

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020325\
 Data File : VN085619.D
 Acq On : 03 Feb 2025 13:58
 Operator : JC\MD
 Sample : VN0203WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0203WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/04/2025
 Supervised By : Mahesh Dadoda 02/04/2025

Quant Time: Feb 04 00:57:55 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)

Internal Standards						
1) Pentafluorobenzene	8.224	168	188870	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	327054	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	287245	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	141185	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	145603	47.758	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.520%		
35) Dibromofluoromethane	8.165	113	118527	52.239	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	104.480%		
50) Toluene-d8	10.565	98	440013	54.582	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	109.160%		
62) 4-Bromofluorobenzene	12.847	95	140993	51.128	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	102.260%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	38687	15.128	ug/l	97
3) Chloromethane	2.359	50	39178	14.150	ug/l	99
4) Vinyl Chloride	2.512	62	50107	18.004	ug/l	98
5) Bromomethane	2.959	94	32854	19.544	ug/l	100
6) Chloroethane	3.124	64	34668	19.648	ug/l	92
7) Trichlorofluoromethane	3.495	101	71688	17.753	ug/l	95
8) Diethyl Ether	3.959	74	22305	15.989	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.377	101	41316	18.165	ug/l	98
10) Methyl Iodide	4.589	142	44373	17.036	ug/l	97
11) Tert butyl alcohol	5.518	59	34586	99.071	ug/l	100
12) 1,1-Dichloroethene	4.347	96	35011	17.272	ug/l	91
13) Acrolein	4.183	56	24346	51.087	ug/l	99
14) Allyl chloride	5.018	41	46069	14.006	ug/l	95
15) Acrylonitrile	5.712	53	105201	94.873	ug/l	99
16) Acetone	4.424	43	84320	85.597	ug/l	93
17) Carbon Disulfide	4.718	76	83320	13.350	ug/l	98
18) Methyl Acetate	5.030	43	57710	19.266	ug/l	95
19) Methyl tert-butyl Ether	5.794	73	120113	18.249	ug/l	97
20) Methylene Chloride	5.277	84	45987	18.858	ug/l	91
21) trans-1,2-Dichloroethene	5.789	96	37886	17.489	ug/l	93
22) Diisopropyl ether	6.665	45	121562	16.651	ug/l	98
23) Vinyl Acetate	6.600	43	406095	79.484	ug/l #	93
24) 1,1-Dichloroethane	6.571	63	79173	17.785	ug/l	97
25) 2-Butanone	7.483	43	128446	88.606	ug/l	96
26) 2,2-Dichloropropane	7.488	77	68597	19.060	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	47714	18.700	ug/l	93
28) Bromochloromethane	7.812	49	37432	18.074	ug/l	87
29) Tetrahydrofuran	7.835	42	82755	90.042	ug/l	90
30) Chloroform	7.965	83	87616	19.043	ug/l	96
31) Cyclohexane	8.253	56	54962	14.205	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	72591	17.987	ug/l	97
36) 1,1-Dichloropropene	8.371	75	52640	16.530	ug/l	97
37) Ethyl Acetate	7.553	43	52153	16.226	ug/l #	97
38) Carbon Tetrachloride	8.359	117	63941	17.539	ug/l	97
39) Methylcyclohexane	9.594	83	47017	15.712	ug/l	99
40) Benzene	8.600	78	178066	18.610	ug/l	98

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 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	27186	16.257	ug/l	93
42) 1,2-Dichloroethane	8.665	62	62118	17.238	ug/l	97
43) Isopropyl Acetate	8.688	43	90788	17.628	ug/l	98
44) Trichloroethene	9.347	130	40975	18.397	ug/l	95
45) 1,2-Dichloropropane	9.618	63	44363	18.152	ug/l	97
46) Dibromomethane	9.706	93	32561	18.464	ug/l	99
47) Bromodichloromethane	9.882	83	68763	19.139	ug/l	97
48) Methyl methacrylate	9.677	41	36614	15.797	ug/l #	86
49) 1,4-Dioxane	9.694	88	16166	414.188	ug/l #	78
51) 4-Methyl-2-Pentanone	10.441	43	273103	91.380	ug/l	95
52) Toluene	10.629	92	109097	19.678	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	63985	18.846	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	67151	18.516	ug/l	92
55) 1,1,2-Trichloroethane	11.012	97	44783	20.411	ug/l	97
56) Ethyl methacrylate	10.871	69	57740	16.950	ug/l	94
57) 1,3-Dichloropropane	11.159	76	74082	19.419	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	104900	75.342	ug/l	97
59) 2-Hexanone	11.194	43	193608	92.067	ug/l	95
60) Dibromochloromethane	11.359	129	51263	19.353	ug/l	99
61) 1,2-Dibromoethane	11.465	107	42556	19.486	ug/l	99
64) Tetrachloroethene	11.100	164	37520	19.160	ug/l	98
65) Chlorobenzene	11.888	112	119593	19.005	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	44553	19.291	ug/l	99
67) Ethyl Benzene	11.959	91	191202	18.656	ug/l	100
68) m/p-Xylenes	12.070	106	150700	39.785	ug/l	96
69) o-Xylene	12.394	106	68756	18.994	ug/l	98
70) Styrene	12.406	104	118783	19.827	ug/l	97
71) Bromoform	12.576	173	33352	20.183	ug/l #	98
73) Isopropylbenzene	12.694	105	175479	18.416	ug/l	99
74) N-amyl acetate	12.494	43	67669	15.799	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.935	83	66278	19.691	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	57701m	20.108	ug/l	
77) Bromobenzene	12.976	156	45701	18.357	ug/l	96
78) n-propylbenzene	13.035	91	212161	18.808	ug/l	100
79) 2-Chlorotoluene	13.123	91	132501	18.149	ug/l	96
80) 1,3,5-Trimethylbenzene	13.170	105	151767	19.282	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	20631	19.452	ug/l	90
82) 4-Chlorotoluene	13.217	91	133497	18.365	ug/l	97
83) tert-Butylbenzene	13.435	119	121493	18.381	ug/l	97
84) 1,2,4-Trimethylbenzene	13.476	105	151424	19.303	ug/l	97
85) sec-Butylbenzene	13.612	105	174506	19.049	ug/l	99
86) p-Isopropyltoluene	13.723	119	139399	18.340	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	83480	18.208	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	85839	18.063	ug/l	99
89) n-Butylbenzene	14.053	91	114517	17.425	ug/l	98
90) Hexachloroethane	14.329	117	31928	18.308	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	84316	18.437	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	11783	19.170	ug/l	95
93) 1,2,4-Trichlorobenzene	15.388	180	34556	16.258	ug/l	99
94) Hexachlorobutadiene	15.500	225	18281	16.200	ug/l	97
95) Naphthalene	15.635	128	102342	16.136	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	34678	16.124	ug/l	97

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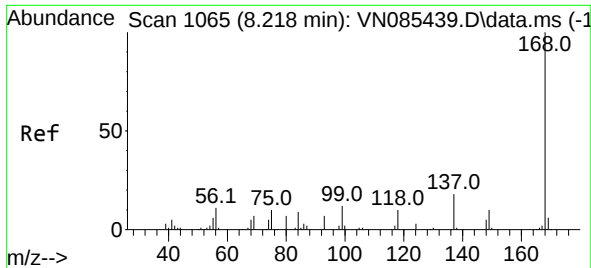
Manual Integrations
APPROVED

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Quant Time: Feb 04 00:57:55 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

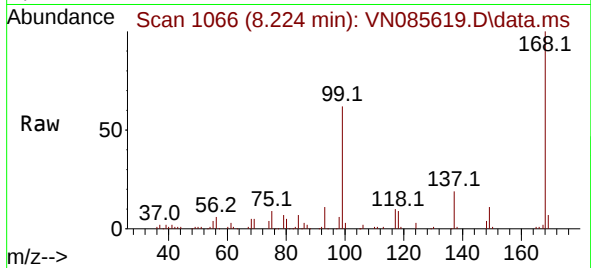
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085619.D
Acq: 03 Feb 2025 13:58

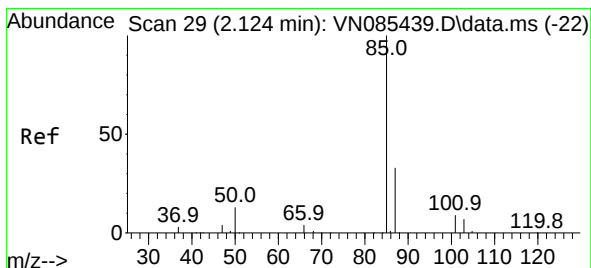
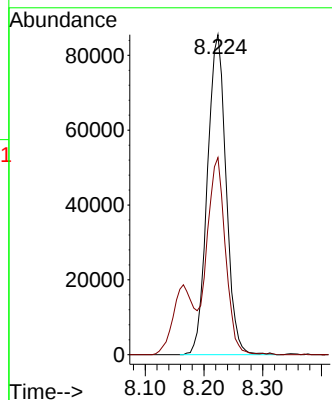
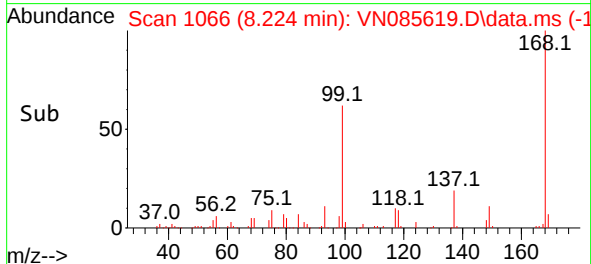
Instrument :
MSVOA_N
ClientSampleId :
VN0203WBS01



Tgt Ion:168 Resp: 188870
Ion Ratio Lower Upper
168 100
99 61.6 53.6 80.4

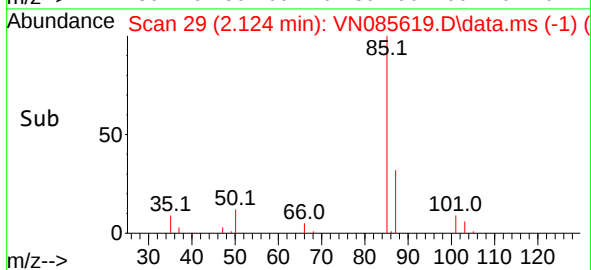
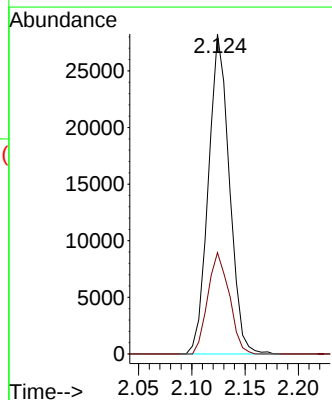
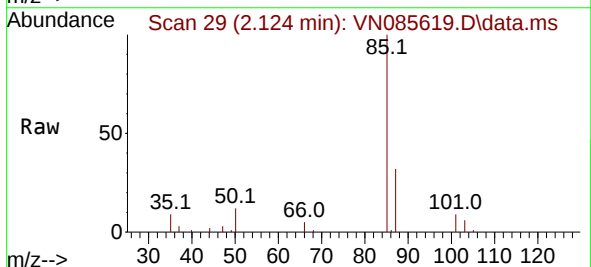
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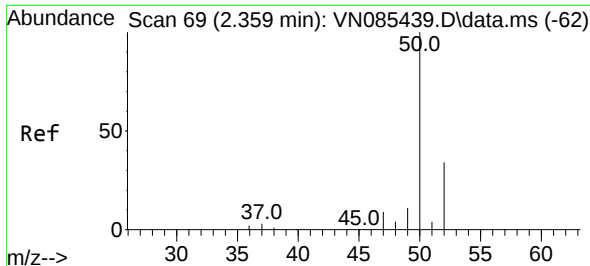
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#2
Dichlorodifluoromethane
Concen: 15.128 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN085619.D
Acq: 03 Feb 2025 13:58

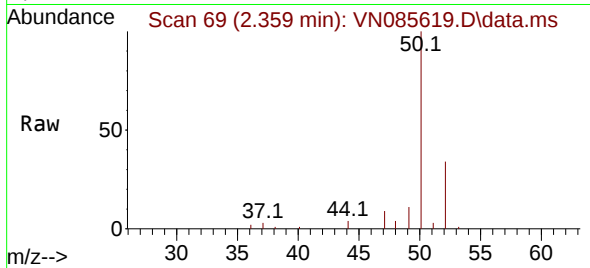
Tgt Ion: 85 Resp: 38687
Ion Ratio Lower Upper
85 100
87 31.6 16.7 50.1





#3
Chloromethane
Concen: 14.150 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085619.D
Acq: 03 Feb 2025 13:58

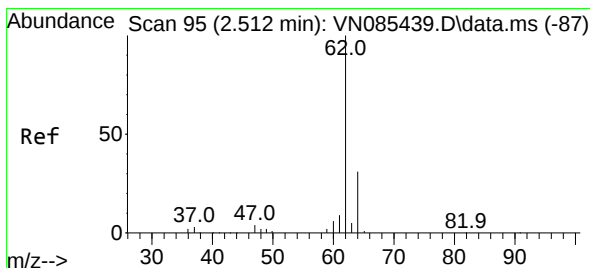
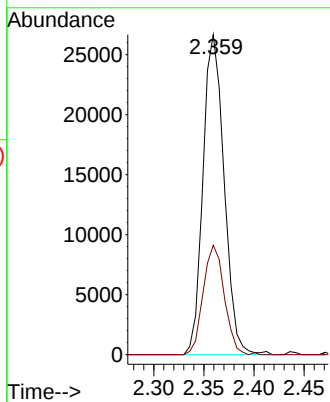
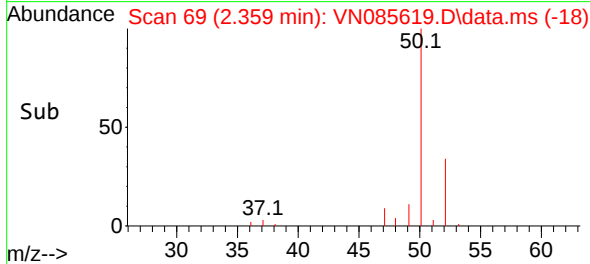
Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 39178
Ion Ratio Lower Upper
50 100
52 34.2 27.0 40.6

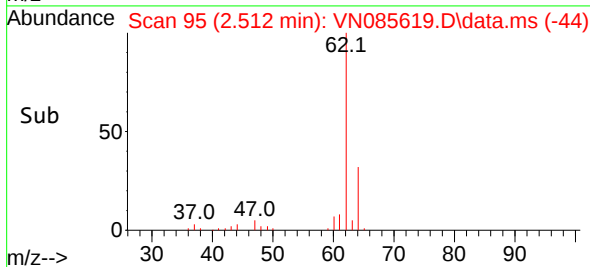
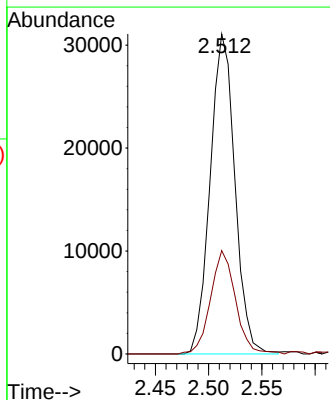
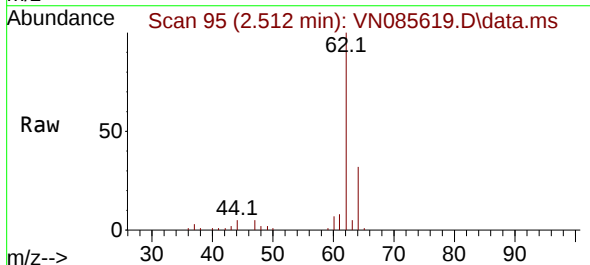
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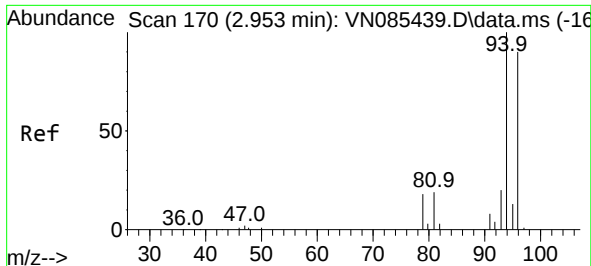
Reviewed By :John Carlone 02/04/2025
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#4
Vinyl Chloride
Concen: 18.004 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN085619.D
Acq: 03 Feb 2025 13:58

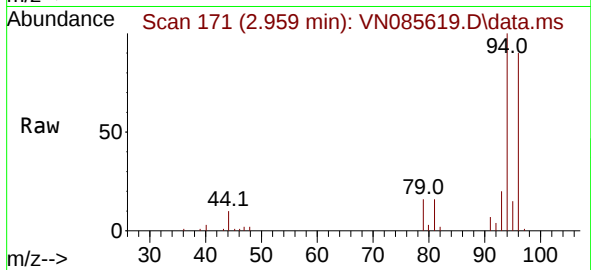
Tgt Ion: 62 Resp: 50107
Ion Ratio Lower Upper
62 100
64 32.3 24.8 37.2





#5
Bromomethane
Concen: 19.544 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085619.D
Acq: 03 Feb 2025 13:58

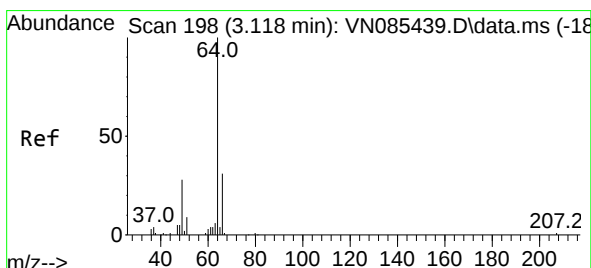
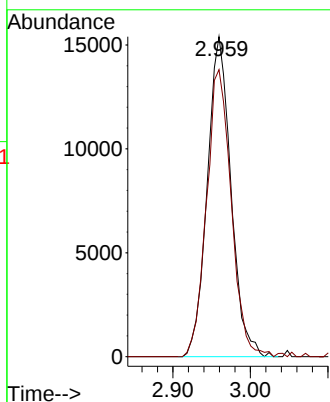
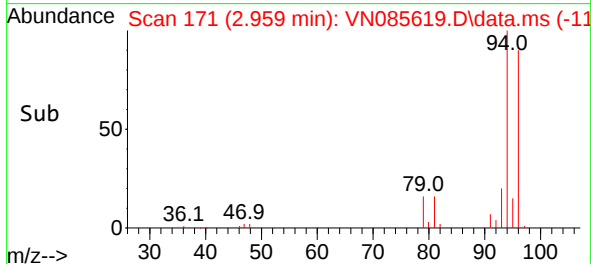
Instrument :
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Tgt Ion: 94 Resp: 32854
Ion Ratio Lower Upper
94 100
96 89.7 71.8 107.6

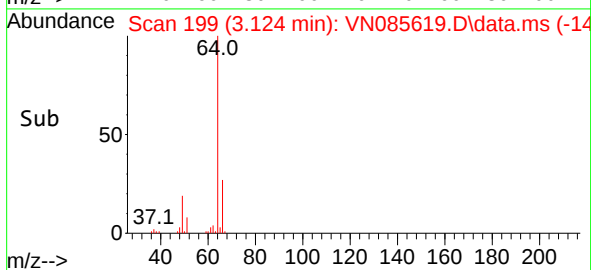
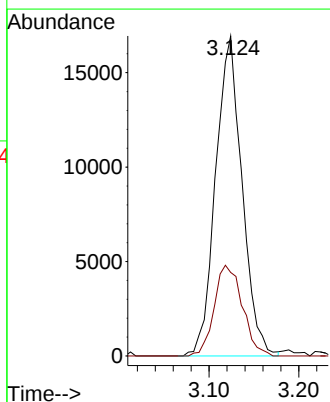
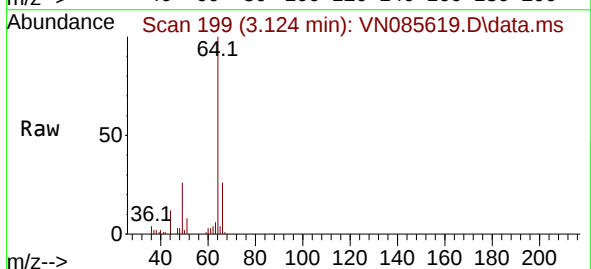
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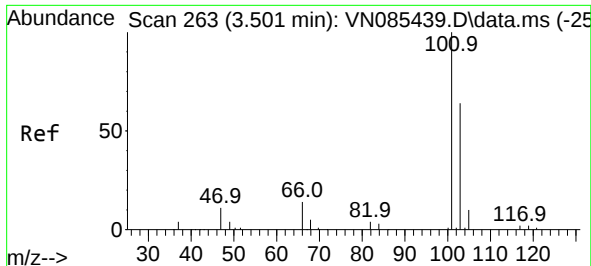
Reviewed By :John Carlone 02/04/2025
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#6
Chloroethane
Concen: 19.648 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN085619.D
Acq: 03 Feb 2025 13:58

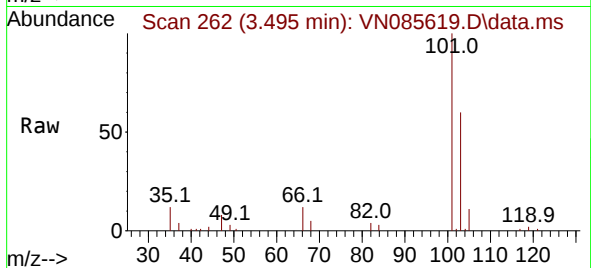
Tgt Ion: 64 Resp: 34668
Ion Ratio Lower Upper
64 100
66 26.1 24.6 36.8





#7
 Trichlorofluoromethane
 Concen: 17.753 ug/l
 RT: 3.495 min Scan# 210
 Delta R.T. -0.006 min
 Lab File: VN085619.D
 Acq: 03 Feb 2025 13:58

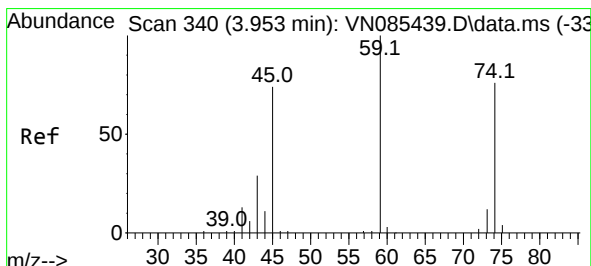
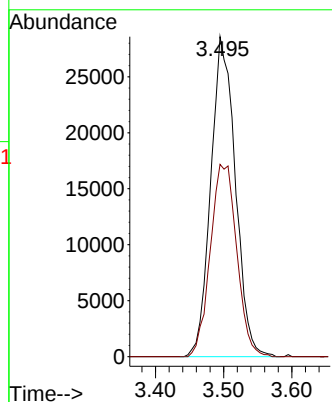
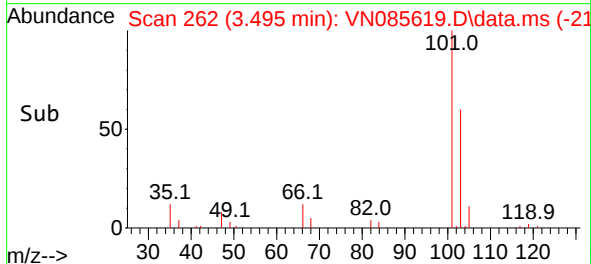
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0203WBS01



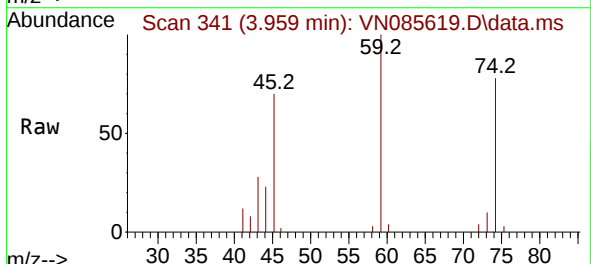
Tgt Ion:101 Resp: 7168
 Ion Ratio Lower Upper
 101 100
 103 60.1 51.4 77.2

Manual Integrations
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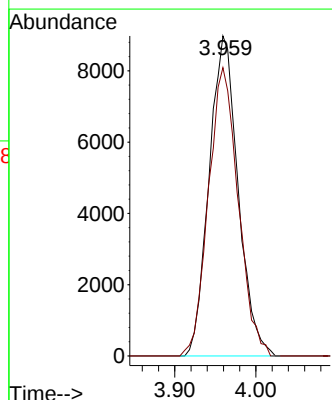
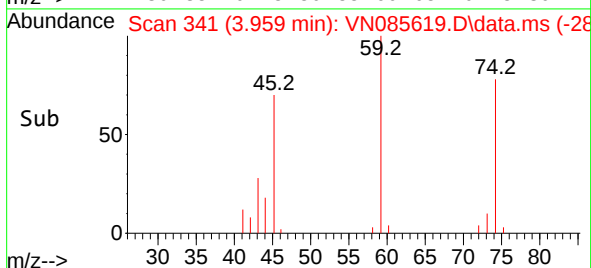
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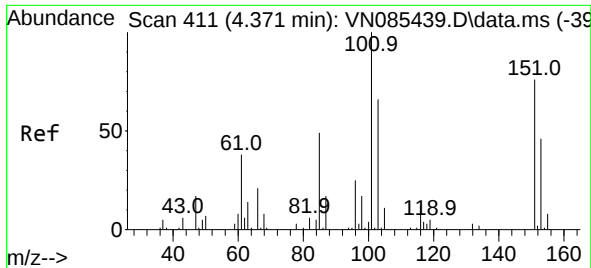


#8
 Diethyl Ether
 Concen: 15.989 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN085619.D
 Acq: 03 Feb 2025 13:58



Tgt Ion: 74 Resp: 22305
 Ion Ratio Lower Upper
 74 100
 45 92.2 49.7 149.1





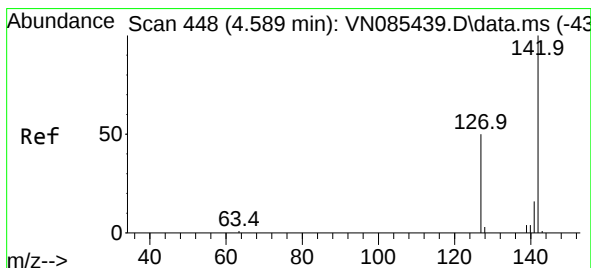
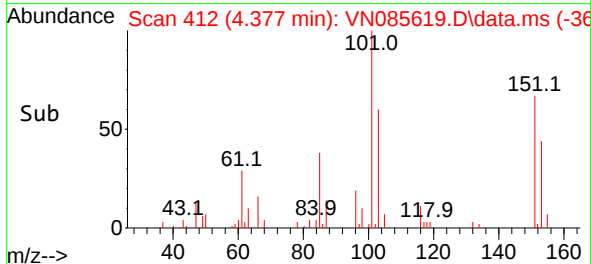
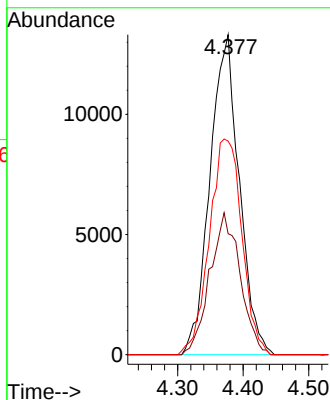
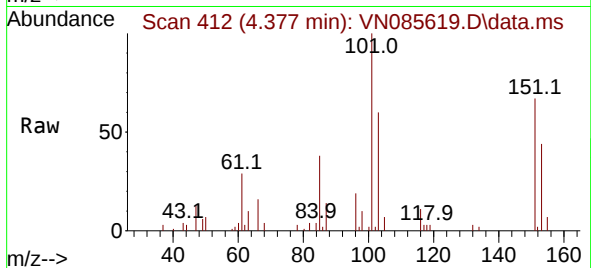
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.165 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN085619.D
Acq: 03 Feb 2025 13:58

Instrument :
MSVOA_N
ClientSampleId :
VN0203WBS01

Tgt Ion:101 Resp: 41310
Ion Ratio Lower Upper
101 100
85 45.8 37.8 56.8
151 74.8 58.8 88.2

