

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020325\
 Data File : VN085620.D
 Acq On : 03 Feb 2025 14:22
 Operator : JC\MD
 Sample : VN0203WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0203WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Feb 04 00:58:15 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	177381	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	316818	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	277592	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	132351	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	137375	47.978	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.960%		
35) Dibromofluoromethane	8.165	113	112154	51.027	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.060%		
50) Toluene-d8	10.565	98	403865	51.716	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	103.440%		
62) 4-Bromofluorobenzene	12.847	95	130381	48.807	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	97.620%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	36725	15.291	ug/l	96
3) Chloromethane	2.359	50	37630	14.471	ug/l	98
4) Vinyl Chloride	2.512	62	49451	18.920	ug/l	93
5) Bromomethane	2.959	94	32239	20.420	ug/l	96
6) Chloroethane	3.124	64	33310	20.102	ug/l	100
7) Trichlorofluoromethane	3.500	101	68134	17.966	ug/l	98
8) Diethyl Ether	3.965	74	23505	17.941	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.371	101	41678	19.512	ug/l	98
10) Methyl Iodide	4.594	142	46834	19.146	ug/l	95
11) Tert butyl alcohol	5.512	59	33754	102.951	ug/l	98
12) 1,1-Dichloroethene	4.347	96	34518	18.132	ug/l	83
13) Acrolein	4.183	56	22257	49.729	ug/l	96
14) Allyl chloride	5.024	41	51626	16.712	ug/l	92
15) Acrylonitrile	5.724	53	103456	99.342	ug/l	99
16) Acetone	4.424	43	83180	89.909	ug/l	94
17) Carbon Disulfide	4.712	76	82042	13.997	ug/l	98
18) Methyl Acetate	5.018	43	59280	21.072	ug/l	91
19) Methyl tert-butyl Ether	5.794	73	123329	19.951	ug/l	99
20) Methylene Chloride	5.271	84	44642	19.492	ug/l	91
21) trans-1,2-Dichloroethene	5.789	96	37520	18.442	ug/l	94
22) Diisopropyl ether	6.665	45	123987	18.083	ug/l	98
23) Vinyl Acetate	6.600	43	413834	86.245	ug/l	95
24) 1,1-Dichloroethane	6.565	63	79023	18.901	ug/l	97
25) 2-Butanone	7.482	43	128769	94.582	ug/l	95
26) 2,2-Dichloropropane	7.488	77	67615	20.004	ug/l	96
27) cis-1,2-Dichloroethene	7.488	96	47023	19.623	ug/l	93
28) Bromochloromethane	7.812	49	36218	18.620	ug/l	89
29) Tetrahydrofuran	7.841	42	81866	94.844	ug/l	91
30) Chloroform	7.965	83	85403	19.765	ug/l	97
31) Cyclohexane	8.253	56	56062	15.428	ug/l #	82
32) 1,1,1-Trichloroethane	8.165	97	71876	18.963	ug/l	97
36) 1,1-Dichloropropene	8.371	75	51010	16.536	ug/l	99
37) Ethyl Acetate	7.559	43	51943	16.682	ug/l #	97
38) Carbon Tetrachloride	8.359	117	62929	17.819	ug/l	99
39) Methylcyclohexane	9.594	83	47049	16.231	ug/l	97
40) Benzene	8.600	78	174408	18.817	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	26968	16.648	ug/l #	88
42) 1,2-Dichloroethane	8.665	62	61132	17.512	ug/l	97
43) Isopropyl Acetate	8.682	43	91136	18.267	ug/l	97
44) Trichloroethene	9.353	130	39267	18.200	ug/l	99
45) 1,2-Dichloropropane	9.618	63	44301	18.712	ug/l	98
46) Dibromomethane	9.706	93	32808	19.205	ug/l	99
47) Bromodichloromethane	9.882	83	67537	19.406	ug/l	99
48) Methyl methacrylate	9.676	41	36989	16.475	ug/l #	87
49) 1,4-Dioxane	9.688	88	16068	424.978	ug/l	91
51) 4-Methyl-2-Pentanone	10.441	43	276729	95.585	ug/l	95
52) Toluene	10.629	92	107257	19.972	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	63248	19.230	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	65503	18.645	ug/l	94
55) 1,1,2-Trichloroethane	11.012	97	44024	20.714	ug/l	97
56) Ethyl methacrylate	10.871	69	58187	17.556	ug/l	91
57) 1,3-Dichloropropane	11.159	76	74646	20.199	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	106559	79.007	ug/l	98
59) 2-Hexanone	11.194	43	196651	96.535	ug/l	95
60) Dibromochloromethane	11.359	129	51933	20.240	ug/l	98
61) 1,2-Dibromoethane	11.465	107	42700	20.183	ug/l	99
64) Tetrachloroethene	11.100	164	36100	19.076	ug/l	95
65) Chlorobenzene	11.888	112	119360	19.628	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	45386	20.335	ug/l	98
67) Ethyl Benzene	11.959	91	189154	19.098	ug/l	100
68) m/p-Xylenes	12.070	106	148722	40.628	ug/l	95
69) o-Xylene	12.394	106	68283	19.519	ug/l	96
70) Styrene	12.412	104	117567	20.307	ug/l	96
71) Bromoform	12.576	173	34300	21.478	ug/l #	97
73) Isopropylbenzene	12.694	105	172454	19.306	ug/l	99
74) N-amyl acetate	12.494	43	67688	16.859	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.935	83	66716	21.144	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	59990m	22.301	ug/l	
77) Bromobenzene	12.976	156	45507	19.499	ug/l	95
78) n-propylbenzene	13.035	91	208681	19.734	ug/l	99
79) 2-Chlorotoluene	13.123	91	132631	19.380	ug/l	97
80) 1,3,5-Trimethylbenzene	13.170	105	147177	19.947	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	20135	20.251	ug/l	90
82) 4-Chlorotoluene	13.217	91	131384	19.280	ug/l	98
83) tert-Butylbenzene	13.435	119	119331	19.259	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	146712	19.950	ug/l	98
85) sec-Butylbenzene	13.612	105	172226	20.055	ug/l	99
86) p-Isopropyltoluene	13.729	119	137244	19.216	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	83838	19.507	ug/l	99
88) 1,4-Dichlorobenzene	13.806	146	83412	18.724	ug/l	100
89) n-Butylbenzene	14.053	91	112690	18.291	ug/l	100
90) Hexachloroethane	14.335	117	31482	19.257	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	81715	19.061	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	11390	19.768	ug/l	94
93) 1,2,4-Trichlorobenzene	15.388	180	35819	17.977	ug/l	99
94) Hexachlorobutadiene	15.500	225	18661	17.641	ug/l	99
95) Naphthalene	15.641	128	107097	18.013	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	36123	17.917	ug/l	98

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

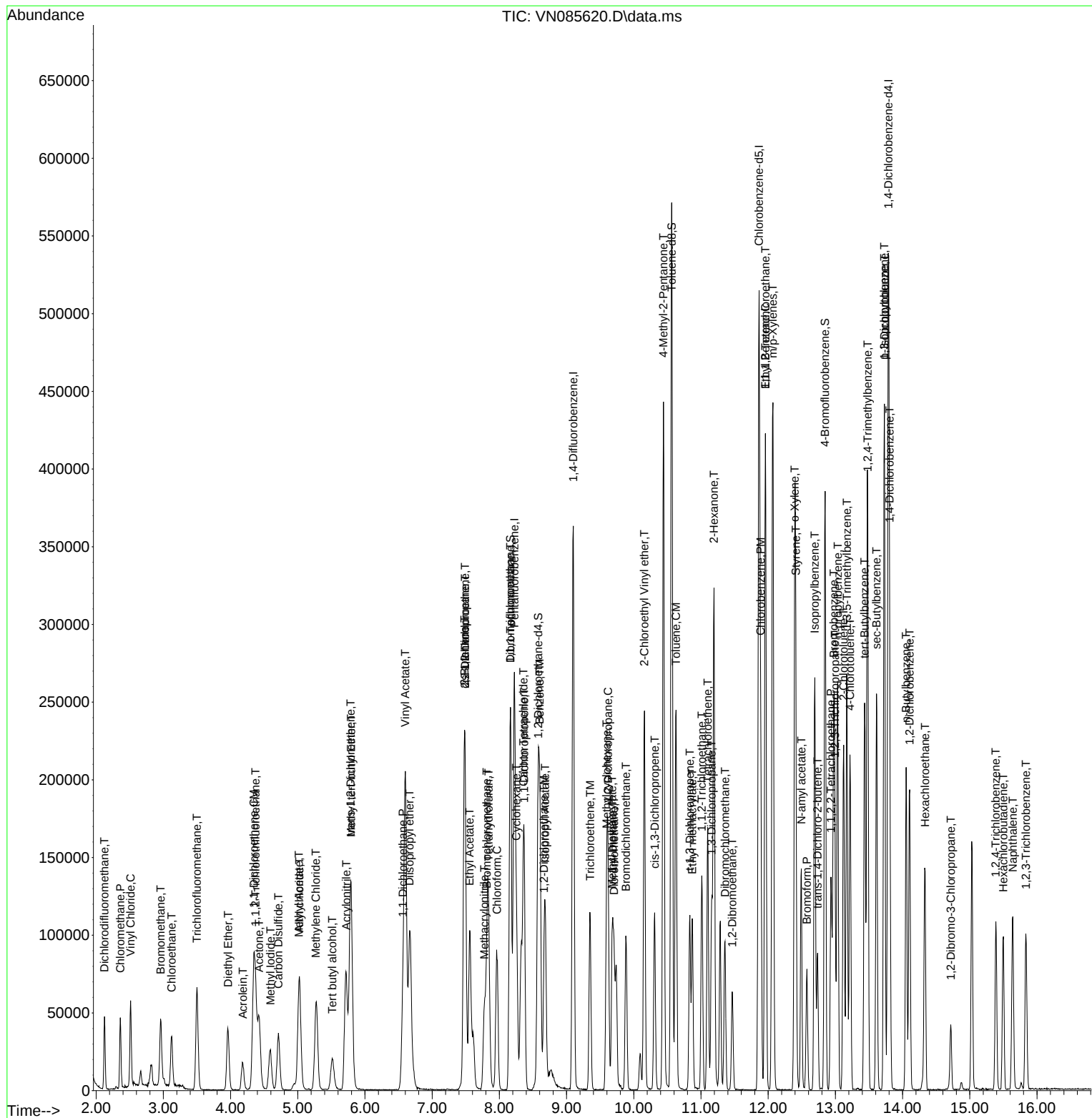
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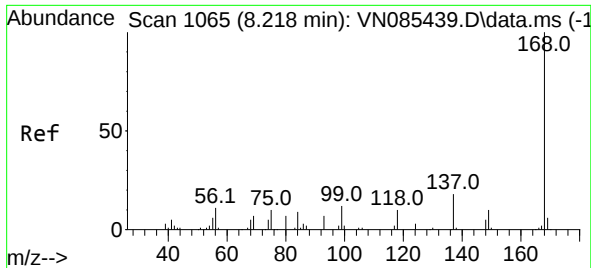
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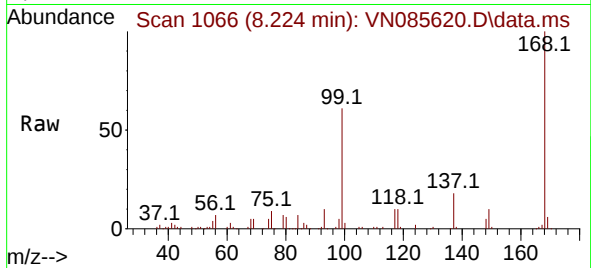
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085620.D
Acq: 03 Feb 2025 14:22

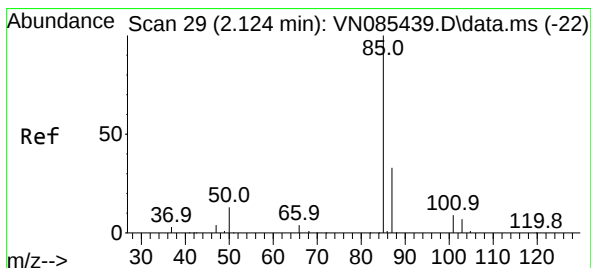
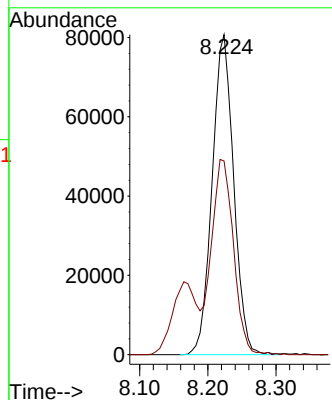
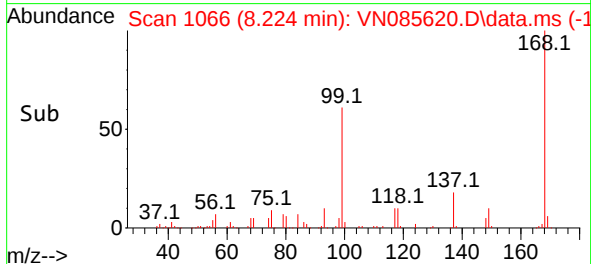
Instrument :
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Tgt Ion:168 Resp: 17738
Ion Ratio Lower Upper
168 100
99 60.6 53.6 80.4

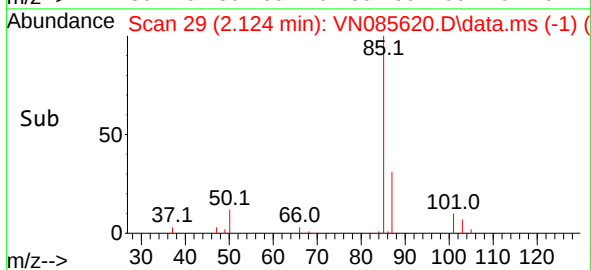
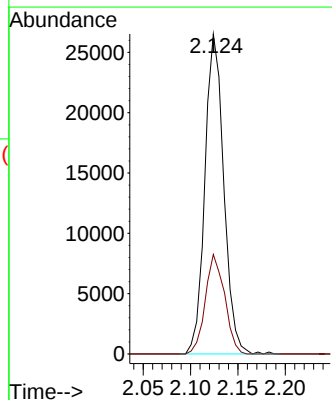
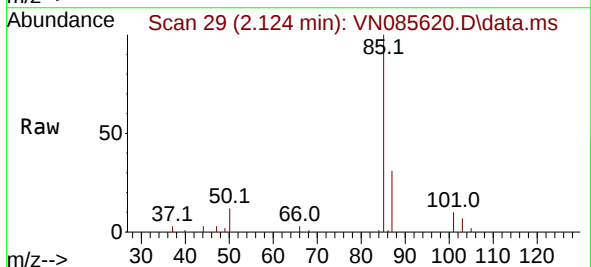
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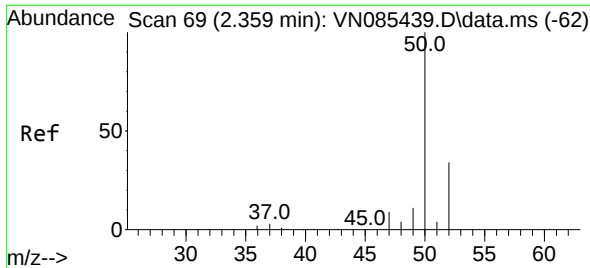
Reviewed By :John Carlone 02/04/2025
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#2
Dichlorodifluoromethane
Concen: 15.291 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN085620.D
Acq: 03 Feb 2025 14:22

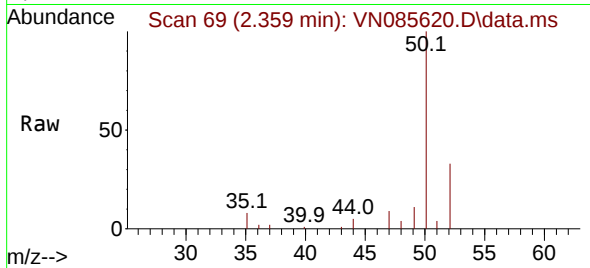
Tgt Ion: 85 Resp: 36725
Ion Ratio Lower Upper
85 100
87 31.1 16.7 50.1





#3
Chloromethane
Concen: 14.471 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085620.D
Acq: 03 Feb 2025 14:22

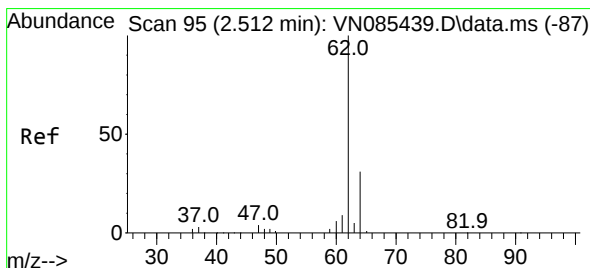
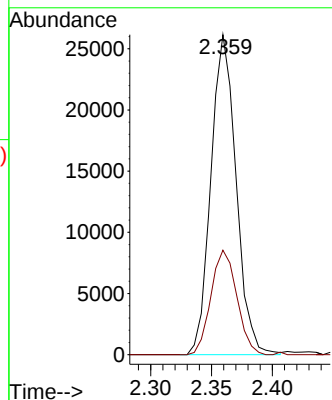
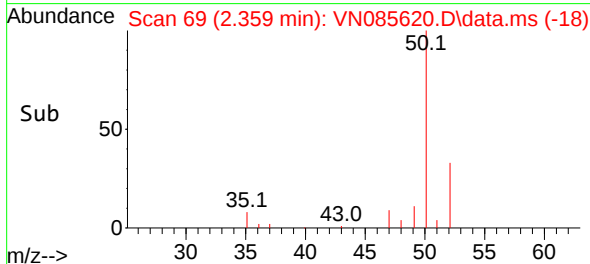
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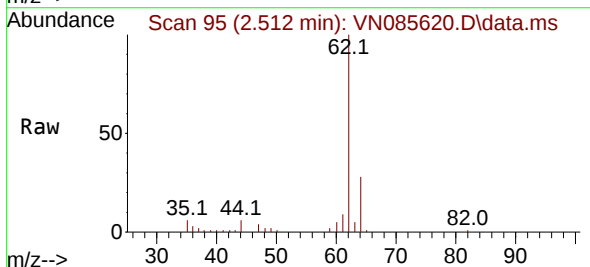
Tgt Ion: 50 Resp: 37630
Ion Ratio Lower Upper
50 100
52 32.7 27.0 40.6

Manual Integrations
APPROVED

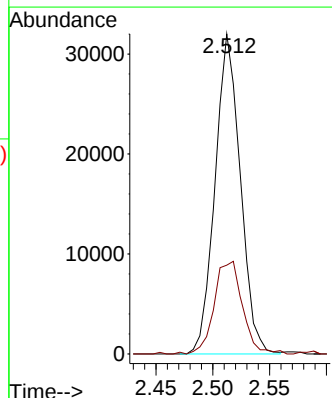
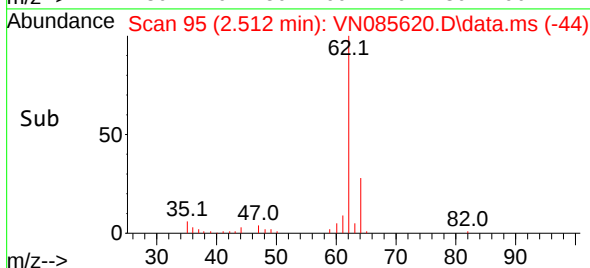
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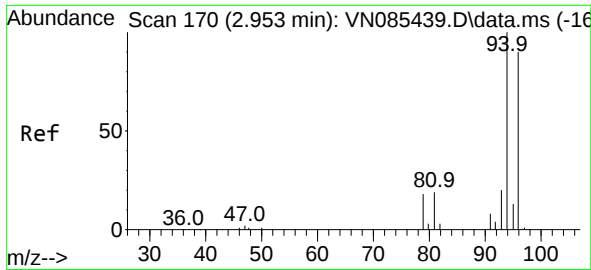


#4
Vinyl Chloride
Concen: 18.920 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN085620.D
Acq: 03 Feb 2025 14:22



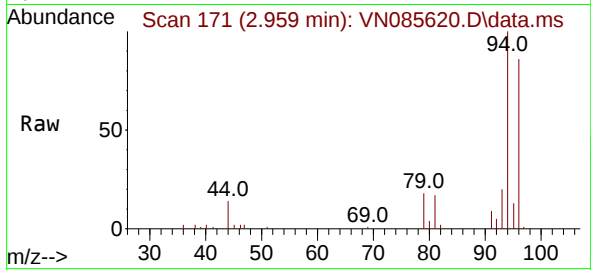
Tgt Ion: 62 Resp: 49451
Ion Ratio Lower Upper
62 100
64 27.2 24.8 37.2





