

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020425\
 Data File : VN085651.D
 Acq On : 04 Feb 2025 14:51
 Operator : JC\MD
 Sample : VN0204WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0204WBS02

Quant Time: Feb 05 01:04:28 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	206401	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	367320	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	317764	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	150317	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	150502	45.172	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	90.340%		
35) Dibromofluoromethane	8.165	113	124212	48.743	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.480%		
50) Toluene-d8	10.565	98	450633	49.771	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.540%		
62) 4-Bromofluorobenzene	12.847	95	148181	47.844	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	95.680%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	65996	23.616	ug/l	99
3) Chloromethane	2.359	50	62270	20.580	ug/l	97
4) Vinyl Chloride	2.512	62	76709	25.222	ug/l	98
5) Bromomethane	2.954	94	45534	24.786	ug/l	97
6) Chloroethane	3.118	64	47623	24.698	ug/l	92
7) Trichlorofluoromethane	3.495	101	90803	20.577	ug/l	99
8) Diethyl Ether	3.965	74	28815	18.901	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.371	101	53527	21.535	ug/l	98
10) Methyl Iodide	4.589	142	63259	22.224	ug/l	97
11) Tert butyl alcohol	5.524	59	41188	107.962	ug/l	98
12) 1,1-Dichloroethene	4.342	96	47753	21.557	ug/l	93
13) Acrolein	4.183	56	31533	60.548	ug/l	99
14) Allyl chloride	5.024	41	59657m	16.597	ug/l	
15) Acrylonitrile	5.718	53	123860	102.213	ug/l	99
16) Acetone	4.424	43	100115	92.999	ug/l	97
17) Carbon Disulfide	4.712	76	147410	21.613	ug/l	96
18) Methyl Acetate	5.030	43	62179	18.995	ug/l	94
19) Methyl tert-butyl Ether	5.795	73	145880	20.281	ug/l	96
20) Methylene Chloride	5.277	84	56823	21.322	ug/l	91
21) trans-1,2-Dichloroethene	5.789	96	51109	21.589	ug/l	89
22) Diisopropyl ether	6.671	45	148162	18.571	ug/l	95
23) Vinyl Acetate	6.606	43	533384	95.530	ug/l	96
24) 1,1-Dichloroethane	6.565	63	96240	19.783	ug/l	95
25) 2-Butanone	7.483	43	157483	99.409	ug/l #	87
26) 2,2-Dichloropropane	7.489	77	85009	21.614	ug/l	96
27) cis-1,2-Dichloroethene	7.483	96	58653	21.035	ug/l	93
28) Bromochloromethane	7.812	49	33036	14.596	ug/l	86
29) Tetrahydrofuran	7.836	42	102635	102.187	ug/l	90
30) Chloroform	7.965	83	101271	20.142	ug/l	99
31) Cyclohexane	8.259	56	78673	18.606	ug/l	90
32) 1,1,1-Trichloroethane	8.165	97	88190	19.996	ug/l	96
36) 1,1-Dichloropropene	8.371	75	70286	19.652	ug/l	99
37) Ethyl Acetate	7.559	43	65973	18.275	ug/l	98
38) Carbon Tetrachloride	8.365	117	78107	19.076	ug/l	96
39) Methylcyclohexane	9.600	83	67494	20.082	ug/l	94
40) Benzene	8.606	78	221792	20.639	ug/l	97

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 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	34320	18.274	ug/l	92
42) 1,2-Dichloroethane	8.671	62	73577	18.179	ug/l	97
43) Isopropyl Acetate	8.688	43	115982m	20.051	ug/l	
44) Trichloroethene	9.353	130	49633	19.842	ug/l	97
45) 1,2-Dichloropropane	9.618	63	53997	19.672	ug/l	97
46) Dibromomethane	9.706	93	39110	19.747	ug/l	98
47) Bromodichloromethane	9.888	83	77727	19.263	ug/l	96
48) Methyl methacrylate	9.677	41	47105	18.096	ug/l	89
49) 1,4-Dioxane	9.694	88	19272	439.639	ug/l	94
51) 4-Methyl-2-Pentanone	10.441	43	328830	97.965	ug/l	94
52) Toluene	10.630	92	135369	21.741	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	74675	19.583	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	83030	20.385	ug/l #	87
55) 1,1,2-Trichloroethane	11.018	97	51534	20.914	ug/l	99
56) Ethyl methacrylate	10.871	69	70589	18.280	ug/l	94
57) 1,3-Dichloropropane	11.159	76	86420	20.170	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	106039	67.812	ug/l	97
59) 2-Hexanone	11.194	43	238617	101.031	ug/l	93
60) Dibromochloromethane	11.359	129	59256	19.918	ug/l	99
61) 1,2-Dibromoethane	11.465	107	50776	20.701	ug/l	99
64) Tetrachloroethene	11.100	164	45898	21.187	ug/l	97
65) Chlorobenzene	11.888	112	143836	20.663	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	51716	20.242	ug/l	100
67) Ethyl Benzene	11.965	91	233116	20.561	ug/l	98
68) m/p-Xylenes	12.071	106	181911	43.412	ug/l	98
69) o-Xylene	12.400	106	84365	21.067	ug/l	97
70) Styrene	12.412	104	145039	21.885	ug/l	97
71) Bromoform	12.576	173	38717	21.179	ug/l #	99
73) Isopropylbenzene	12.694	105	210944	20.793	ug/l	98
74) N-amyl acetate	12.494	43	84808	18.598	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.935	83	75120	20.962	ug/l	100
76) 1,2,3-Trichloropropane	12.988	75	62358m	20.410	ug/l	
77) Bromobenzene	12.976	156	54340	20.501	ug/l	95
78) n-propylbenzene	13.035	91	250899	20.891	ug/l	99
79) 2-Chlorotoluene	13.124	91	158204	20.353	ug/l	98
80) 1,3,5-Trimethylbenzene	13.171	105	178682	21.323	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	24629	21.810	ug/l	90
82) 4-Chlorotoluene	13.218	91	157925	20.405	ug/l	98
83) tert-Butylbenzene	13.435	119	140205	19.923	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	178481	21.370	ug/l	97
85) sec-Butylbenzene	13.612	105	202909	20.804	ug/l	100
86) p-Isopropyltoluene	13.729	119	167070	20.523	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	97119	19.896	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	98065	19.382	ug/l	99
89) n-Butylbenzene	14.053	91	130043	18.585	ug/l	98
90) Hexachloroethane	14.329	117	35354	19.041	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	95513	19.617	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	13567	20.732	ug/l	94
93) 1,2,4-Trichlorobenzene	15.388	180	39645	17.519	ug/l	96
94) Hexachlorobutadiene	15.500	225	20609	17.154	ug/l	98
95) Naphthalene	15.641	128	123413	18.276	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	41163	17.977	ug/l	99

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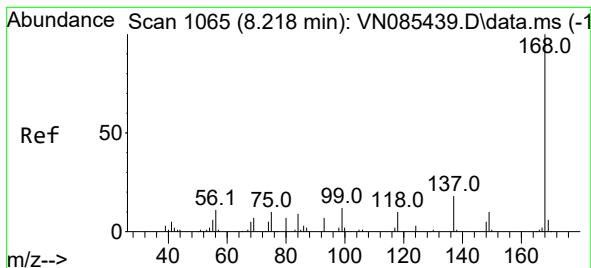
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 02/06/2025

Quant Time: Feb 05 01:04:28 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: VN085651.D

Acq: 04 Feb 2025 14:51

Instrument :

MSVOA_N

ClientSampleId :

VN0204WBS02

Tgt Ion:168 Resp: 20640

Ion Ratio Lower Upper

168 100

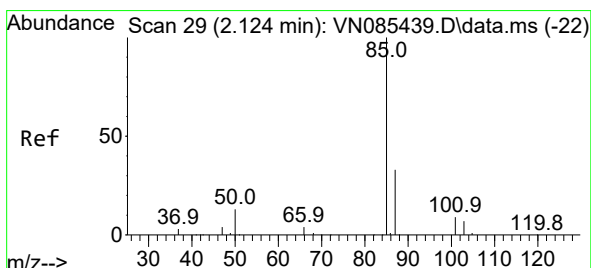
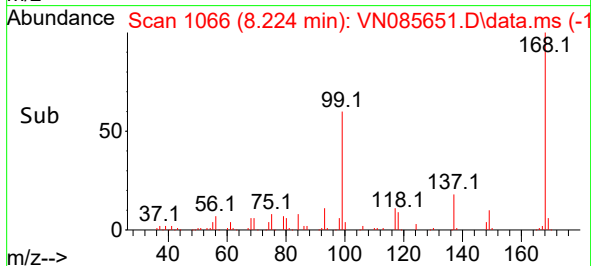
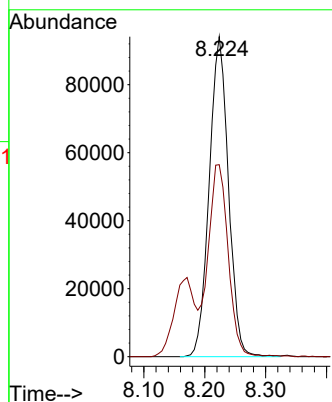
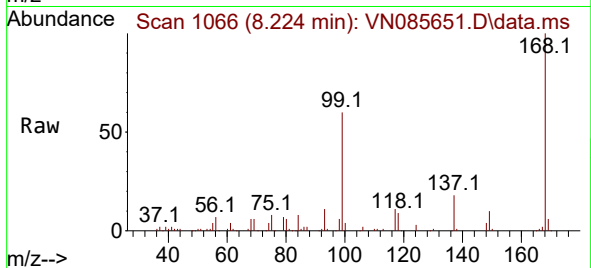
99 59.8 53.6 80.4

Manual Integrations

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Reviewed By :John Carlone 02/05/2025

Supervised By :Mahesh Dadoda 02/06/2025



#2

Dichlorodifluoromethane

Concen: 23.616 ug/l

RT: 2.124 min Scan# 29

Delta R.T. 0.000 min

Lab File: VN085651.D

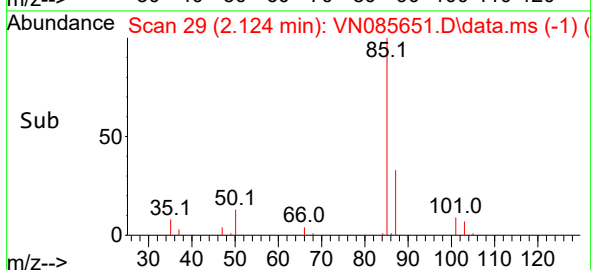
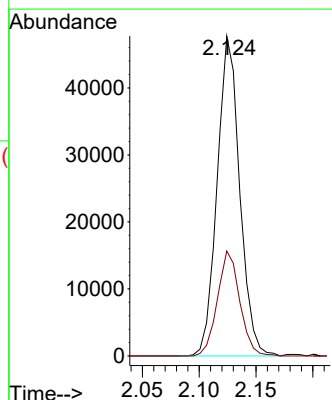
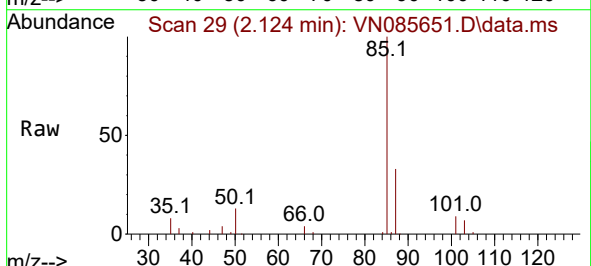
Acq: 04 Feb 2025 14:51

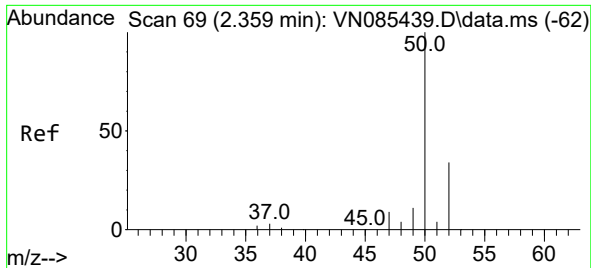
Tgt Ion: 85 Resp: 65996

Ion Ratio Lower Upper

85 100

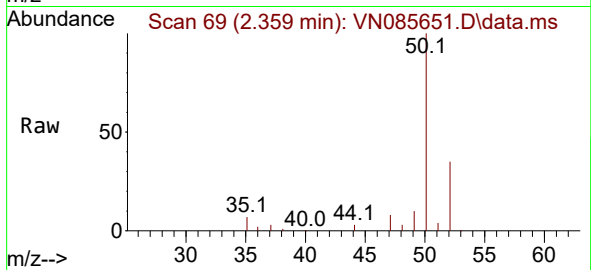
87 32.8 16.7 50.1





#3
Chloromethane
Concen: 20.580 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN085651.D
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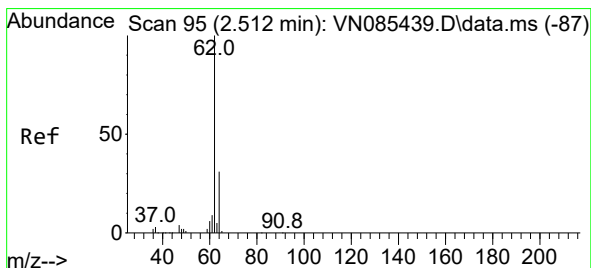
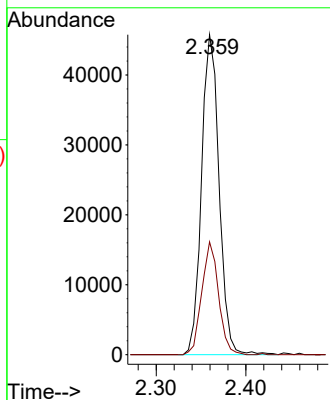
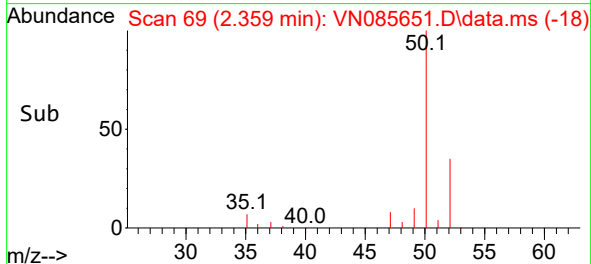
Instrument :
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VN0204WBS02



Tgt Ion: 50 Resp: 62270
Ion Ratio Lower Upper
50 100
52 35.3 27.0 40.6

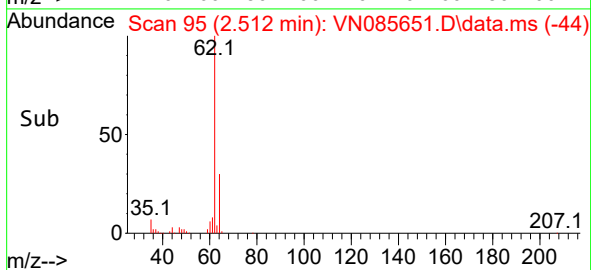
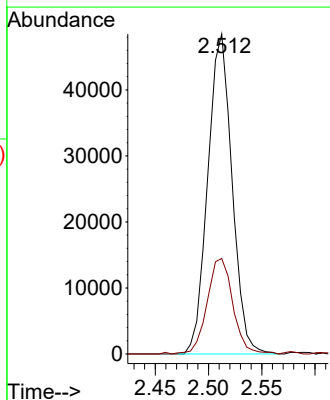
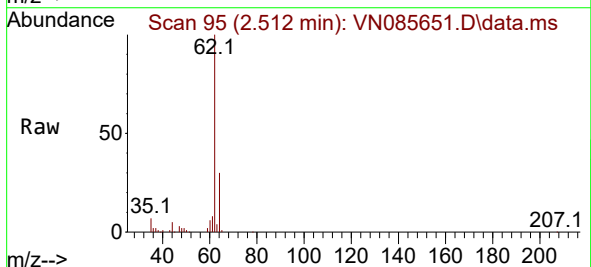
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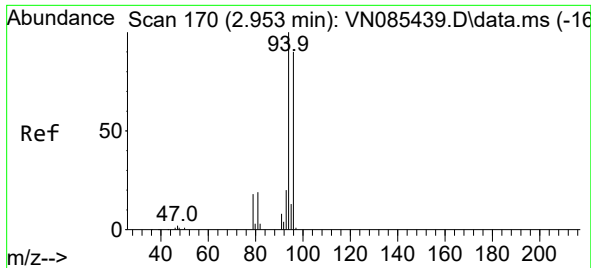
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#4
Vinyl Chloride
Concen: 25.222 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN085651.D
Acq: 04 Feb 2025 14:51

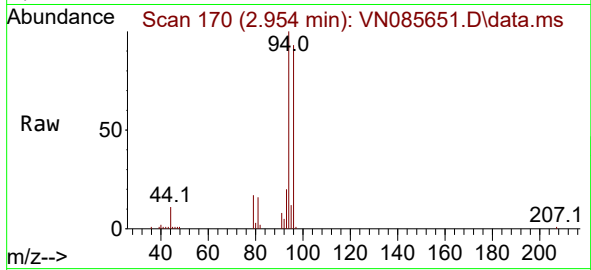
Tgt Ion: 62 Resp: 76709
Ion Ratio Lower Upper
62 100
64 29.8 24.8 37.2





#5
Bromomethane
Concen: 24.786 ug/l
RT: 2.954 min Scan# 170
Delta R.T. 0.000 min
Lab File: VN085651.D
Acq: 04 Feb 2025 14:51

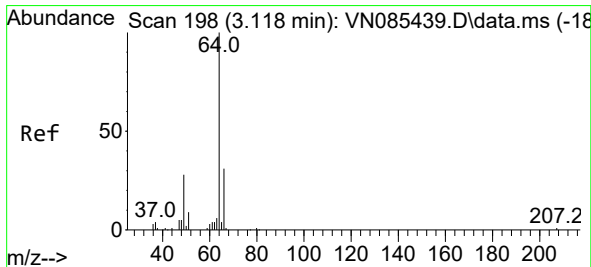
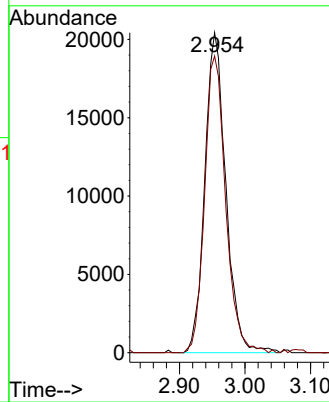
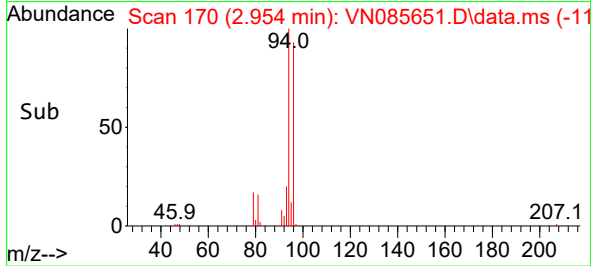
Instrument :
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Tgt Ion: 94 Resp: 45534
Ion Ratio Lower Upper
94 100
96 92.7 71.8 107.6

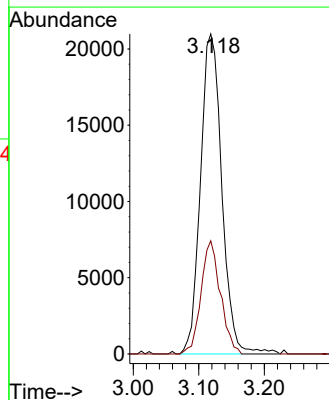
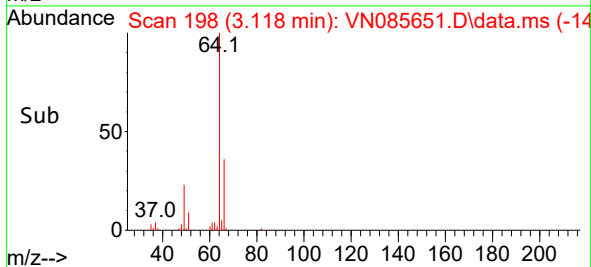
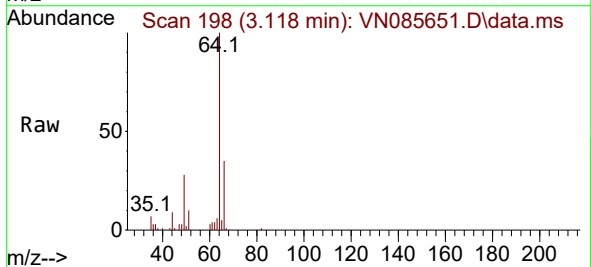
Manual Integrations
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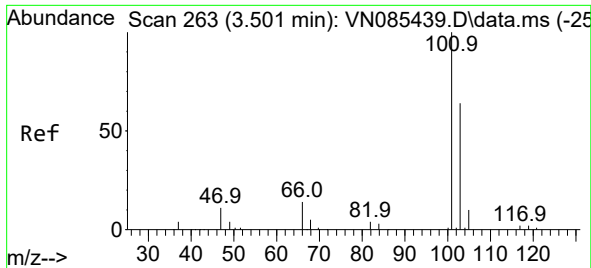
Reviewed By :John Carlone 02/05/2025
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#6
Chloroethane
Concen: 24.698 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN085651.D
Acq: 04 Feb 2025 14:51

Tgt Ion: 64 Resp: 47623
Ion Ratio Lower Upper
64 100
66 35.3 24.6 36.8





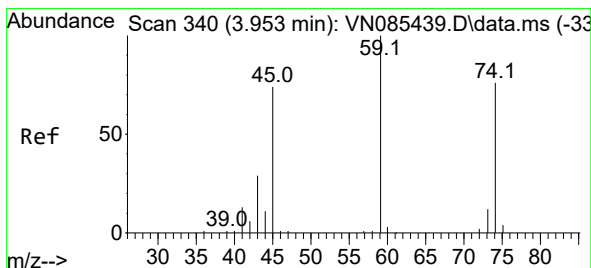
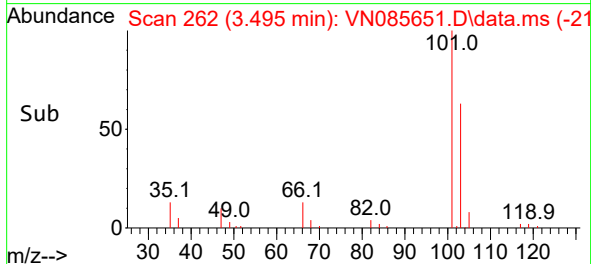
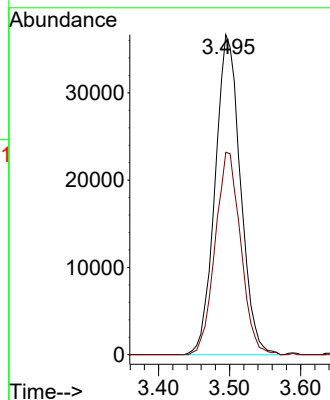
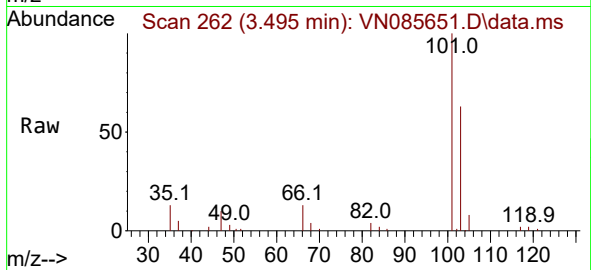
#7
Trichlorofluoromethane
Concen: 20.577 ug/l
RT: 3.495 min Scan# 20
Delta R.T. -0.006 min
Lab File: VN085651.D
Acq: 04 Feb 2025 14:51

Instrument :
MSVOA_N
ClientSampleId :
VN0204WBS02

Tgt Ion:101 Resp: 9080
Ion Ratio Lower Upper
101 100
103 63.2 51.4 77.2

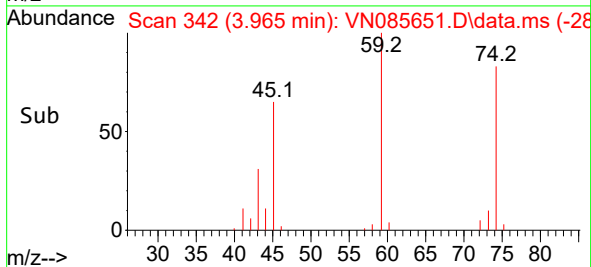
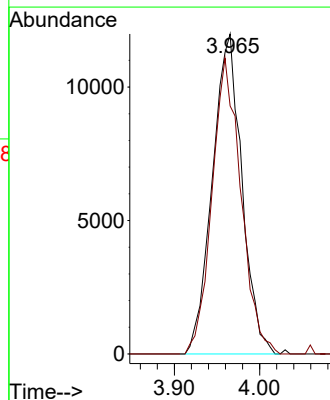
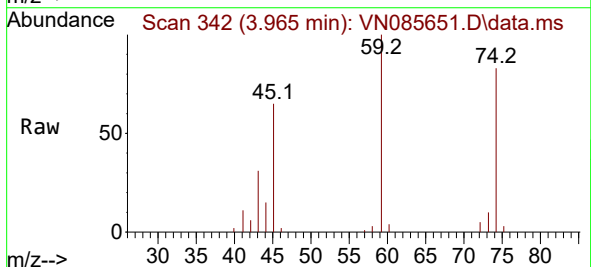
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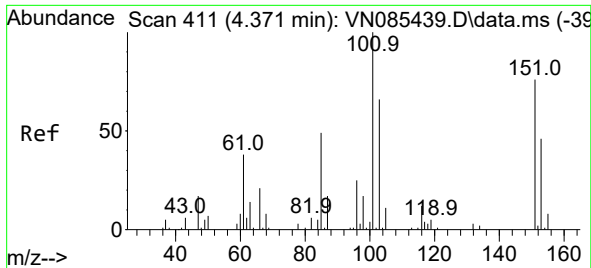
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#8
Diethyl Ether
Concen: 18.901 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.012 min
Lab File: VN085651.D
Acq: 04 Feb 2025 14:51

Tgt Ion: 74 Resp: 28815
Ion Ratio Lower Upper
74 100
45 90.7 49.7 149.1





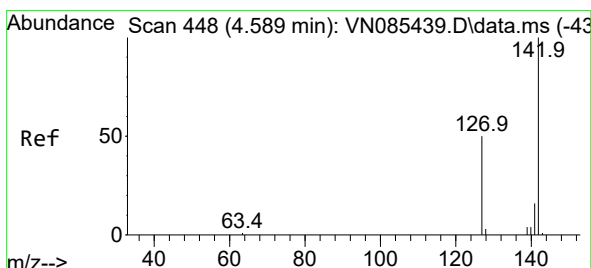
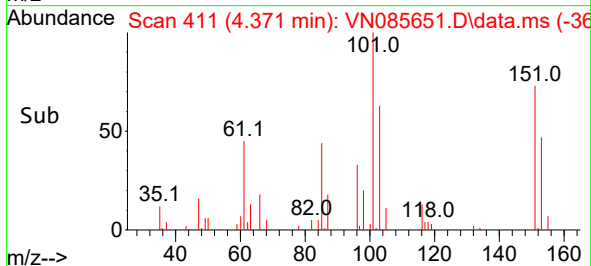
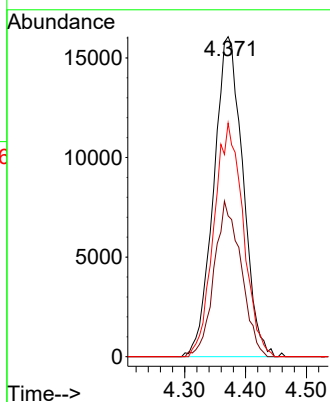
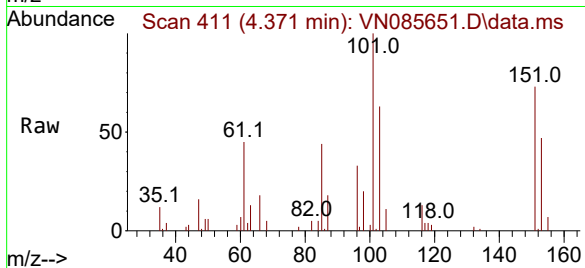
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.535 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN085651.D
Acq: 04 Feb 2025 14:51

Instrument :
MSVOA_N
ClientSampleId :
VN0204WBS02

Tgt Ion:101 Resp: 5352
Ion Ratio Lower Upper
101 100
85 44.9 37.8 56.8
151 73.3 58.8 88.2

