

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020425\
 Data File : VN085648.D
 Acq On : 04 Feb 2025 13:38
 Operator : JC\MD
 Sample : VN0204WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0204WBS01

Quant Time: Feb 05 01:03:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 15 02:16:08 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 02/05/2025
 Supervised By :Mahesh Dadoda 02/06/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	239621	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	414153	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	363524	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	172133	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	194989	50.411	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.820%			
35) Dibromofluoromethane	8.165	113	159522	55.521	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.040%			
50) Toluene-d8	10.565	98	587536	57.554	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 115.100%#			
62) 4-Bromofluorobenzene	12.847	95	193075	55.290	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 110.580%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	62755	19.343	ug/l	97
3) Chloromethane	2.359	50	57638	16.408	ug/l	97
4) Vinyl Chloride	2.512	62	71117	20.142	ug/l	97
5) Bromomethane	2.953	94	44235	20.740	ug/l	97
6) Chloroethane	3.118	64	39192	17.508	ug/l	94
7) Trichlorofluoromethane	3.494	101	83150	16.230	ug/l	100
8) Diethyl Ether	3.959	74	27203	15.370	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.371	101	51211	17.747	ug/l	97
10) Methyl Iodide	4.589	142	60126	18.195	ug/l	94
11) Tert butyl alcohol	5.518	59	37579	84.846	ug/l	100
12) 1,1-Dichloroethene	4.341	96	44803	17.422	ug/l	92
13) Acrolein	4.177	56	25185	41.655	ug/l	99
14) Allyl chloride	5.024	41	57757	13.841	ug/l	95
15) Acrylonitrile	5.712	53	114792	81.597	ug/l	98
16) Acetone	4.424	43	90944	72.768	ug/l	98
17) Carbon Disulfide	4.712	76	139976	17.678	ug/l	100
18) Methyl Acetate	5.018	43	56243	14.799	ug/l	92
19) Methyl tert-butyl Ether	5.788	73	135712	16.252	ug/l	95
20) Methylene Chloride	5.277	84	52343	16.918	ug/l	91
21) trans-1,2-Dichloroethene	5.783	96	47275	17.201	ug/l	91
22) Diisopropyl ether	6.665	45	138424	14.945	ug/l	97
23) Vinyl Acetate	6.600	43	493556	76.142	ug/l	97
24) 1,1-Dichloroethane	6.571	63	90059	15.946	ug/l	98
25) 2-Butanone	7.482	43	142513	77.488	ug/l	94
26) 2,2-Dichloropropane	7.488	77	80348	17.596	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	56158	17.348	ug/l	94
28) Bromochloromethane	7.812	49	48103	18.307	ug/l	85
29) Tetrahydrofuran	7.835	42	92543	79.366	ug/l	90
30) Chloroform	7.959	83	94942	16.265	ug/l	97
31) Cyclohexane	8.253	56	75871	15.456	ug/l	88
32) 1,1,1-Trichloroethane	8.165	97	84192	16.443	ug/l	95
36) 1,1-Dichloropropene	8.371	75	66806	16.567	ug/l	98
37) Ethyl Acetate	7.559	43	57674	14.170	ug/l #	95
38) Carbon Tetrachloride	8.359	117	75019	16.250	ug/l	97
39) Methylcyclohexane	9.600	83	64863	17.117	ug/l	98
40) Benzene	8.606	78	210366	17.362	ug/l	99

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Quant Time: Feb 05 01:03:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 15 02:16:08 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	30002	14.168	ug/l	92
42) 1,2-Dichloroethane	8.671	62	69180	15.160	ug/l	97
43) Isopropyl Acetate	8.688	43	106280	16.296	ug/l	99
44) Trichloroethene	9.347	130	47844	16.964	ug/l	99
45) 1,2-Dichloropropane	9.618	63	48607	15.706	ug/l	96
46) Dibromomethane	9.706	93	36282	16.247	ug/l	96
47) Bromodichloromethane	9.888	83	74675	16.414	ug/l	96
48) Methyl methacrylate	9.682	41	42964	14.638	ug/l	88
49) 1,4-Dioxane	9.694	88	16598	335.822	ug/l #	78
51) 4-Methyl-2-Pentanone	10.441	43	302031	79.806	ug/l	94
52) Toluene	10.629	92	127757	18.198	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	72098	16.769	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	78886	17.177	ug/l #	89
55) 1,1,2-Trichloroethane	11.012	97	49739	17.903	ug/l	98
56) Ethyl methacrylate	10.870	69	67241	15.743	ug/l	92
57) 1,3-Dichloropropane	11.159	76	81196	16.807	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	127513	72.323	ug/l	97
59) 2-Hexanone	11.194	43	217881	81.820	ug/l	94
60) Dibromochloromethane	11.359	129	55739	16.618	ug/l	97
61) 1,2-Dibromoethane	11.470	107	47895	17.318	ug/l	99
64) Tetrachloroethene	11.100	164	44685	18.031	ug/l	97
65) Chlorobenzene	11.888	112	140183	17.603	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	47641	16.300	ug/l	97
67) Ethyl Benzene	11.965	91	224640	17.319	ug/l	98
68) m/p-Xylenes	12.070	106	178133	37.160	ug/l	94
69) o-Xylene	12.400	106	81892	17.876	ug/l	95
70) Styrene	12.412	104	139717	18.428	ug/l	96
71) Bromoform	12.576	173	36188	17.304	ug/l #	99
73) Isopropylbenzene	12.694	105	203862	17.548	ug/l	100
74) N-amyl acetate	12.494	43	78413	15.016	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.935	83	70155	17.095	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	64655m	18.480	ug/l	
77) Bromobenzene	12.976	156	52063	17.153	ug/l	96
78) n-propylbenzene	13.035	91	244603	17.785	ug/l	98
79) 2-Chlorotoluene	13.123	91	151553	17.026	ug/l	96
80) 1,3,5-Trimethylbenzene	13.170	105	170197	17.736	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	23976	18.541	ug/l #	81
82) 4-Chlorotoluene	13.223	91	153459	17.315	ug/l	95
83) tert-Butylbenzene	13.435	119	139941	17.365	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	170742	17.852	ug/l	97
85) sec-Butylbenzene	13.611	105	197340	17.669	ug/l	100
86) p-Isopropyltoluene	13.729	119	162692	17.592	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	94164	16.846	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	96076	16.582	ug/l	98
89) n-Butylbenzene	14.059	91	130982	16.347	ug/l	99
90) Hexachloroethane	14.329	117	34840	16.386	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	91540	16.418	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	12950	17.281	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	42273	16.313	ug/l	97
94) Hexachlorobutadiene	15.500	225	20375	14.810	ug/l	94
95) Naphthalene	15.641	128	122511	15.843	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	41321	15.759	ug/l	99

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ClientSampleId :
VN0204WBS01

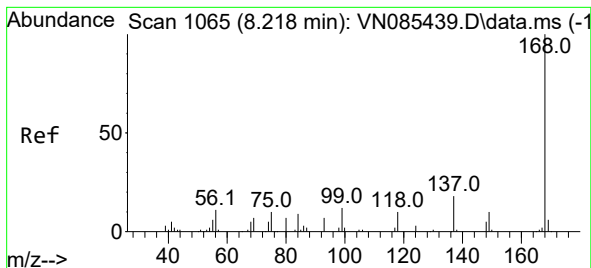
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025

Quant Time: Feb 05 01:03:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 15 02:16:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VN085648.D

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Instrument :

MSVOA_N

ClientSampleId :

VN0204WBS01

Tgt Ion:168 Resp: 23962

Ion Ratio Lower Upper

168 100

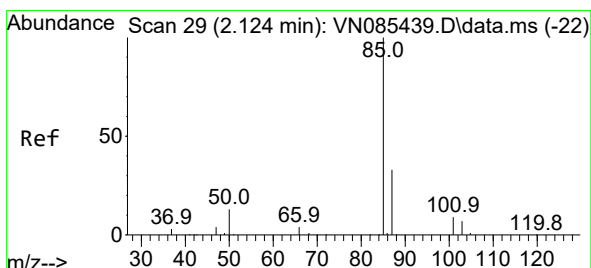
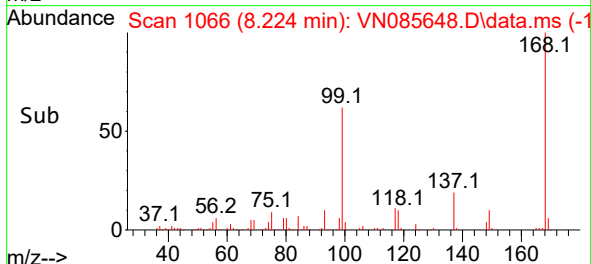
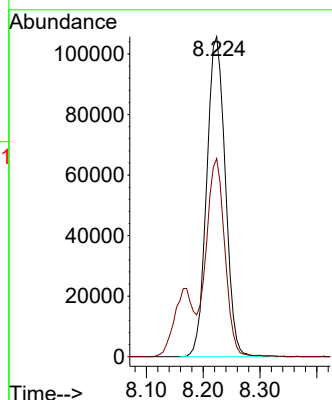
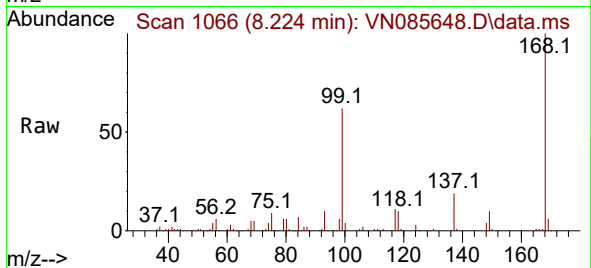
99 61.7 53.6 80.4

Manual Integrations

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Reviewed By :John Carlone 02/05/2025

Supervised By :Mahesh Dadoda 02/06/2025



#2

Dichlorodifluoromethane

Concen: 19.343 ug/l

RT: 2.124 min Scan# 29

Delta R.T. -0.000 min

Lab File: VN085648.D

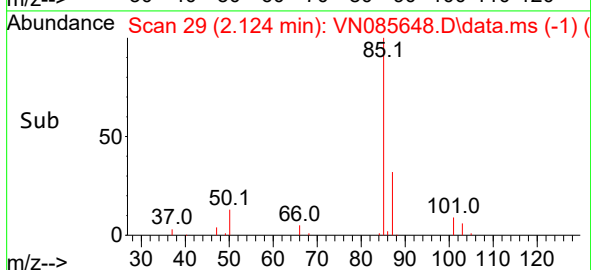
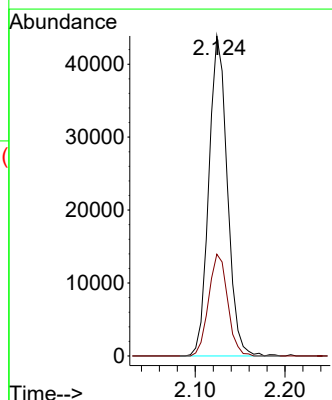
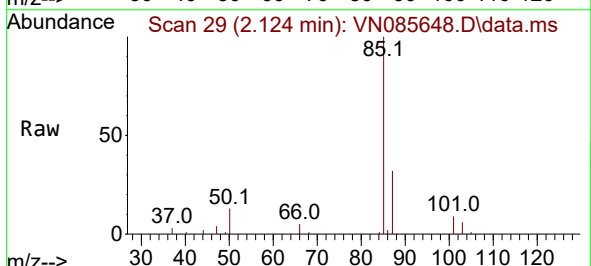
Acq: 04 Feb 2025 13:38

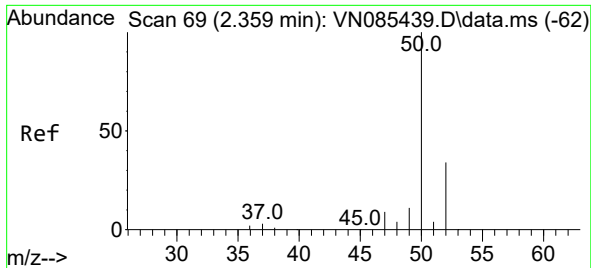
Tgt Ion: 85 Resp: 62755

Ion Ratio Lower Upper

85 100

87 31.8 16.7 50.1





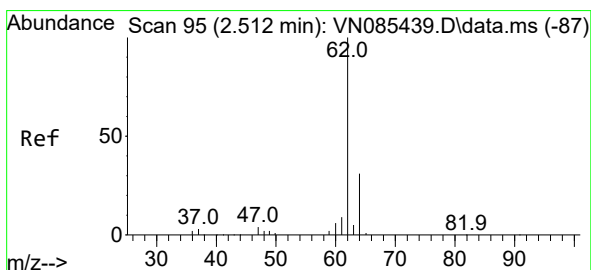
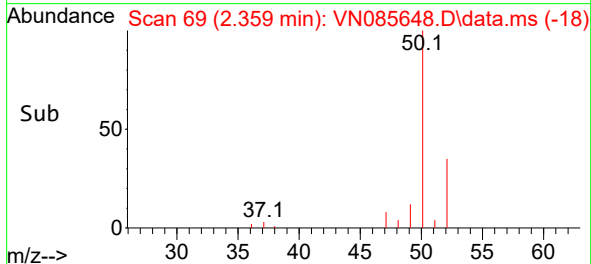
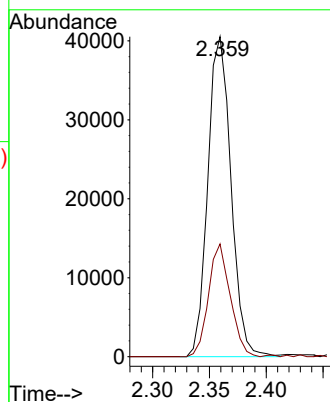
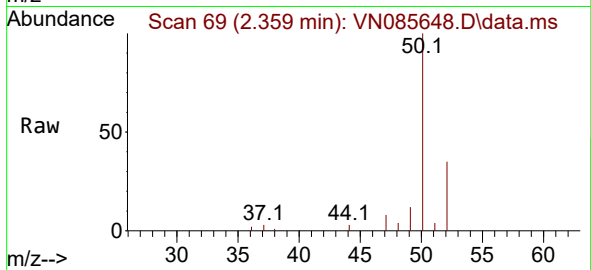
#3
Chloromethane
Concen: 16.408 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38

Instrument :
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ClientSampleId :
VN0204WBS01

Tgt Ion: 50 Resp: 57638
Ion Ratio Lower Upper
50 100
52 35.3 27.0 40.6

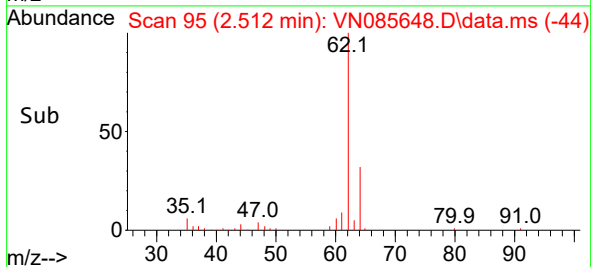
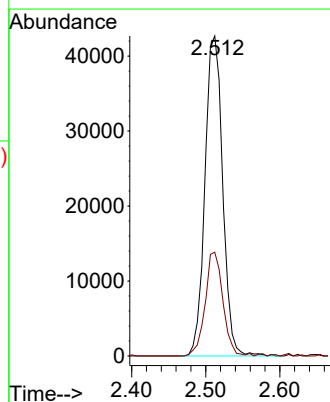
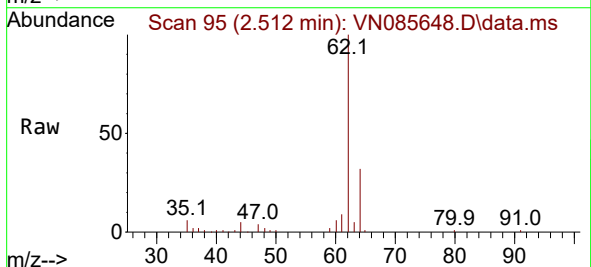
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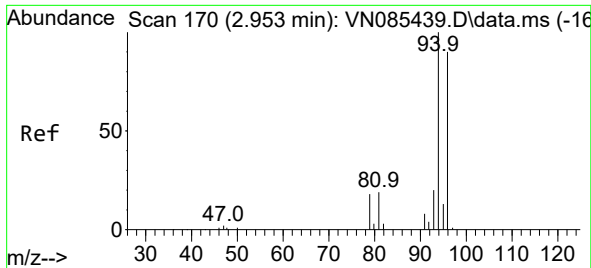
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#4
Vinyl Chloride
Concen: 20.142 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38

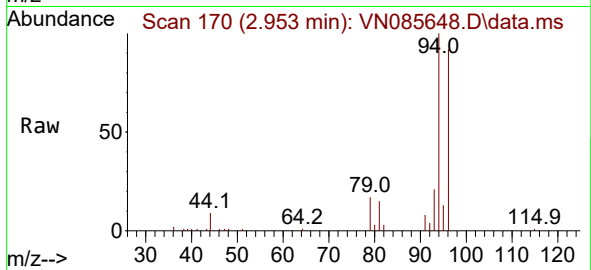
Tgt Ion: 62 Resp: 71117
Ion Ratio Lower Upper
62 100
64 32.5 24.8 37.2





#5
Bromomethane
Concen: 20.740 ug/l
RT: 2.953 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38

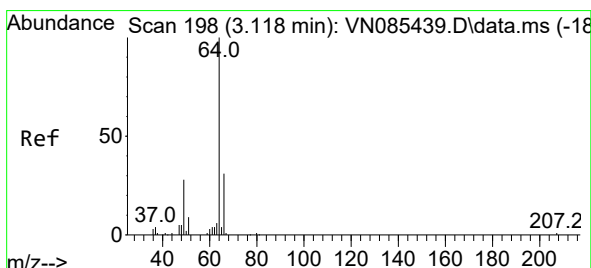
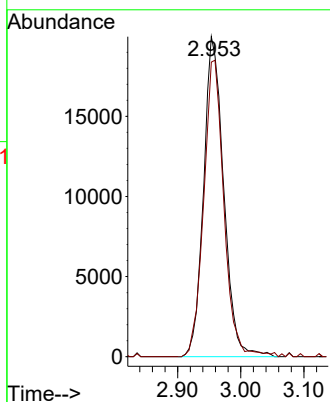
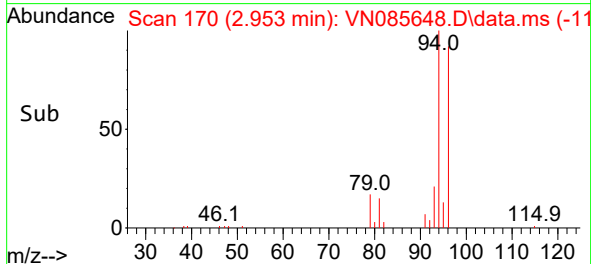
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Tgt Ion: 94 Resp: 4423
Ion Ratio Lower Upper
94 100
96 92.1 71.8 107.6

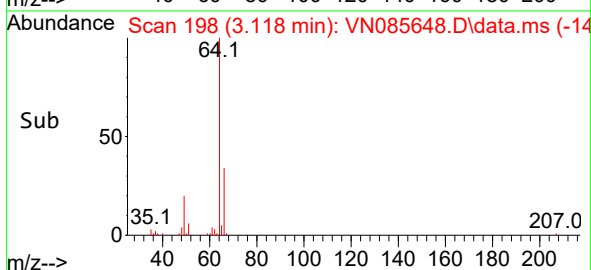
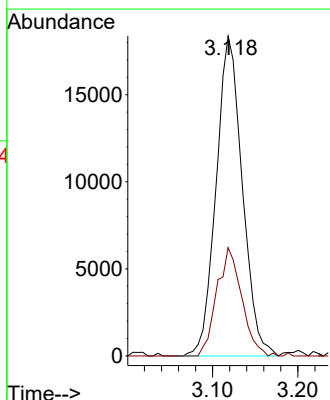
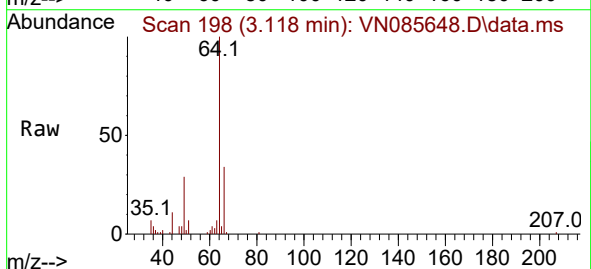
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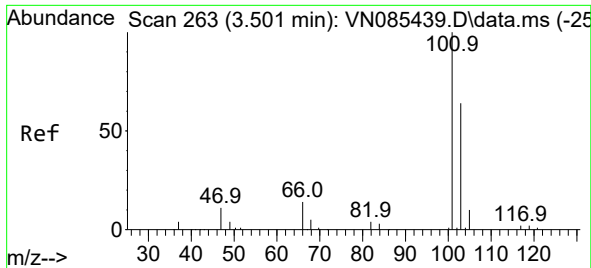
Reviewed By :John Carlone 02/05/2025
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#6
Chloroethane
Concen: 17.508 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.000 min
Lab File: VN085648.D
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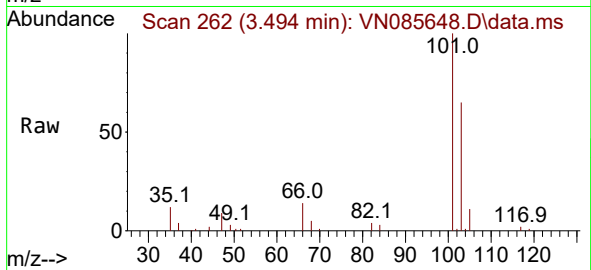
Tgt Ion: 64 Resp: 39192
Ion Ratio Lower Upper
64 100
66 33.9 24.6 36.8





#7
 Trichlorofluoromethane
 Concen: 16.230 ug/l
 RT: 3.494 min Scan# 201
 Delta R.T. -0.006 min
 Lab File: VN085648.D
 Acq: 04 Feb 2025 13:38

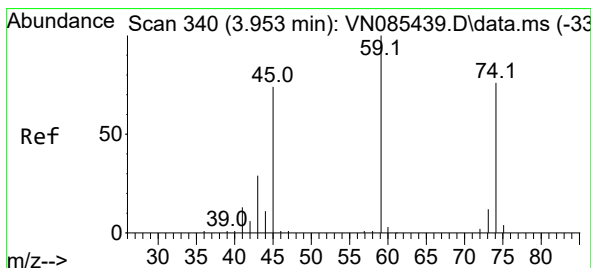
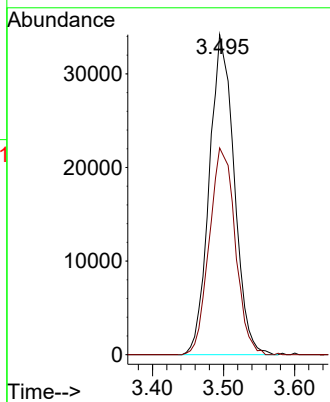
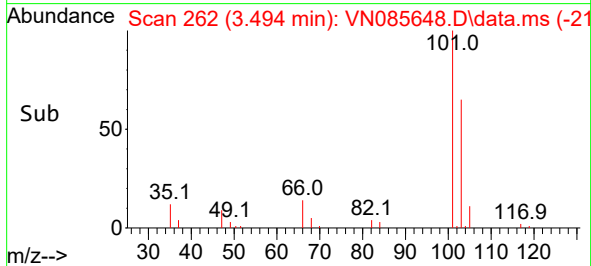
Instrument :
 MSVOA_N
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 VN0204WBS01



Tgt Ion:101 Resp: 83150
 Ion Ratio Lower Upper
 101 100
 103 64.6 51.4 77.2

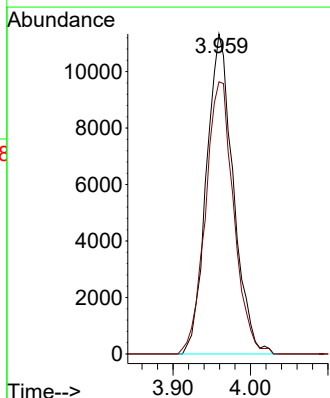
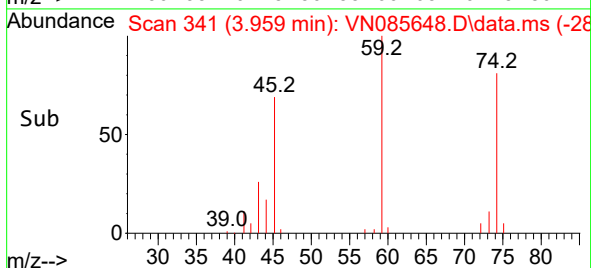
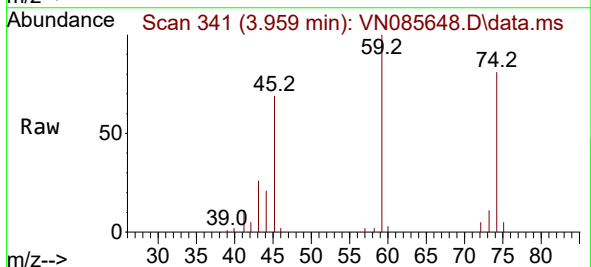
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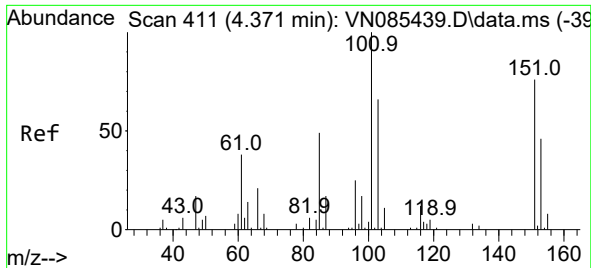
Reviewed By :John Carlone 02/05/2025
 Supervised By :Mahesh Dadoda 02/06/2025



#8
 Diethyl Ether
 Concen: 15.370 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN085648.D
 Acq: 04 Feb 2025 13:38

Tgt Ion: 74 Resp: 27203
 Ion Ratio Lower Upper
 74 100
 45 89.7 49.7 149.1





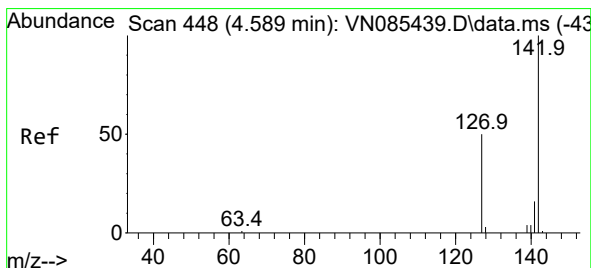
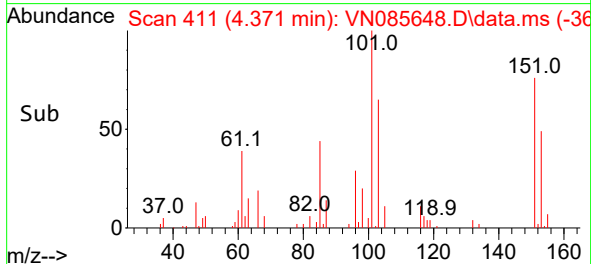
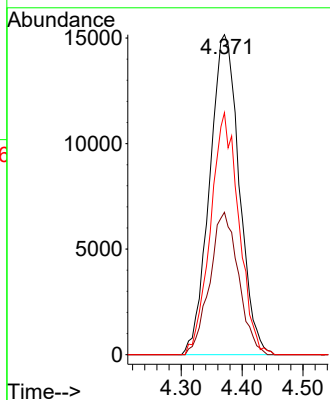
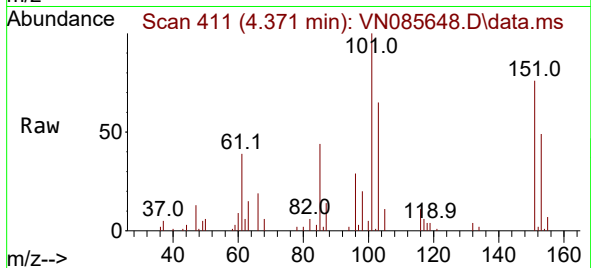
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.747 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38

Instrument :
MSVOA_N
ClientSampleId :
VN0204WBS01

Tgt Ion:101 Resp: 5121
Ion Ratio Lower Upper
101 100
85 43.2 37.8 56.8
151 72.4 58.8 88.2