#5
Bromomethane
Concen: 20.420 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085620.D
Acq: 03 Feb 2025 14:22

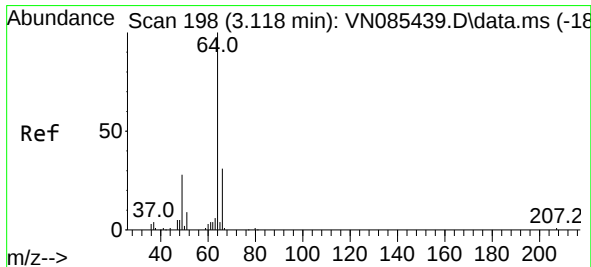
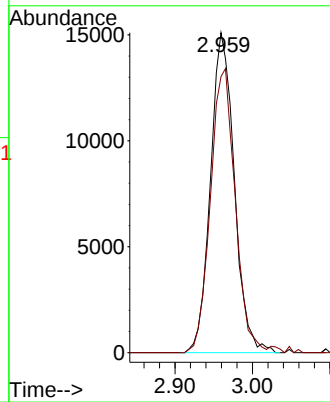
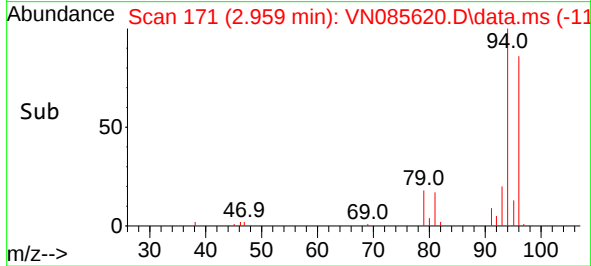
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Tgt Ion: 94 Resp: 32239
Ion Ratio Lower Upper
94 100
96 86.3 71.8 107.6

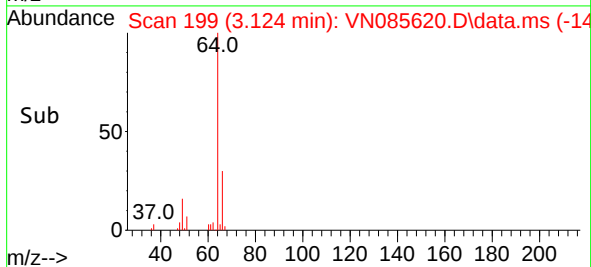
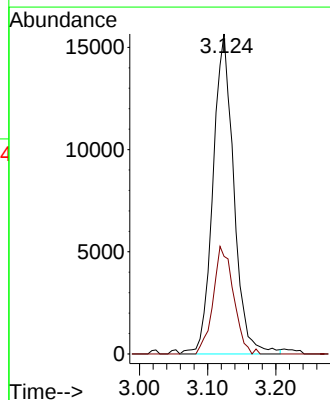
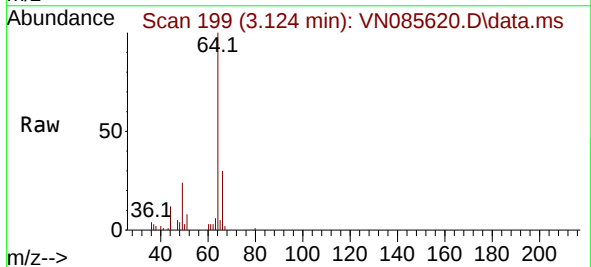
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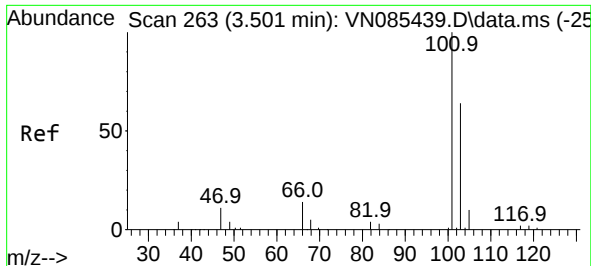
Reviewed By :John Carlone 02/04/2025
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#6
Chloroethane
Concen: 20.102 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN085620.D
Acq: 03 Feb 2025 14:22

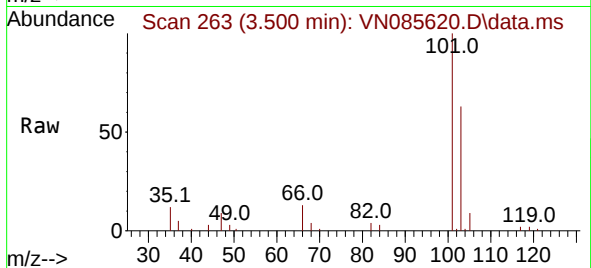
Tgt Ion: 64 Resp: 33310
Ion Ratio Lower Upper
64 100
66 30.5 24.6 36.8





#7
 Trichlorofluoromethane
 Concen: 17.966 ug/l
 RT: 3.500 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN085620.D
 Acq: 03 Feb 2025 14:22

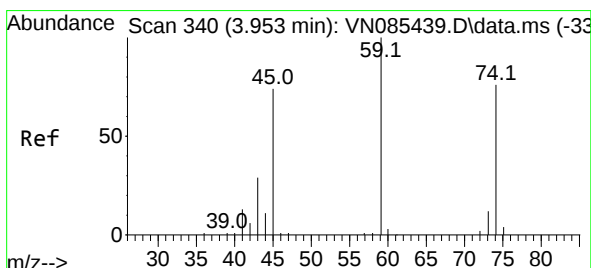
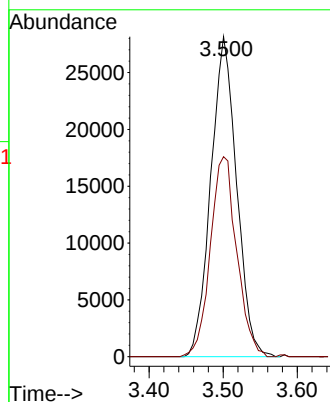
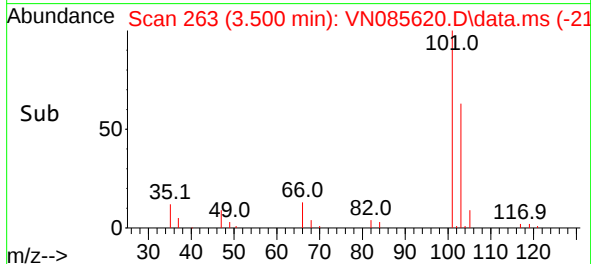
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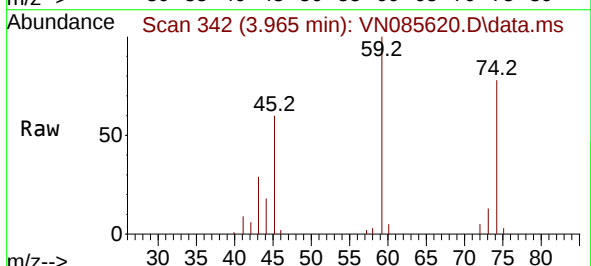
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 Ion Ratio Lower Upper
 101 100
 103 62.5 51.4 77.2

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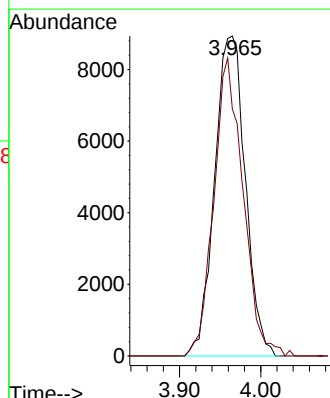
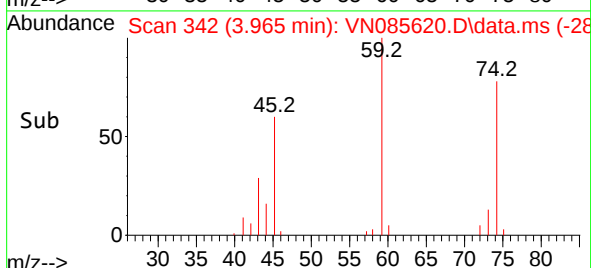
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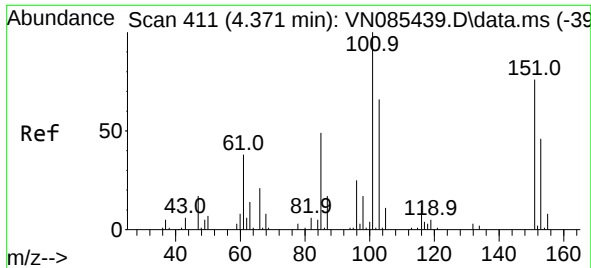


#8
 Diethyl Ether
 Concen: 17.941 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.012 min
 Lab File: VN085620.D
 Acq: 03 Feb 2025 14:22



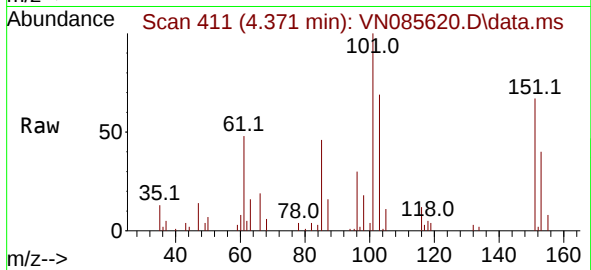
Tgt Ion: 74 Resp: 23505
 Ion Ratio Lower Upper
 74 100
 45 88.6 49.7 149.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.512 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN085620.D
Acq: 03 Feb 2025 14:22

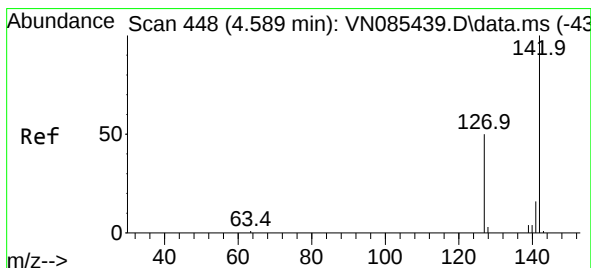
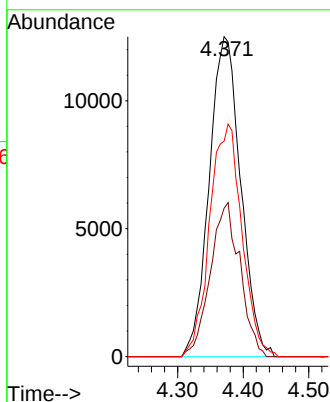
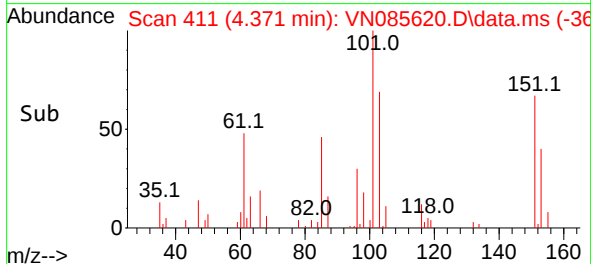
Instrument :
MSVOA_N
ClientSampleId :
VN0203WBSD01



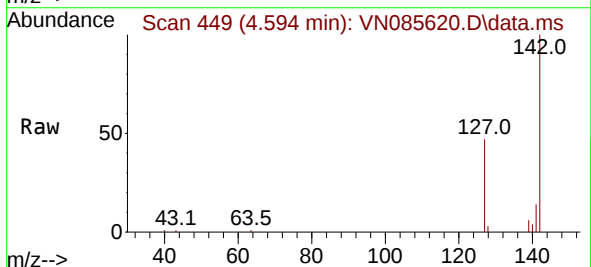
Tgt Ion:101 Resp: 41678
Ion Ratio Lower Upper
101 100
85 45.5 37.8 56.8
151 74.3 58.8 88.2

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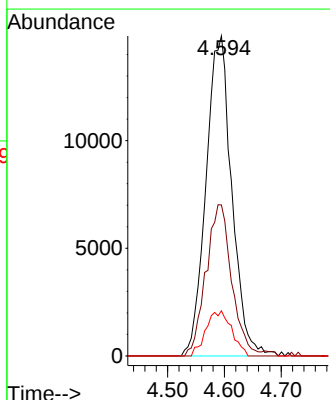
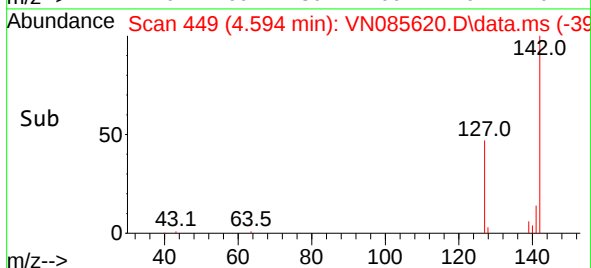
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#10
Methyl Iodide
Concen: 19.146 ug/l
RT: 4.594 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN085620.D
Acq: 03 Feb 2025 14:22



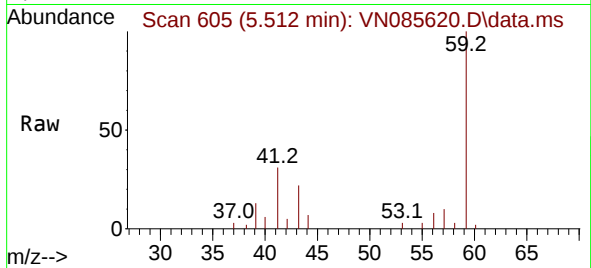
Tgt Ion:142 Resp: 46834
Ion Ratio Lower Upper
142 100
127 47.2 40.3 60.5
141 14.1 12.8 19.2





#11
Tert butyl alcohol
Concen: 102.951 ug/l
RT: 5.512 min Scan# 605
Delta R.T. -0.000 min
Lab File: VN085620.D
Acq: 03 Feb 2025 14:22

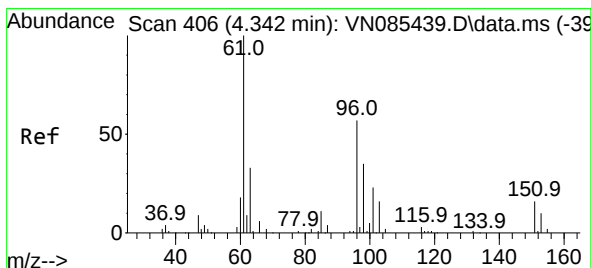
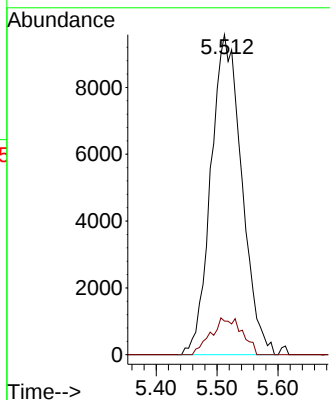
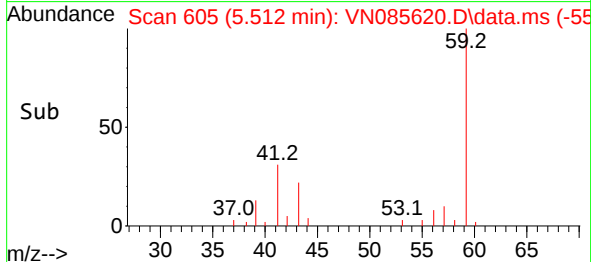
Instrument :
MSVOA_N
ClientSampleId :
VN0203WBSD01



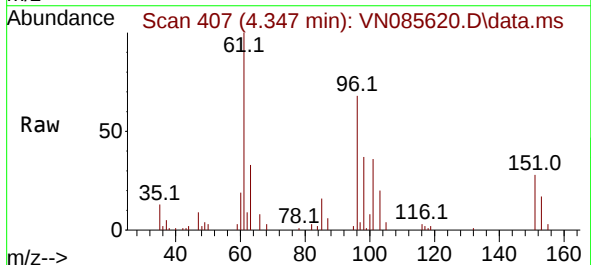
Tgt Ion: 59 Resp: 33754
Ion Ratio Lower Upper
59 100
57 11.5 8.6 13.0

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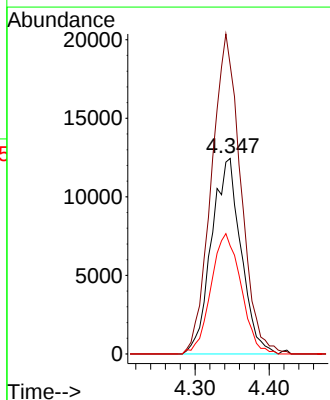
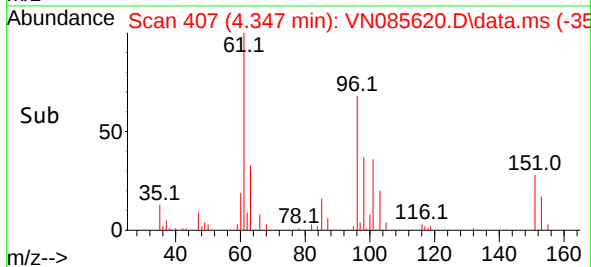
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025

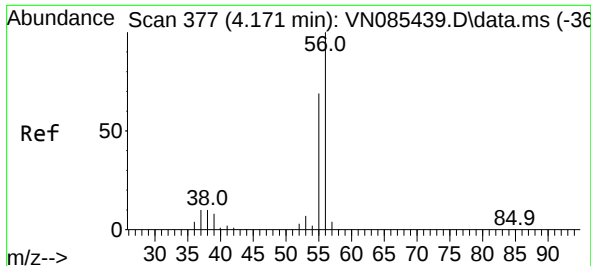


#12
1,1-Dichloroethene
Concen: 18.132 ug/l
RT: 4.347 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN085620.D
Acq: 03 Feb 2025 14:22



Tgt Ion: 96 Resp: 34518
Ion Ratio Lower Upper
96 100
61 147.7 141.0 211.4
98 55.3 49.0 73.6





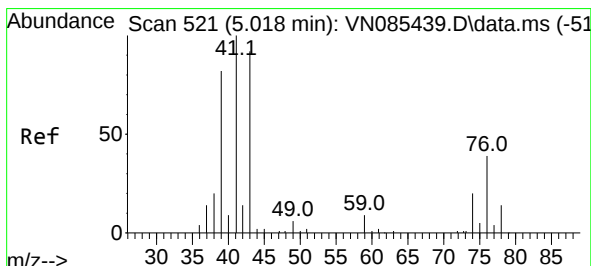
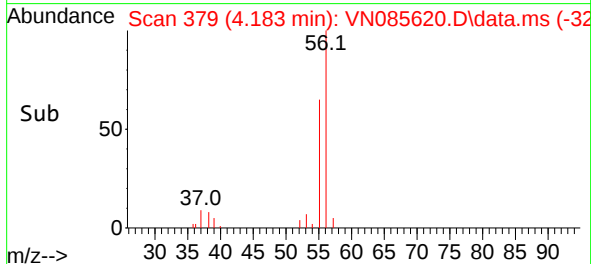
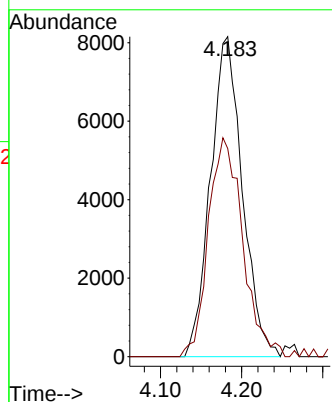
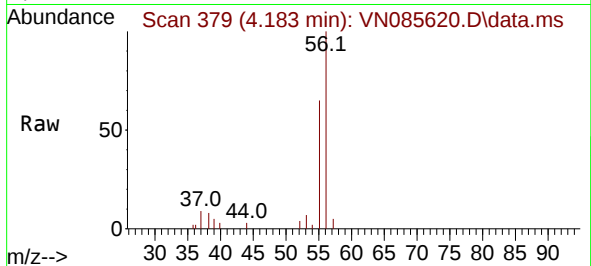
#13
Acrolein
Concen: 49.729 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.012 min
Lab File: VN085620.D
Acq: 03 Feb 2025 14:22