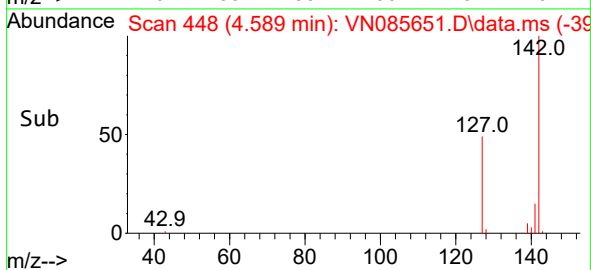
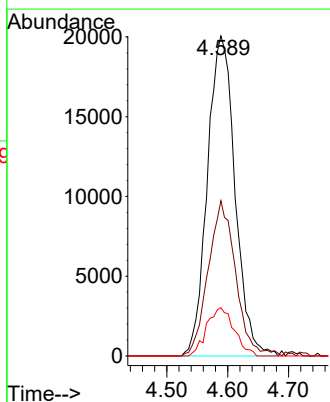
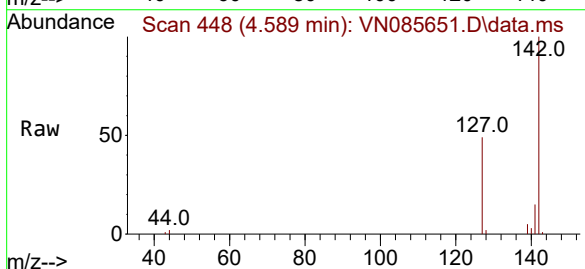
Manual Integrations
APPROVED

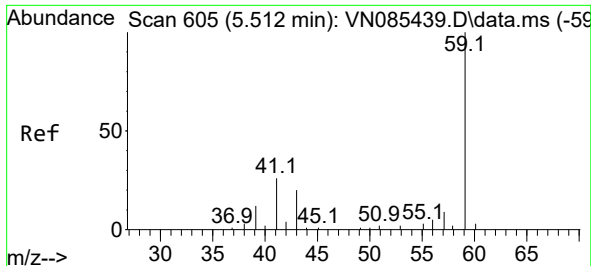
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#10
Methyl Iodide
Concen: 22.224 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN085651.D
Acq: 04 Feb 2025 14:51

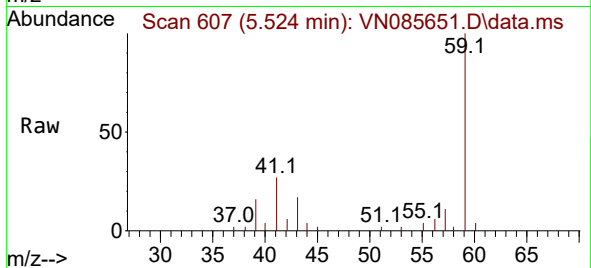
Tgt Ion:142 Resp: 63259
Ion Ratio Lower Upper
142 100
127 48.5 40.3 60.5
141 15.1 12.8 19.2





#11
Tert butyl alcohol
Concen: 107.962 ug/l
RT: 5.524 min Scan# 605
Delta R.T. 0.012 min
Lab File: VN085651.D
Acq: 04 Feb 2025 14:51

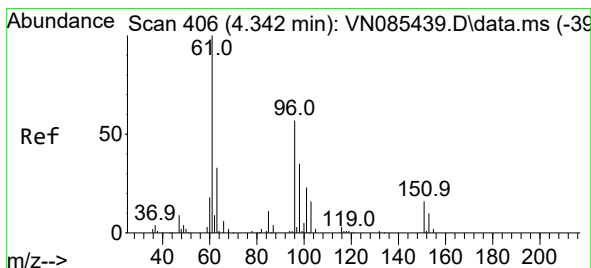
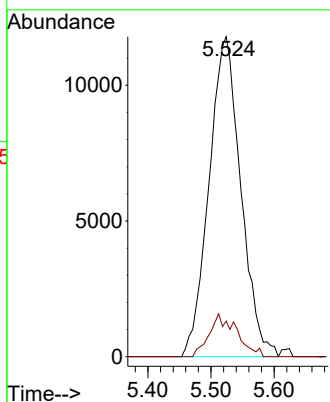
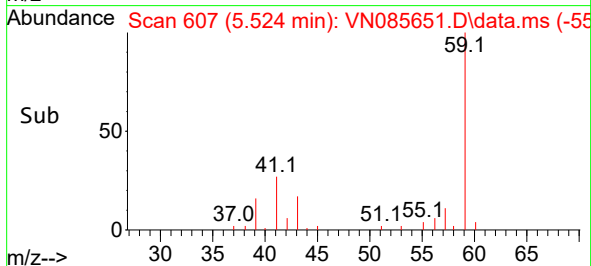
Instrument :
MSVOA_N
ClientSampleId :
VN0204WBS02



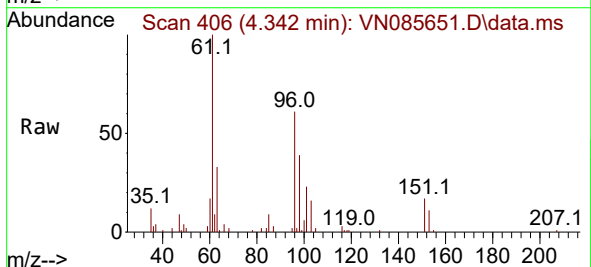
Tgt Ion: 59 Resp: 41188
Ion Ratio Lower Upper
59 100
57 11.6 8.6 13.0

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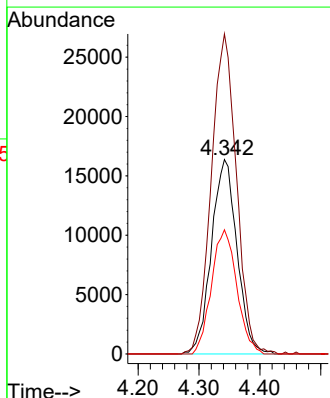
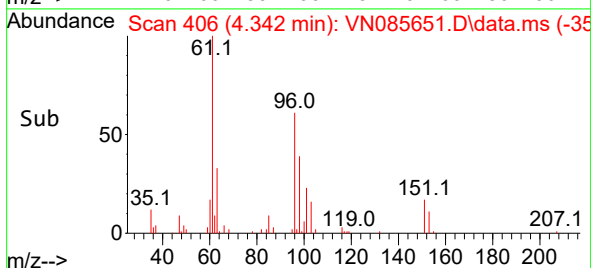
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025

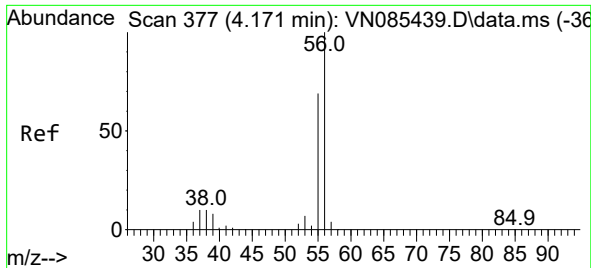


#12
1,1-Dichloroethene
Concen: 21.557 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN085651.D
Acq: 04 Feb 2025 14:51



Tgt Ion: 96 Resp: 47753
Ion Ratio Lower Upper
96 100
61 164.6 141.0 211.4
98 63.8 49.0 73.6





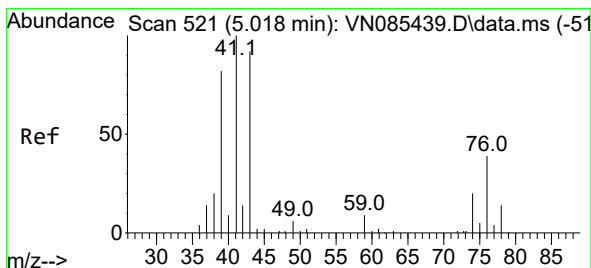
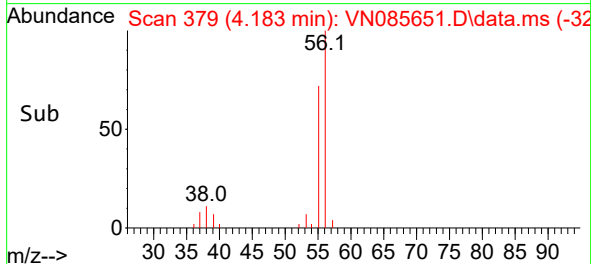
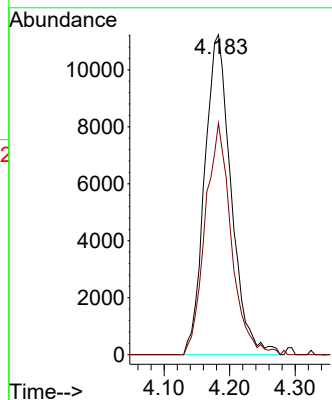
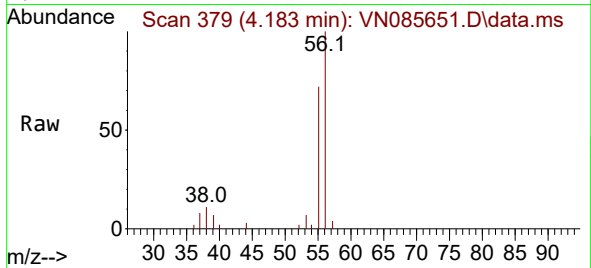
#13
Acrolein
Concen: 60.548 ug/l
RT: 4.183 min Scan# 3153
Delta R.T. 0.012 min
Lab File: VN085651.D
Acq: 04 Feb 2025 14:51

Instrument :
MSVOA_N
ClientSampleId :
VN0204WBS02

Tgt Ion: 56 Resp: 3153
Ion Ratio Lower Upper
56 100
55 71.3 56.3 84.5

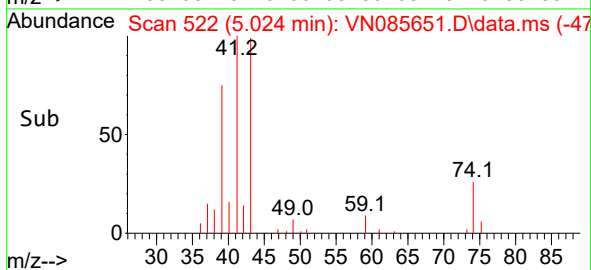
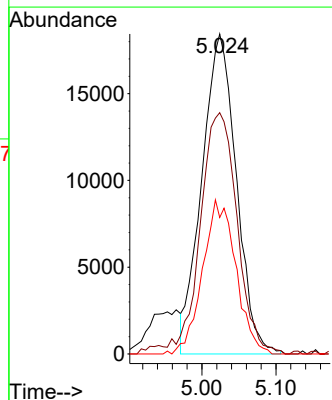
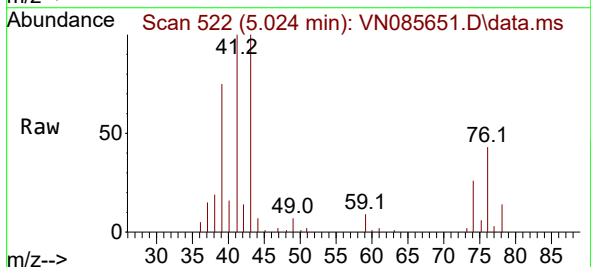
Manual Integrations
APPROVED

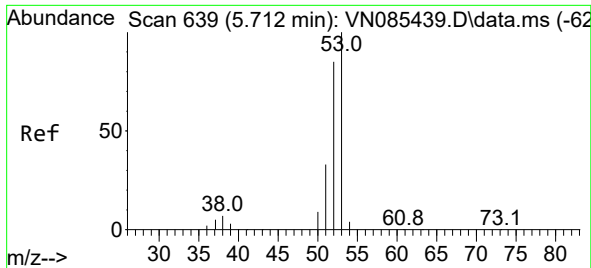
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#14
Allyl chloride
Concen: 16.597 ug/l m
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085651.D
Acq: 04 Feb 2025 14:51

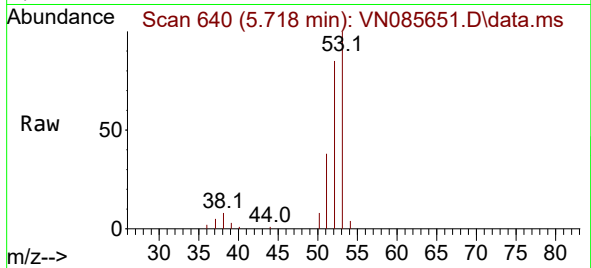
Tgt Ion: 41 Resp: 59657
Ion Ratio Lower Upper
41 100
39 81.4 64.4 96.6
76 46.5 30.5 45.7#





#15
Acrylonitrile
Concen: 102.213 ug/l
RT: 5.718 min Scan# 64
Delta R.T. 0.006 min
Lab File: VN085651.D
Acq: 04 Feb 2025 14:51

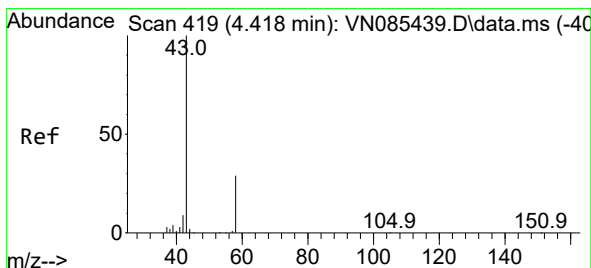
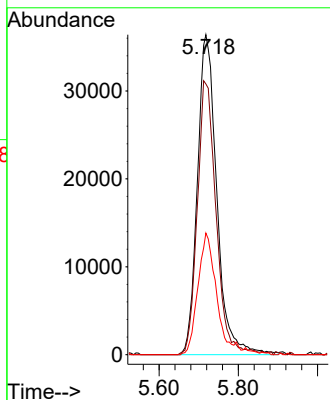
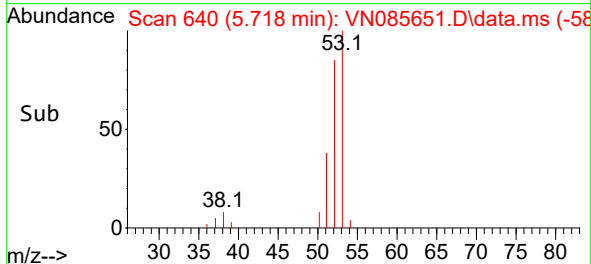
Instrument :
MSVOA_N
ClientSampleId :
VN0204WBS02



Tgt Ion: 53 Resp: 123860
Ion Ratio Lower Upper
53 100
52 82.8 65.5 98.3
51 36.5 29.8 44.8

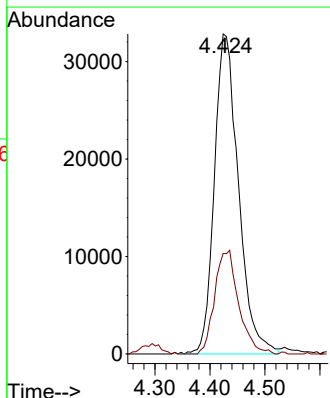
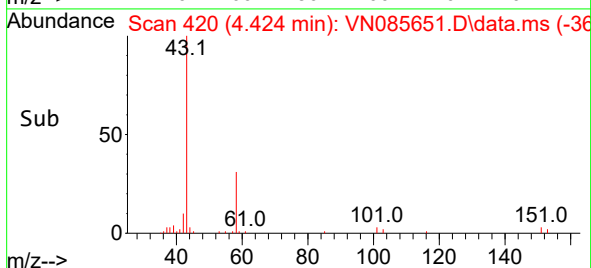
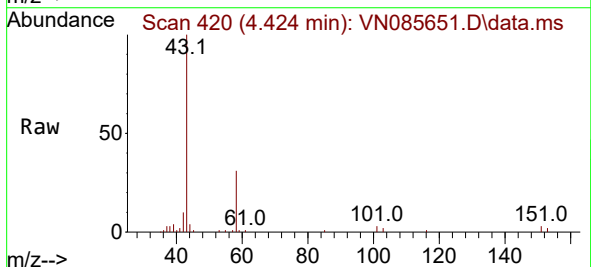
Manual Integrations
APPROVED

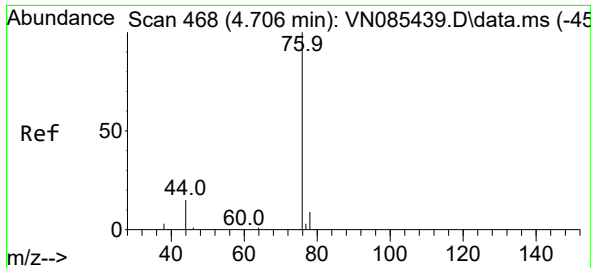
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#16
Acetone
Concen: 92.999 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085651.D
Acq: 04 Feb 2025 14:51

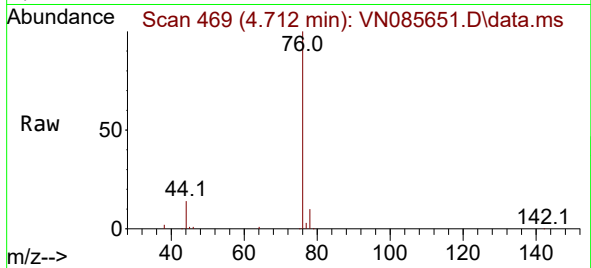
Tgt Ion: 43 Resp: 100115
Ion Ratio Lower Upper
43 100
58 31.4 23.8 35.6





#17
Carbon Disulfide
Concen: 21.613 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.006 min
Lab File: VN085651.D
Acq: 04 Feb 2025 14:51

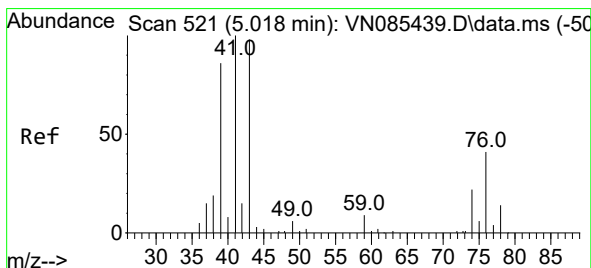
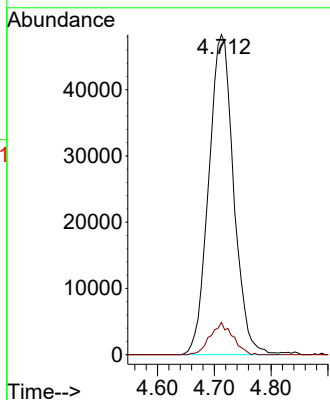
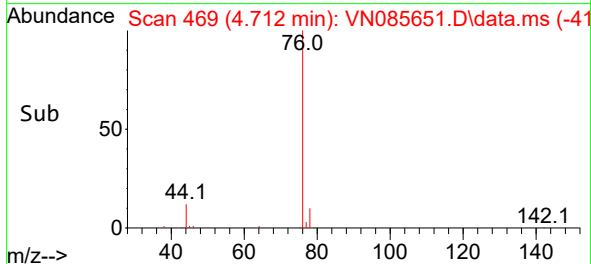
Instrument :
MSVOA_N
ClientSampleId :
VN0204WBS02



Tgt Ion: 76 Resp: 147410
Ion Ratio Lower Upper
76 100
78 10.1 6.9 10.3

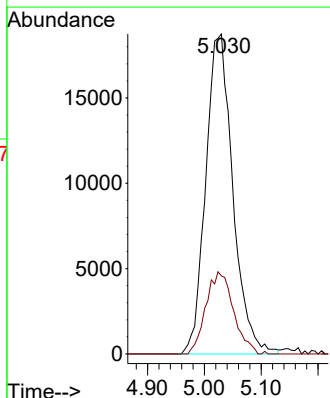
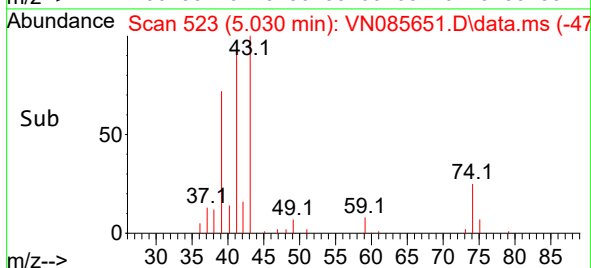
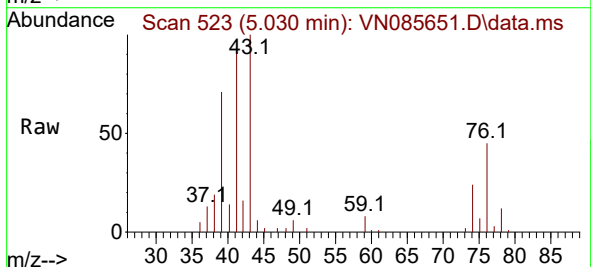
Manual Integrations
APPROVED

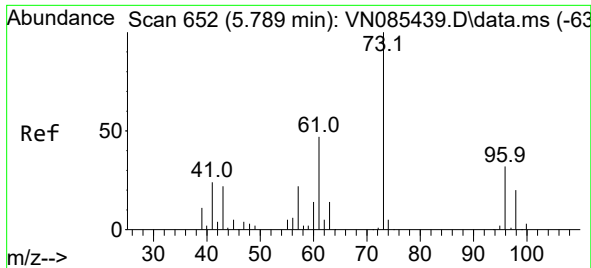
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#18
Methyl Acetate
Concen: 18.995 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN085651.D
Acq: 04 Feb 2025 14:51

Tgt Ion: 43 Resp: 62179
Ion Ratio Lower Upper
43 100
74 26.0 18.6 28.0





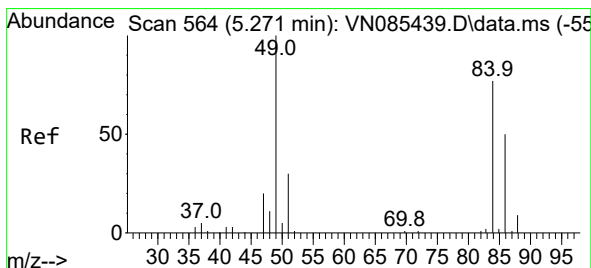
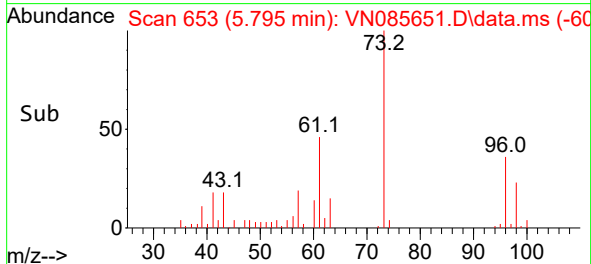
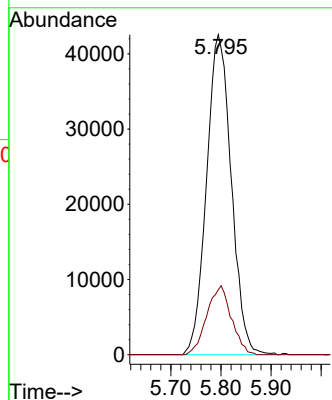
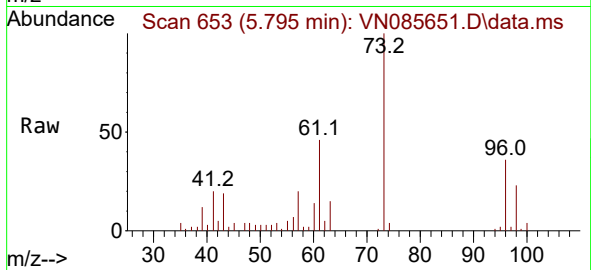
#19
Methyl tert-butyl Ether
Concen: 20.281 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN085651.D
Acq: 04 Feb 2025 14:51

Instrument :
MSVOA_N
ClientSampleId :
VN0204WBS02

Tgt Ion: 73 Resp: 145880
Ion Ratio Lower Upper
73 100
57 20.3 17.8 26.8

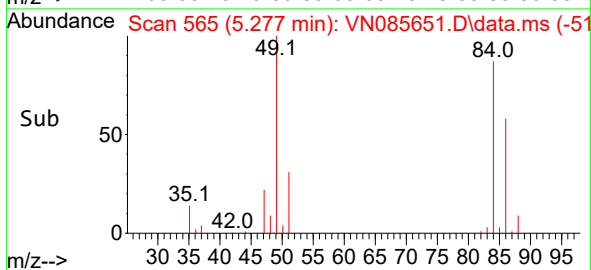
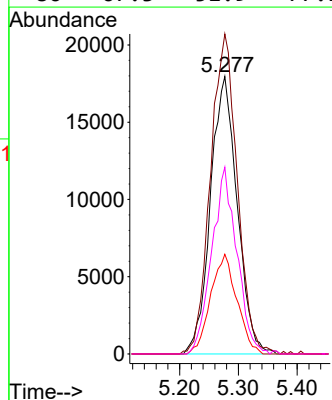
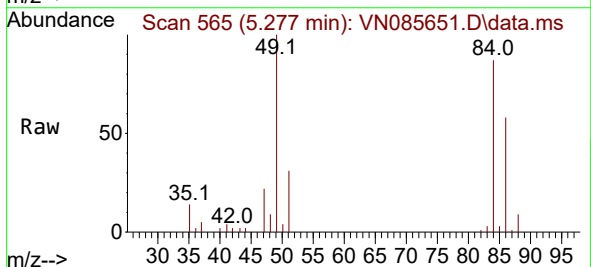
Manual Integrations
APPROVED

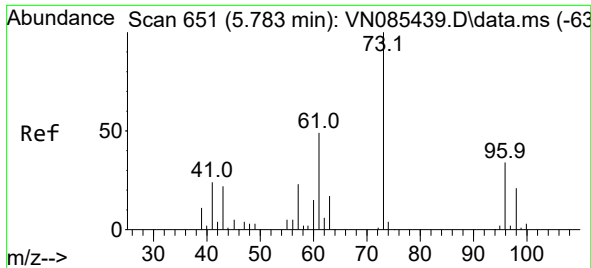
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#20
Methylene Chloride
Concen: 21.322 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN085651.D
Acq: 04 Feb 2025 14:51

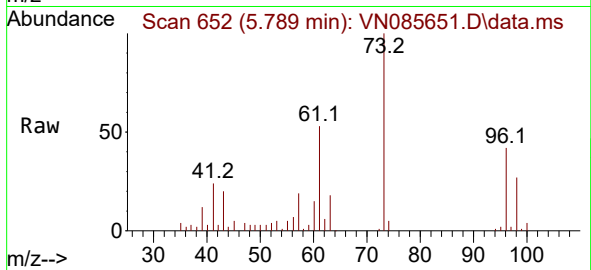
Tgt Ion: 84 Resp: 56823
Ion Ratio Lower Upper
84 100
49 115.3 104.1 156.1
51 36.0 31.0 46.4
86 67.3 51.9 77.9





#21
trans-1,2-Dichloroethene
Concen: 21.589 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN085651.D
Acq: 04 Feb 2025 14:51

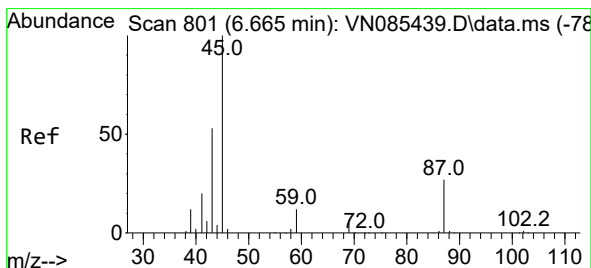
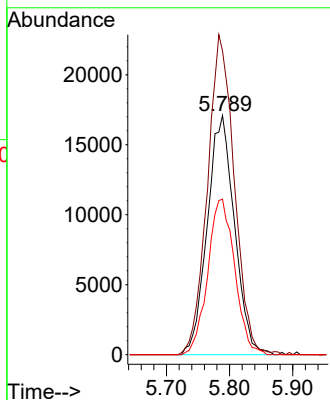
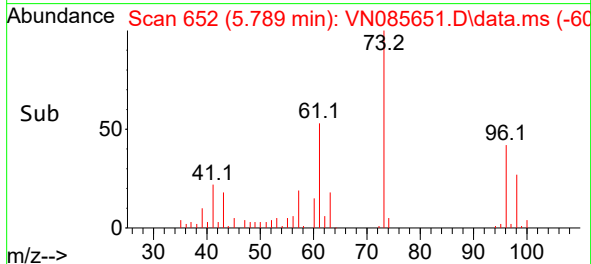
Instrument :
MSVOA_N
ClientSampleId :
VN0204WBS02



Tgt Ion: 96 Resp: 51109
Ion Ratio Lower Upper
96 100
61 126.9 115.7 173.5
98 65.0 49.8 74.8

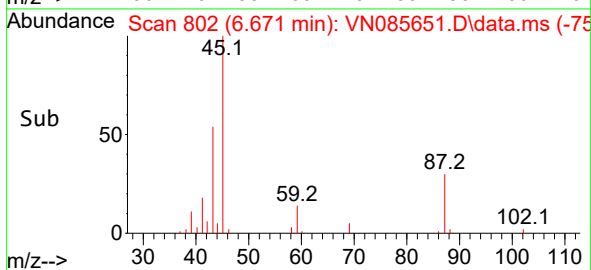
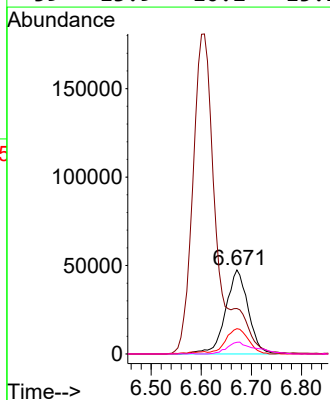
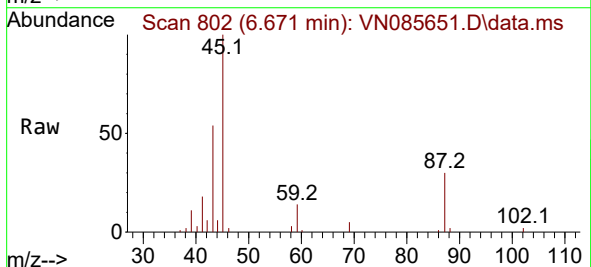
Manual Integrations
APPROVED