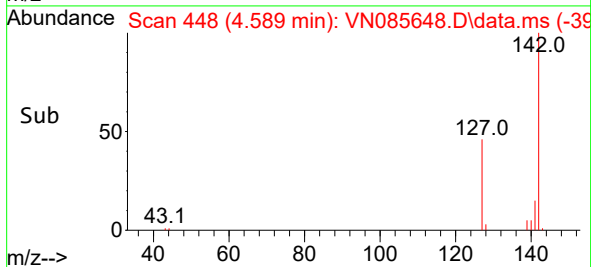
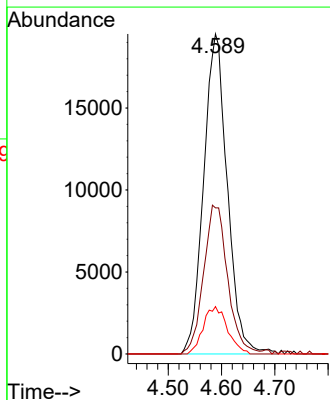
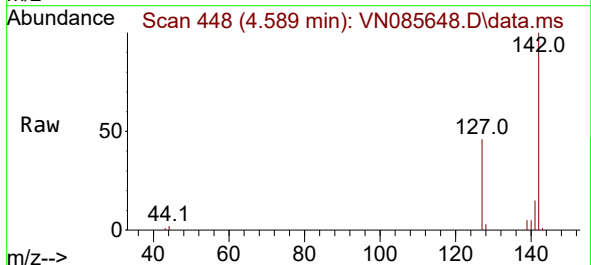
Manual Integrations
APPROVED

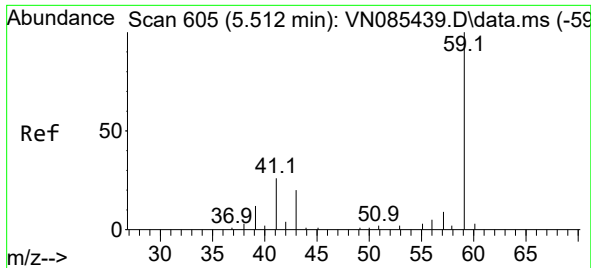
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#10
Methyl Iodide
Concen: 18.195 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38

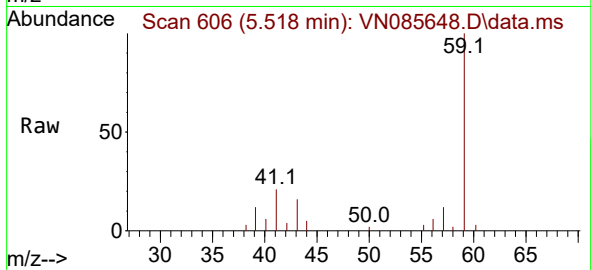
Tgt Ion:142 Resp: 60126
Ion Ratio Lower Upper
142 100
127 45.6 40.3 60.5
141 14.8 12.8 19.2





#11
Tert butyl alcohol
Concen: 84.846 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38

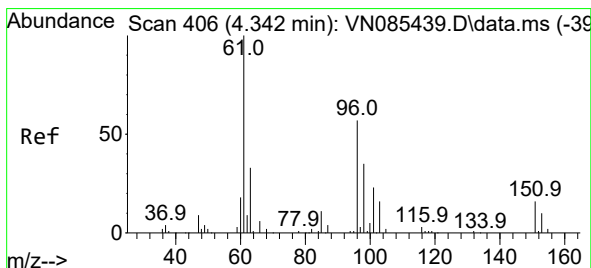
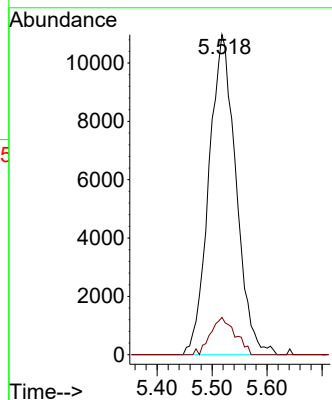
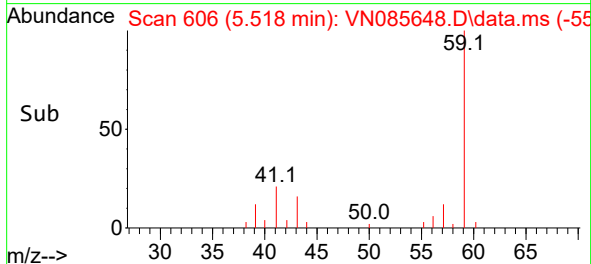
Instrument :
MSVOA_N
ClientSampleId :
VN0204WBS01



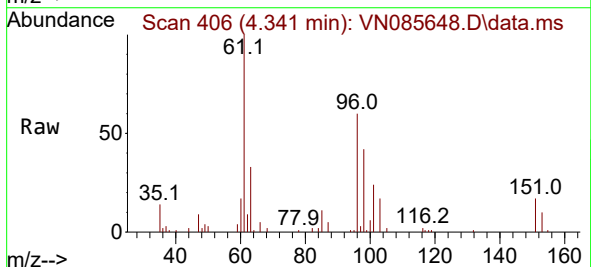
Tgt Ion: 59 Resp: 37579
Ion Ratio Lower Upper
59 100
57 10.6 8.6 13.0

Manual Integrations
APPROVED

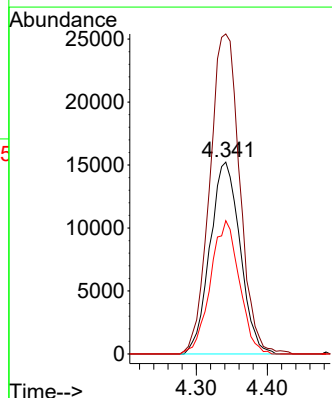
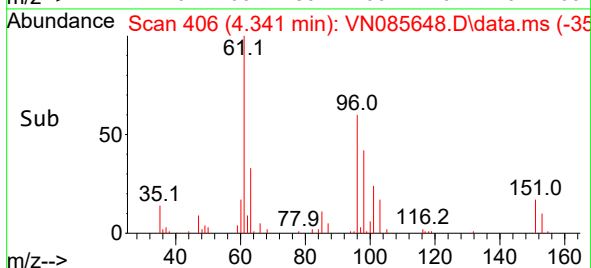
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025

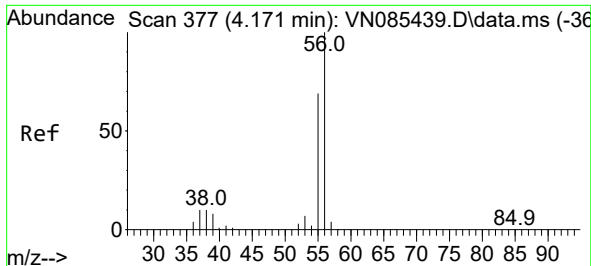


#12
1,1-Dichloroethene
Concen: 17.422 ug/l
RT: 4.341 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38



Tgt Ion: 96 Resp: 44803
Ion Ratio Lower Upper
96 100
61 166.8 141.0 211.4
98 69.5 49.0 73.6





#13

Acrolein

Concen: 41.655 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN085648.D

Acq: 04 Feb 2025 13:38

Instrument :

MSVOA_N

ClientSampleId :

VN0204WBS01

Tgt Ion: 56 Resp: 2518

Ion Ratio Lower Upper

56 100

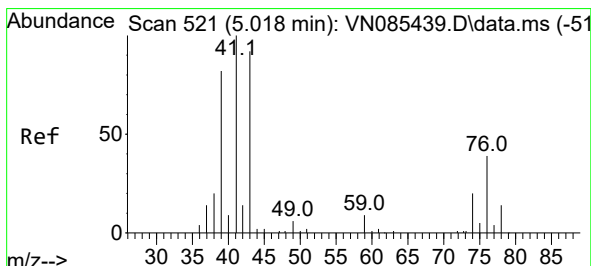
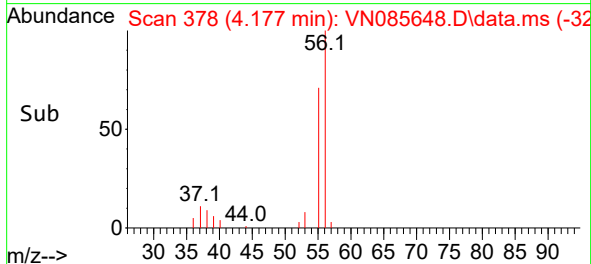
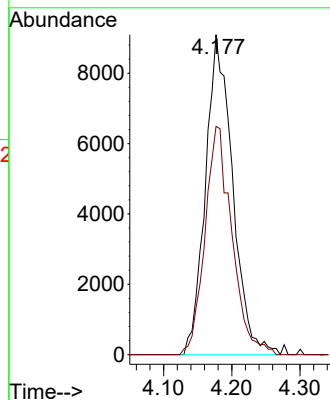
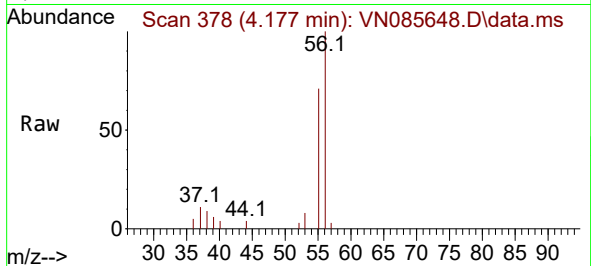
55 70.8 56.3 84.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/05/2025

Supervised By :Mahesh Dadoda 02/06/2025



#14

Allyl chloride

Concen: 13.841 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN085648.D

Acq: 04 Feb 2025 13:38

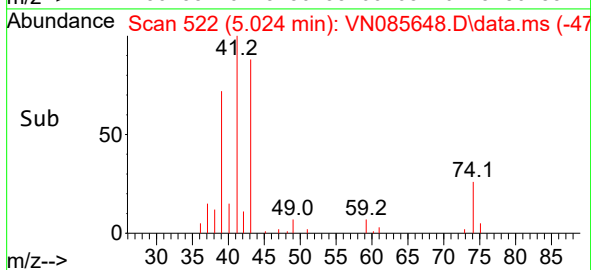
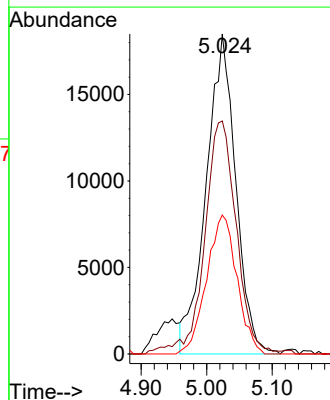
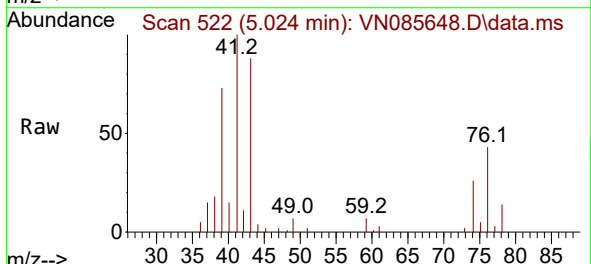
Tgt Ion: 41 Resp: 57757

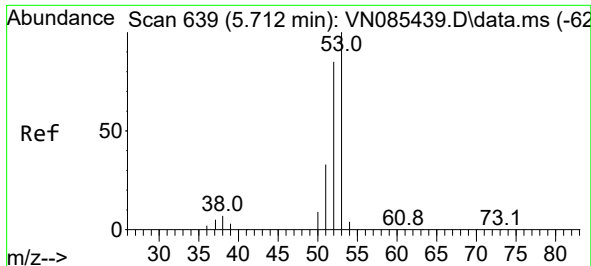
Ion Ratio Lower Upper

41 100

39 78.1 64.4 96.6

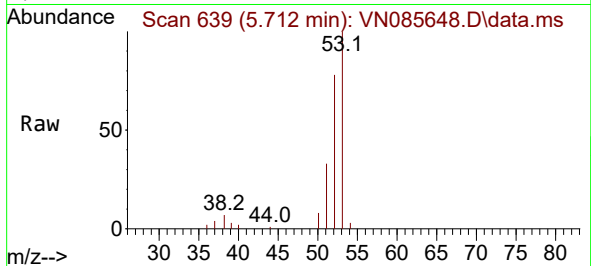
76 44.6 30.5 45.7





#15
Acrylonitrile
Concen: 81.597 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38

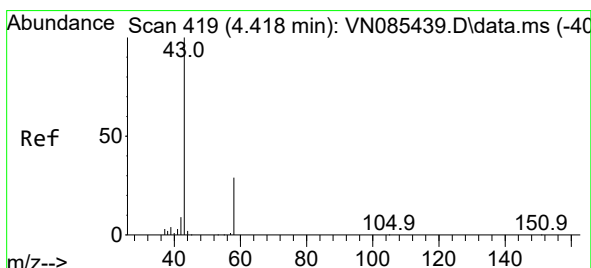
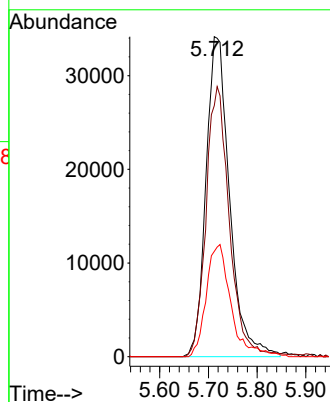
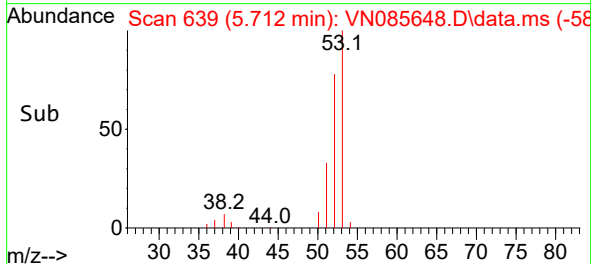
Instrument :
MSVOA_N
ClientSampleId :
VN0204WBS01



Tgt Ion: 53 Resp: 114792
Ion Ratio Lower Upper
53 100
52 83.5 65.5 98.3
51 36.8 29.8 44.8

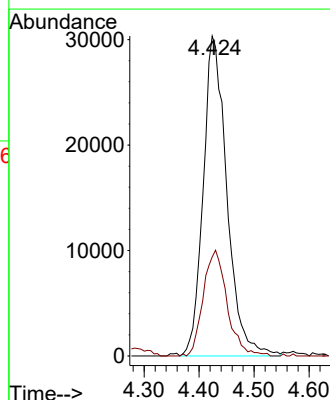
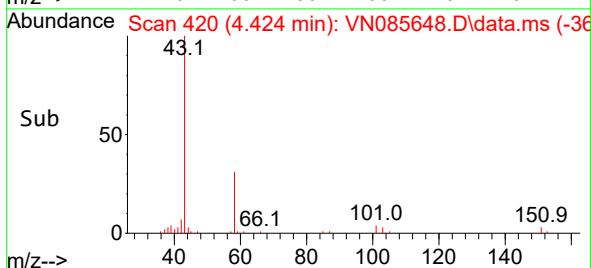
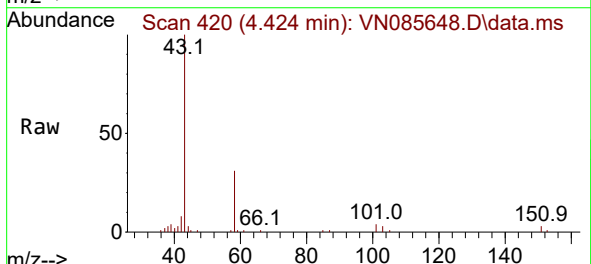
Manual Integrations
APPROVED

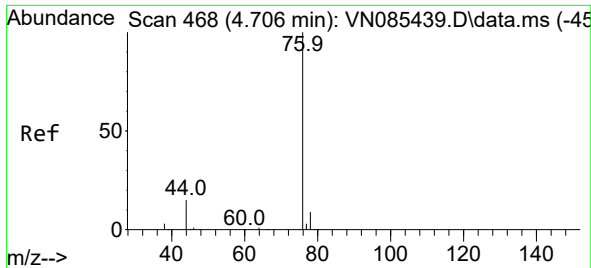
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#16
Acetone
Concen: 72.768 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38

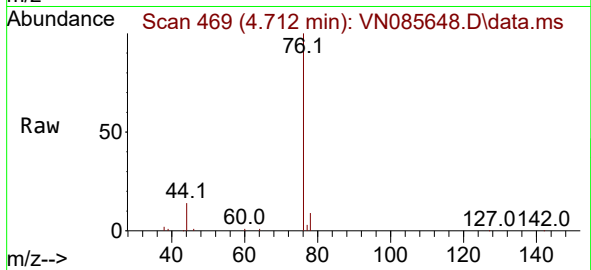
Tgt Ion: 43 Resp: 90944
Ion Ratio Lower Upper
43 100
58 31.0 23.8 35.6





#17
Carbon Disulfide
Concen: 17.678 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.006 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38

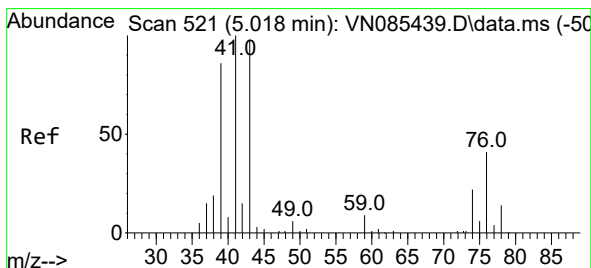
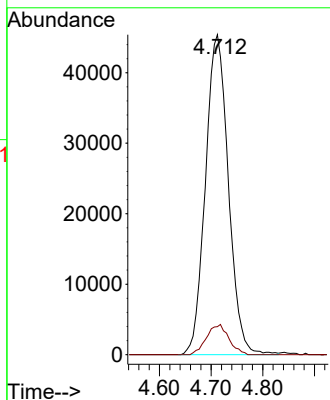
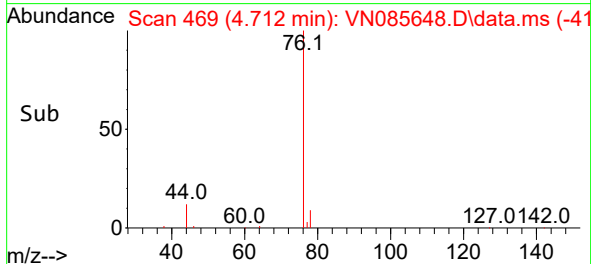
Instrument :
MSVOA_N
ClientSampleId :
VN0204WBS01



Tgt Ion: 76 Resp: 139970
Ion Ratio Lower Upper
76 100
78 8.8 6.9 10.3

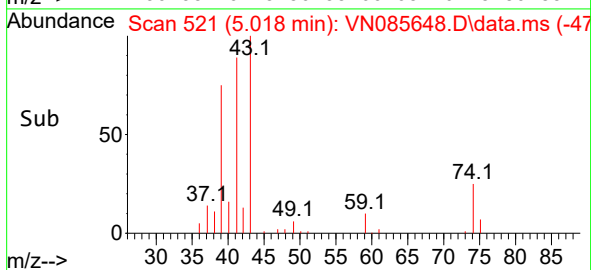
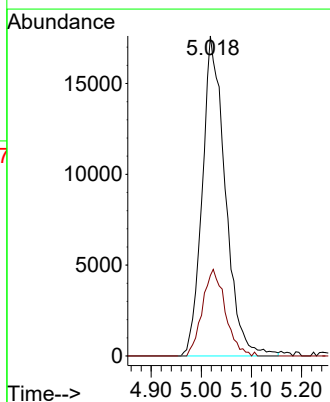
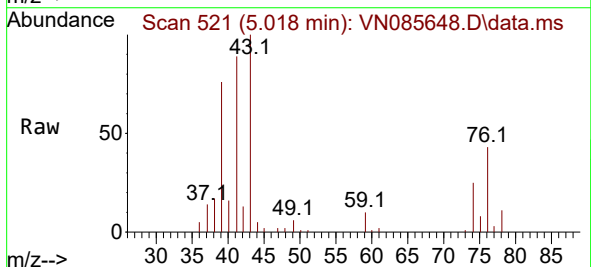
Manual Integrations
APPROVED

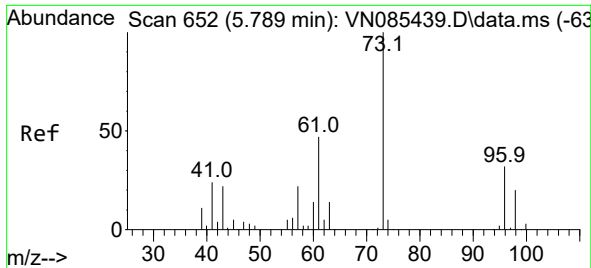
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#18
Methyl Acetate
Concen: 14.799 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38

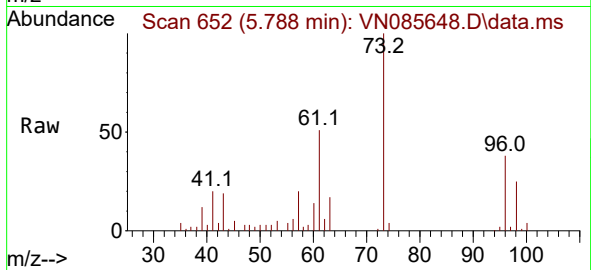
Tgt Ion: 43 Resp: 56243
Ion Ratio Lower Upper
43 100
74 27.0 18.6 28.0





#19
Methyl tert-butyl Ether
Concen: 16.252 ug/l
RT: 5.788 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38

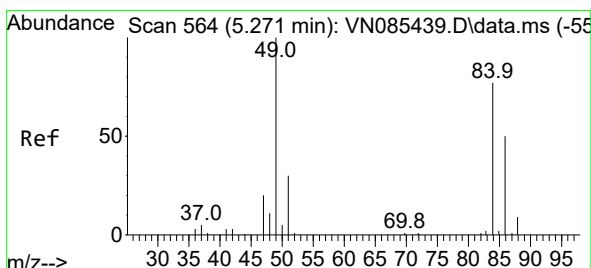
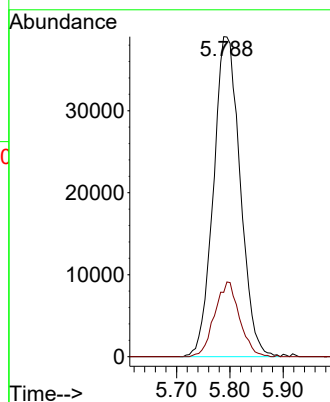
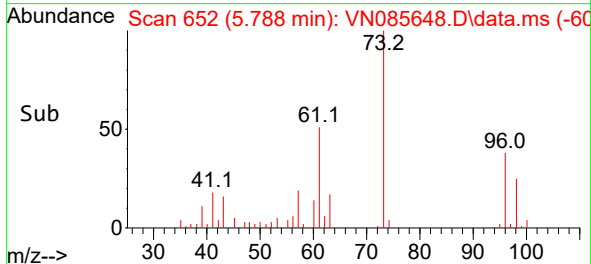
Instrument :
MSVOA_N
ClientSampleId :
VN0204WBS01



Tgt Ion: 73 Resp: 135712
Ion Ratio Lower Upper
73 100
57 20.1 17.8 26.8

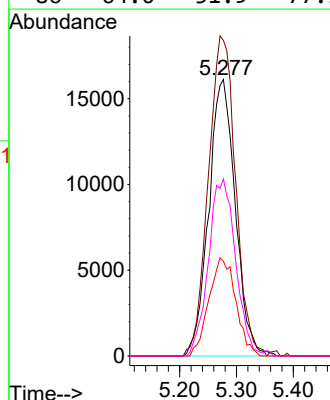
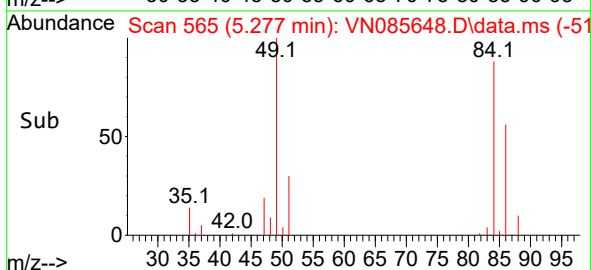
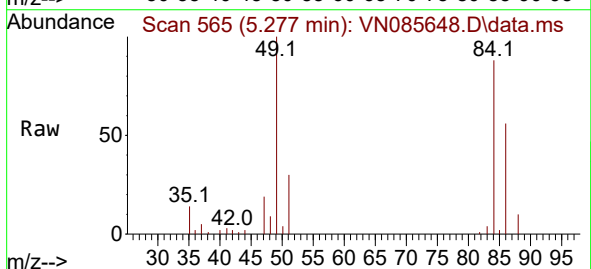
Manual Integrations
APPROVED

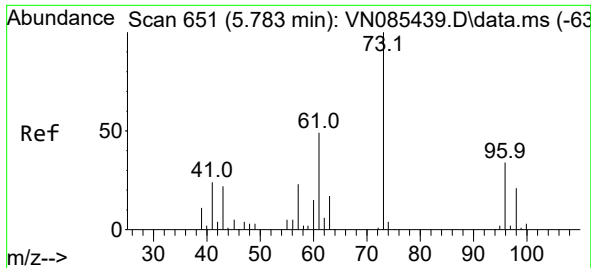
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#20
Methylene Chloride
Concen: 16.918 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38

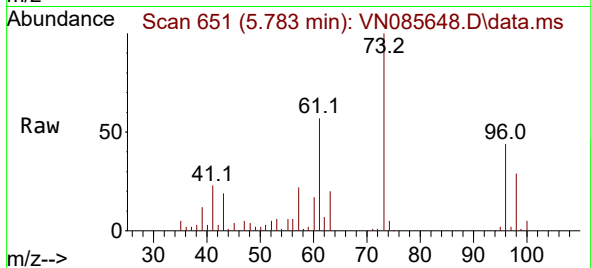
Tgt Ion: 84 Resp: 52343
Ion Ratio Lower Upper
84 100
49 114.2 104.1 156.1
51 34.3 31.0 46.4
86 64.0 51.9 77.9





#21
trans-1,2-Dichloroethene
Concen: 17.201 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.000 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38

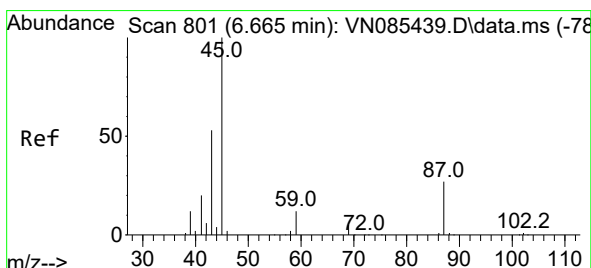
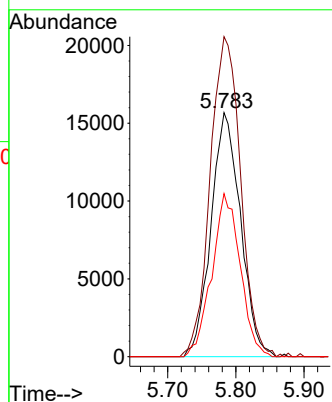
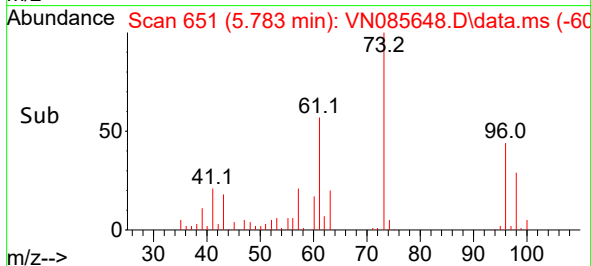
Instrument :
MSVOA_N
ClientSampleId :
VN0204WBS01



Tgt Ion: 96 Resp: 47275
Ion Ratio Lower Upper
96 100
61 131.2 115.7 173.5
98 66.9 49.8 74.8

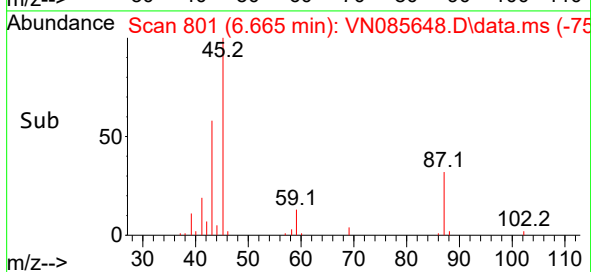
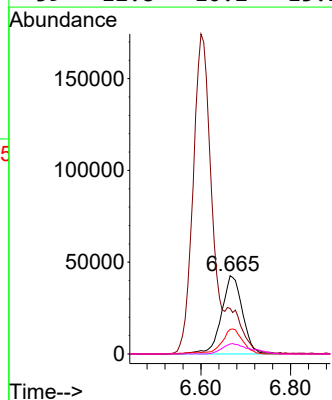
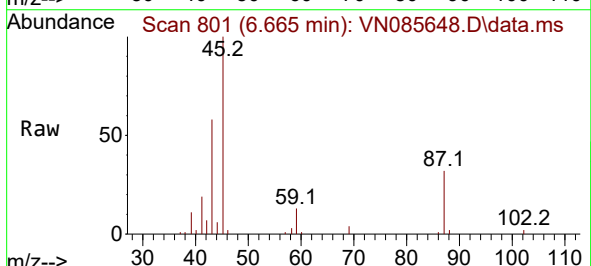
Manual Integrations
APPROVED