Instrument :
MSVOA_N
ClientSampleId :
VN0203WBSD01

Tgt Ion: 56 Resp: 2225
Ion Ratio Lower Upper
56 100
55 73.5 56.3 84.5

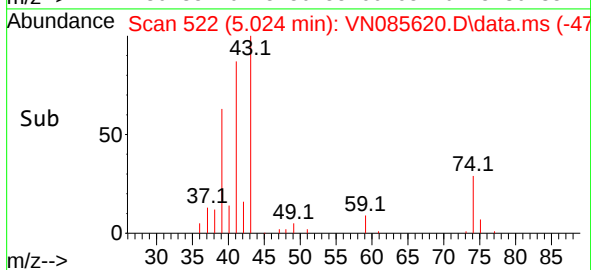
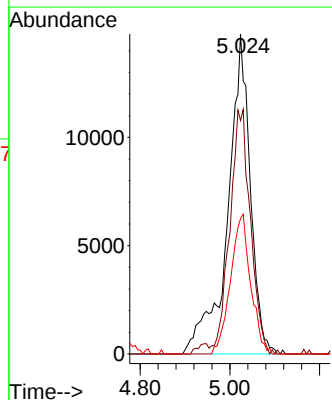
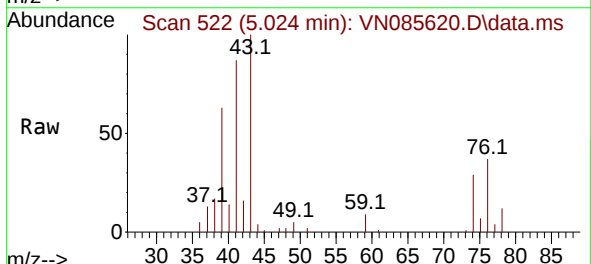
Manual Integrations
APPROVED

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



#14
Allyl chloride
Concen: 16.712 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085620.D
Acq: 03 Feb 2025 14:22

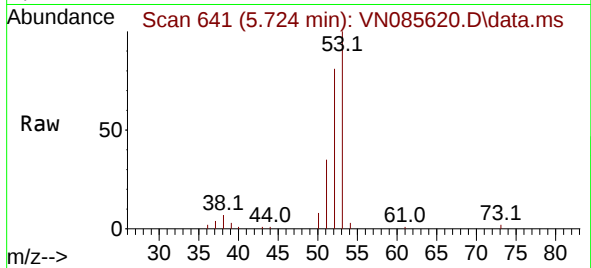
Tgt Ion: 41 Resp: 51626
Ion Ratio Lower Upper
41 100
39 70.1 64.4 96.6
76 38.9 30.5 45.7





#15
Acrylonitrile
Concen: 99.342 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.012 min
Lab File: VN085620.D
Acq: 03 Feb 2025 14:22

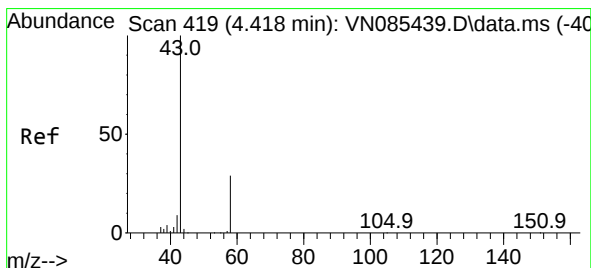
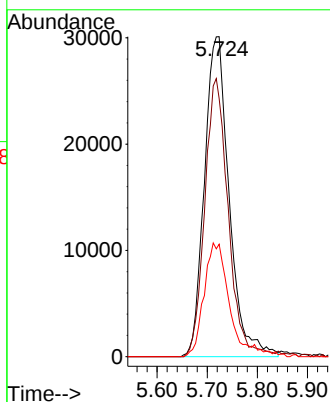
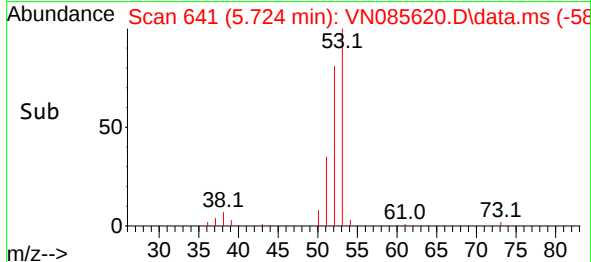
Instrument :
MSVOA_N
ClientSampleId :
VN0203WBSD01



Tgt Ion: 53 Resp: 103450
Ion Ratio Lower Upper
53 100
52 82.1 65.5 98.3
51 36.7 29.8 44.8

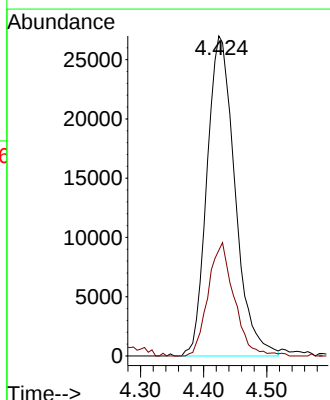
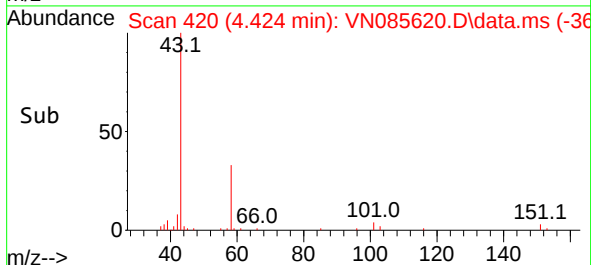
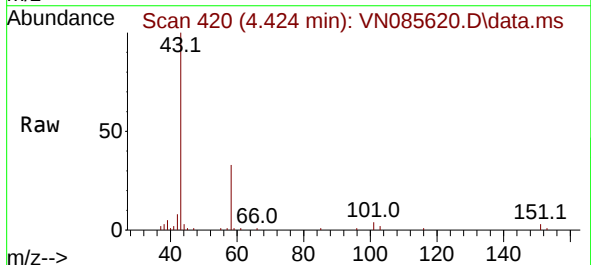
Manual Integrations
APPROVED

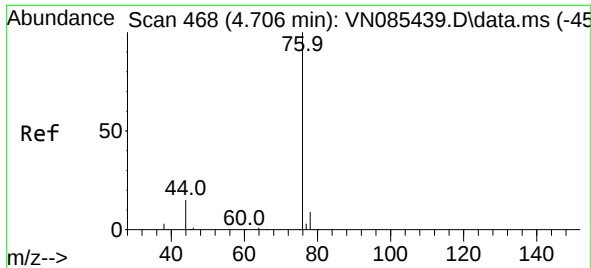
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#16
Acetone
Concen: 89.909 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085620.D
Acq: 03 Feb 2025 14:22

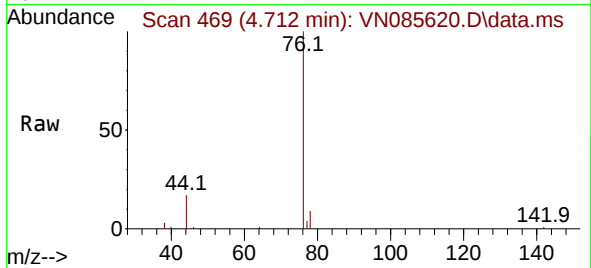
Tgt Ion: 43 Resp: 83180
Ion Ratio Lower Upper
43 100
58 33.0 23.8 35.6





#17
Carbon Disulfide
Concen: 13.997 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.006 min
Lab File: VN085620.D
Acq: 03 Feb 2025 14:22

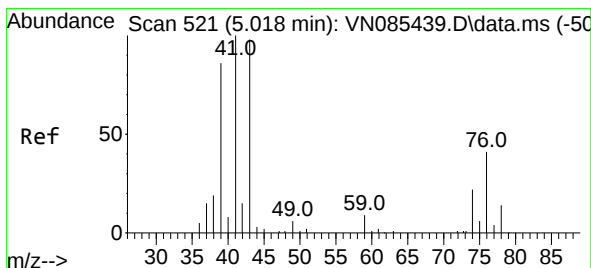
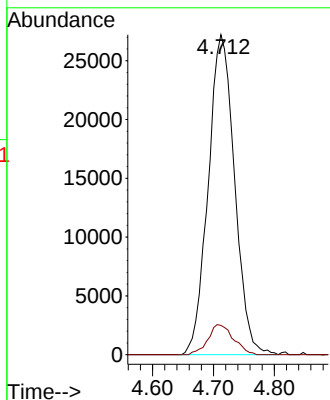
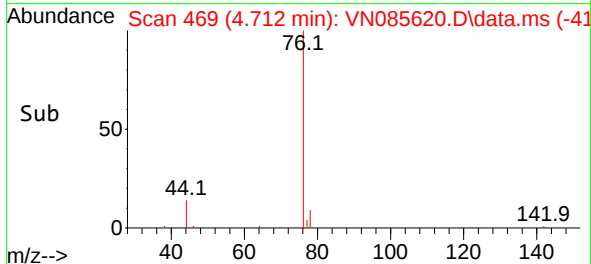
Instrument :
MSVOA_N
ClientSampleId :
VN0203WBSD01



Tgt Ion: 76 Resp: 8204
Ion Ratio Lower Upper
76 100
78 9.2 6.9 10.3

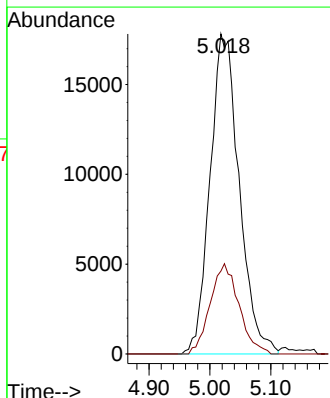
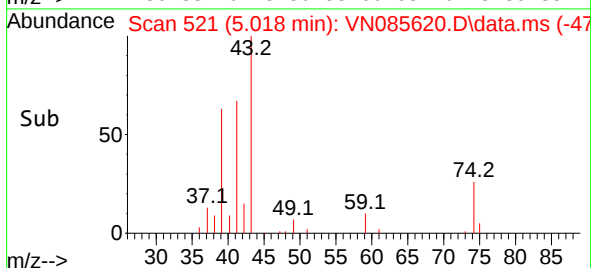
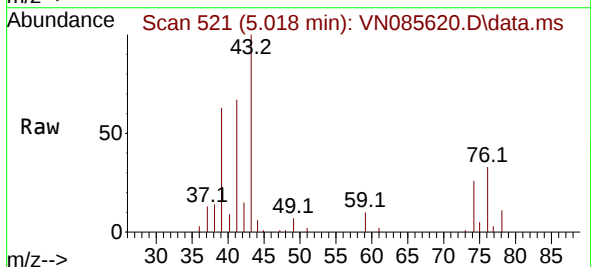
Manual Integrations
APPROVED

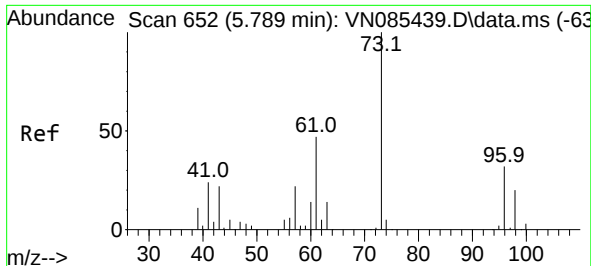
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#18
Methyl Acetate
Concen: 21.072 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN085620.D
Acq: 03 Feb 2025 14:22

Tgt Ion: 43 Resp: 59280
Ion Ratio Lower Upper
43 100
74 27.8 18.6 28.0





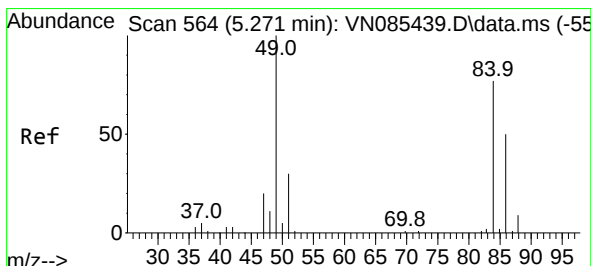
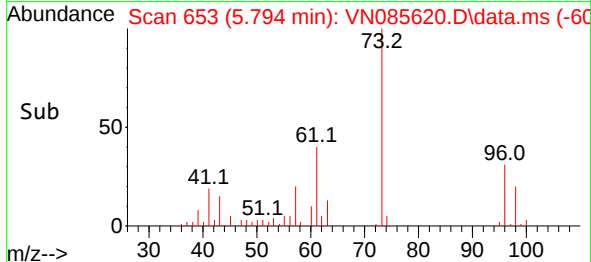
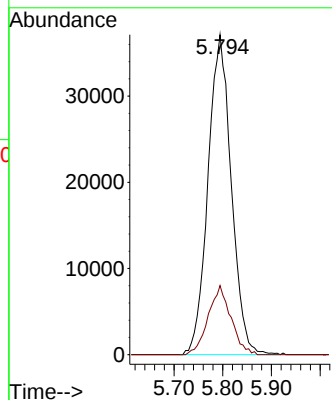
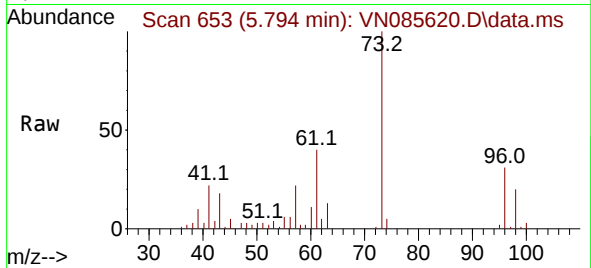
#19
Methyl tert-butyl Ether
Concen: 19.951 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN085620.D
Acq: 03 Feb 2025 14:22

Instrument :
MSVOA_N
ClientSampleId :
VN0203WBSD01

Tgt Ion: 73 Resp: 123329
Ion Ratio Lower Upper
73 100
57 21.6 17.8 26.8

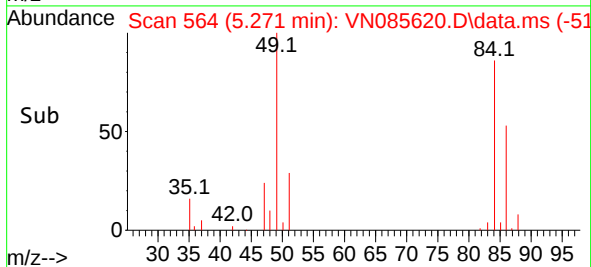
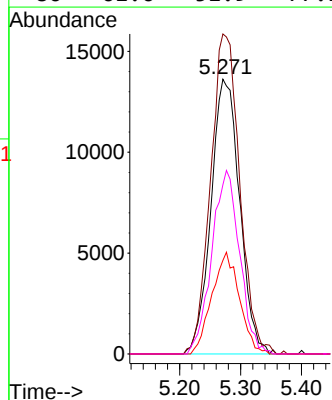
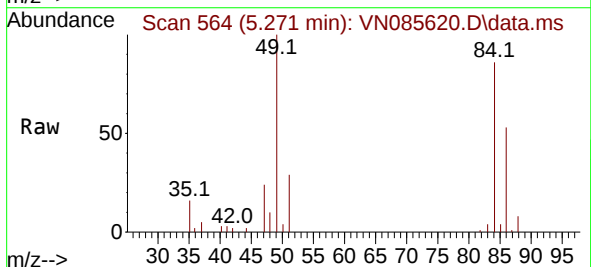
Manual Integrations
APPROVED

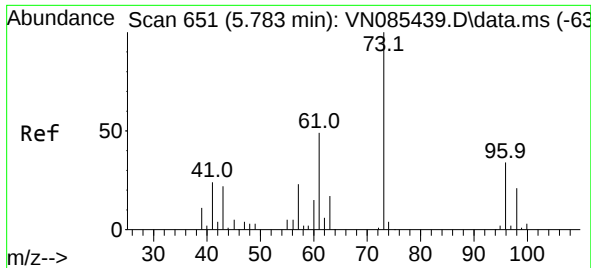
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#20
Methylene Chloride
Concen: 19.492 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN085620.D
Acq: 03 Feb 2025 14:22

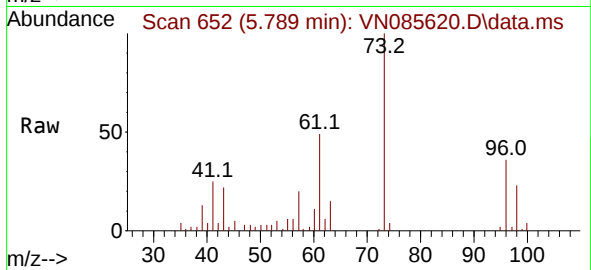
Tgt Ion: 84 Resp: 44642
Ion Ratio Lower Upper
84 100
49 116.5 104.1 156.1
51 34.1 31.0 46.4
86 61.6 51.9 77.9





#21
trans-1,2-Dichloroethene
Concen: 18.442 ug/l
RT: 5.789 min Scan# 651
Delta R.T. 0.006 min
Lab File: VN085620.D
Acq: 03 Feb 2025 14:22

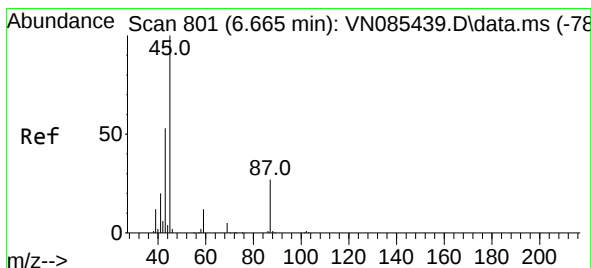
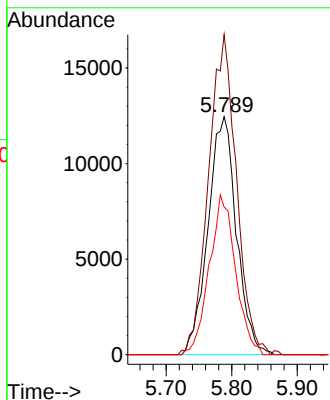
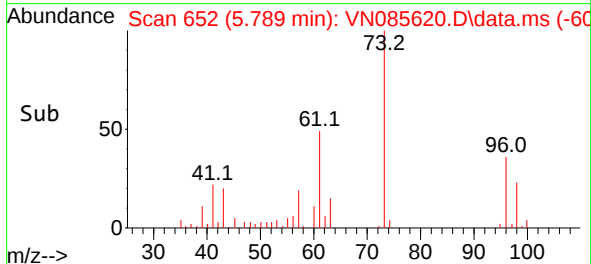
Instrument :
MSVOA_N
ClientSampleId :
VN0203WBSD01



Tgt Ion: 96 Resp: 37520
Ion Ratio Lower Upper
96 100
61 134.5 115.7 173.5
98 62.1 49.8 74.8

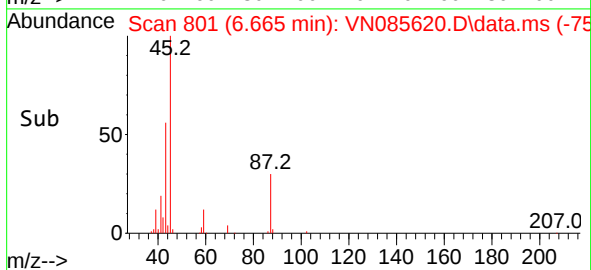
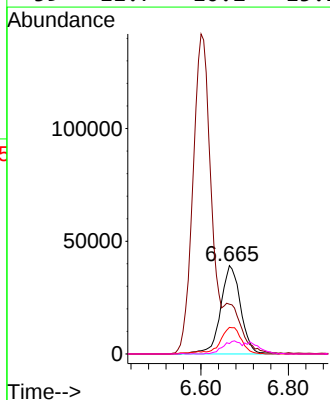
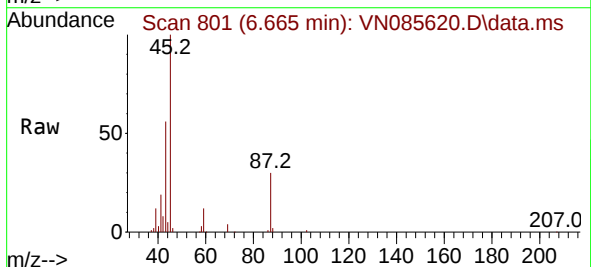
Manual Integrations
APPROVED

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



#22
Diisopropyl ether
Concen: 18.083 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.000 min
Lab File: VN085620.D
Acq: 03 Feb 2025 14:22

Tgt Ion: 45 Resp: 123987
Ion Ratio Lower Upper
45 100
43 55.6 45.0 67.6
87 30.1 21.8 32.8
59 11.7 10.2 15.2