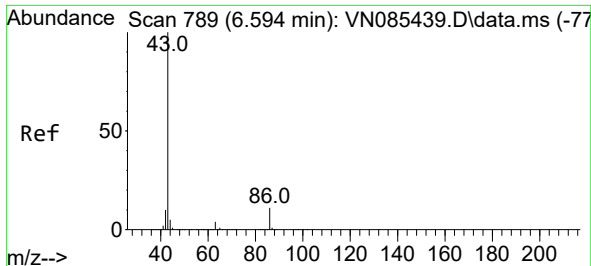
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#22
Diisopropyl ether
Concen: 18.571 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN085651.D
Acq: 04 Feb 2025 14:51

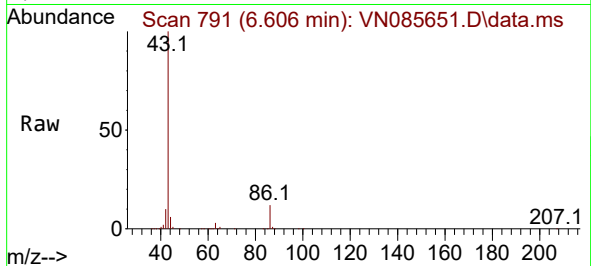
Tgt Ion: 45 Resp: 148162
Ion Ratio Lower Upper
45 100
43 51.9 45.0 67.6
87 29.7 21.8 32.8
59 13.9 10.2 15.2





#23
 Vinyl Acetate
 Concen: 95.530 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.012 min
 Lab File: VN085651.D
 Acq: 04 Feb 2025 14:51

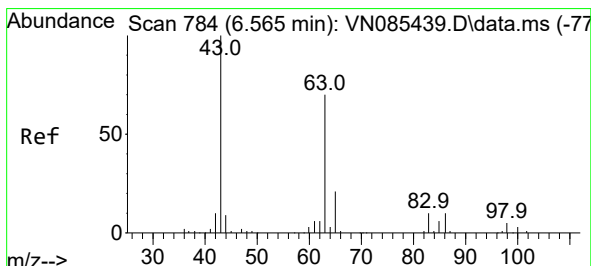
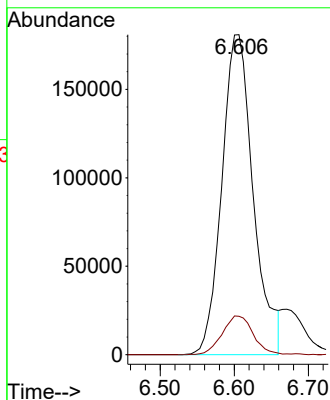
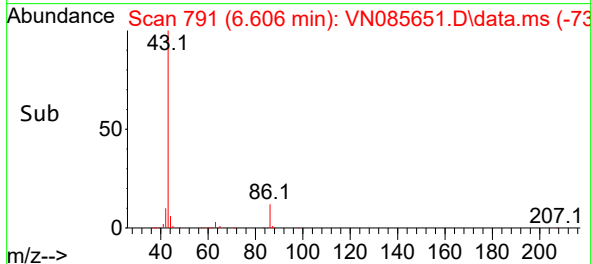
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0204WBS02



Tgt Ion: 43 Resp: 533384
 Ion Ratio Lower Upper
 43 100
 86 12.0 8.4 12.6

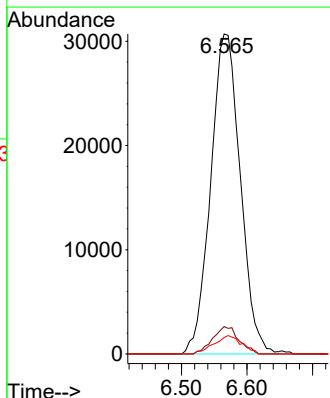
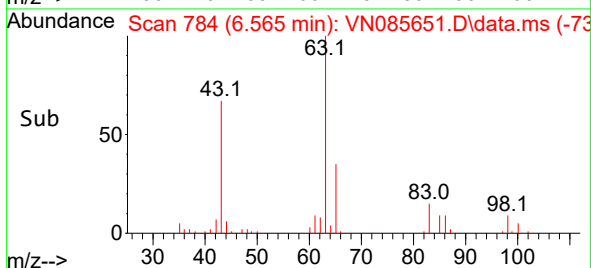
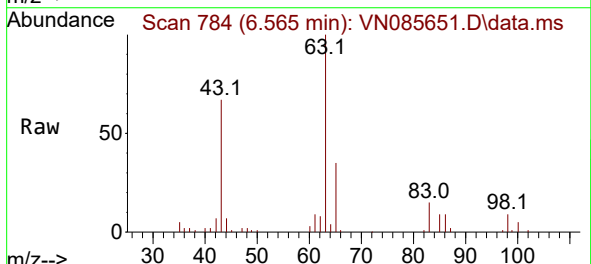
Manual Integrations
 APPROVED

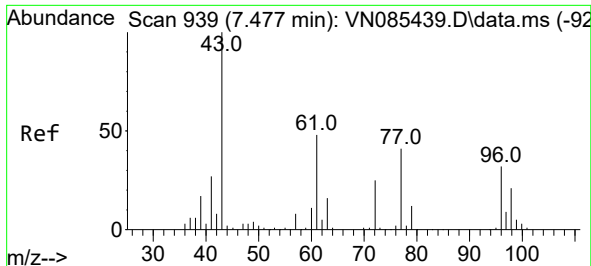
Reviewed By :John Carlone 02/05/2025
 Supervised By :Mahesh Dadoda 02/06/2025



#24
 1,1-Dichloroethane
 Concen: 19.783 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN085651.D
 Acq: 04 Feb 2025 14:51

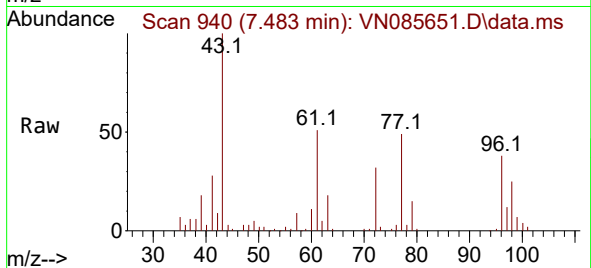
Tgt Ion: 63 Resp: 96240
 Ion Ratio Lower Upper
 63 100
 98 8.5 3.3 9.8
 100 5.1 2.0 6.0





#25
2-Butanone
Concen: 99.409 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN085651.D
Acq: 04 Feb 2025 14:51

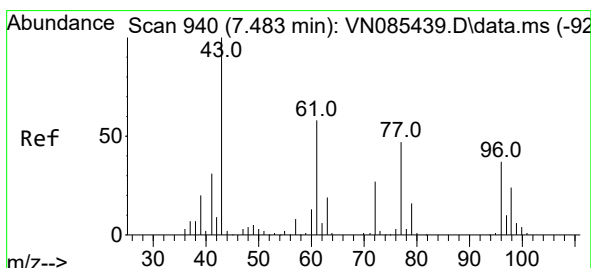
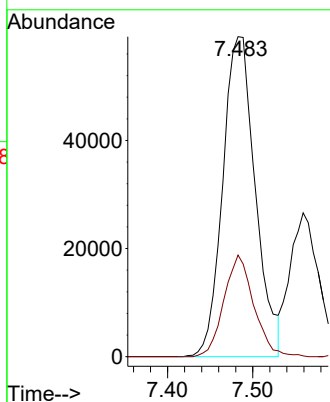
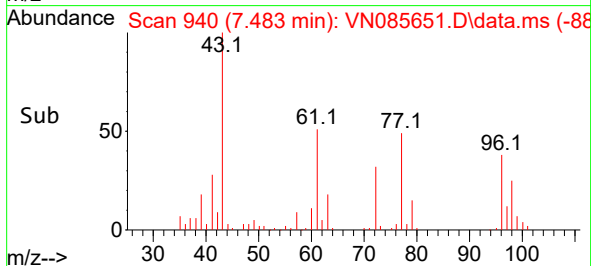
Instrument :
MSVOA_N
ClientSampleId :
VN0204WBS02



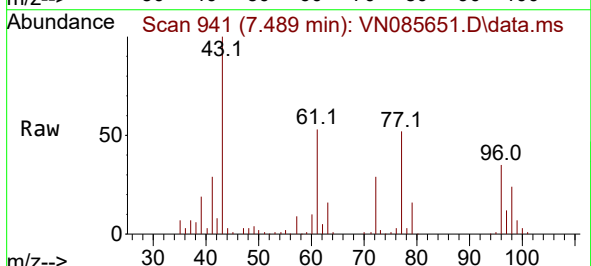
Tgt Ion: 43 Resp: 157483
Ion Ratio Lower Upper
43 100
72 31.8 20.2 30.4

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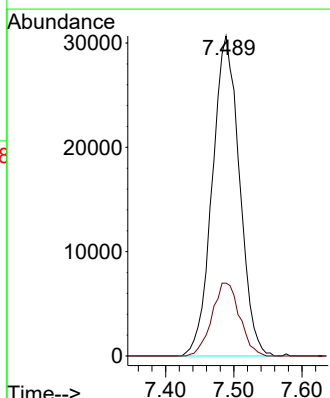
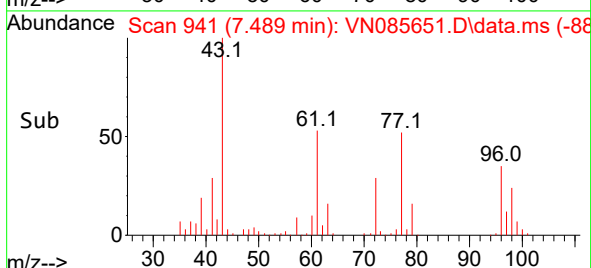
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025

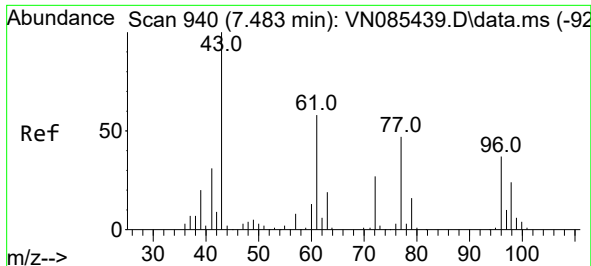


#26
2,2-Dichloropropane
Concen: 21.614 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085651.D
Acq: 04 Feb 2025 14:51



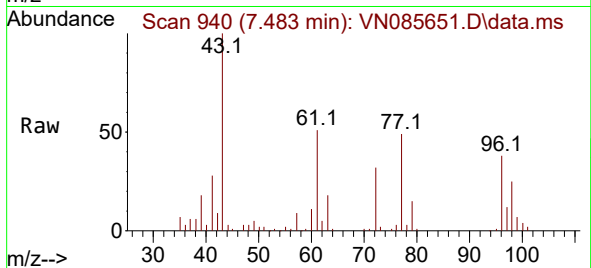
Tgt Ion: 77 Resp: 85009
Ion Ratio Lower Upper
77 100
97 23.2 10.7 32.1





#27
 cis-1,2-Dichloroethene
 Concen: 21.035 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN085651.D
 Acq: 04 Feb 2025 14:51

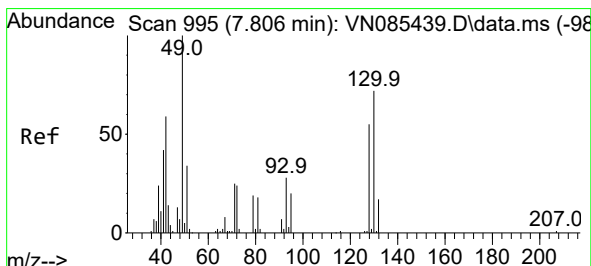
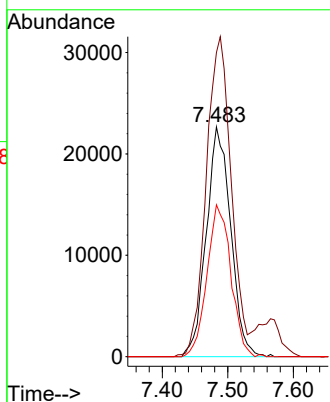
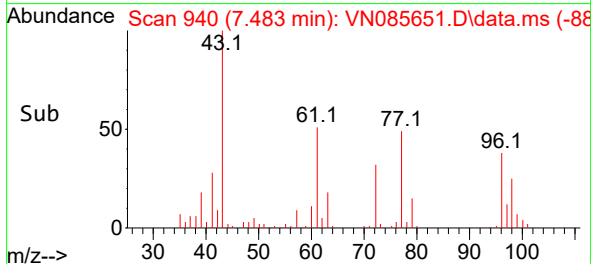
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0204WBS02



Tgt Ion: 96 Resp: 5865
 Ion Ratio Lower Upper
 96 100
 61 143.5 0.0 311.8
 98 64.7 0.0 126.0

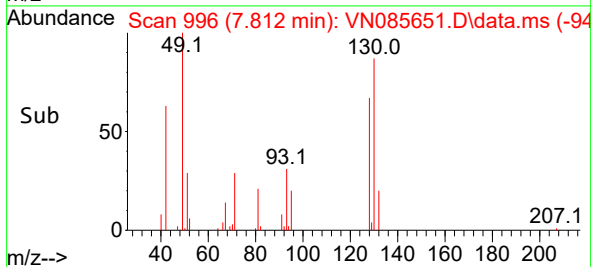
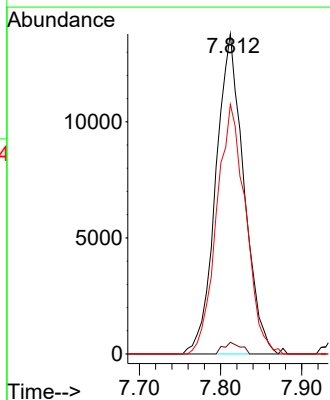
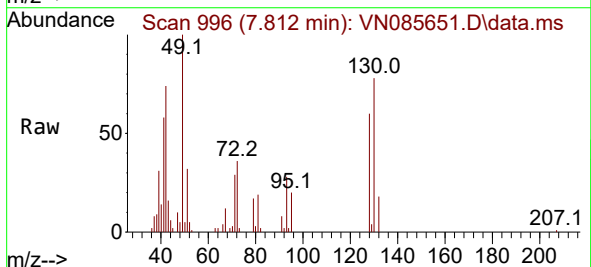
Manual Integrations
 APPROVED

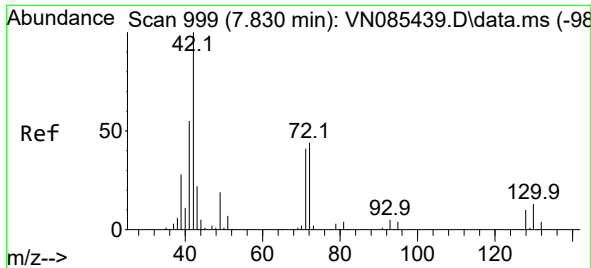
Reviewed By :John Carlone 02/05/2025
 Supervised By :Mahesh Dadoda 02/06/2025



#28
 Bromochloromethane
 Concen: 14.596 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN085651.D
 Acq: 04 Feb 2025 14:51

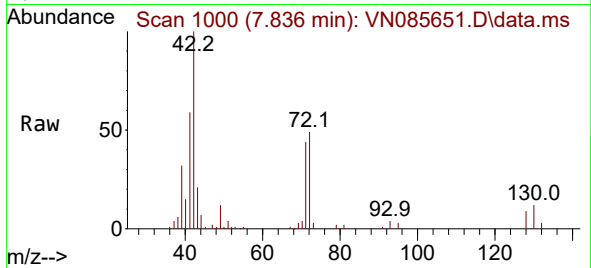
Tgt Ion: 49 Resp: 33036
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.4
 130 80.8 55.0 82.4





#29
Tetrahydrofuran
Concen: 102.187 ug/l
RT: 7.836 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VN085651.D
Acq: 04 Feb 2025 14:51

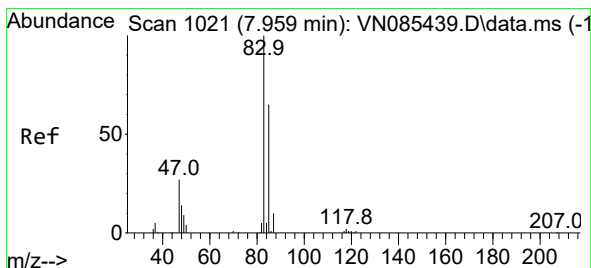
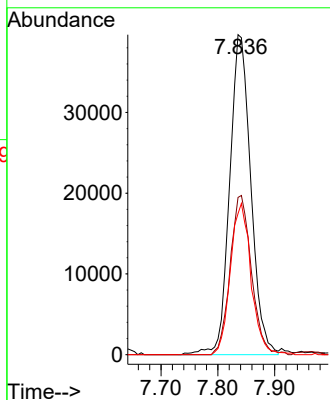
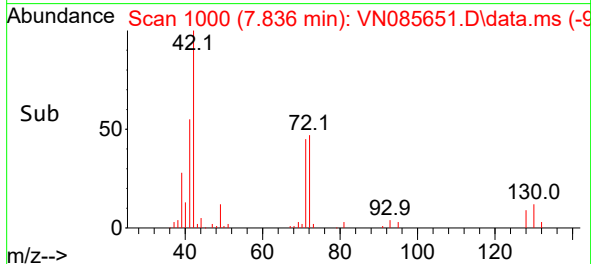
Instrument :
MSVOA_N
ClientSampleId :
VN0204WBS02



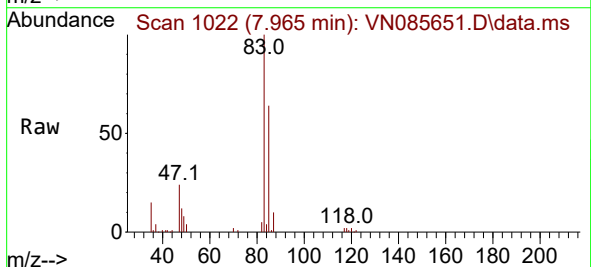
Tgt Ion: 42 Resp: 10263
Ion Ratio Lower Upper
42 100
72 50.0 34.2 51.2
71 46.2 32.5 48.7

Manual Integrations
APPROVED

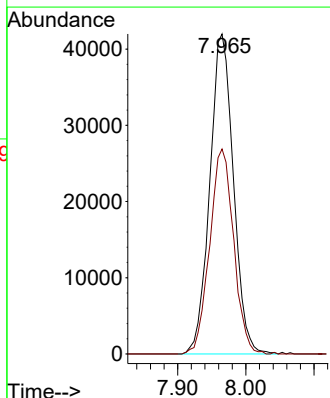
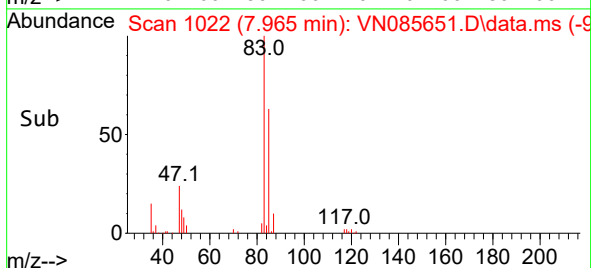
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025

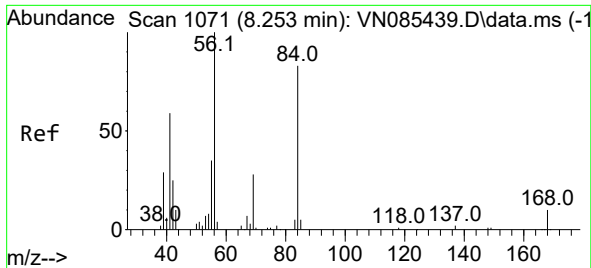


#30
Chloroform
Concen: 20.142 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VN085651.D
Acq: 04 Feb 2025 14:51



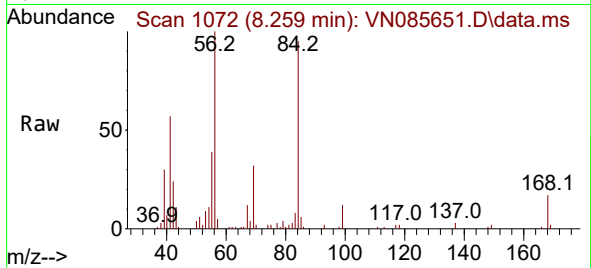
Tgt Ion: 83 Resp: 101271
Ion Ratio Lower Upper
83 100
85 64.0 51.8 77.6





#31
Cyclohexane
Concen: 18.606 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.006 min
Lab File: VN085651.D
Acq: 04 Feb 2025 14:51

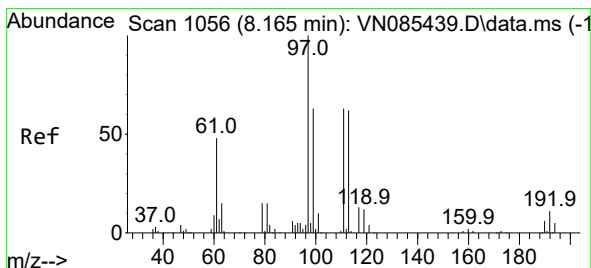
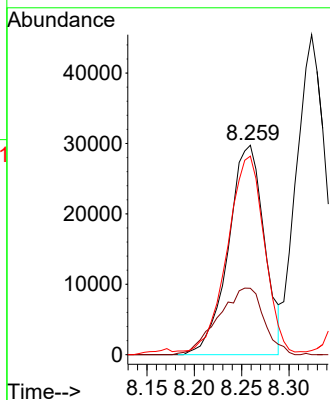
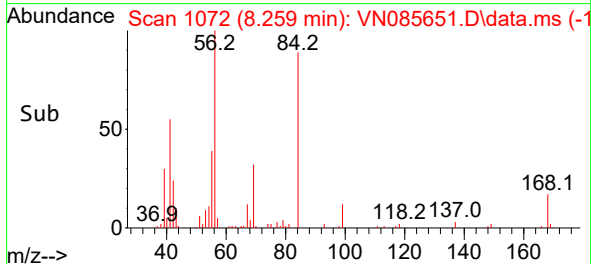
Instrument :
MSVOA_N
ClientSampleId :
VN0204WBS02



Tgt Ion: 56 Resp: 7867
Ion Ratio Lower Upper
56 100
69 31.0 22.2 33.4
84 93.0 66.4 99.6

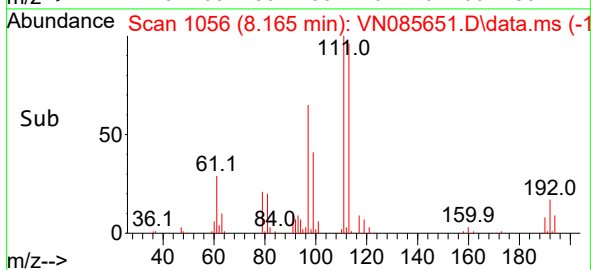
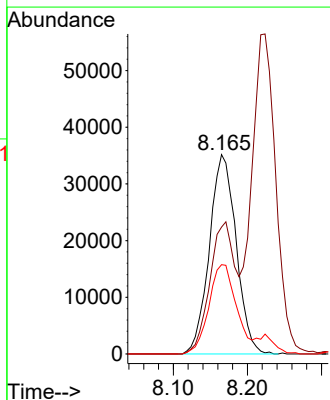
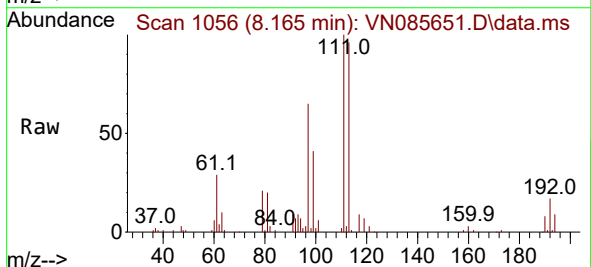
Manual Integrations
APPROVED

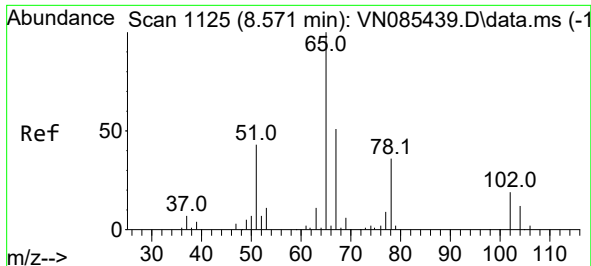
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#32
1,1,1-Trichloroethane
Concen: 19.996 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN085651.D
Acq: 04 Feb 2025 14:51

Tgt Ion: 97 Resp: 88190
Ion Ratio Lower Upper
97 100
99 62.7 49.8 74.6
61 46.1 41.4 62.2





#33

1,2-Dichloroethane-d4

Concen: 45.172 ug/l

RT: 8.577 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VN085651.D

Acq: 04 Feb 2025 14:51

Instrument :

MSVOA_N

ClientSampleId :

VN0204WBS02

Tgt Ion: 65 Resp: 150502

Ion Ratio Lower Upper

65 100

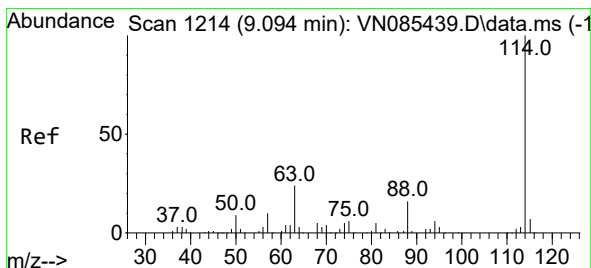
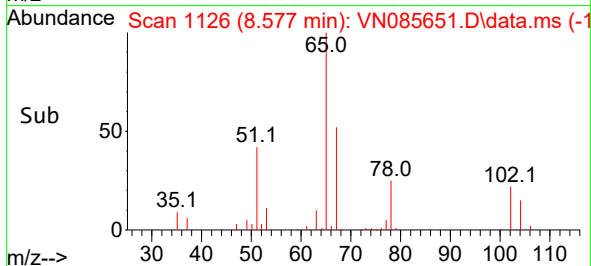
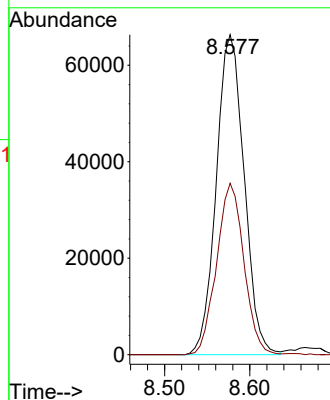
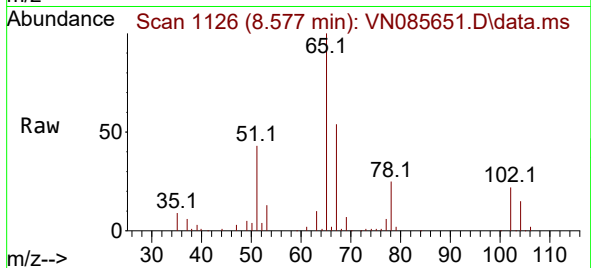
67 52.5 0.0 101.6

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: VN085651.D

Acq: 04 Feb 2025 14:51

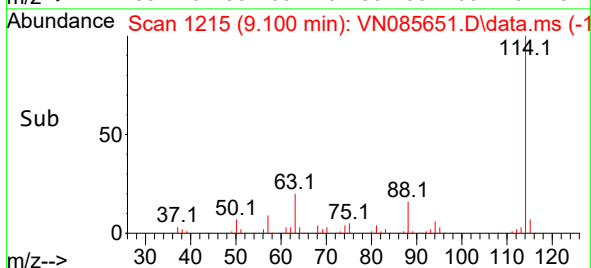
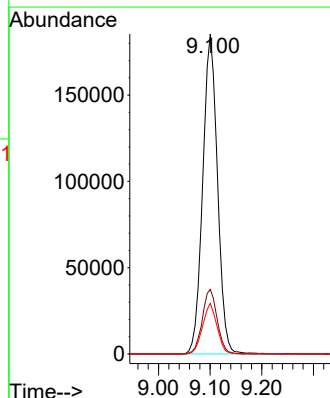
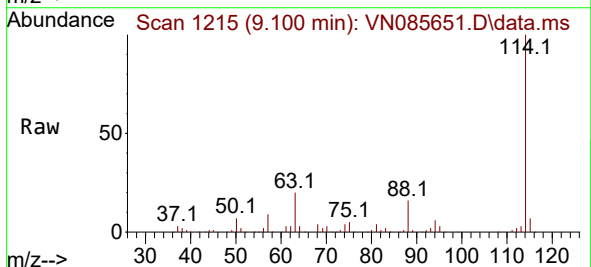
Tgt Ion:114 Resp: 367320