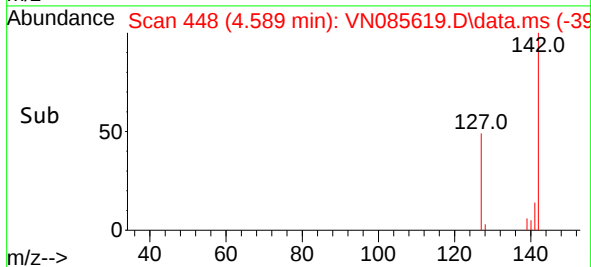
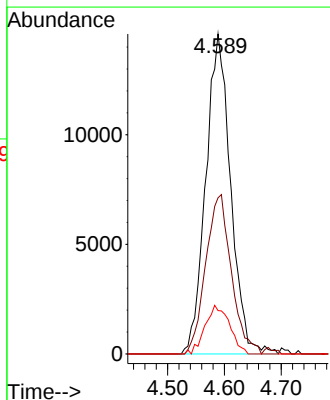
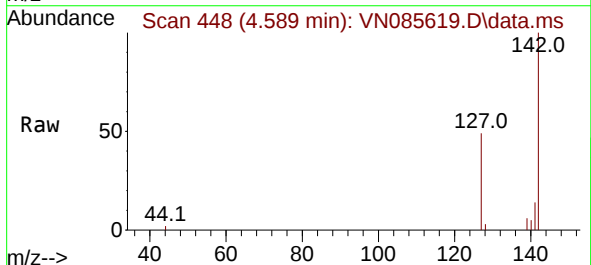
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#10
Methyl Iodide
Concen: 17.036 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN085619.D
Acq: 03 Feb 2025 13:58

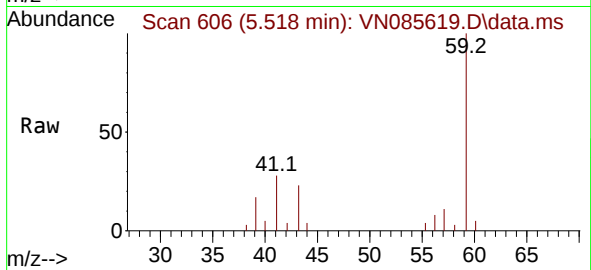
Tgt Ion:142 Resp: 44373
Ion Ratio Lower Upper
142 100
127 48.8 40.3 60.5
141 13.6 12.8 19.2





#11
Tert butyl alcohol
Concen: 99.071 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN085619.D
Acq: 03 Feb 2025 13:58

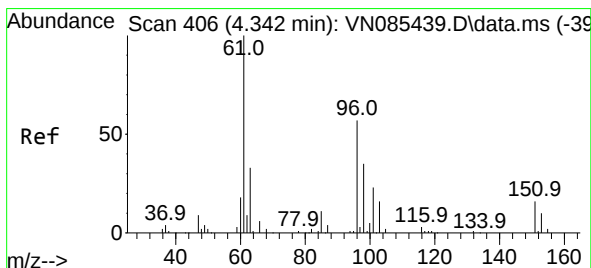
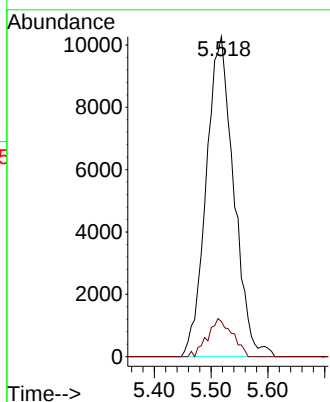
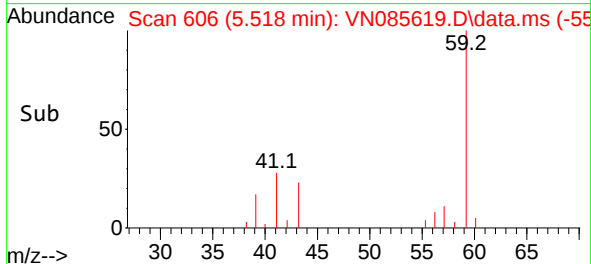
Instrument :
MSVOA_N
ClientSampleId :
VN0203WBS01



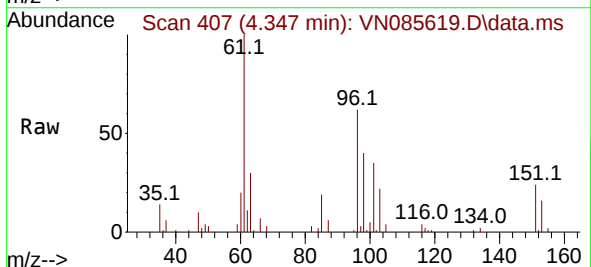
Tgt Ion: 59 Resp: 34580
Ion Ratio Lower Upper
59 100
57 10.7 8.6 13.0

Manual Integrations
APPROVED

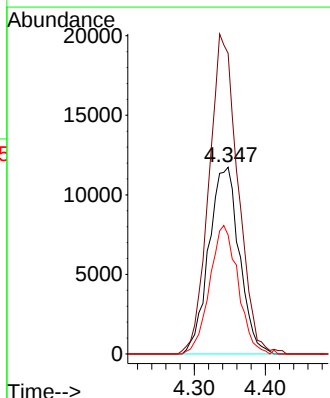
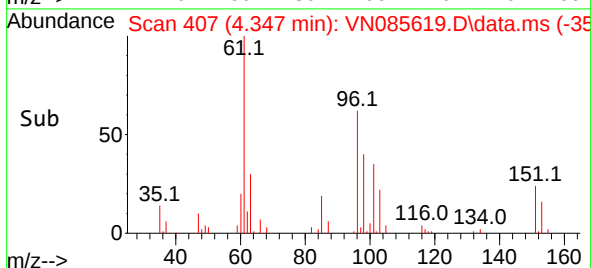
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#12
1,1-Dichloroethene
Concen: 17.272 ug/l
RT: 4.347 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN085619.D
Acq: 03 Feb 2025 13:58



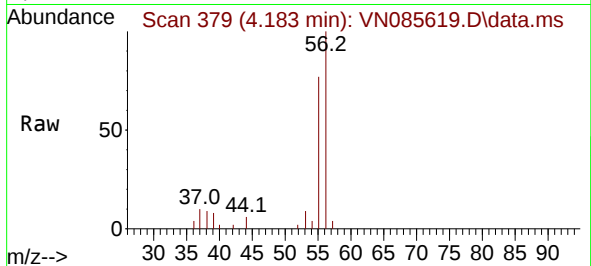
Tgt Ion: 96 Resp: 35011
Ion Ratio Lower Upper
96 100
61 161.0 141.0 211.4
98 63.6 49.0 73.6





#13
Acrolein
Concen: 51.087 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.012 min
Lab File: VN085619.D
Acq: 03 Feb 2025 13:58

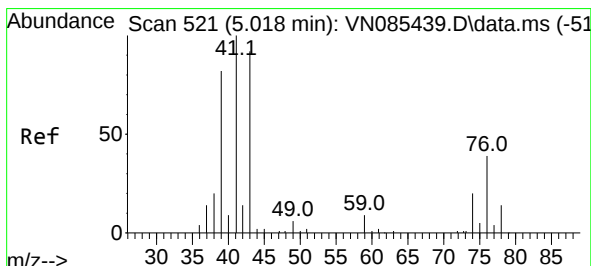
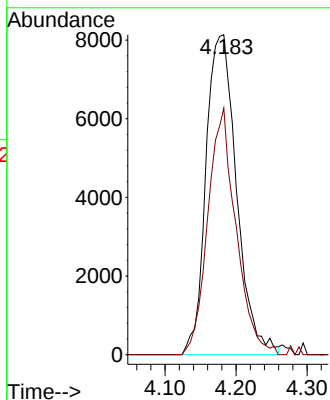
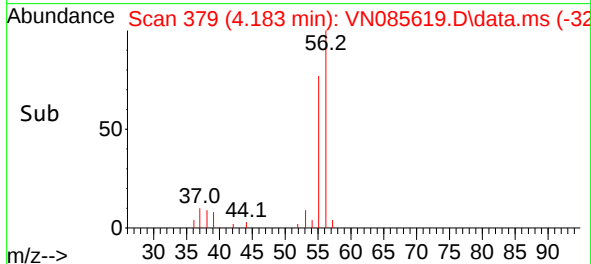
Instrument :
MSVOA_N
ClientSampleId :
VN0203WBS01



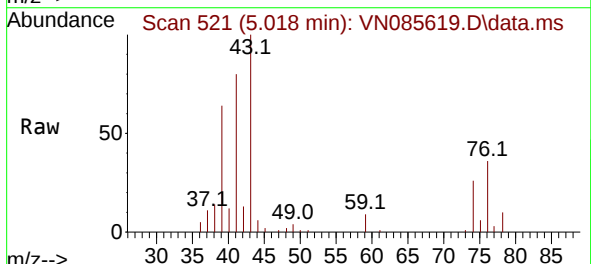
Tgt Ion: 56 Resp: 2434
Ion Ratio Lower Upper
56 100
55 70.9 56.3 84.5

Manual Integrations
APPROVED

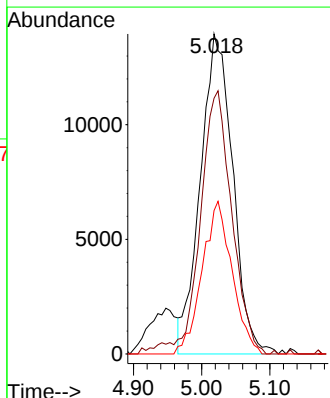
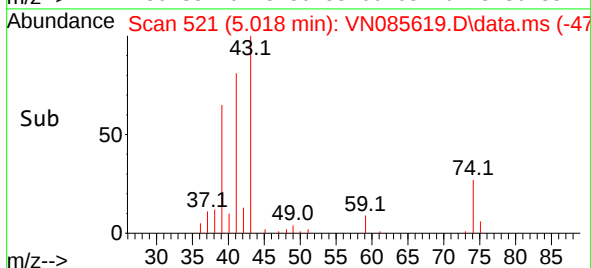
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025

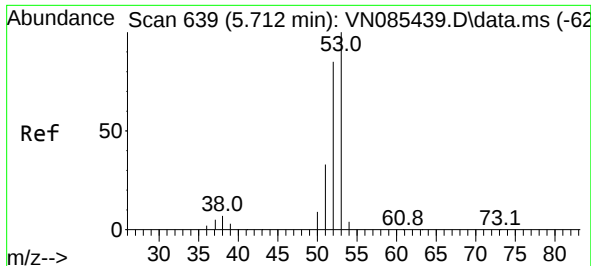


#14
Allyl chloride
Concen: 14.006 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN085619.D
Acq: 03 Feb 2025 13:58



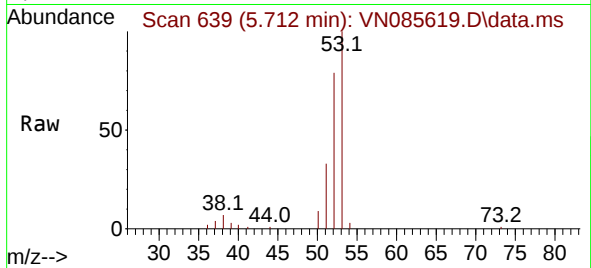
Tgt Ion: 41 Resp: 46069
Ion Ratio Lower Upper
41 100
39 78.3 64.4 96.6
76 44.1 30.5 45.7





#15
Acrylonitrile
Concen: 94.873 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN085619.D
Acq: 03 Feb 2025 13:58

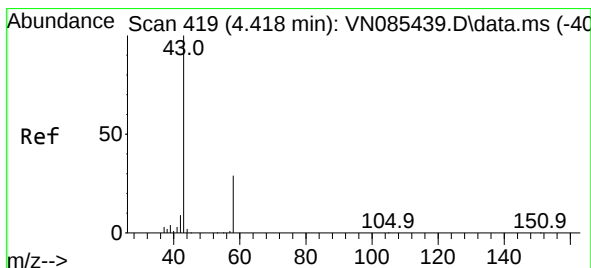
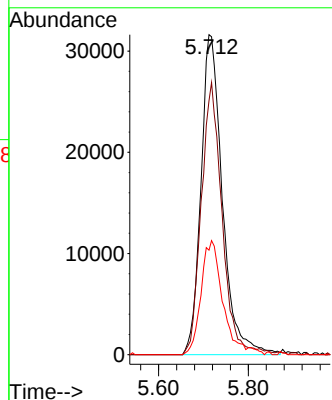
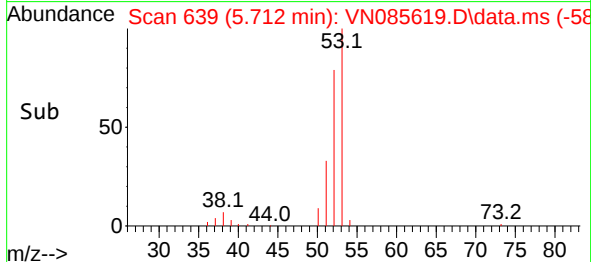
Instrument :
MSVOA_N
ClientSampleId :
VN0203WBS01



Tgt Ion: 53 Resp: 10520
Ion Ratio Lower Upper
53 100
52 82.3 65.5 98.3
51 35.6 29.8 44.8

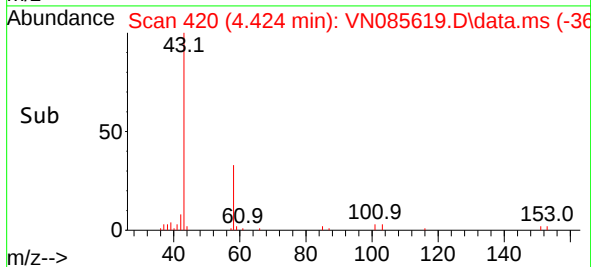
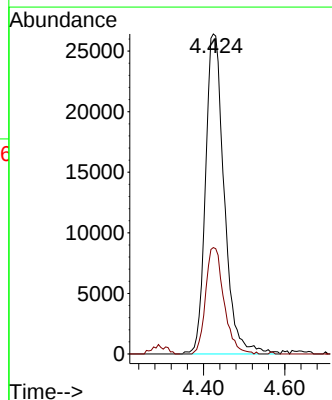
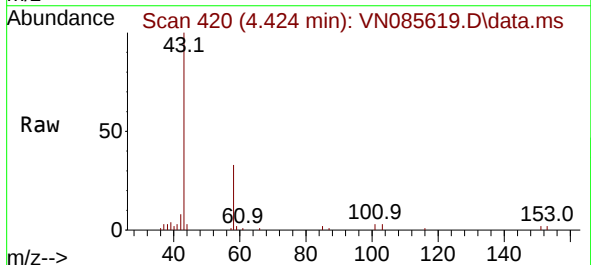
Manual Integrations
APPROVED

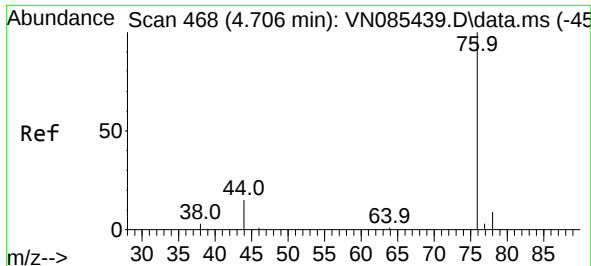
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#16
Acetone
Concen: 85.597 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085619.D
Acq: 03 Feb 2025 13:58

Tgt Ion: 43 Resp: 84320
Ion Ratio Lower Upper
43 100
58 33.2 23.8 35.6





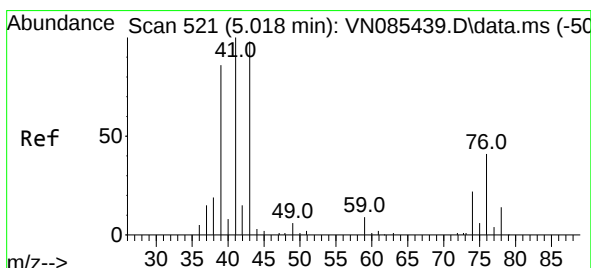
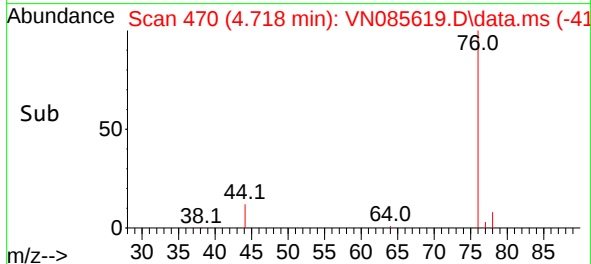
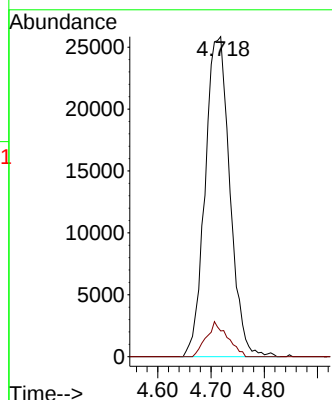
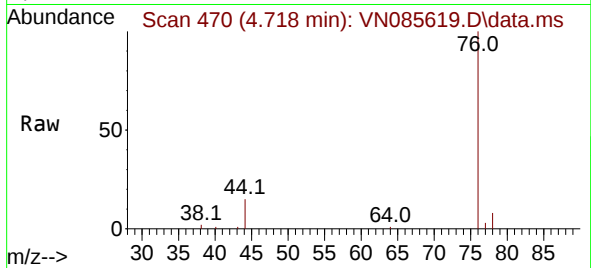
#17
Carbon Disulfide
Concen: 13.350 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN085619.D
Acq: 03 Feb 2025 13:58

Instrument :
MSVOA_N
ClientSampleId :
VN0203WBS01

Tgt Ion: 76 Resp: 83320
Ion Ratio Lower Upper
76 100
78 8.1 6.9 10.3

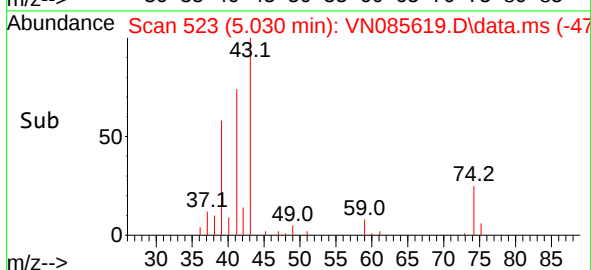
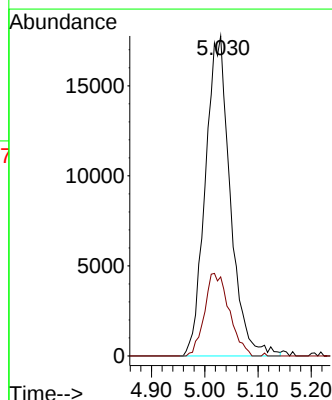
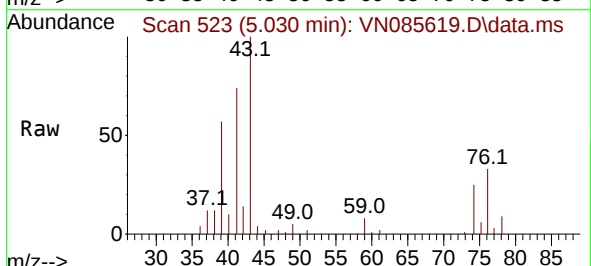
Manual Integrations
APPROVED

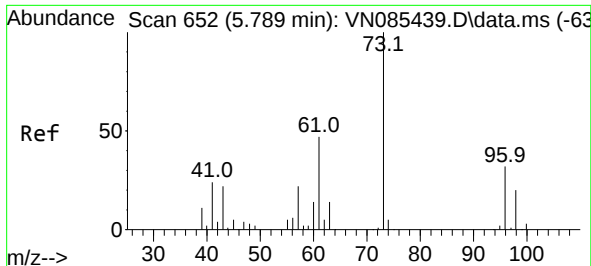
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#18
Methyl Acetate
Concen: 19.266 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN085619.D
Acq: 03 Feb 2025 13:58

Tgt Ion: 43 Resp: 57710
Ion Ratio Lower Upper
43 100
74 25.6 18.6 28.0





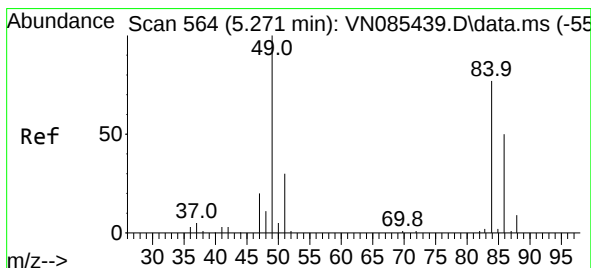
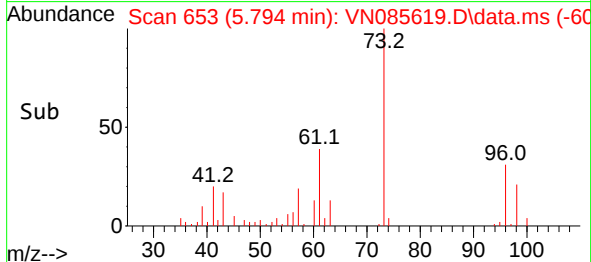
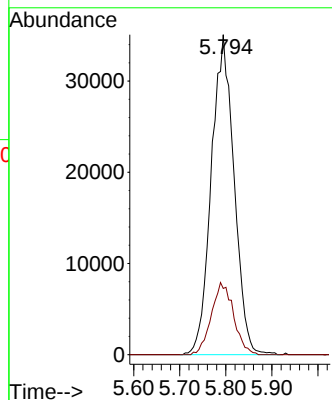
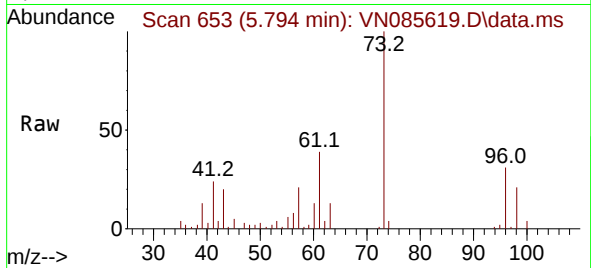
#19
Methyl tert-butyl Ether
Concen: 18.249 ug/l
RT: 5.794 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN085619.D
Acq: 03 Feb 2025 13:58

Instrument :
MSVOA_N
ClientSampleId :
VN0203WBS01

Tgt Ion: 73 Resp: 12011
Ion Ratio Lower Upper
73 100
57 20.7 17.8 26.8

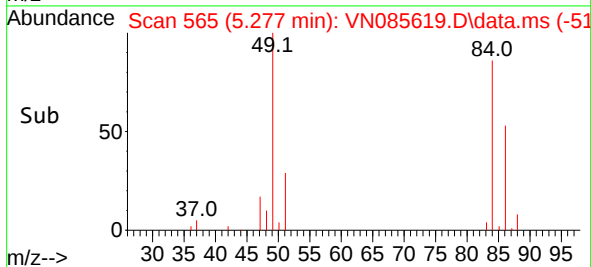
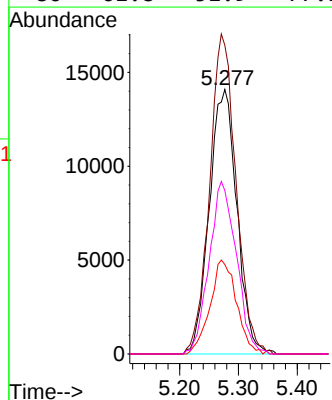
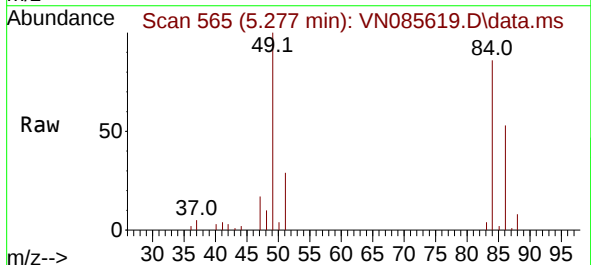
Manual Integrations
APPROVED

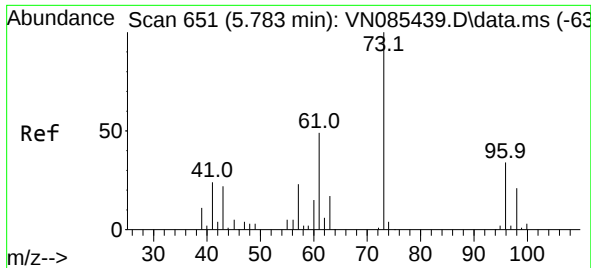
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#20
Methylene Chloride
Concen: 18.858 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN085619.D
Acq: 03 Feb 2025 13:58

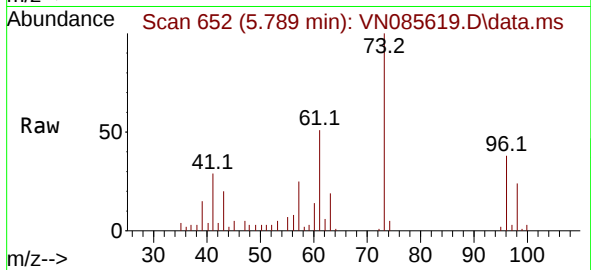
Tgt Ion: 84 Resp: 45987
Ion Ratio Lower Upper
84 100
49 116.7 104.1 156.1
51 33.8 31.0 46.4
86 61.8 51.9 77.9





#21
trans-1,2-Dichloroethene
Concen: 17.489 ug/l
RT: 5.789 min Scan# 651
Delta R.T. 0.006 min
Lab File: VN085619.D
Acq: 03 Feb 2025 13:58

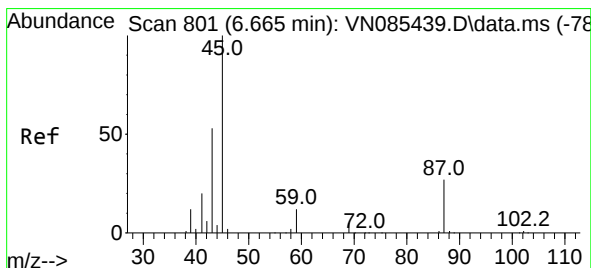
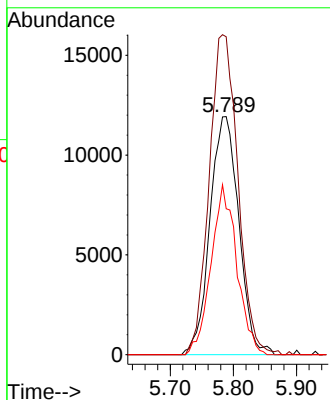
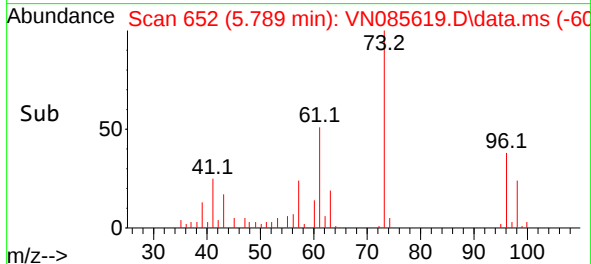
Instrument :
MSVOA_N
ClientSampleId :
VN0203WBS01



Tgt Ion: 96 Resp: 3788
Ion Ratio Lower Upper
96 100
61 133.6 115.7 173.5
98 61.3 49.8 74.8

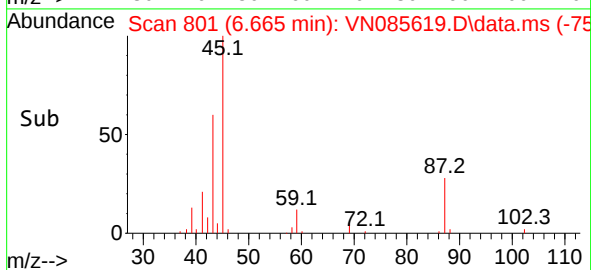
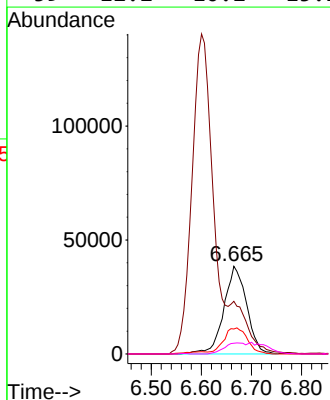
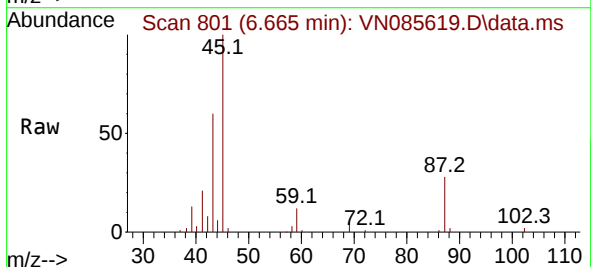
Manual Integrations
APPROVED