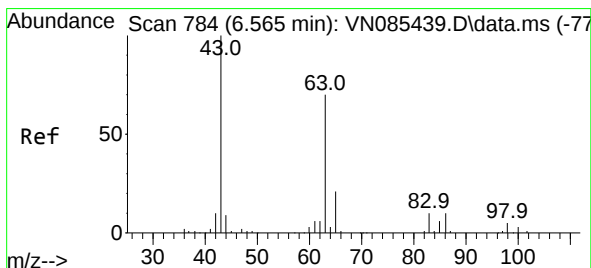
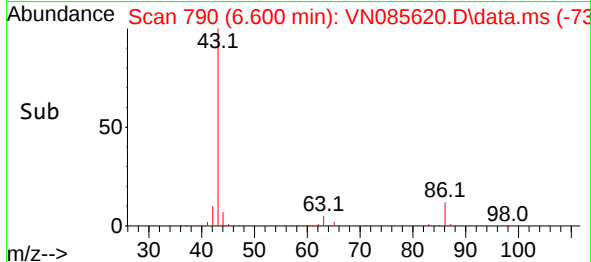
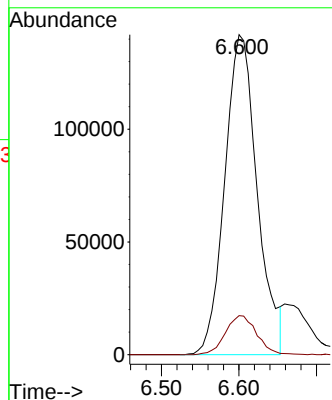
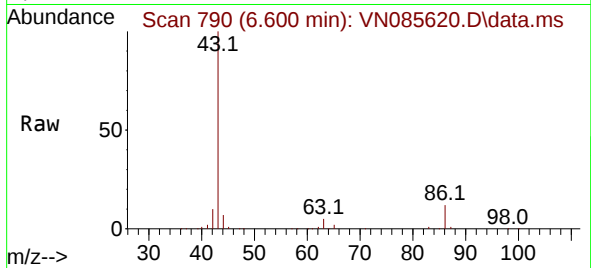
#23
 Vinyl Acetate
 Concen: 86.245 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN085620.D
 Acq: 03 Feb 2025 14:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0203WBSD01

Tgt Ion: 43 Resp: 413834
 Ion Ratio Lower Upper
 43 100
 86 12.2 8.4 12.6

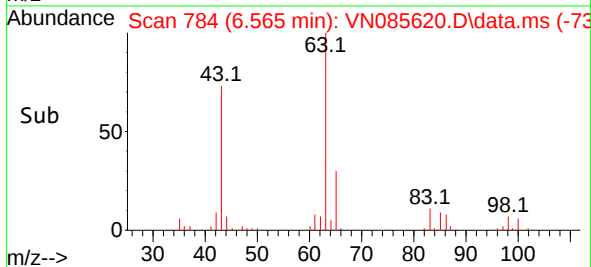
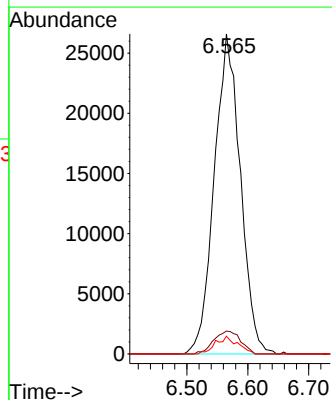
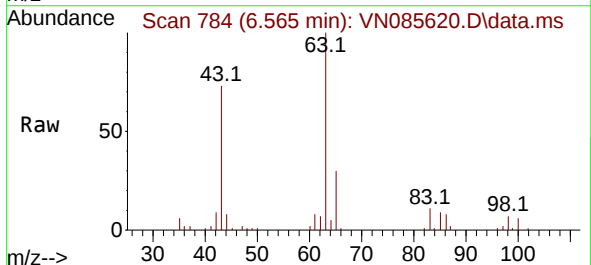
Manual Integrations
 APPROVED

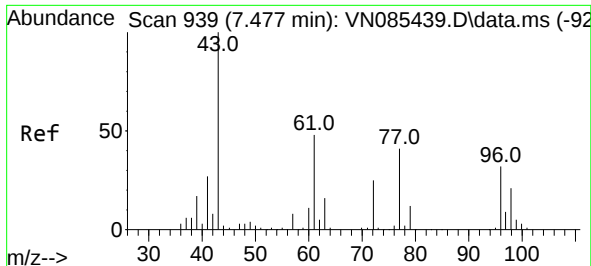
Reviewed By :John Carlone 02/04/2025
 Supervised By :Mahesh Dadoda 02/04/2025



#24
 1,1-Dichloroethane
 Concen: 18.901 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN085620.D
 Acq: 03 Feb 2025 14:22

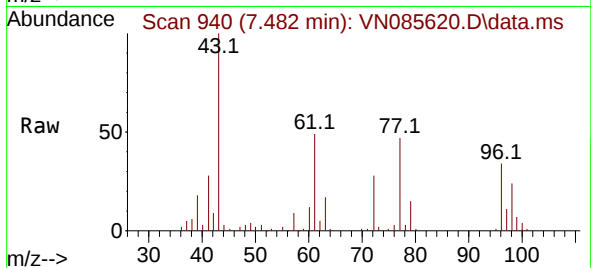
Tgt Ion: 63 Resp: 79023
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.3 9.8
 100 5.6 2.0 6.0





#25
2-Butanone
Concen: 94.582 ug/l
RT: 7.482 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN085620.D
Acq: 03 Feb 2025 14:22

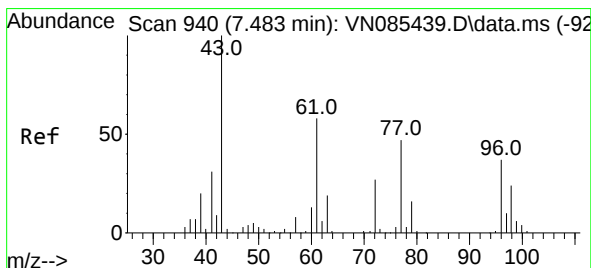
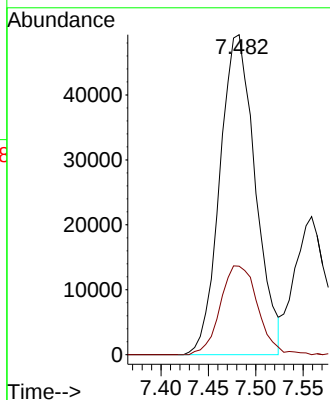
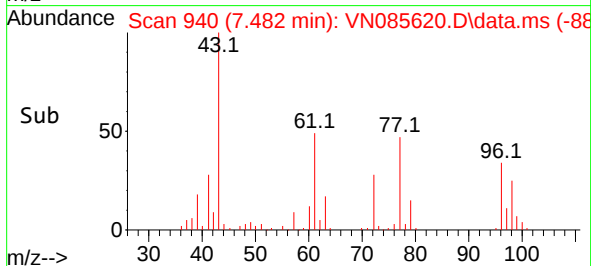
Instrument :
MSVOA_N
ClientSampleId :
VN0203WBSD01



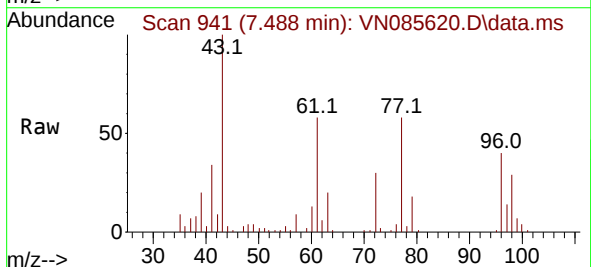
Tgt Ion: 43 Resp: 128769
Ion Ratio Lower Upper
43 100
72 27.6 20.2 30.4

Manual Integrations
APPROVED

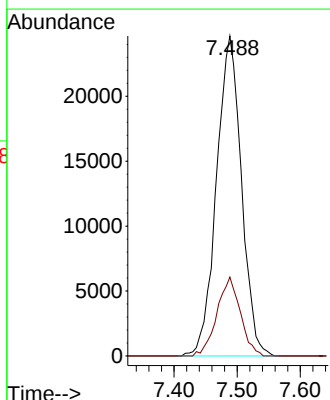
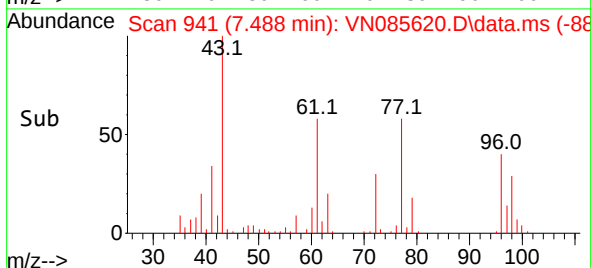
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#26
2,2-Dichloropropane
Concen: 20.004 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085620.D
Acq: 03 Feb 2025 14:22



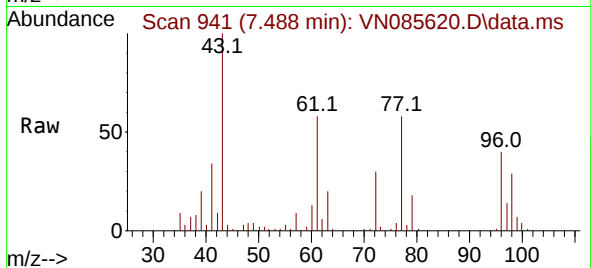
Tgt Ion: 77 Resp: 67615
Ion Ratio Lower Upper
77 100
97 23.1 10.7 32.1





#27
 cis-1,2-Dichloroethene
 Concen: 19.623 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN085620.D
 Acq: 03 Feb 2025 14:22

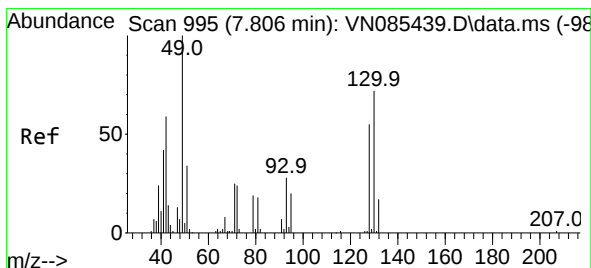
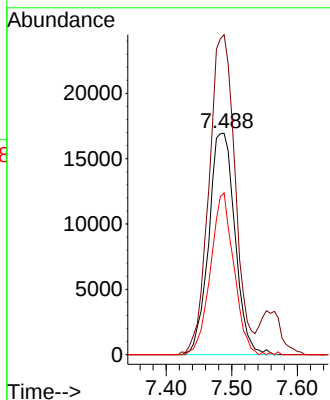
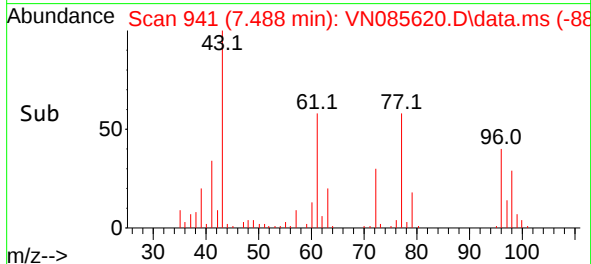
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0203WBSD01



Tgt Ion: 96 Resp: 4702
 Ion Ratio Lower Upper
 96 100
 61 144.2 0.0 311.8
 98 65.0 0.0 126.0

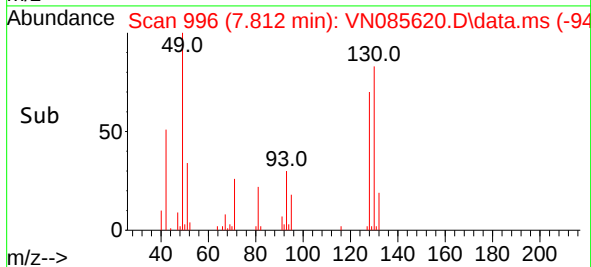
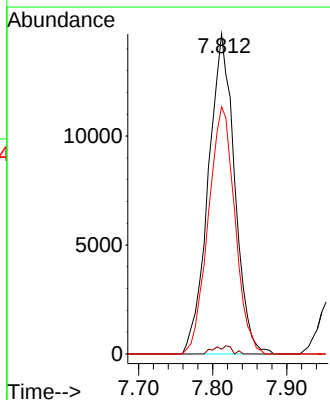
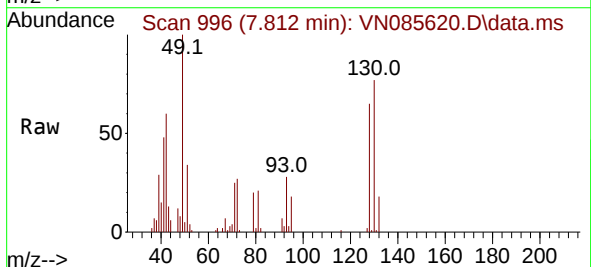
Manual Integrations
 APPROVED

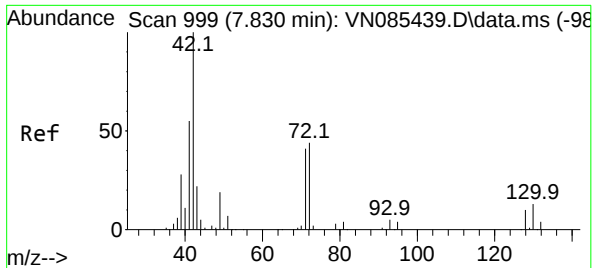
Reviewed By :John Carlone 02/04/2025
 Supervised By :Mahesh Dadoda 02/04/2025



#28
 Bromochloromethane
 Concen: 18.620 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN085620.D
 Acq: 03 Feb 2025 14:22

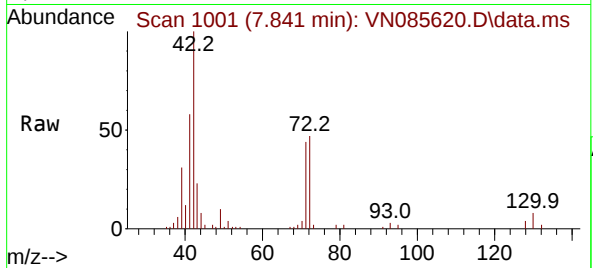
Tgt Ion: 49 Resp: 36218
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.4
 130 78.1 55.0 82.4





#29
Tetrahydrofuran
Concen: 94.844 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.012 min
Lab File: VN085620.D
Acq: 03 Feb 2025 14:22

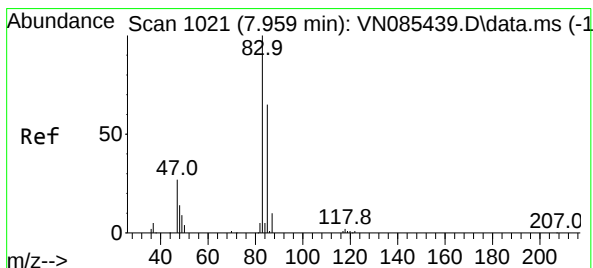
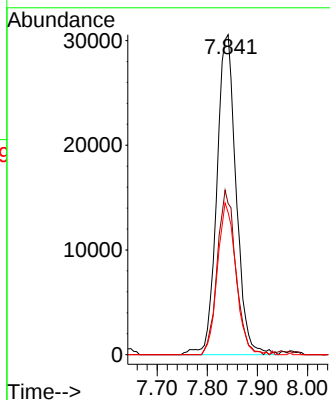
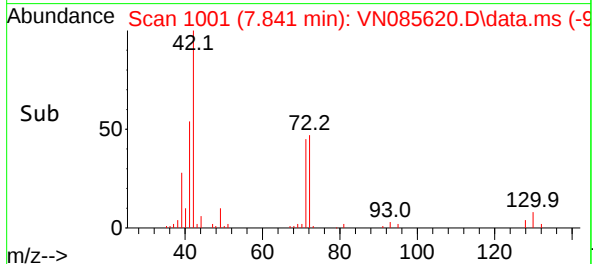
Instrument :
MSVOA_N
ClientSampleId :
VN0203WBSD01



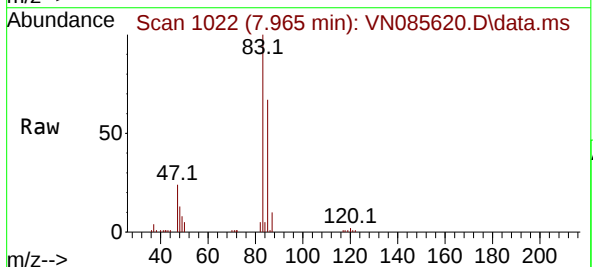
Tgt Ion: 42 Resp: 8186
Ion Ratio Lower Upper
42 100
72 49.1 34.2 51.2
71 45.7 32.5 48.7

Manual Integrations
APPROVED

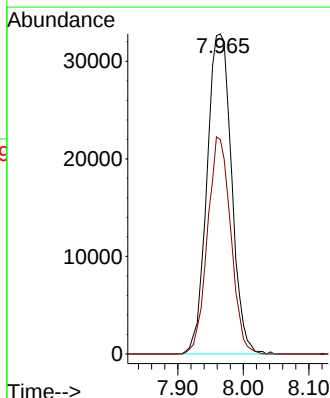
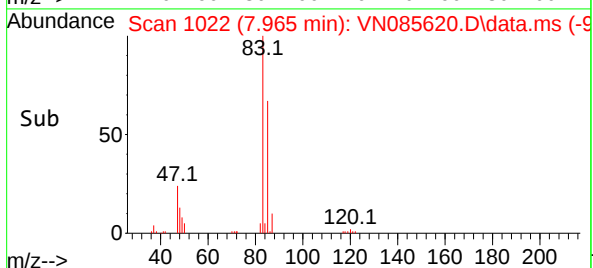
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025

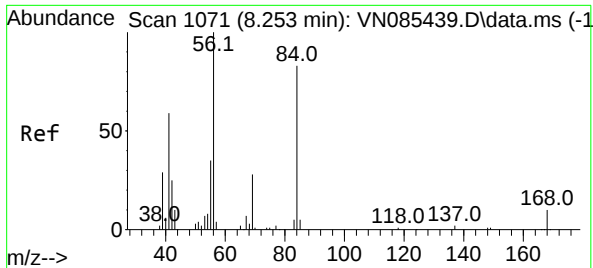


#30
Chloroform
Concen: 19.765 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VN085620.D
Acq: 03 Feb 2025 14:22



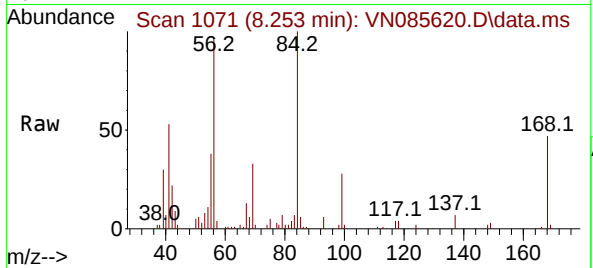
Tgt Ion: 83 Resp: 85403
Ion Ratio Lower Upper
83 100
85 67.0 51.8 77.6





#31
Cyclohexane
Concen: 15.428 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN085620.D
Acq: 03 Feb 2025 14:22

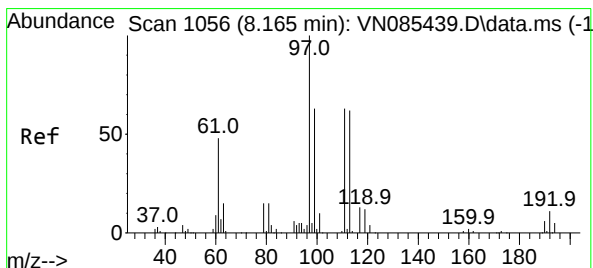
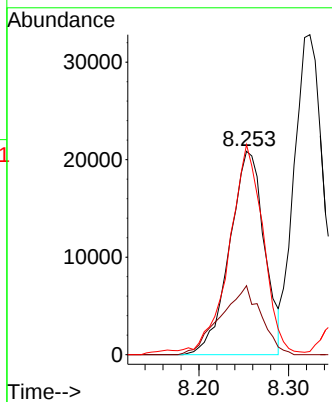
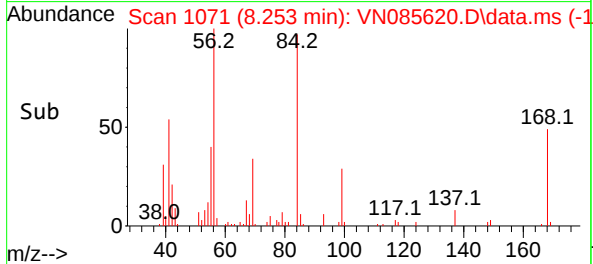
Instrument :
MSVOA_N
ClientSampleId :
VN0203WBSD01