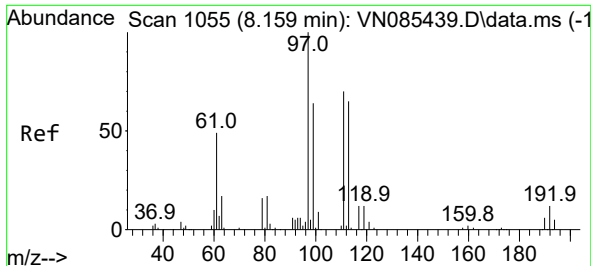
Ion Ratio Lower Upper

114 100

63 20.2 0.0 47.6

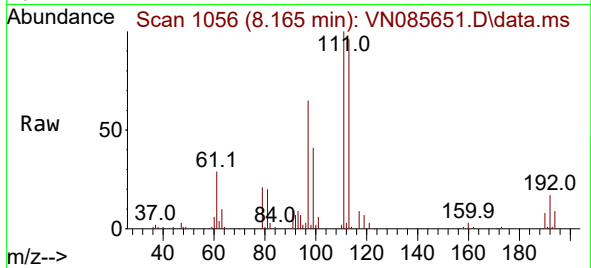
88 15.8 0.0 32.6





#35
Dibromofluoromethane
Concen: 48.743 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085651.D
Acq: 04 Feb 2025 14:51

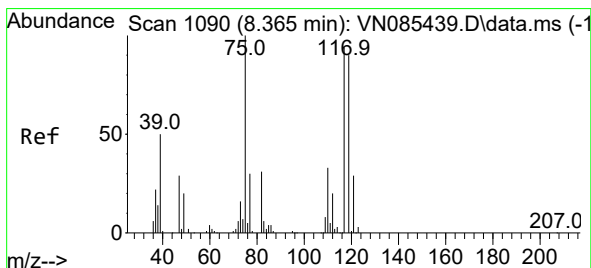
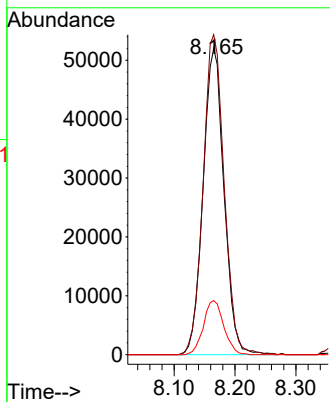
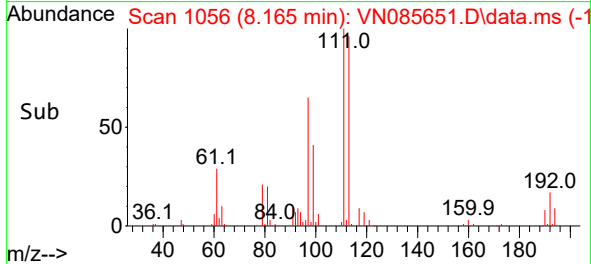
Instrument :
MSVOA_N
ClientSampleId :
VN0204WBS02



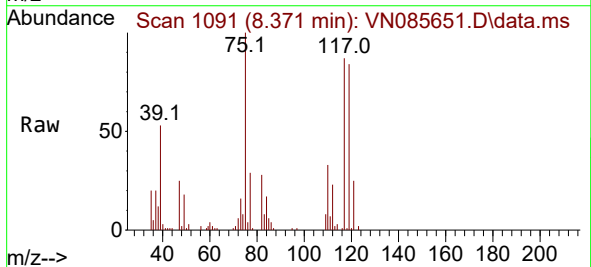
Tgt Ion: 113 Resp: 12421
Ion Ratio Lower Upper
113 100
111 104.9 82.7 124.1
192 17.1 14.3 21.5

Manual Integrations
APPROVED

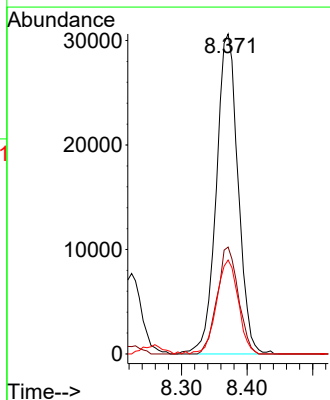
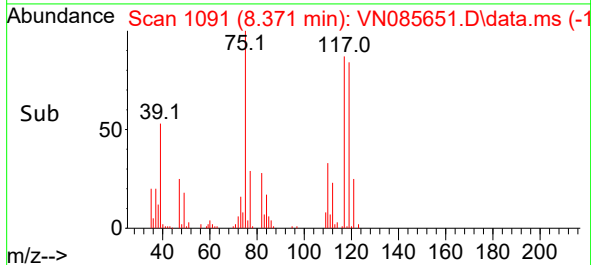
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025

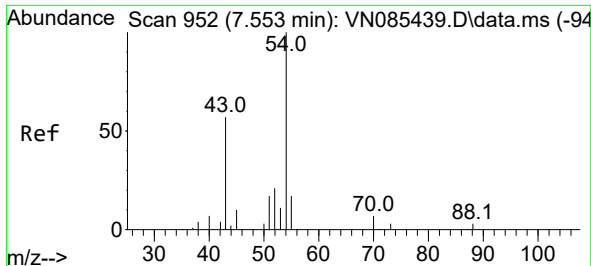


#36
1,1-Dichloropropene
Concen: 19.652 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN085651.D
Acq: 04 Feb 2025 14:51



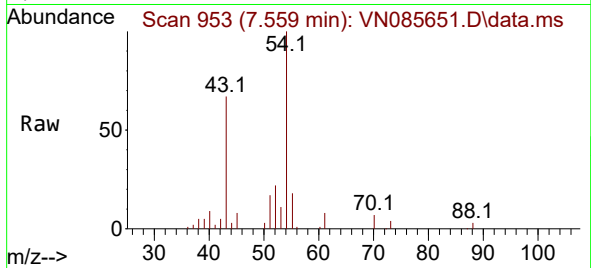
Tgt Ion: 75 Resp: 70286
Ion Ratio Lower Upper
75 100
110 32.6 16.5 49.5
77 29.5 24.4 36.6





#37
Ethyl Acetate
Concen: 18.275 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN085651.D
Acq: 04 Feb 2025 14:51

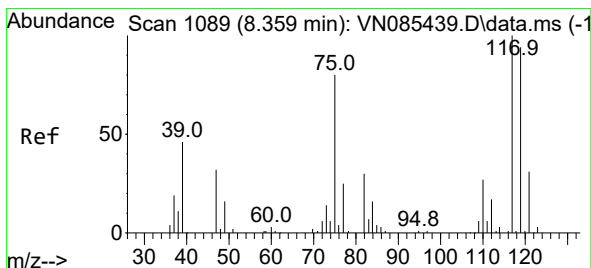
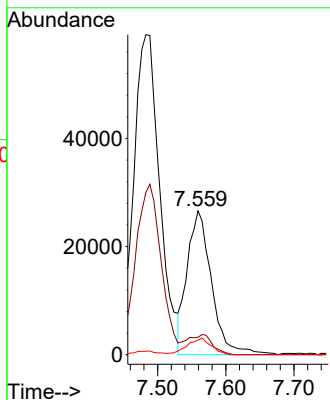
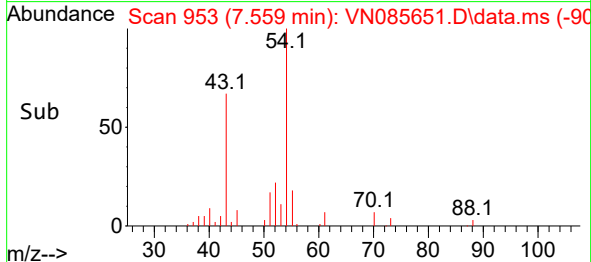
Instrument :
MSVOA_N
ClientSampleId :
VN0204WBS02



Tgt Ion: 43 Resp: 6597
Ion Ratio Lower Upper
43 100
61 13.7 10.9 16.3
70 11.3 7.5 11.3

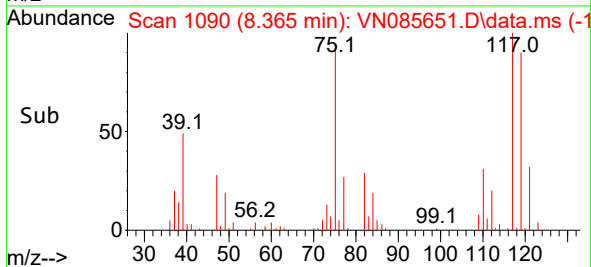
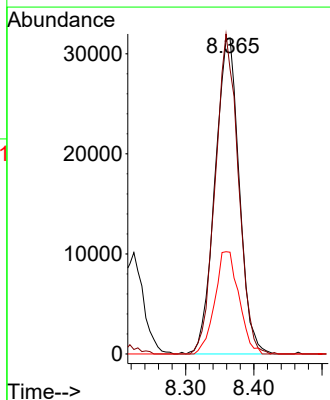
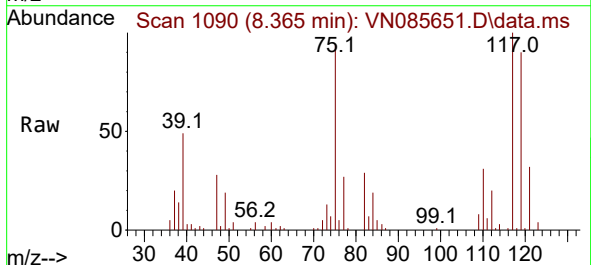
Manual Integrations
APPROVED

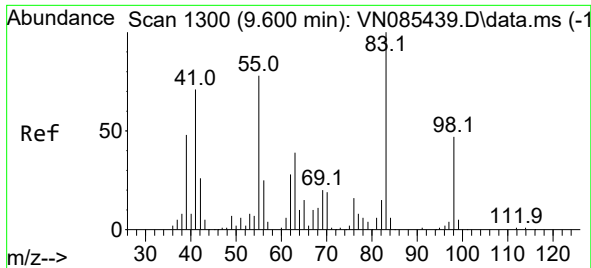
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#38
Carbon Tetrachloride
Concen: 19.076 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN085651.D
Acq: 04 Feb 2025 14:51

Tgt Ion:117 Resp: 78107
Ion Ratio Lower Upper
117 100
119 90.2 75.4 113.2
121 32.2 24.6 37.0





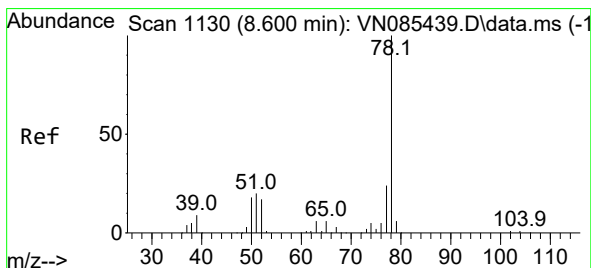
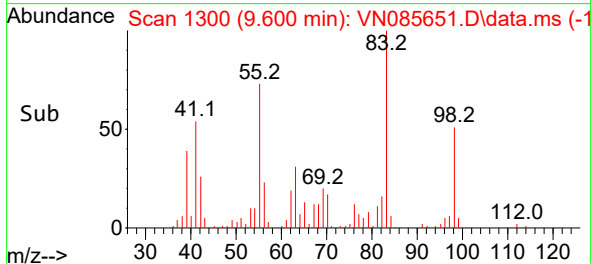
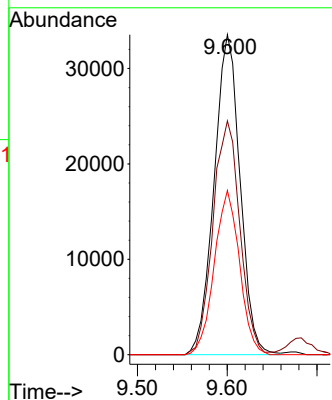
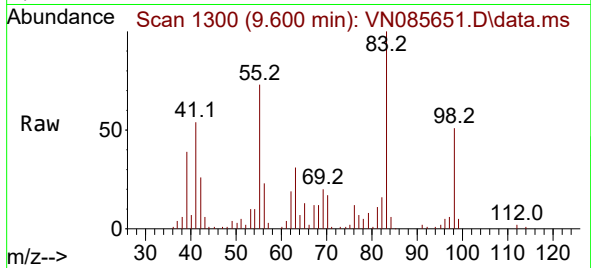
#39
Methylcyclohexane
Concen: 20.082 ug/l
RT: 9.600 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN085651.D
Acq: 04 Feb 2025 14:51

Instrument :
MSVOA_N
ClientSampleId :
VN0204WBS02

Tgt Ion: 83 Resp: 67494
Ion Ratio Lower Upper
83 100
55 73.1 62.6 94.0
98 51.3 37.7 56.5

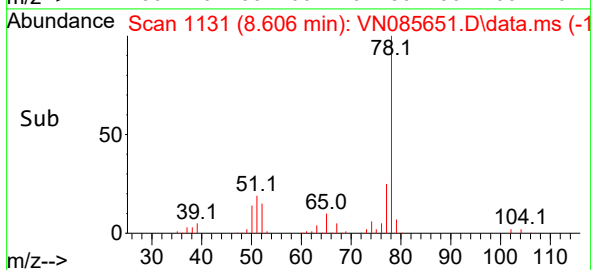
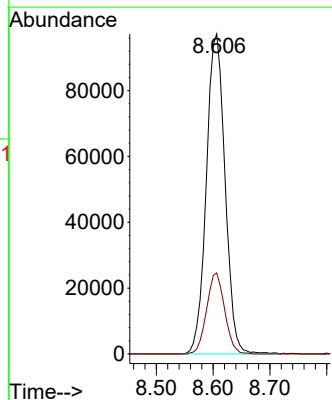
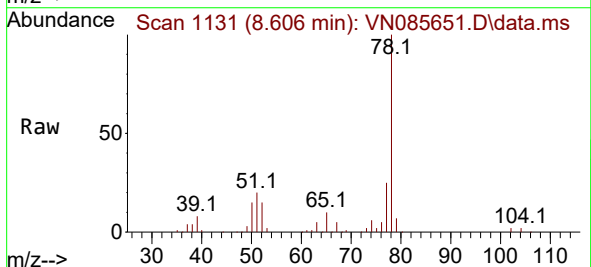
Manual Integrations
APPROVED

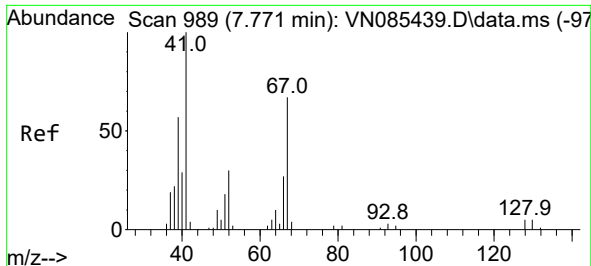
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#40
Benzene
Concen: 20.639 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VN085651.D
Acq: 04 Feb 2025 14:51

Tgt Ion: 78 Resp: 221792
Ion Ratio Lower Upper
78 100
77 25.3 19.0 28.6





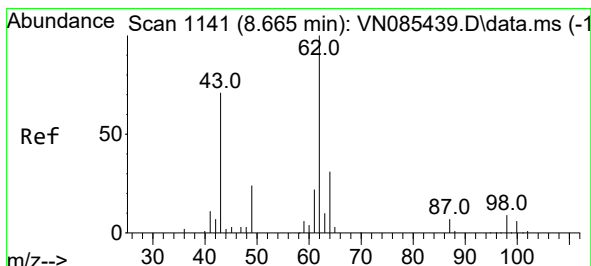
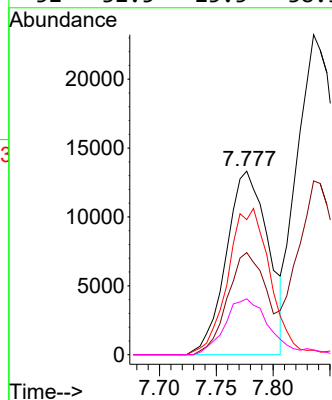
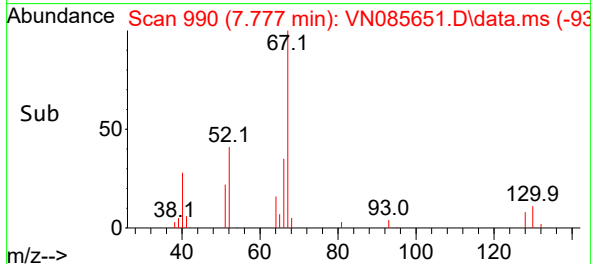
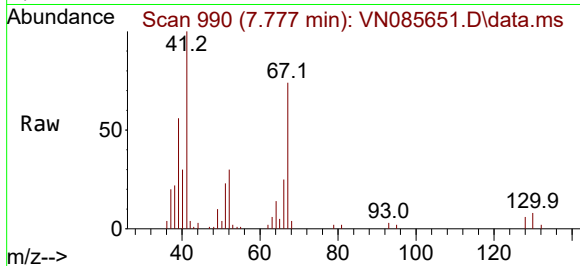
#41
Methacrylonitrile
Concen: 18.274 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.006 min
Lab File: VN085651.D
Acq: 04 Feb 2025 14:51

Instrument :
MSVOA_N
ClientSampleId :
VN0204WBS02

Tgt Ion: 41	Resp: 34320
Ion Ratio	Lower Upper
41 100	
39 50.0	46.0 69.0
67 80.2	57.4 86.2
52 32.5	25.5 38.3

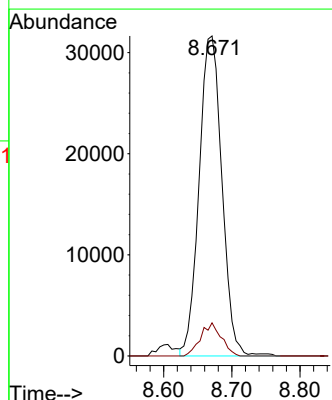
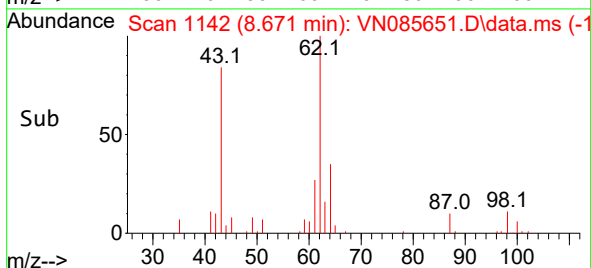
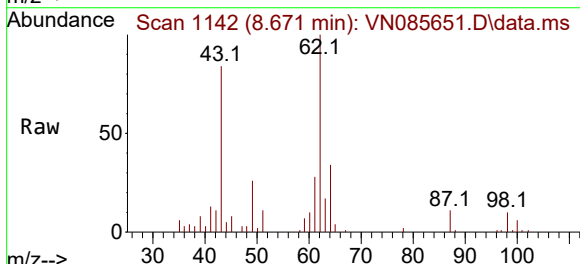
Manual Integrations
APPROVED

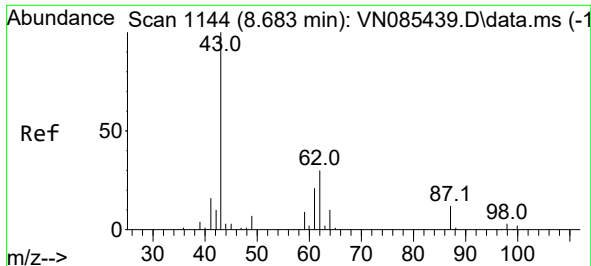
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#42
1,2-Dichloroethane
Concen: 18.179 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN085651.D
Acq: 04 Feb 2025 14:51

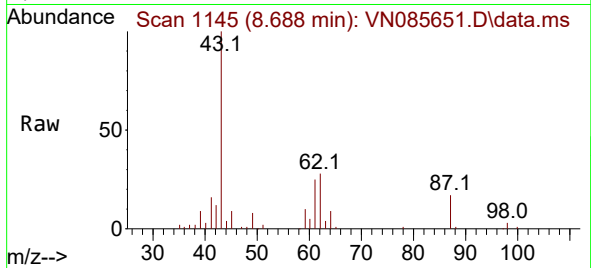
Tgt Ion: 62	Resp: 73577
Ion Ratio	Lower Upper
62 100	
98 9.4	0.0 17.0





#43
Isopropyl Acetate
Concen: 20.051 ug/l m
RT: 8.688 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN085651.D
Acq: 04 Feb 2025 14:51

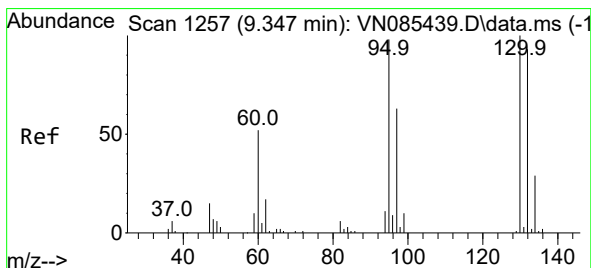
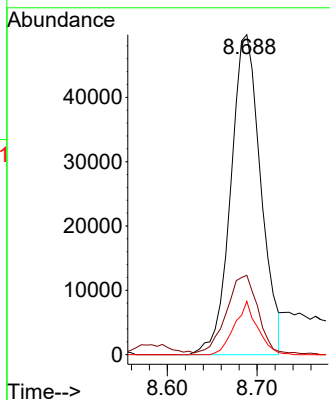
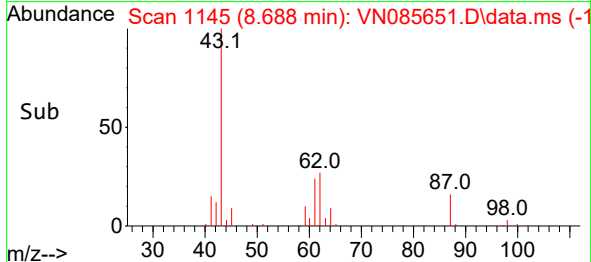
Instrument :
MSVOA_N
ClientSampleId :
VN0204WBS02



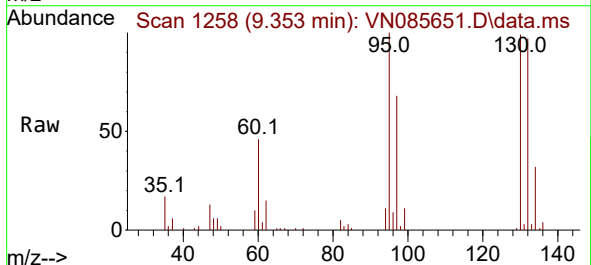
Tgt Ion: 43 Resp: 11598
Ion Ratio Lower Upper
43 100
61 26.6 20.7 31.1
87 12.7 9.8 14.8

Manual Integrations
APPROVED

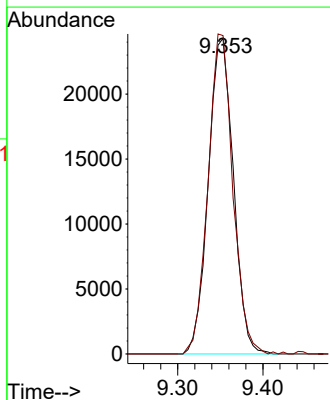
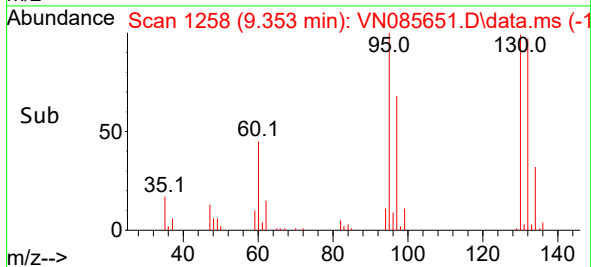
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025

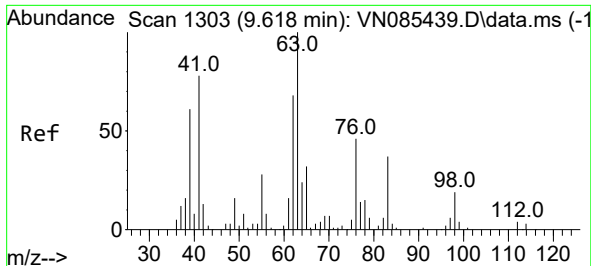


#44
Trichloroethene
Concen: 19.842 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN085651.D
Acq: 04 Feb 2025 14:51



Tgt Ion:130 Resp: 49633
Ion Ratio Lower Upper
130 100
95 100.9 0.0 195.8





#45

1,2-Dichloropropane

Concen: 19.672 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VN085651.D

Acq: 04 Feb 2025 14:51

Instrument :

MSVOA_N

ClientSampleId :

VN0204WBS02

Tgt Ion: 63 Resp: 5399

Ion Ratio Lower Upper

63 100

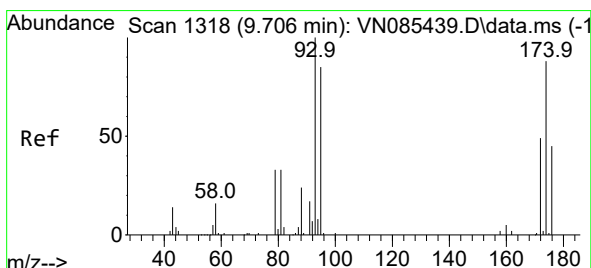
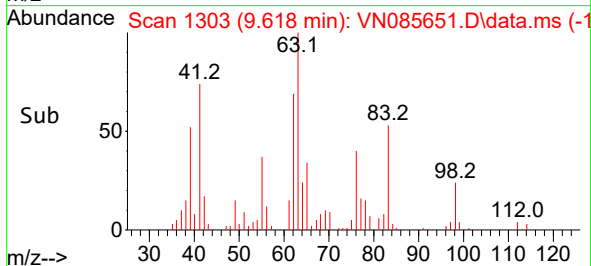
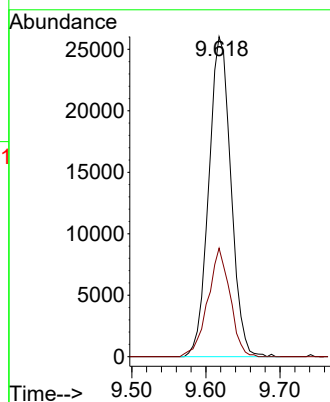
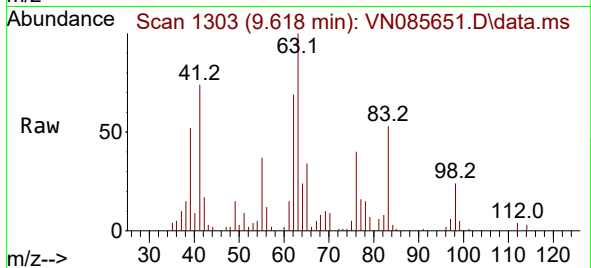
65 33.9 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/05/2025

Supervised By :Mahesh Dadoda 02/06/2025



#46

Dibromomethane

Concen: 19.747 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN085651.D

Acq: 04 Feb 2025 14:51

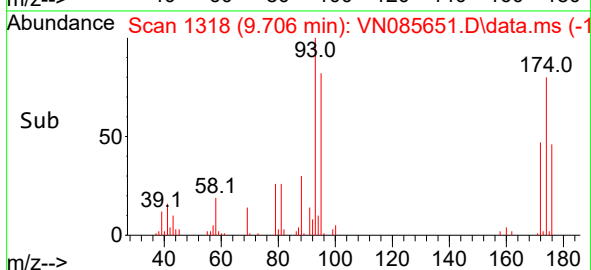
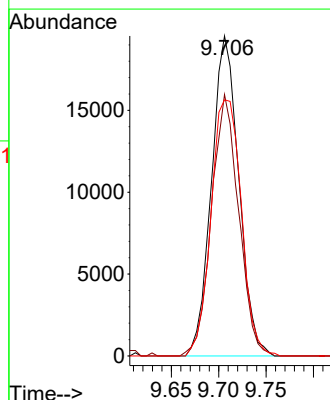
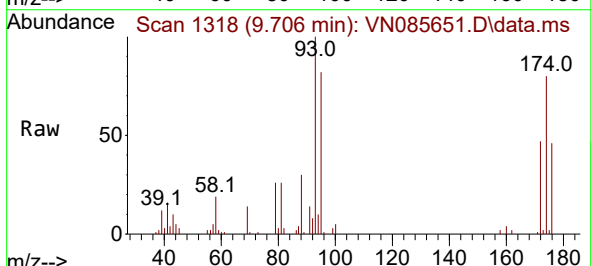
Tgt Ion: 93 Resp: 39110

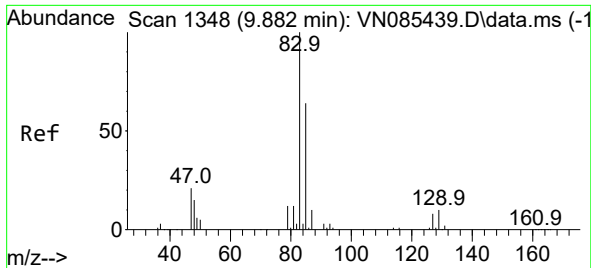
Ion Ratio Lower Upper

93 100

95 81.4 64.7 97.1

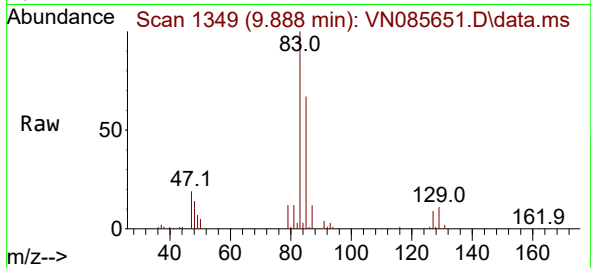
174 89.0 69.0 103.4





#47
Bromodichloromethane
Concen: 19.263 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.006 min
Lab File: VN085651.D
Acq: 04 Feb 2025 14:51