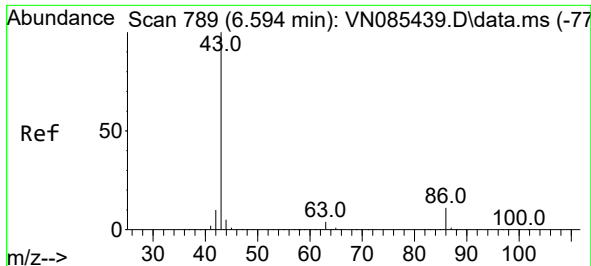
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#22
Diisopropyl ether
Concen: 14.945 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.000 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38

Tgt Ion: 45 Resp: 138424
Ion Ratio Lower Upper
45 100
43 56.5 45.0 67.6
87 31.6 21.8 32.8
59 12.8 10.2 15.2





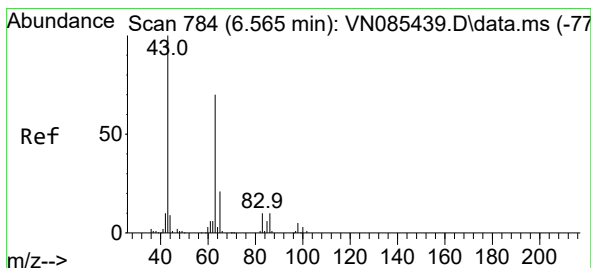
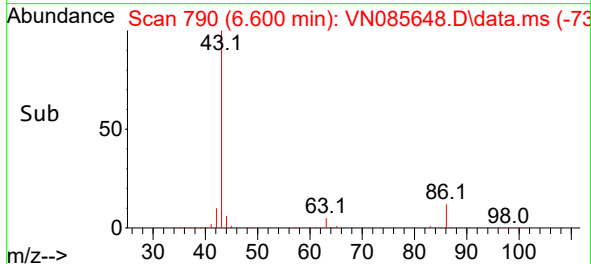
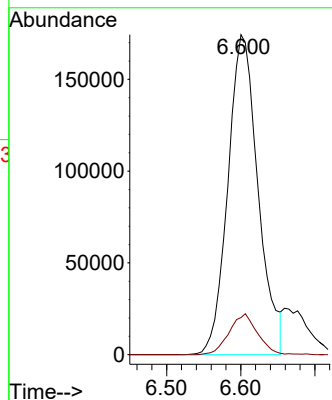
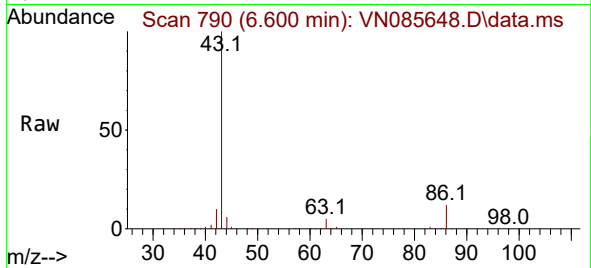
#23
Vinyl Acetate
Concen: 76.142 ug/l
RT: 6.600 min Scan# 790
Delta R.T. 0.006 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38

Instrument :
MSVOA_N
ClientSampleId :
VN0204WBS01

Tgt Ion: 43 Resp: 493550
Ion Ratio Lower Upper
43 100
86 11.6 8.4 12.6

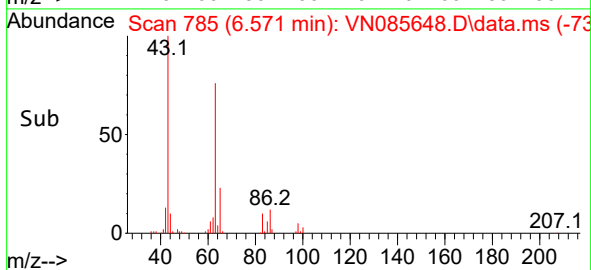
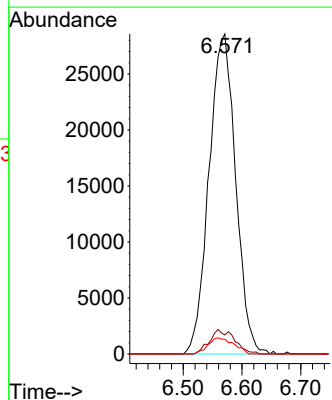
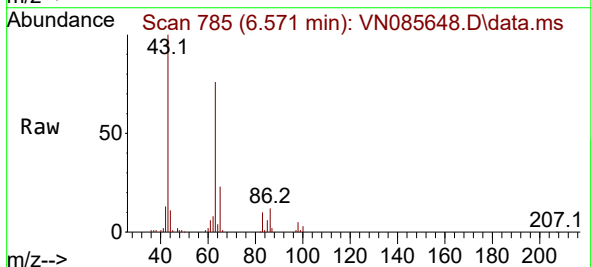
Manual Integrations
APPROVED

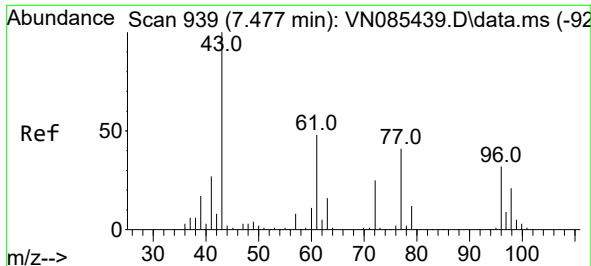
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#24
1,1-Dichloroethane
Concen: 15.946 ug/l
RT: 6.571 min Scan# 785
Delta R.T. 0.006 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38

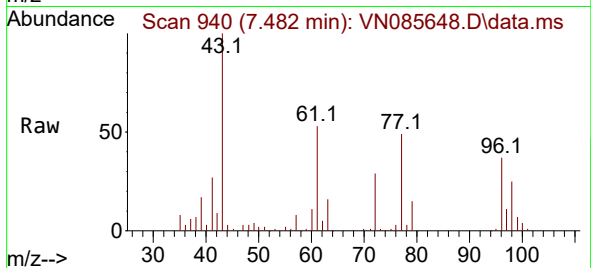
Tgt Ion: 63 Resp: 90059
Ion Ratio Lower Upper
63 100
98 6.0 3.3 9.8
100 4.6 2.0 6.0





#25
2-Butanone
Concen: 77.488 ug/l
RT: 7.482 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38

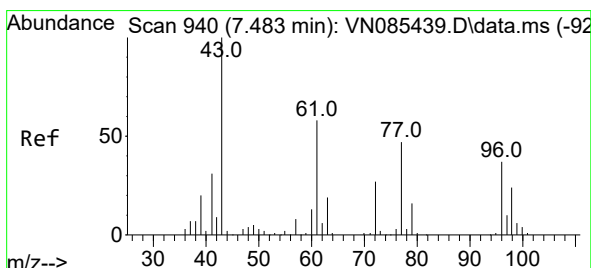
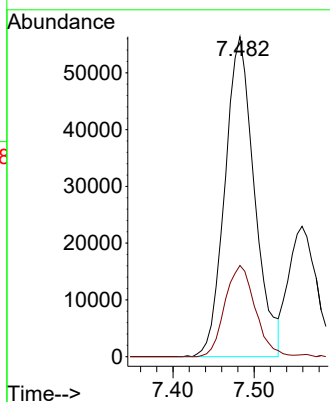
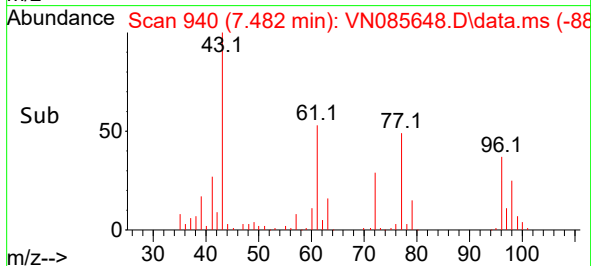
Instrument :
MSVOA_N
ClientSampleId :
VN0204WBS01



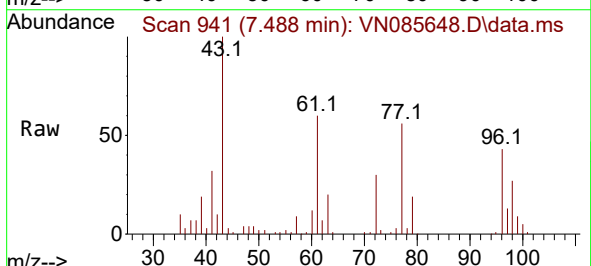
Tgt Ion: 43 Resp: 14251
Ion Ratio Lower Upper
43 100
72 28.5 20.2 30.4

Manual Integrations
APPROVED

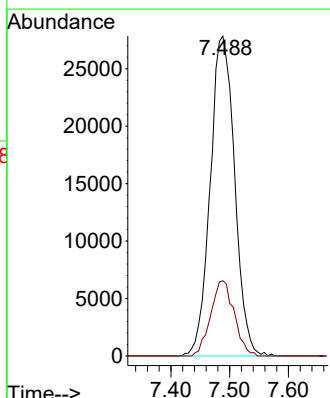
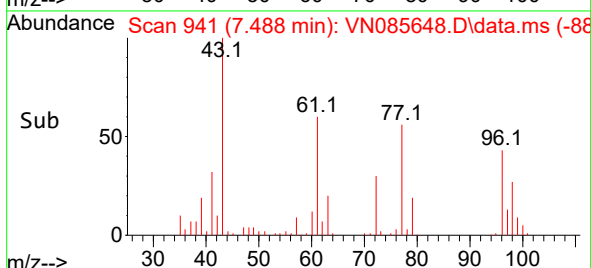
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025

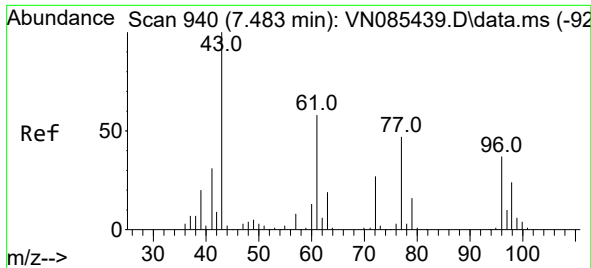


#26
2,2-Dichloropropane
Concen: 17.596 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38



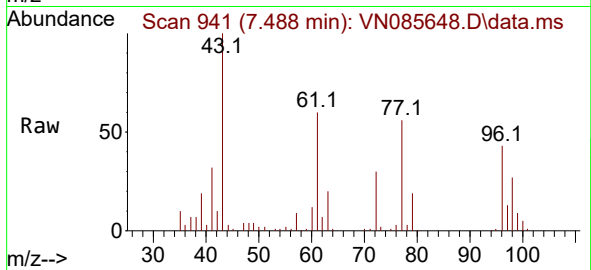
Tgt Ion: 77 Resp: 80348
Ion Ratio Lower Upper
77 100
97 22.6 10.7 32.1





#27
 cis-1,2-Dichloroethene
 Concen: 17.348 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN085648.D
 Acq: 04 Feb 2025 13:38

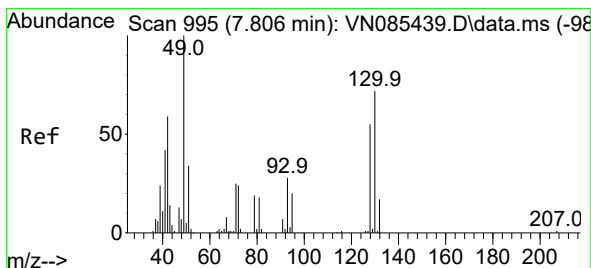
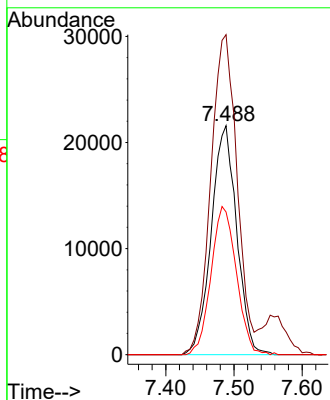
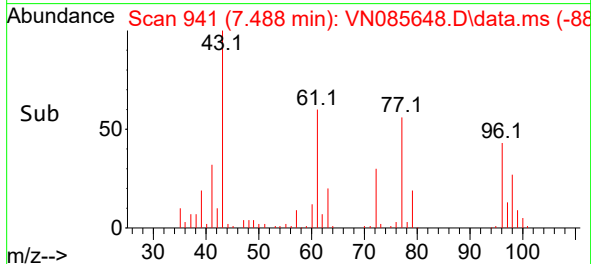
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0204WBS01



Tgt Ion: 96 Resp: 56158
 Ion Ratio Lower Upper
 96 100
 61 145.1 0.0 311.8
 98 64.5 0.0 126.0

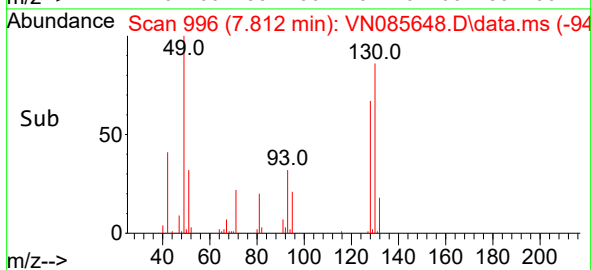
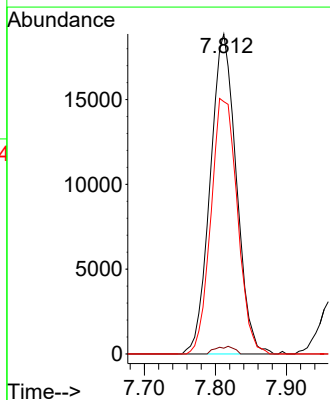
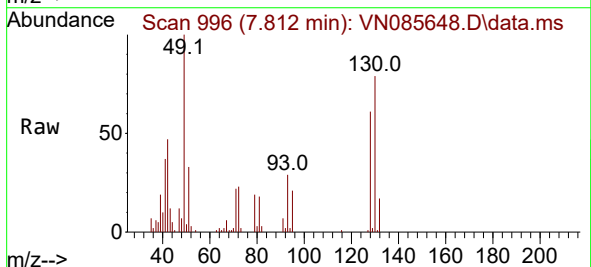
Manual Integrations
 APPROVED

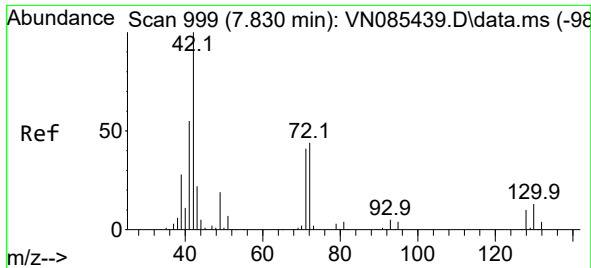
Reviewed By :John Carlone 02/05/2025
 Supervised By :Mahesh Dadoda 02/06/2025



#28
 Bromochloromethane
 Concen: 18.307 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN085648.D
 Acq: 04 Feb 2025 13:38

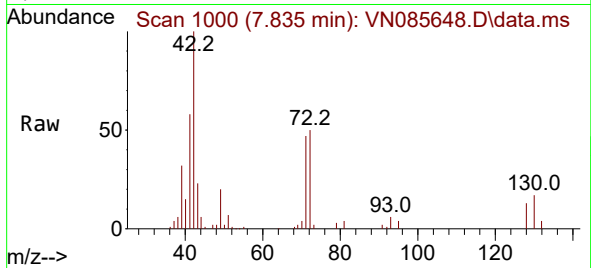
Tgt Ion: 49 Resp: 48103
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.4
 130 81.0 55.0 82.4





#29
Tetrahydrofuran
Concen: 79.366 ug/l
RT: 7.835 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38

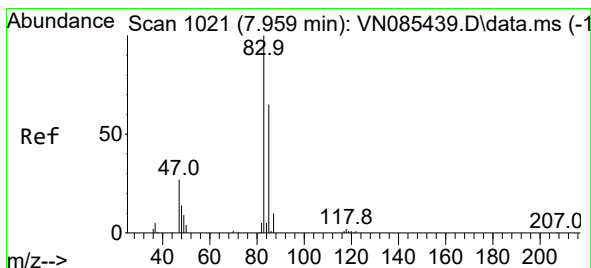
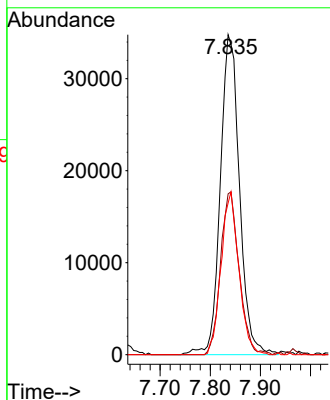
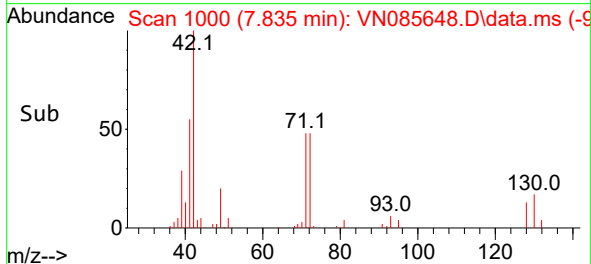
Instrument :
MSVOA_N
ClientSampleId :
VN0204WBS01



Tgt Ion: 42 Resp: 9254
Ion Ratio Lower Upper
42 100
72 49.2 34.2 51.2
71 47.1 32.5 48.7

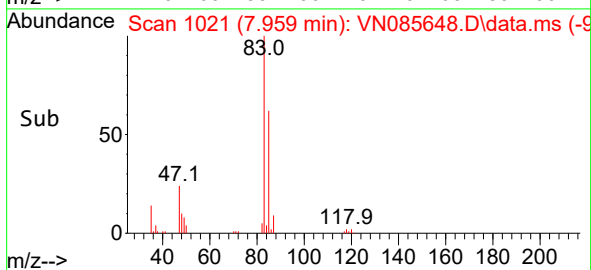
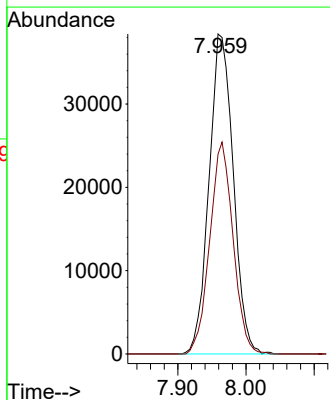
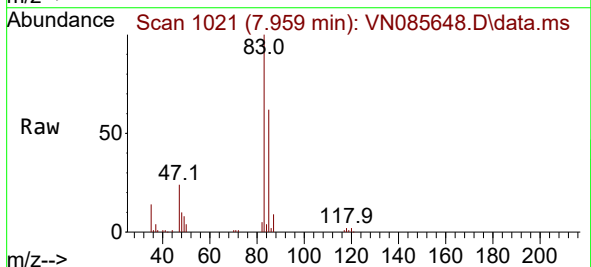
Manual Integrations
APPROVED

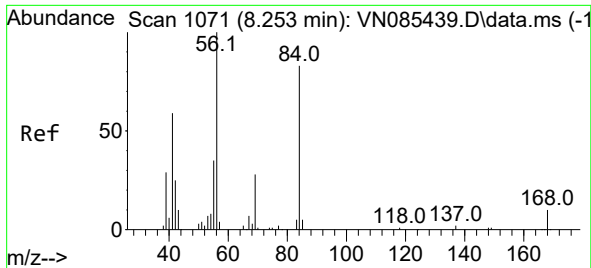
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#30
Chloroform
Concen: 16.265 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. -0.000 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38

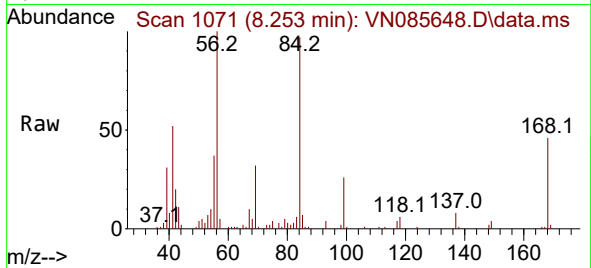
Tgt Ion: 83 Resp: 94942
Ion Ratio Lower Upper
83 100
85 62.5 51.8 77.6





#31
Cyclohexane
Concen: 15.456 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38

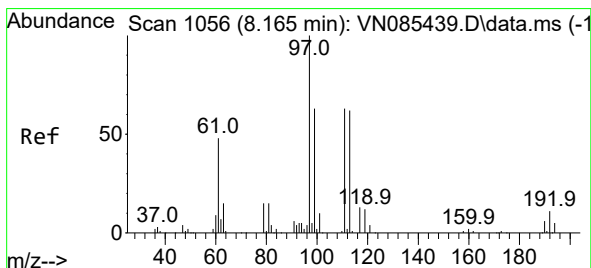
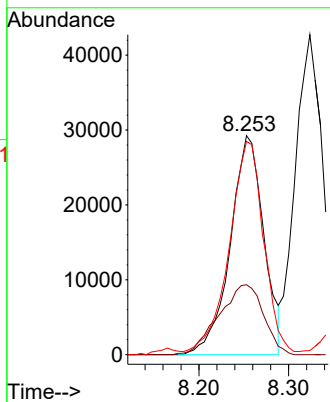
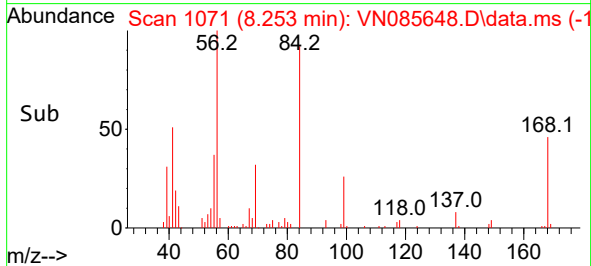
Instrument :
MSVOA_N
ClientSampleId :
VN0204WBS01



Tgt Ion: 56 Resp: 7587
Ion Ratio Lower Upper
56 100
69 31.3 22.2 33.4
84 95.8 66.4 99.6

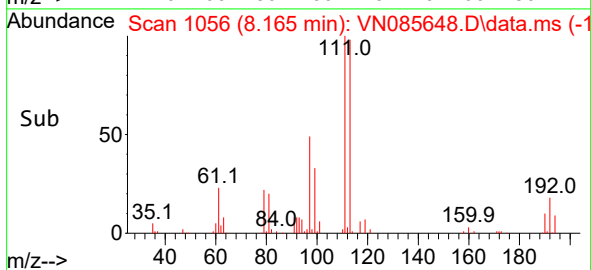
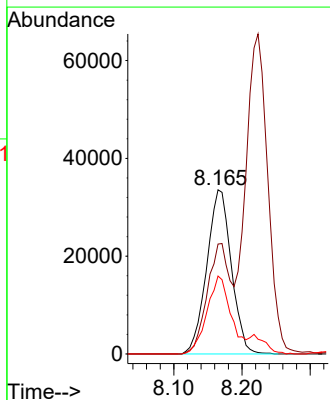
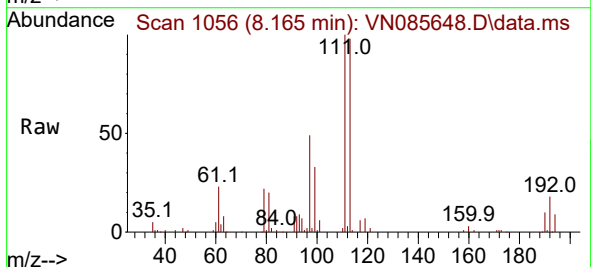
Manual Integrations
APPROVED

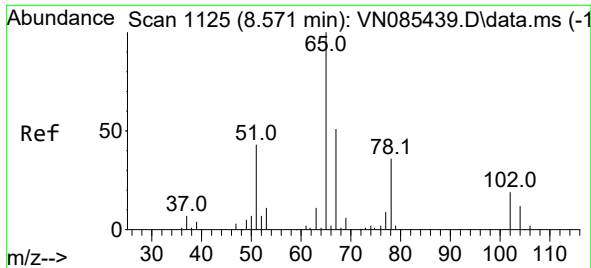
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#32
1,1,1-Trichloroethane
Concen: 16.443 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38

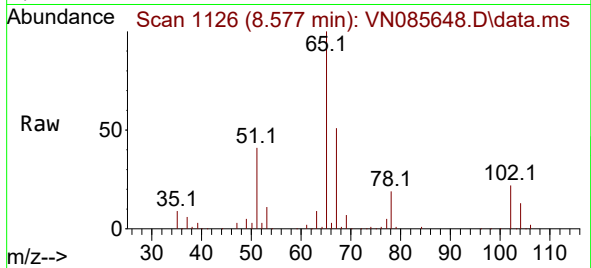
Tgt Ion: 97 Resp: 84192
Ion Ratio Lower Upper
97 100
99 63.7 49.8 74.6
61 46.4 41.4 62.2





#33
1,2-Dichloroethane-d4
Concen: 50.411 ug/l
RT: 8.577 min Scan# 1125
Delta R.T. 0.006 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38

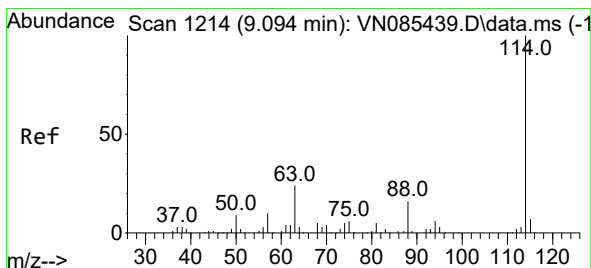
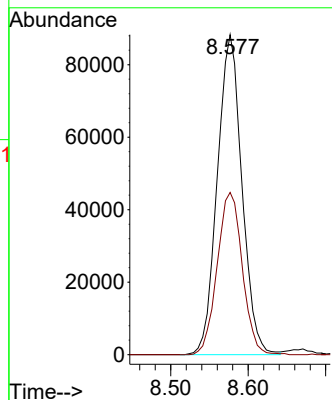
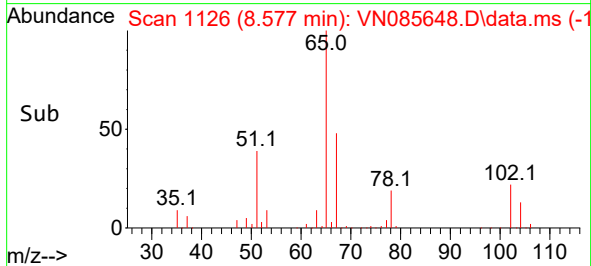
Instrument :
MSVOA_N
ClientSampleId :
VN0204WBS01



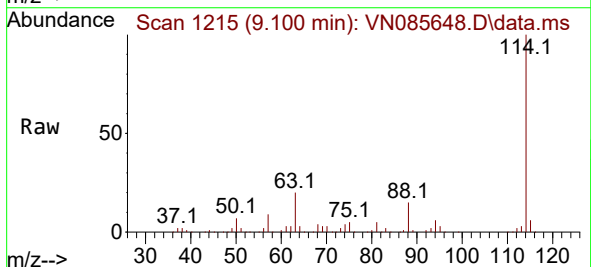
Tgt Ion: 65 Resp: 194989
Ion Ratio Lower Upper
65 100
67 51.7 0.0 101.6

Manual Integrations
APPROVED

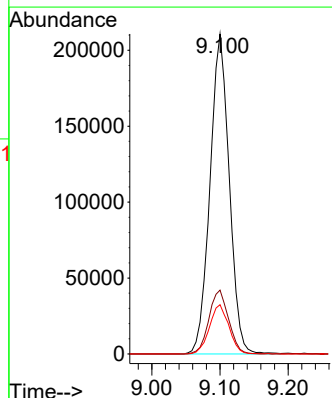
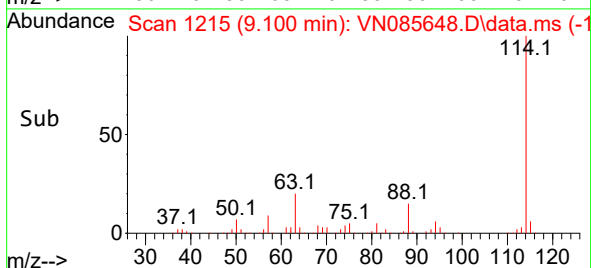
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025