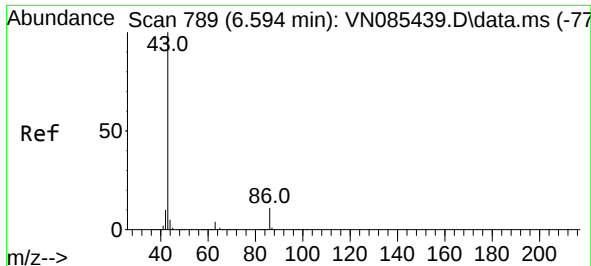
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#22
Diisopropyl ether
Concen: 16.651 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.000 min
Lab File: VN085619.D
Acq: 03 Feb 2025 13:58

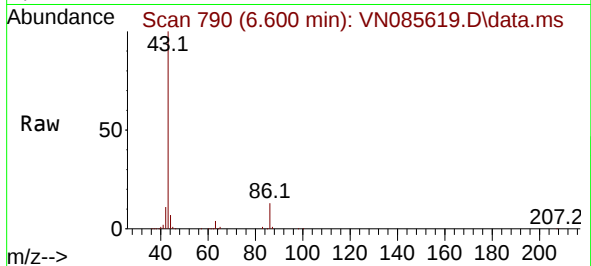
Tgt Ion: 45 Resp: 121562
Ion Ratio Lower Upper
45 100
43 57.9 45.0 67.6
87 28.5 21.8 32.8
59 12.2 10.2 15.2





#23
 Vinyl Acetate
 Concen: 79.484 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN085619.D
 Acq: 03 Feb 2025 13:58

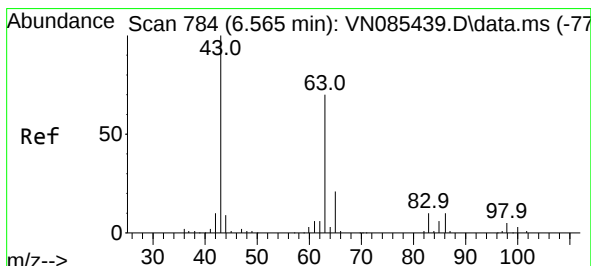
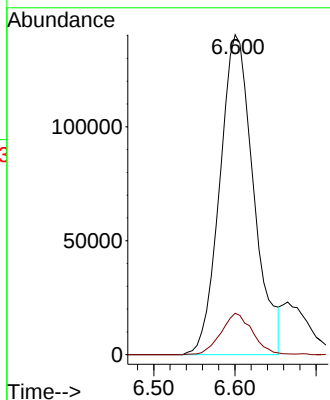
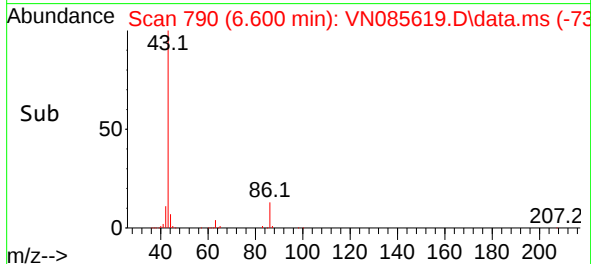
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0203WBS01



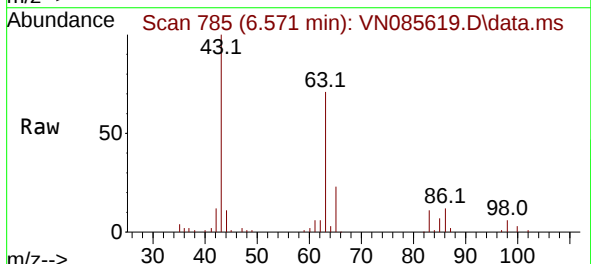
Tgt Ion: 43 Resp: 40609
 Ion Ratio Lower Upper
 43 100
 86 12.9 8.4 12.6

Manual Integrations
 APPROVED

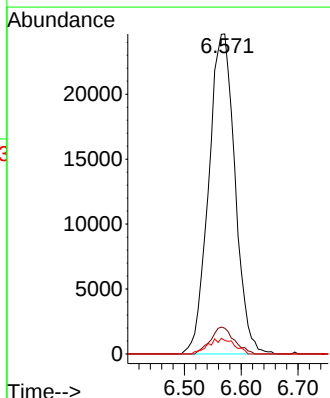
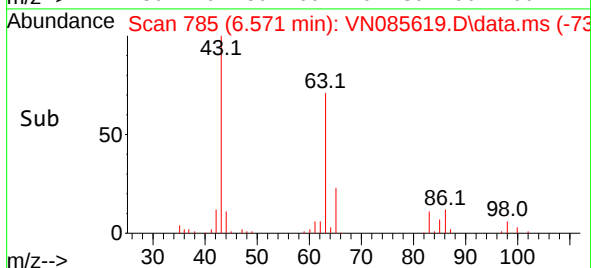
Reviewed By :John Carlone 02/04/2025
 Supervised By :Mahesh Dadoda 02/04/2025



#24
 1,1-Dichloroethane
 Concen: 17.785 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN085619.D
 Acq: 03 Feb 2025 13:58



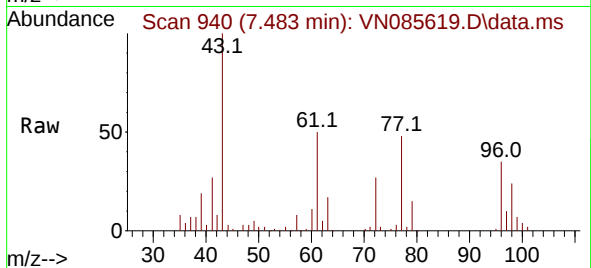
Tgt Ion: 63 Resp: 79173
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.3 9.8
 100 4.2 2.0 6.0





#25
2-Butanone
Concen: 88.606 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN085619.D
Acq: 03 Feb 2025 13:58

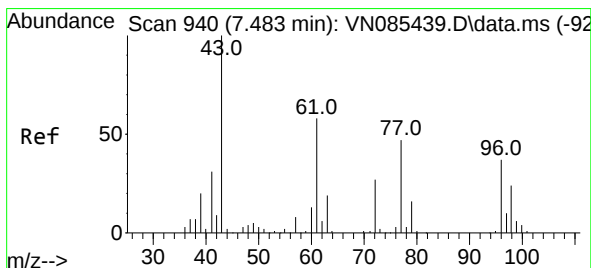
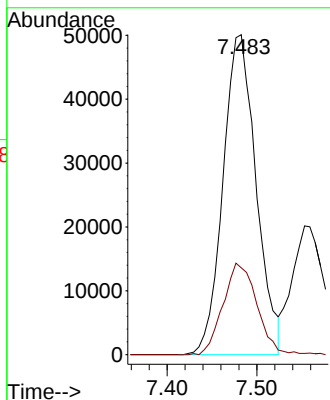
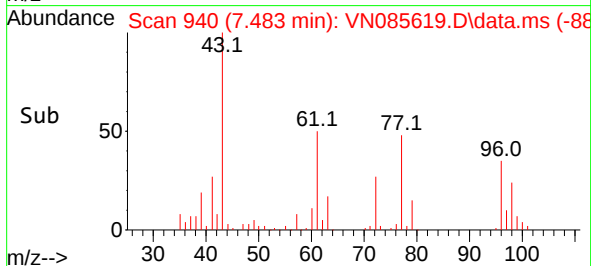
Instrument :
MSVOA_N
ClientSampleId :
VN0203WBS01



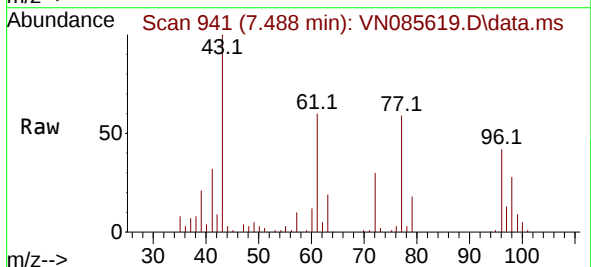
Tgt Ion: 43 Resp: 128440
Ion Ratio Lower Upper
43 100
72 27.2 20.2 30.4

Manual Integrations
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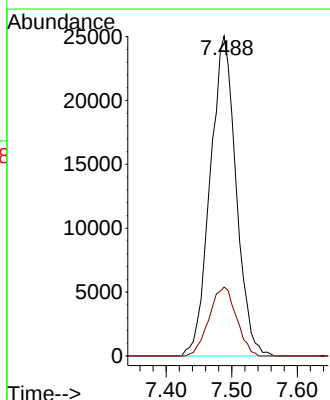
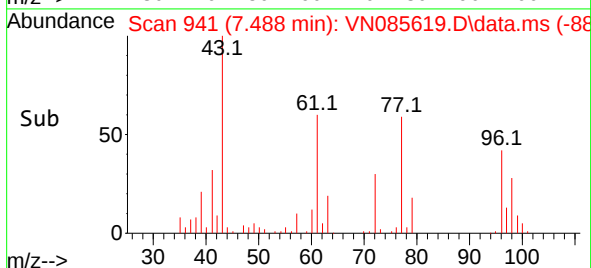
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#26
2,2-Dichloropropane
Concen: 19.060 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085619.D
Acq: 03 Feb 2025 13:58



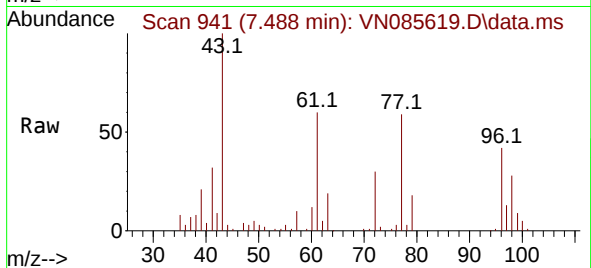
Tgt Ion: 77 Resp: 68597
Ion Ratio Lower Upper
77 100
97 22.7 10.7 32.1





#27
 cis-1,2-Dichloroethene
 Concen: 18.700 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN085619.D
 Acq: 03 Feb 2025 13:58

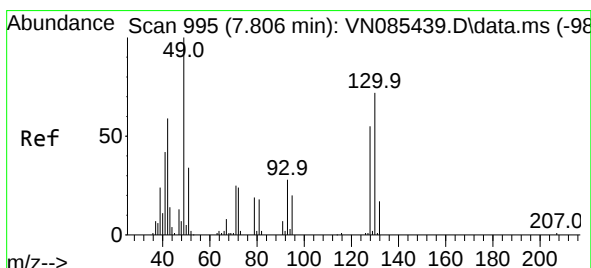
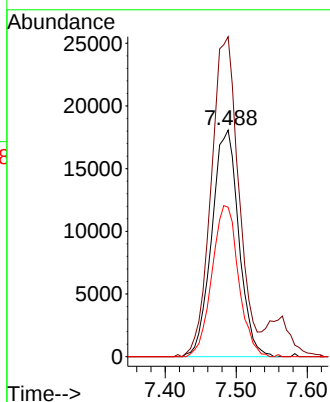
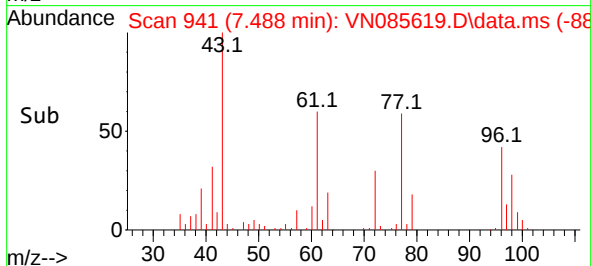
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0203WBS01



Tgt Ion: 96 Resp: 47714
 Ion Ratio Lower Upper
 96 100
 61 144.9 0.0 311.8
 98 65.6 0.0 126.0

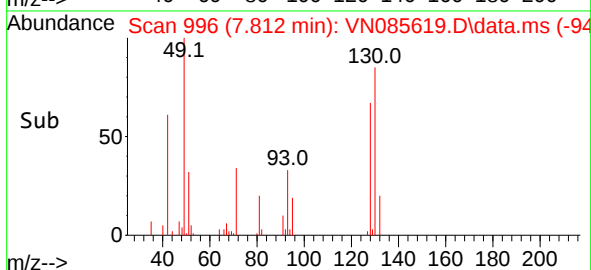
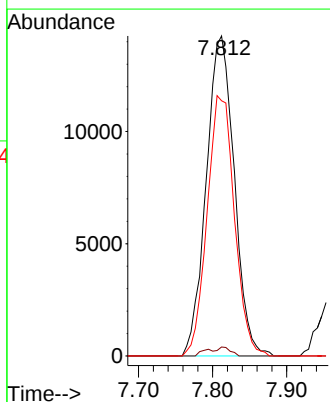
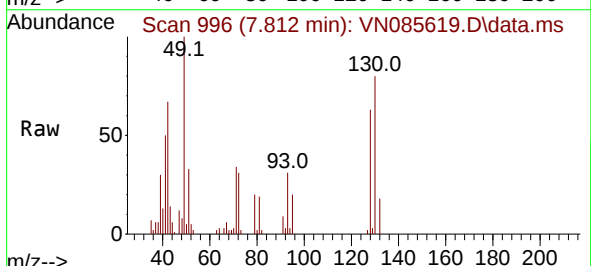
Manual Integrations
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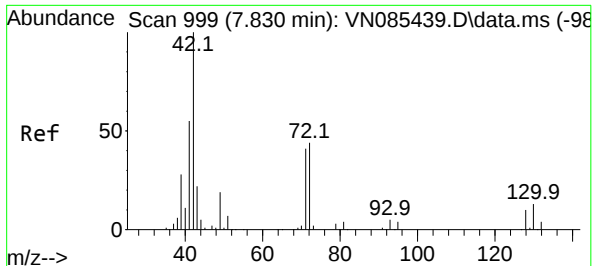
Reviewed By :John Carlone 02/04/2025
 Supervised By :Mahesh Dadoda 02/04/2025



#28
 Bromochloromethane
 Concen: 18.074 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN085619.D
 Acq: 03 Feb 2025 13:58

Tgt Ion: 49 Resp: 37432
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 4.4
 130 79.3 55.0 82.4





#29

Tetrahydrofuran

Concen: 90.042 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN085619.D

Acq: 03 Feb 2025 13:58

Instrument :

MSVOA_N

ClientSampleId :

VN0203WBS01

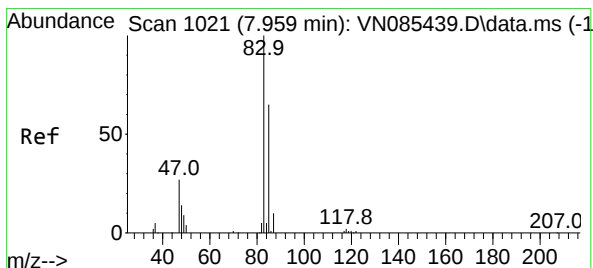
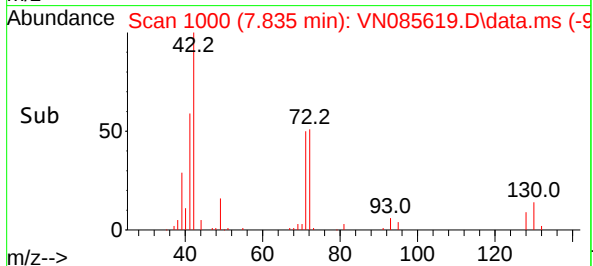
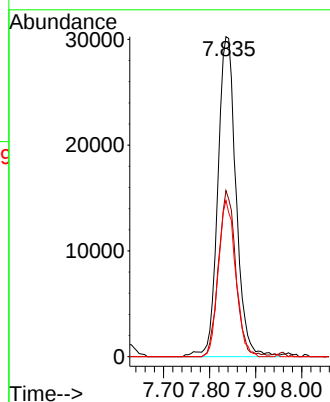
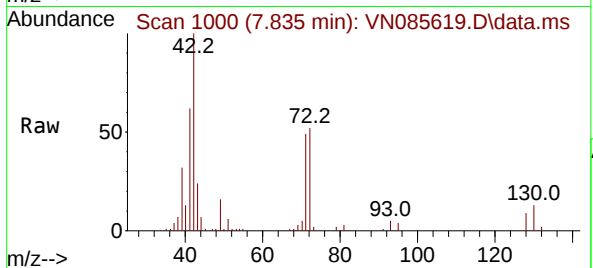
Tgt Ion:	42	Resp:	8275
Ion Ratio	Lower	Upper	
42	100		
72	49.2	34.2	51.2
71	46.3	32.5	48.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/04/2025

Supervised By :Mahesh Dadoda 02/04/2025



#30

Chloroform

Concen: 19.043 ug/l

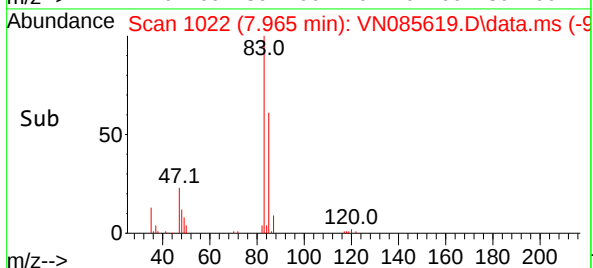
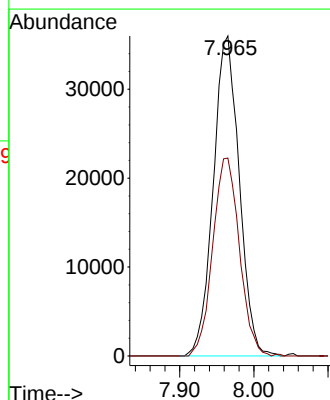
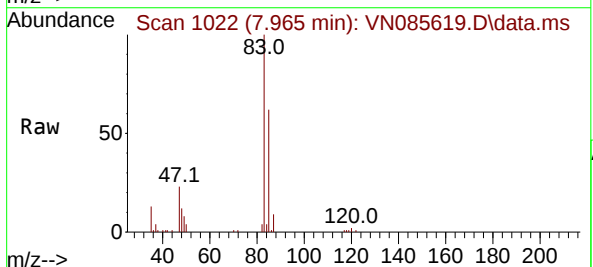
RT: 7.965 min Scan# 1022

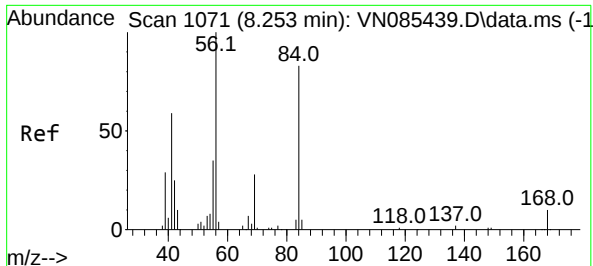
Delta R.T. 0.006 min

Lab File: VN085619.D

Acq: 03 Feb 2025 13:58

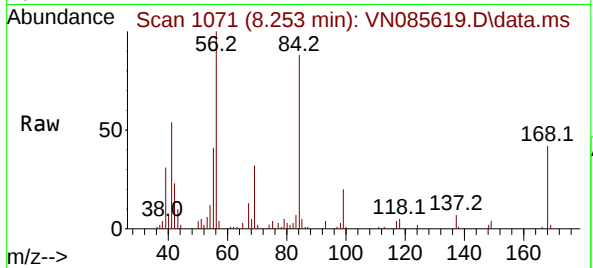
Tgt Ion:	83	Resp:	87616
Ion Ratio	Lower	Upper	
83	100		
85	61.8	51.8	77.6





#31
Cyclohexane
Concen: 14.205 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN085619.D
Acq: 03 Feb 2025 13:58

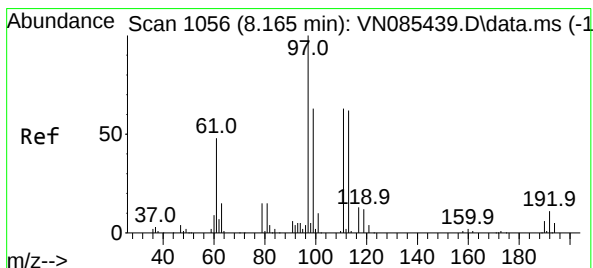
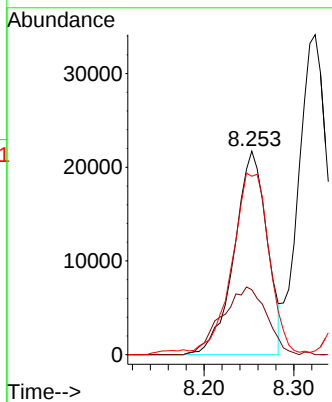
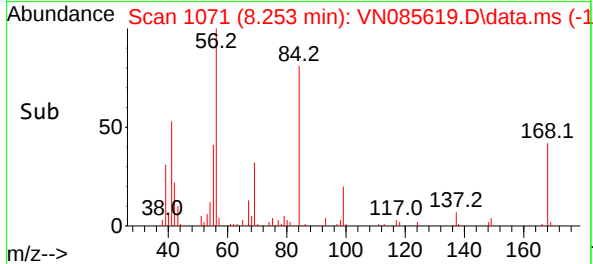
Instrument :
MSVOA_N
ClientSampleId :
VN0203WBS01



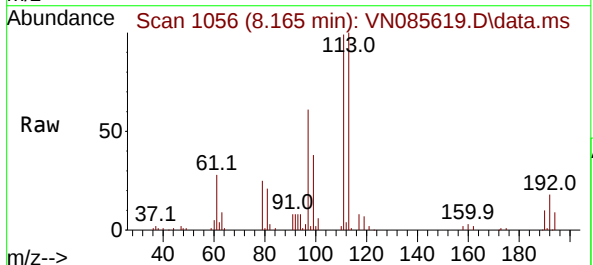
Tgt Ion: 56 Resp: 54962
Ion Ratio Lower Upper
56 100
69 31.9 22.2 33.4
84 85.9 66.4 99.6

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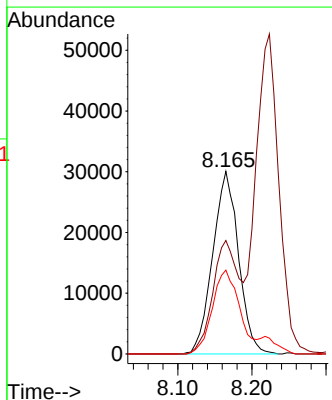
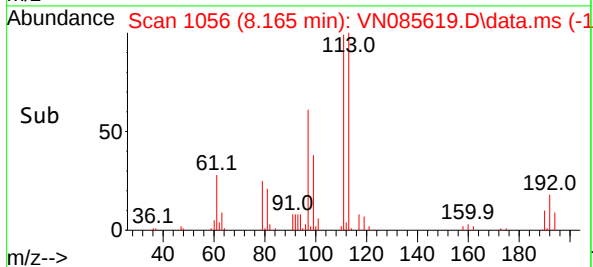
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025

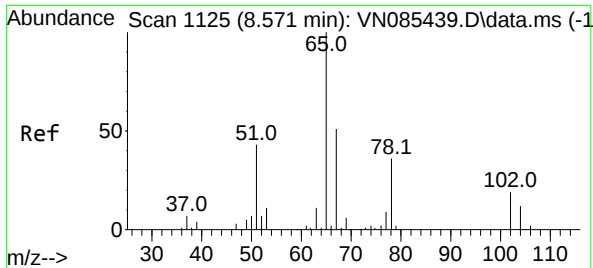


#32
1,1,1-Trichloroethane
Concen: 17.987 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN085619.D
Acq: 03 Feb 2025 13:58



Tgt Ion: 97 Resp: 72591
Ion Ratio Lower Upper
97 100
99 63.1 49.8 74.6
61 48.7 41.4 62.2





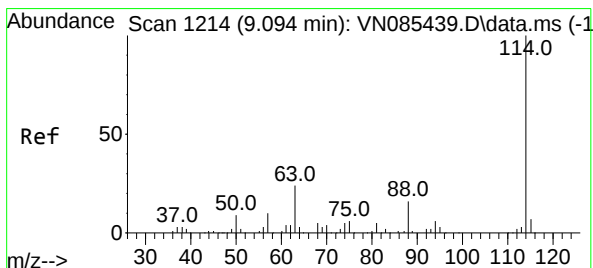
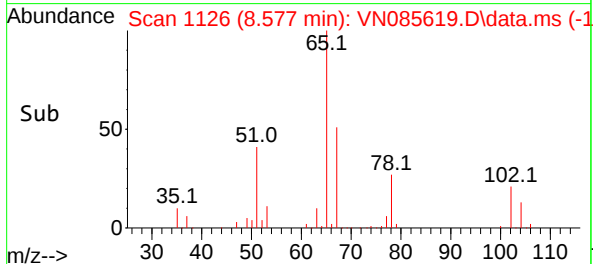
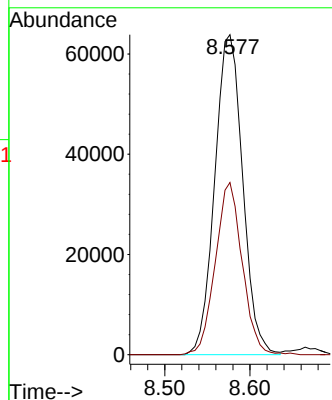
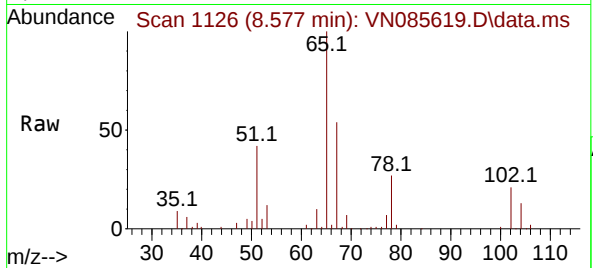
#33
 1,2-Dichloroethane-d4
 Concen: 47.758 ug/l
 RT: 8.577 min Scan# 1125
 Delta R.T. 0.006 min
 Lab File: VN085619.D
 Acq: 03 Feb 2025 13:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0203WBS01

Tgt Ion: 65 Resp: 14560
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 101.6

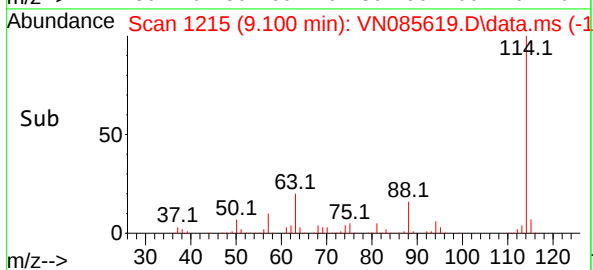
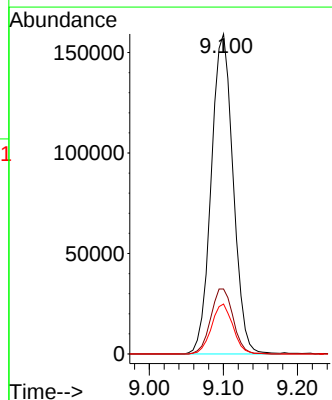
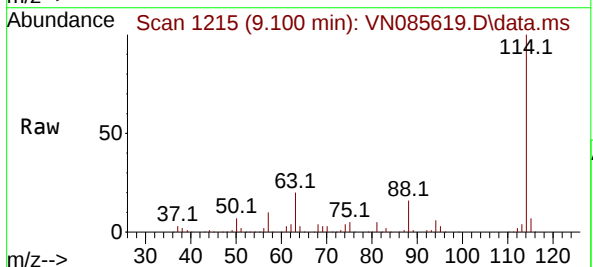
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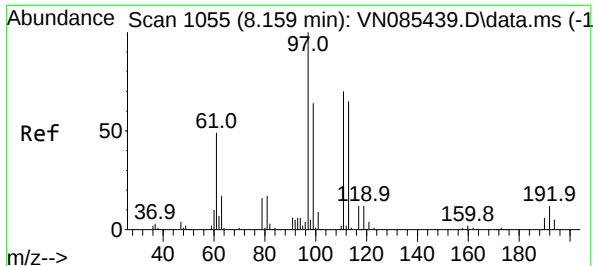
Reviewed By :John Carlone 02/04/2025
 Supervised By :Mahesh Dadoda 02/04/2025



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.006 min
 Lab File: VN085619.D
 Acq: 03 Feb 2025 13:58

Tgt Ion:114 Resp: 327054
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 47.6
 88 15.6 0.0 32.6





#35

Dibromofluoromethane

Concen: 52.239 ug/l

RT: 8.165 min Scan# 1055

Delta R.T. 0.006 min

Lab File: VN085619.D

Acq: 03 Feb 2025 13:58

Instrument :

MSVOA_N

ClientSampleId :