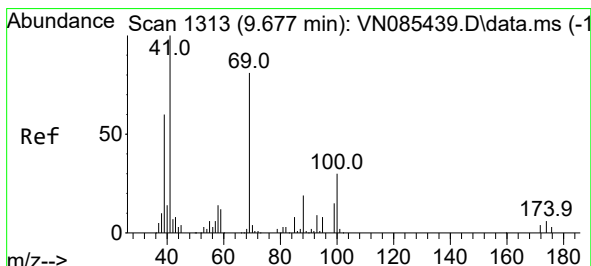
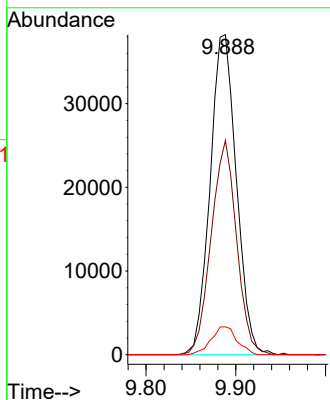
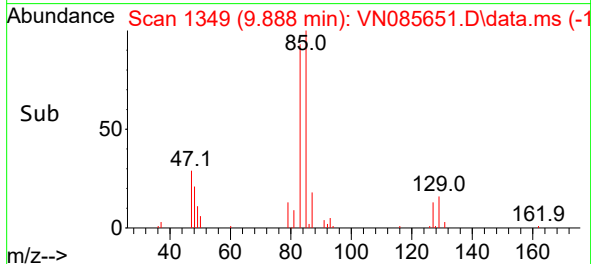
Instrument :
MSVOA_N
ClientSampleId :
VN0204WBS02



Tgt Ion: 83 Resp: 7772
Ion Ratio Lower Upper
83 100
85 67.0 51.2 76.8
127 8.7 6.5 9.7

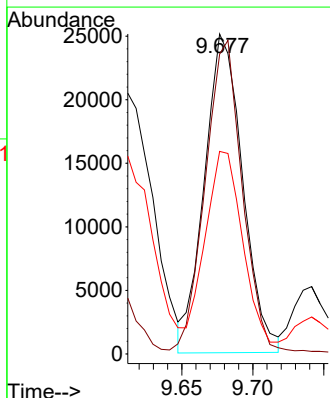
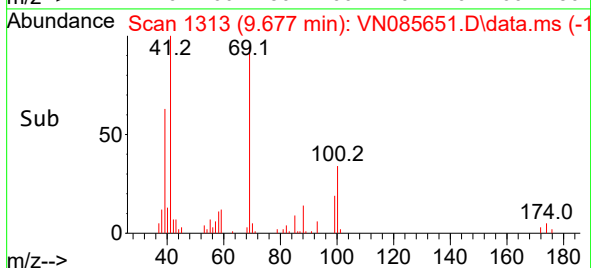
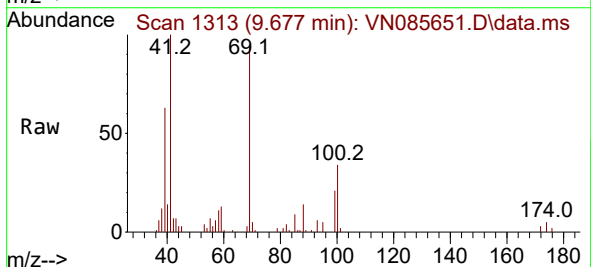
Manual Integrations
APPROVED

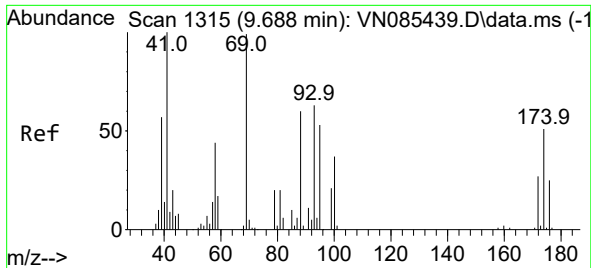
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#48
Methyl methacrylate
Concen: 18.096 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN085651.D
Acq: 04 Feb 2025 14:51

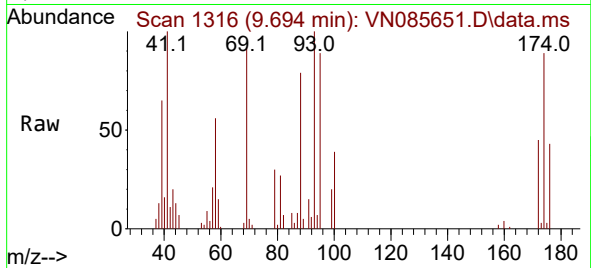
Tgt Ion: 41 Resp: 47105
Ion Ratio Lower Upper
41 100
69 96.3 64.7 97.1
39 63.8 49.0 73.6





#49
1,4-Dioxane
Concen: 439.639 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.006 min
Lab File: VN085651.D
Acq: 04 Feb 2025 14:51

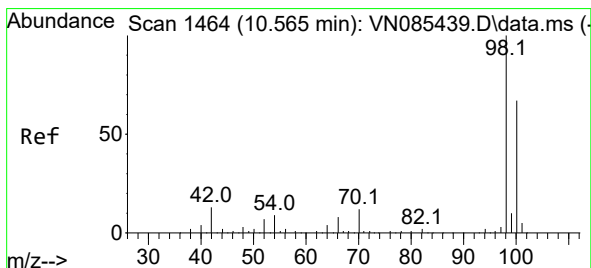
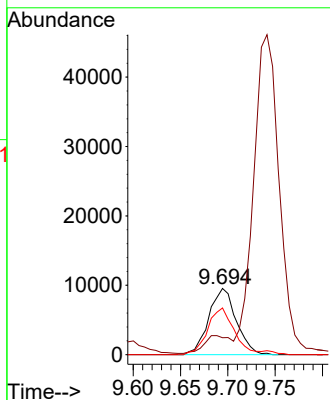
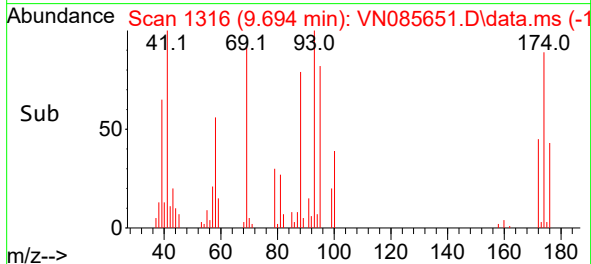
Instrument :
MSVOA_N
ClientSampleId :
VN0204WBS02



Tgt Ion: 88 Resp: 19272
Ion Ratio Lower Upper
88 100
43 27.7 26.6 39.8
58 70.7 59.5 89.3

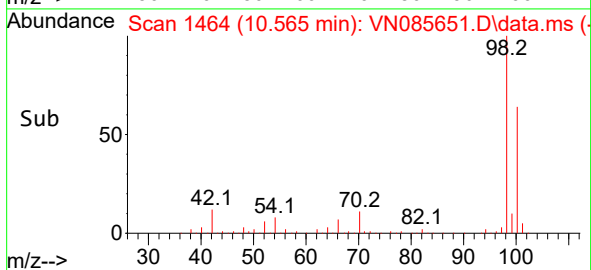
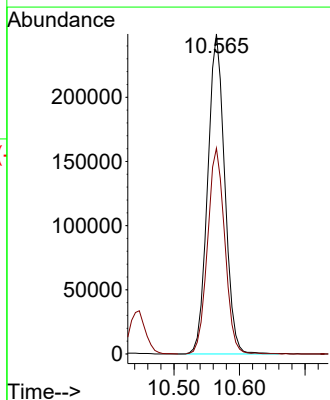
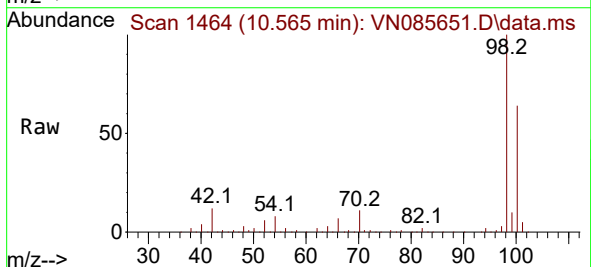
Manual Integrations
APPROVED

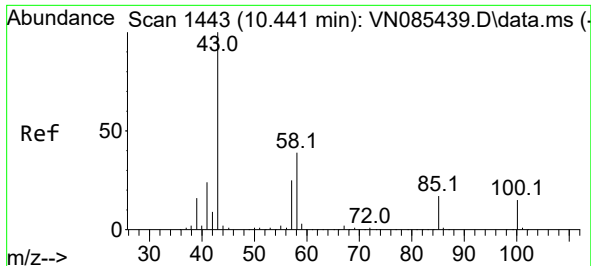
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#50
Toluene-d8
Concen: 49.771 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN085651.D
Acq: 04 Feb 2025 14:51

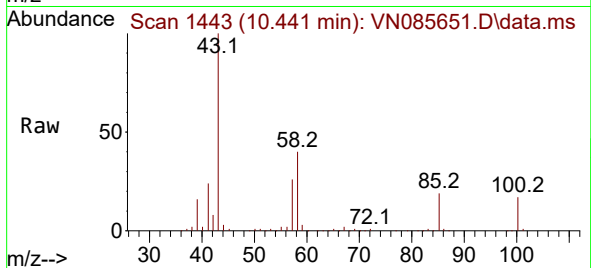
Tgt Ion: 98 Resp: 450633
Ion Ratio Lower Upper
98 100
100 64.9 52.2 78.4





#51
4-Methyl-2-Pentanone
Concen: 97.965 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085651.D
Acq: 04 Feb 2025 14:51

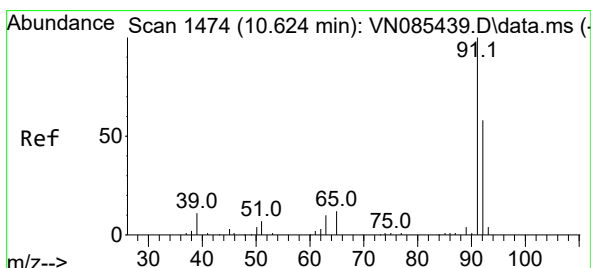
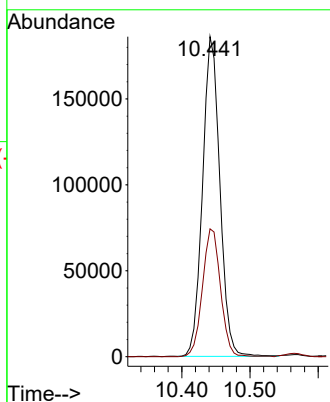
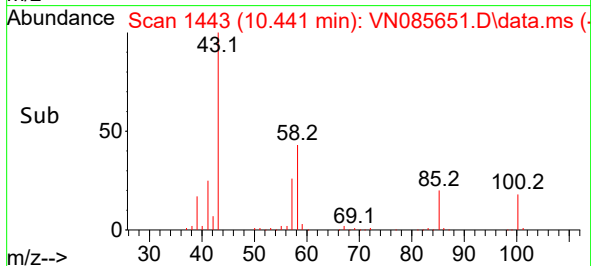
Instrument :
MSVOA_N
ClientSampleId :
VN0204WBS02



Tgt Ion: 43 Resp: 328830
Ion Ratio Lower Upper
43 100
58 41.7 30.5 45.7

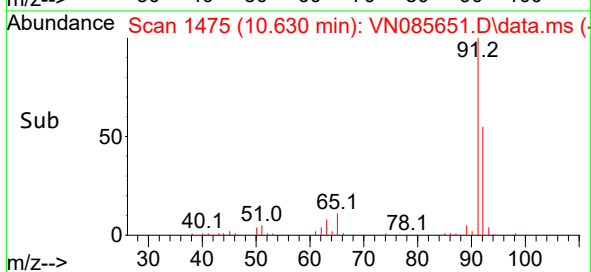
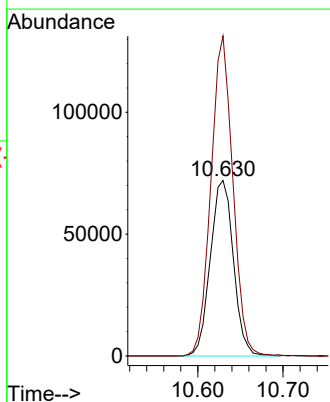
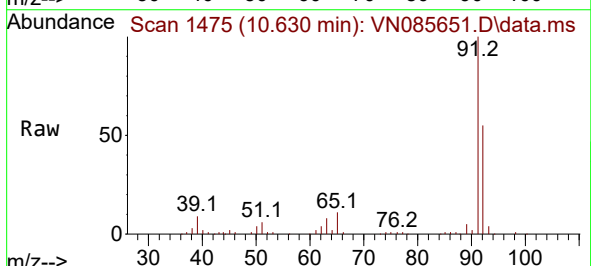
Manual Integrations
APPROVED

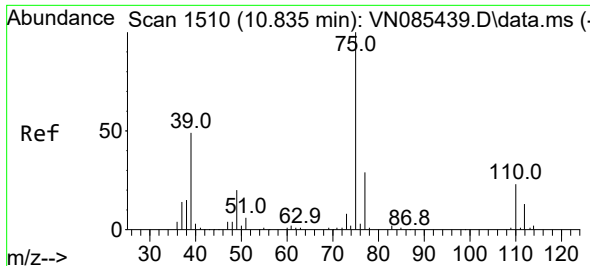
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#52
Toluene
Concen: 21.741 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN085651.D
Acq: 04 Feb 2025 14:51

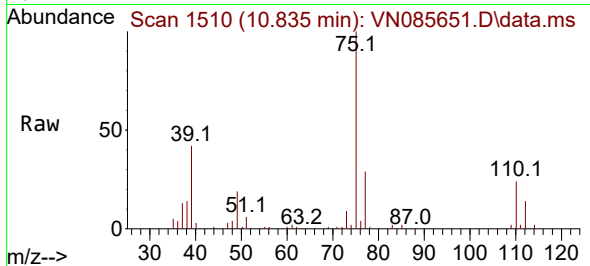
Tgt Ion: 92 Resp: 135369
Ion Ratio Lower Upper
92 100
91 173.5 139.2 208.8





#53
t-1,3-Dichloropropene
Concen: 19.583 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN085651.D
Acq: 04 Feb 2025 14:51

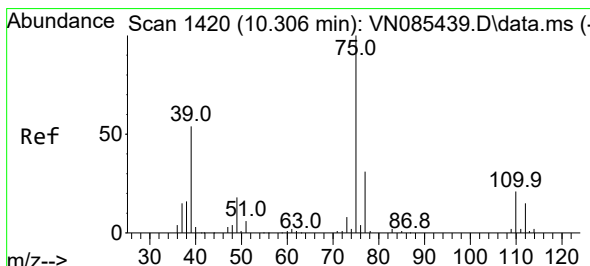
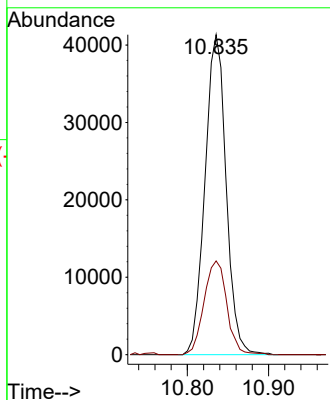
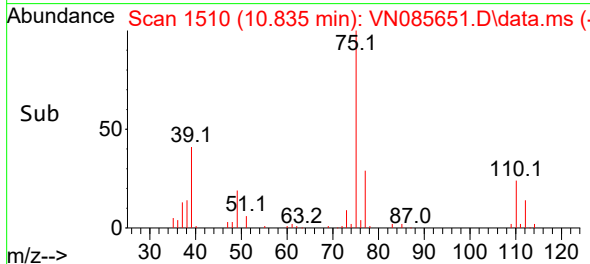
Instrument :
MSVOA_N
ClientSampleId :
VN0204WBS02



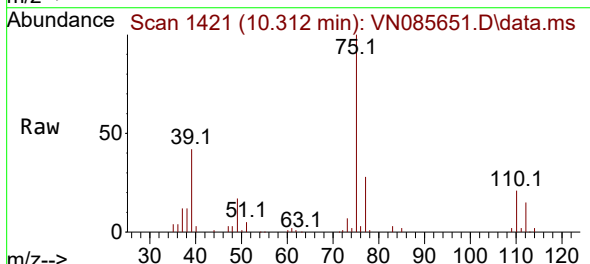
Tgt Ion: 75 Resp: 74675
Ion Ratio Lower Upper
75 100
77 29.3 23.5 35.3

Manual Integrations
APPROVED

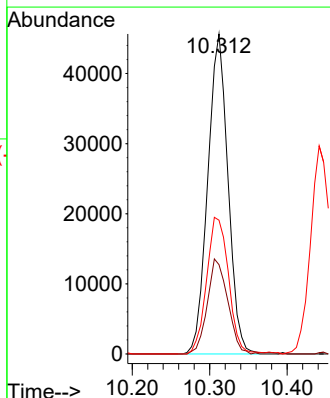
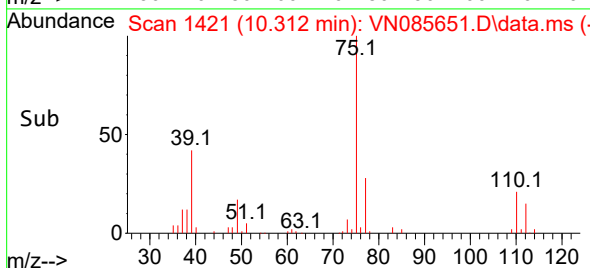
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025

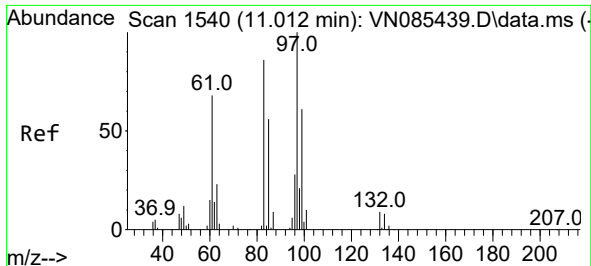


#54
cis-1,3-Dichloropropene
Concen: 20.385 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.006 min
Lab File: VN085651.D
Acq: 04 Feb 2025 14:51



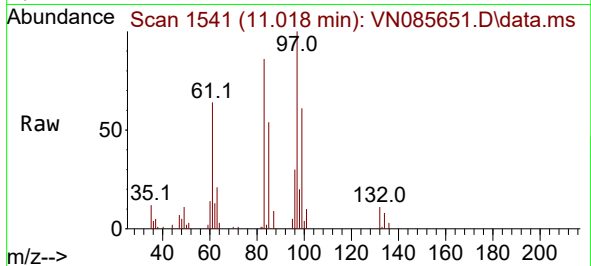
Tgt Ion: 75 Resp: 83030
Ion Ratio Lower Upper
75 100
77 27.9 25.0 37.4
39 41.8 43.1 64.7#





#55
1,1,2-Trichloroethane
Concen: 20.914 ug/l
RT: 11.018 min Scan# 1540
Delta R.T. 0.006 min
Lab File: VN085651.D
Acq: 04 Feb 2025 14:51

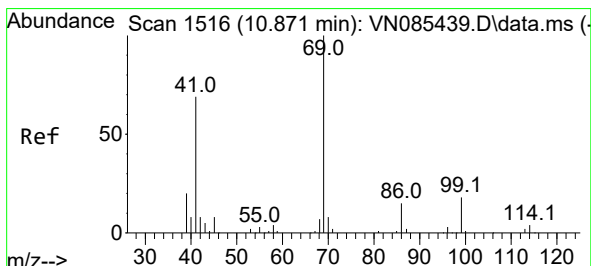
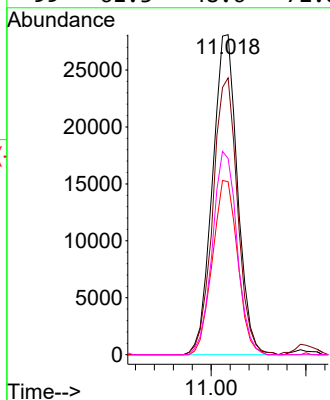
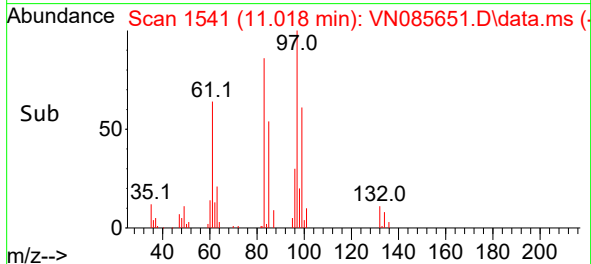
Instrument :
MSVOA_N
ClientSampleId :
VN0204WBS02



Tgt Ion: 97 Resp: 51534
Ion Ratio Lower Upper
97 100
83 86.5 69.0 103.6
85 54.0 44.6 66.8
99 61.3 48.6 72.8

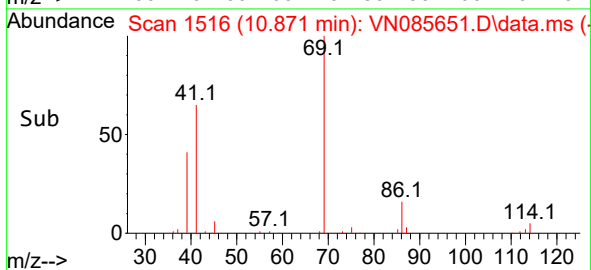
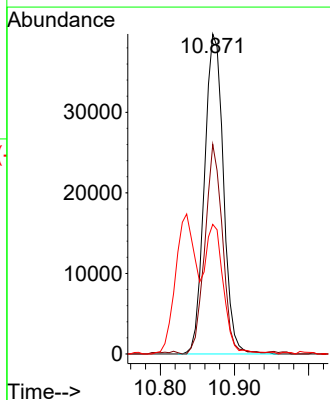
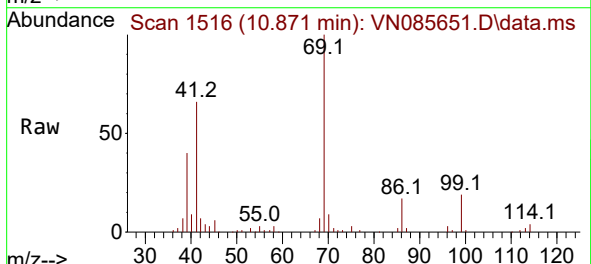
Manual Integrations
APPROVED

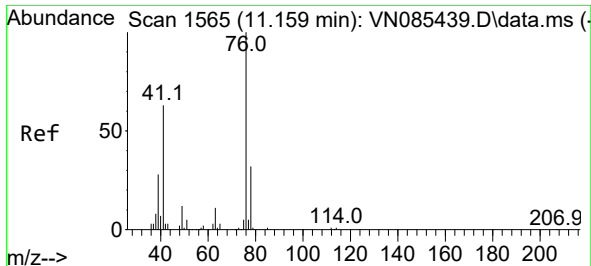
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#56
Ethyl methacrylate
Concen: 18.280 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN085651.D
Acq: 04 Feb 2025 14:51

Tgt Ion: 69 Resp: 70589
Ion Ratio Lower Upper
69 100
41 60.9 54.6 82.0
39 39.6 32.4 48.6





#57

1,3-Dichloropropane

Concen: 20.170 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. 0.000 min

Lab File: VN085651.D

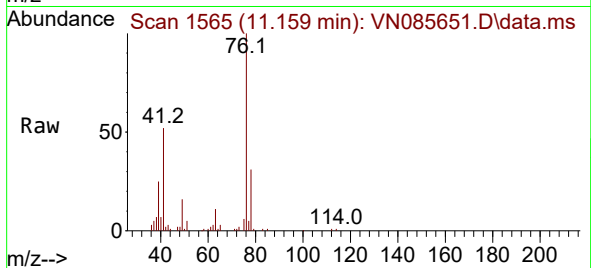
Acq: 04 Feb 2025 14:51

Instrument :

MSVOA_N

ClientSampleId :

VN0204WBS02



Tgt Ion: 76 Resp: 86420

Ion Ratio Lower Upper

76 100

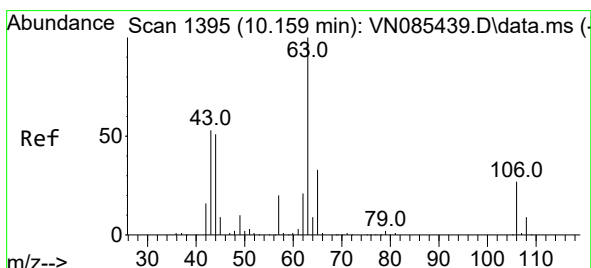
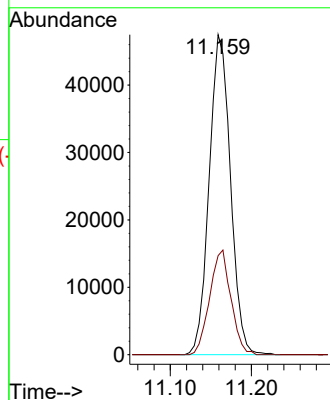
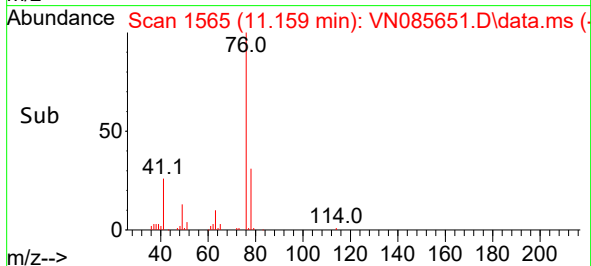
78 32.6 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/05/2025

Supervised By :Mahesh Dadoda 02/06/2025



#58

2-Chloroethyl Vinyl ether

Concen: 67.812 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN085651.D

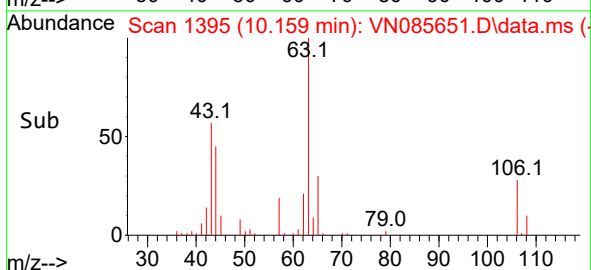
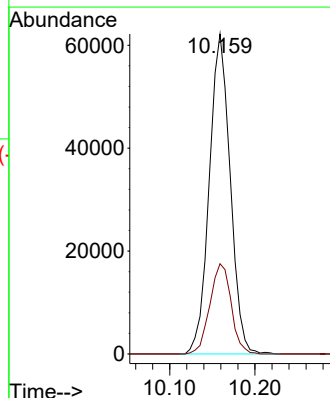
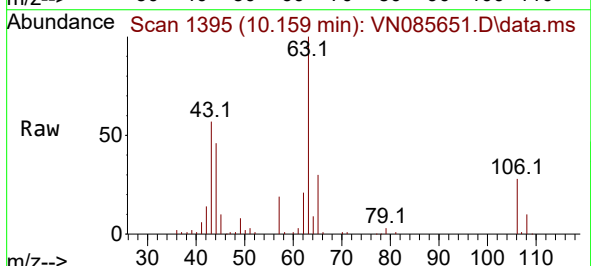
Acq: 04 Feb 2025 14:51

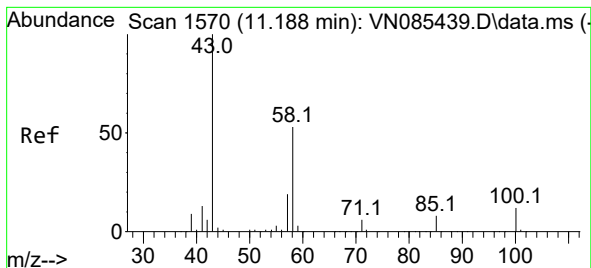
Tgt Ion: 63 Resp: 106039

Ion Ratio Lower Upper

63 100

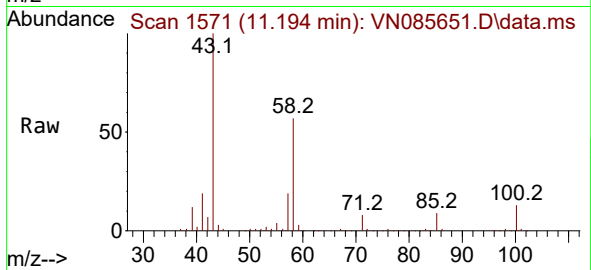
106 28.7 21.6 32.4





#59
2-Hexanone
Concen: 101.031 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.006 min
Lab File: VN085651.D
Acq: 04 Feb 2025 14:51