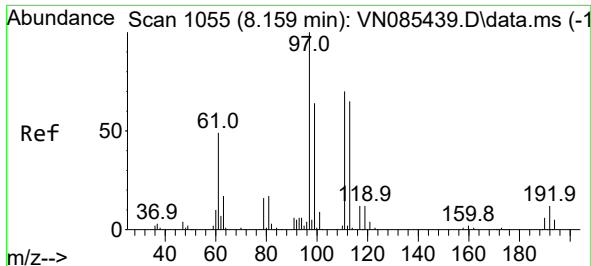


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38



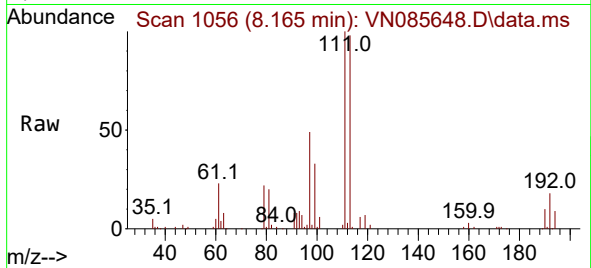
Tgt Ion:114 Resp: 414153
Ion Ratio Lower Upper
114 100
63 20.0 0.0 47.6
88 15.4 0.0 32.6





#35
Dibromofluoromethane
Concen: 55.521 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38

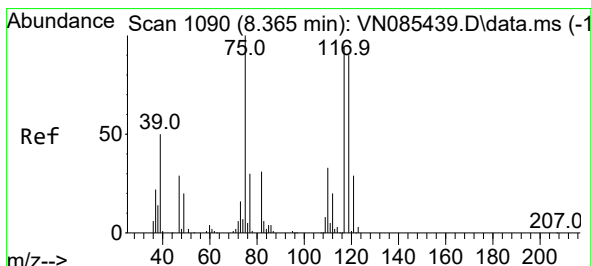
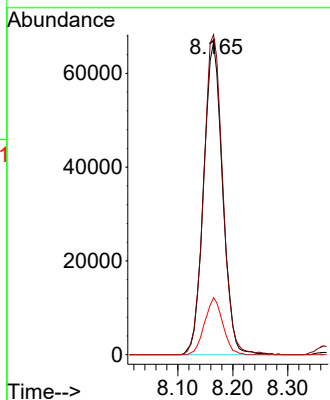
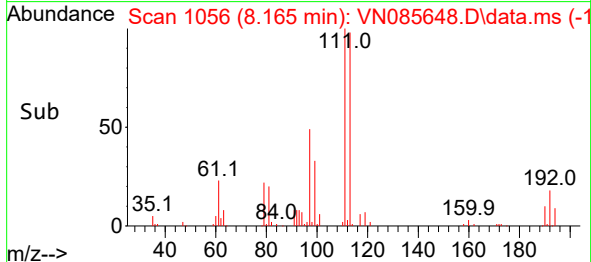
Instrument :
MSVOA_N
ClientSampleId :
VN0204WBS01



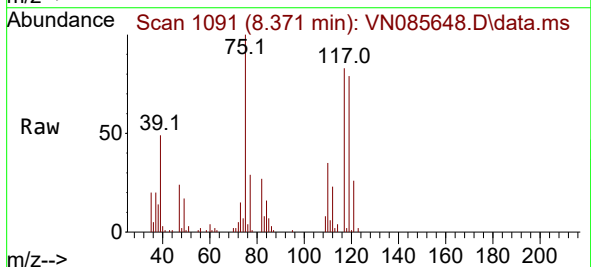
Tgt Ion: 113 Resp: 15952
Ion Ratio Lower Upper
113 100
111 102.9 82.7 124.1
192 17.5 14.3 21.5

Manual Integrations
APPROVED

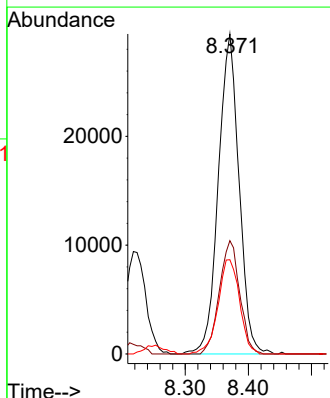
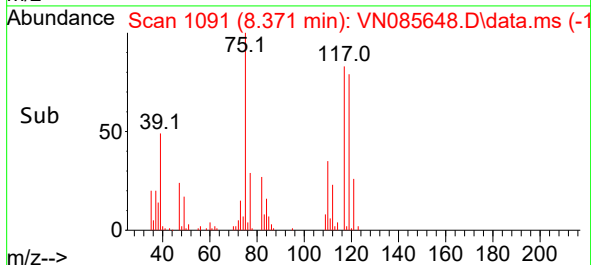
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025

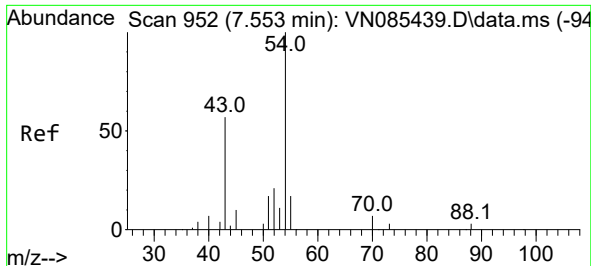


#36
1,1-Dichloropropene
Concen: 16.567 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38



Tgt Ion: 75 Resp: 66806
Ion Ratio Lower Upper
75 100
110 34.9 16.5 49.5
77 30.8 24.4 36.6





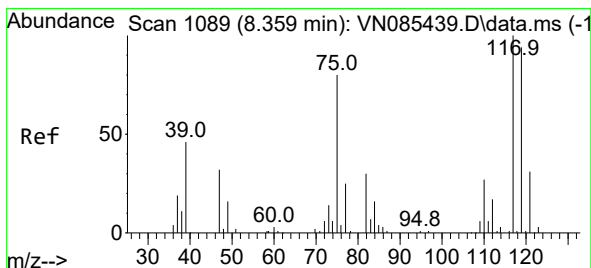
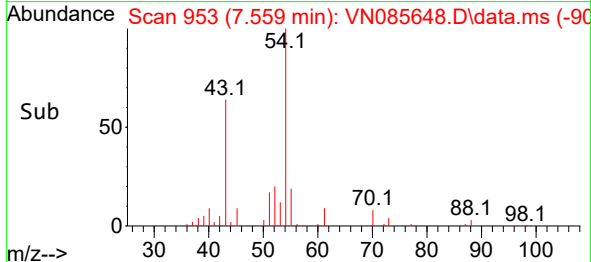
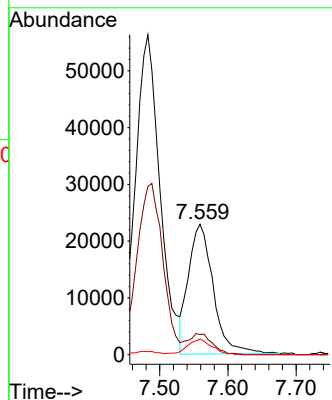
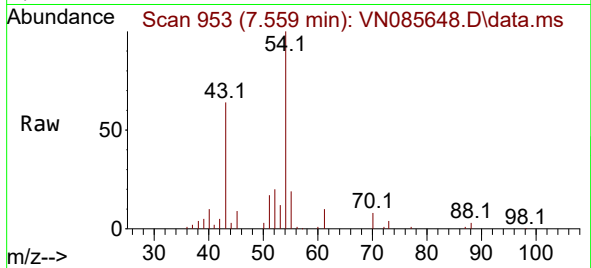
#37
Ethyl Acetate
Concen: 14.170 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38

Instrument :
MSVOA_N
ClientSampleId :
VN0204WBS01

Tgt Ion: 43 Resp: 57674
Ion Ratio Lower Upper
43 100
61 15.0 10.9 16.3
70 11.9 7.5 11.3

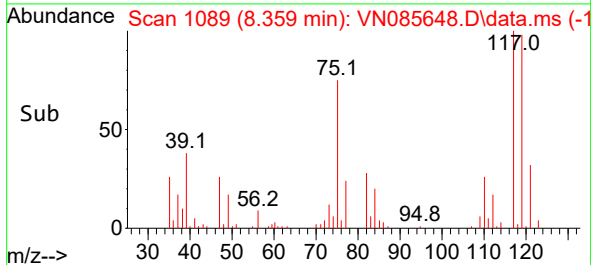
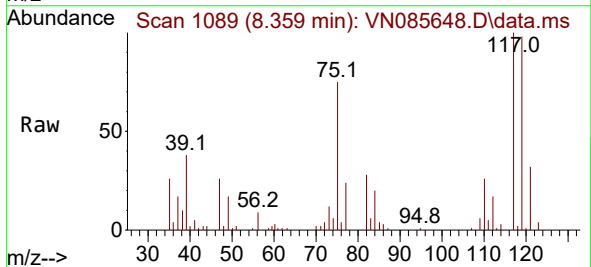
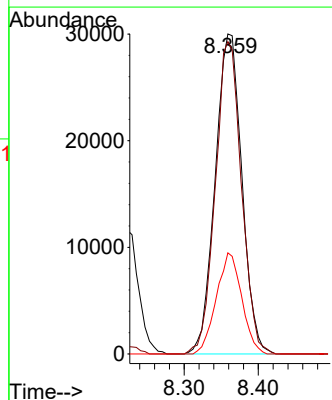
Manual Integrations
APPROVED

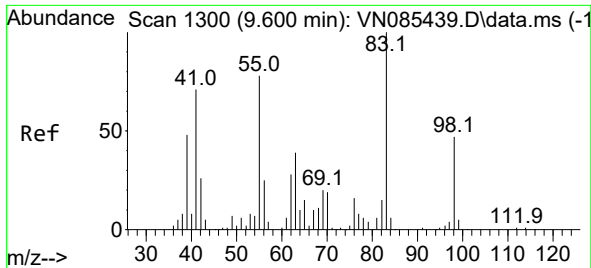
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#38
Carbon Tetrachloride
Concen: 16.250 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38

Tgt Ion:117 Resp: 75019
Ion Ratio Lower Upper
117 100
119 97.6 75.4 113.2
121 31.6 24.6 37.0





#39

Methylcyclohexane

Concen: 17.117 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN085648.D

Acq: 04 Feb 2025 13:38

Instrument :

MSVOA_N

ClientSampleId :

VN0204WBS01

Tgt Ion: 83 Resp: 6486

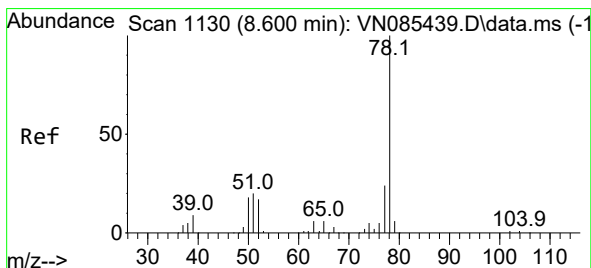
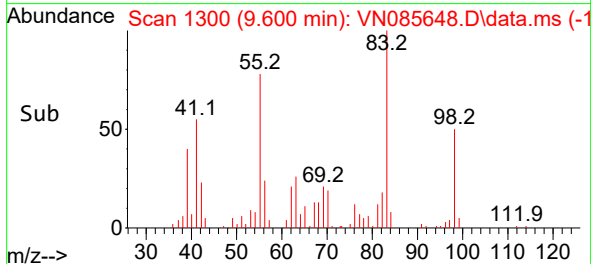
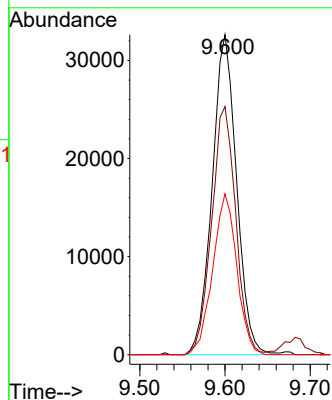
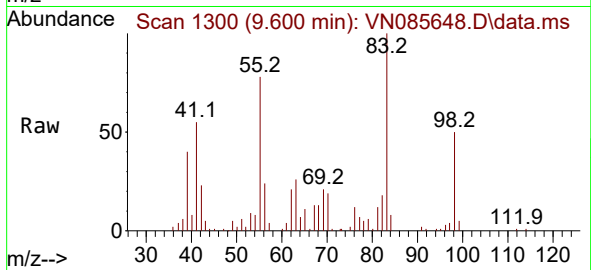
Ion	Ratio	Lower	Upper
83	100		
55	77.6	62.6	94.0
98	50.2	37.7	56.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/05/2025

Supervised By :Mahesh Dadoda 02/06/2025



#40

Benzene

Concen: 17.362 ug/l

RT: 8.606 min Scan# 1131

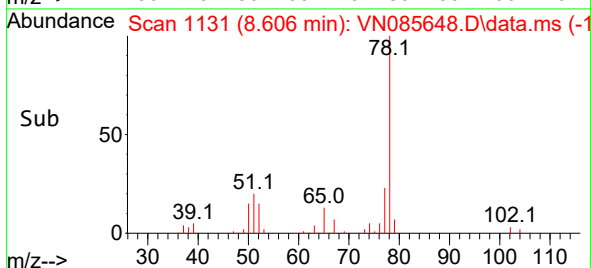
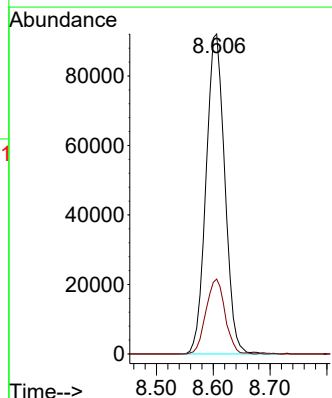
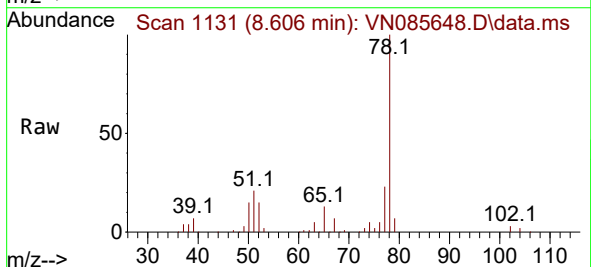
Delta R.T. 0.006 min

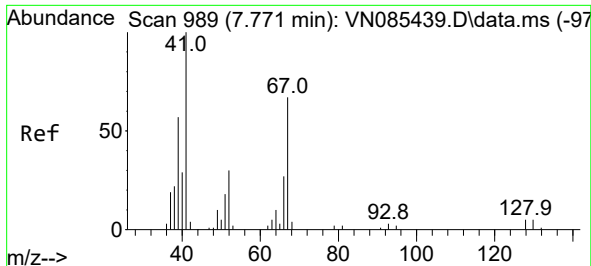
Lab File: VN085648.D

Acq: 04 Feb 2025 13:38

Tgt Ion: 78 Resp: 210366

Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.0	28.6





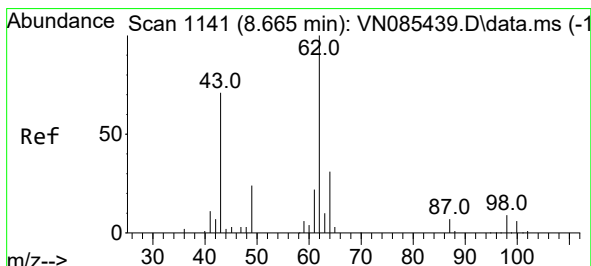
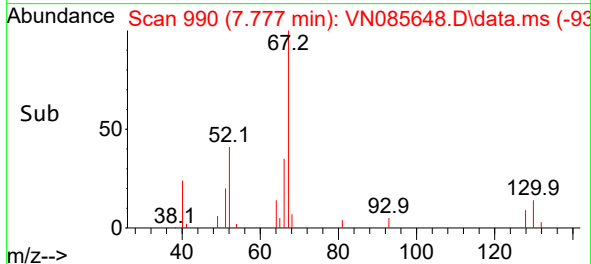
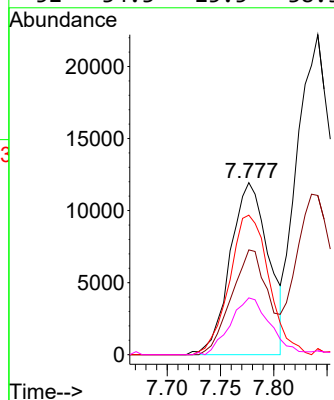
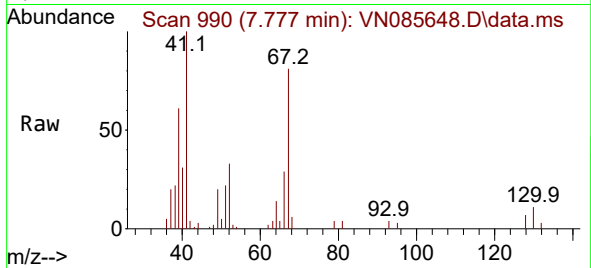
#41
Methacrylonitrile
Concen: 14.168 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38

Instrument :
MSVOA_N
ClientSampleId :
VN0204WBS01

Tgt Ion: 41 Resp: 3000
Ion Ratio Lower Upper
41 100
39 58.7 46.0 69.0
67 83.3 57.4 86.2
52 34.3 25.5 38.3

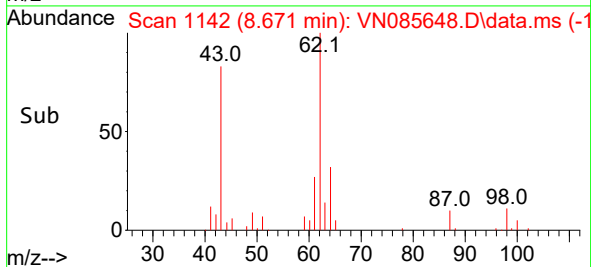
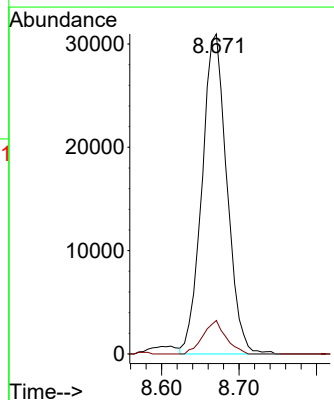
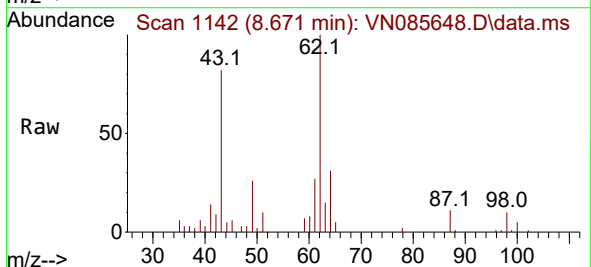
Manual Integrations
APPROVED

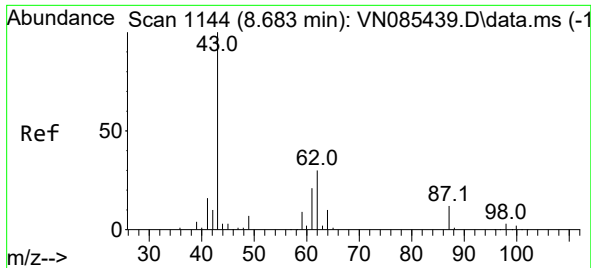
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#42
1,2-Dichloroethane
Concen: 15.160 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38

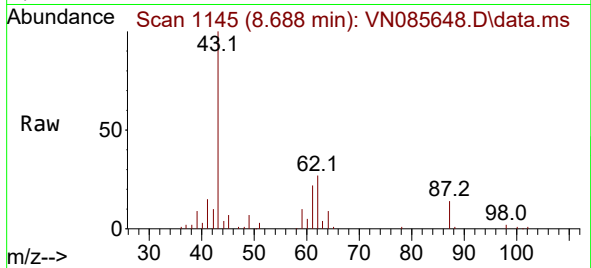
Tgt Ion: 62 Resp: 69180
Ion Ratio Lower Upper
62 100
98 9.6 0.0 17.0





#43
Isopropyl Acetate
Concen: 16.296 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38

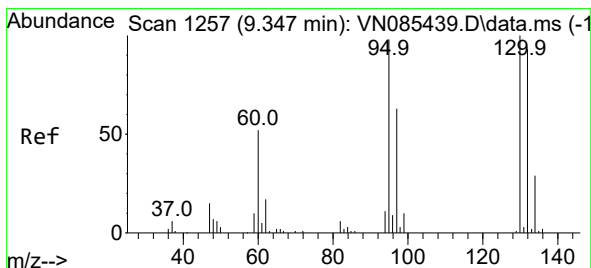
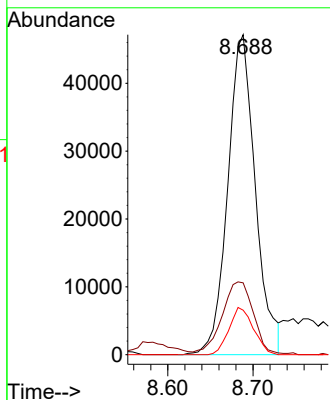
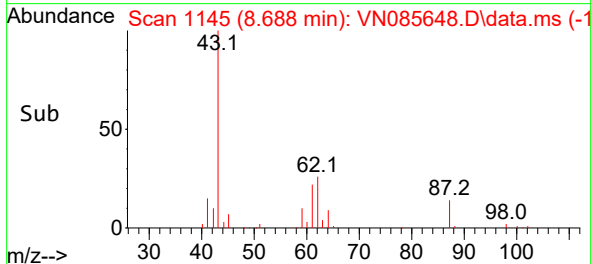
Instrument :
MSVOA_N
ClientSampleId :
VN0204WBS01



Tgt Ion: 43 Resp: 106280
Ion Ratio Lower Upper
43 100
61 26.0 20.7 31.1
87 13.1 9.8 14.8

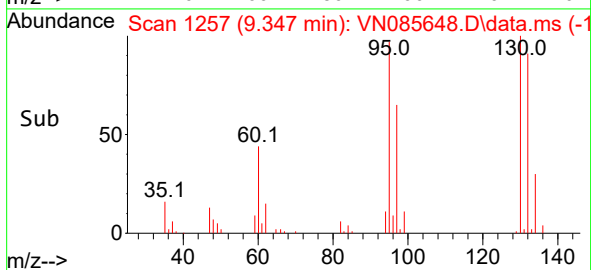
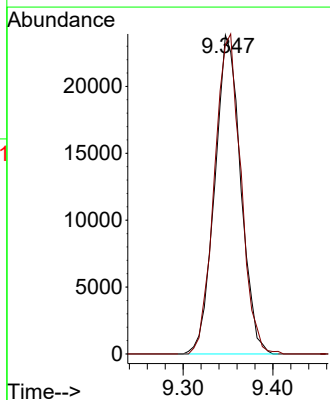
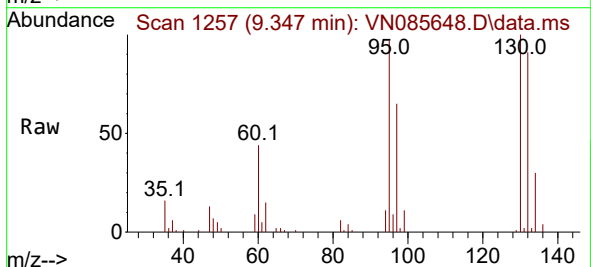
Manual Integrations
APPROVED

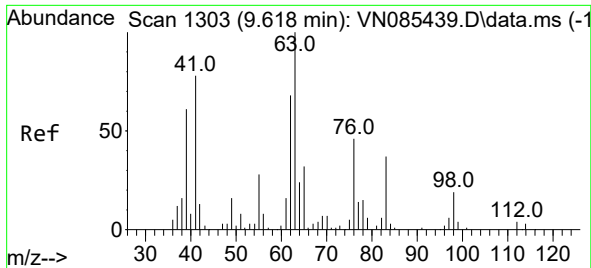
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#44
Trichloroethene
Concen: 16.964 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38

Tgt Ion:130 Resp: 47844
Ion Ratio Lower Upper
130 100
95 97.1 0.0 195.8





#45

1,2-Dichloropropane

Concen: 15.706 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN085648.D

Acq: 04 Feb 2025 13:38

Instrument :

MSVOA_N

ClientSampleId :

VN0204WBS01

Tgt Ion: 63 Resp: 4860

Ion Ratio Lower Upper

63 100

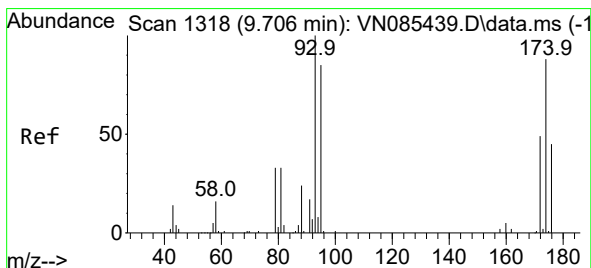
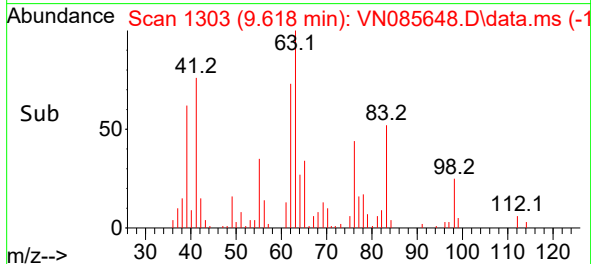
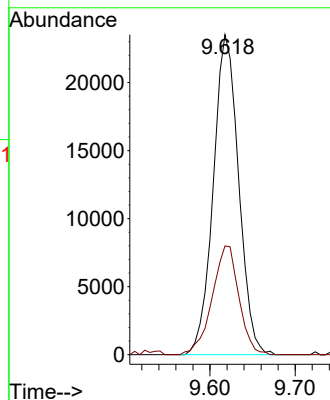
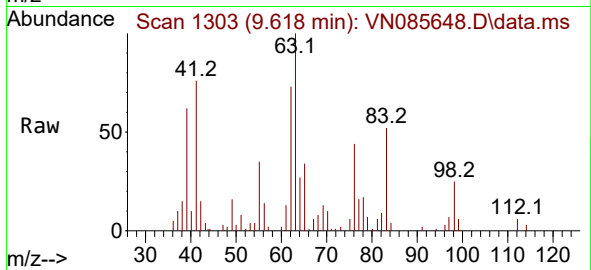
65 34.0 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/05/2025

Supervised By :Mahesh Dadoda 02/06/2025



#46

Dibromomethane

Concen: 16.247 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN085648.D

Acq: 04 Feb 2025 13:38

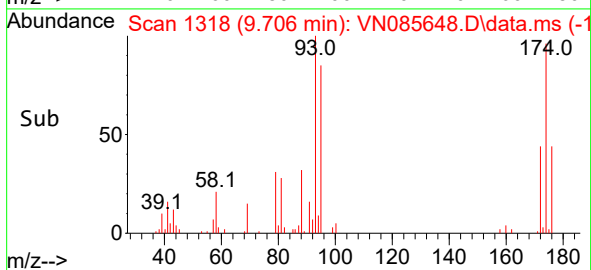
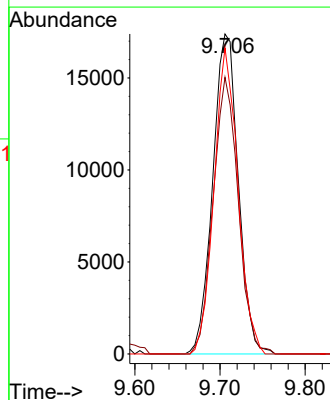
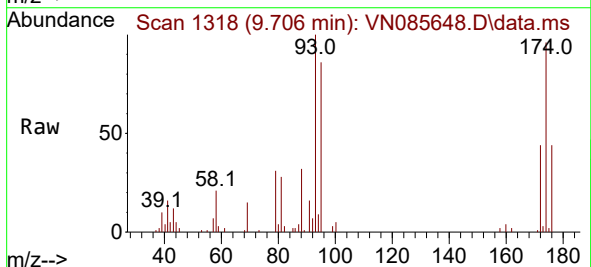
Tgt Ion: 93 Resp: 36282

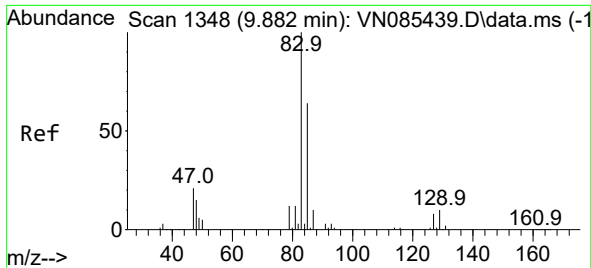
Ion Ratio Lower Upper

93 100

95 84.9 64.7 97.1

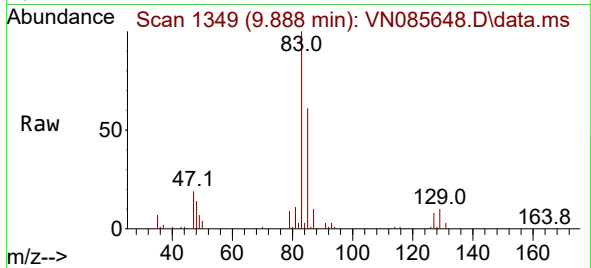
174 89.6 69.0 103.4





#47
Bromodichloromethane
Concen: 16.414 ug/l
RT: 9.888 min Scan# 1348
Delta R.T. 0.006 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38