VN0203WBS01

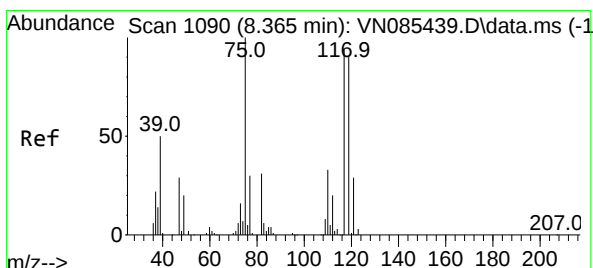
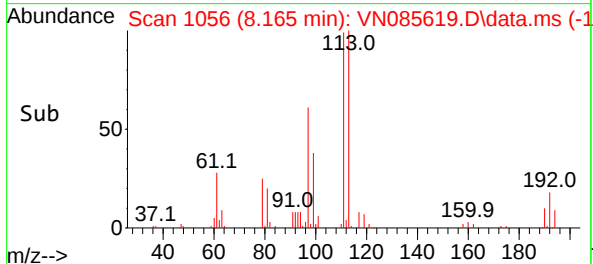
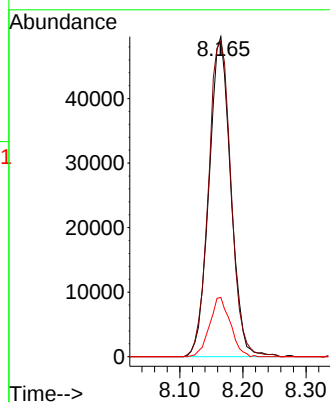
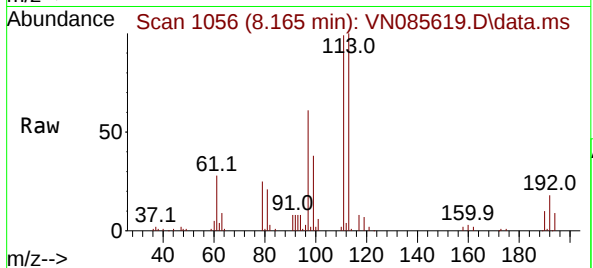
Tgt Ion:	113	Resp:	11852
Ion Ratio	Lower	Upper	
113	100		
111	102.7	82.7	124.1
192	17.7	14.3	21.5

Manual Integrations

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Reviewed By :John Carlone 02/04/2025

Supervised By :Mahesh Dadoda 02/04/2025



#36

1,1-Dichloropropene

Concen: 16.530 ug/l

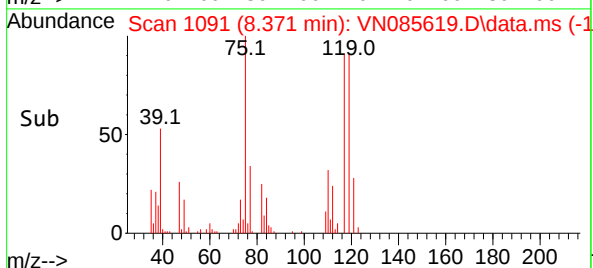
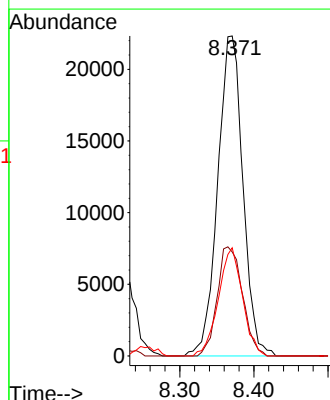
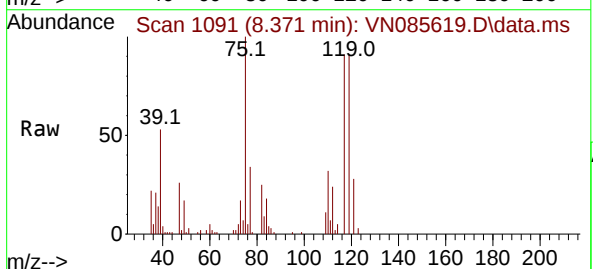
RT: 8.371 min Scan# 1091

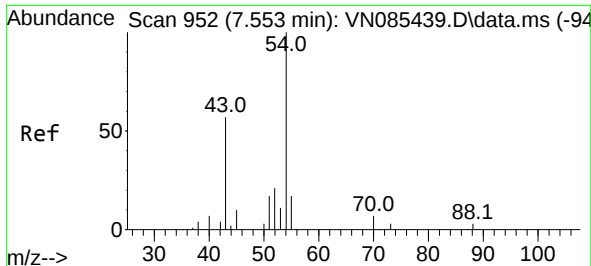
Delta R.T. 0.006 min

Lab File: VN085619.D

Acq: 03 Feb 2025 13:58

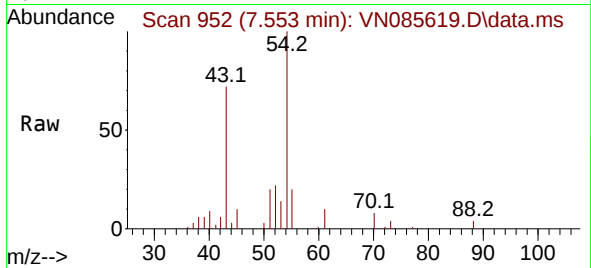
Tgt Ion:	75	Resp:	52640
Ion Ratio	Lower	Upper	
75	100		
110	34.2	16.5	49.5
77	32.4	24.4	36.6





#37
Ethyl Acetate
Concen: 16.226 ug/l
RT: 7.553 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN085619.D
Acq: 03 Feb 2025 13:58

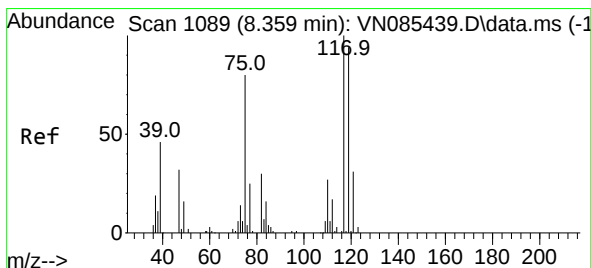
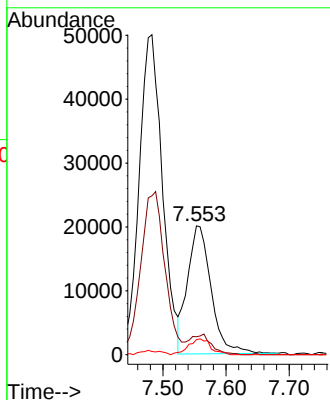
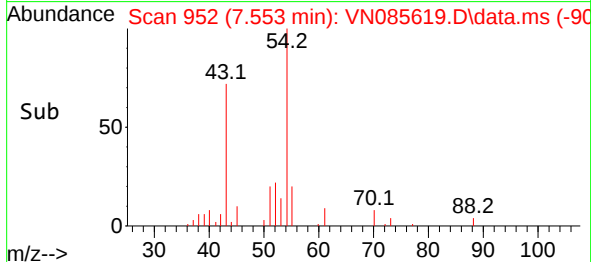
Instrument :
MSVOA_N
ClientSampleId :
VN0203WBS01



Tgt Ion: 43 Resp: 5215
Ion Ratio Lower Upper
43 100
61 14.1 10.9 16.3
70 11.5 7.5 11.3

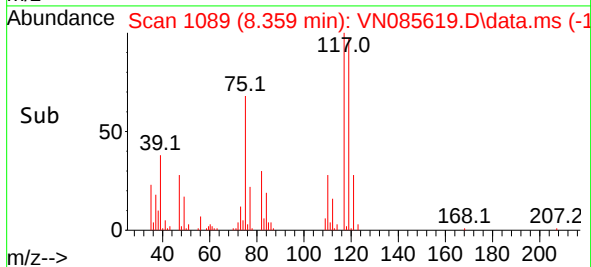
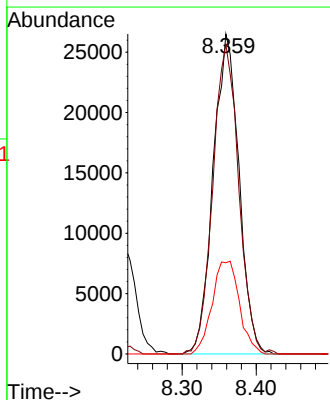
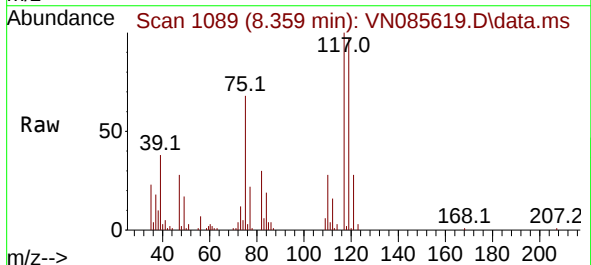
Manual Integrations
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Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#38
Carbon Tetrachloride
Concen: 17.539 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN085619.D
Acq: 03 Feb 2025 13:58

Tgt Ion:117 Resp: 63941
Ion Ratio Lower Upper
117 100
119 96.8 75.4 113.2
121 28.5 24.6 37.0





#39

Methylcyclohexane

Concen: 15.712 ug/l

RT: 9.594 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VN085619.D

Acq: 03 Feb 2025 13:58

Instrument :

MSVOA_N

ClientSampleId :

VN0203WBS01

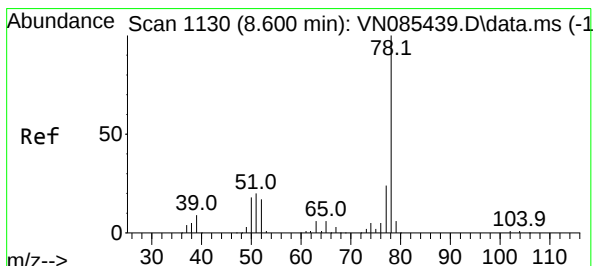
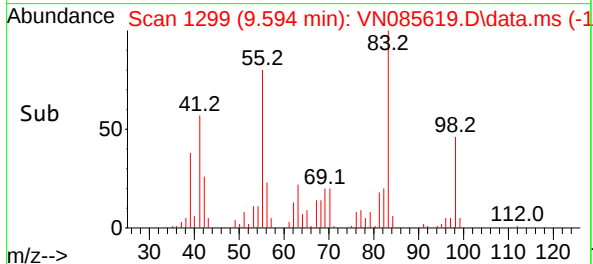
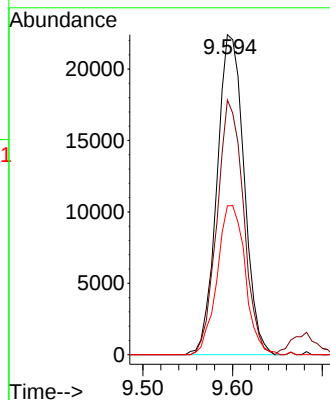
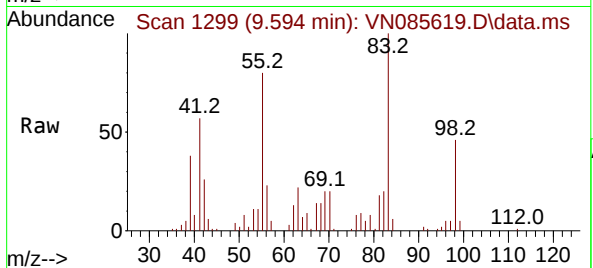
Tgt Ion: 83	Resp: 4701
Ion Ratio	Lower Upper
83	100
55	79.6 62.6 94.0
98	46.5 37.7 56.5

Manual Integrations

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Reviewed By :John Carlone 02/04/2025

Supervised By :Mahesh Dadoda 02/04/2025



#40

Benzene

Concen: 18.610 ug/l

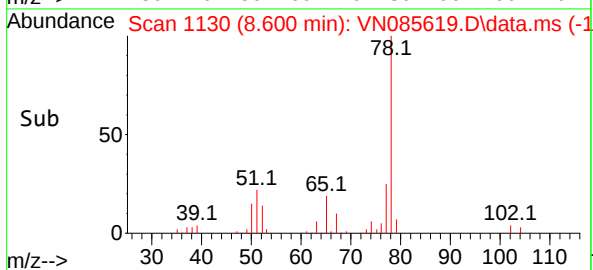
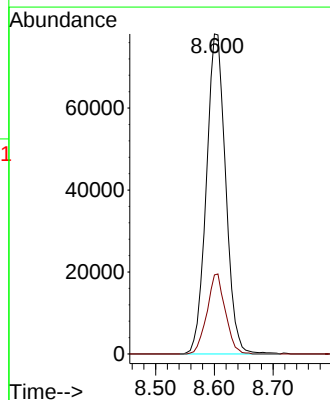
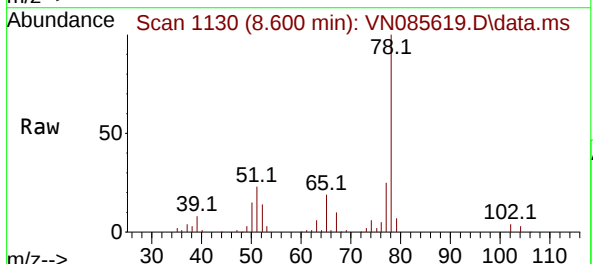
RT: 8.600 min Scan# 1130

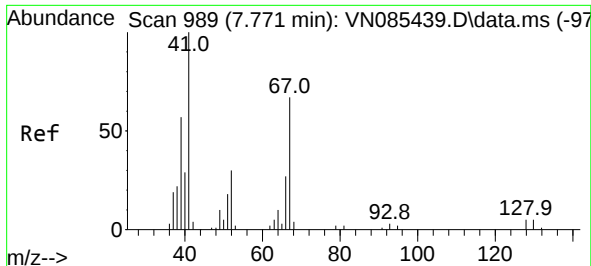
Delta R.T. -0.000 min

Lab File: VN085619.D

Acq: 03 Feb 2025 13:58

Tgt Ion: 78	Resp: 178066
Ion Ratio	Lower Upper
78	100
77	24.7 19.0 28.6





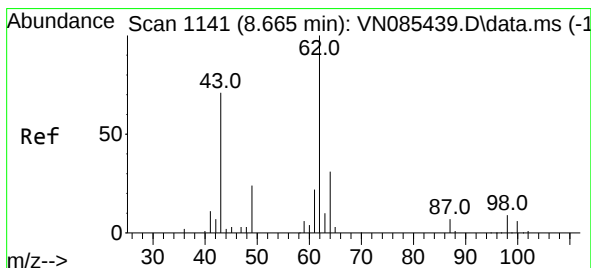
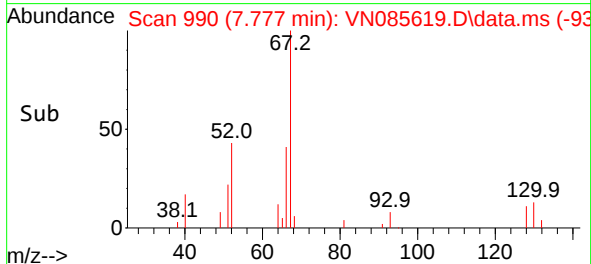
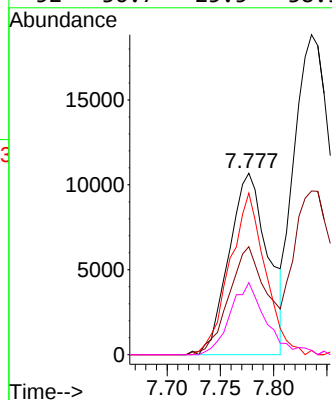
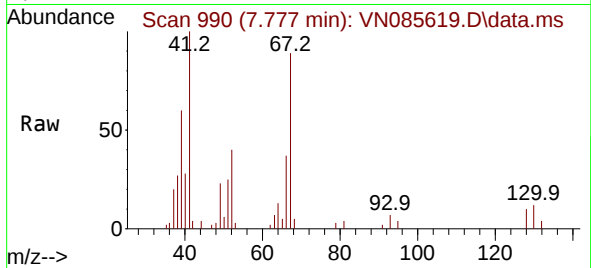
#41
Methacrylonitrile
Concen: 16.257 ug/l
RT: 7.777 min Scan# 989
Delta R.T. 0.006 min
Lab File: VN085619.D
Acq: 03 Feb 2025 13:58

Instrument :
MSVOA_N
ClientSampleId :
VN0203WBS01

Tgt Ion: 41 Resp: 27180
Ion Ratio Lower Upper
41 100
39 58.7 46.0 69.0
67 81.3 57.4 86.2
52 36.7 25.5 38.3

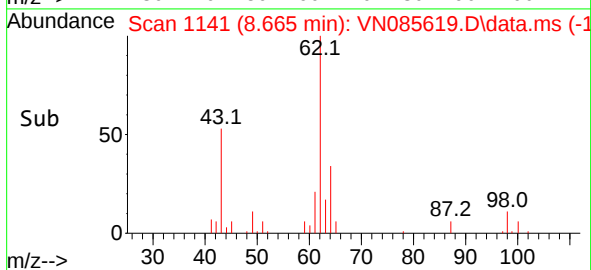
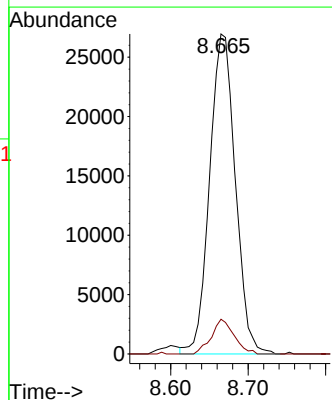
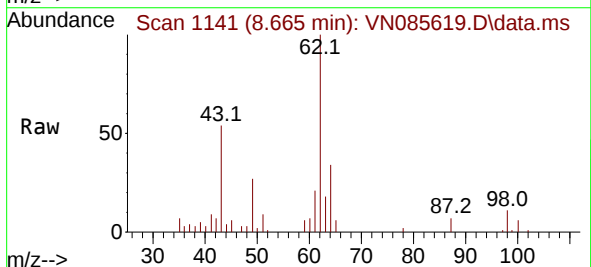
Manual Integrations
APPROVED

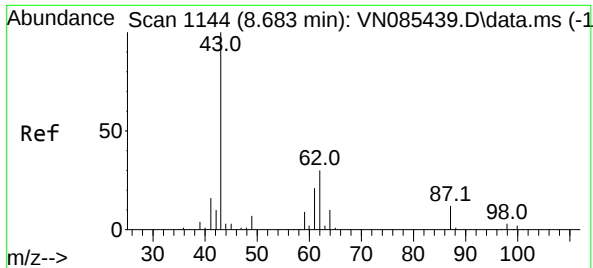
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#42
1,2-Dichloroethane
Concen: 17.238 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN085619.D
Acq: 03 Feb 2025 13:58

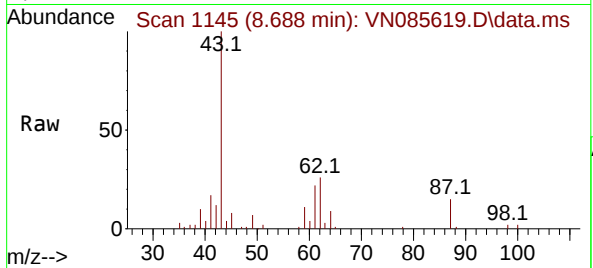
Tgt Ion: 62 Resp: 62118
Ion Ratio Lower Upper
62 100
98 9.5 0.0 17.0





#43
Isopropyl Acetate
Concen: 17.628 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN085619.D
Acq: 03 Feb 2025 13:58

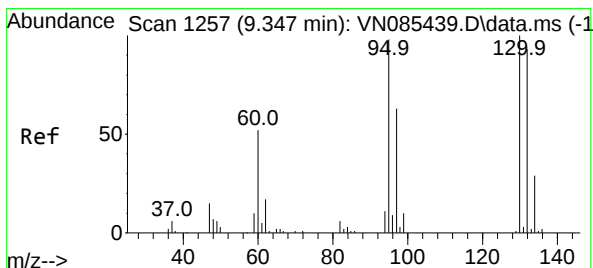
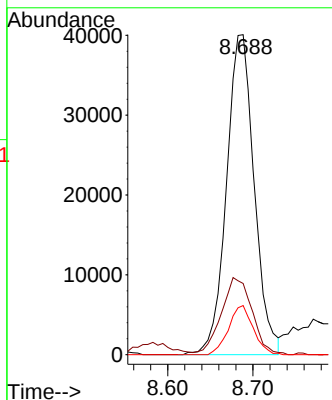
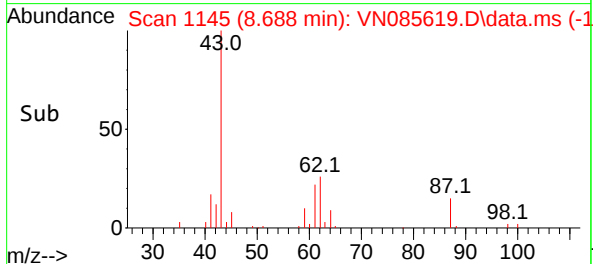
Instrument :
MSVOA_N
ClientSampleId :
VN0203WBS01



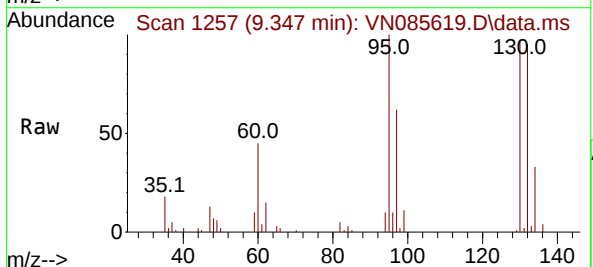
Tgt Ion: 43 Resp: 90788
Ion Ratio Lower Upper
43 100
61 26.7 20.7 31.1
87 13.7 9.8 14.8

Manual Integrations
APPROVED

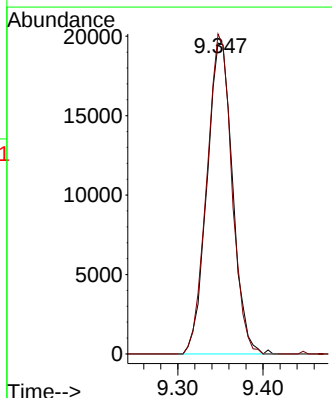
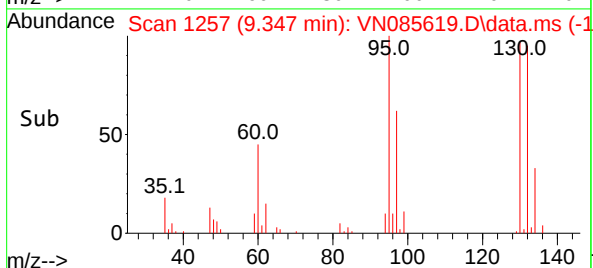
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025

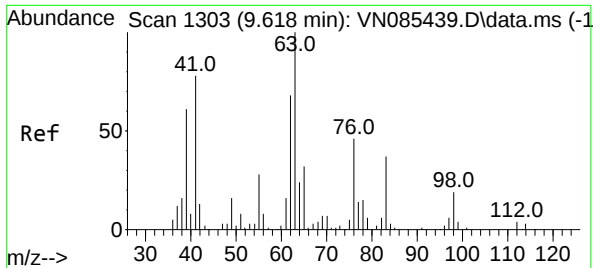


#44
Trichloroethene
Concen: 18.397 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN085619.D
Acq: 03 Feb 2025 13:58



Tgt Ion:130 Resp: 40975
Ion Ratio Lower Upper
130 100
95 102.9 0.0 195.8





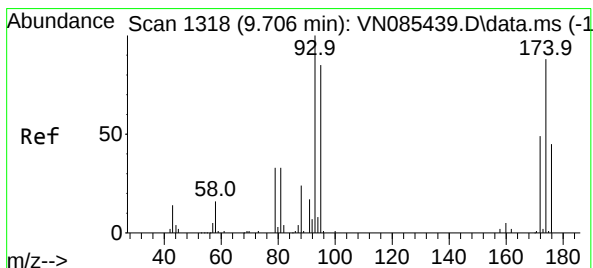
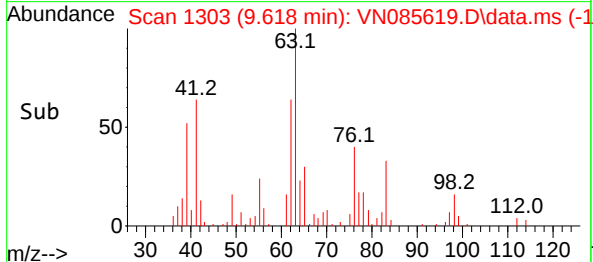
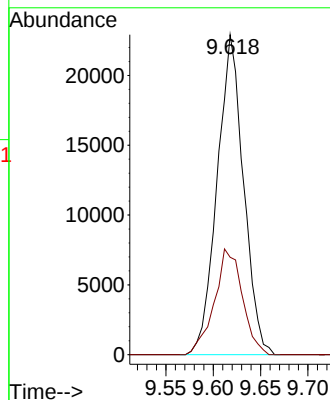
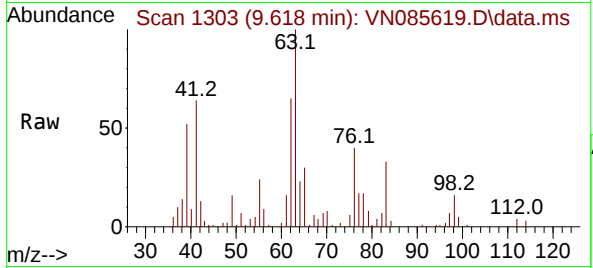
#45
1,2-Dichloropropane
Concen: 18.152 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VN085619.D
Acq: 03 Feb 2025 13:58

Instrument :
MSVOA_N
ClientSampleId :
VN0203WBS01

Tgt Ion: 63 Resp: 4436
Ion Ratio Lower Upper
63 100
65 30.5 25.6 38.4

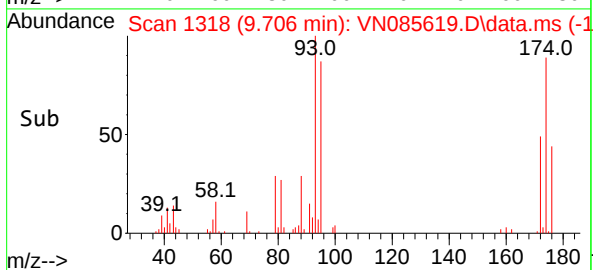
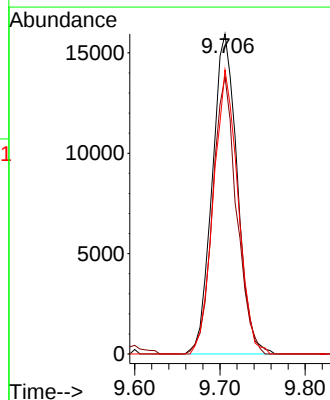
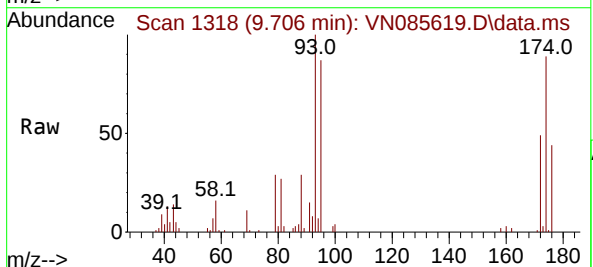
Manual Integrations
APPROVED

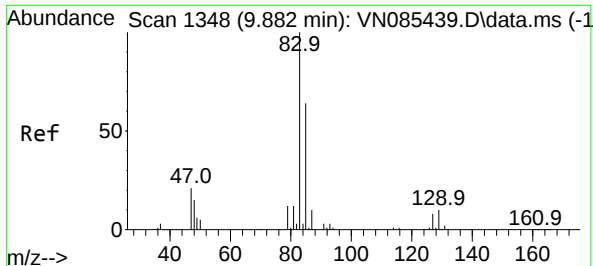
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#46
Dibromomethane
Concen: 18.464 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.000 min
Lab File: VN085619.D
Acq: 03 Feb 2025 13:58

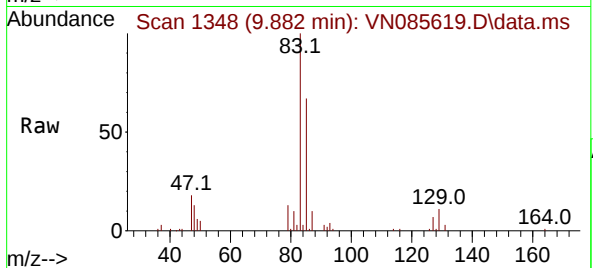
Tgt Ion: 93 Resp: 32561
Ion Ratio Lower Upper
93 100
95 82.8 64.7 97.1
174 86.8 69.0 103.4





#47
Bromodichloromethane
Concen: 19.139 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VN085619.D
Acq: 03 Feb 2025 13:58