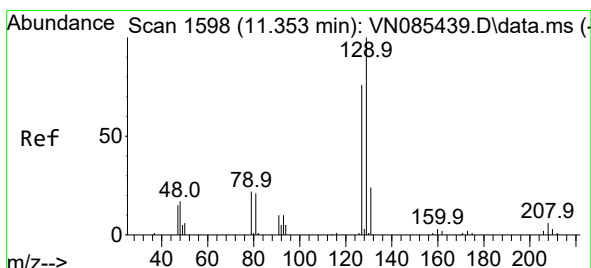
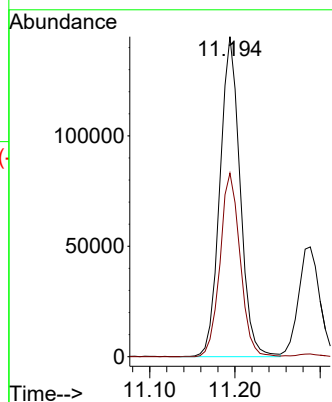
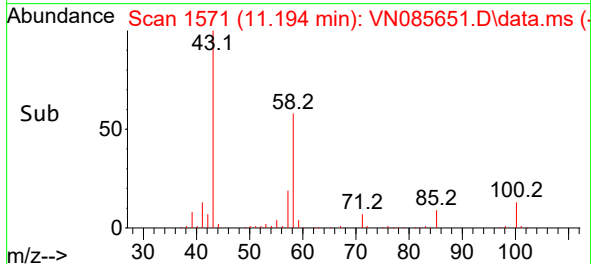
Instrument :
MSVOA_N
ClientSampleId :
VN0204WBS02



Tgt Ion: 43 Resp: 23861
Ion Ratio Lower Upper
43 100
58 57.1 26.2 78.6

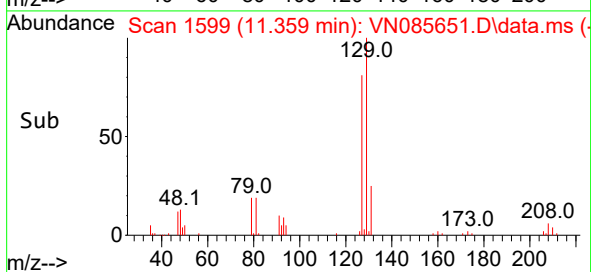
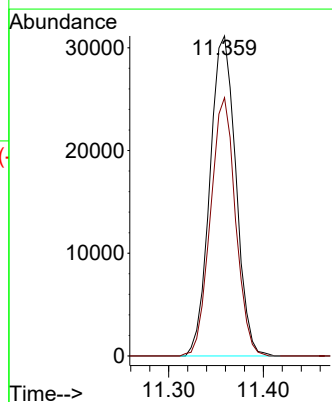
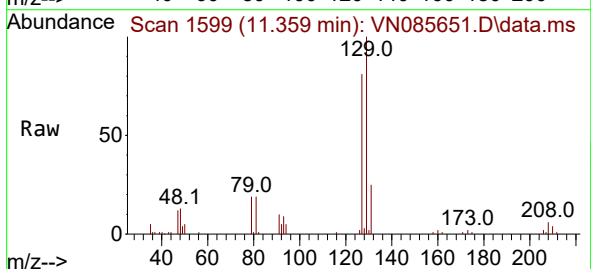
Manual Integrations
APPROVED

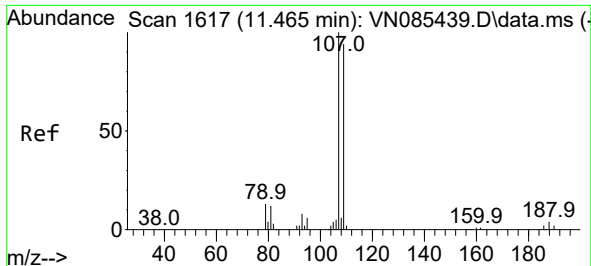
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#60
Dibromochloromethane
Concen: 19.918 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VN085651.D
Acq: 04 Feb 2025 14:51

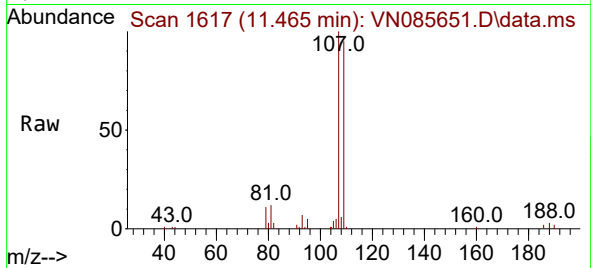
Tgt Ion:129 Resp: 59256
Ion Ratio Lower Upper
129 100
127 77.8 38.6 115.8





#61
1,2-Dibromoethane
Concen: 20.701 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN085651.D
Acq: 04 Feb 2025 14:51

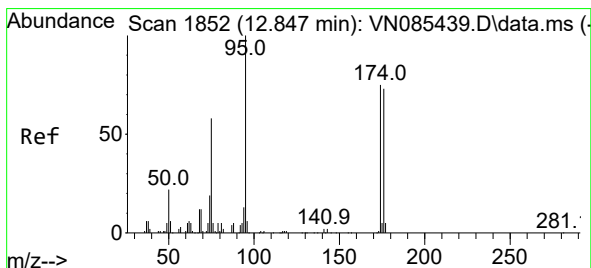
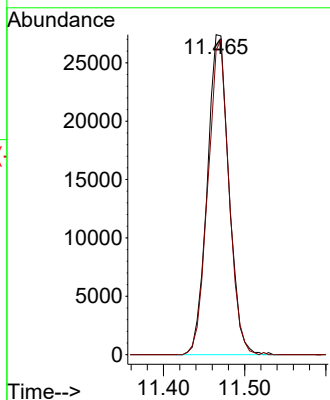
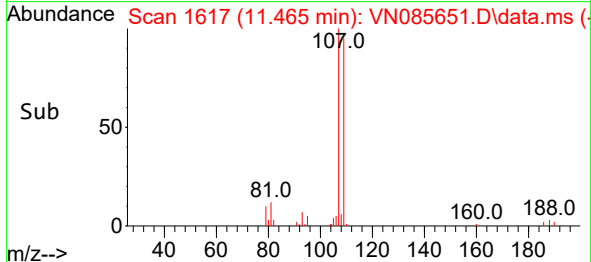
Instrument :
MSVOA_N
ClientSampleId :
VN0204WBS02



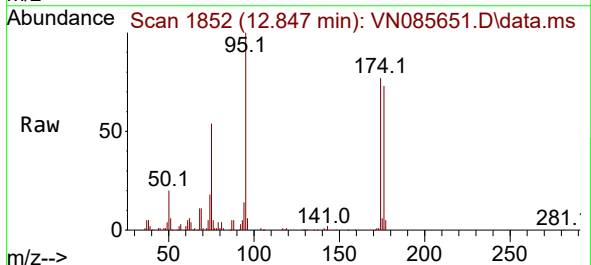
Tgt Ion:107 Resp: 50770
Ion Ratio Lower Upper
107 100
109 95.4 75.9 113.9

Manual Integrations
APPROVED

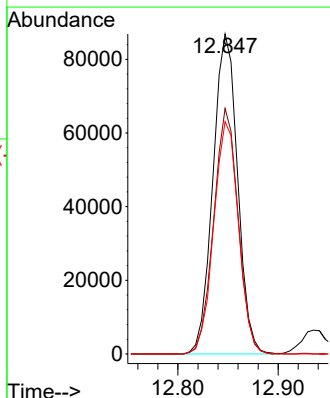
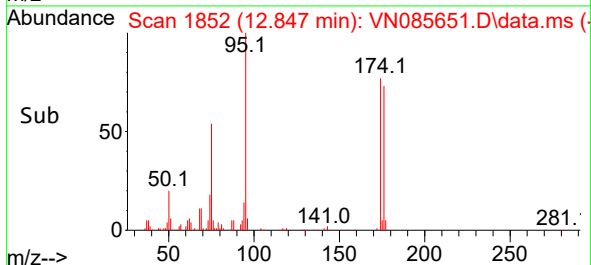
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025

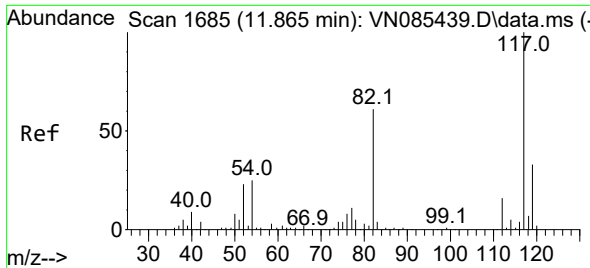


#62
4-Bromofluorobenzene
Concen: 47.844 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085651.D
Acq: 04 Feb 2025 14:51



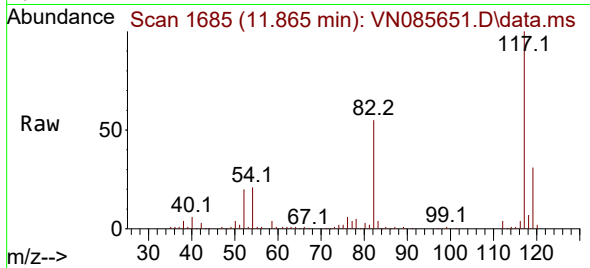
Tgt Ion: 95 Resp: 148181
Ion Ratio Lower Upper
95 100
174 76.0 0.0 145.0
176 72.9 0.0 142.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN085651.D
Acq: 04 Feb 2025 14:51

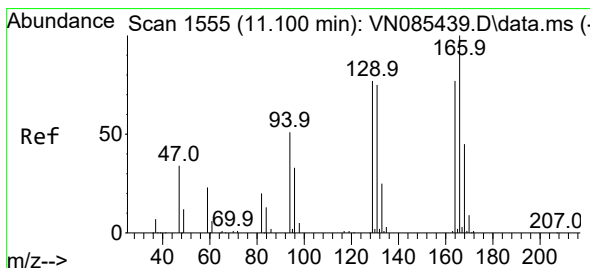
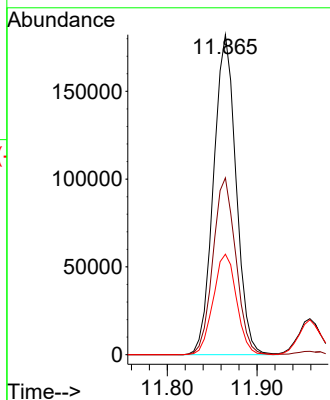
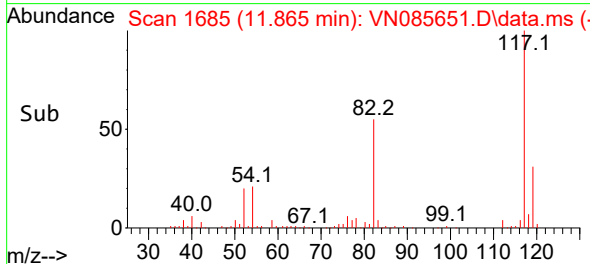
Instrument :
MSVOA_N
ClientSampleId :
VN0204WBS02



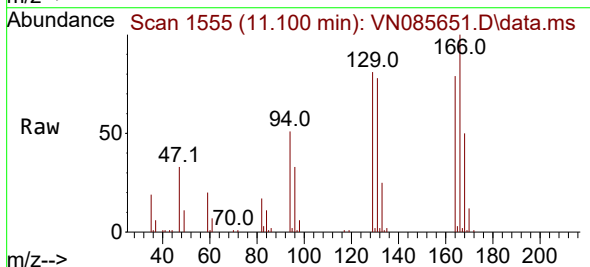
Tgt Ion:117 Resp: 317764
Ion Ratio Lower Upper
117 100
82 55.3 48.6 72.8
119 31.4 26.6 39.8

Manual Integrations
APPROVED

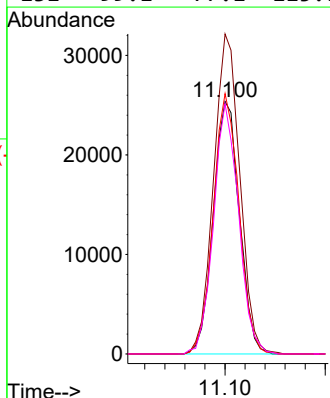
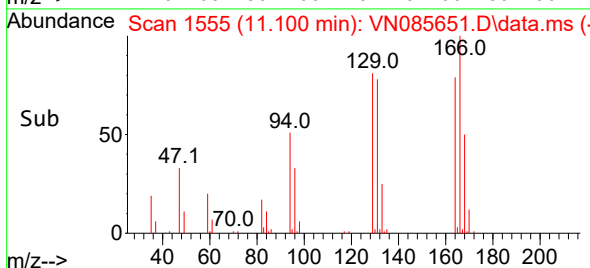
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025

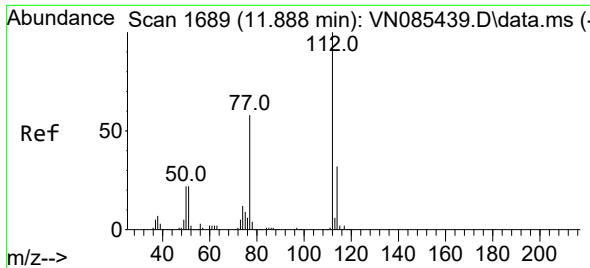


#64
Tetrachloroethene
Concen: 21.187 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN085651.D
Acq: 04 Feb 2025 14:51



Tgt Ion:164 Resp: 45898
Ion Ratio Lower Upper
164 100
166 126.8 103.4 155.2
129 103.2 79.2 118.8
131 99.1 77.1 115.7





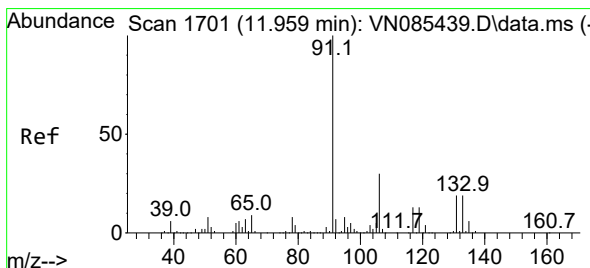
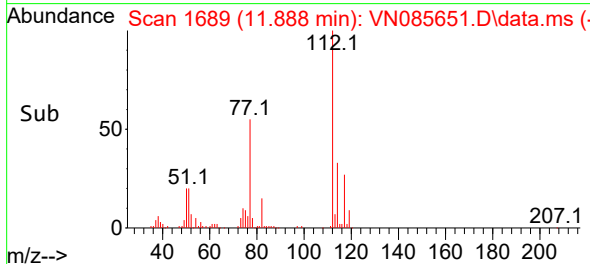
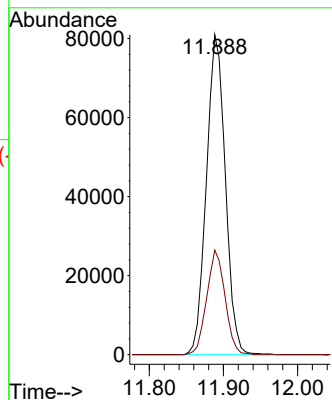
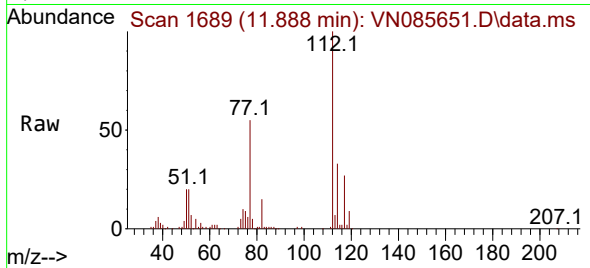
#65
Chlorobenzene
Concen: 20.663 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN085651.D
Acq: 04 Feb 2025 14:51

Instrument :
MSVOA_N
ClientSampleId :
VN0204WBS02

Tgt Ion:112 Resp: 143836
Ion Ratio Lower Upper
112 100
114 32.6 25.3 37.9

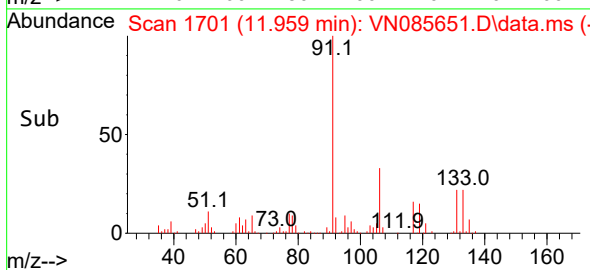
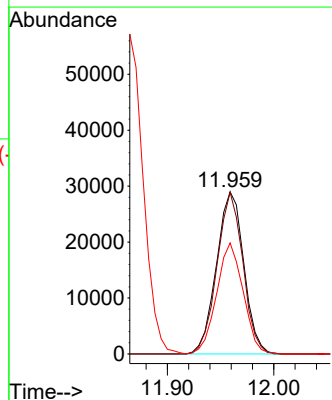
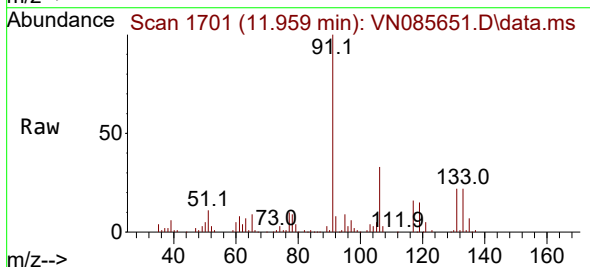
Manual Integrations
APPROVED

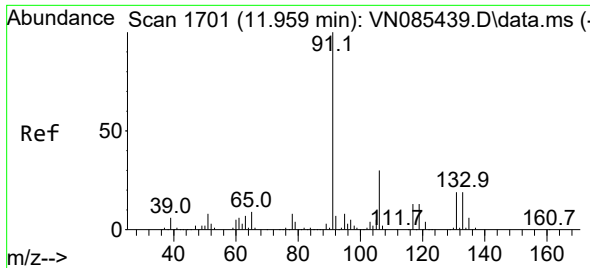
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 20.242 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN085651.D
Acq: 04 Feb 2025 14:51

Tgt Ion:131 Resp: 51716
Ion Ratio Lower Upper
131 100
133 94.2 47.4 142.3
119 66.3 33.1 99.5





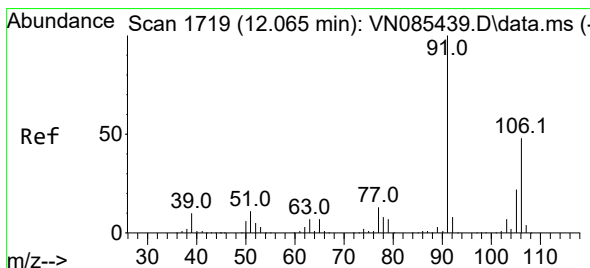
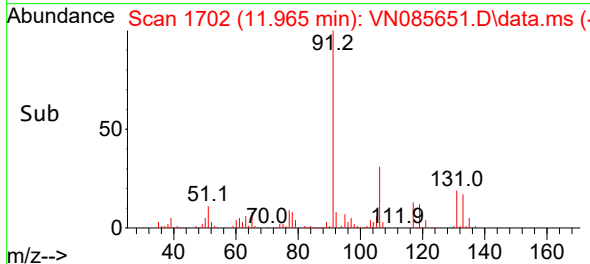
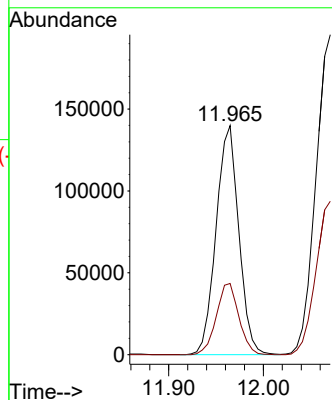
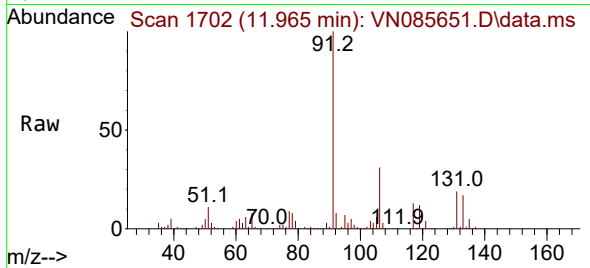
#67
Ethyl Benzene
Concen: 20.561 ug/l
RT: 11.965 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VN085651.D
Acq: 04 Feb 2025 14:51

Instrument :
MSVOA_N
ClientSampleId :
VN0204WBS02

Tgt Ion: 91 Resp: 233110
Ion Ratio Lower Upper
91 100
106 31.1 23.8 35.8

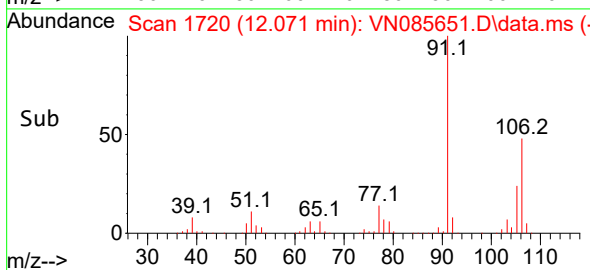
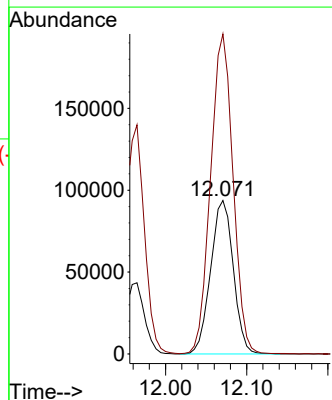
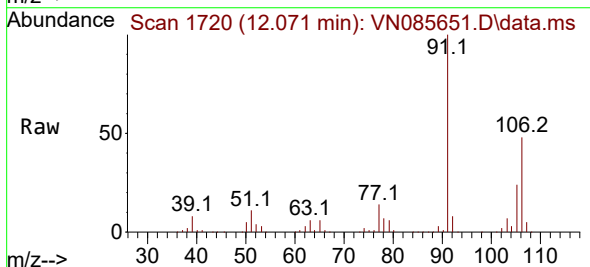
Manual Integrations
APPROVED

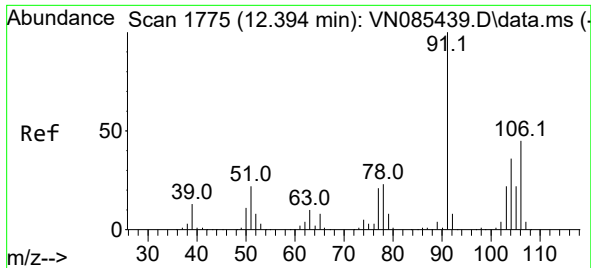
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#68
m/p-Xylenes
Concen: 43.412 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN085651.D
Acq: 04 Feb 2025 14:51

Tgt Ion:106 Resp: 181911
Ion Ratio Lower Upper
106 100
91 206.7 167.7 251.5





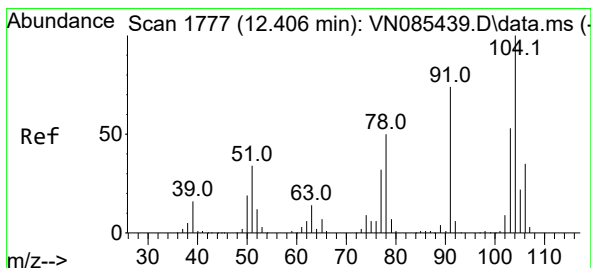
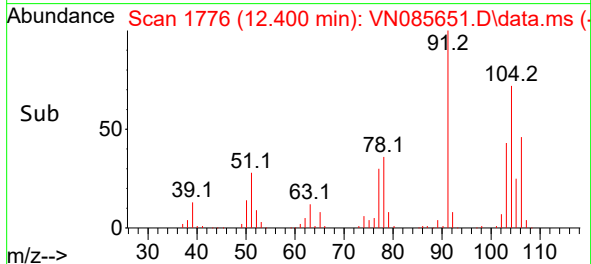
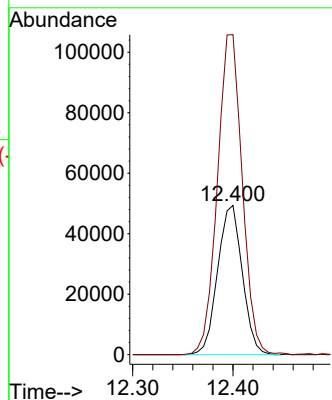
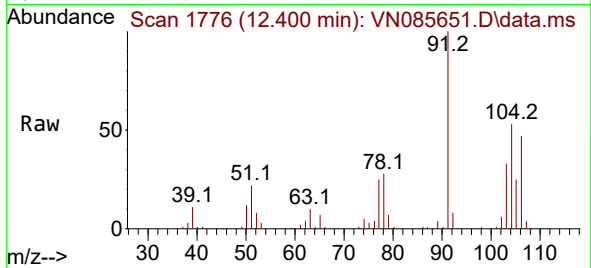
#69
o-Xylene
Concen: 21.067 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN085651.D
Acq: 04 Feb 2025 14:51

Instrument :
MSVOA_N
ClientSampleId :
VN0204WBS02

Tgt Ion:106 Resp: 8436
Ion Ratio Lower Upper
106 100
91 216.2 110.4 331.2

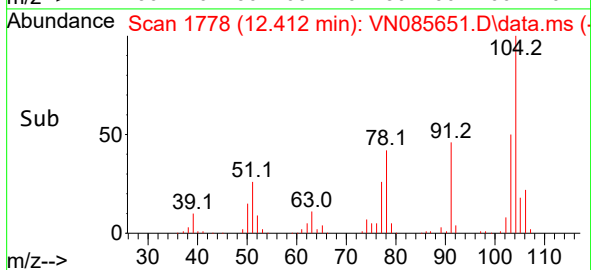
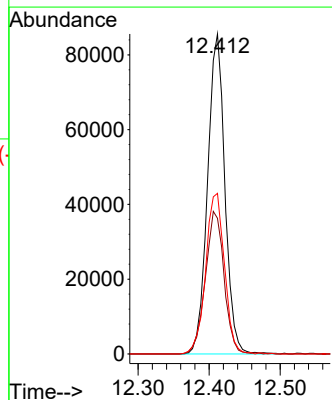
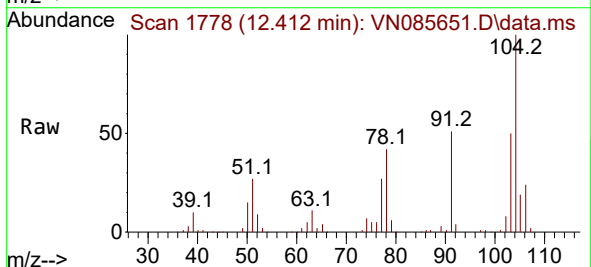
Manual Integrations
APPROVED

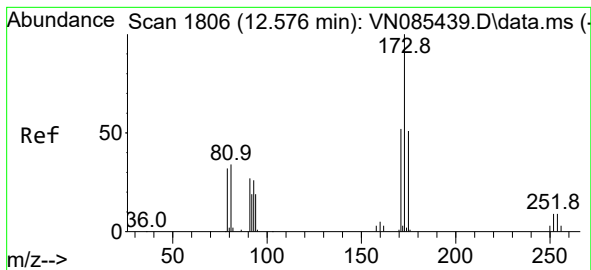
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#70
Styrene
Concen: 21.885 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN085651.D
Acq: 04 Feb 2025 14:51

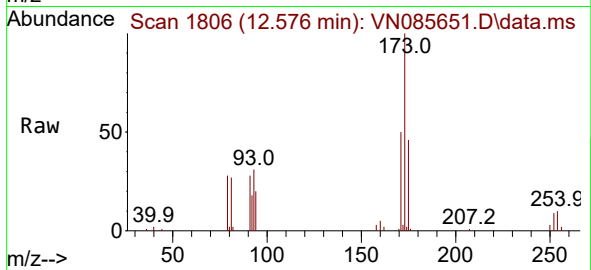
Tgt Ion:104 Resp: 145039
Ion Ratio Lower Upper
104 100
78 48.2 42.5 63.7
103 54.7 43.8 65.8





#71
Bromoform
Concen: 21.179 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN085651.D
Acq: 04 Feb 2025 14:51

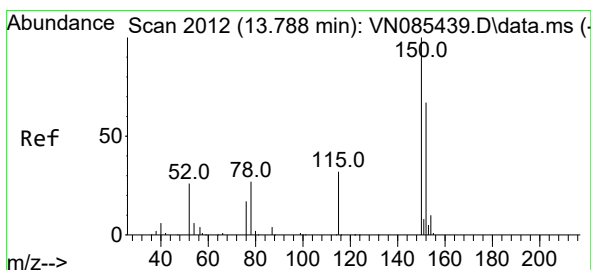
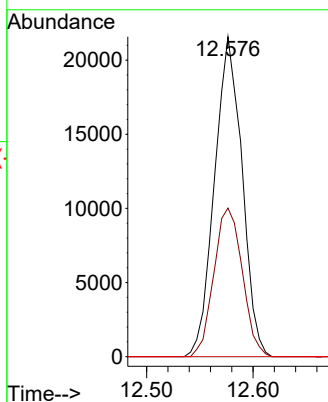
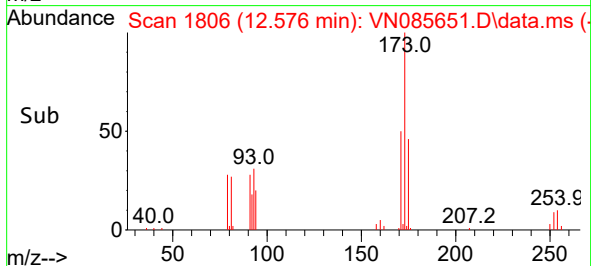
Instrument :
MSVOA_N
ClientSampleId :
VN0204WBS02