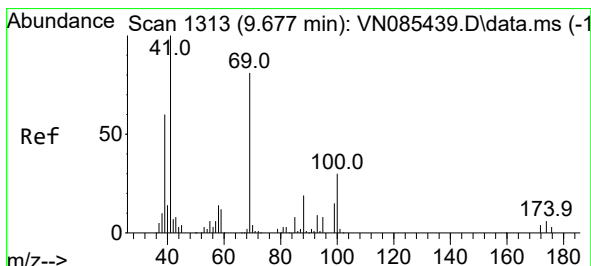
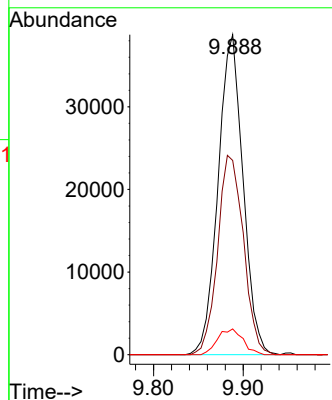
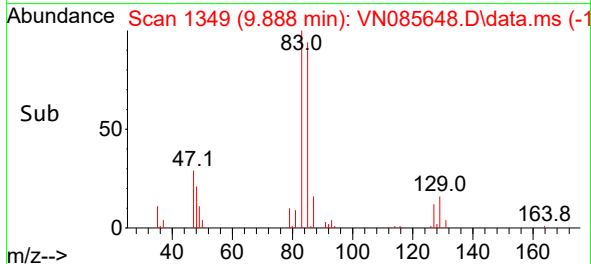
Instrument :
MSVOA_N
ClientSampleId :
VN0204WBS01



Tgt Ion: 83 Resp: 7467
Ion Ratio Lower Upper
83 100
85 60.7 51.2 76.8
127 8.1 6.5 9.7

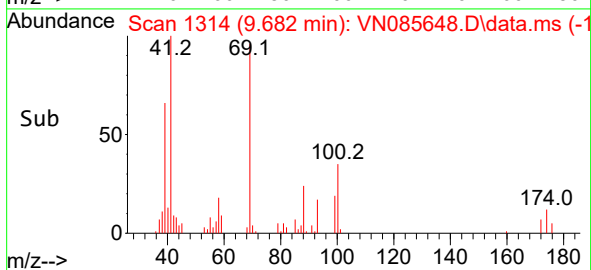
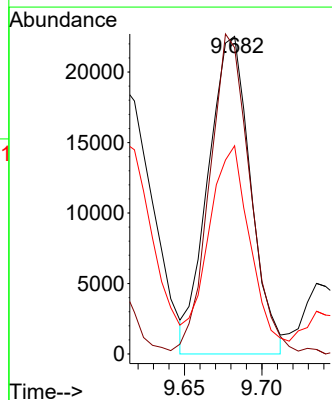
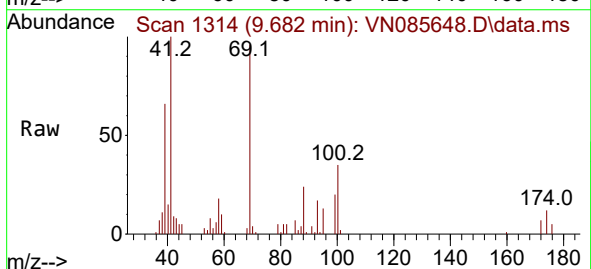
Manual Integrations
APPROVED

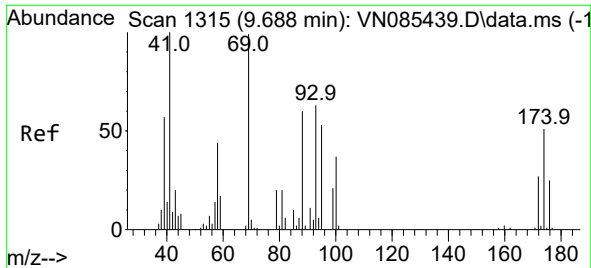
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#48
Methyl methacrylate
Concen: 14.638 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.005 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38

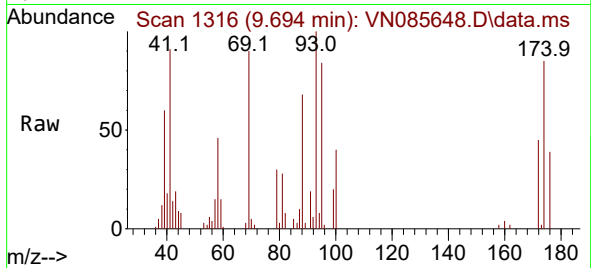
Tgt Ion: 41 Resp: 42964
Ion Ratio Lower Upper
41 100
69 96.4 64.7 97.1
39 65.7 49.0 73.6





#49
1,4-Dioxane
Concen: 335.822 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.006 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38

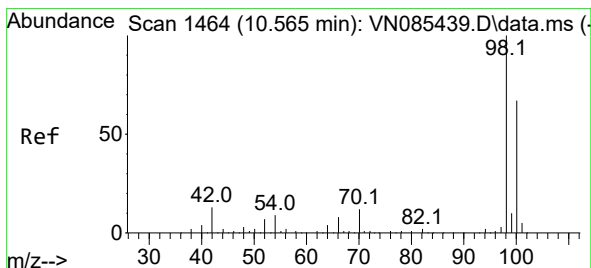
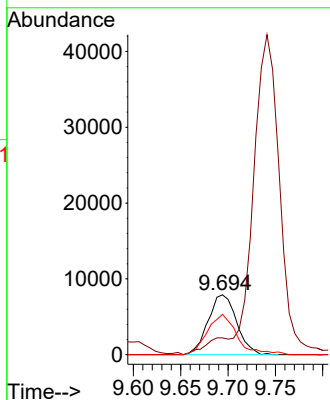
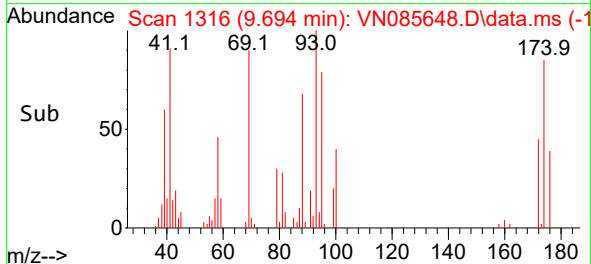
Instrument :
MSVOA_N
ClientSampleId :
VN0204WBS01



Tgt Ion: 88 Resp: 16598
Ion Ratio Lower Upper
88 100
43 0.0 26.6 39.8
58 70.1 59.5 89.3

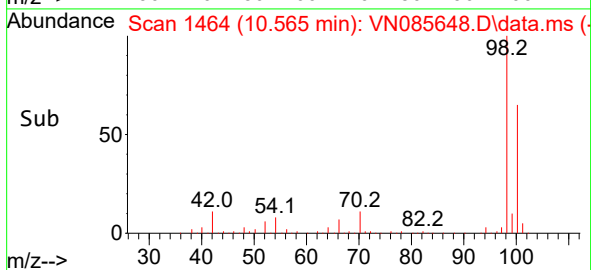
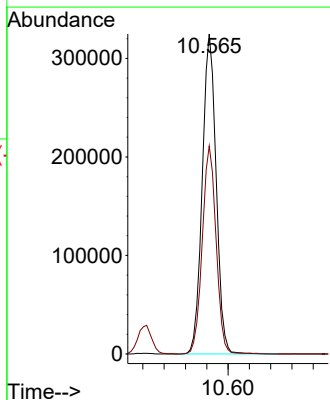
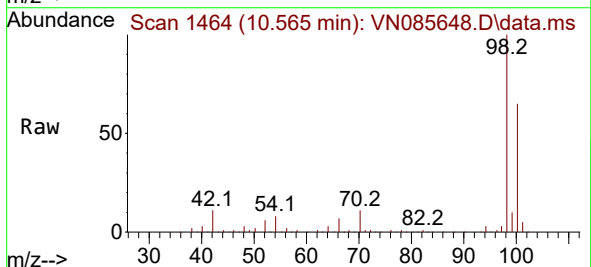
Manual Integrations
APPROVED

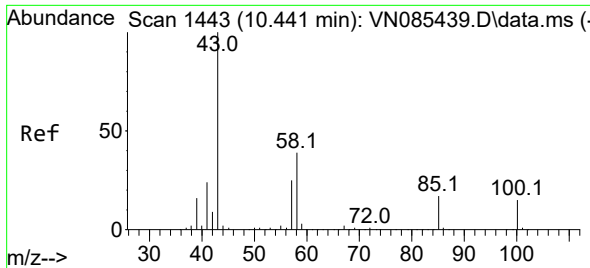
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#50
Toluene-d8
Concen: 57.554 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38

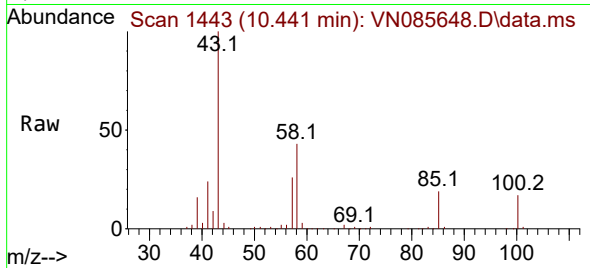
Tgt Ion: 98 Resp: 587536
Ion Ratio Lower Upper
98 100
100 64.7 52.2 78.4





#51
4-Methyl-2-Pentanone
Concen: 79.806 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38

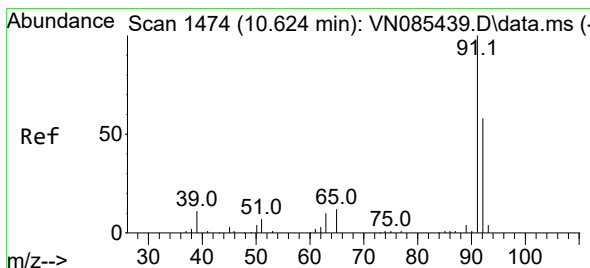
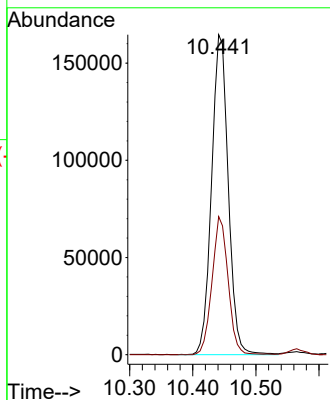
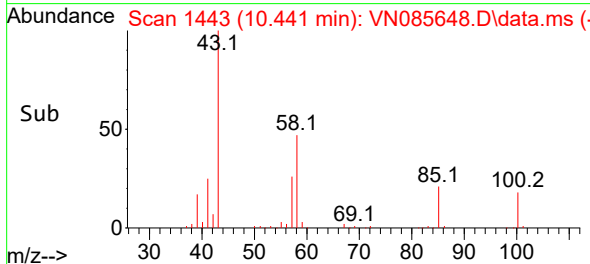
Instrument :
MSVOA_N
ClientSampleId :
VN0204WBS01



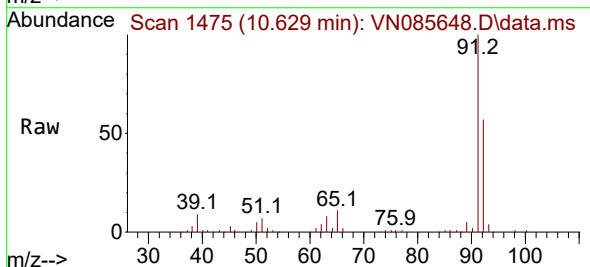
Tgt Ion: 43 Resp: 30203
Ion Ratio Lower Upper
43 100
58 41.5 30.5 45.7

Manual Integrations
APPROVED

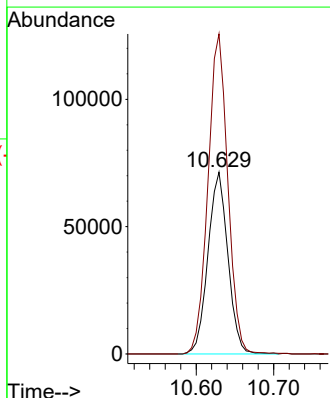
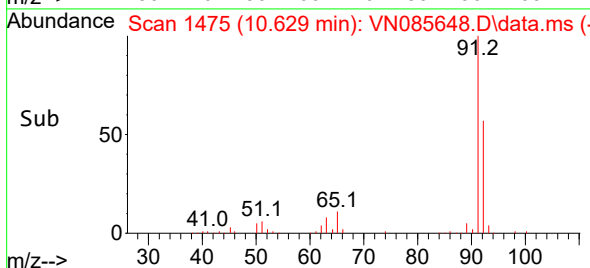
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025

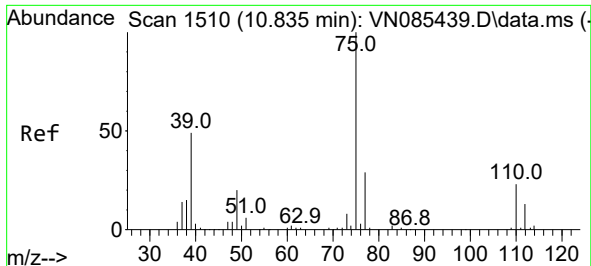


#52
Toluene
Concen: 18.198 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.005 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38



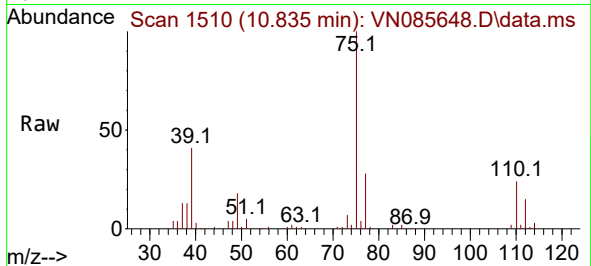
Tgt Ion: 92 Resp: 127757
Ion Ratio Lower Upper
92 100
91 175.2 139.2 208.8





#53
t-1,3-Dichloropropene
Concen: 16.769 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38

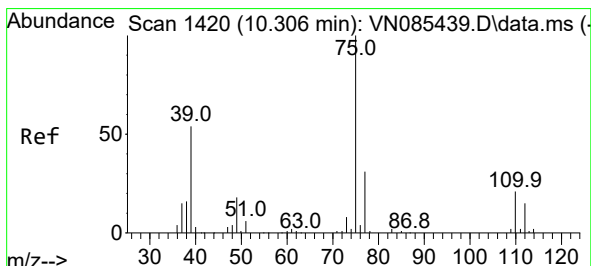
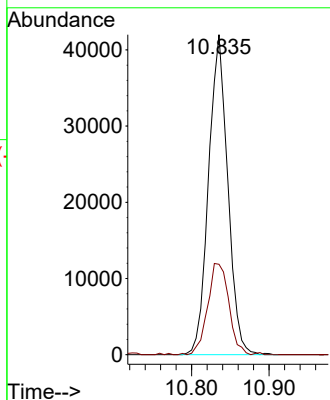
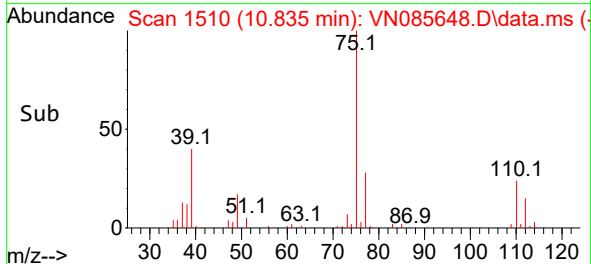
Instrument : MSVOA_N
ClientSampleId : VN0204WBS01



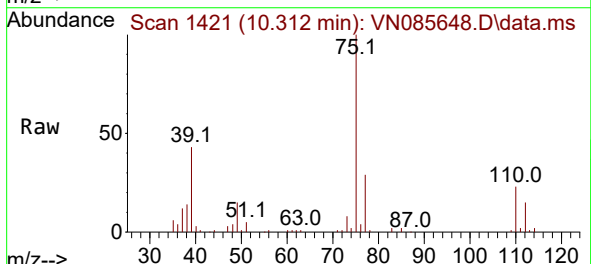
Tgt Ion: 75 Resp: 72098
Ion Ratio Lower Upper
75 100
77 28.3 23.5 35.3

Manual Integrations
APPROVED

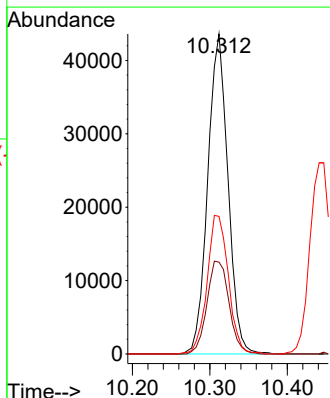
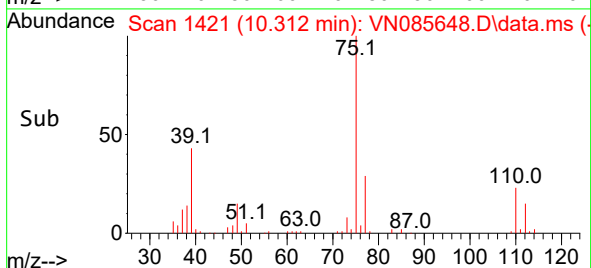
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025

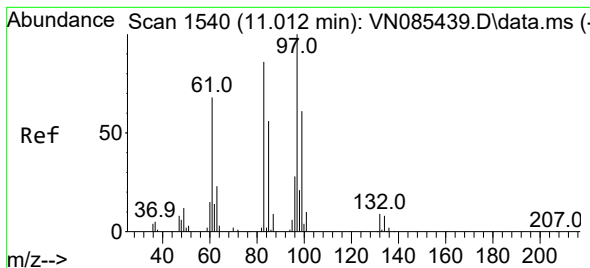


#54
cis-1,3-Dichloropropene
Concen: 17.177 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.006 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38



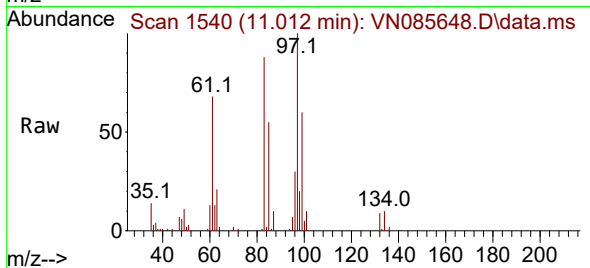
Tgt Ion: 75 Resp: 78886
Ion Ratio Lower Upper
75 100
77 28.7 25.0 37.4
39 43.0 43.1 64.7#





#55
1,1,2-Trichloroethane
Concen: 17.903 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38

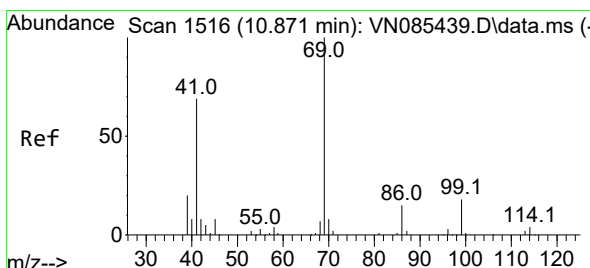
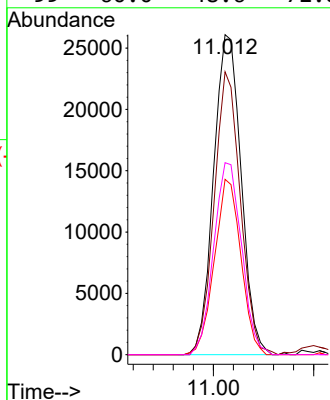
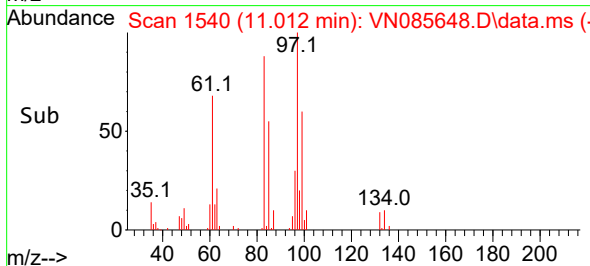
Instrument :
MSVOA_N
ClientSampleId :
VN0204WBS01



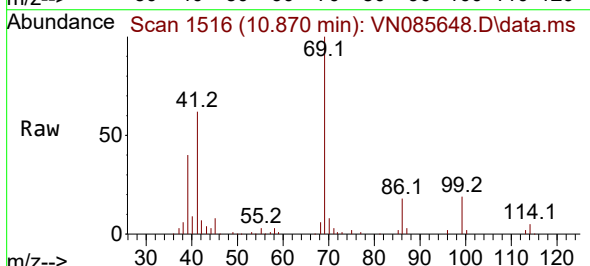
Tgt Ion: 97 Resp: 49739
Ion Ratio Lower Upper
97 100
83 88.4 69.0 103.6
85 54.8 44.6 66.8
99 60.0 48.6 72.8

Manual Integrations
APPROVED

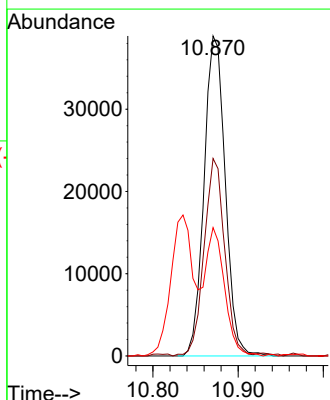
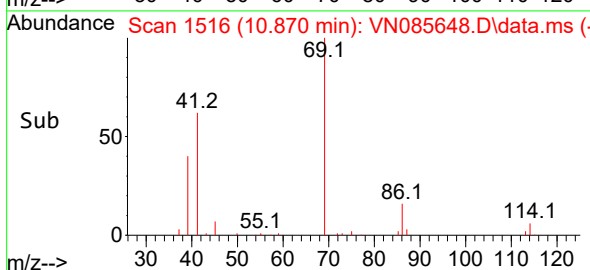
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025

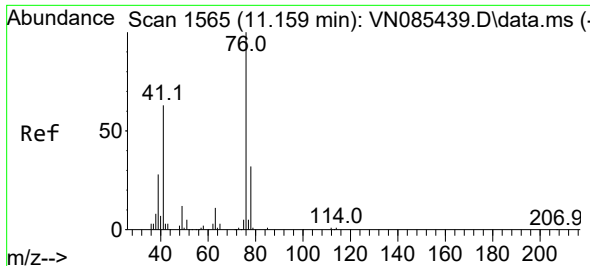


#56
Ethyl methacrylate
Concen: 15.743 ug/l
RT: 10.870 min Scan# 1516
Delta R.T. -0.001 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38



Tgt Ion: 69 Resp: 67241
Ion Ratio Lower Upper
69 100
41 60.3 54.6 82.0
39 37.1 32.4 48.6





#57

1,3-Dichloropropane

Concen: 16.807 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. -0.000 min

Lab File: VN085648.D

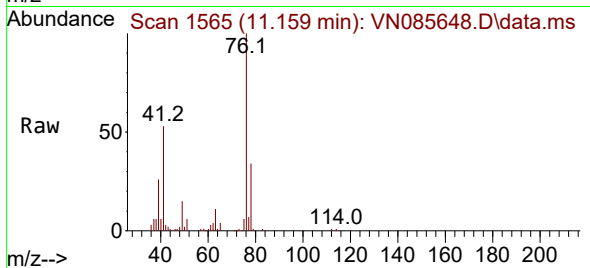
Acq: 04 Feb 2025 13:38

Instrument :

MSVOA_N

ClientSampleId :

VN0204WBS01



Tgt Ion: 76 Resp: 81190

Ion Ratio Lower Upper

76 100

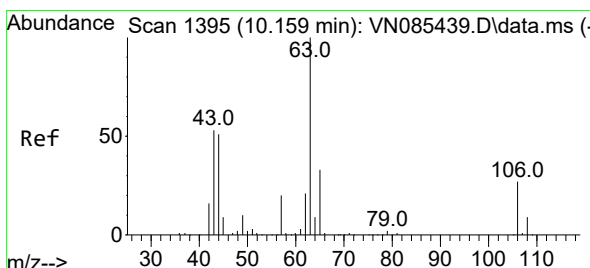
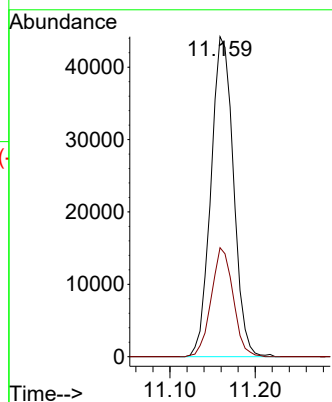
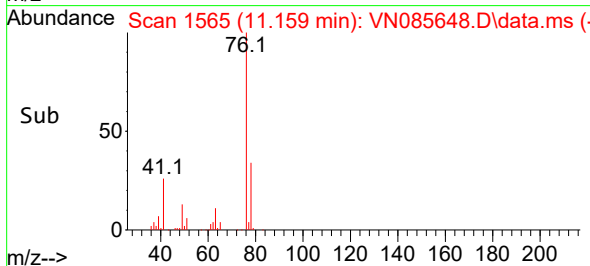
78 33.1 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/05/2025

Supervised By :Mahesh Dadoda 02/06/2025



#58

2-Chloroethyl Vinyl ether

Concen: 72.323 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN085648.D

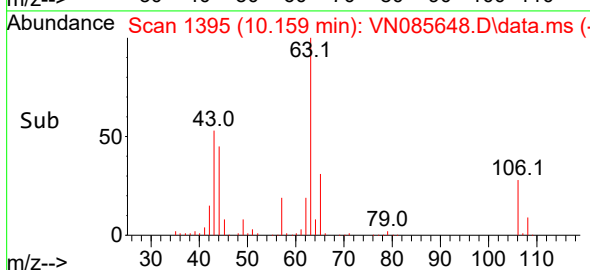
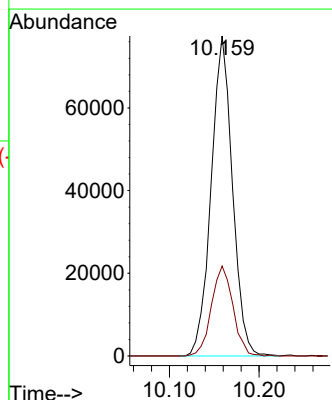
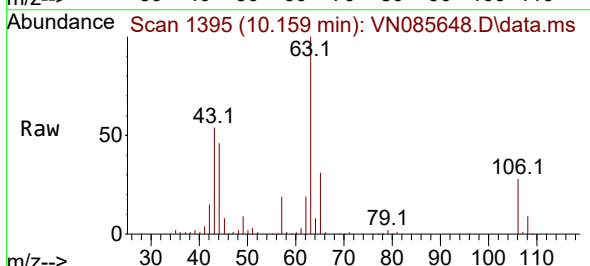
Acq: 04 Feb 2025 13:38

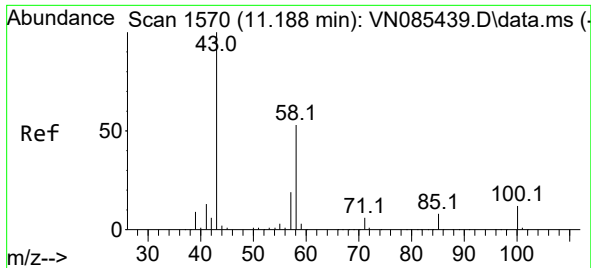
Tgt Ion: 63 Resp: 127513

Ion Ratio Lower Upper

63 100

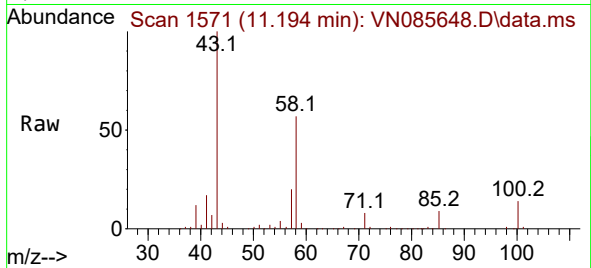
106 28.4 21.6 32.4





#59
2-Hexanone
Concen: 81.820 ug/l
RT: 11.194 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38