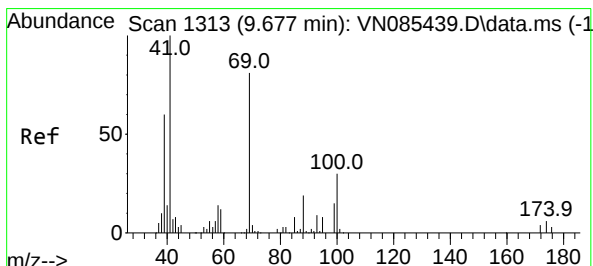
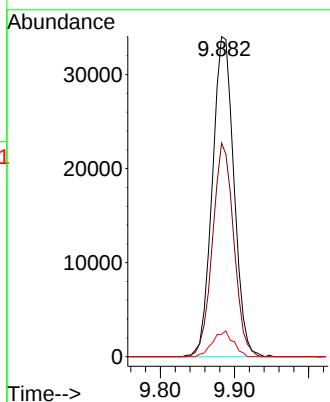
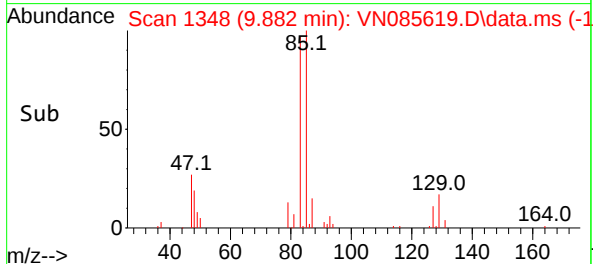
Instrument :
MSVOA_N
ClientSampleId :
VN0203WBS01



Tgt Ion: 83 Resp: 6876
Ion Ratio Lower Upper
83 100
85 66.8 51.2 76.8
127 7.0 6.5 9.7

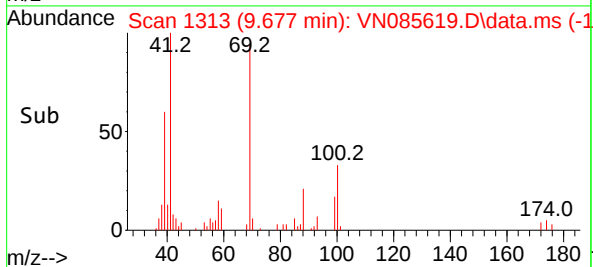
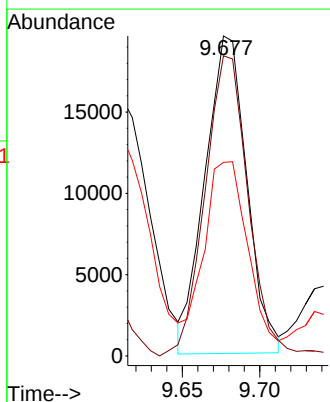
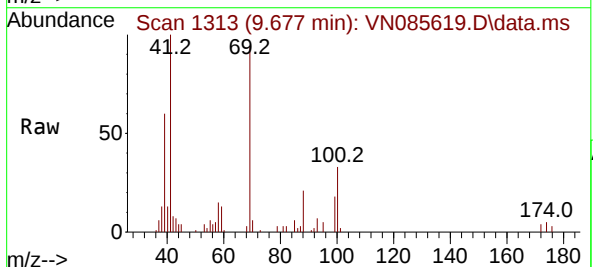
Manual Integrations
APPROVED

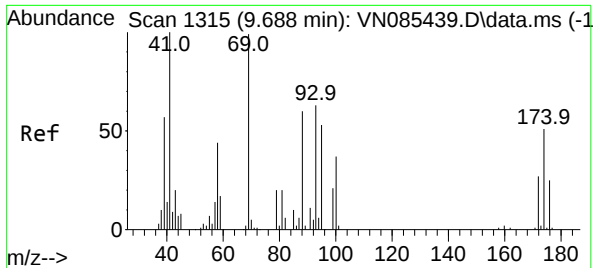
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#48
Methyl methacrylate
Concen: 15.797 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN085619.D
Acq: 03 Feb 2025 13:58

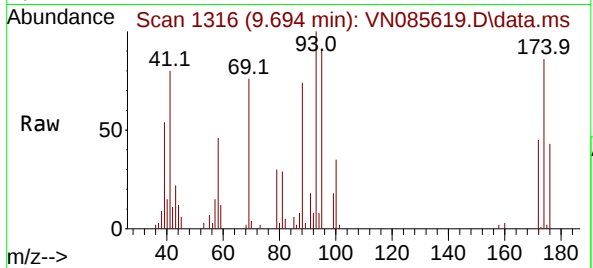
Tgt Ion: 41 Resp: 36614
Ion Ratio Lower Upper
41 100
69 98.0 64.7 97.1#
39 65.9 49.0 73.6





#49
1,4-Dioxane
Concen: 414.188 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.006 min
Lab File: VN085619.D
Acq: 03 Feb 2025 13:58

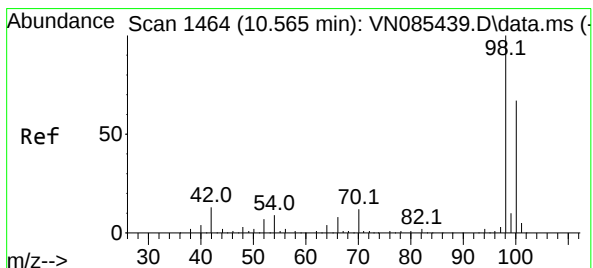
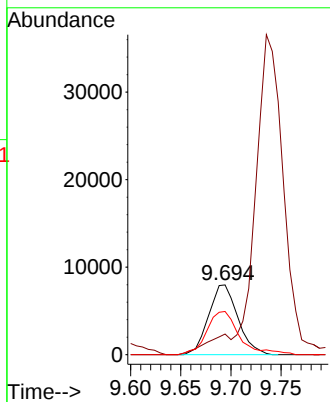
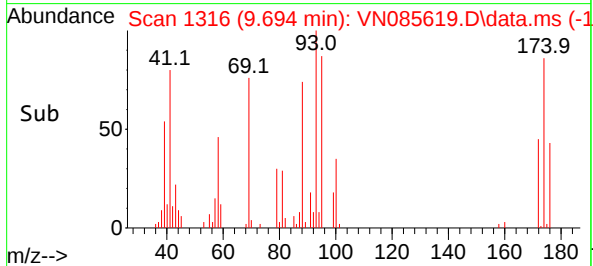
Instrument :
MSVOA_N
ClientSampleId :
VN0203WBS01



Tgt Ion: 88 Resp: 1616
Ion Ratio Lower Upper
88 100
43 0.0 26.6 39.8
58 69.0 59.5 89.3

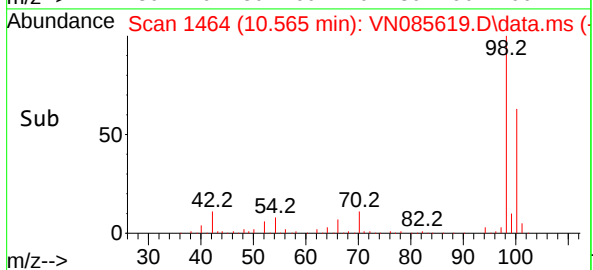
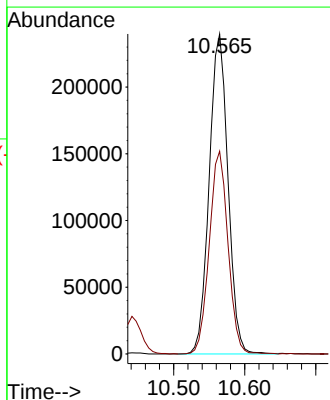
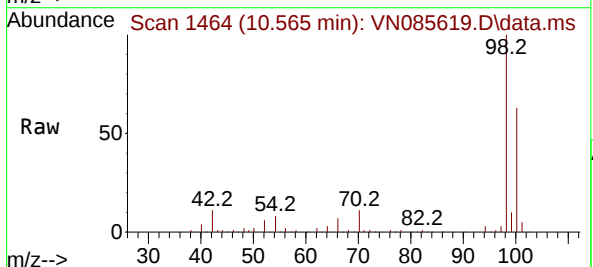
Manual Integrations
APPROVED

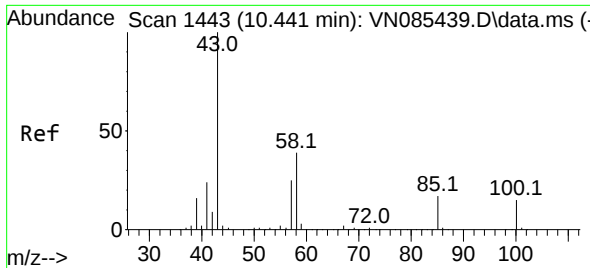
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#50
Toluene-d8
Concen: 54.582 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085619.D
Acq: 03 Feb 2025 13:58

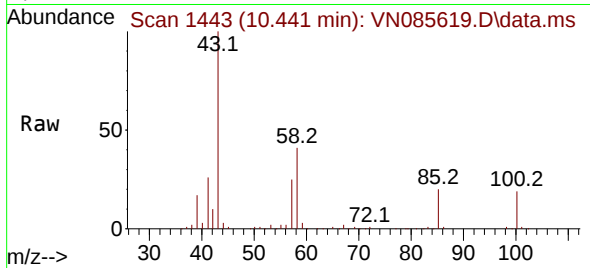
Tgt Ion: 98 Resp: 440013
Ion Ratio Lower Upper
98 100
100 63.1 52.2 78.4





#51
4-Methyl-2-Pentanone
Concen: 91.380 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085619.D
Acq: 03 Feb 2025 13:58

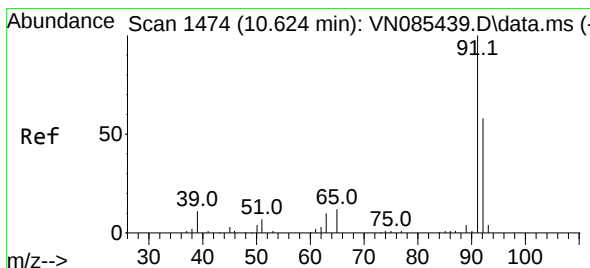
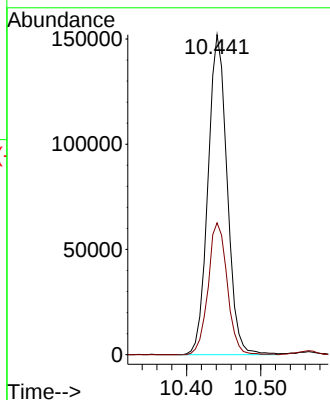
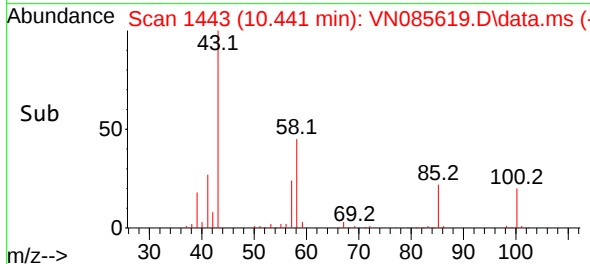
Instrument :
MSVOA_N
ClientSampleId :
VN0203WBS01



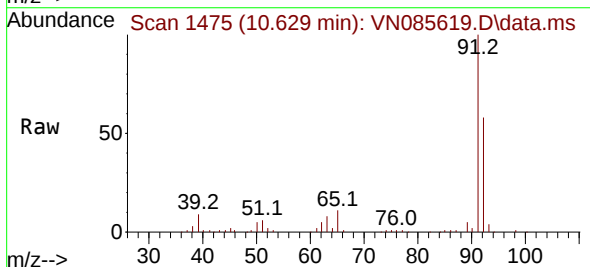
Tgt Ion: 43 Resp: 27310
Ion Ratio Lower Upper
43 100
58 41.1 30.5 45.7

Manual Integrations
APPROVED

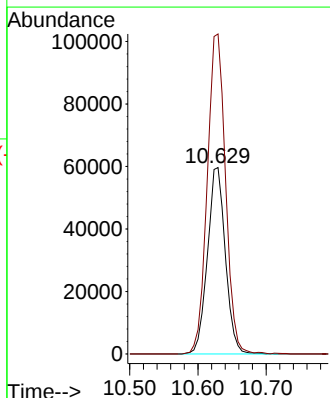
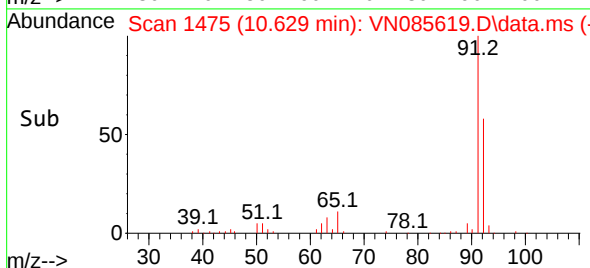
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025

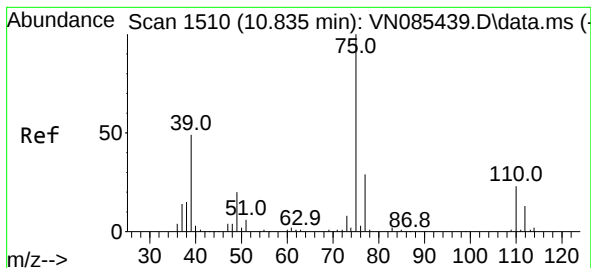


#52
Toluene
Concen: 19.678 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.005 min
Lab File: VN085619.D
Acq: 03 Feb 2025 13:58



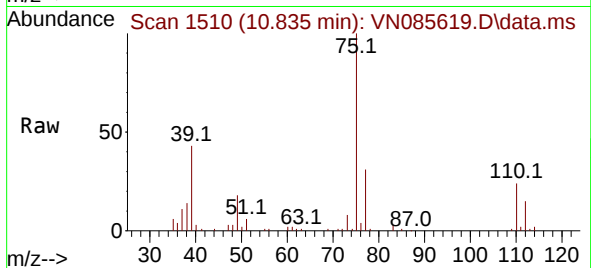
Tgt Ion: 92 Resp: 109097
Ion Ratio Lower Upper
92 100
91 175.1 139.2 208.8





#53
t-1,3-Dichloropropene
Concen: 18.846 ug/l
RT: 10.835 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085619.D
Acq: 03 Feb 2025 13:58

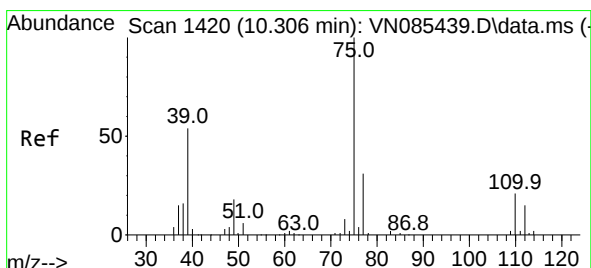
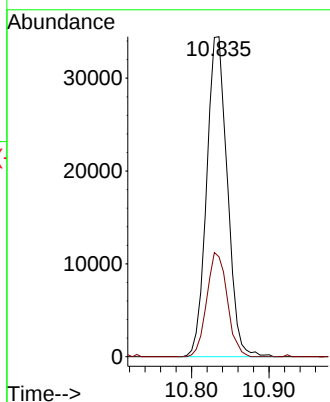
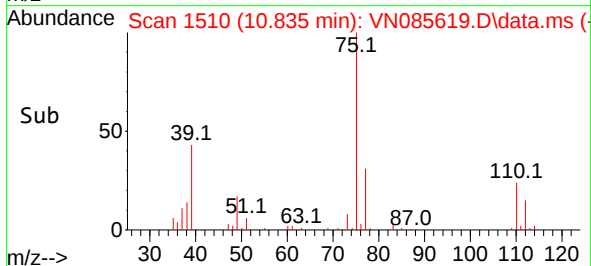
Instrument :
MSVOA_N
ClientSampleId :
VN0203WBS01



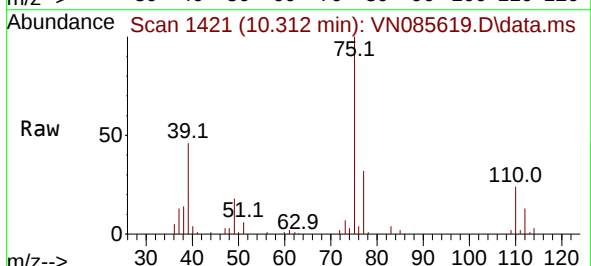
Tgt Ion: 75 Resp: 6398
Ion Ratio Lower Upper
75 100
77 31.2 23.5 35.3

Manual Integrations
APPROVED

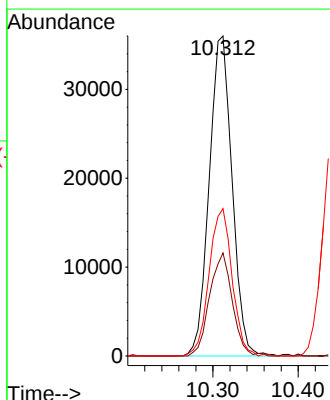
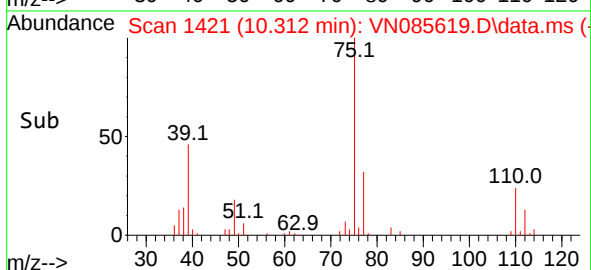
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025

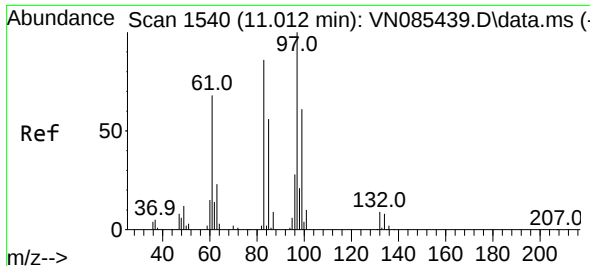


#54
cis-1,3-Dichloropropene
Concen: 18.516 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.006 min
Lab File: VN085619.D
Acq: 03 Feb 2025 13:58



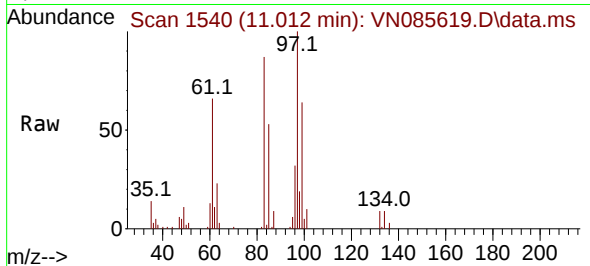
Tgt Ion: 75 Resp: 67151
Ion Ratio Lower Upper
75 100
77 32.2 25.0 37.4
39 46.0 43.1 64.7





#55
1,1,2-Trichloroethane
Concen: 20.411 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN085619.D
Acq: 03 Feb 2025 13:58

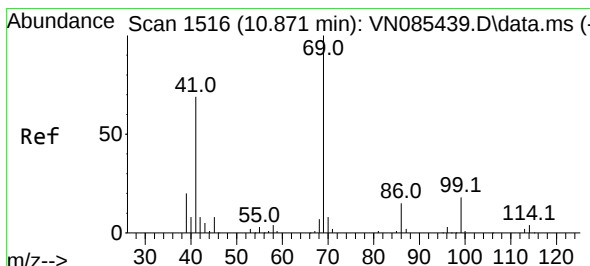
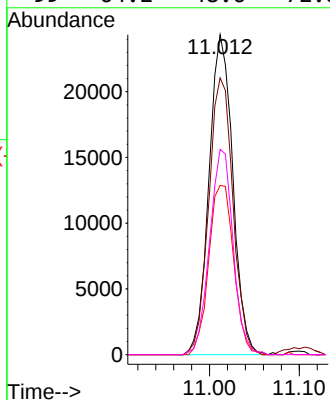
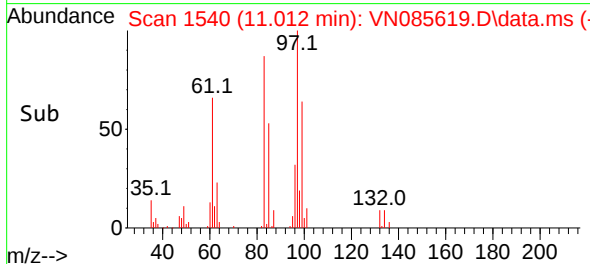
Instrument : MSVOA_N
ClientSampleId : VN0203WBS01



Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.5	69.0	103.6
85	52.9	44.6	66.8
99	64.2	48.6	72.8

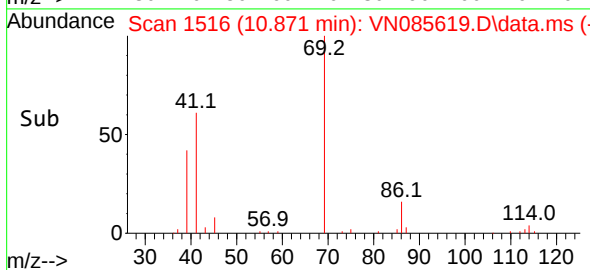
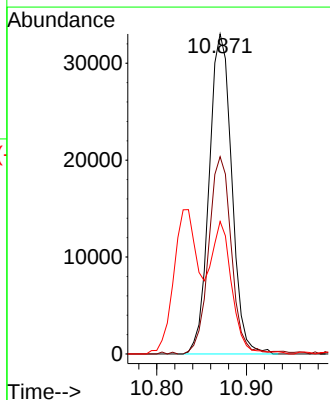
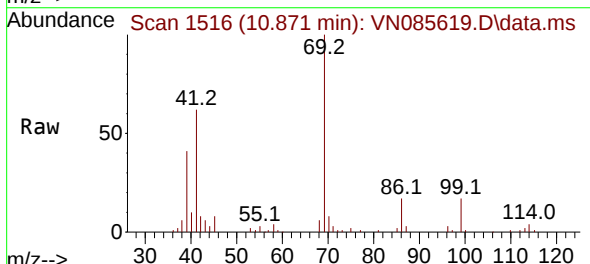
Manual Integrations
APPROVED

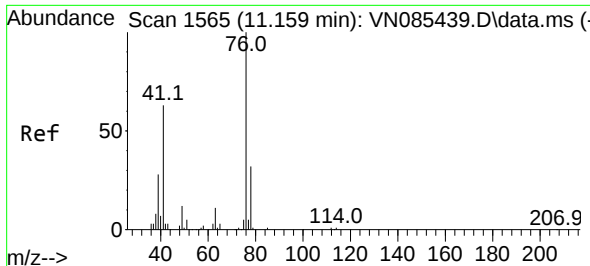
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#56
Ethyl methacrylate
Concen: 16.950 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN085619.D
Acq: 03 Feb 2025 13:58

Tgt Ion	Ratio	Lower	Upper
69	100		
41	61.7	54.6	82.0
39	38.4	32.4	48.6





#57

1,3-Dichloropropane

Concen: 19.419 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. -0.000 min

Lab File: VN085619.D

Acq: 03 Feb 2025 13:58

Instrument :

MSVOA_N

ClientSampleId :

VN0203WBS01

Tgt Ion: 76 Resp: 7408

Ion Ratio Lower Upper

76 100

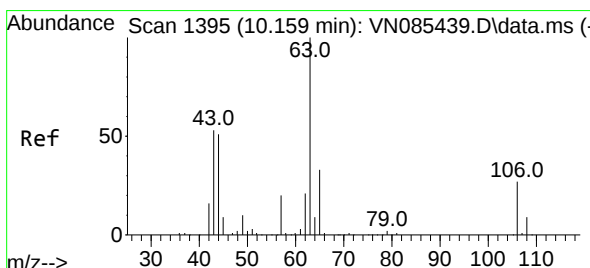
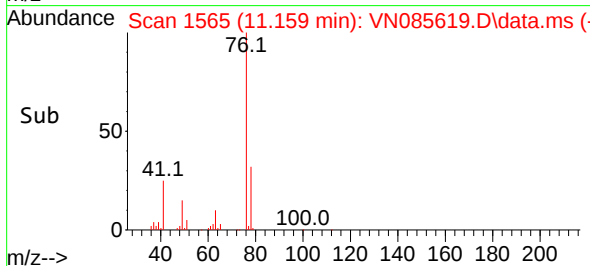
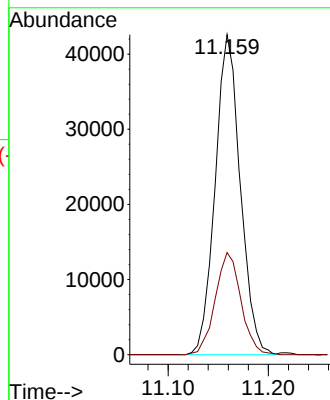
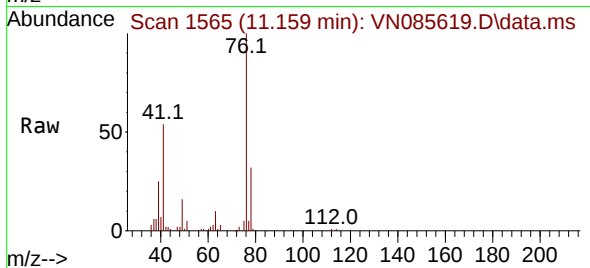
78 32.6 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/04/2025

Supervised By :Mahesh Dadoda 02/04/2025



#58

2-Chloroethyl Vinyl ether

Concen: 75.342 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN085619.D

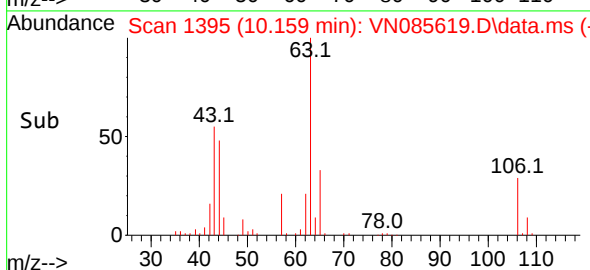
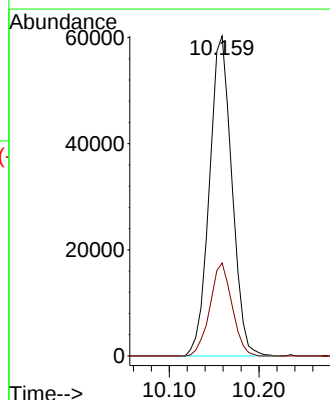
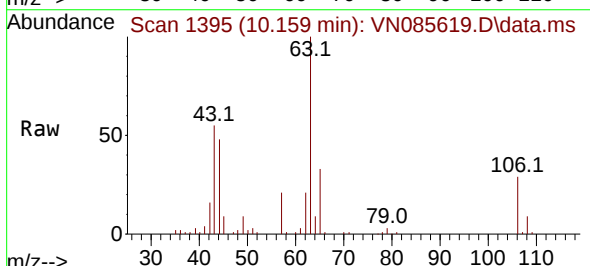
Acq: 03 Feb 2025 13:58

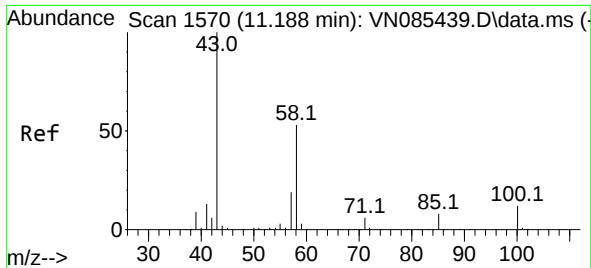
Tgt Ion: 63 Resp: 104900

Ion Ratio Lower Upper

63 100

106 28.6 21.6 32.4





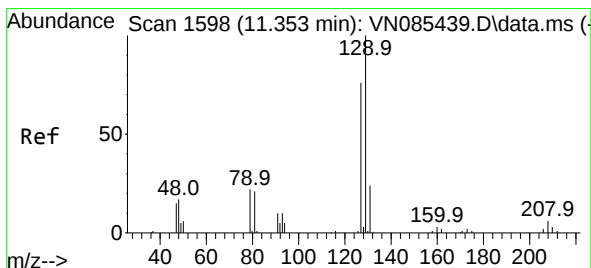
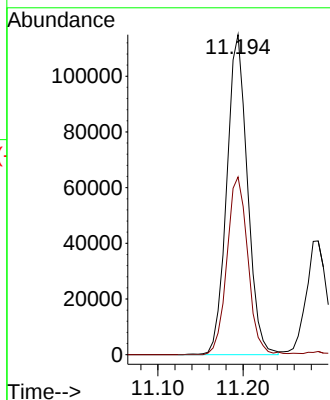
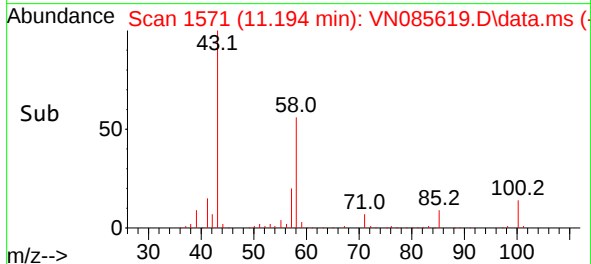
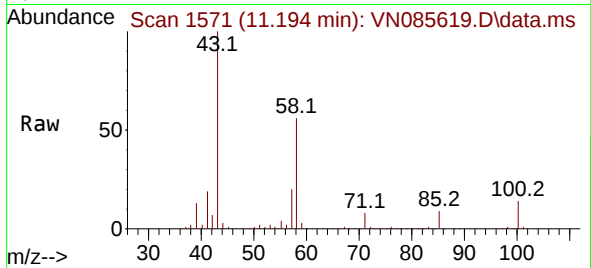
#59
2-Hexanone
Concen: 92.067 ug/l
RT: 11.194 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VN085619.D
Acq: 03 Feb 2025 13:58