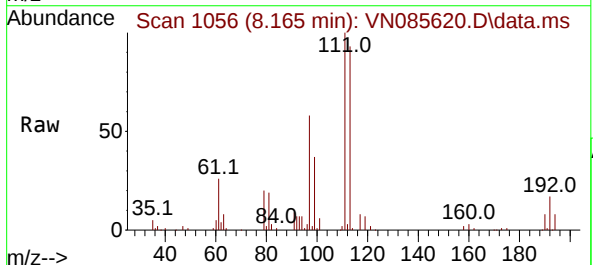
Tgt Ion: 56 Resp: 5606
Ion Ratio Lower Upper
56 100
69 33.9 22.2 33.4
84 101.3 66.4 99.6

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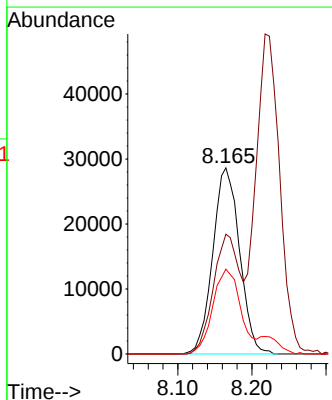
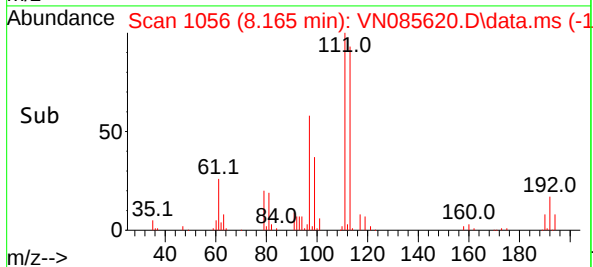
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025

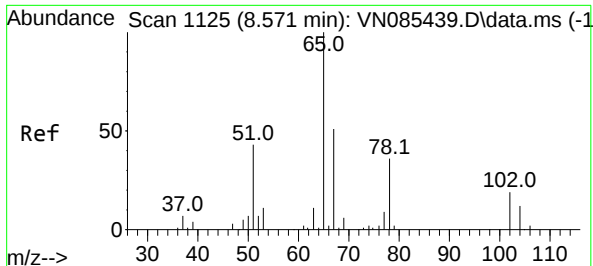


#32
1,1,1-Trichloroethane
Concen: 18.963 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN085620.D
Acq: 03 Feb 2025 14:22



Tgt Ion: 97 Resp: 71876
Ion Ratio Lower Upper
97 100
99 62.9 49.8 74.6
61 47.5 41.4 62.2





#33

1,2-Dichloroethane-d4

Concen: 47.978 ug/l

RT: 8.577 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VN085620.D

Acq: 03 Feb 2025 14:22

Instrument :

MSVOA_N

ClientSampleId :

VN0203WBSD01

Tgt Ion: 65 Resp: 137375

Ion Ratio Lower Upper

65 100

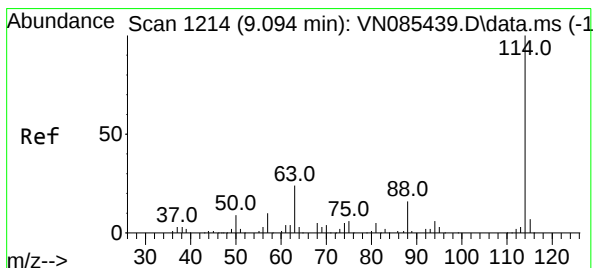
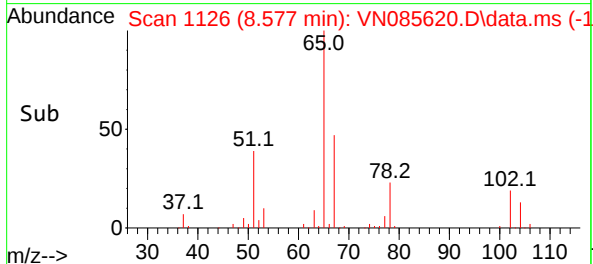
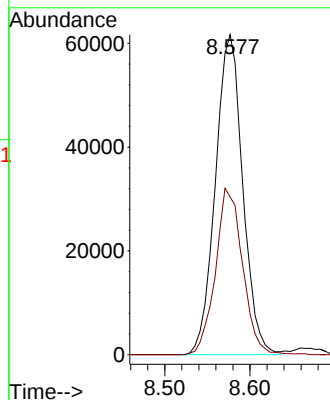
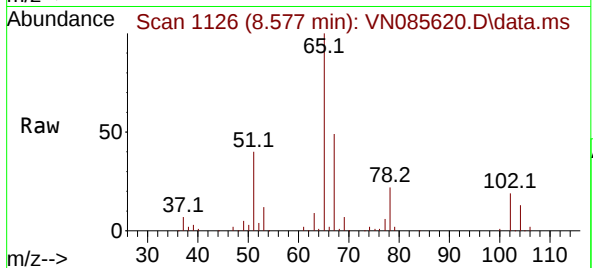
67 51.6 0.0 101.6

Manual Integrations

APPROVED

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: VN085620.D

Acq: 03 Feb 2025 14:22

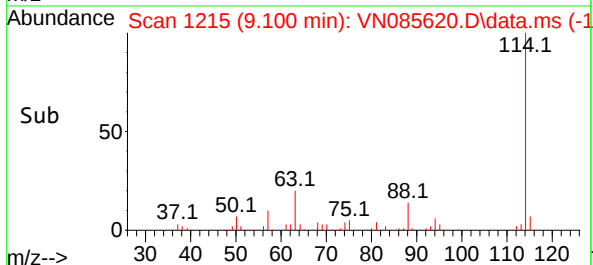
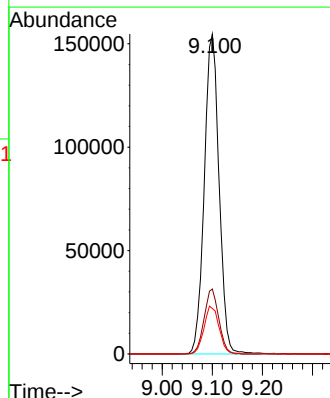
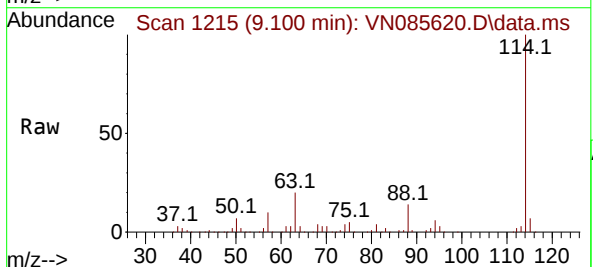
Tgt Ion:114 Resp: 316818

Ion Ratio Lower Upper

114 100

63 20.3 0.0 47.6

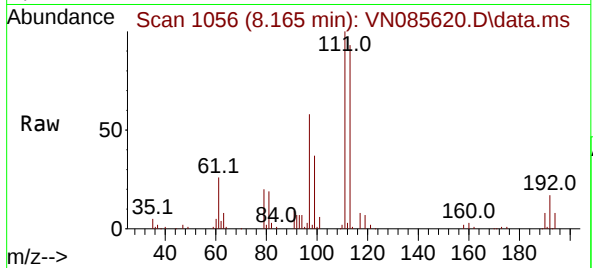
88 14.2 0.0 32.6





#35
Dibromofluoromethane
Concen: 51.027 ug/l
RT: 8.165 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VN085620.D
Acq: 03 Feb 2025 14:22

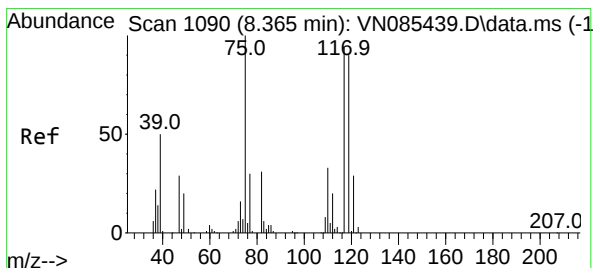
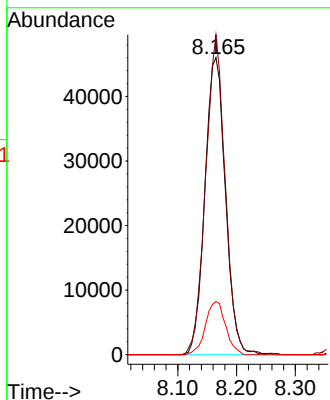
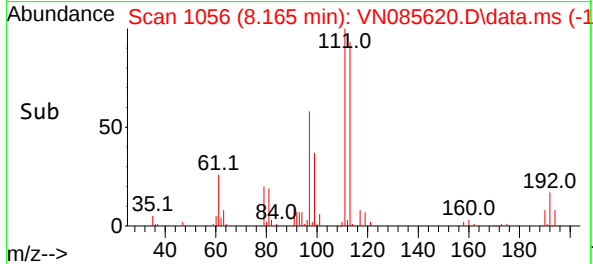
Instrument :
MSVOA_N
ClientSampleId :
VN0203WBSD01



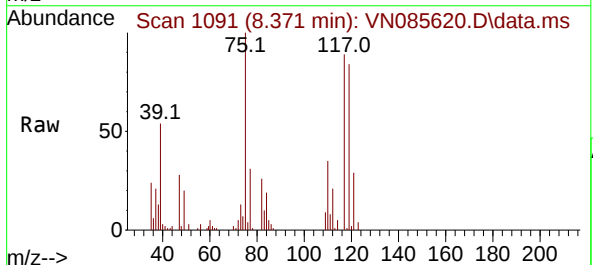
Tgt Ion: 113 Resp: 112154
Ion Ratio Lower Upper
113 100
111 102.3 82.7 124.1
192 17.5 14.3 21.5

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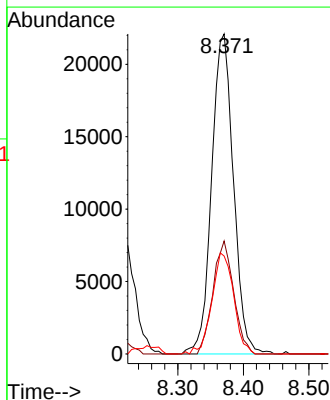
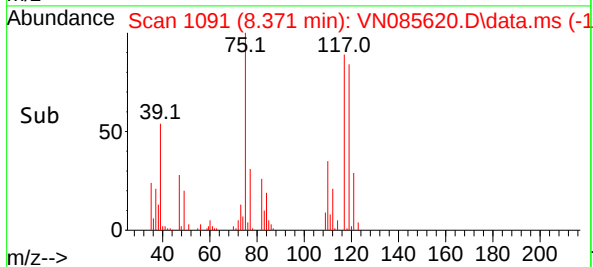
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025

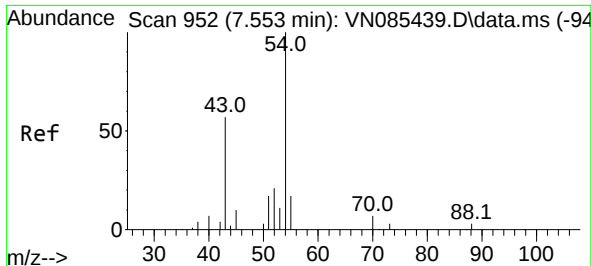


#36
1,1-Dichloropropene
Concen: 16.536 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN085620.D
Acq: 03 Feb 2025 14:22



Tgt Ion: 75 Resp: 51010
Ion Ratio Lower Upper
75 100
110 33.6 16.5 49.5
77 31.5 24.4 36.6





#37

Ethyl Acetate

Concen: 16.682 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN085620.D

Acq: 03 Feb 2025 14:22

Instrument :

MSVOA_N

ClientSampleId :

VN0203WBSD01

Tgt Ion: 43 Resp: 5194

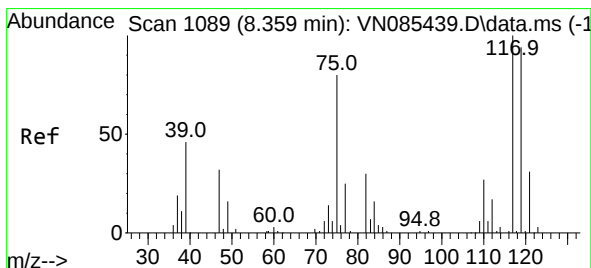
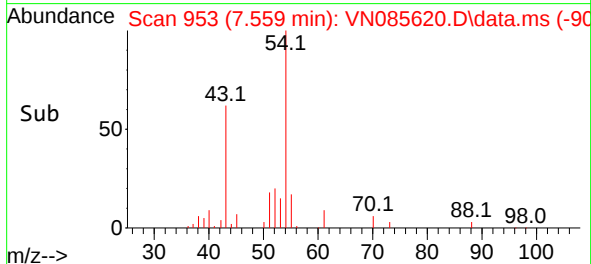
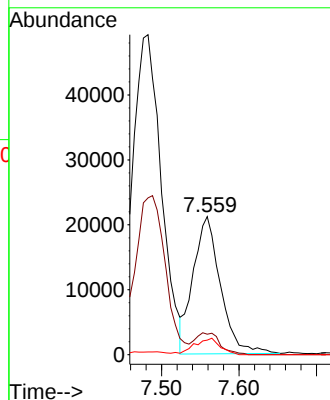
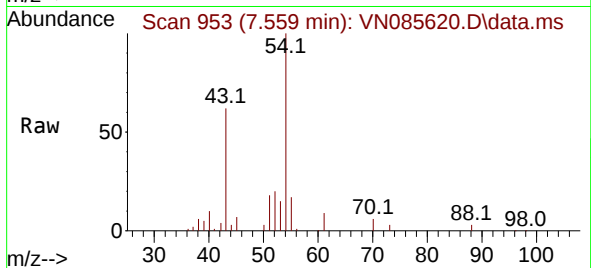
Ion	Ratio	Lower	Upper
43	100		
61	14.4	10.9	16.3
70	11.3	7.5	11.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/04/2025

Supervised By :Mahesh Dadoda 02/04/2025



#38

Carbon Tetrachloride

Concen: 17.819 ug/l

RT: 8.359 min Scan# 1089

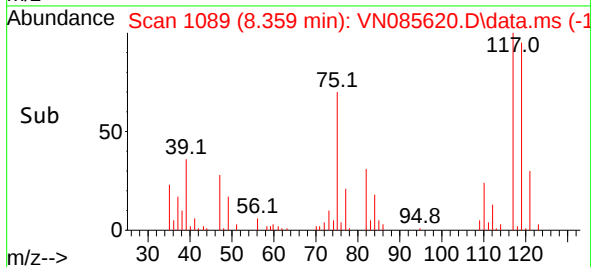
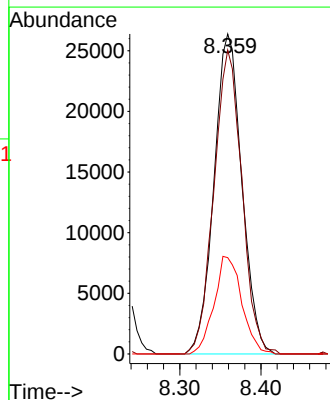
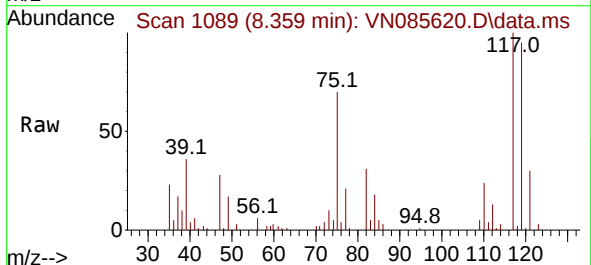
Delta R.T. -0.000 min

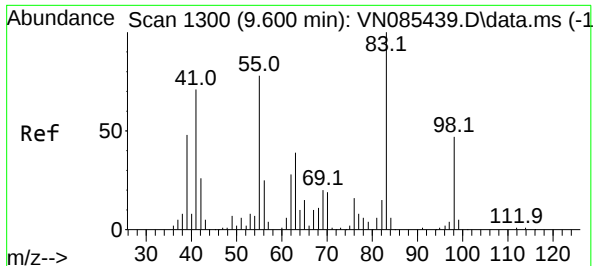
Lab File: VN085620.D

Acq: 03 Feb 2025 14:22

Tgt Ion:117 Resp: 62929

Ion	Ratio	Lower	Upper
117	100		
119	94.9	75.4	113.2
121	30.1	24.6	37.0





#39

Methylcyclohexane

Concen: 16.231 ug/l

RT: 9.594 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VN085620.D

Acq: 03 Feb 2025 14:22

Instrument :

MSVOA_N

ClientSampleId :

VN0203WBSD01

Tgt Ion: 83 Resp: 47049

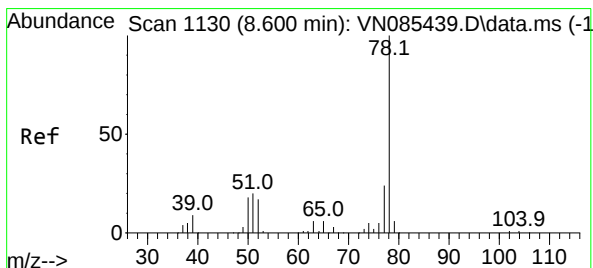
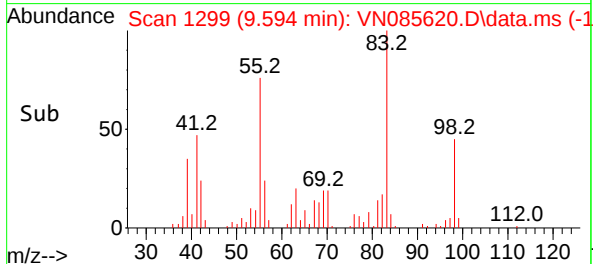
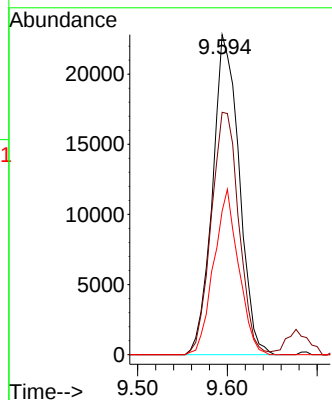
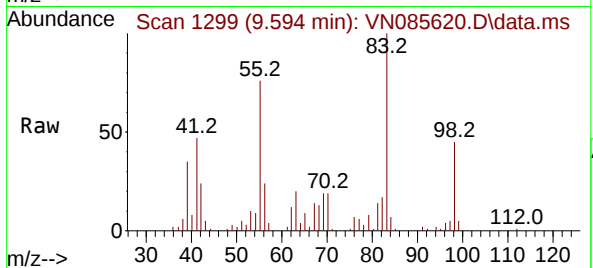
Ion	Ratio	Lower	Upper
83	100		
55	75.7	62.6	94.0
98	44.8	37.7	56.5

Manual Integrations

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Reviewed By :John Carlone 02/04/2025

Supervised By :Mahesh Dadoda 02/04/2025



#40

Benzene

Concen: 18.817 ug/l

RT: 8.600 min Scan# 1130

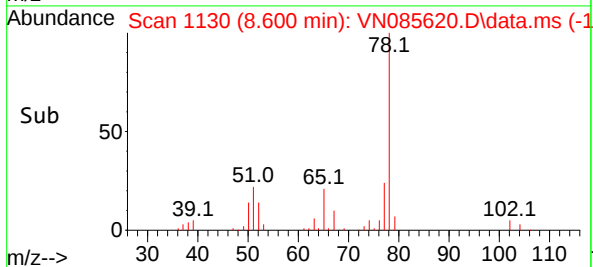
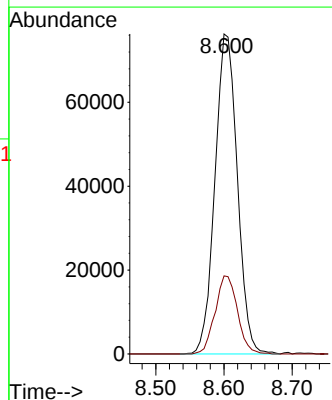
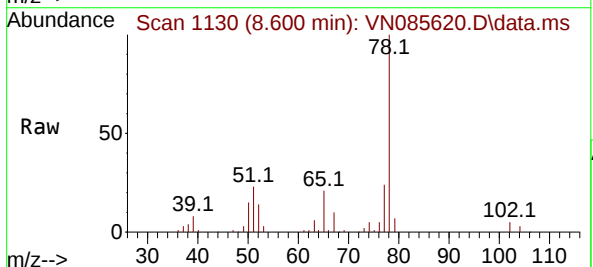
Delta R.T. -0.000 min