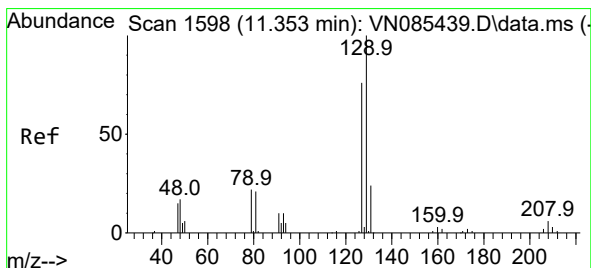
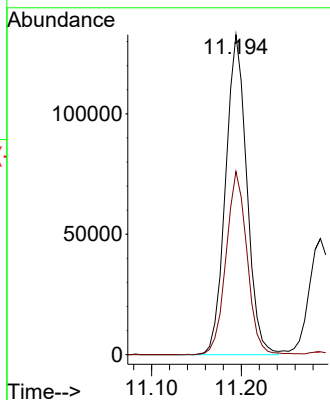
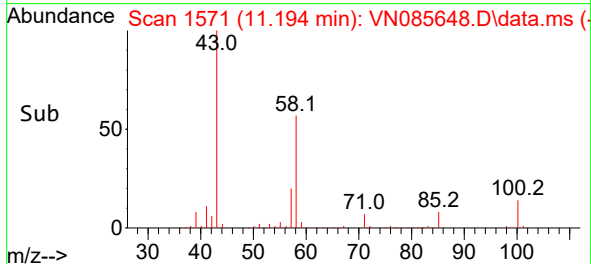
Instrument :
MSVOA_N
ClientSampleId :
VN0204WBS01



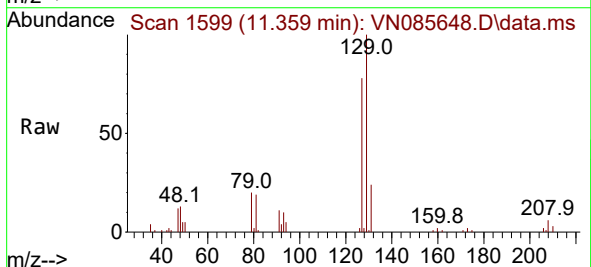
Tgt Ion: 43 Resp: 21788
Ion Ratio Lower Upper
43 100
58 56.8 26.2 78.6

Manual Integrations
APPROVED

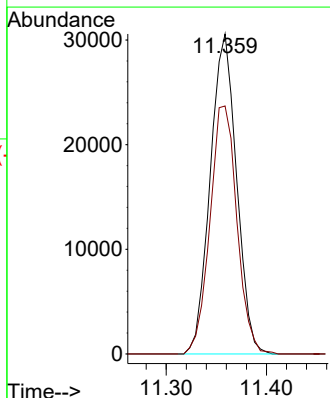
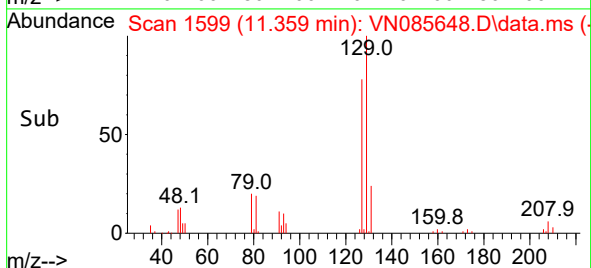
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025

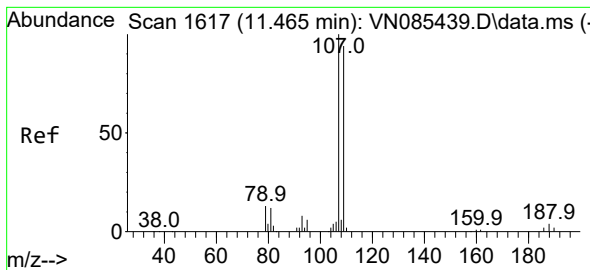


#60
Dibromochloromethane
Concen: 16.618 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38



Tgt Ion:129 Resp: 55739
Ion Ratio Lower Upper
129 100
127 79.4 38.6 115.8





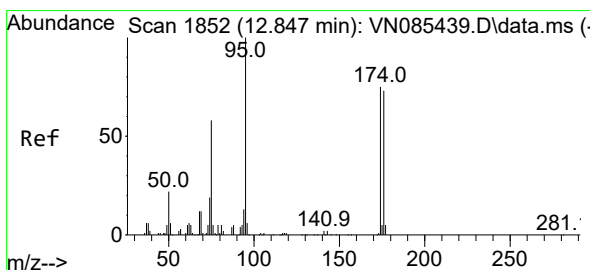
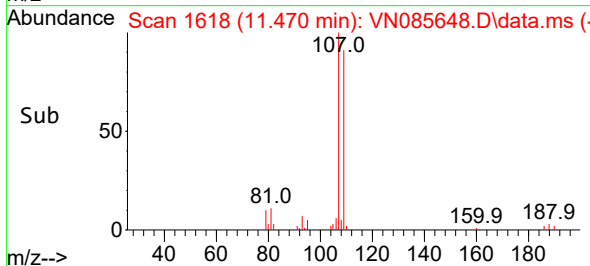
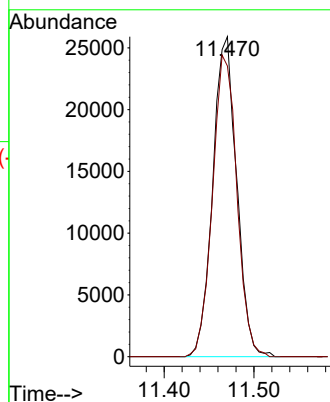
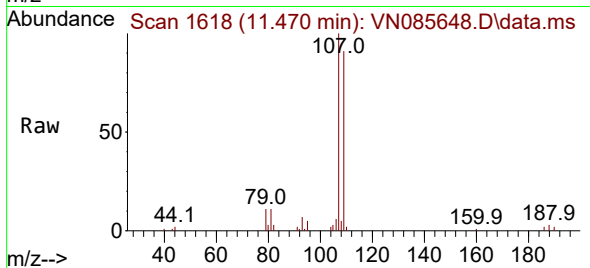
#61
1,2-Dibromoethane
Concen: 17.318 ug/l
RT: 11.470 min Scan# 1617
Delta R.T. 0.006 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38

Instrument :
MSVOA_N
ClientSampleId :
VN0204WBS01

Tgt Ion:107 Resp: 47895
Ion Ratio Lower Upper
107 100
109 96.1 75.9 113.9

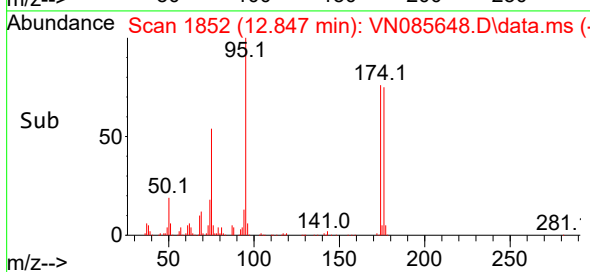
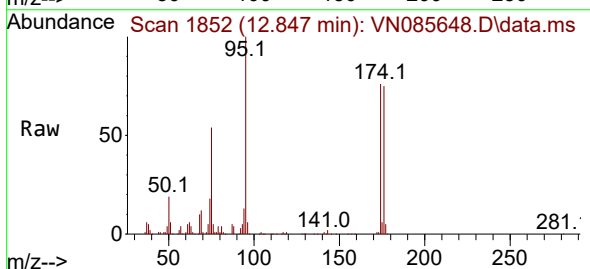
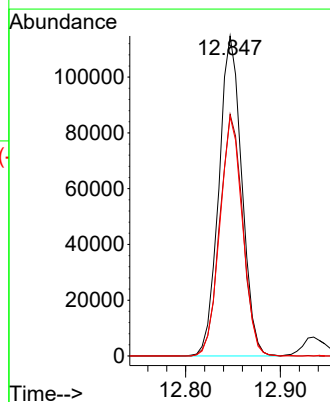
Manual Integrations
APPROVED

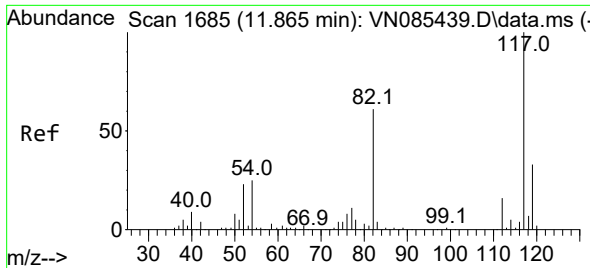
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#62
4-Bromofluorobenzene
Concen: 55.290 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38

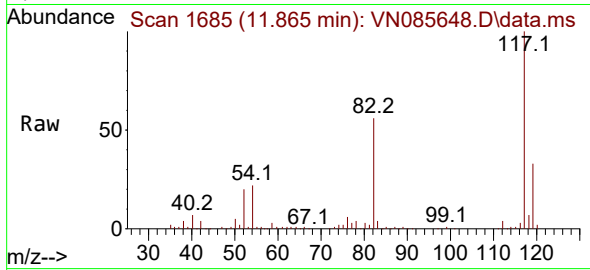
Tgt Ion: 95 Resp: 193075
Ion Ratio Lower Upper
95 100
174 75.4 0.0 145.0
176 73.8 0.0 142.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38

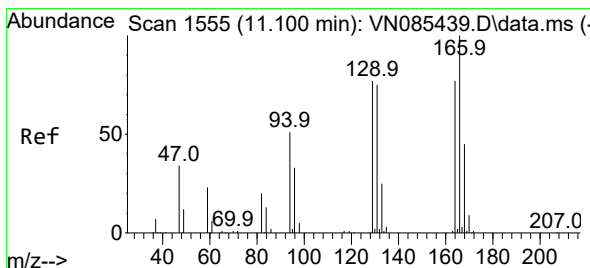
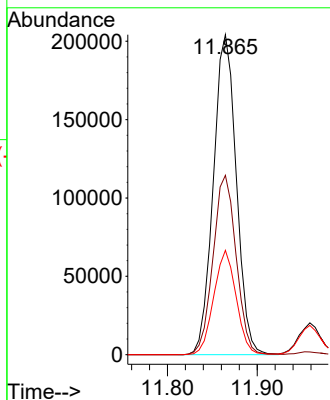
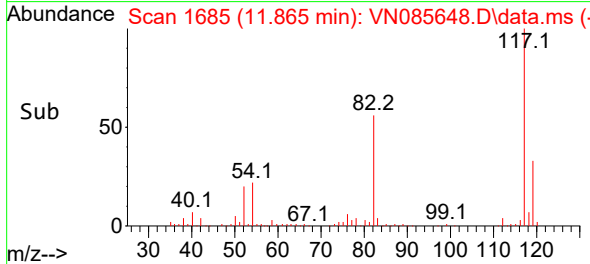
Instrument :
MSVOA_N
ClientSampleId :
VN0204WBS01



Tgt Ion:117 Resp: 363524
Ion Ratio Lower Upper
117 100
82 56.0 48.6 72.8
119 32.6 26.6 39.8

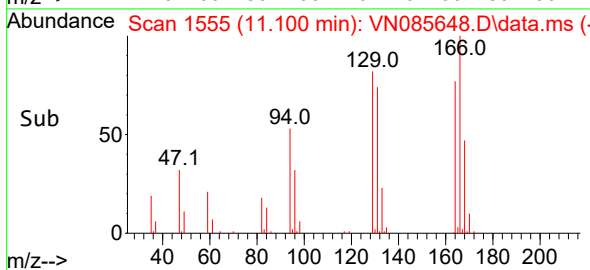
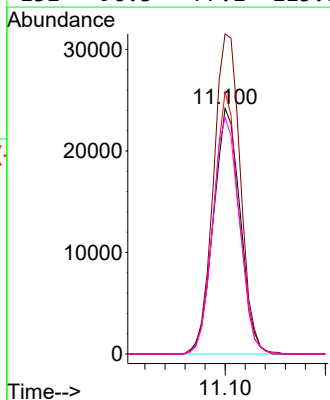
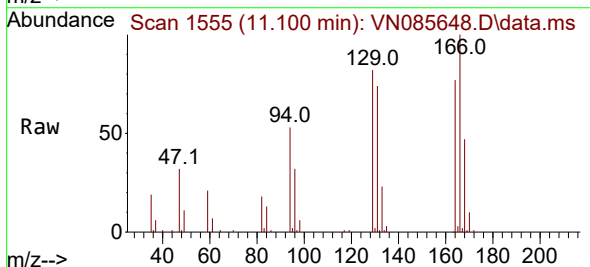
Manual Integrations
APPROVED

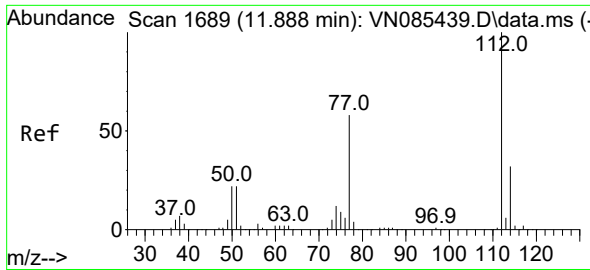
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#64
Tetrachloroethene
Concen: 18.031 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38

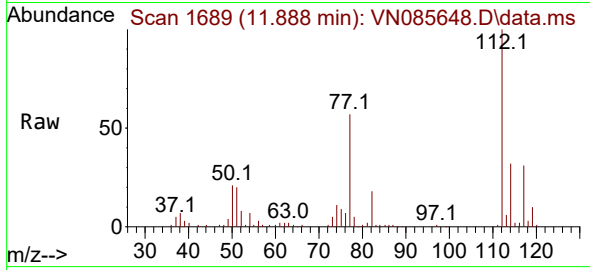
Tgt Ion:164 Resp: 44685
Ion Ratio Lower Upper
164 100
166 130.4 103.4 155.2
129 106.8 79.2 118.8
131 96.3 77.1 115.7





#65
Chlorobenzene
Concen: 17.603 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38

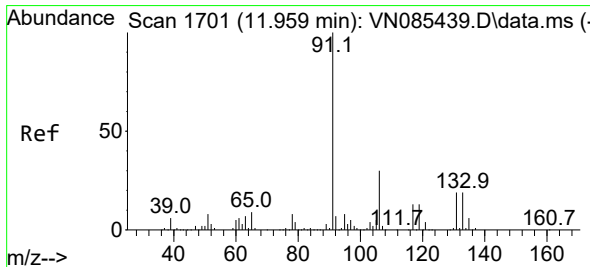
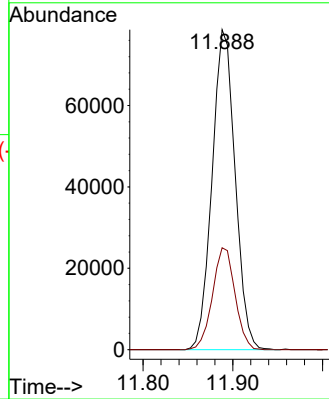
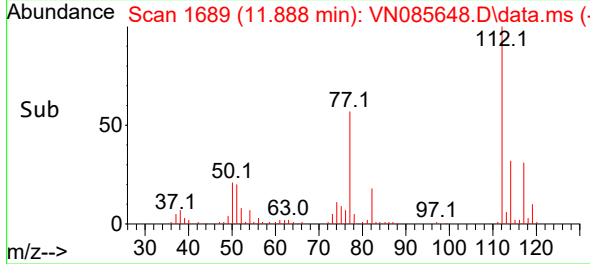
Instrument :
MSVOA_N
ClientSampleId :
VN0204WBS01



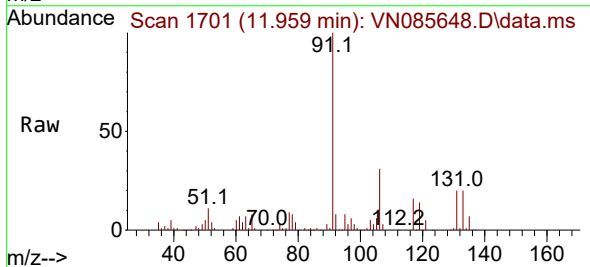
Tgt Ion:112 Resp: 14018
Ion Ratio Lower Upper
112 100
114 31.9 25.3 37.9

Manual Integrations
APPROVED

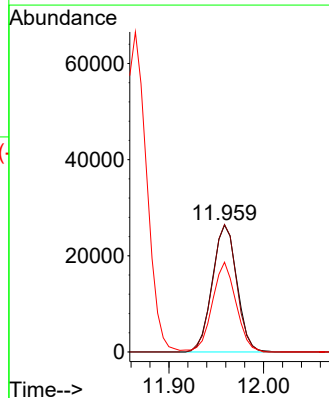
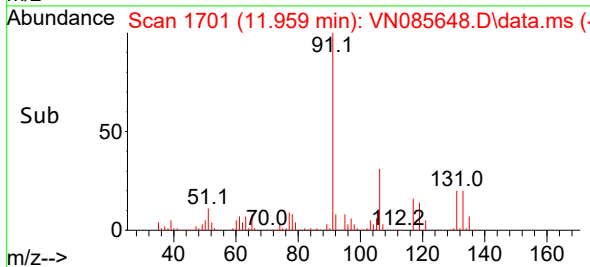
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025

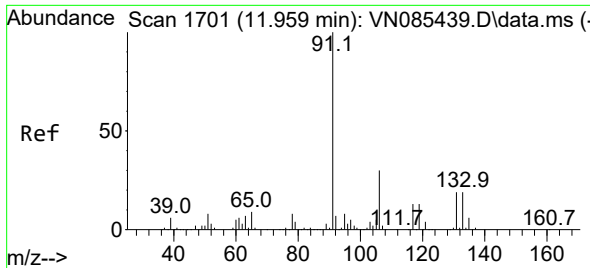


#66
1,1,1,2-Tetrachloroethane
Concen: 16.300 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38



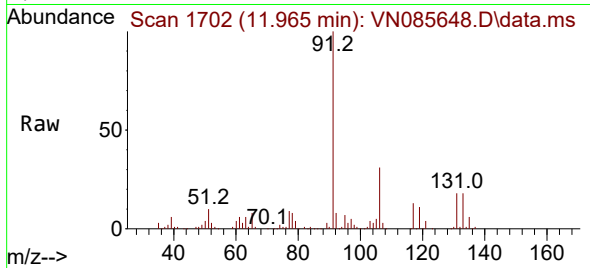
Tgt Ion:131 Resp: 47641
Ion Ratio Lower Upper
131 100
133 98.7 47.4 142.3
119 67.5 33.1 99.5





#67
Ethyl Benzene
Concen: 17.319 ug/l
RT: 11.965 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38

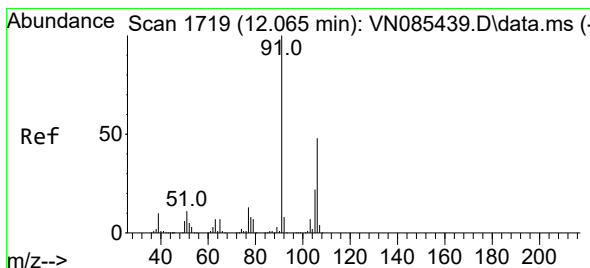
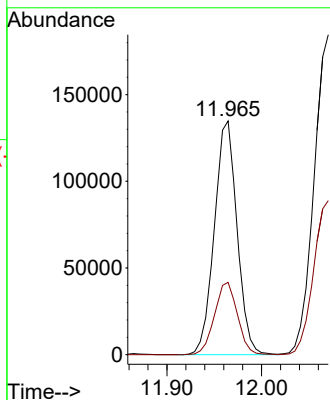
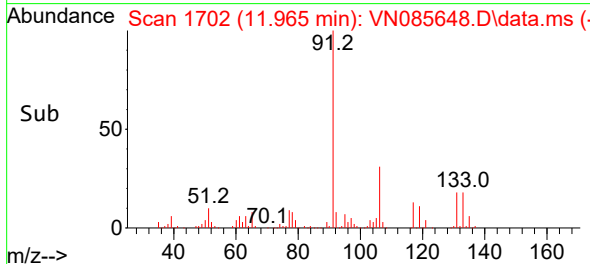
Instrument :
MSVOA_N
ClientSampleId :
VN0204WBS01



Tgt Ion: 91 Resp: 224640
Ion Ratio Lower Upper
91 100
106 31.0 23.8 35.8

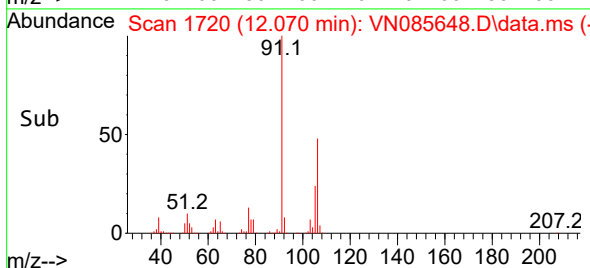
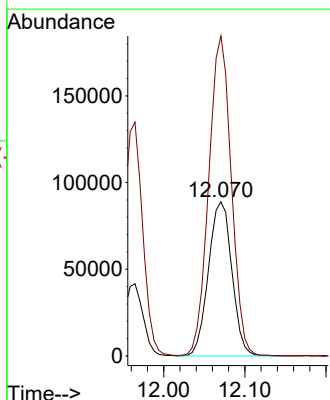
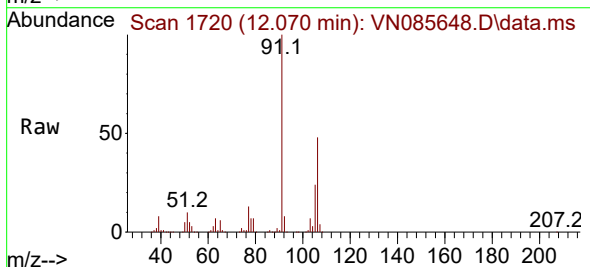
Manual Integrations
APPROVED

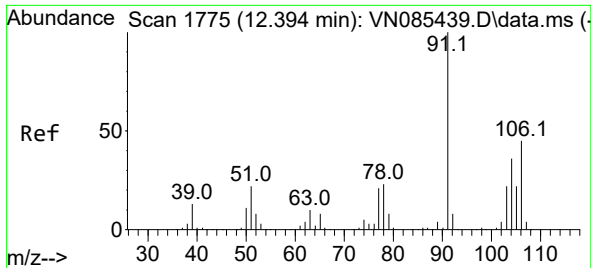
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#68
m/p-Xylenes
Concen: 37.160 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38

Tgt Ion:106 Resp: 178133
Ion Ratio Lower Upper
106 100
91 200.0 167.7 251.5





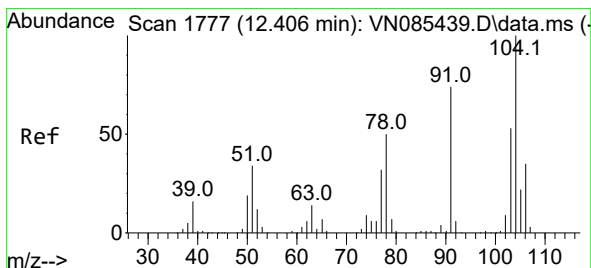
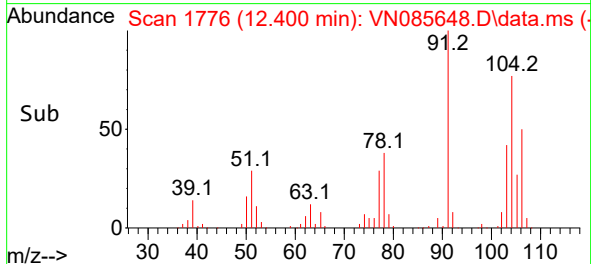
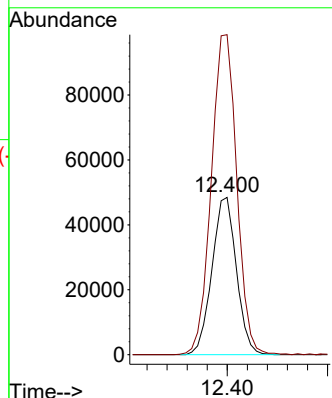
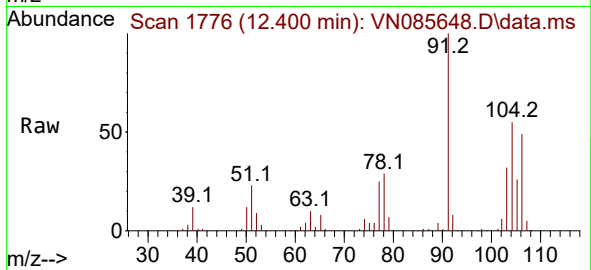
#69
o-Xylene
Concen: 17.876 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38

Instrument :
MSVOA_N
ClientSampleId :
VN0204WBS01

Tgt Ion:106 Resp: 8189
Ion Ratio Lower Upper
106 100
91 212.0 110.4 331.2

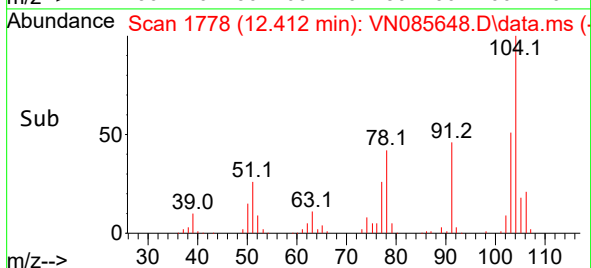
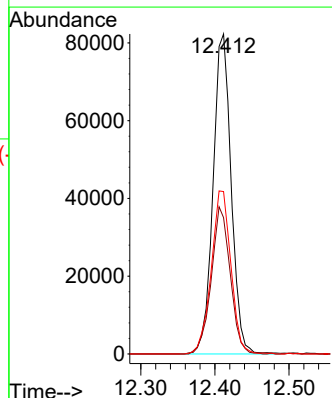
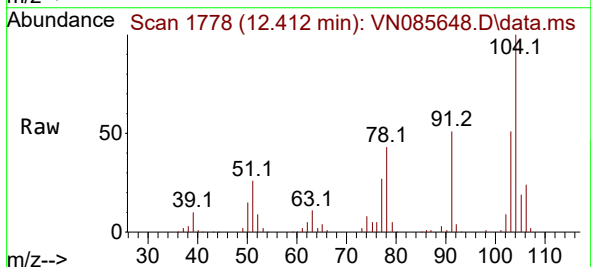
Manual Integrations
APPROVED

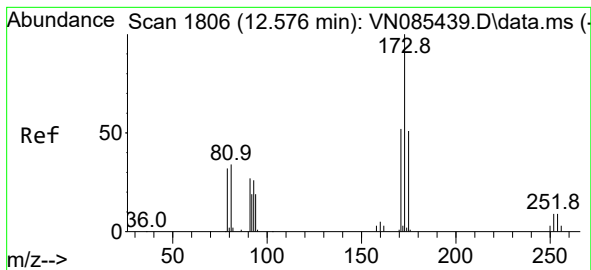
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#70
Styrene
Concen: 18.428 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38

Tgt Ion:104 Resp: 139717
Ion Ratio Lower Upper
104 100
78 47.9 42.5 63.7
103 55.3 43.8 65.8





#71

Bromoform

Concen: 17.304 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VN085648.D

Acq: 04 Feb 2025 13:38

Instrument :

MSVOA_N

ClientSampleId :

VN0204WBS01

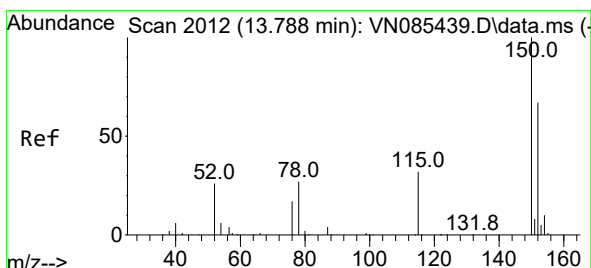
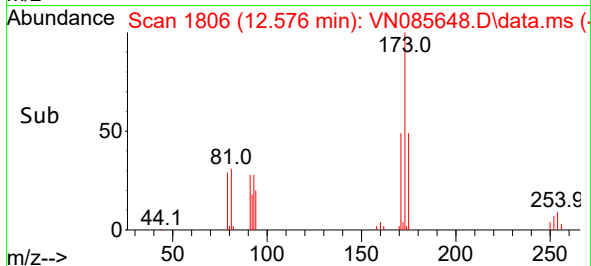
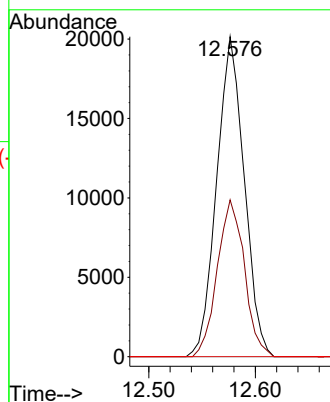
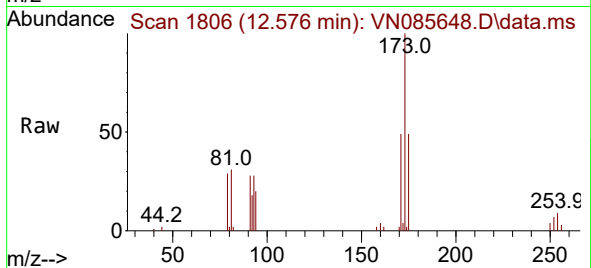
Tgt Ion:173 Resp: 36188
 Ion Ratio Lower Upper
 173 100
 175 48.2 24.4 73.2
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/05/2025