Instrument :
MSVOA_N
ClientSampleId :
VN0203WBS01

Tgt Ion: 43 Resp: 193608
Ion Ratio Lower Upper
43 100
58 56.1 26.2 78.6

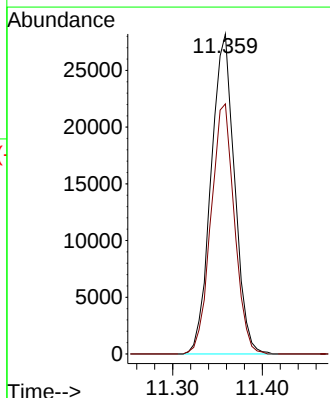
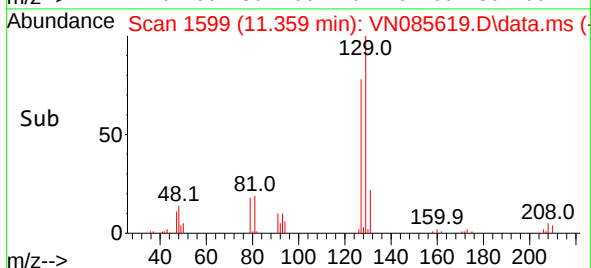
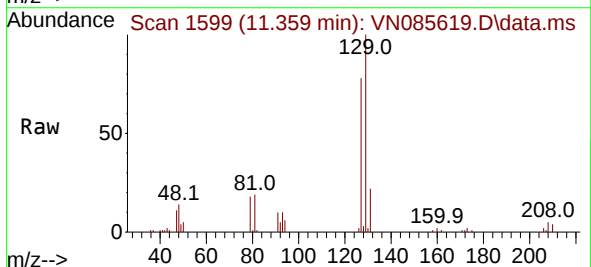
Manual Integrations
APPROVED

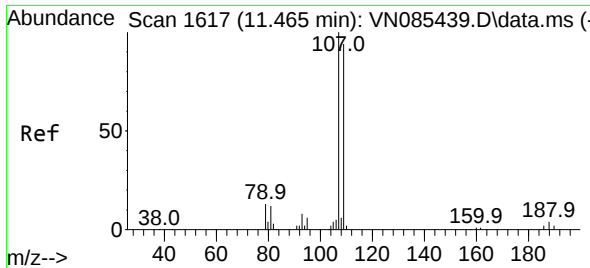
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#60
Dibromochloromethane
Concen: 19.353 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VN085619.D
Acq: 03 Feb 2025 13:58

Tgt Ion:129 Resp: 51263
Ion Ratio Lower Upper
129 100
127 77.7 38.6 115.8





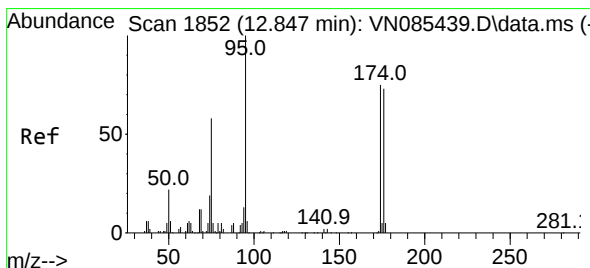
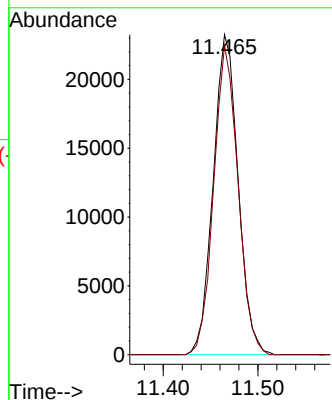
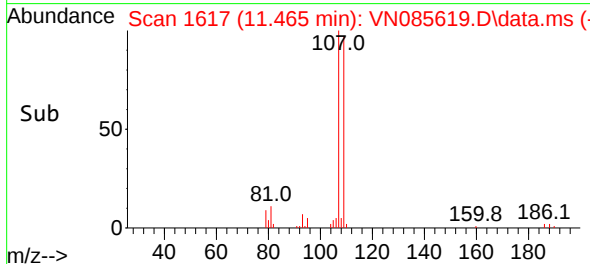
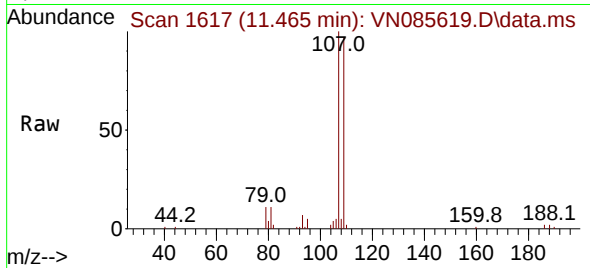
#61
1,2-Dibromoethane
Concen: 19.486 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN085619.D
Acq: 03 Feb 2025 13:58

Instrument :
MSVOA_N
ClientSampleId :
VN0203WBS01

Tgt Ion:107 Resp: 42550
Ion Ratio Lower Upper
107 100
109 94.1 75.9 113.9

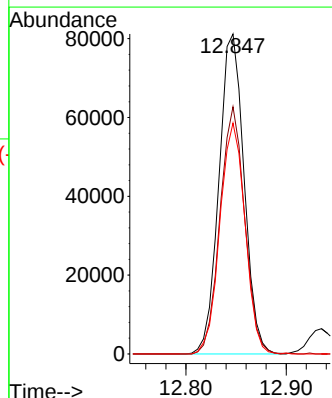
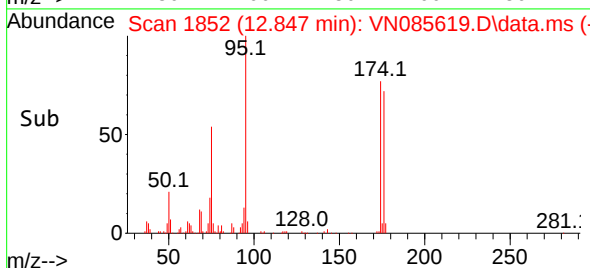
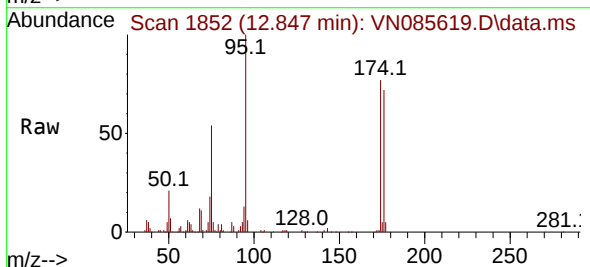
Manual Integrations
APPROVED

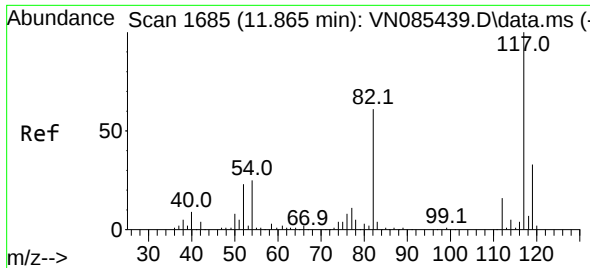
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#62
4-Bromofluorobenzene
Concen: 51.128 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085619.D
Acq: 03 Feb 2025 13:58

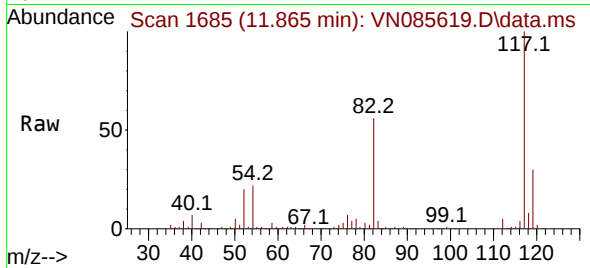
Tgt Ion: 95 Resp: 140993
Ion Ratio Lower Upper
95 100
174 76.0 0.0 145.0
176 72.1 0.0 142.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN085619.D
Acq: 03 Feb 2025 13:58

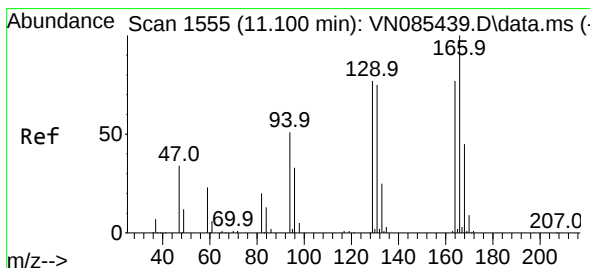
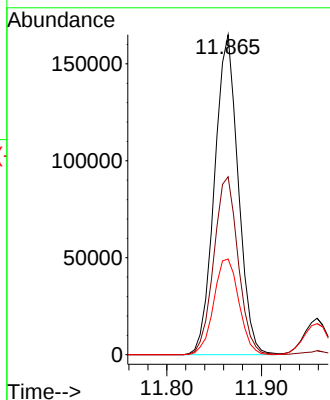
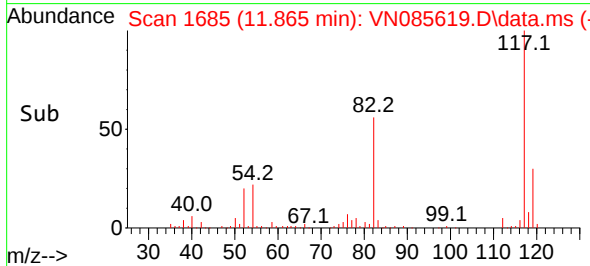
Instrument :
MSVOA_N
ClientSampleId :
VN0203WBS01



Tgt Ion:117 Resp: 28724
Ion Ratio Lower Upper
117 100
82 55.6 48.6 72.8
119 29.9 26.6 39.8

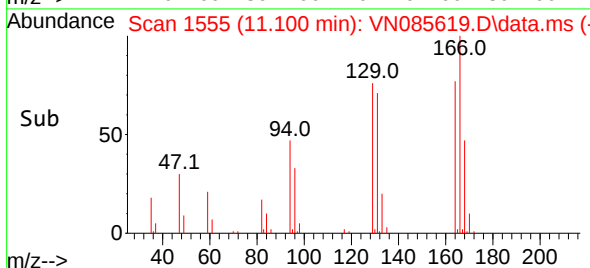
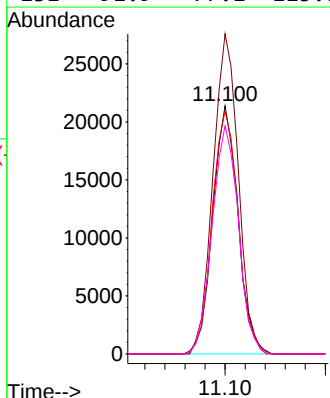
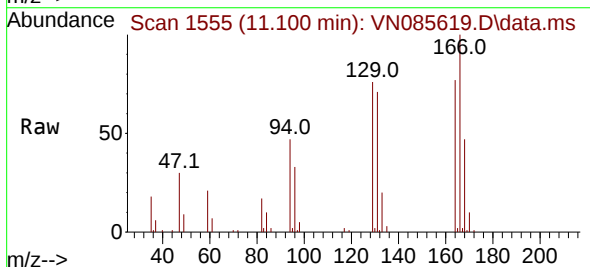
Manual Integrations
APPROVED

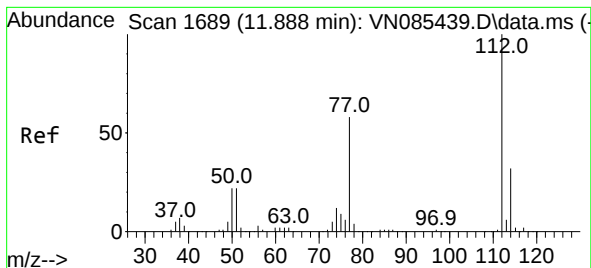
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#64
Tetrachloroethene
Concen: 19.160 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN085619.D
Acq: 03 Feb 2025 13:58

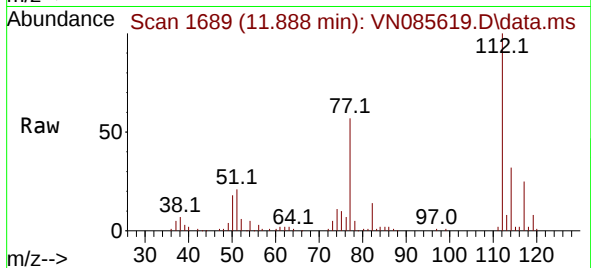
Tgt Ion:164 Resp: 37520
Ion Ratio Lower Upper
164 100
166 129.0 103.4 155.2
129 98.0 79.2 118.8
131 91.9 77.1 115.7





#65
Chlorobenzene
Concen: 19.005 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN085619.D
Acq: 03 Feb 2025 13:58

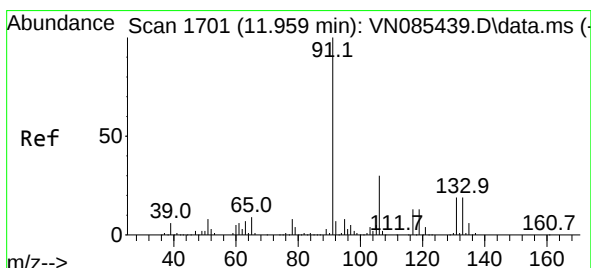
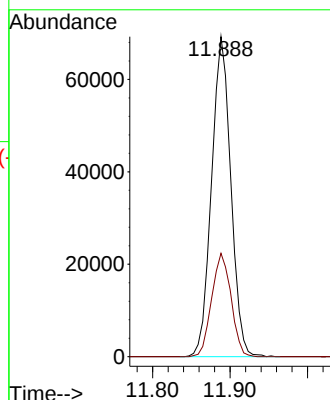
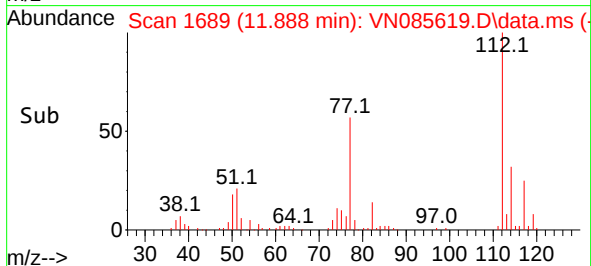
Instrument :
MSVOA_N
ClientSampleId :
VN0203WBS01



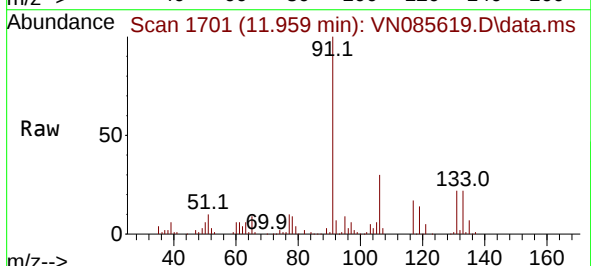
Tgt Ion:112 Resp: 11959
Ion Ratio Lower Upper
112 100
114 32.3 25.3 37.9

Manual Integrations
APPROVED

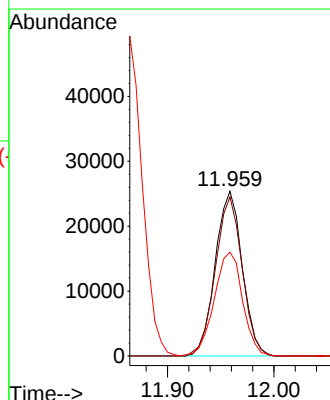
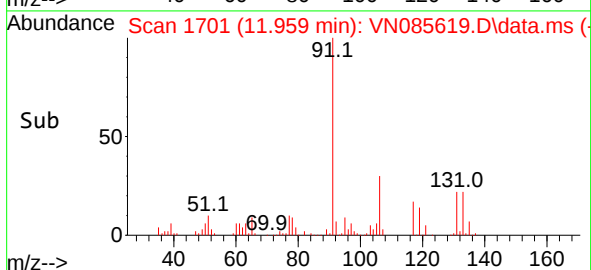
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025

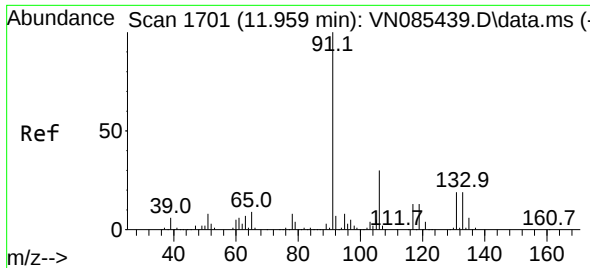


#66
1,1,1,2-Tetrachloroethane
Concen: 19.291 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085619.D
Acq: 03 Feb 2025 13:58



Tgt Ion:131 Resp: 44553
Ion Ratio Lower Upper
131 100
133 96.0 47.4 142.3
119 66.2 33.1 99.5





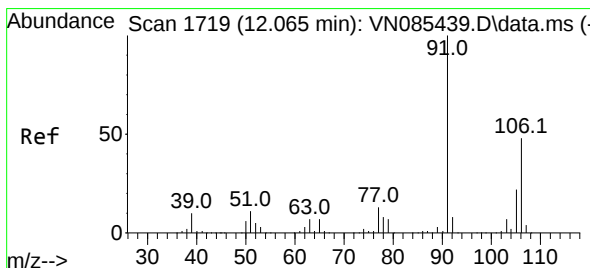
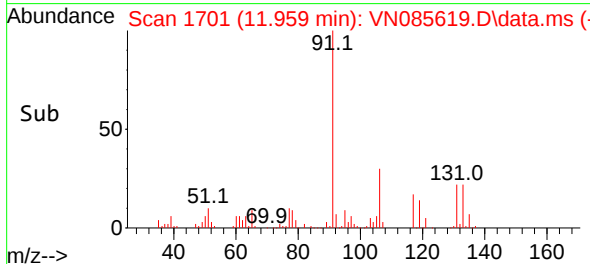
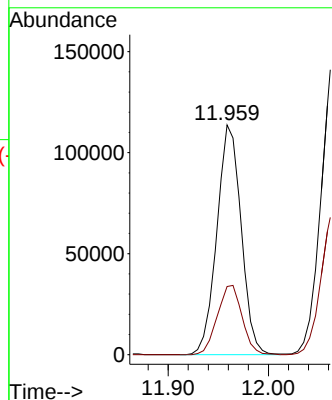
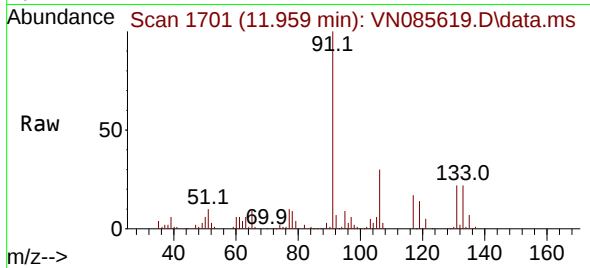
#67
Ethyl Benzene
Concen: 18.656 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085619.D
Acq: 03 Feb 2025 13:58

Instrument :
MSVOA_N
ClientSampleId :
VN0203WBS01

Tgt Ion: 91 Resp: 191200
Ion Ratio Lower Upper
91 100
106 29.7 23.8 35.8

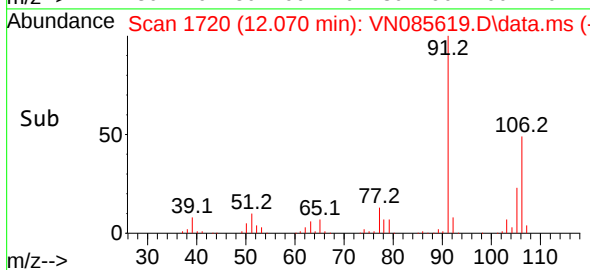
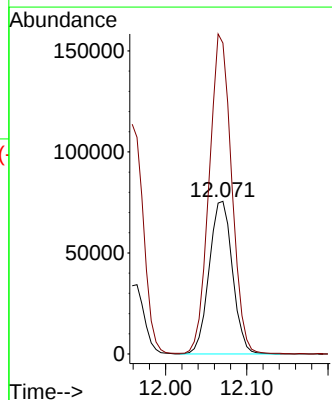
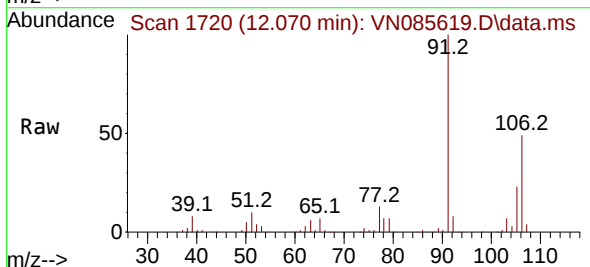
Manual Integrations
APPROVED

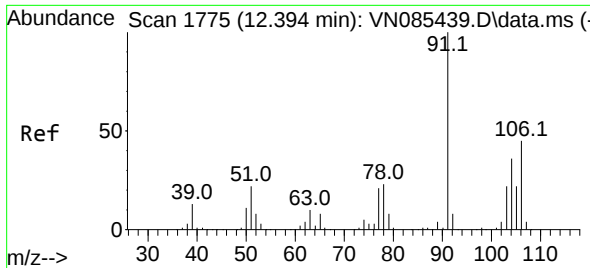
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#68
m/p-Xylenes
Concen: 39.785 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN085619.D
Acq: 03 Feb 2025 13:58

Tgt Ion:106 Resp: 150700
Ion Ratio Lower Upper
106 100
91 202.7 167.7 251.5





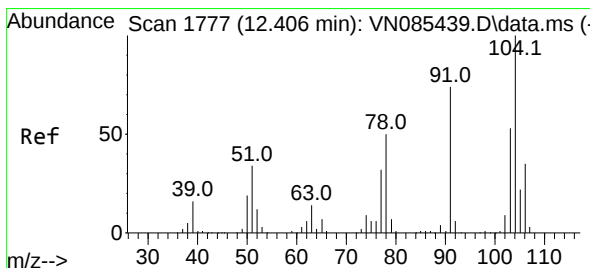
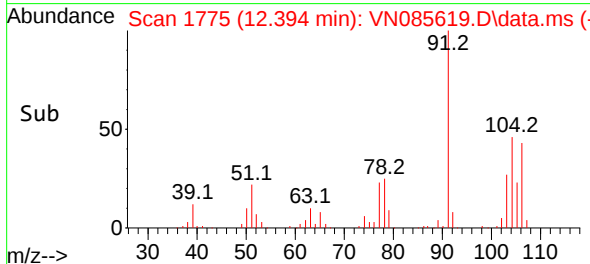
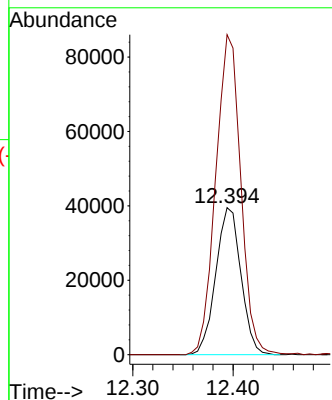
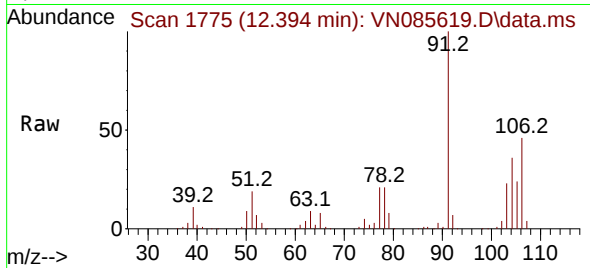
#69
o-Xylene
Concen: 18.994 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN085619.D
Acq: 03 Feb 2025 13:58

Instrument :
MSVOA_N
ClientSampleId :
VN0203WBS01

Tgt Ion:106 Resp: 68750
Ion Ratio Lower Upper
106 100
91 217.4 110.4 331.2

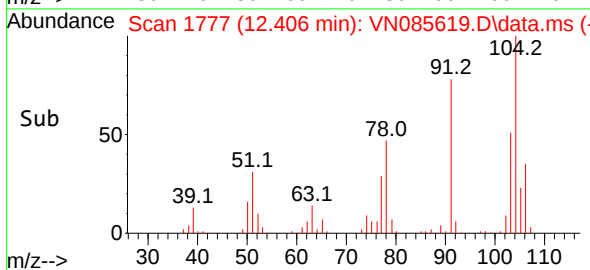
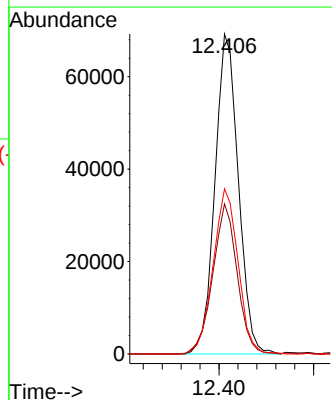
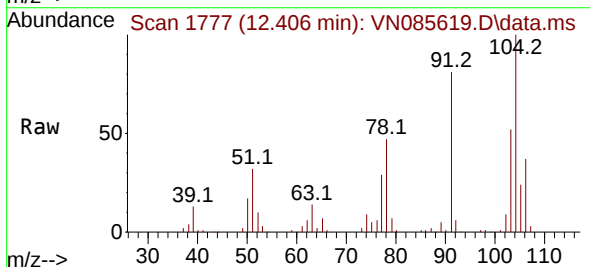
Manual Integrations
APPROVED

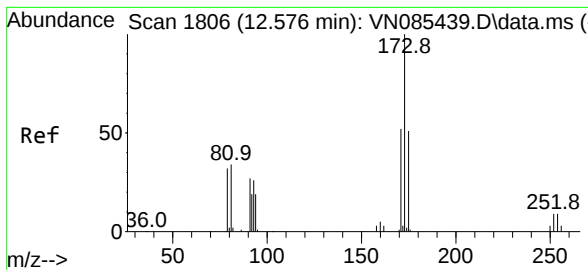
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#70
Styrene
Concen: 19.827 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN085619.D
Acq: 03 Feb 2025 13:58

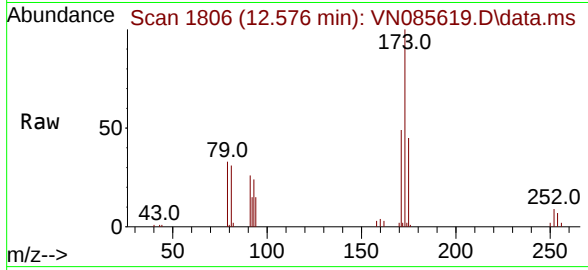
Tgt Ion:104 Resp: 118783
Ion Ratio Lower Upper
104 100
78 48.8 42.5 63.7
103 55.0 43.8 65.8





#71
Bromoform
Concen: 20.183 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN085619.D
Acq: 03 Feb 2025 13:58

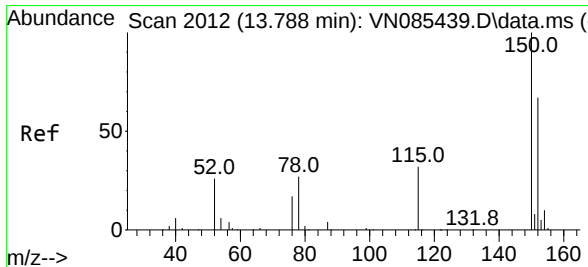
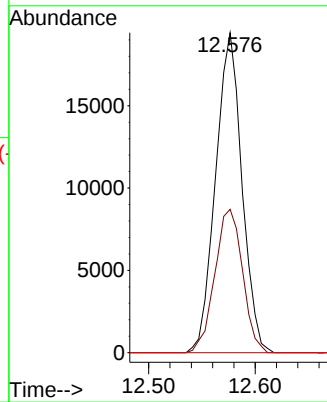
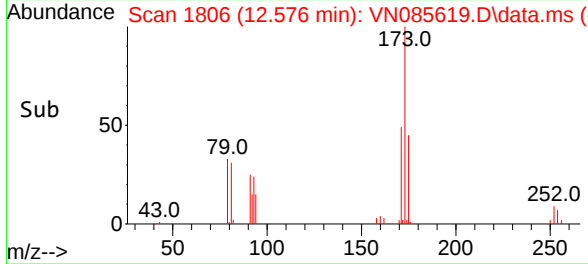
Instrument :
MSVOA_N
ClientSampleId :
VN0203WBS01