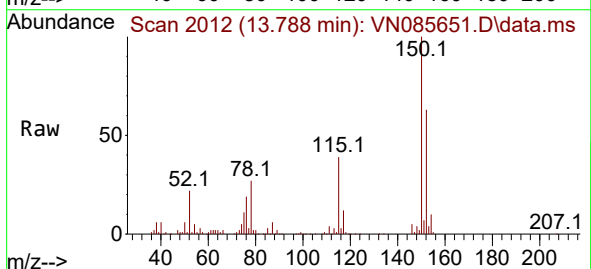
Tgt Ion:173 Resp: 3871
Ion Ratio Lower Upper
173 100
175 48.0 24.4 73.2
254 0.0 0.0 0.0

Manual Integrations
APPROVED

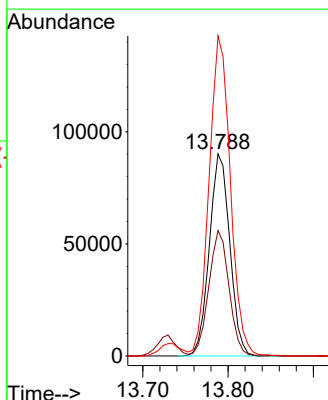
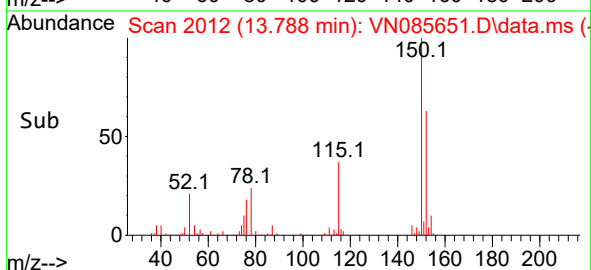
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025

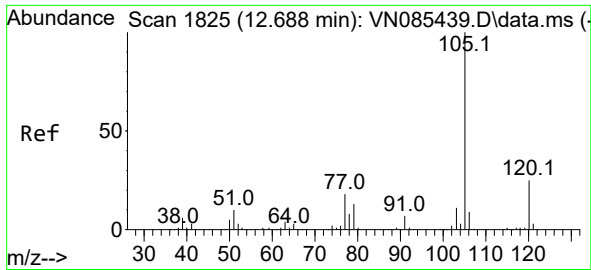


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN085651.D
Acq: 04 Feb 2025 14:51



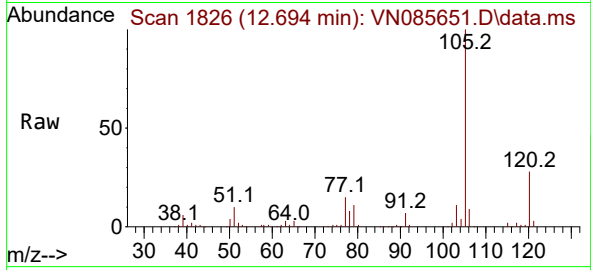
Tgt Ion:152 Resp: 150317
Ion Ratio Lower Upper
152 100
115 61.4 31.1 93.3
150 164.9 0.0 343.6





#73
Isopropylbenzene
Concen: 20.793 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN085651.D
Acq: 04 Feb 2025 14:51

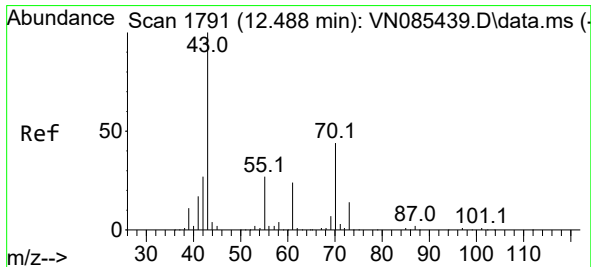
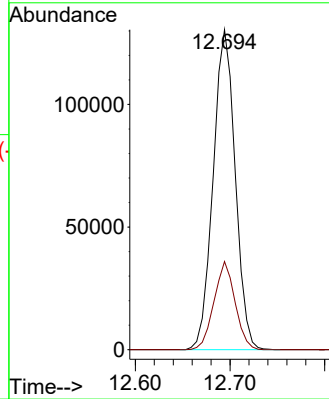
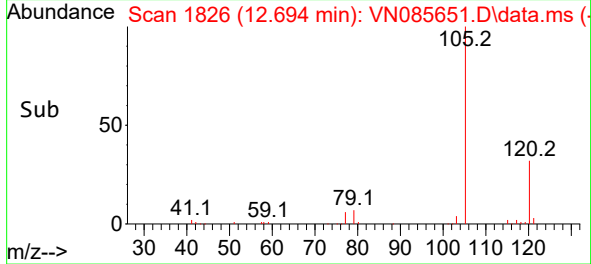
Instrument :
MSVOA_N
ClientSampleId :
VN0204WBS02



Tgt Ion:105 Resp: 210944
Ion Ratio Lower Upper
105 100
120 26.3 12.8 38.3

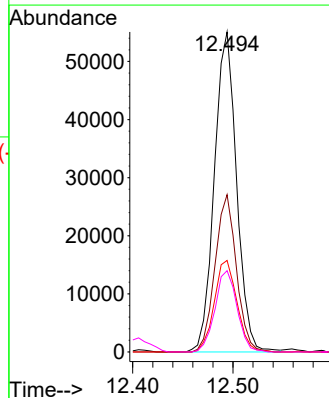
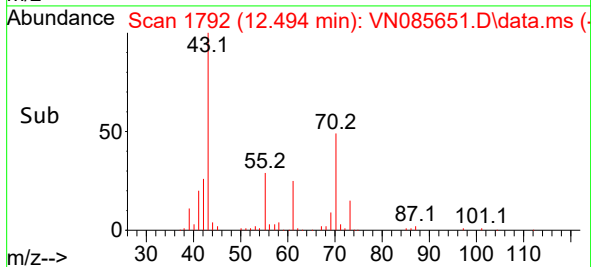
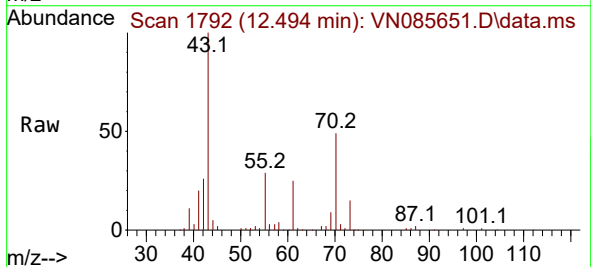
Manual Integrations
APPROVED

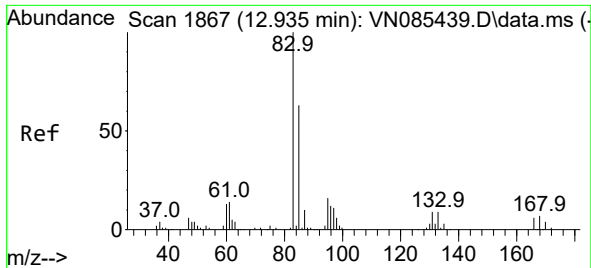
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#74
N-ethyl acetate
Concen: 18.598 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VN085651.D
Acq: 04 Feb 2025 14:51

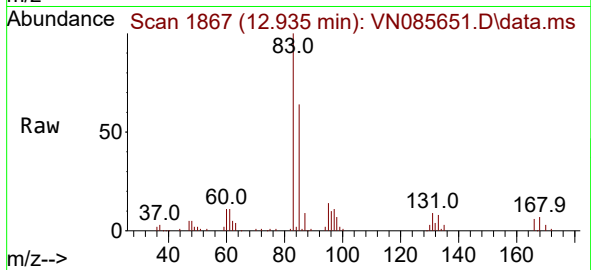
Tgt Ion: 43 Resp: 84808
Ion Ratio Lower Upper
43 100
70 47.3 34.0 51.0
55 29.2 21.4 32.2
61 25.3 19.0 28.4





#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.962 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. 0.000 min
 Lab File: VN085651.D
 Acq: 04 Feb 2025 14:51

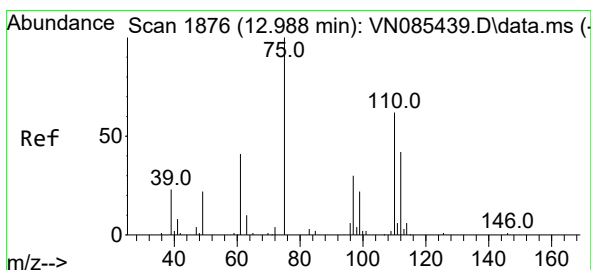
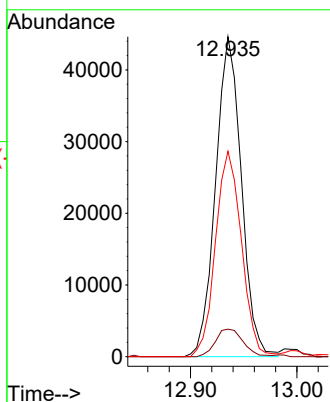
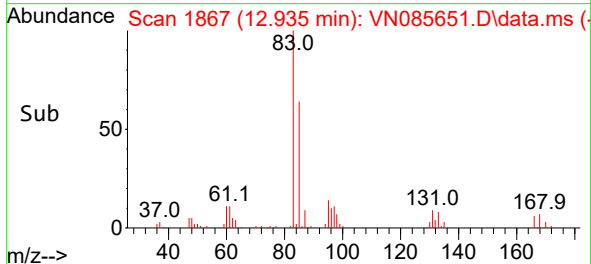
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0204WBS02



Tgt Ion: 83 Resp: 75120
 Ion Ratio Lower Upper
 83 100
 131 9.5 4.8 14.4
 85 64.6 32.2 96.6

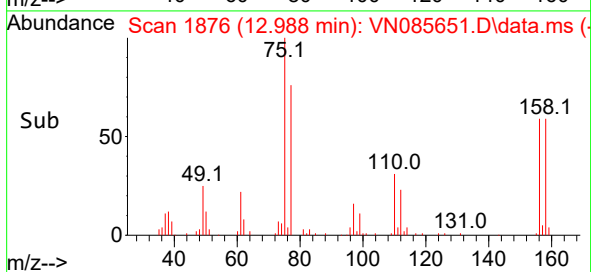
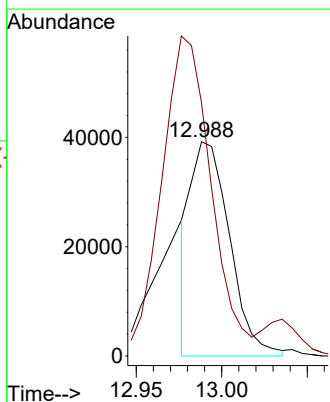
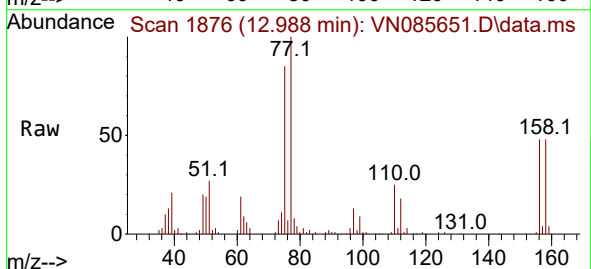
Manual Integrations
 APPROVED

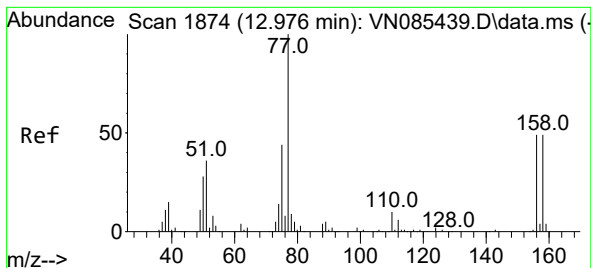
Reviewed By :John Carlone 02/05/2025
 Supervised By :Mahesh Dadoda 02/06/2025



#76
 1,2,3-Trichloropropane
 Concen: 20.410 ug/l m
 RT: 12.988 min Scan# 1876
 Delta R.T. 0.000 min
 Lab File: VN085651.D
 Acq: 04 Feb 2025 14:51

Tgt Ion: 75 Resp: 62358
 Ion Ratio Lower Upper
 75 100
 77 189.0 109.7 329.2





#77

Bromobenzene

Concen: 20.501 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. 0.000 min

Lab File: VN085651.D

Acq: 04 Feb 2025 14:51

Instrument :

MSVOA_N

ClientSampleId :

VN0204WBS02

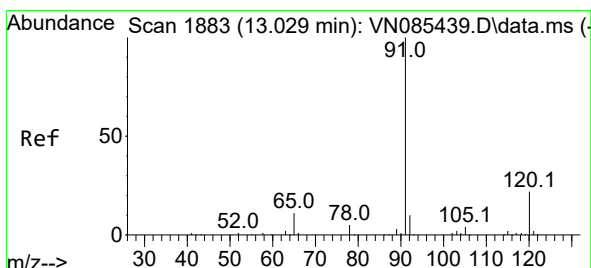
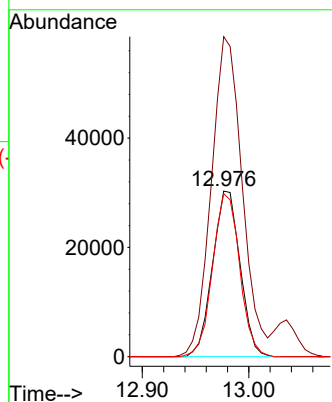
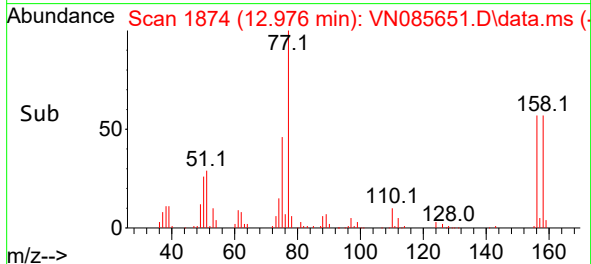
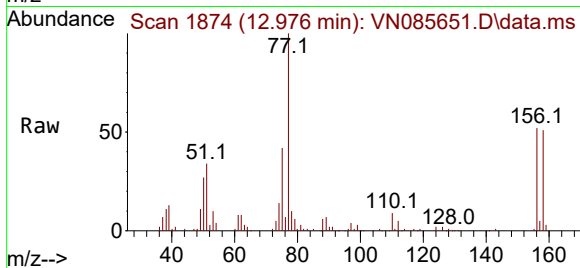
Tgt Ion:156 Resp: 54340
 Ion Ratio Lower Upper
 156 100
 77 216.9 114.1 342.4
 158 96.9 48.9 146.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/05/2025

Supervised By :Mahesh Dadoda 02/06/2025



#78

n-propylbenzene

Concen: 20.891 ug/l

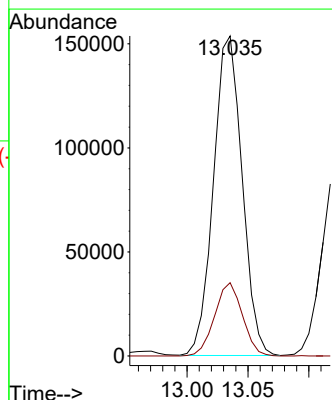
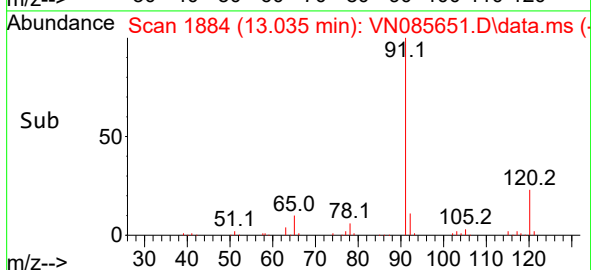
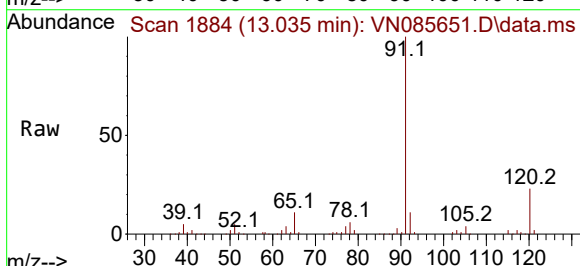
RT: 13.035 min Scan# 1884

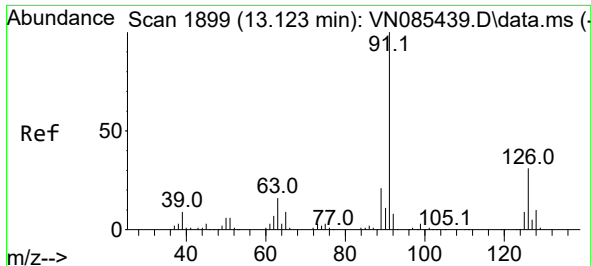
Delta R.T. 0.006 min

Lab File: VN085651.D

Acq: 04 Feb 2025 14:51

Tgt Ion: 91 Resp: 250899
 Ion Ratio Lower Upper
 91 100
 120 22.2 10.9 32.6





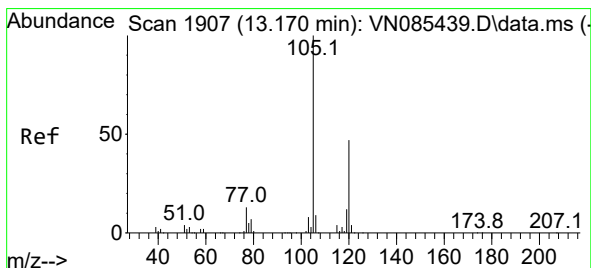
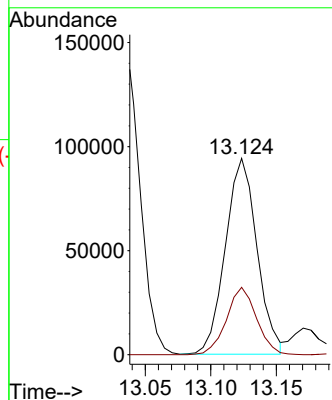
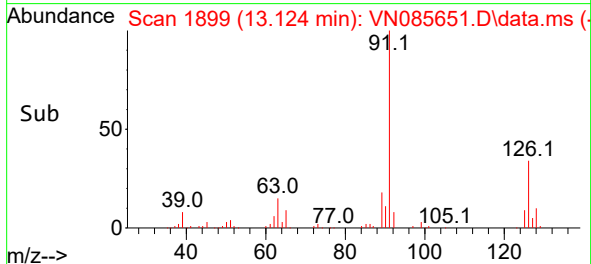
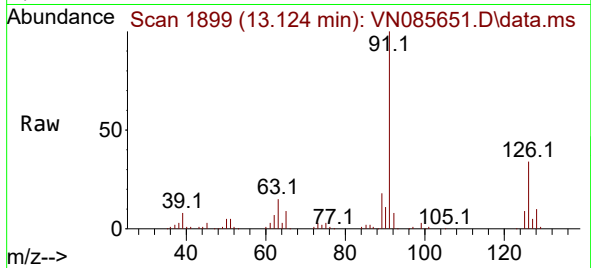
#79
2-Chlorotoluene
Concen: 20.353 ug/l
RT: 13.124 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN085651.D
Acq: 04 Feb 2025 14:51

Instrument :
MSVOA_N
ClientSampleId :
VN0204WBS02

Tgt Ion: 91 Resp: 158204
Ion Ratio Lower Upper
91 100
126 32.7 15.7 47.1

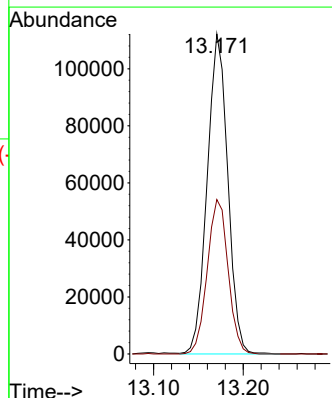
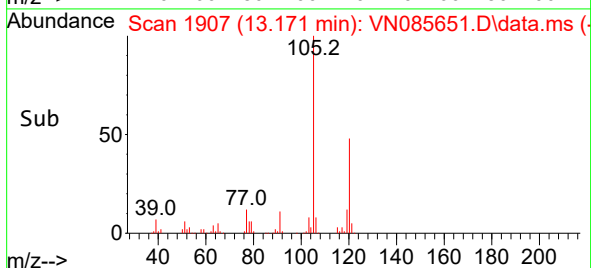
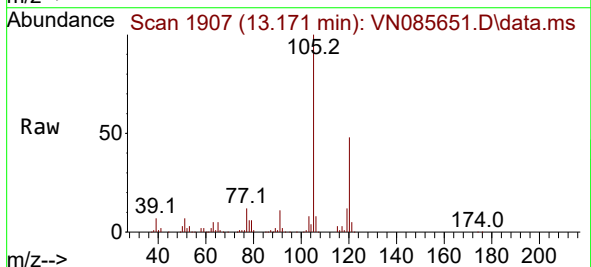
Manual Integrations
APPROVED

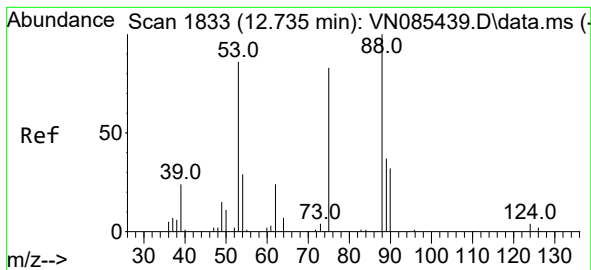
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#80
1,3,5-Trimethylbenzene
Concen: 21.323 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN085651.D
Acq: 04 Feb 2025 14:51

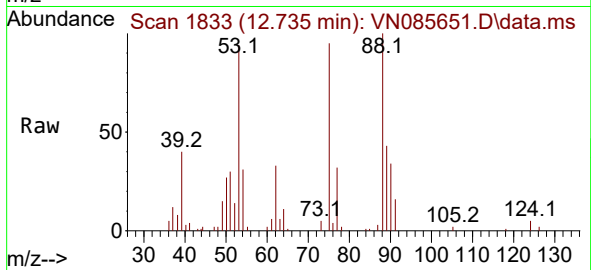
Tgt Ion:105 Resp: 178682
Ion Ratio Lower Upper
105 100
120 48.8 23.9 71.7





#81
trans-1,4-Dichloro-2-butene
Concen: 21.810 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN085651.D
Acq: 04 Feb 2025 14:51

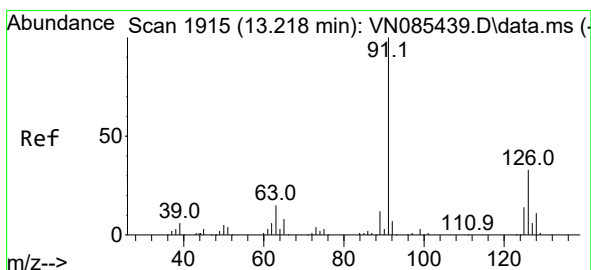
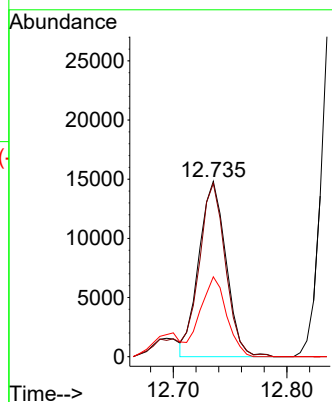
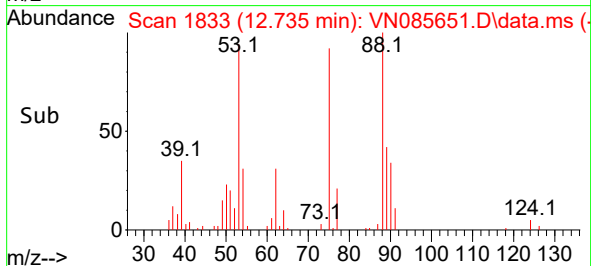
Instrument :
MSVOA_N
ClientSampleId :
VN0204WBS02



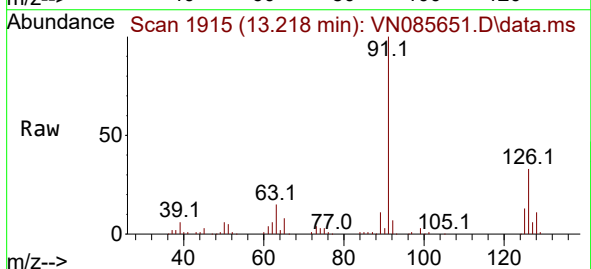
Tgt Ion: 75 Resp: 24629
Ion Ratio Lower Upper
75 100
53 105.9 95.6 143.4
89 43.5 37.0 55.6

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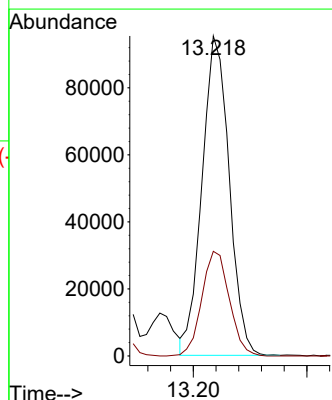
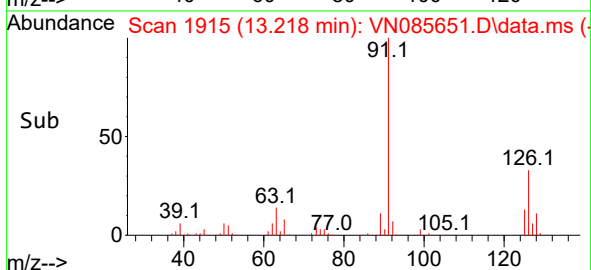
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025

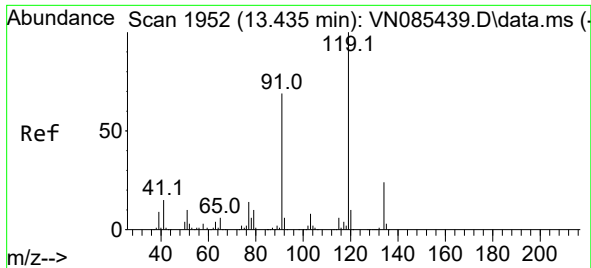


#82
4-Chlorotoluene
Concen: 20.405 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN085651.D
Acq: 04 Feb 2025 14:51



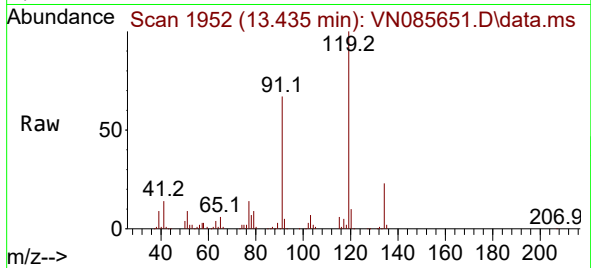
Tgt Ion: 91 Resp: 157925
Ion Ratio Lower Upper
91 100
126 33.2 15.9 47.7





#83
tert-Butylbenzene
Concen: 19.923 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN085651.D
Acq: 04 Feb 2025 14:51

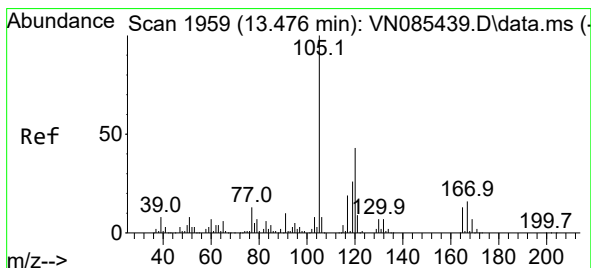
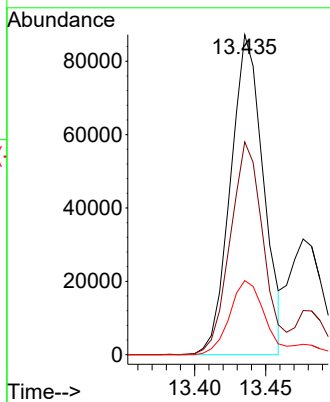
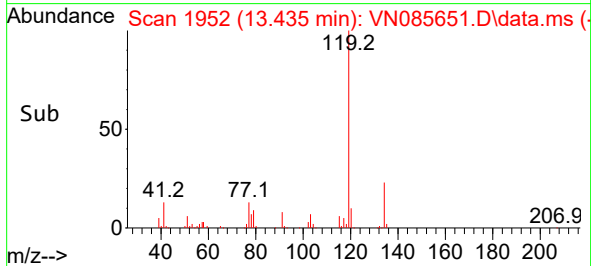
Instrument :
MSVOA_N
ClientSampleId :
VN0204WBS02