Supervised By :Mahesh Dadoda 02/06/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

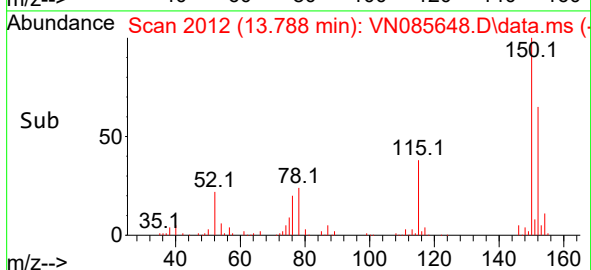
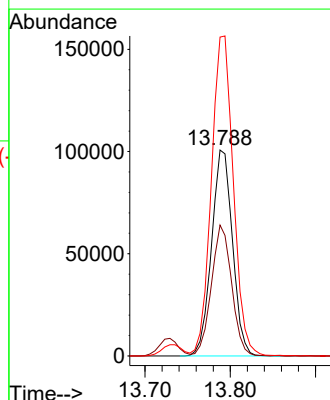
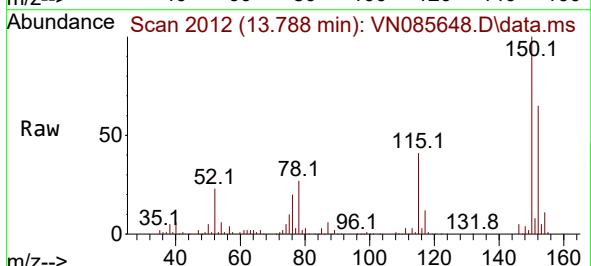
RT: 13.788 min Scan# 2012

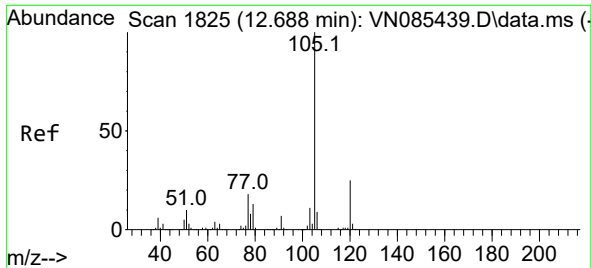
Delta R.T. -0.000 min

Lab File: VN085648.D

Acq: 04 Feb 2025 13:38

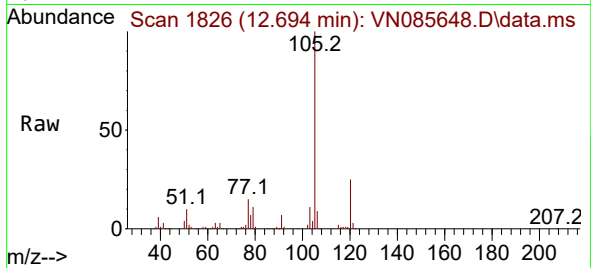
Tgt Ion:152 Resp: 172133
 Ion Ratio Lower Upper
 152 100
 115 61.5 31.1 93.3
 150 163.0 0.0 343.6





#73
Isopropylbenzene
Concen: 17.548 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38

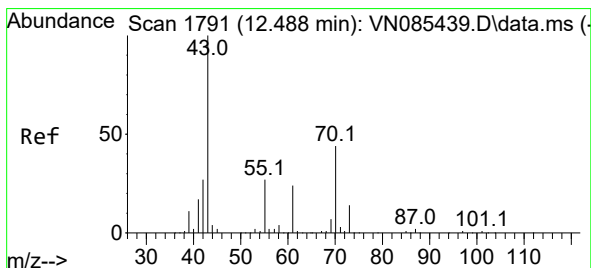
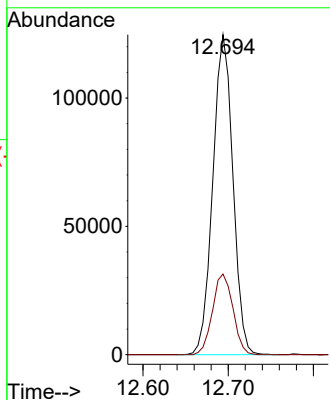
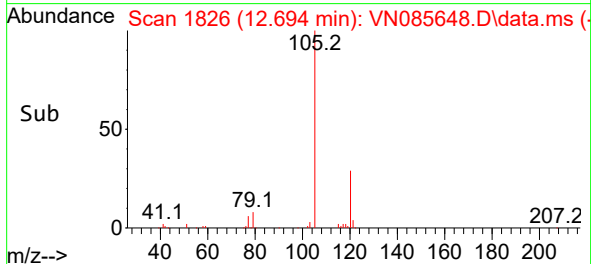
Instrument :
MSVOA_N
ClientSampleId :
VN0204WBS01



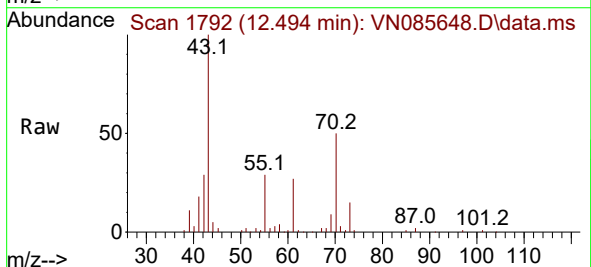
Tgt Ion: 105 Resp: 203862
Ion Ratio Lower Upper
105 100
120 25.6 12.8 38.3

Manual Integrations
APPROVED

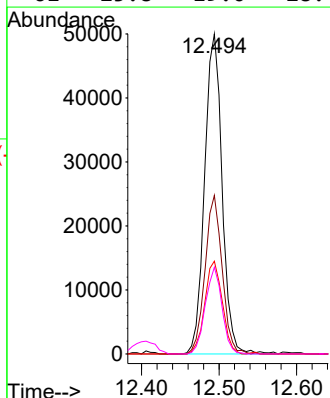
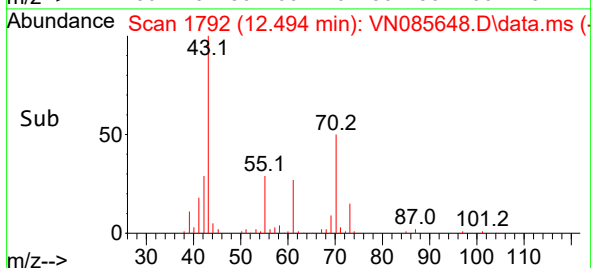
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025

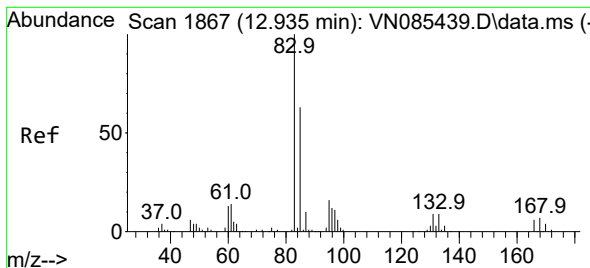


#74
N-ethyl acetate
Concen: 15.016 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38



Tgt Ion: 43 Resp: 78413
Ion Ratio Lower Upper
43 100
70 48.4 34.0 51.0
55 29.1 21.4 32.2
61 25.8 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 17.095 ug/l

RT: 12.935 min Scan# 1867

Delta R.T. -0.000 min

Lab File: VN085648.D

Acq: 04 Feb 2025 13:38

Instrument :

MSVOA_N

ClientSampleId :

VN0204WBS01

Tgt Ion: 83 Resp: 7015

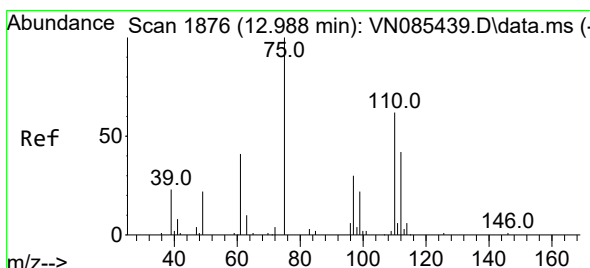
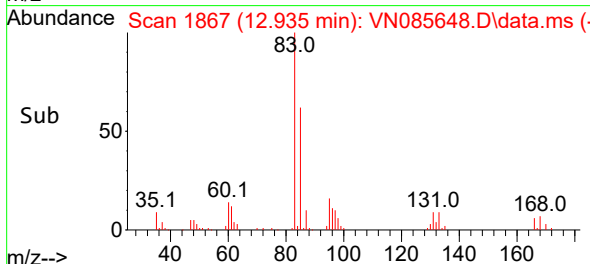
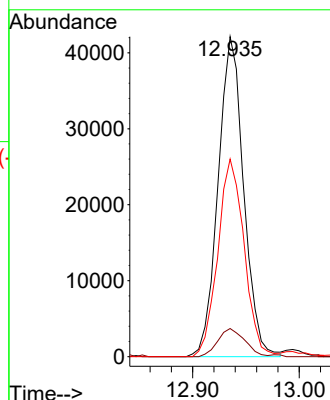
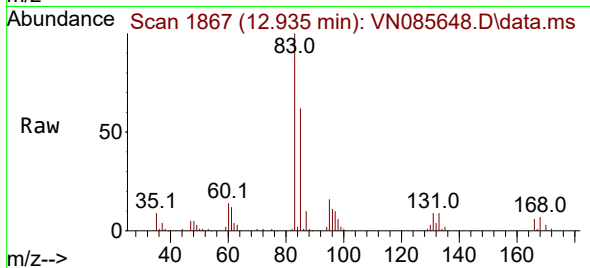
Ion	Ratio	Lower	Upper
83	100		
131	9.5	4.8	14.4
85	63.5	32.2	96.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/05/2025

Supervised By :Mahesh Dadoda 02/06/2025



#76

1,2,3-Trichloropropane

Concen: 18.480 ug/l m

RT: 12.994 min Scan# 1877

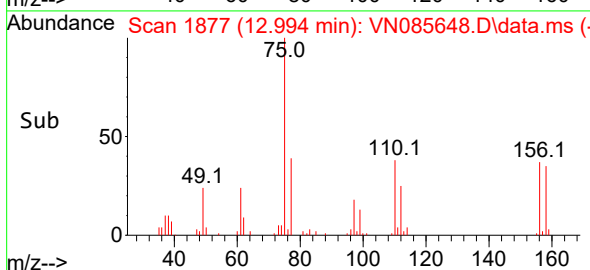
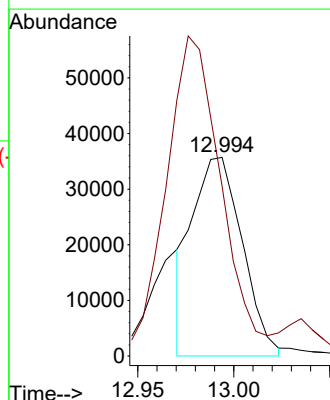
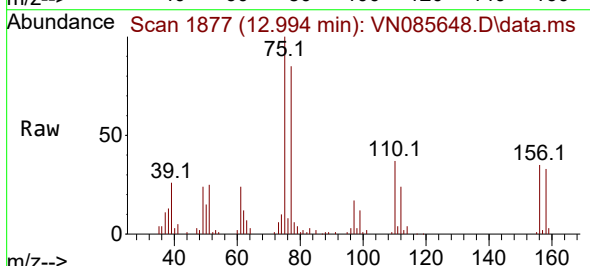
Delta R.T. 0.006 min

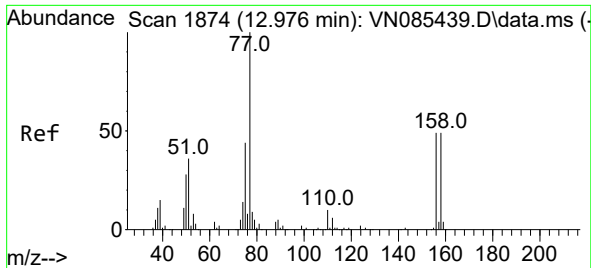
Lab File: VN085648.D

Acq: 04 Feb 2025 13:38

Tgt Ion: 75 Resp: 64655

Ion	Ratio	Lower	Upper
75	100		
77	177.0	109.7	329.2





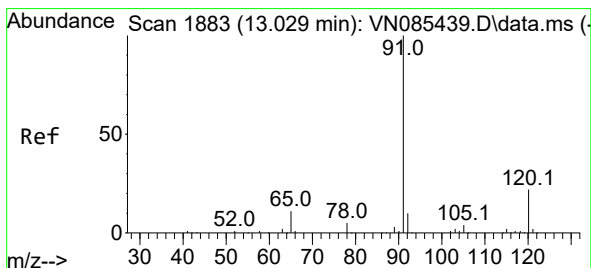
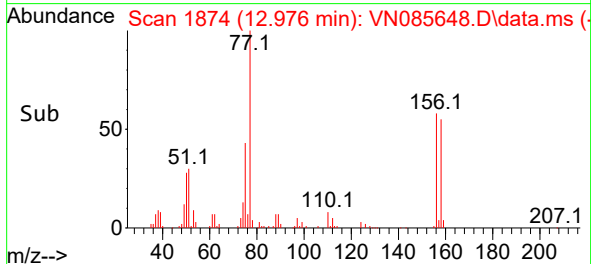
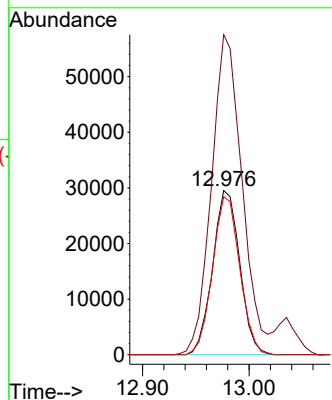
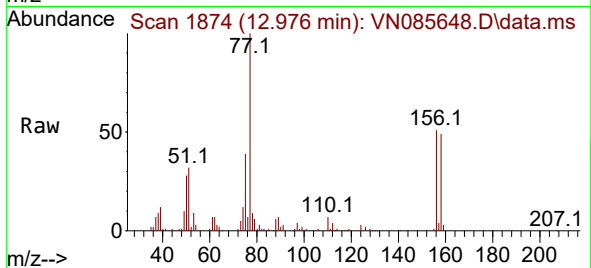
#77
Bromobenzene
Concen: 17.153 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38

Instrument :
MSVOA_N
ClientSampleId :
VN0204WBS01

Tgt Ion:156 Resp: 52063
Ion Ratio Lower Upper
156 100
77 219.9 114.1 342.4
158 96.7 48.9 146.8

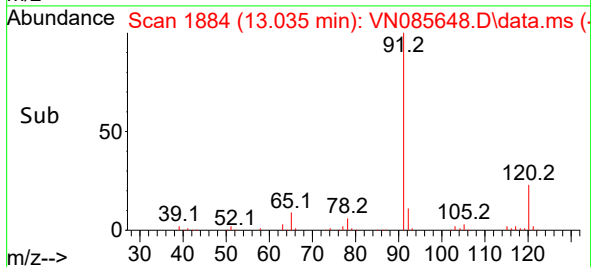
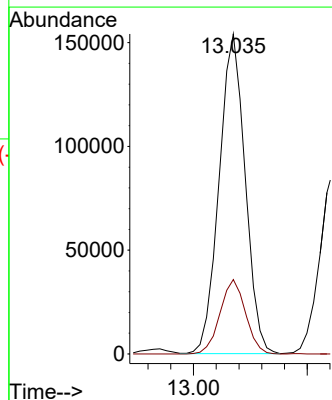
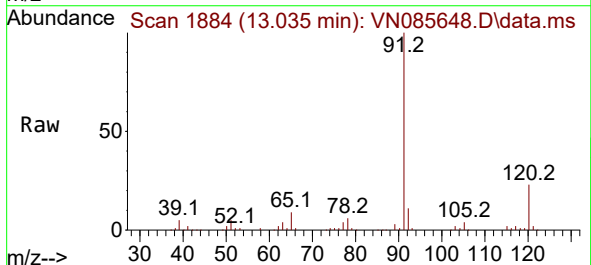
Manual Integrations
APPROVED

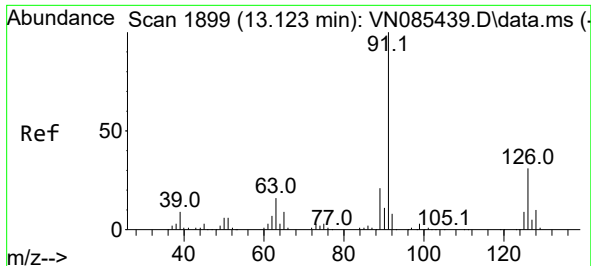
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#78
n-propylbenzene
Concen: 17.785 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38

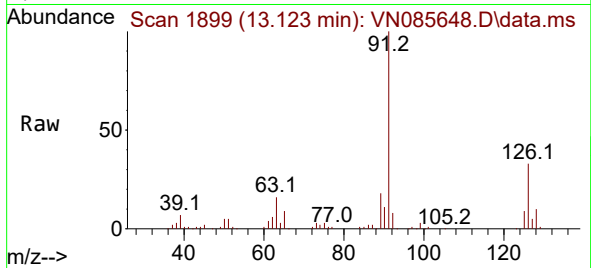
Tgt Ion: 91 Resp: 244603
Ion Ratio Lower Upper
91 100
120 22.8 10.9 32.6





#79
2-Chlorotoluene
Concen: 17.026 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38

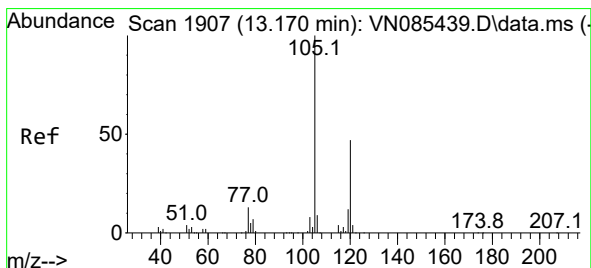
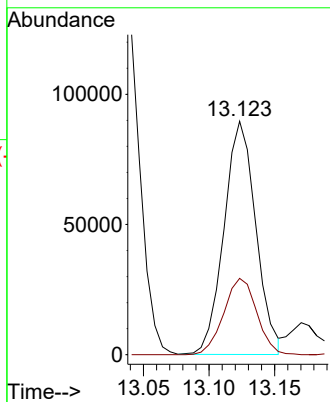
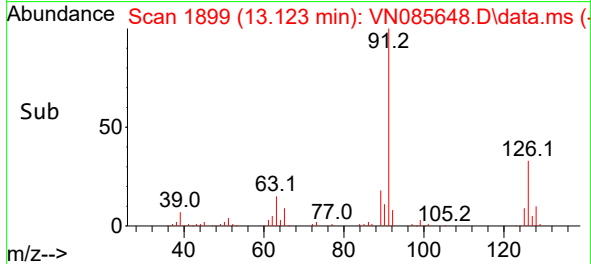
Instrument :
MSVOA_N
ClientSampleId :
VN0204WBS01



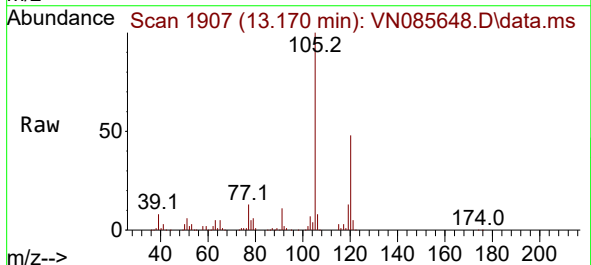
Tgt Ion: 91 Resp: 15155
Ion Ratio Lower Upper
91 100
126 33.9 15.7 47.1

Manual Integrations
APPROVED

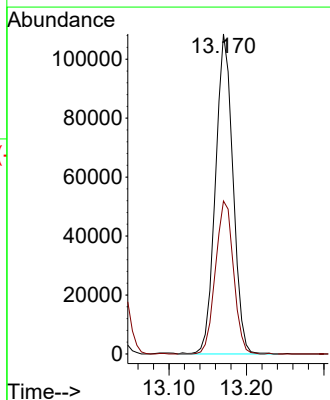
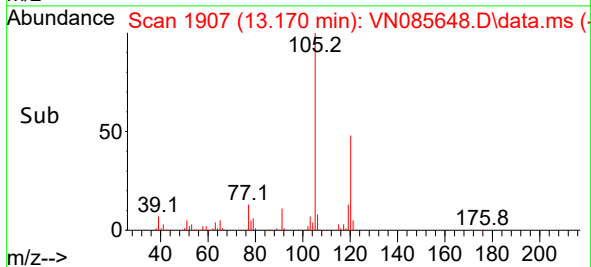
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025

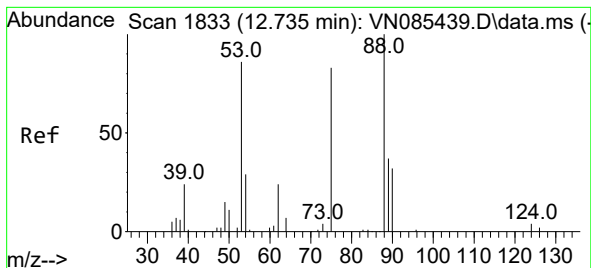


#80
1,3,5-Trimethylbenzene
Concen: 17.736 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38



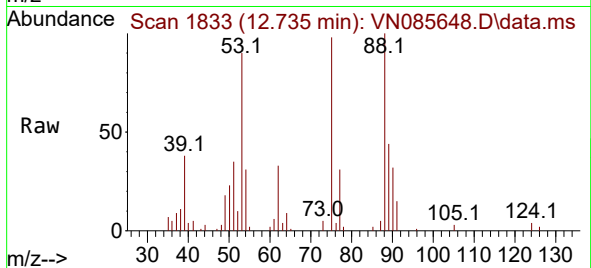
Tgt Ion:105 Resp: 170197
Ion Ratio Lower Upper
105 100
120 49.2 23.9 71.7





#81
trans-1,4-Dichloro-2-butene
Concen: 18.541 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38

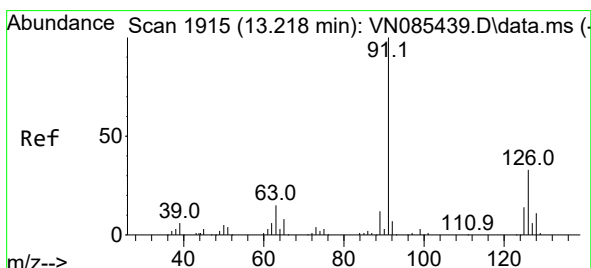
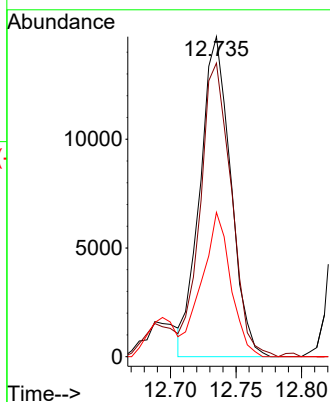
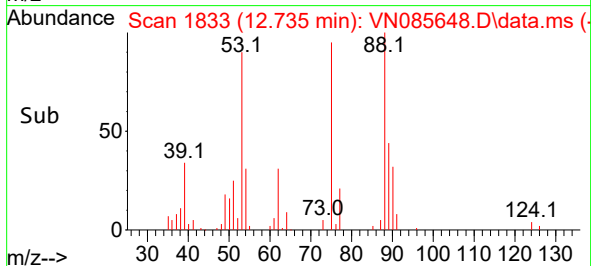
Instrument :
MSVOA_N
ClientSampleId :
VN0204WBS01



Tgt Ion: 75 Resp: 23970
Ion Ratio Lower Upper
75 100
53 92.4 95.6 143.4
89 42.7 37.0 55.6

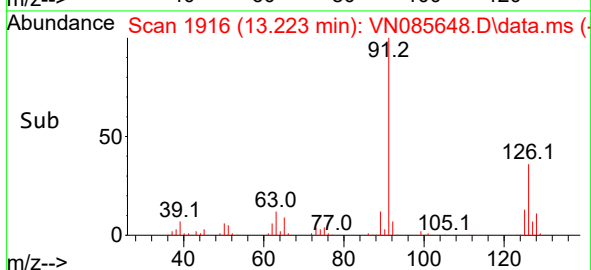
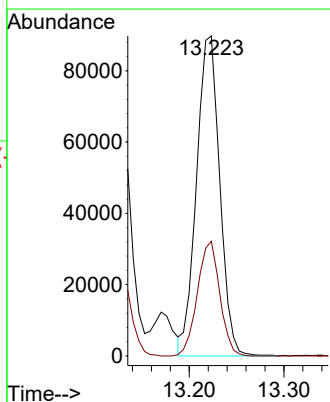
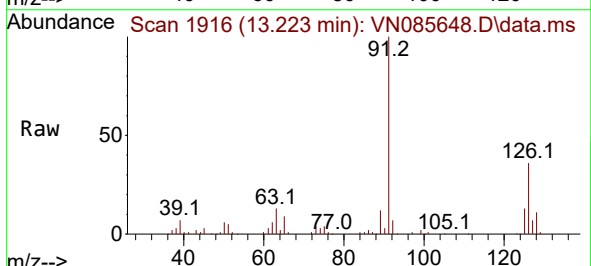
Manual Integrations
APPROVED

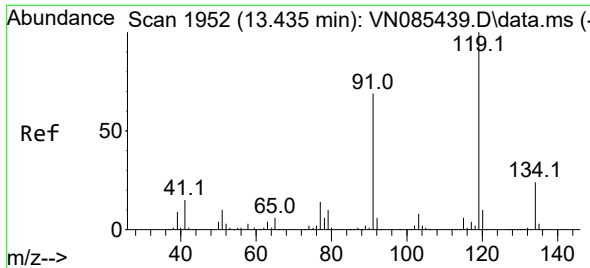
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#82
4-Chlorotoluene
Concen: 17.315 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.006 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38

Tgt Ion: 91 Resp: 153459
Ion Ratio Lower Upper
91 100
126 34.4 15.9 47.7





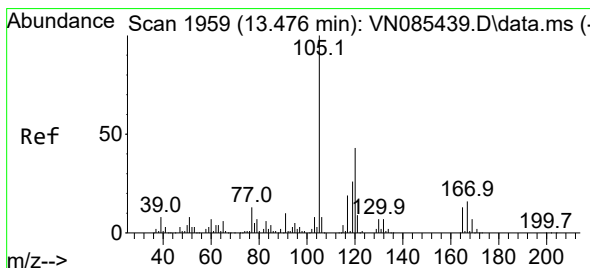
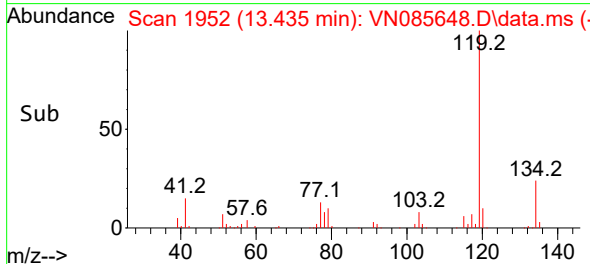
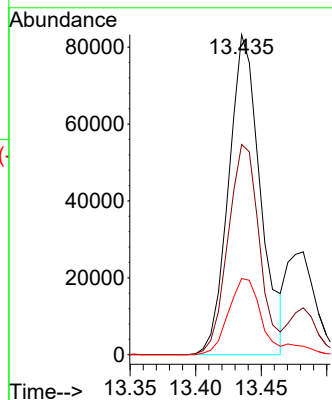
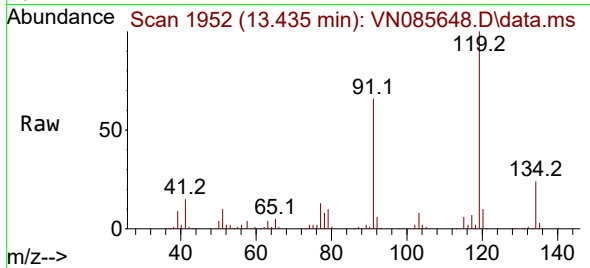
#83
tert-Butylbenzene
Concen: 17.365 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38

Instrument : MSVOA_N
ClientSampleId : VN0204WBS01

Tgt Ion:119 Resp: 13994
Ion Ratio Lower Upper
119 100
91 65.3 35.1 105.3
134 26.5 12.0 36.1