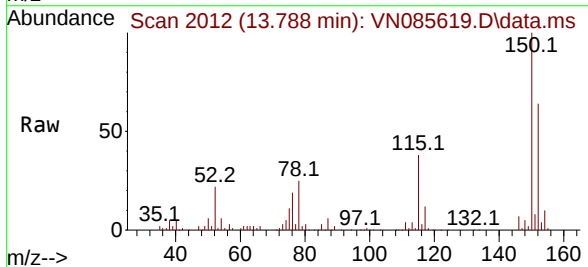
Tgt Ion:173 Resp: 33352
Ion Ratio Lower Upper
173 100
175 47.2 24.4 73.2
254 0.0 0.0 0.0

Manual Integrations
APPROVED

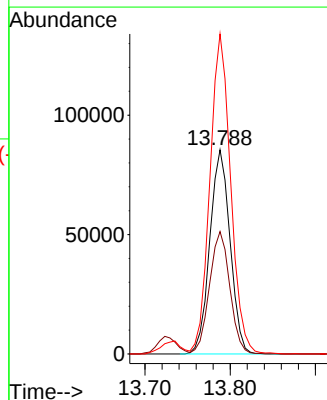
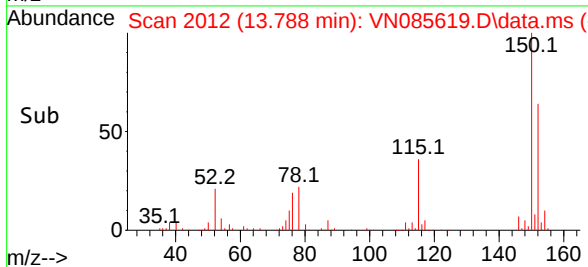
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025

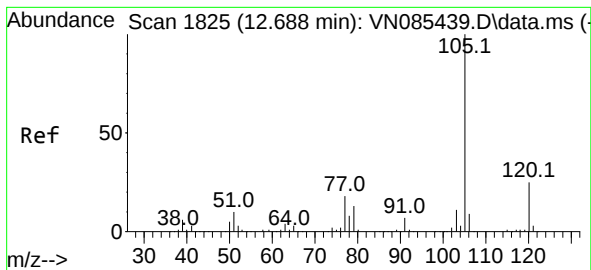


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085619.D
Acq: 03 Feb 2025 13:58



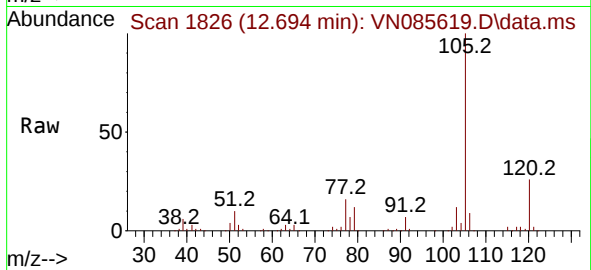
Tgt Ion:152 Resp: 141185
Ion Ratio Lower Upper
152 100
115 60.3 31.1 93.3
150 160.4 0.0 343.6





#73
Isopropylbenzene
Concen: 18.416 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN085619.D
Acq: 03 Feb 2025 13:58

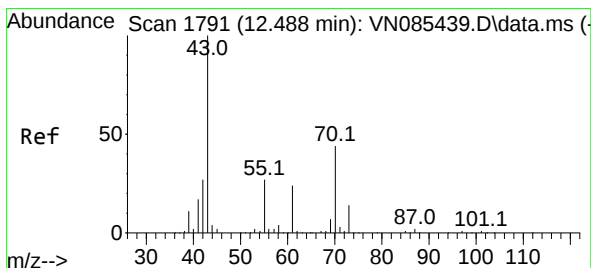
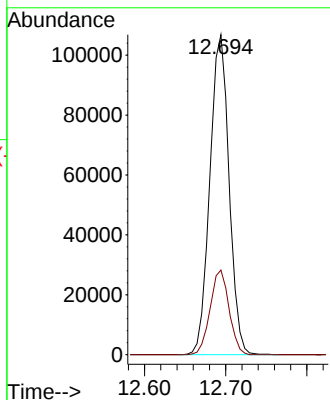
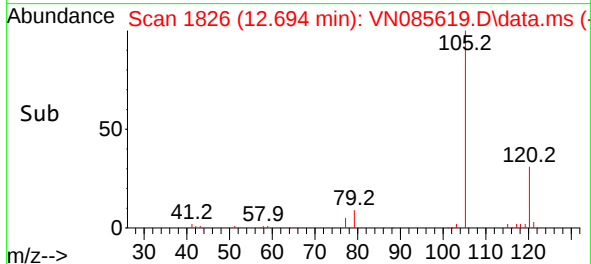
Instrument :
MSVOA_N
ClientSampleId :
VN0203WBS01



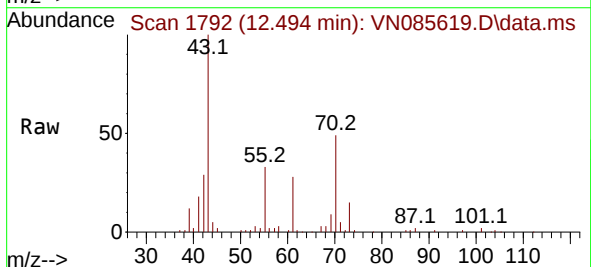
Tgt Ion:105 Resp: 175479
Ion Ratio Lower Upper
105 100
120 26.0 12.8 38.3

Manual Integrations
APPROVED

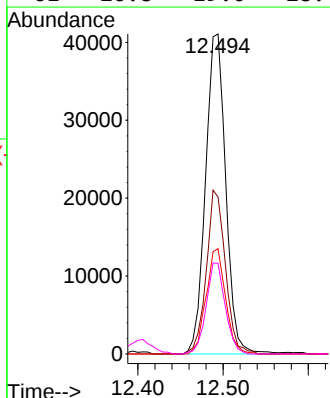
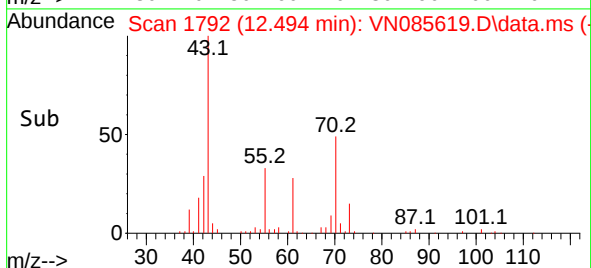
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025

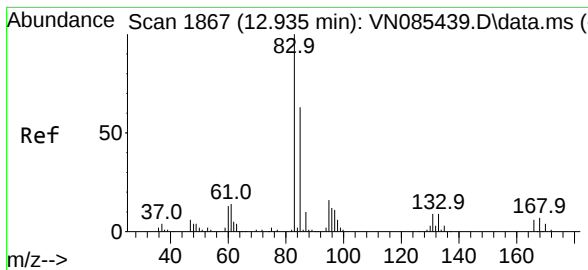


#74
N-ethyl acetate
Concen: 15.799 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VN085619.D
Acq: 03 Feb 2025 13:58



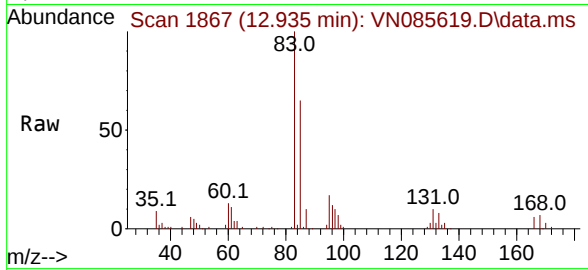
Tgt Ion: 43 Resp: 67669
Ion Ratio Lower Upper
43 100
70 48.3 34.0 51.0
55 31.8 21.4 32.2
61 26.8 19.0 28.4





#75
1,1,2,2-Tetrachloroethane
Concen: 19.691 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN085619.D
Acq: 03 Feb 2025 13:58

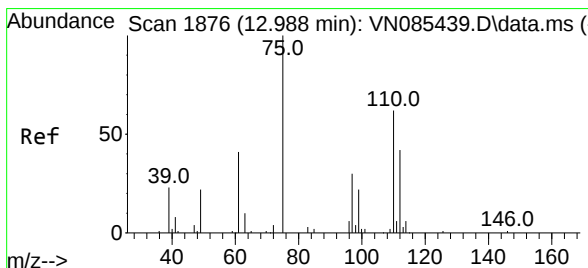
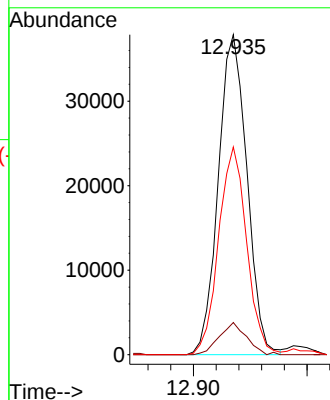
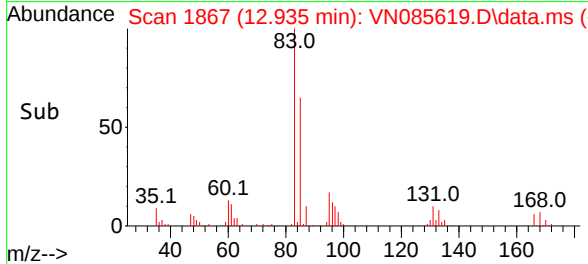
Instrument :
MSVOA_N
ClientSampleId :
VN0203WBS01



Tgt Ion: 83 Resp: 66278
Ion Ratio Lower Upper
83 100
131 9.6 4.8 14.4
85 63.5 32.2 96.6

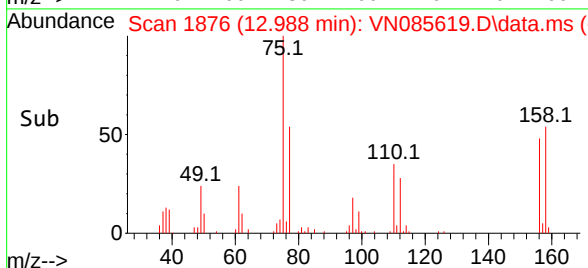
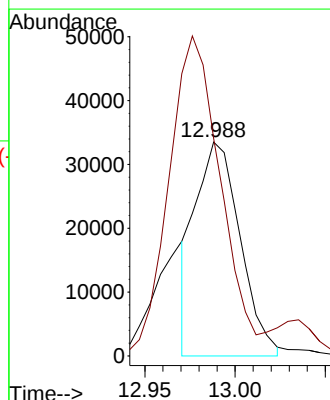
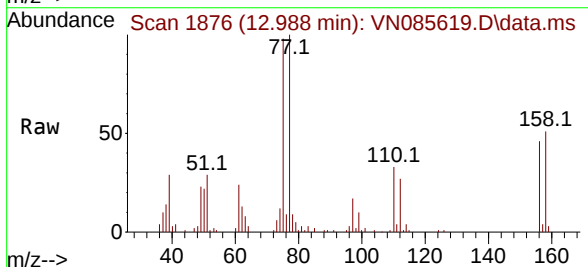
Manual Integrations
APPROVED

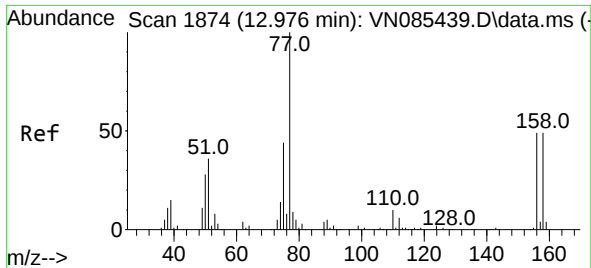
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#76
1,2,3-Trichloropropane
Concen: 20.108 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN085619.D
Acq: 03 Feb 2025 13:58

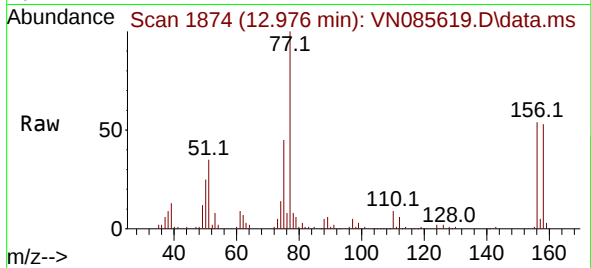
Tgt Ion: 75 Resp: 57701
Ion Ratio Lower Upper
75 100
77 174.2 109.7 329.2





#77
Bromobenzene
Concen: 18.357 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN085619.D
Acq: 03 Feb 2025 13:58

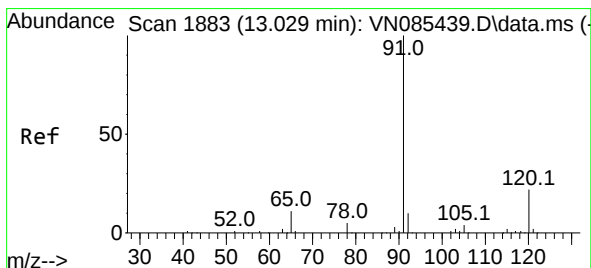
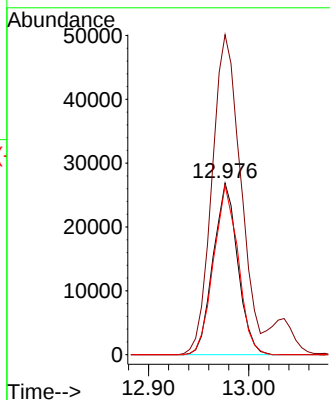
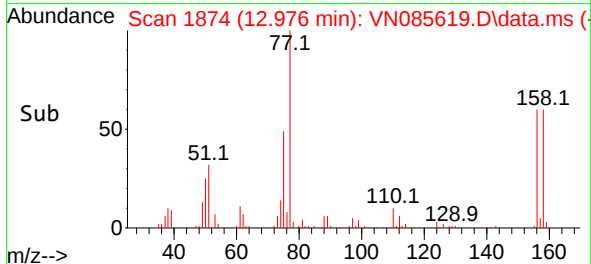
Instrument :
MSVOA_N
ClientSampleId :
VN0203WBS01



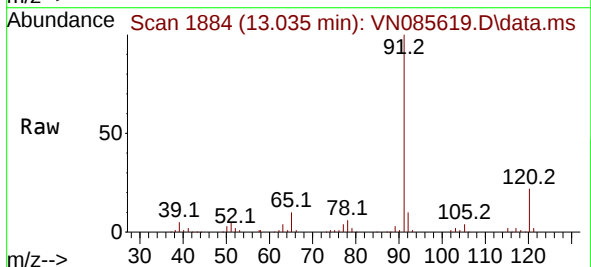
Tgt Ion:156 Resp: 4570
Ion Ratio Lower Upper
156 100
77 219.9 114.1 342.4
158 98.9 48.9 146.8

Manual Integrations
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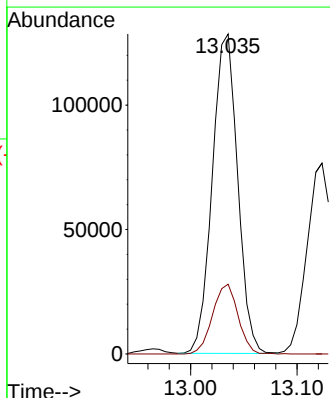
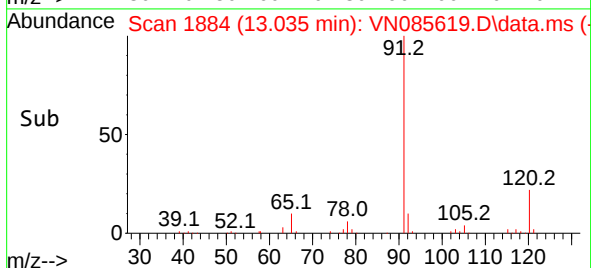
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025

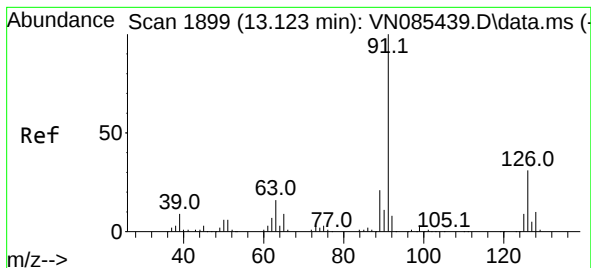


#78
n-propylbenzene
Concen: 18.808 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN085619.D
Acq: 03 Feb 2025 13:58



Tgt Ion: 91 Resp: 212161
Ion Ratio Lower Upper
91 100
120 21.9 10.9 32.6





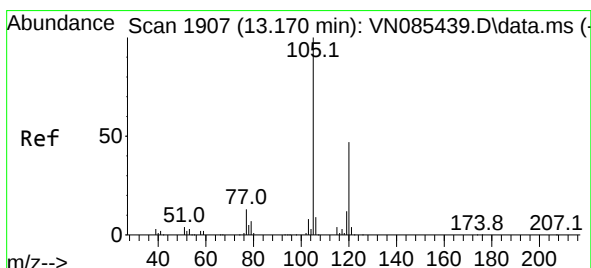
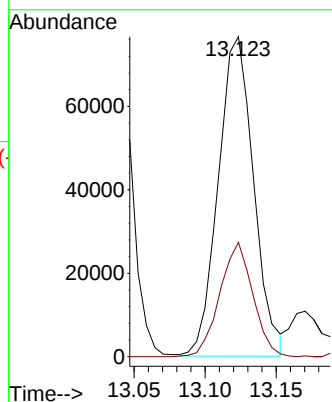
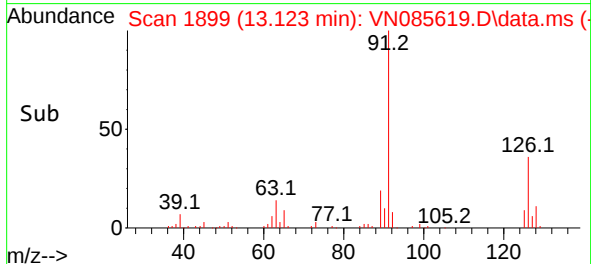
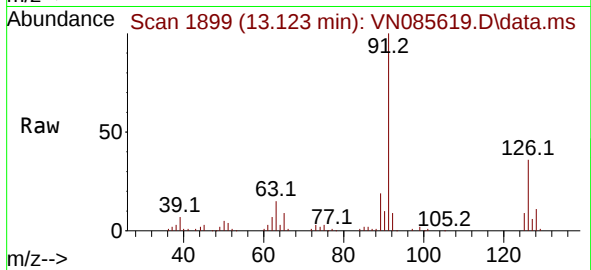
#79
2-Chlorotoluene
Concen: 18.149 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN085619.D
Acq: 03 Feb 2025 13:58

Instrument :
MSVOA_N
ClientSampleId :
VN0203WBS01

Tgt Ion: 91 Resp: 13250
Ion Ratio Lower Upper
91 100
126 33.4 15.7 47.1

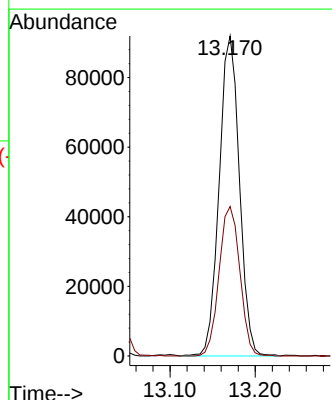
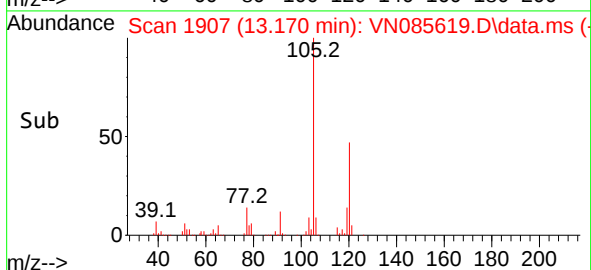
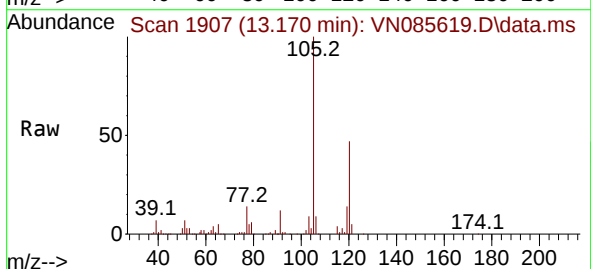
Manual Integrations
APPROVED

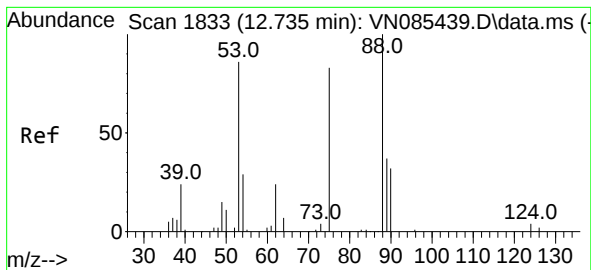
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#80
1,3,5-Trimethylbenzene
Concen: 19.282 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN085619.D
Acq: 03 Feb 2025 13:58

Tgt Ion:105 Resp: 151767
Ion Ratio Lower Upper
105 100
120 47.9 23.9 71.7





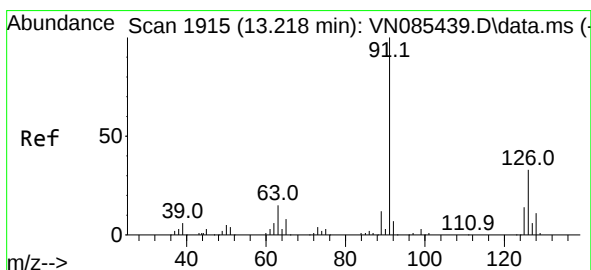
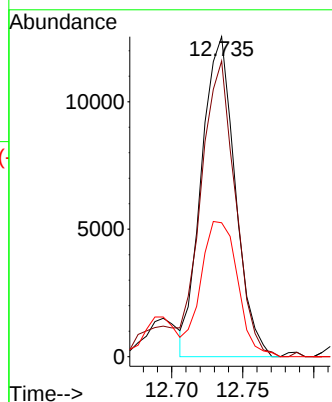
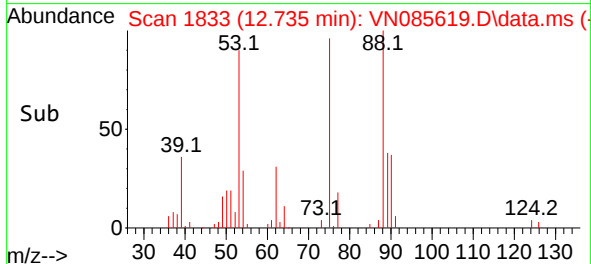
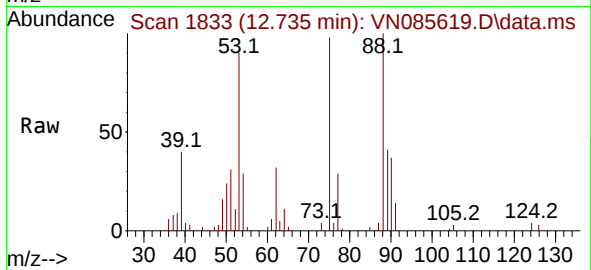
#81
trans-1,4-Dichloro-2-butene
Concen: 19.452 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN085619.D
Acq: 03 Feb 2025 13:58

Instrument :
MSVOA_N
ClientSampleId :
VN0203WBS01

Tgt Ion: 75 Resp: 2063
Ion Ratio Lower Upper
75 100
53 104.9 95.6 143.4
89 46.4 37.0 55.6

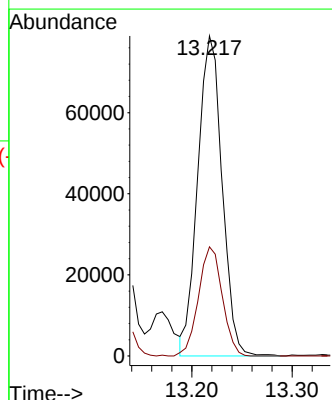
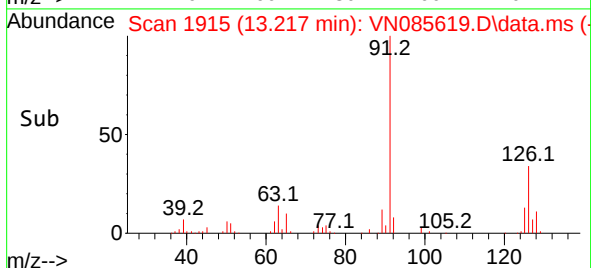
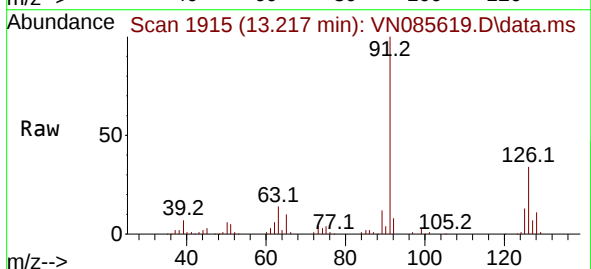
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#82
4-Chlorotoluene
Concen: 18.365 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN085619.D
Acq: 03 Feb 2025 13:58

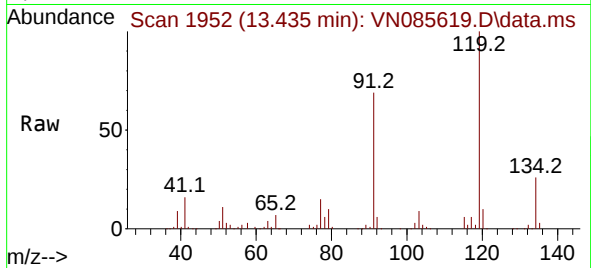
Tgt Ion: 91 Resp: 133497
Ion Ratio Lower Upper
91 100
126 33.2 15.9 47.7





#83
tert-Butylbenzene
Concen: 18.381 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN085619.D
Acq: 03 Feb 2025 13:58

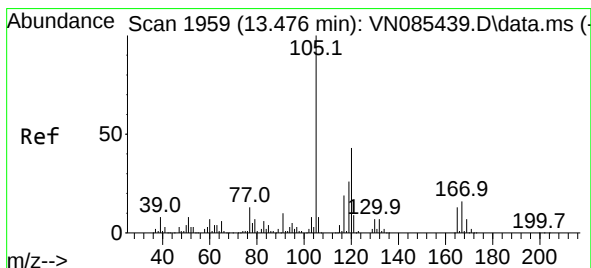
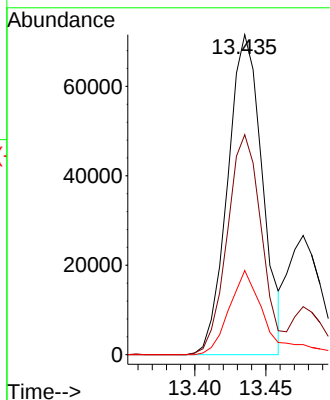
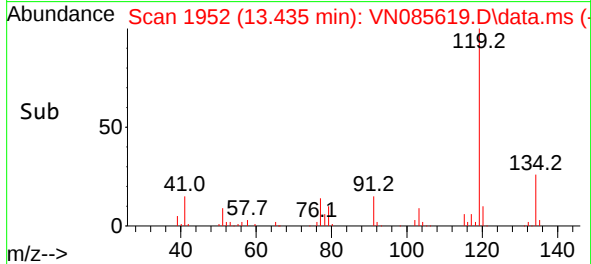
Instrument :
MSVOA_N
ClientSampleId :
VN0203WBS01



Tgt Ion:119 Resp: 12149
Ion Ratio Lower Upper
119 100
91 68.9 35.1 105.3
134 27.2 12.0 36.1