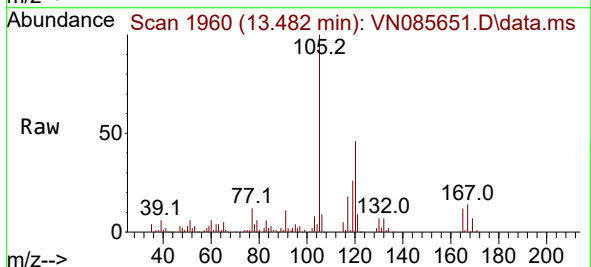
Tgt Ion:119 Resp: 140205
Ion Ratio Lower Upper
119 100
91 67.3 35.1 105.3
134 24.3 12.0 36.1

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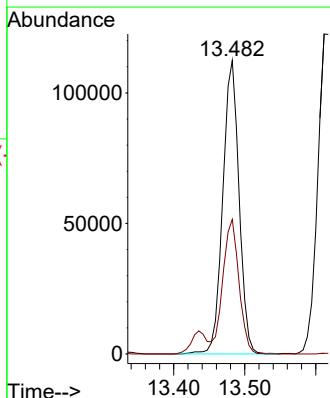
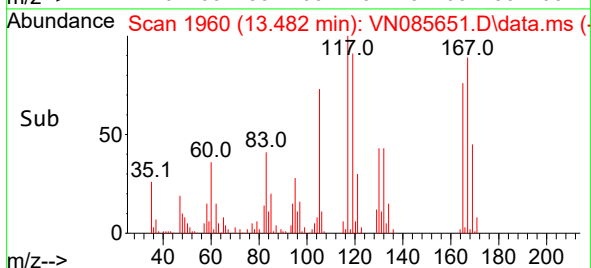
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025

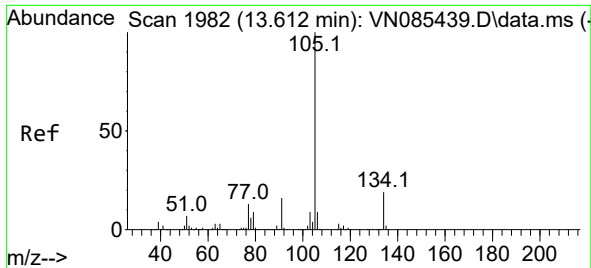


#84
1,2,4-Trimethylbenzene
Concen: 21.370 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN085651.D
Acq: 04 Feb 2025 14:51



Tgt Ion:105 Resp: 178481
Ion Ratio Lower Upper
105 100
120 45.3 21.6 65.0





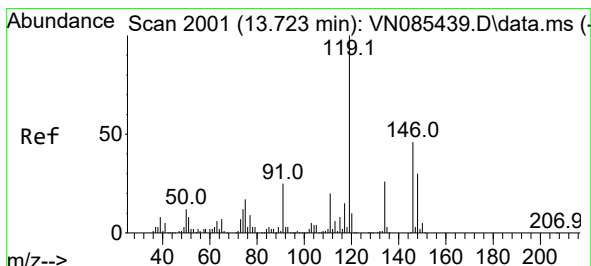
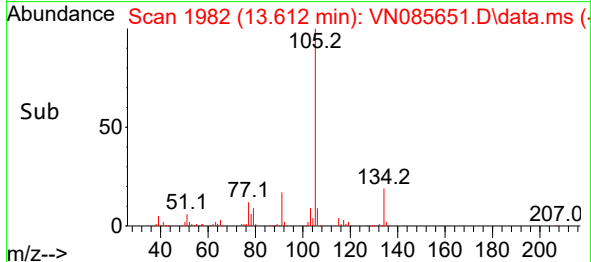
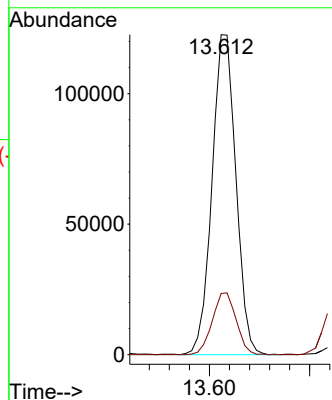
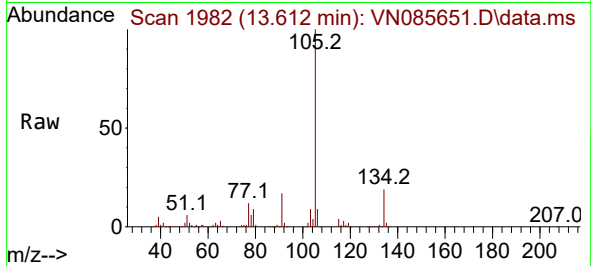
#85
 sec-Butylbenzene
 Concen: 20.804 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN085651.D
 Acq: 04 Feb 2025 14:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0204WBS02

Tgt Ion:105 Resp: 202905
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.7 28.9

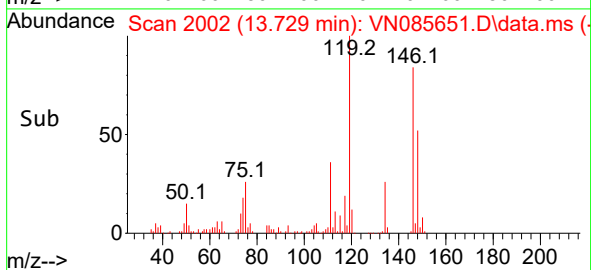
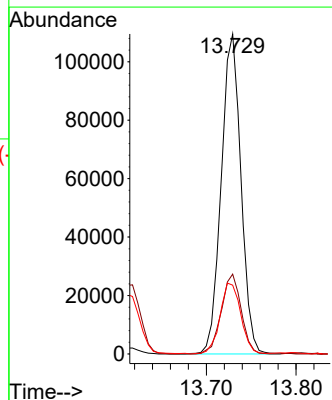
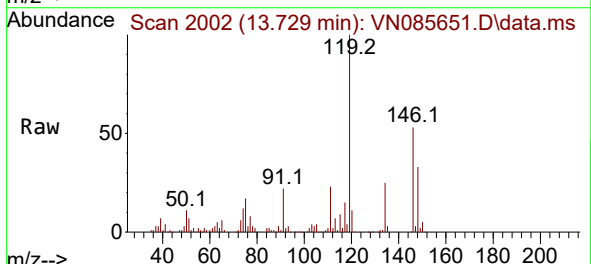
Manual Integrations
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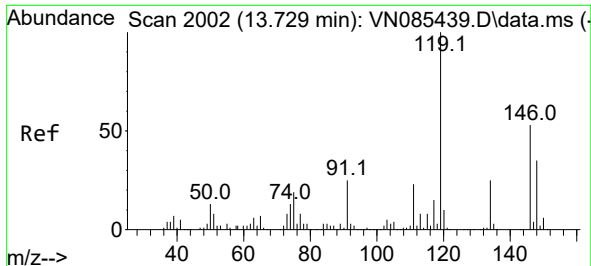
Reviewed By :John Carlone 02/05/2025
 Supervised By :Mahesh Dadoda 02/06/2025



#86
 p-Isopropyltoluene
 Concen: 20.523 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.006 min
 Lab File: VN085651.D
 Acq: 04 Feb 2025 14:51

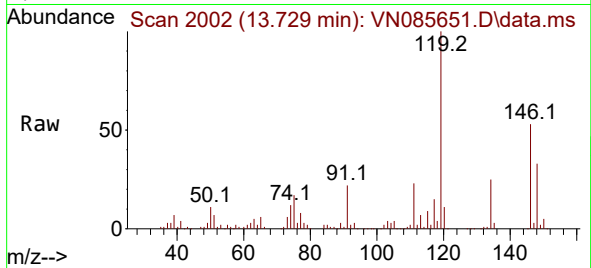
Tgt Ion:119 Resp: 167070
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.7 38.0
 91 23.4 12.7 38.1





#87
 1,3-Dichlorobenzene
 Concen: 19.896 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN085651.D
 Acq: 04 Feb 2025 14:51

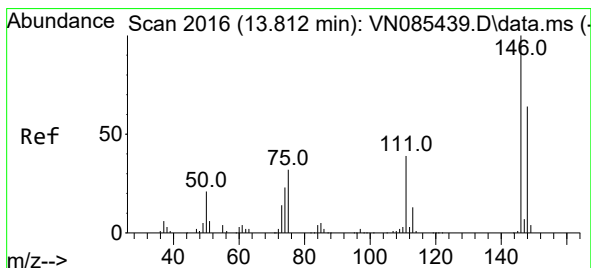
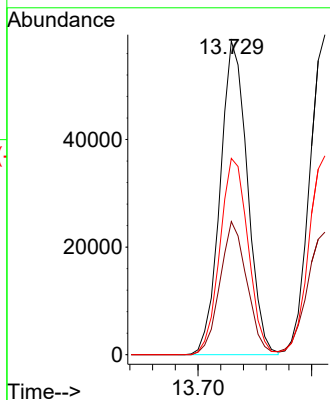
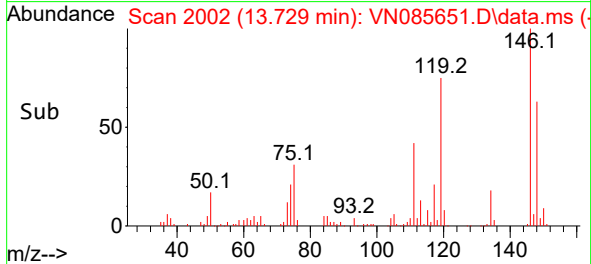
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0204WBS02



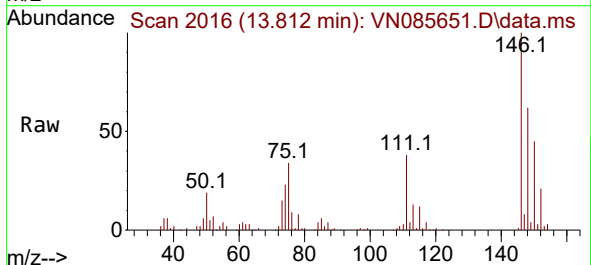
Tgt Ion:146 Resp: 97119
 Ion Ratio Lower Upper
 146 100
 111 42.1 21.4 64.3
 148 64.8 32.3 96.9

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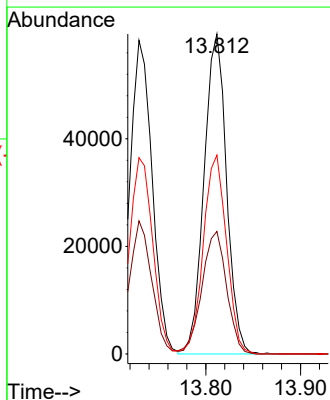
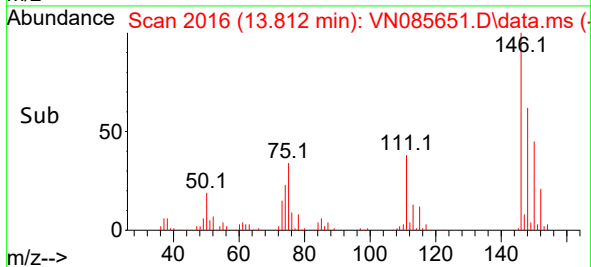
Reviewed By :John Carlone 02/05/2025
 Supervised By :Mahesh Dadoda 02/06/2025

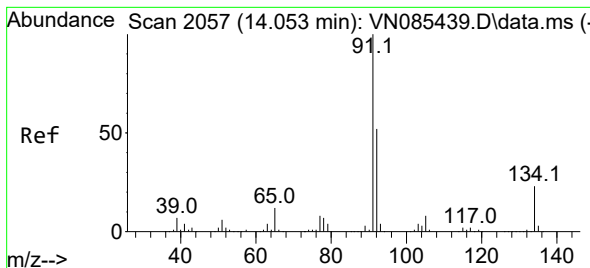


#88
 1,4-Dichlorobenzene
 Concen: 19.382 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. 0.000 min
 Lab File: VN085651.D
 Acq: 04 Feb 2025 14:51



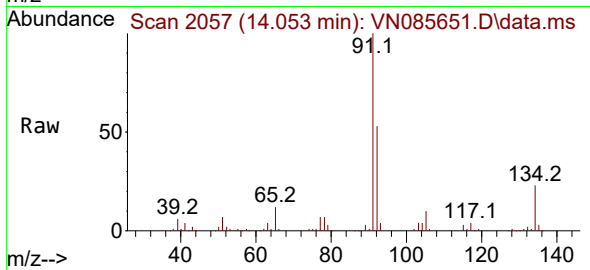
Tgt Ion:146 Resp: 98065
 Ion Ratio Lower Upper
 146 100
 111 42.0 21.3 63.7
 148 64.1 32.4 97.0





#89
n-Butylbenzene
Concen: 18.585 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN085651.D
Acq: 04 Feb 2025 14:51

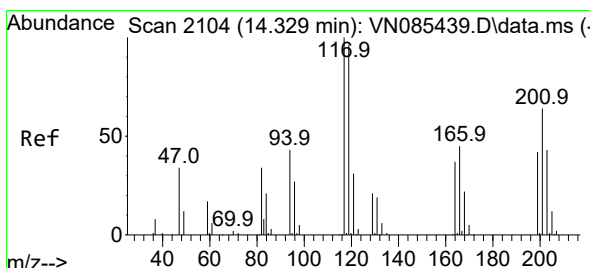
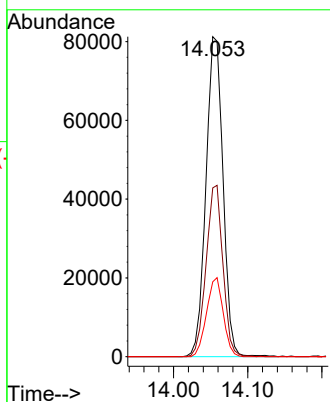
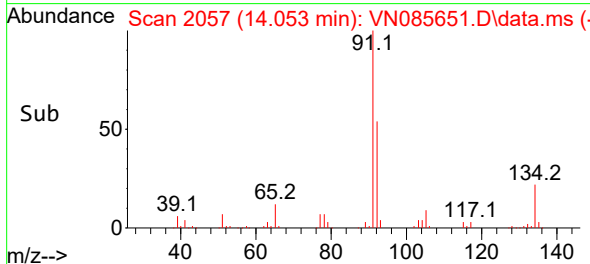
Instrument :
MSVOA_N
ClientSampleId :
VN0204WBS02



Tgt Ion: 91 Resp: 13004
Ion Ratio Lower Upper
91 100
92 52.6 25.8 77.3
134 24.1 11.7 35.1

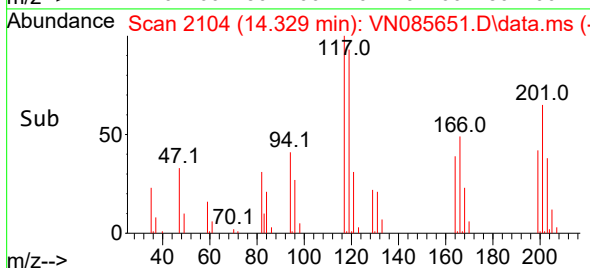
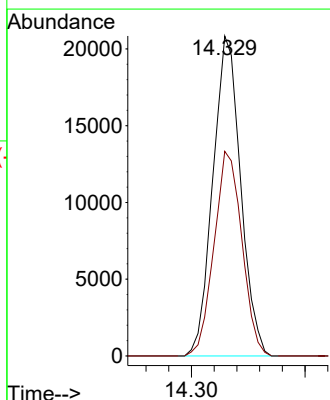
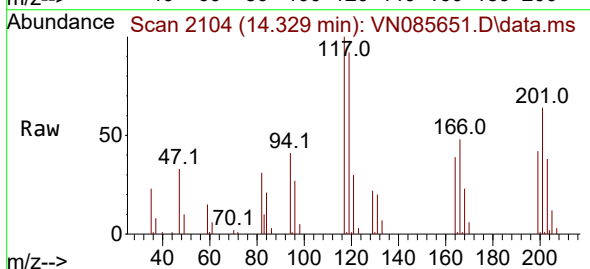
Manual Integrations
APPROVED

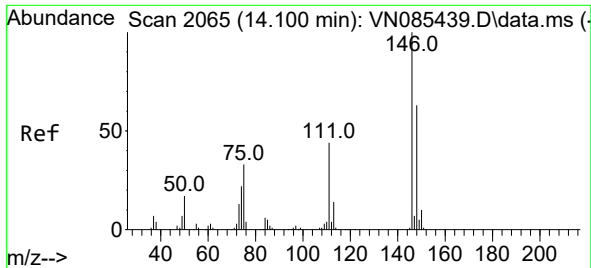
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#90
Hexachloroethane
Concen: 19.041 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN085651.D
Acq: 04 Feb 2025 14:51

Tgt Ion:117 Resp: 35354
Ion Ratio Lower Upper
117 100
201 64.2 33.7 101.0





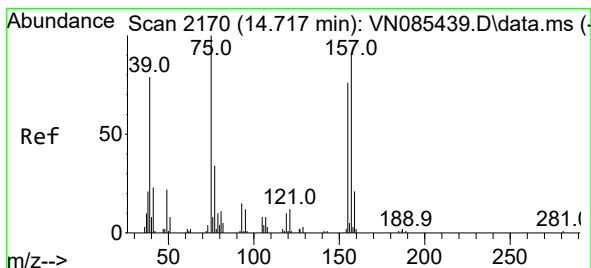
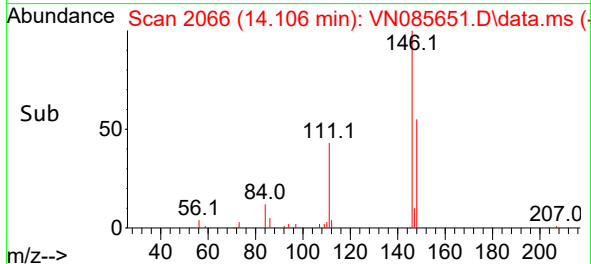
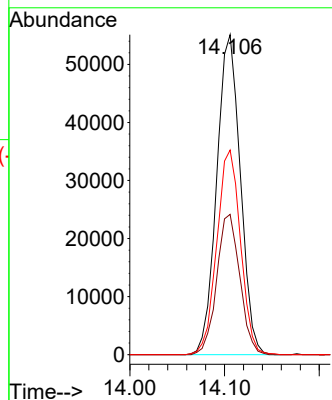
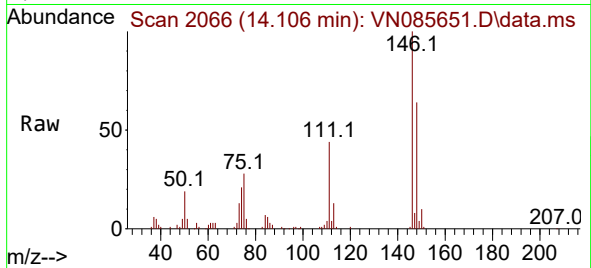
#91
1,2-Dichlorobenzene
Concen: 19.617 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VN085651.D
Acq: 04 Feb 2025 14:51

Instrument :
MSVOA_N
ClientSampleId :
VN0204WBS02

Tgt Ion:146 Resp: 9551
Ion Ratio Lower Upper
146 100
111 42.8 21.7 65.1
148 64.1 31.4 94.2

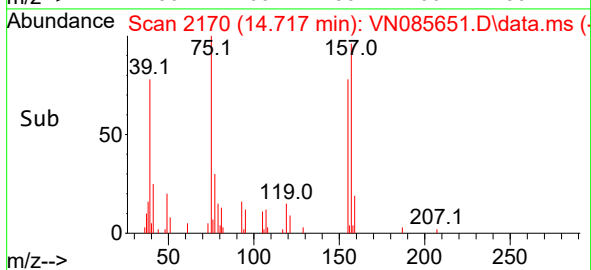
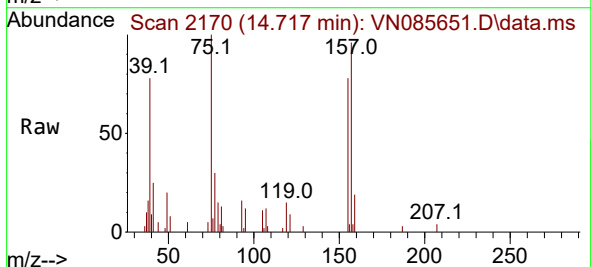
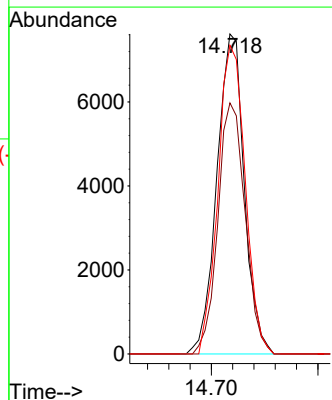
Manual Integrations
APPROVED

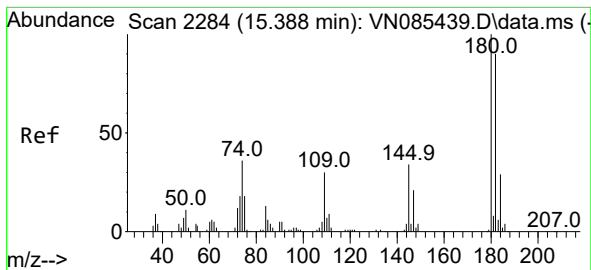
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.732 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN085651.D
Acq: 04 Feb 2025 14:51

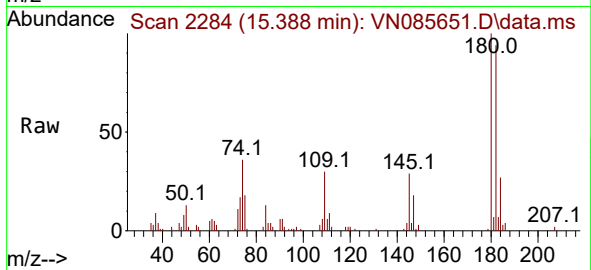
Tgt Ion: 75 Resp: 13567
Ion Ratio Lower Upper
75 100
155 78.3 36.4 109.2
157 95.9 45.4 136.1





#93
1,2,4-Trichlorobenzene
Concen: 17.519 ug/l
RT: 15.388 min Scan# 2284
Delta R.T. 0.000 min
Lab File: VN085651.D
Acq: 04 Feb 2025 14:51

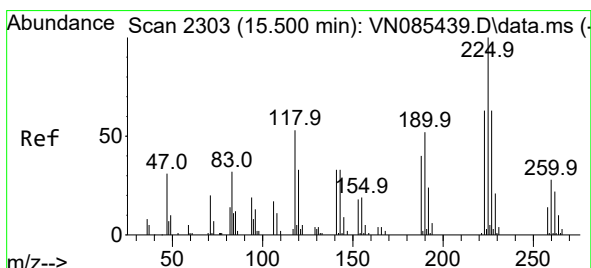
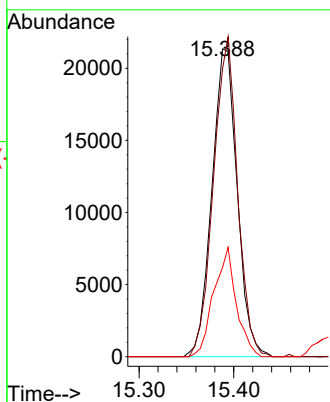
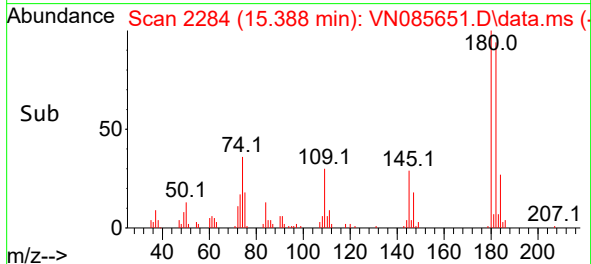
Instrument :
MSVOA_N
ClientSampleId :
VN0204WBS02



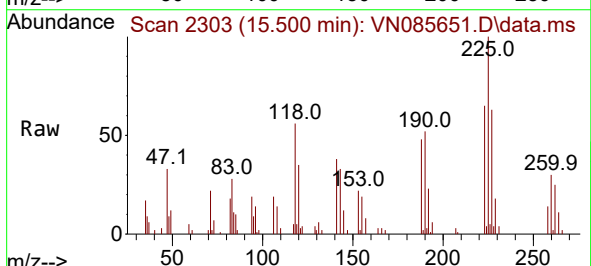
Tgt Ion:180 Resp: 3964
Ion Ratio Lower Upper
180 100
182 98.7 46.8 140.3
145 31.6 16.0 48.0

Manual Integrations
APPROVED

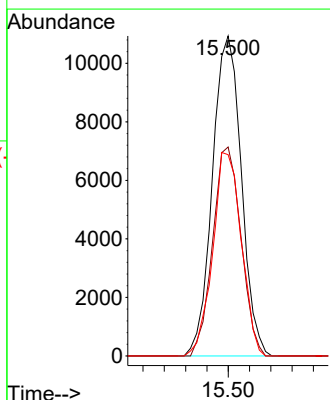
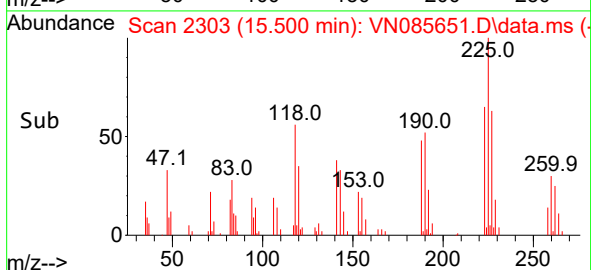
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025

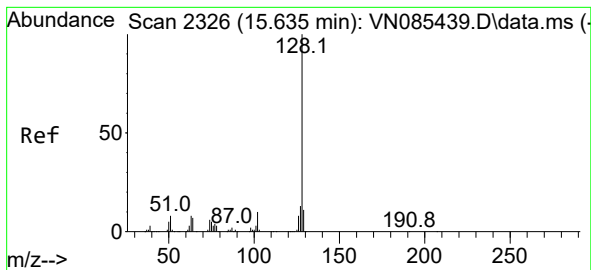


#94
Hexachlorobutadiene
Concen: 17.154 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN085651.D
Acq: 04 Feb 2025 14:51



Tgt Ion:225 Resp: 20609
Ion Ratio Lower Upper
225 100
223 63.9 30.7 92.1
227 62.6 30.9 92.5





#95

Naphthalene

Concen: 18.276 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.006 min

Lab File: VN085651.D

Acq: 04 Feb 2025 14:51

Instrument :

MSVOA_N

ClientSampleId :

VN0204WBS02

Tgt Ion:128 Resp: 12341

Ion Ratio Lower Upper

128 100

127 13.8 10.6 16.0

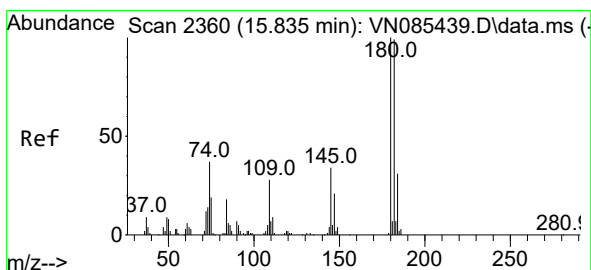
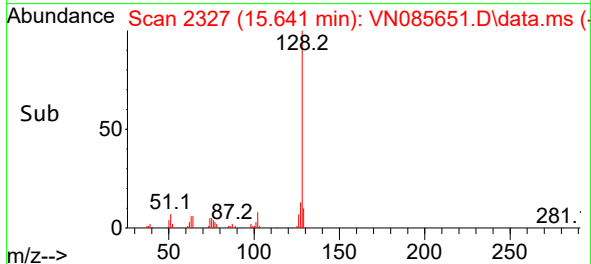
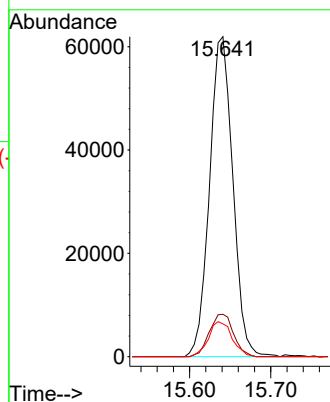
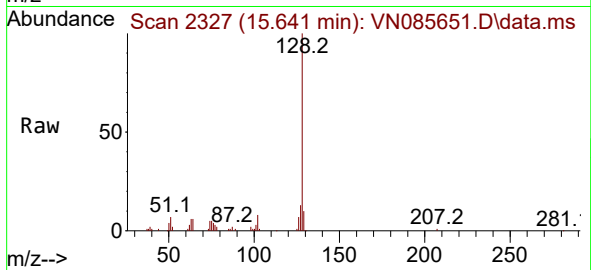
129 11.1 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/05/2025

Supervised By :Mahesh Dadoda 02/06/2025



#96

1,2,3-Trichlorobenzene

Concen: 17.977 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.006 min

Lab File: VN085651.D

Acq: 04 Feb 2025 14:51

Tgt Ion:180 Resp: 41163

Ion Ratio Lower Upper

180 100

182 95.5 47.4 142.2

145 34.3 16.9 50.7