Lab File: VN085620.D

Acq: 03 Feb 2025 14:22

Tgt Ion: 78 Resp: 174408

Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.0	28.6





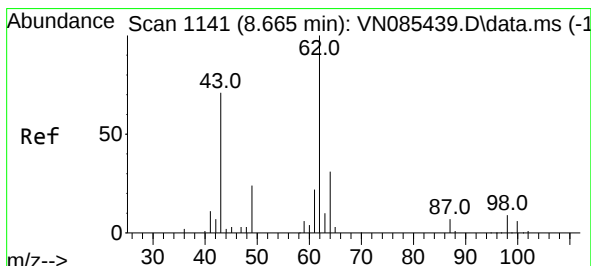
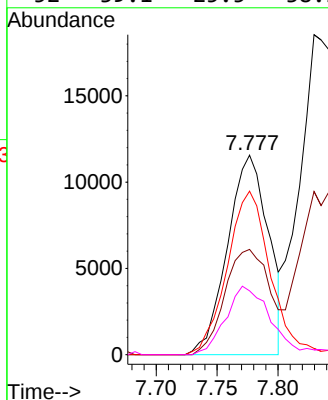
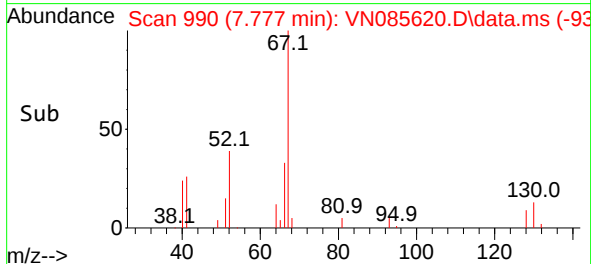
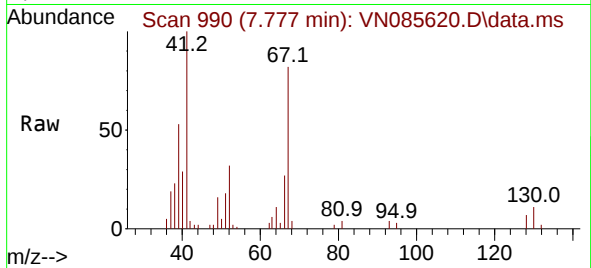
#41
Methacrylonitrile
Concen: 16.648 ug/l
RT: 7.777 min Scan# 989
Delta R.T. 0.006 min
Lab File: VN085620.D
Acq: 03 Feb 2025 14:22

Instrument :
MSVOA_N
ClientSampleId :
VN0203WBSD01

Tgt Ion: 41 Resp: 2696
Ion Ratio Lower Upper
41 100
39 60.7 46.0 69.0
67 86.5 57.4 86.2
52 39.1 25.5 38.3

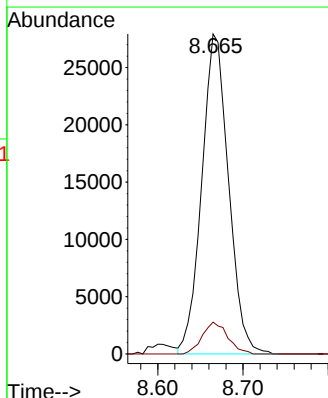
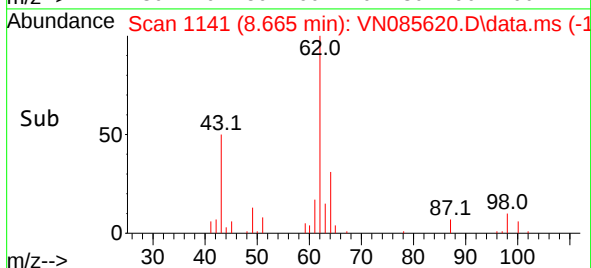
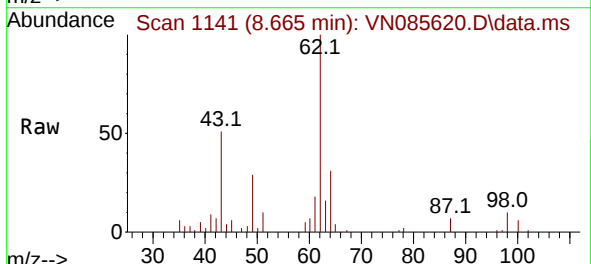
Manual Integrations
APPROVED

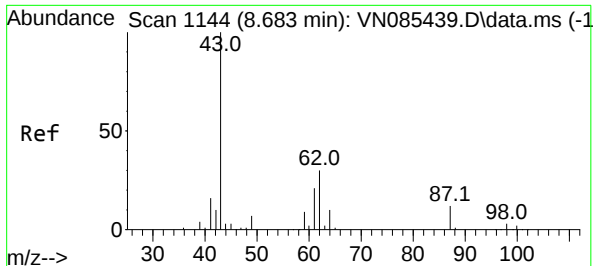
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#42
1,2-Dichloroethane
Concen: 17.512 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN085620.D
Acq: 03 Feb 2025 14:22

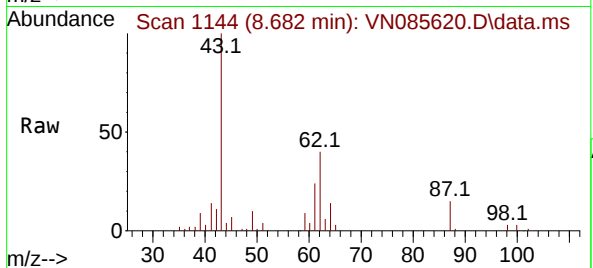
Tgt Ion: 62 Resp: 61132
Ion Ratio Lower Upper
62 100
98 9.5 0.0 17.0





#43
Isopropyl Acetate
Concen: 18.267 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN085620.D
Acq: 03 Feb 2025 14:22

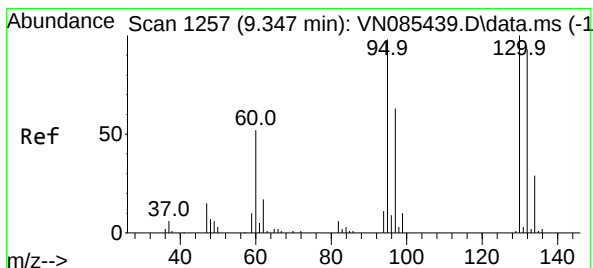
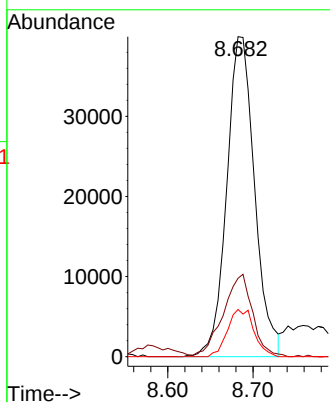
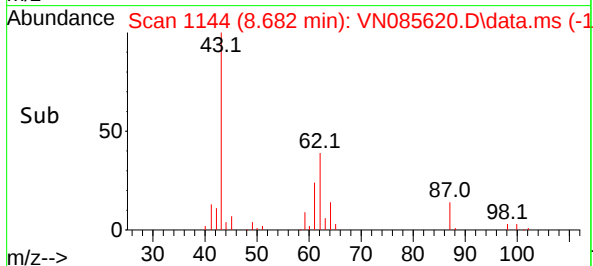
Instrument :
MSVOA_N
ClientSampleId :
VN0203WBSD01



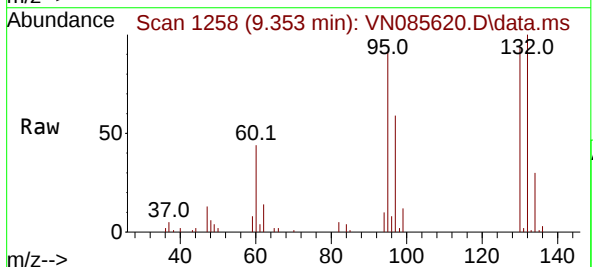
Tgt Ion: 43 Resp: 91130
Ion Ratio Lower Upper
43 100
61 27.0 20.7 31.1
87 14.0 9.8 14.8

Manual Integrations
APPROVED

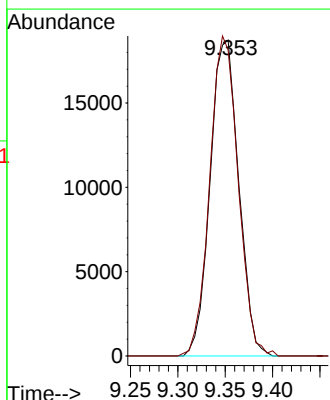
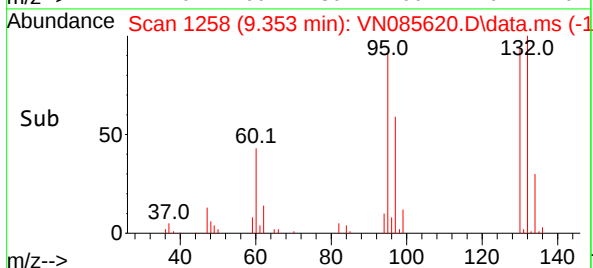
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025

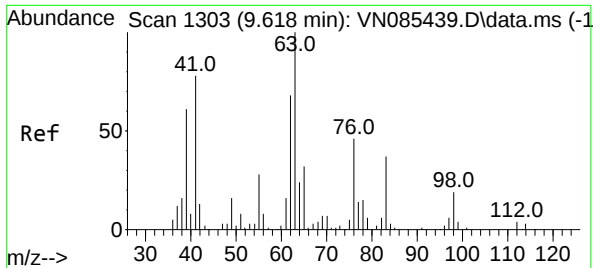


#44
Trichloroethene
Concen: 18.200 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN085620.D
Acq: 03 Feb 2025 14:22



Tgt Ion:130 Resp: 39267
Ion Ratio Lower Upper
130 100
95 96.9 0.0 195.8





#45

1,2-Dichloropropane

Concen: 18.712 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN085620.D

Acq: 03 Feb 2025 14:22

Instrument :

MSVOA_N

ClientSampleId :

VN0203WBSD01

Tgt Ion: 63 Resp: 4430

Ion Ratio Lower Upper

63 100

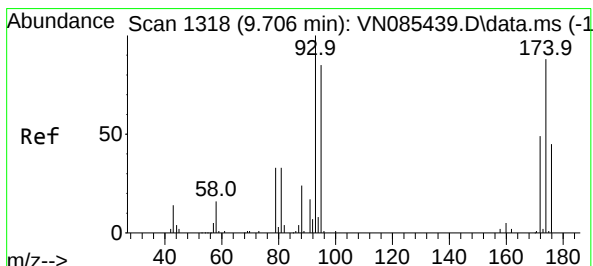
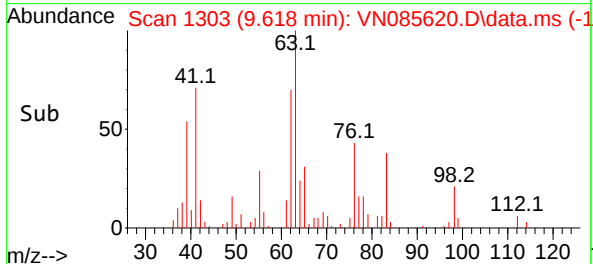
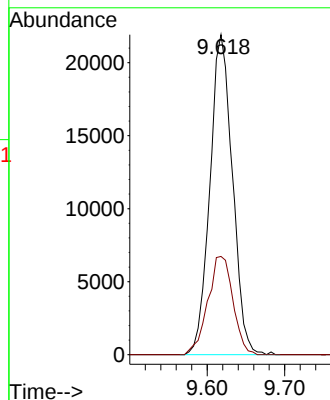
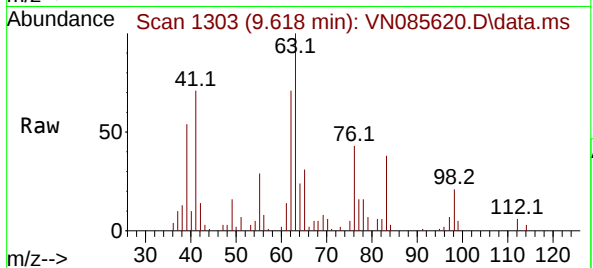
65 30.7 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/04/2025

Supervised By :Mahesh Dadoda 02/04/2025



#46

Dibromomethane

Concen: 19.205 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN085620.D

Acq: 03 Feb 2025 14:22

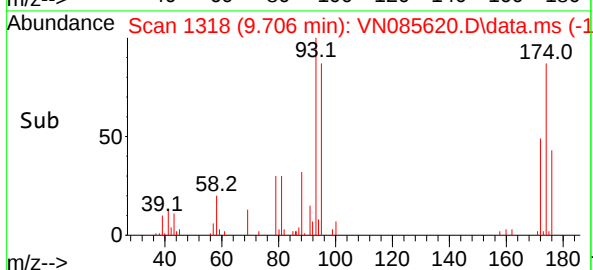
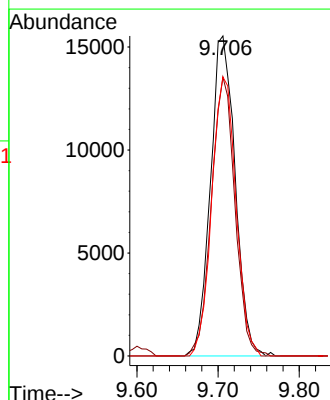
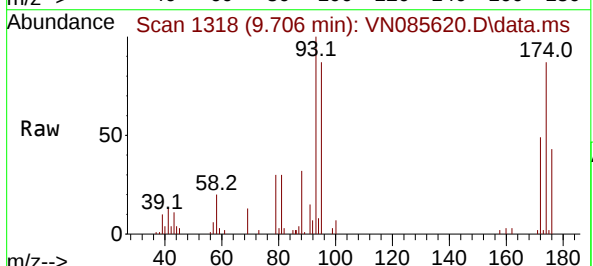
Tgt Ion: 93 Resp: 32808

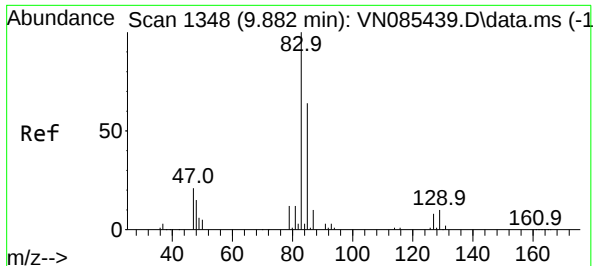
Ion Ratio Lower Upper

93 100

95 83.2 64.7 97.1

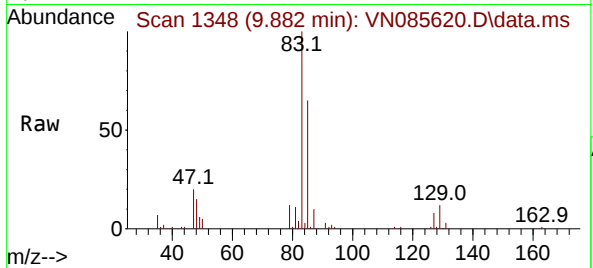
174 85.8 69.0 103.4





#47
Bromodichloromethane
Concen: 19.406 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VN085620.D
Acq: 03 Feb 2025 14:22

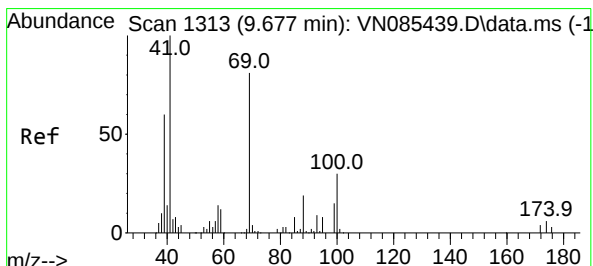
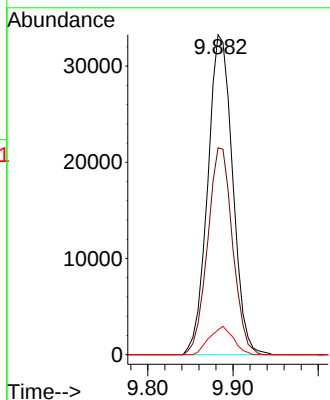
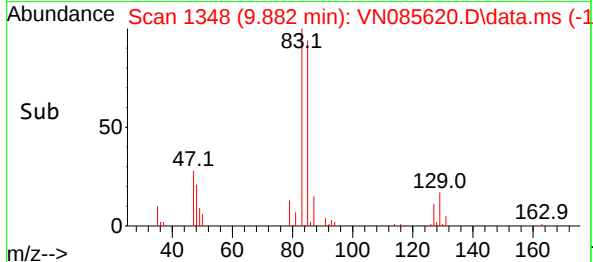
Instrument :
MSVOA_N
ClientSampleId :
VN0203WBSD01



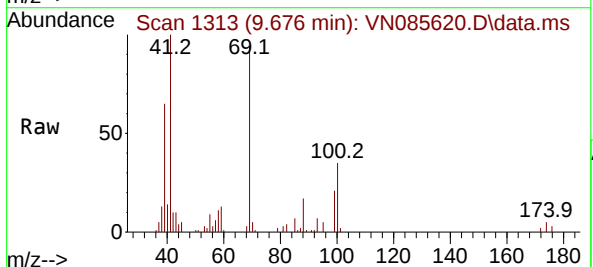
Tgt Ion: 83 Resp: 6753
Ion Ratio Lower Upper
83 100
85 64.7 51.2 76.8
127 7.8 6.5 9.7

Manual Integrations
APPROVED

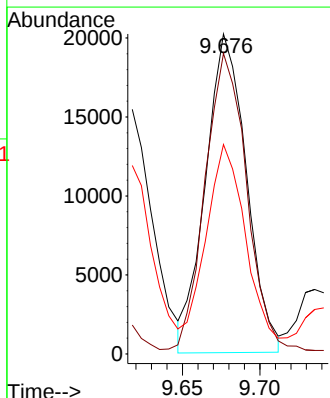
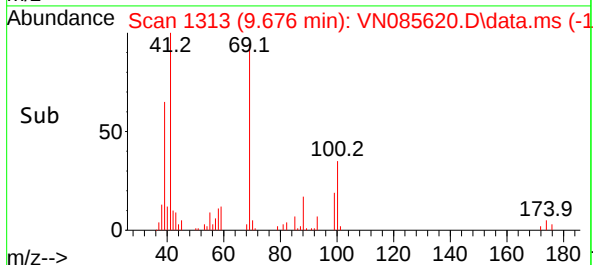
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025

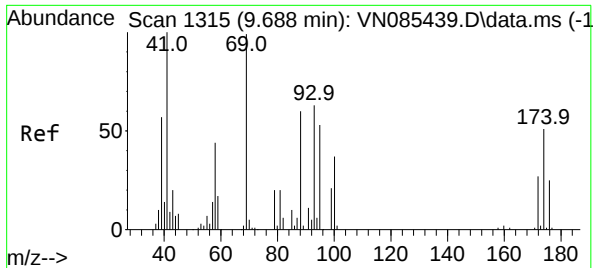


#48
Methyl methacrylate
Concen: 16.475 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. -0.001 min
Lab File: VN085620.D
Acq: 03 Feb 2025 14:22



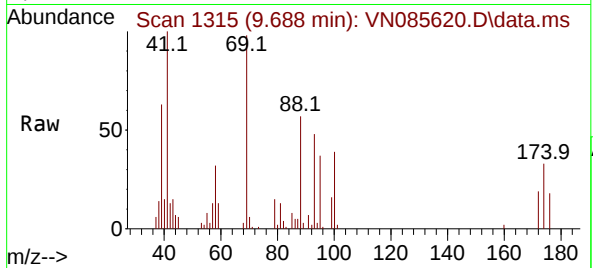
Tgt Ion: 41 Resp: 36989
Ion Ratio Lower Upper
41 100
69 98.2 64.7 97.1#
39 65.0 49.0 73.6





#49
1,4-Dioxane
Concen: 424.978 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VN085620.D
Acq: 03 Feb 2025 14:22