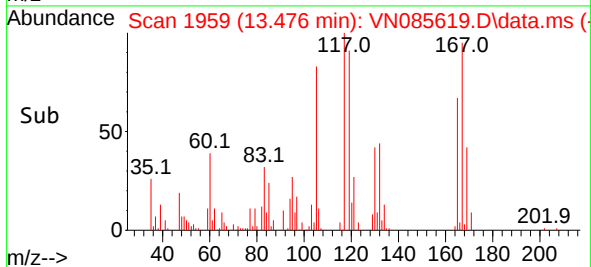
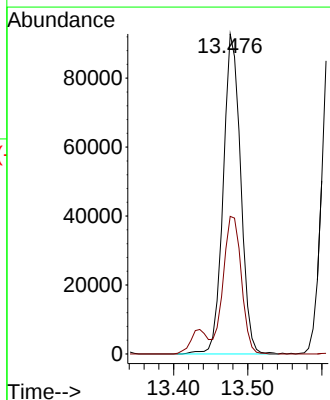
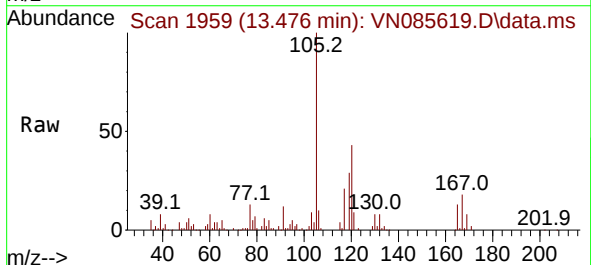
Manual Integrations
APPROVED

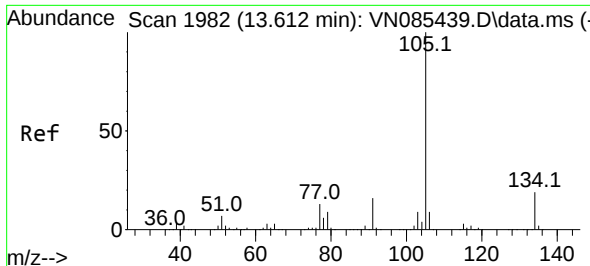
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#84
1,2,4-Trimethylbenzene
Concen: 19.303 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.000 min
Lab File: VN085619.D
Acq: 03 Feb 2025 13:58

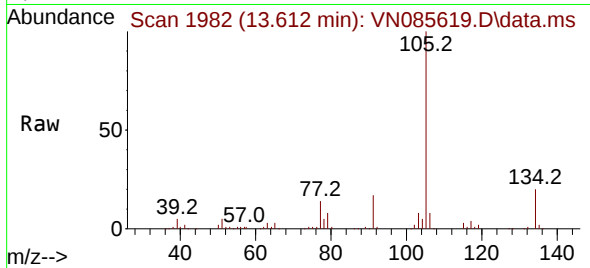
Tgt Ion:105 Resp: 151424
Ion Ratio Lower Upper
105 100
120 45.3 21.6 65.0





#85
 sec-Butylbenzene
 Concen: 19.049 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN085619.D
 Acq: 03 Feb 2025 13:58

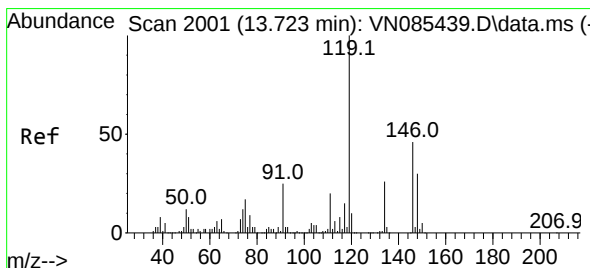
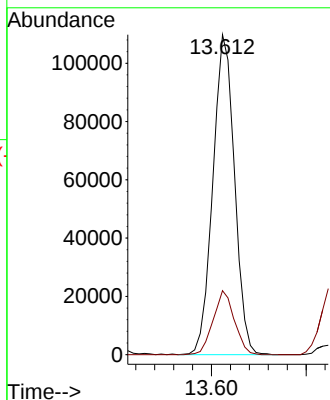
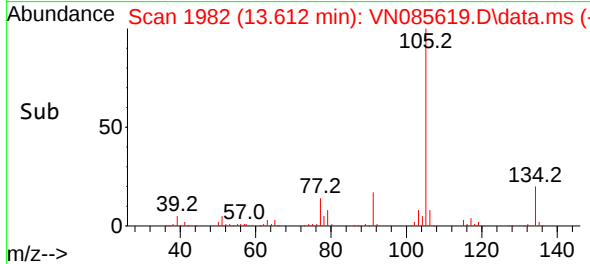
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0203WBS01



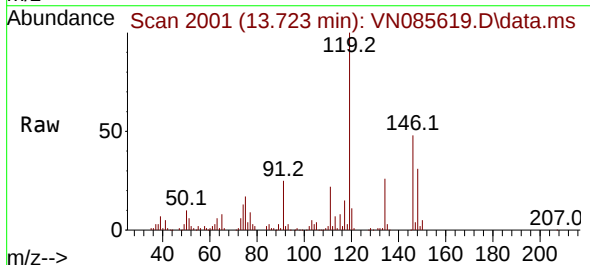
Tgt Ion:105 Resp: 174500
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.7 28.9

Manual Integrations
 APPROVED

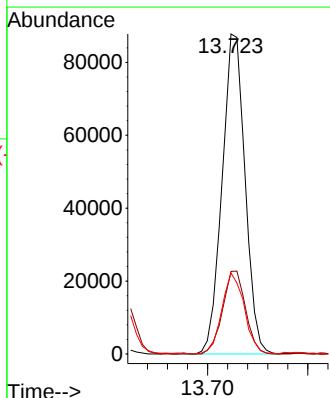
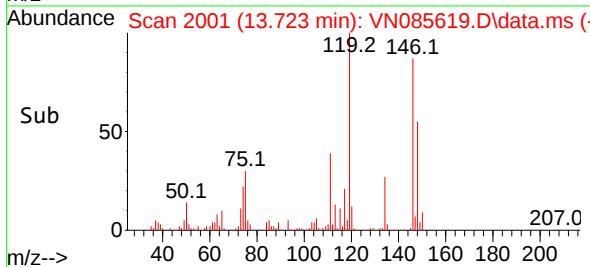
Reviewed By :John Carlone 02/04/2025
 Supervised By :Mahesh Dadoda 02/04/2025

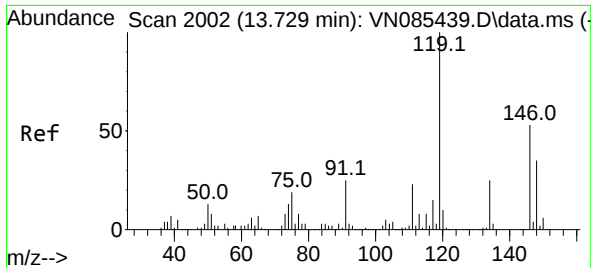


#86
 p-Isopropyltoluene
 Concen: 18.340 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. 0.000 min
 Lab File: VN085619.D
 Acq: 03 Feb 2025 13:58



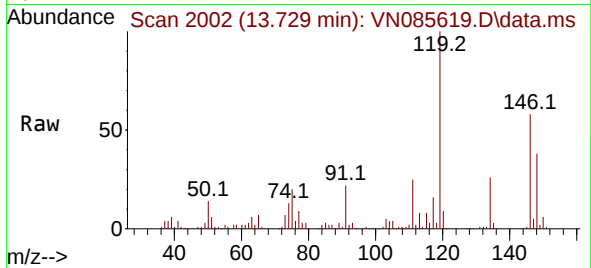
Tgt Ion:119 Resp: 139399
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.7 38.0
 91 24.7 12.7 38.1





#87
 1,3-Dichlorobenzene
 Concen: 18.208 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN085619.D
 Acq: 03 Feb 2025 13:58

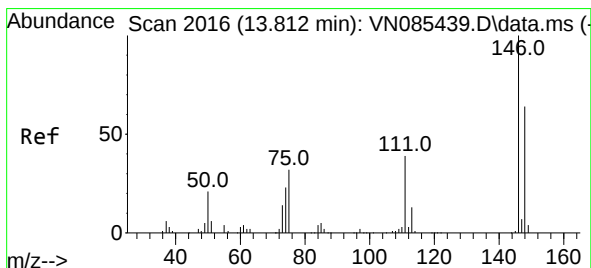
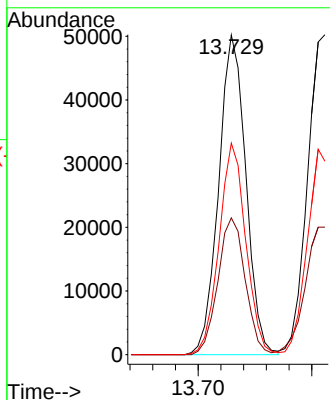
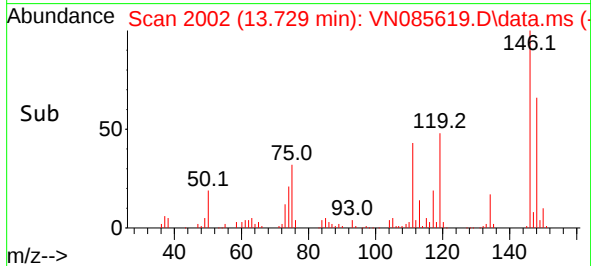
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0203WBS01



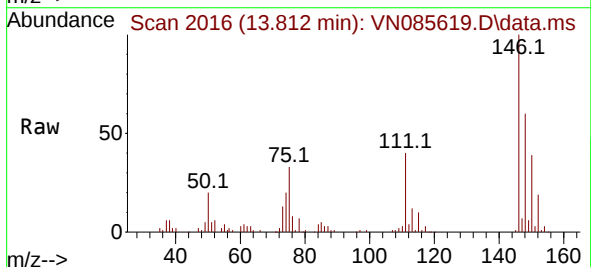
Tgt Ion:146 Resp: 83480
 Ion Ratio Lower Upper
 146 100
 111 43.0 21.4 64.3
 148 65.0 32.3 96.9

Manual Integrations
 APPROVED

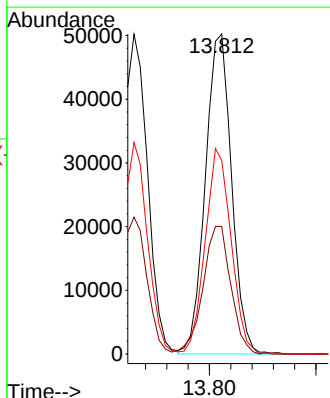
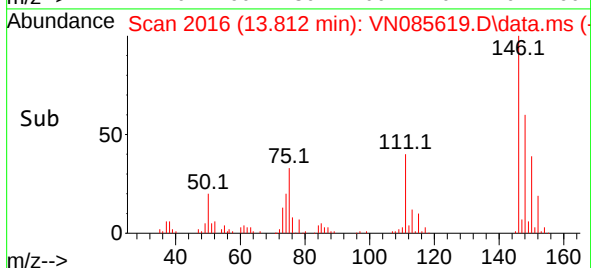
Reviewed By :John Carlone 02/04/2025
 Supervised By :Mahesh Dadoda 02/04/2025

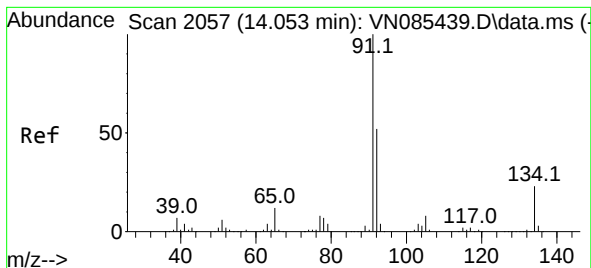


#88
 1,4-Dichlorobenzene
 Concen: 18.063 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: VN085619.D
 Acq: 03 Feb 2025 13:58



Tgt Ion:146 Resp: 85839
 Ion Ratio Lower Upper
 146 100
 111 42.3 21.3 63.7
 148 63.5 32.4 97.0





#89

n-Butylbenzene

Concen: 17.425 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN085619.D

Acq: 03 Feb 2025 13:58

Instrument :

MSVOA_N

ClientSampleId :

VN0203WBS01

Tgt Ion: 91 Resp: 11451

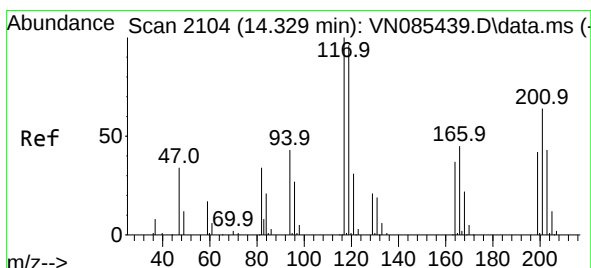
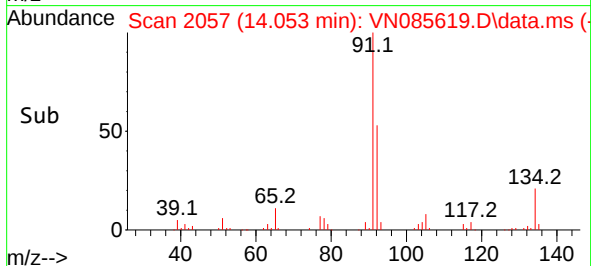
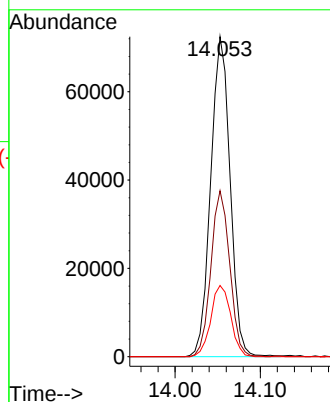
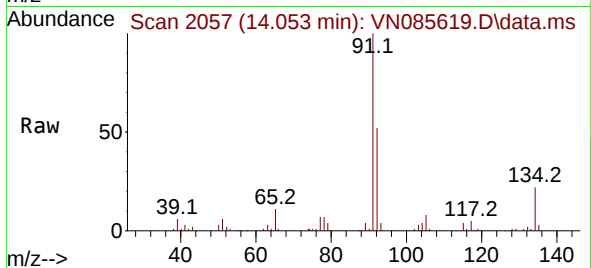
Ion	Ratio	Lower	Upper
91	100		
92	50.3	25.8	77.3
134	22.9	11.7	35.1

Manual Integrations

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Reviewed By :John Carlone 02/04/2025

Supervised By :Mahesh Dadoda 02/04/2025



#90

Hexachloroethane

Concen: 18.308 ug/l

RT: 14.329 min Scan# 2104

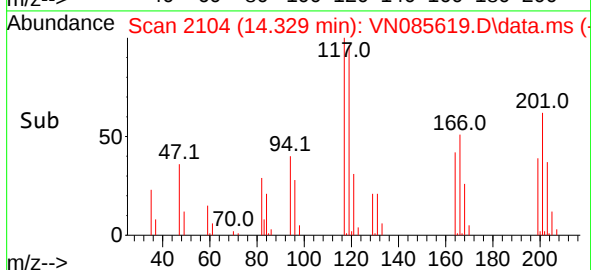
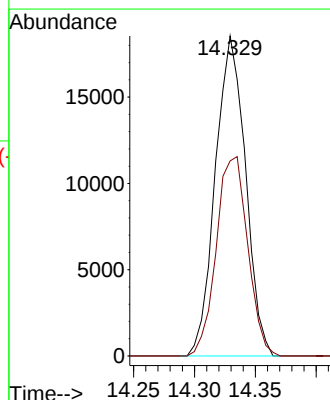
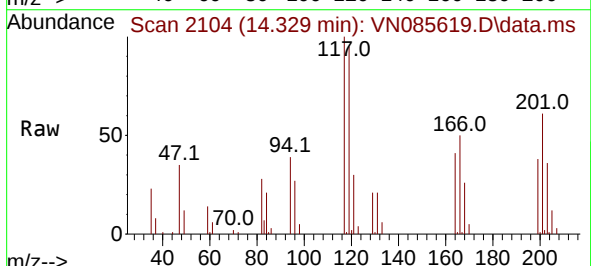
Delta R.T. -0.000 min

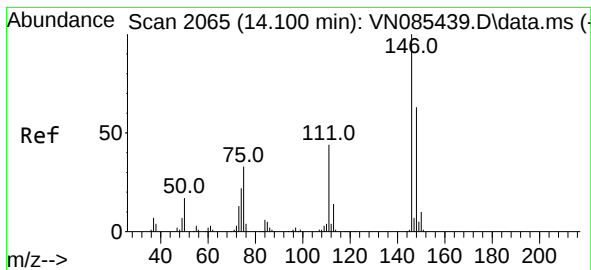
Lab File: VN085619.D

Acq: 03 Feb 2025 13:58

Tgt Ion:117 Resp: 31928

Ion	Ratio	Lower	Upper
117	100		
201	64.9	33.7	101.0





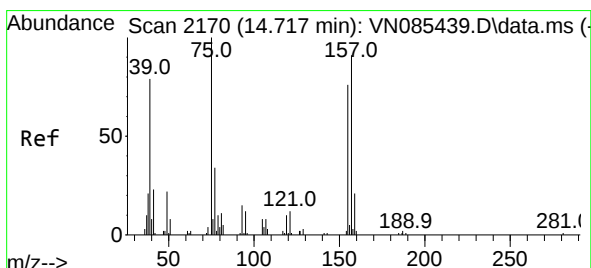
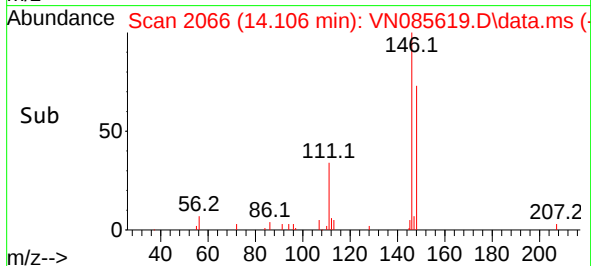
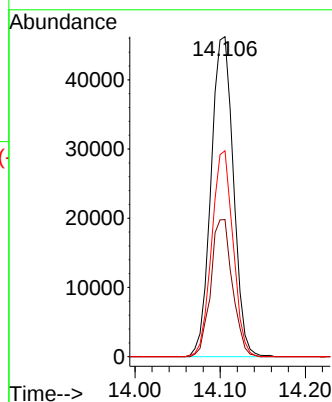
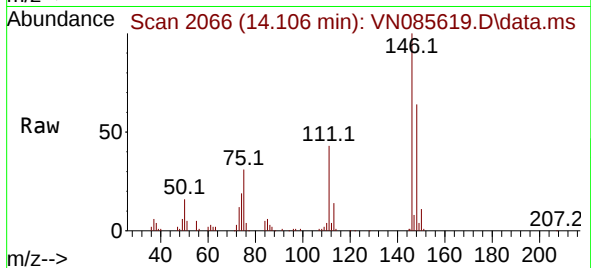
#91
1,2-Dichlorobenzene
Concen: 18.437 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VN085619.D
Acq: 03 Feb 2025 13:58

Instrument :
MSVOA_N
ClientSampleId :
VN0203WBS01

Tgt Ion:146 Resp: 84310
Ion Ratio Lower Upper
146 100
111 41.4 21.7 65.1
148 61.5 31.4 94.2

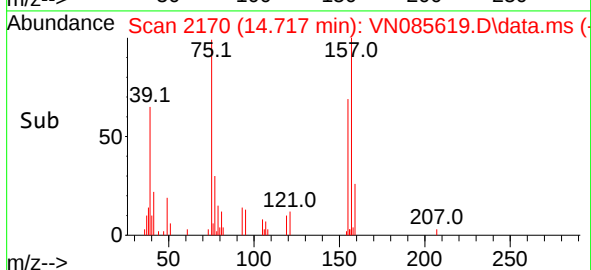
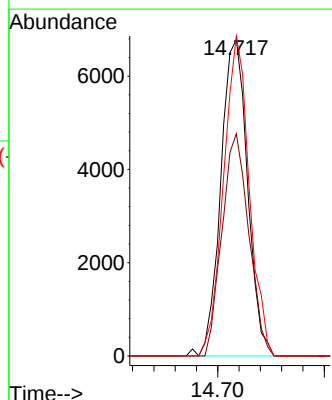
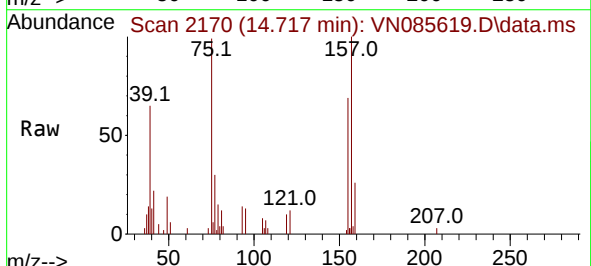
Manual Integrations
APPROVED

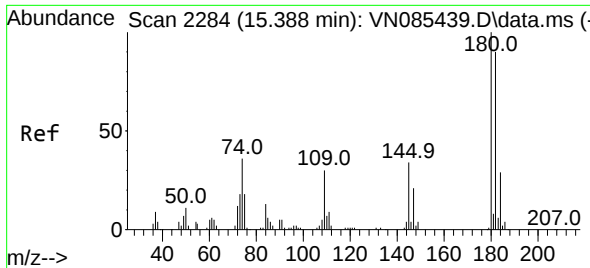
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.170 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN085619.D
Acq: 03 Feb 2025 13:58

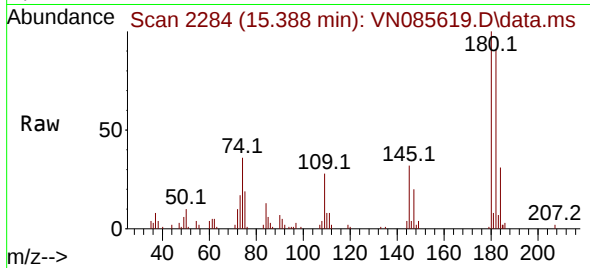
Tgt Ion: 75 Resp: 11783
Ion Ratio Lower Upper
75 100
155 70.4 36.4 109.2
157 97.6 45.4 136.1





#93
1,2,4-Trichlorobenzene
Concen: 16.258 ug/l
RT: 15.388 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN085619.D
Acq: 03 Feb 2025 13:58

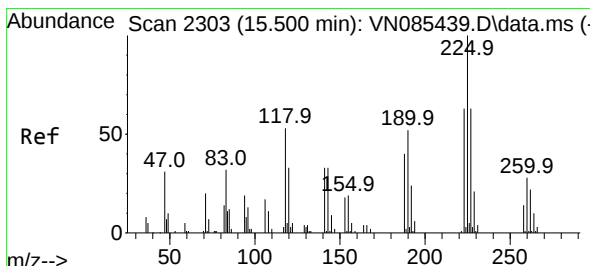
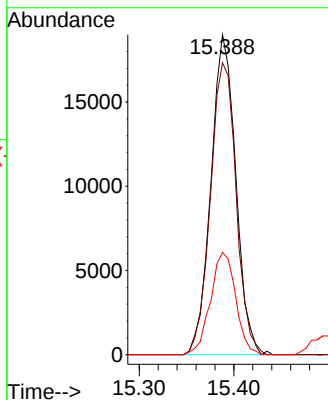
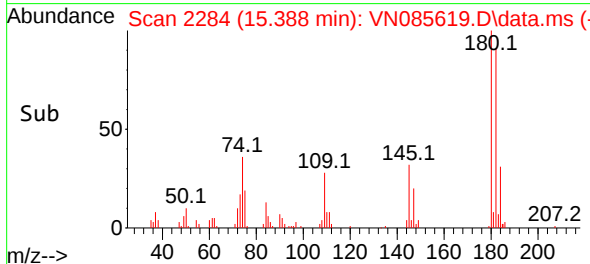
Instrument :
MSVOA_N
ClientSampleId :
VN0203WBS01



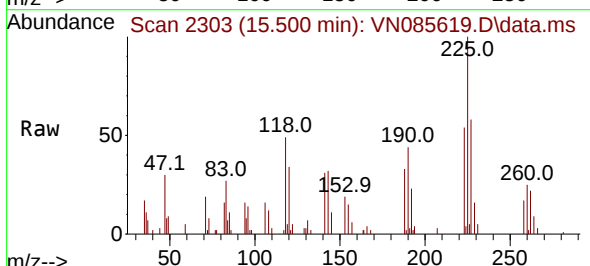
Tgt Ion:180 Resp: 34550
Ion Ratio Lower Upper
180 100
182 94.6 46.8 140.3
145 32.5 16.0 48.0

Manual Integrations
APPROVED

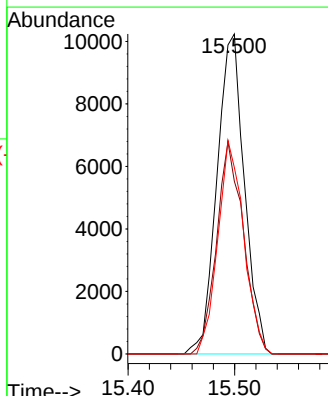
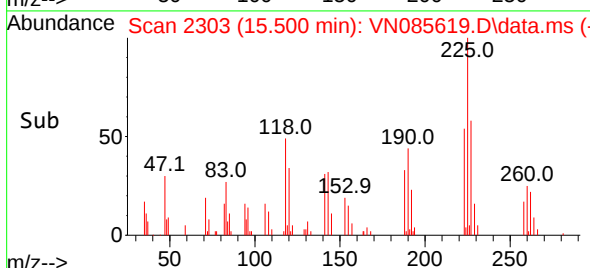
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025

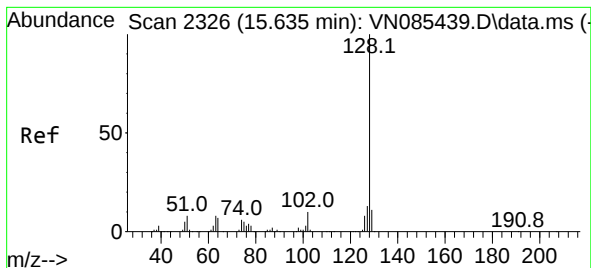


#94
Hexachlorobutadiene
Concen: 16.200 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN085619.D
Acq: 03 Feb 2025 13:58



Tgt Ion:225 Resp: 18281
Ion Ratio Lower Upper
225 100
223 64.9 30.7 92.1
227 63.2 30.9 92.5





#95

Naphthalene

Concen: 16.136 ug/l

RT: 15.635 min Scan# 2326

Delta R.T. -0.000 min

Lab File: VN085619.D

Acq: 03 Feb 2025 13:58

Instrument :

MSVOA_N

ClientSampleId :

VN0203WBS01

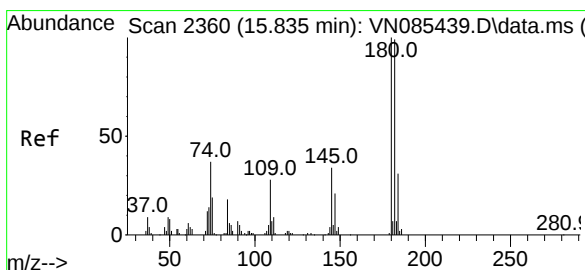
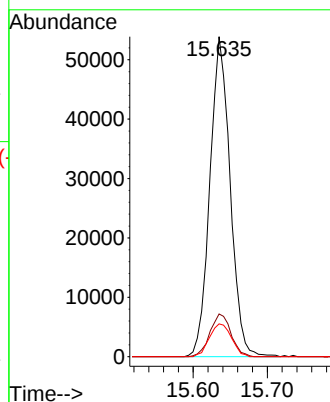
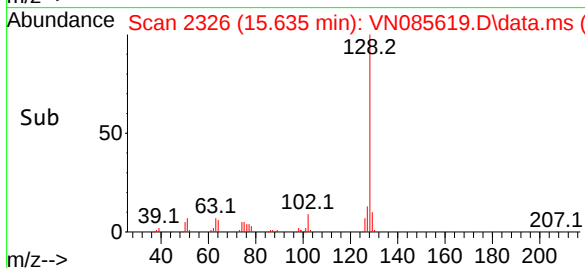
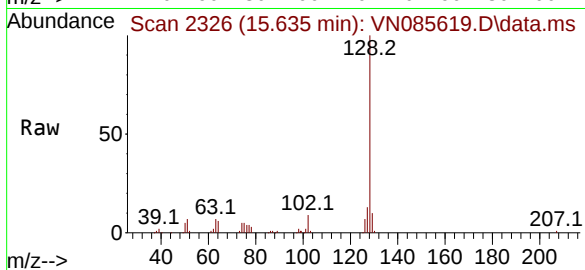
Tgt Ion:	128	Resp:	10234
Ion Ratio	Lower	Upper	
128	100		
127	13.9	10.6	16.0
129	11.2	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/04/2025

Supervised By :Mahesh Dadoda 02/04/2025



#96

1,2,3-Trichlorobenzene

Concen: 16.124 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN085619.D

Acq: 03 Feb 2025 13:58

Tgt Ion:	180	Resp:	34678
Ion Ratio	Lower	Upper	
180	100		
182	97.8	47.4	142.2
145	35.0	16.9	50.7