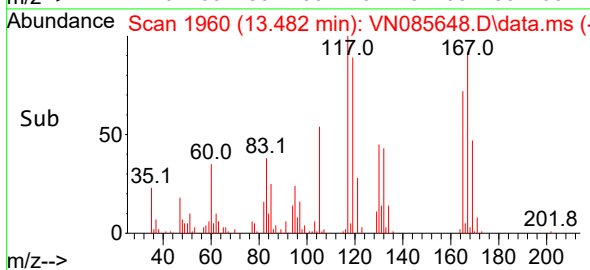
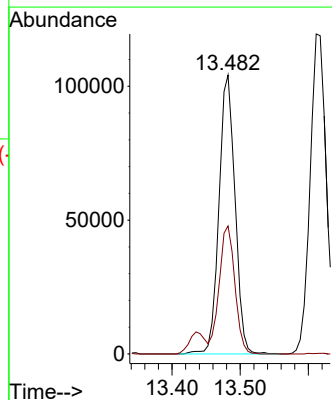
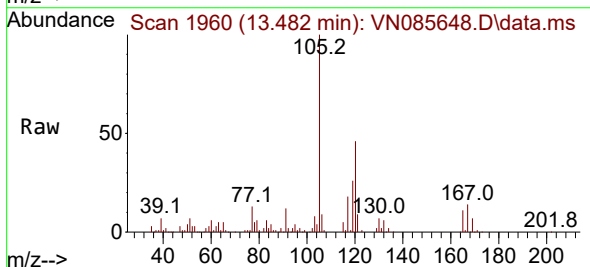
Manual Integrations
APPROVED

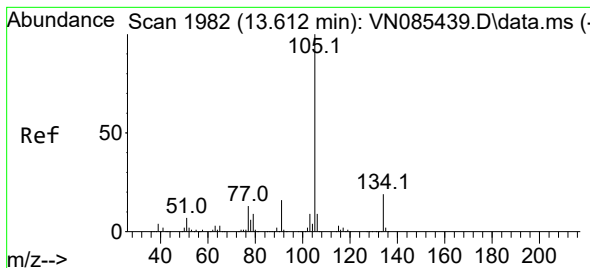
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#84
1,2,4-Trimethylbenzene
Concen: 17.852 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38

Tgt Ion:105 Resp: 170742
Ion Ratio Lower Upper
105 100
120 45.0 21.6 65.0





#85

sec-Butylbenzene

Concen: 17.669 ug/l

RT: 13.611 min Scan# 1982

Delta R.T. -0.001 min

Lab File: VN085648.D

Acq: 04 Feb 2025 13:38

Instrument :

MSVOA_N

ClientSampleId :

VN0204WBS01

Tgt Ion:105 Resp: 197340

Ion Ratio Lower Upper

105 100

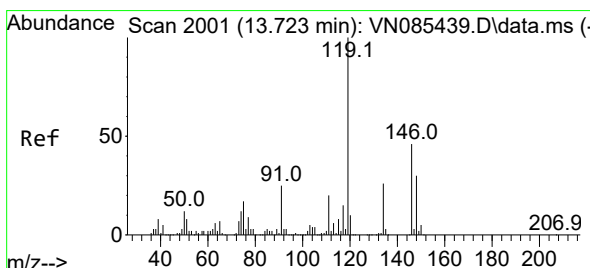
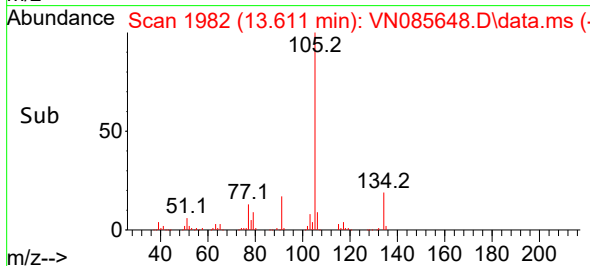
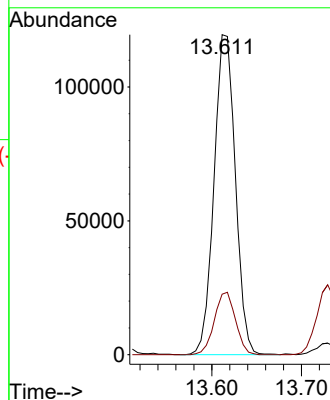
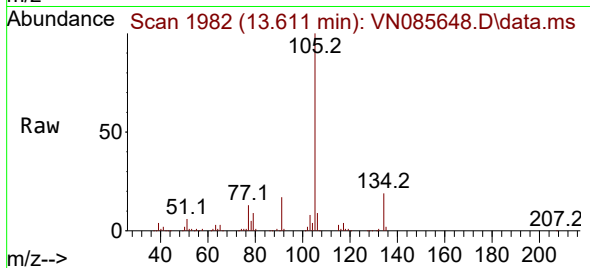
134 19.3 9.7 28.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/05/2025

Supervised By :Mahesh Dadoda 02/06/2025



#86

p-Isopropyltoluene

Concen: 17.592 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.006 min

Lab File: VN085648.D

Acq: 04 Feb 2025 13:38

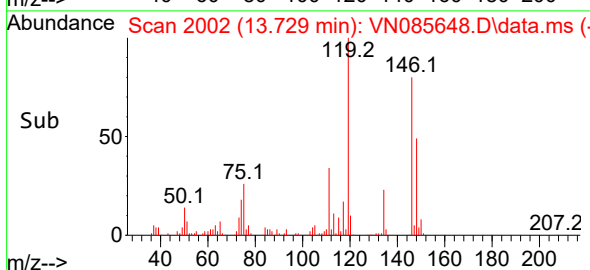
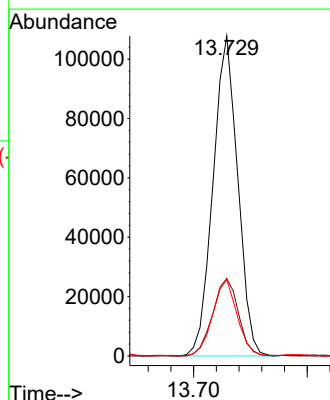
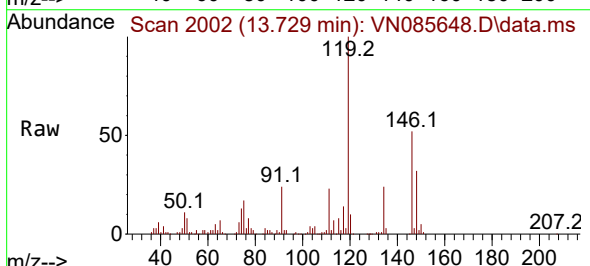
Tgt Ion:119 Resp: 162692

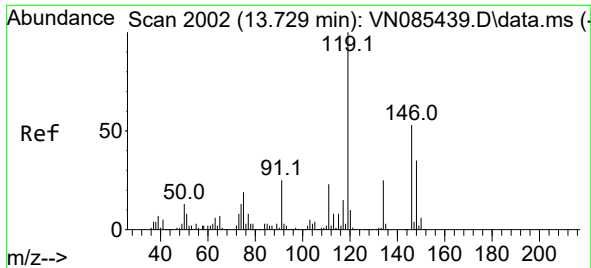
Ion Ratio Lower Upper

119 100

134 25.2 12.7 38.0

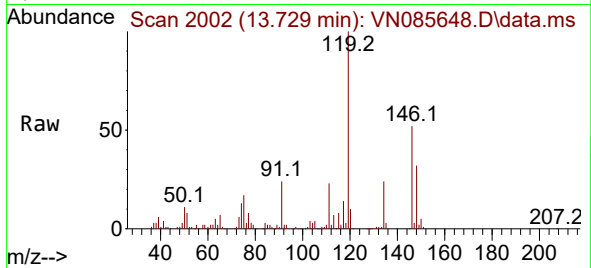
91 23.7 12.7 38.1





#87
1,3-Dichlorobenzene
Concen: 16.846 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38

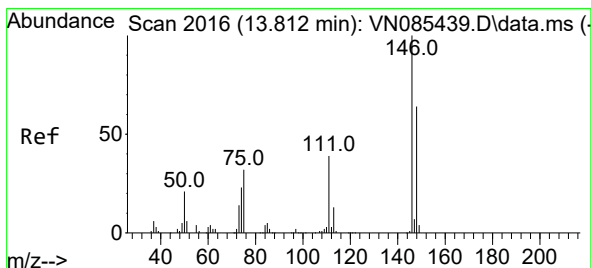
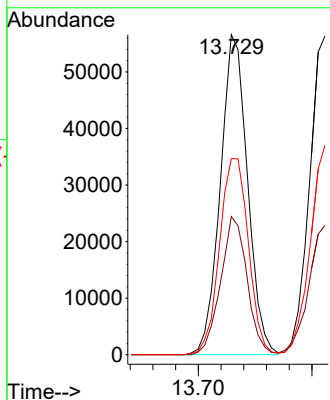
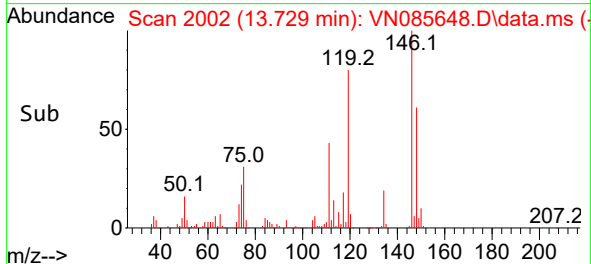
Instrument :
MSVOA_N
ClientSampleId :
VN0204WBS01



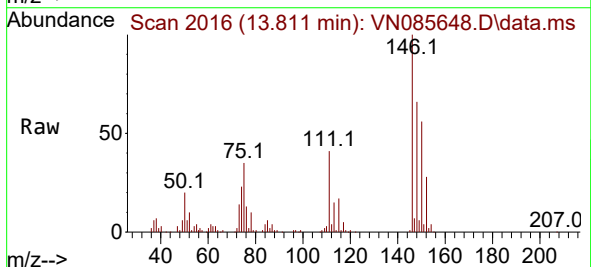
Tgt Ion:146 Resp: 94164
Ion Ratio Lower Upper
146 100
111 42.0 21.4 64.3
148 65.0 32.3 96.9

Manual Integrations
APPROVED

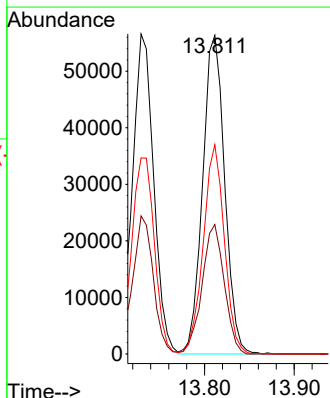
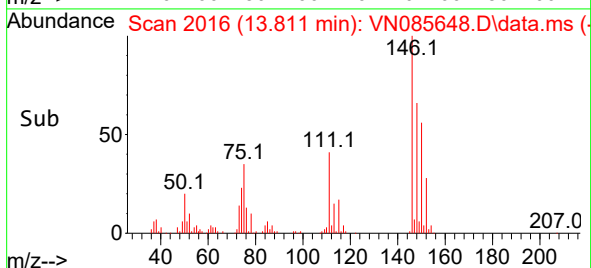
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025

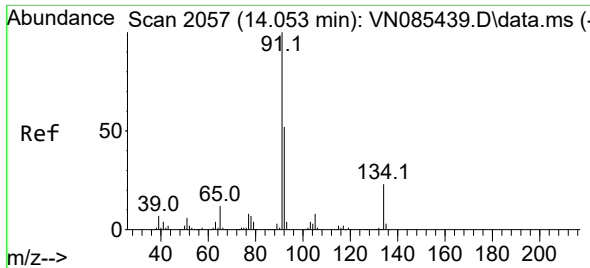


#88
1,4-Dichlorobenzene
Concen: 16.582 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38



Tgt Ion:146 Resp: 96076
Ion Ratio Lower Upper
146 100
111 41.1 21.3 63.7
148 63.0 32.4 97.0





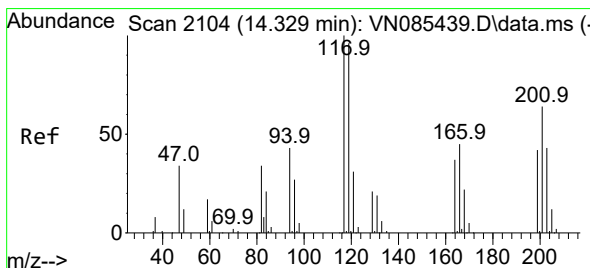
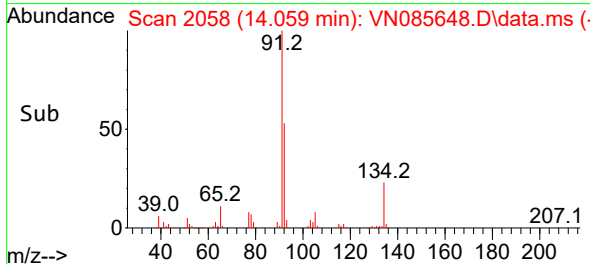
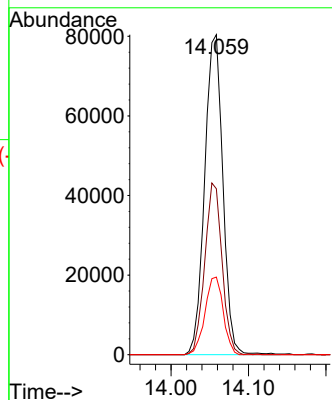
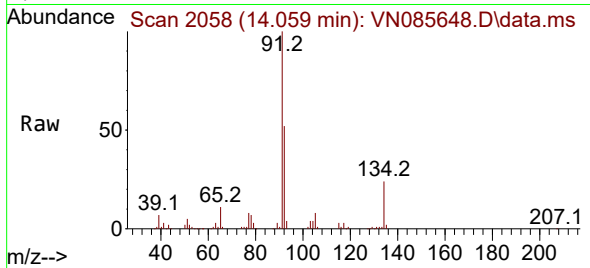
#89
n-Butylbenzene
Concen: 16.347 ug/l
RT: 14.059 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38

Instrument :
MSVOA_N
ClientSampleId :
VN0204WBS01

Tgt Ion: 91 Resp: 13098
Ion Ratio Lower Upper
91 100
92 51.2 25.8 77.3
134 24.3 11.7 35.1

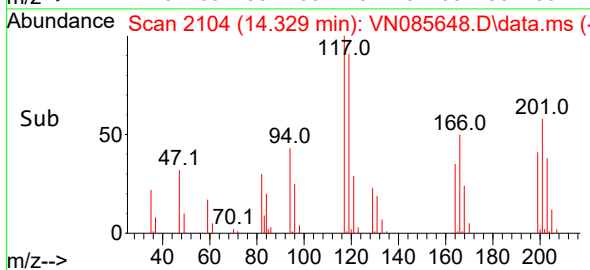
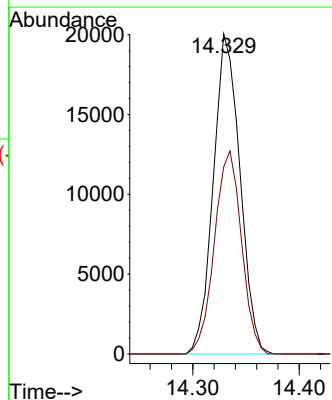
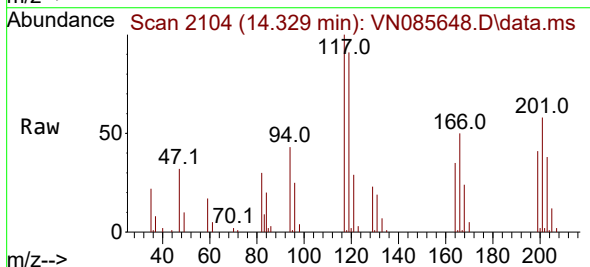
Manual Integrations
APPROVED

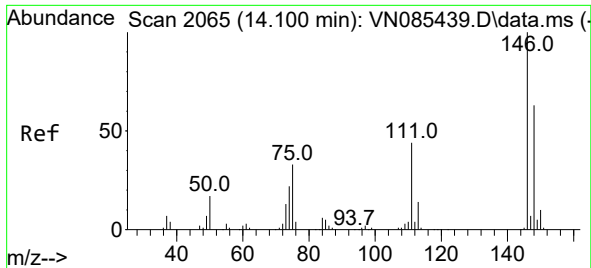
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#90
Hexachloroethane
Concen: 16.386 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38

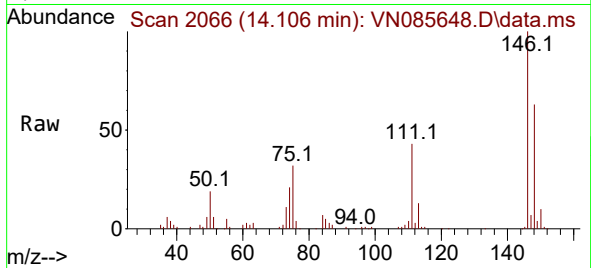
Tgt Ion:117 Resp: 34840
Ion Ratio Lower Upper
117 100
201 64.3 33.7 101.0





#91
1,2-Dichlorobenzene
Concen: 16.418 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38

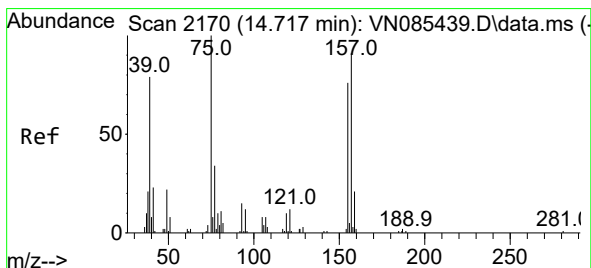
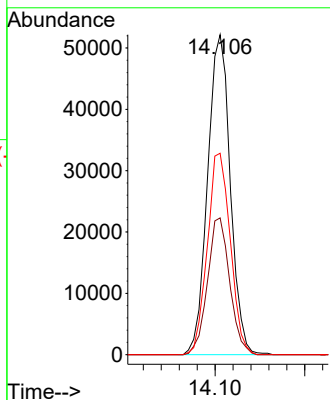
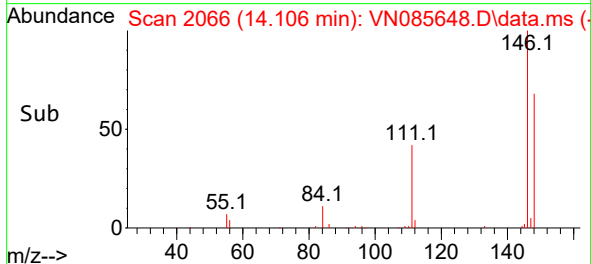
Instrument :
MSVOA_N
ClientSampleId :
VN0204WBS01



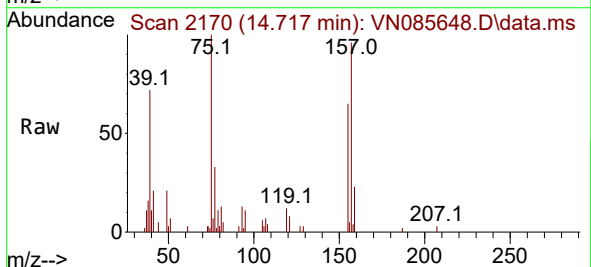
Tgt Ion:146 Resp: 91540
Ion Ratio Lower Upper
146 100
111 41.9 21.7 65.1
148 63.7 31.4 94.2

Manual Integrations
APPROVED

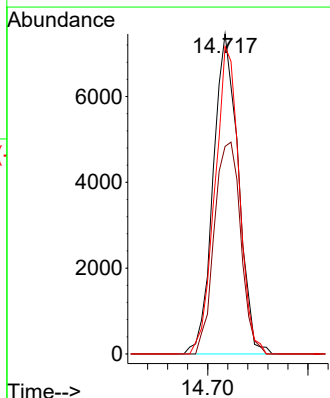
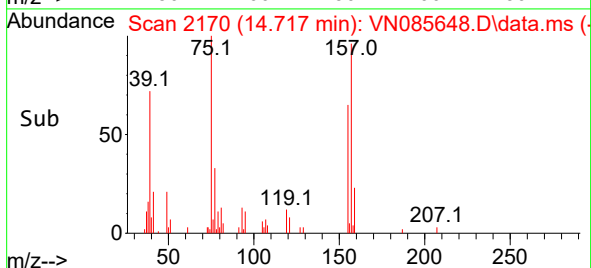
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025

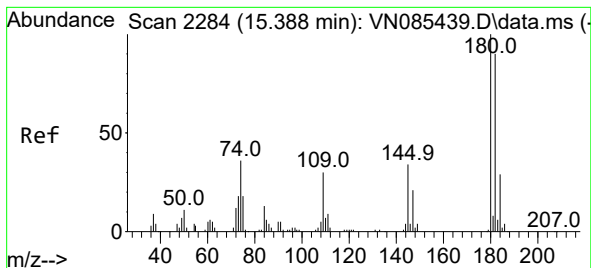


#92
1,2-Dibromo-3-Chloropropane
Concen: 17.281 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38



Tgt Ion: 75 Resp: 12950
Ion Ratio Lower Upper
75 100
155 69.8 36.4 109.2
157 93.0 45.4 136.1





#93

1,2,4-Trichlorobenzene

Concen: 16.313 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN085648.D

Acq: 04 Feb 2025 13:38

Instrument :

MSVOA_N

ClientSampleId :

VN0204WBS01

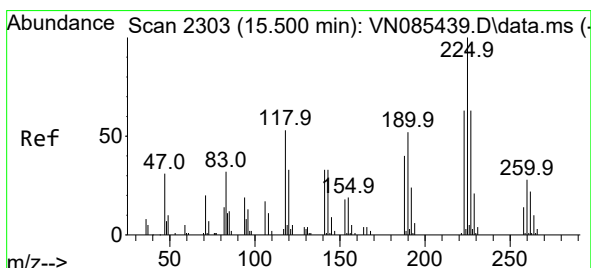
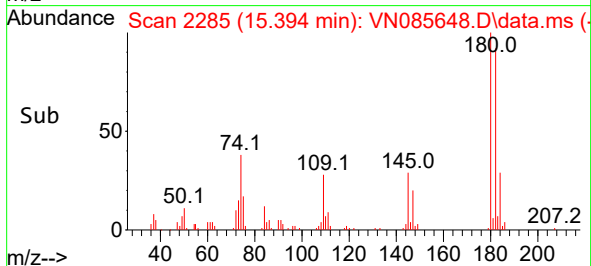
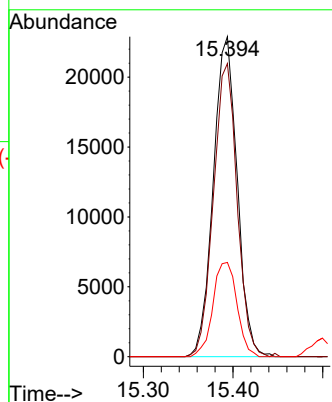
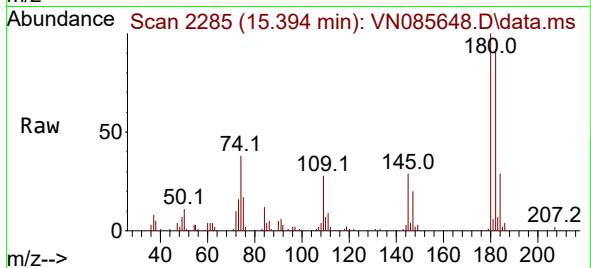
Tgt Ion:	180	Resp:	4227
Ion Ratio	Lower	Upper	
180	100		
182	90.7	46.8	140.3
145	29.8	16.0	48.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/05/2025

Supervised By :Mahesh Dadoda 02/06/2025



#94

Hexachlorobutadiene

Concen: 14.810 ug/l

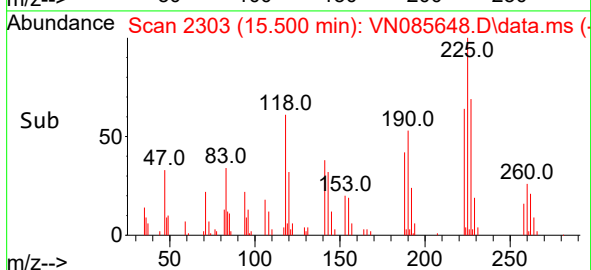
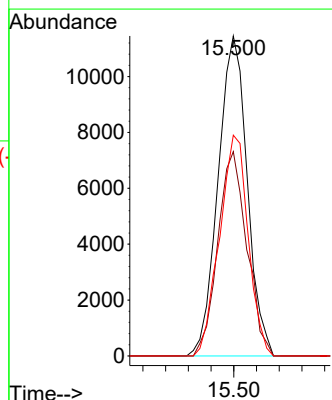
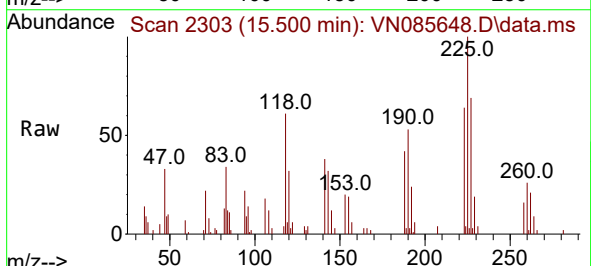
RT: 15.500 min Scan# 2303

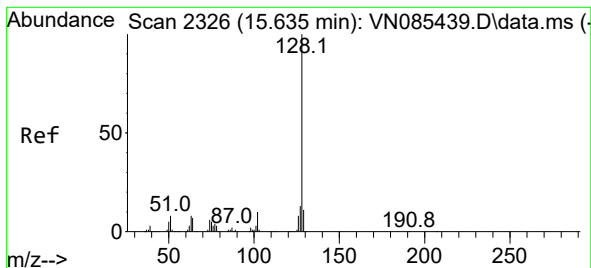
Delta R.T. -0.000 min

Lab File: VN085648.D

Acq: 04 Feb 2025 13:38

Tgt Ion:	225	Resp:	20375
Ion Ratio	Lower	Upper	
225	100		
223	63.8	30.7	92.1
227	67.8	30.9	92.5





#95

Naphthalene

Concen: 15.843 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.006 min

Lab File: VN085648.D

Acq: 04 Feb 2025 13:38

Instrument :

MSVOA_N

ClientSampleId :

VN0204WBS01

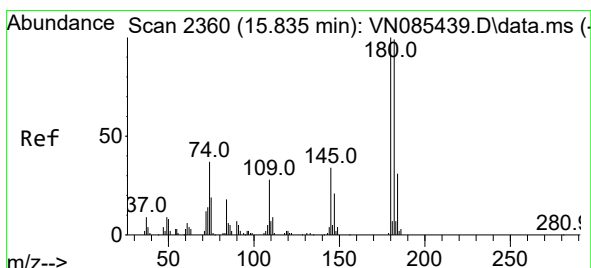
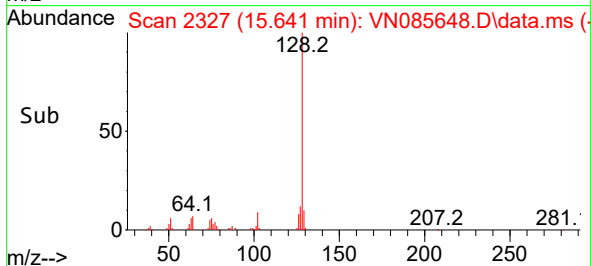
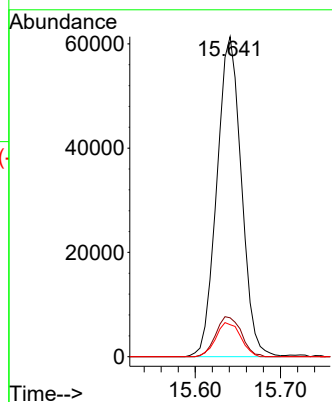
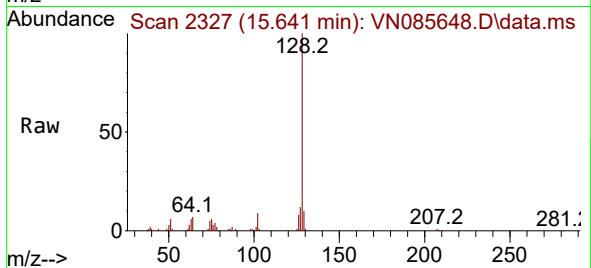
Tgt Ion:128 Resp: 12251
 Ion Ratio Lower Upper
 128 100
 127 13.1 10.6 16.0
 129 10.8 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/05/2025

Supervised By :Mahesh Dadoda 02/06/2025



#96

1,2,3-Trichlorobenzene

Concen: 15.759 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.006 min

Lab File: VN085648.D

Acq: 04 Feb 2025 13:38

Tgt Ion:180 Resp: 41321
 Ion Ratio Lower Upper
 180 100
 182 95.5 47.4 142.2
 145 33.5 16.9 50.7