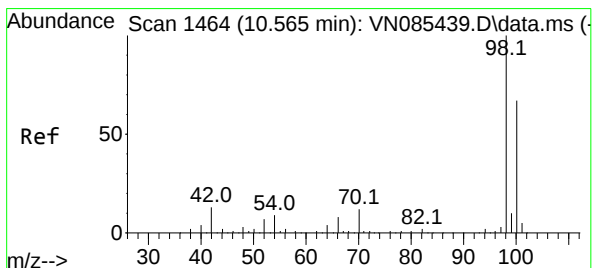
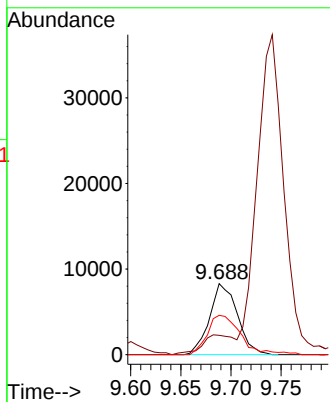
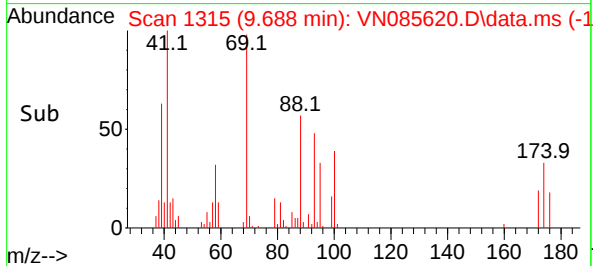
Instrument :
MSVOA_N
ClientSampleId :
VN0203WBSD01



Tgt Ion: 88 Resp: 16068
Ion Ratio Lower Upper
88 100
43 28.5 26.6 39.8
58 66.3 59.5 89.3

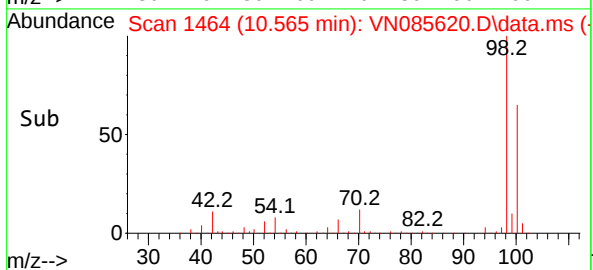
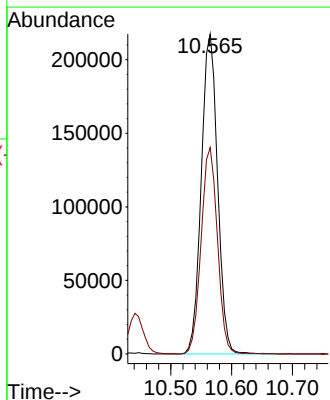
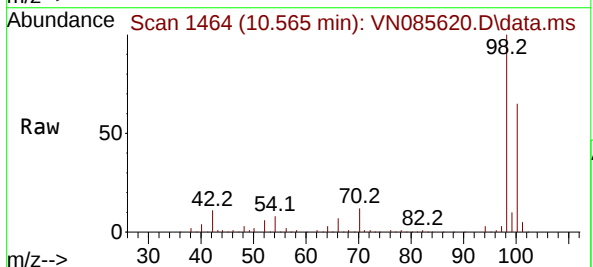
Manual Integrations
APPROVED

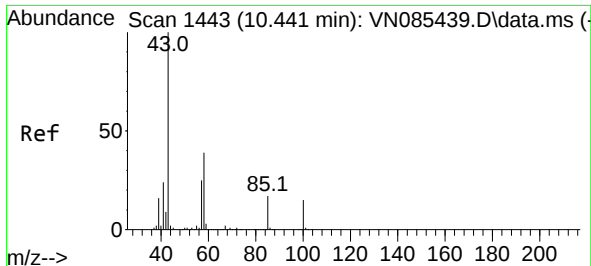
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#50
Toluene-d8
Concen: 51.716 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085620.D
Acq: 03 Feb 2025 14:22

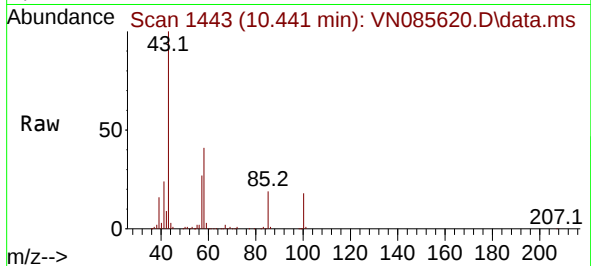
Tgt Ion: 98 Resp: 403865
Ion Ratio Lower Upper
98 100
100 64.6 52.2 78.4





#51
4-Methyl-2-Pentanone
Concen: 95.585 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085620.D
Acq: 03 Feb 2025 14:22

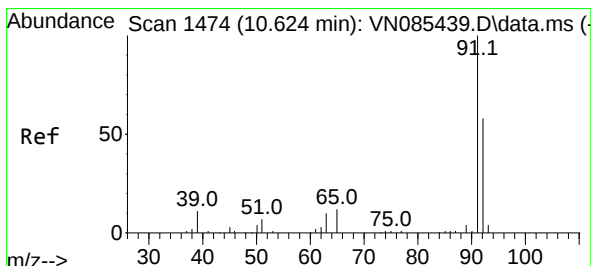
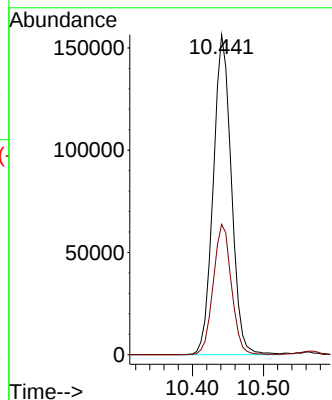
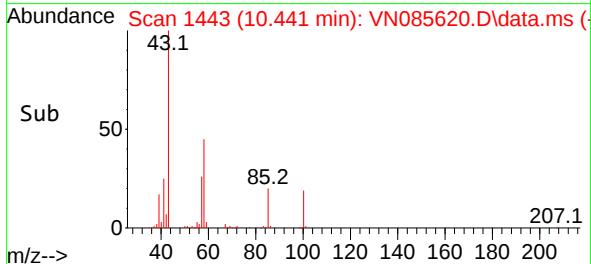
Instrument :
MSVOA_N
ClientSampleId :
VN0203WBSD01



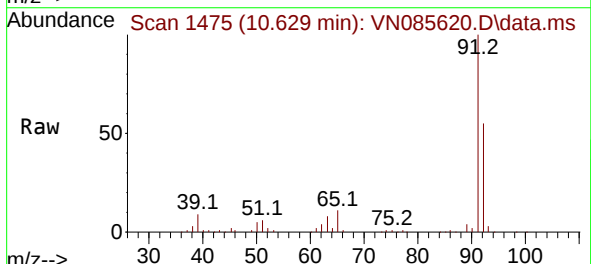
Tgt Ion: 43 Resp: 276729
Ion Ratio Lower Upper
43 100
58 40.9 30.5 45.7

Manual Integrations
APPROVED

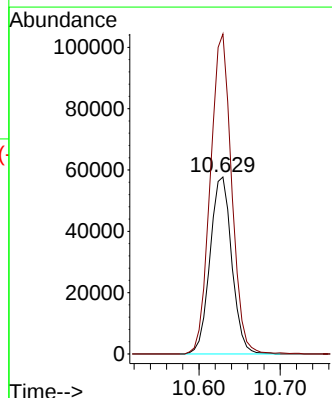
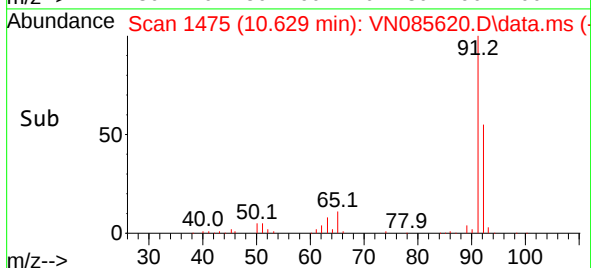
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025

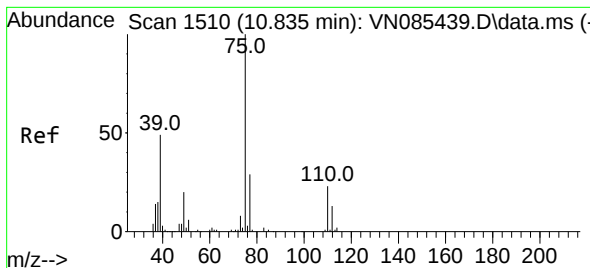


#52
Toluene
Concen: 19.972 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.005 min
Lab File: VN085620.D
Acq: 03 Feb 2025 14:22



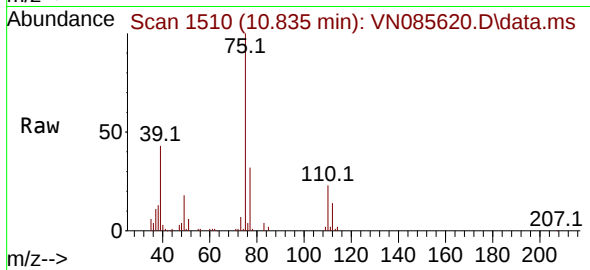
Tgt Ion: 92 Resp: 107257
Ion Ratio Lower Upper
92 100
91 177.6 139.2 208.8





#53
t-1,3-Dichloropropene
Concen: 19.230 ug/l
RT: 10.835 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085620.D
Acq: 03 Feb 2025 14:22

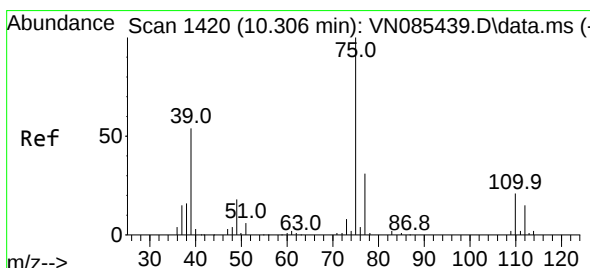
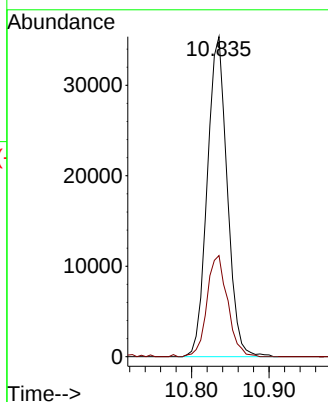
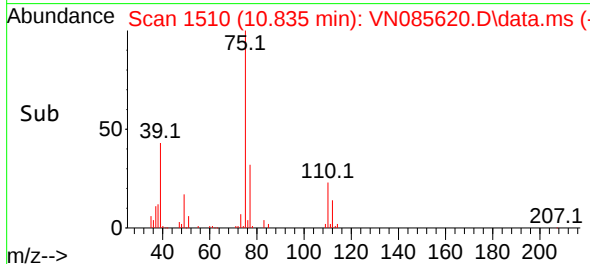
Instrument :
MSVOA_N
ClientSampleId :
VN0203WBSD01



Tgt Ion: 75 Resp: 63248
Ion Ratio Lower Upper
75 100
77 31.6 23.5 35.3

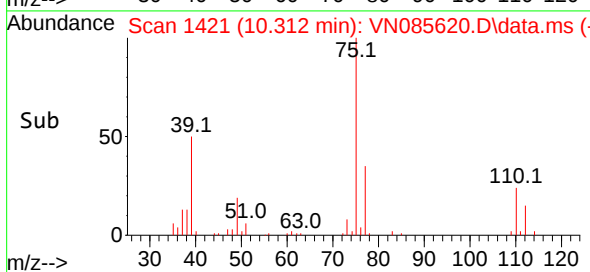
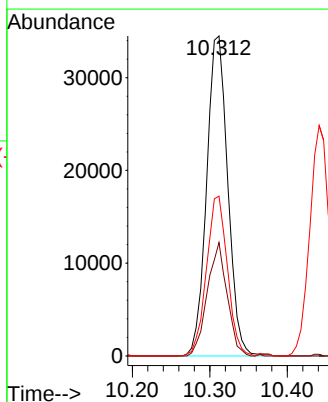
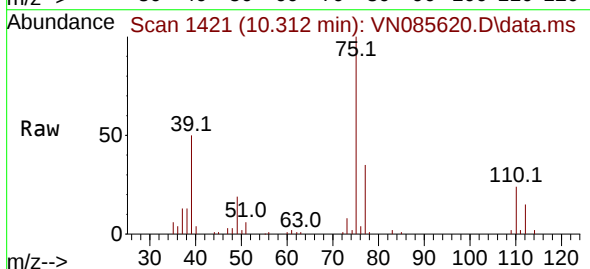
Manual Integrations
APPROVED

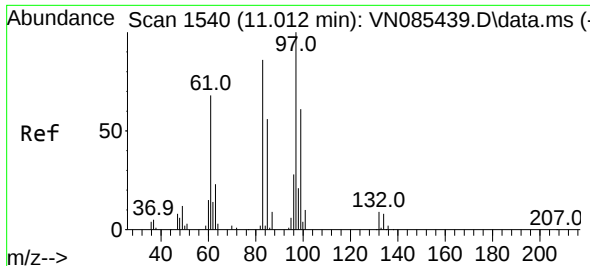
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#54
cis-1,3-Dichloropropene
Concen: 18.645 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.006 min
Lab File: VN085620.D
Acq: 03 Feb 2025 14:22

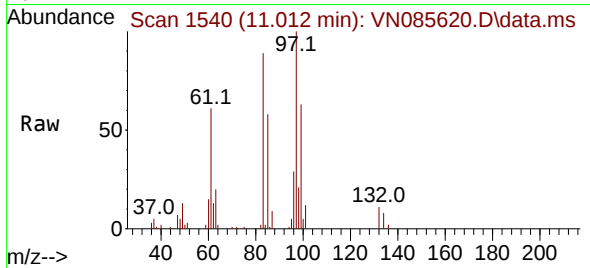
Tgt Ion: 75 Resp: 65503
Ion Ratio Lower Upper
75 100
77 35.5 25.0 37.4
39 49.9 43.1 64.7





#55
1,1,2-Trichloroethane
Concen: 20.714 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN085620.D
Acq: 03 Feb 2025 14:22

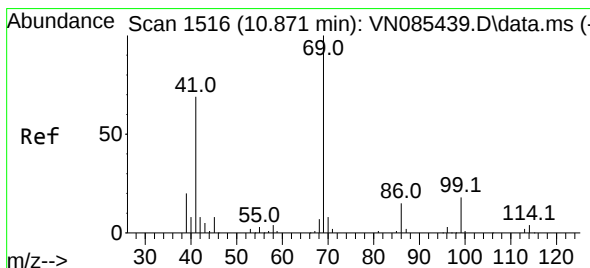
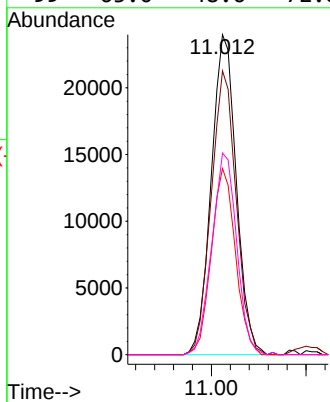
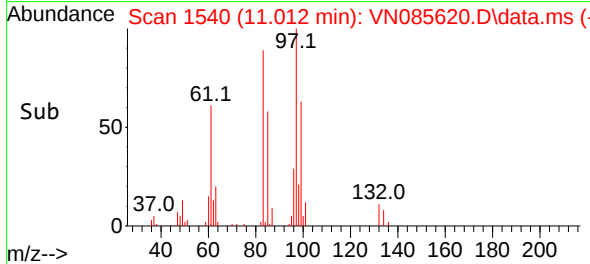
Instrument :
MSVOA_N
ClientSampleId :
VN0203WBSD01



Tgt Ion: 97 Resp: 44024
Ion Ratio Lower Upper
97 100
83 88.7 69.0 103.6
85 58.2 44.6 66.8
99 63.0 48.6 72.8

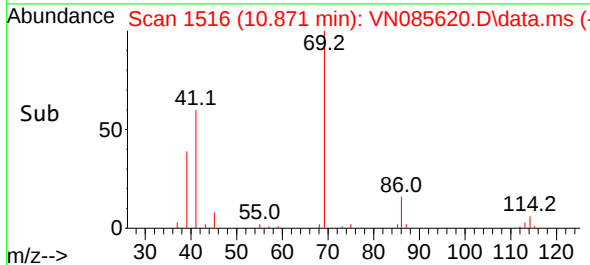
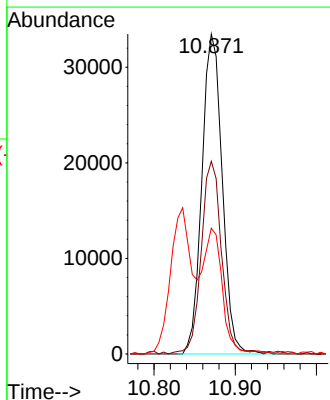
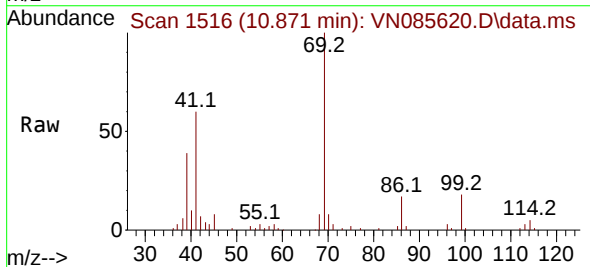
Manual Integrations
APPROVED

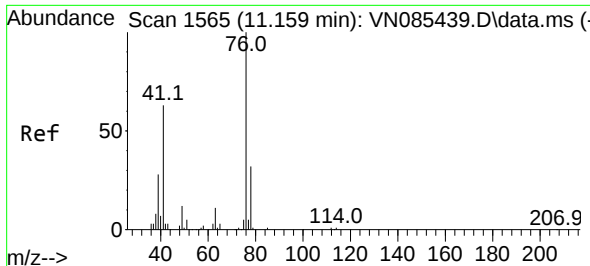
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#56
Ethyl methacrylate
Concen: 17.556 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN085620.D
Acq: 03 Feb 2025 14:22

Tgt Ion: 69 Resp: 58187
Ion Ratio Lower Upper
69 100
41 60.2 54.6 82.0
39 35.6 32.4 48.6





#57

1,3-Dichloropropane

Concen: 20.199 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. -0.000 min

Lab File: VN085620.D

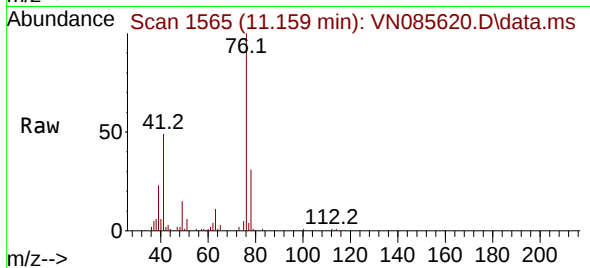
Acq: 03 Feb 2025 14:22

Instrument :

MSVOA_N

ClientSampleId :

VN0203WBSD01



Tgt Ion: 76 Resp: 74640

Ion Ratio Lower Upper

76 100

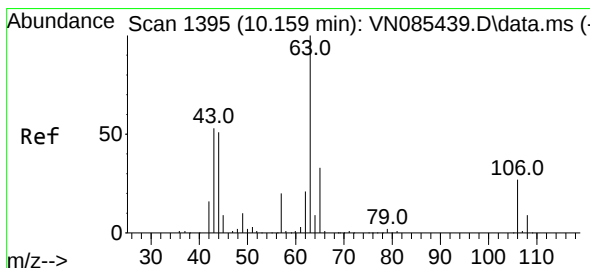
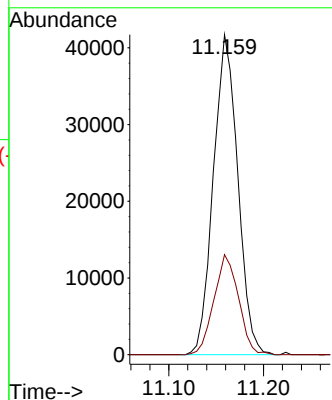
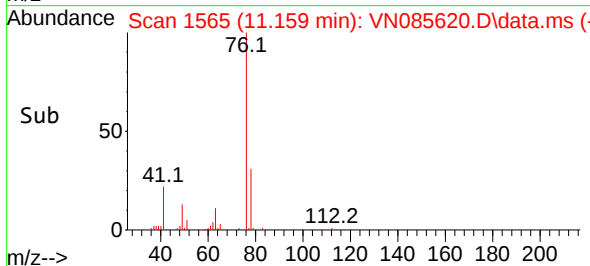
78 31.5 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/04/2025

Supervised By :Mahesh Dadoda 02/04/2025



#58

2-Chloroethyl Vinyl ether

Concen: 79.007 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN085620.D

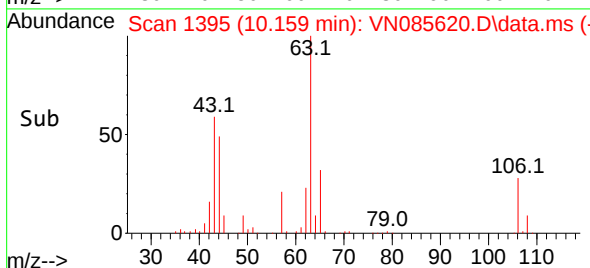
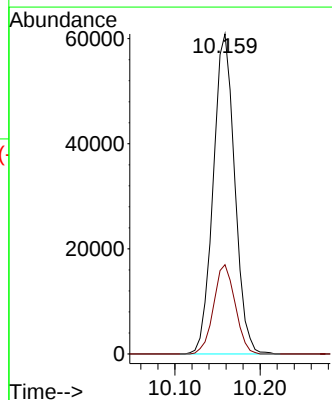
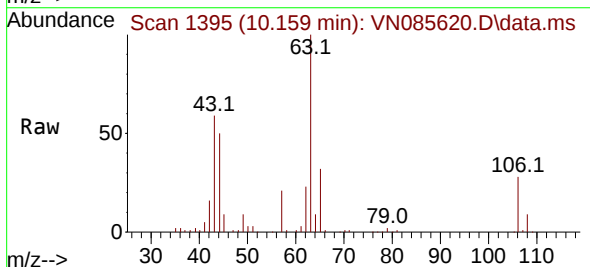
Acq: 03 Feb 2025 14:22

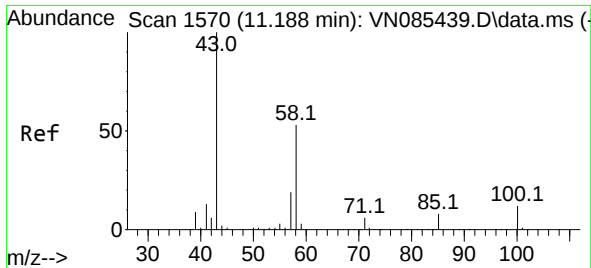
Tgt Ion: 63 Resp: 106559

Ion Ratio Lower Upper

63 100

106 28.0 21.6 32.4





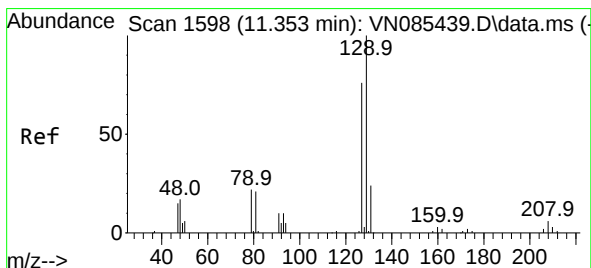
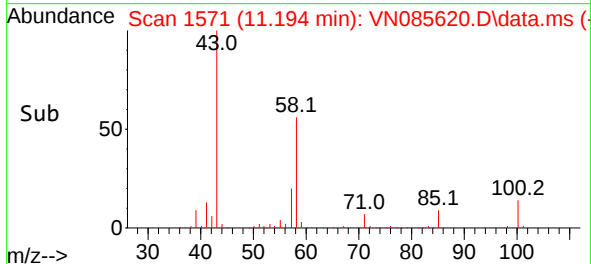
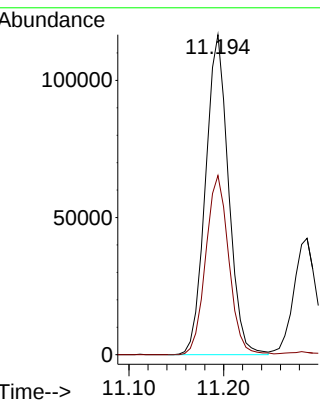
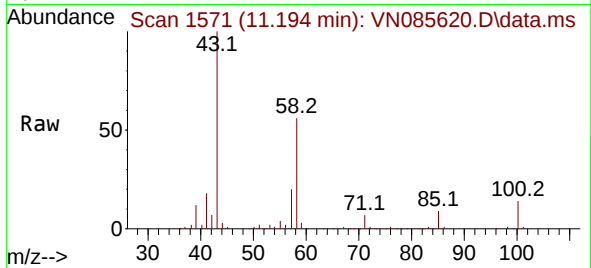
#59
2-Hexanone
Concen: 96.535 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.006 min
Lab File: VN085620.D
Acq: 03 Feb 2025 14:22

Instrument :
MSVOA_N
ClientSampleId :
VN0203WBSD01

Tgt Ion: 43 Resp: 19665
Ion Ratio Lower Upper
43 100
58 56.2 26.2 78.6

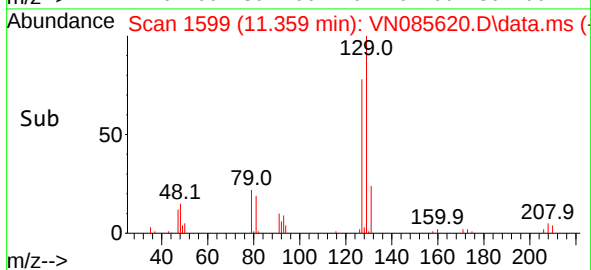
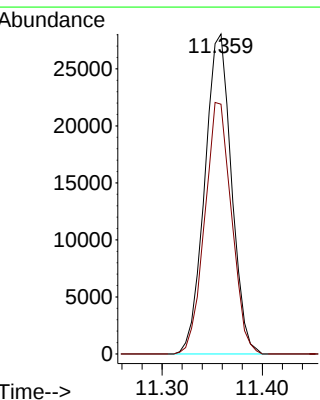
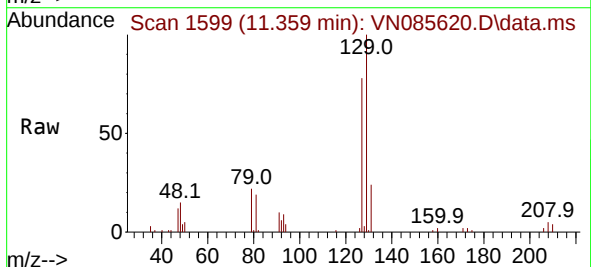
Manual Integrations
APPROVED

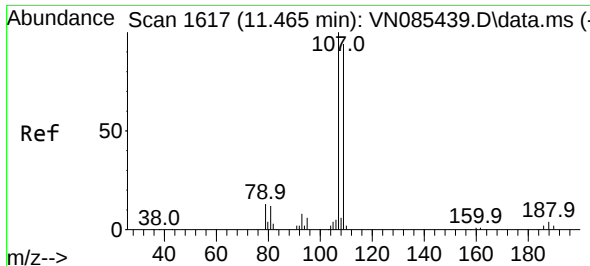
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#60
Dibromochloromethane
Concen: 20.240 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VN085620.D
Acq: 03 Feb 2025 14:22

Tgt Ion:129 Resp: 51933
Ion Ratio Lower Upper
129 100
127 78.6 38.6 115.8





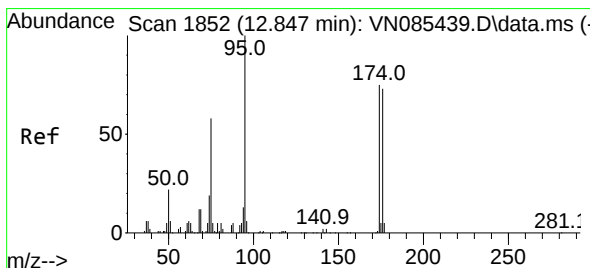
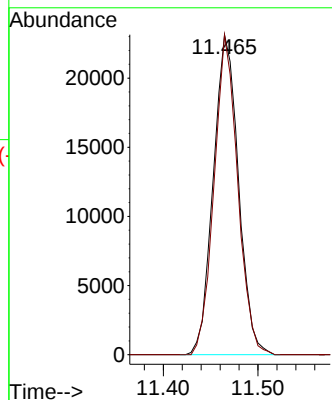
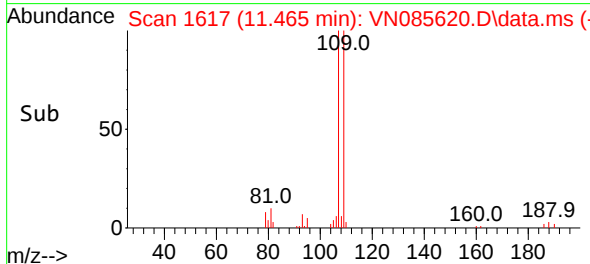
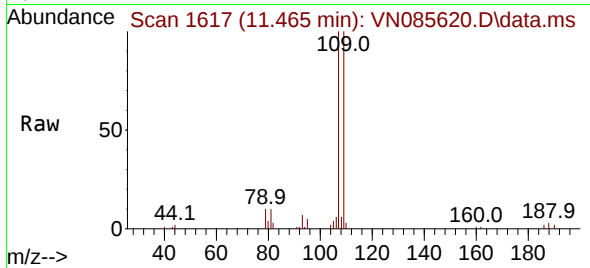
#61
1,2-Dibromoethane
Concen: 20.183 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN085620.D
Acq: 03 Feb 2025 14:22

Instrument :
MSVOA_N
ClientSampleId :
VN0203WBSD01

Tgt Ion:107 Resp: 42700
Ion Ratio Lower Upper
107 100
109 93.7 75.9 113.9

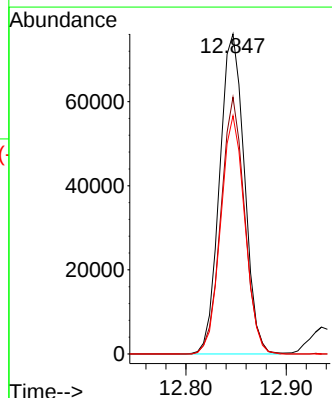
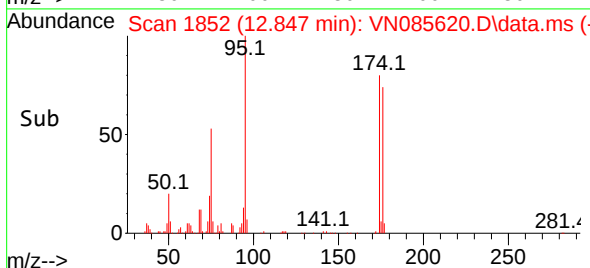
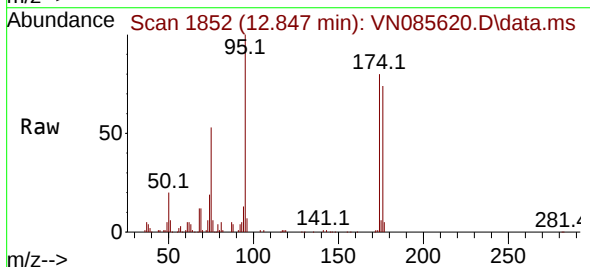
Manual Integrations
APPROVED

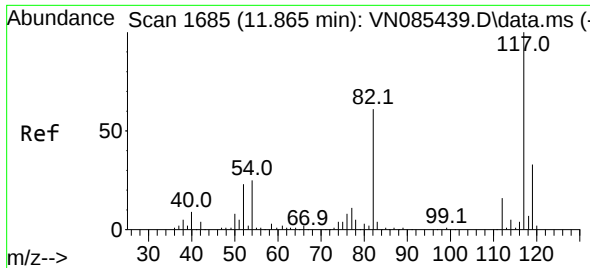
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#62
4-Bromofluorobenzene
Concen: 48.807 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085620.D
Acq: 03 Feb 2025 14:22

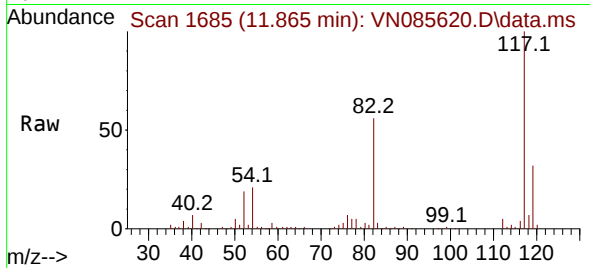
Tgt Ion: 95 Resp: 130381
Ion Ratio Lower Upper
95 100
174 76.8 0.0 145.0
176 72.7 0.0 142.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN085620.D
Acq: 03 Feb 2025 14:22

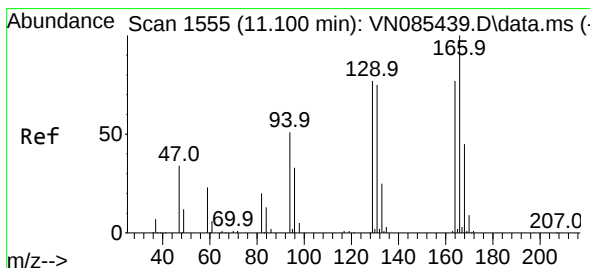
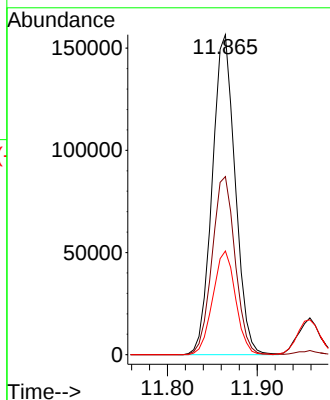
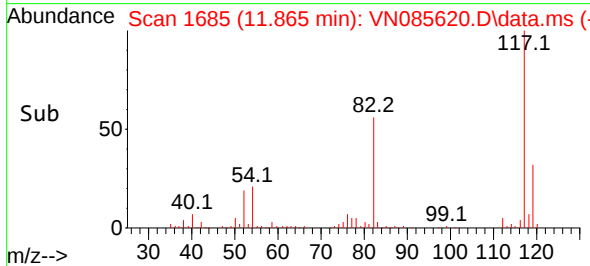
Instrument :
MSVOA_N
ClientSampleId :
VN0203WBSD01



Tgt Ion:117 Resp: 277592
Ion Ratio Lower Upper
117 100
82 55.7 48.6 72.8
119 32.4 26.6 39.8

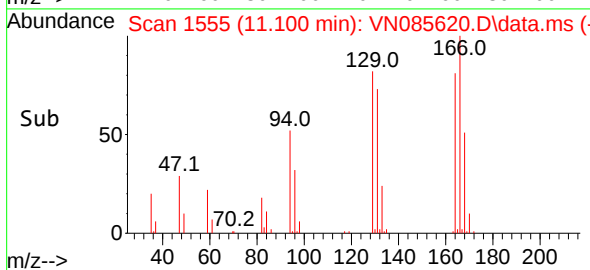
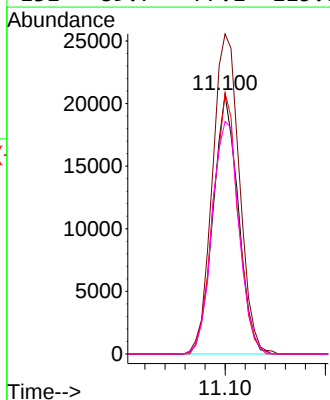
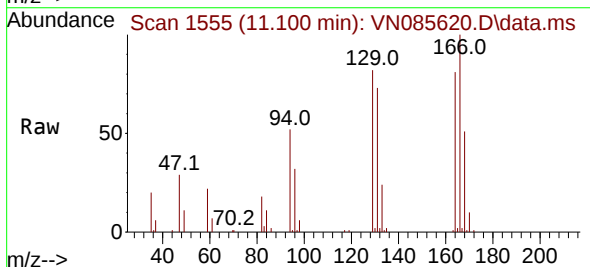
Manual Integrations
APPROVED

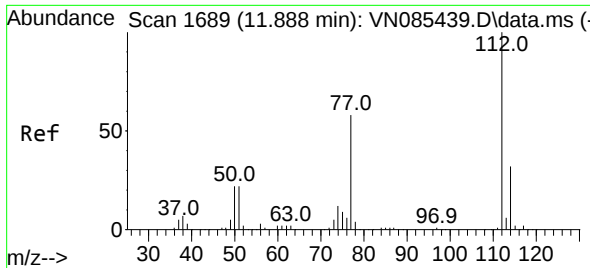
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#64
Tetrachloroethene
Concen: 19.076 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN085620.D
Acq: 03 Feb 2025 14:22

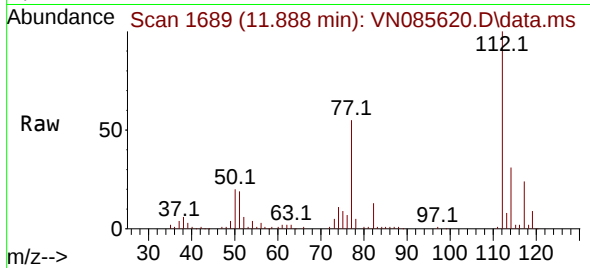
Tgt Ion:164 Resp: 36100
Ion Ratio Lower Upper
164 100
166 123.4 103.4 155.2
129 100.7 79.2 118.8
131 89.7 77.1 115.7





#65
Chlorobenzene
Concen: 19.628 ug/l
RT: 11.888 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN085620.D
Acq: 03 Feb 2025 14:22

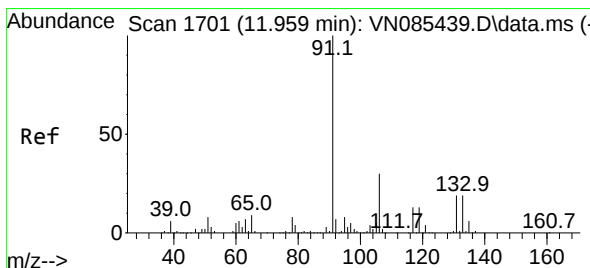
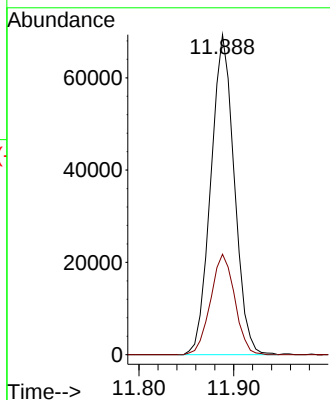
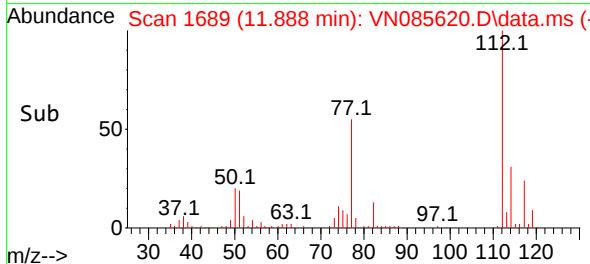
Instrument :
MSVOA_N
ClientSampleId :
VN0203WBSD01



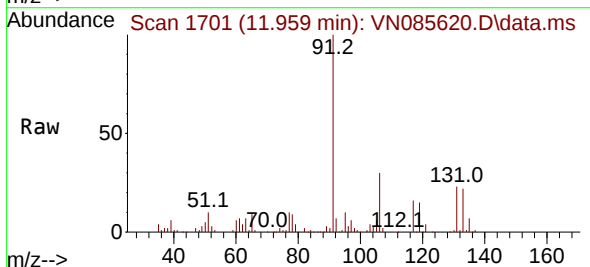
Tgt Ion:112 Resp: 119360
Ion Ratio Lower Upper
112 100
114 31.4 25.3 37.9

Manual Integrations
APPROVED

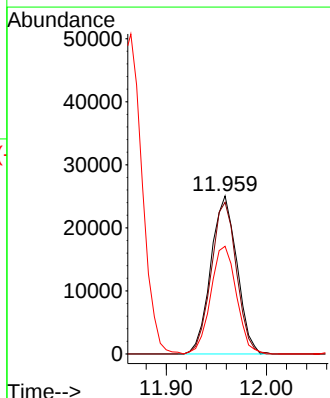
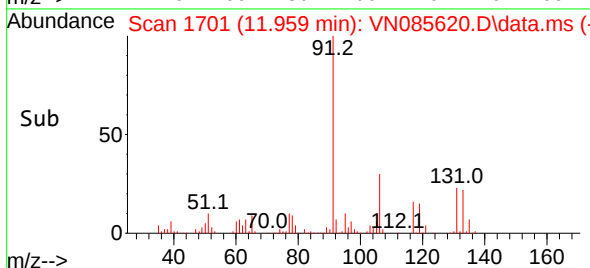
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025

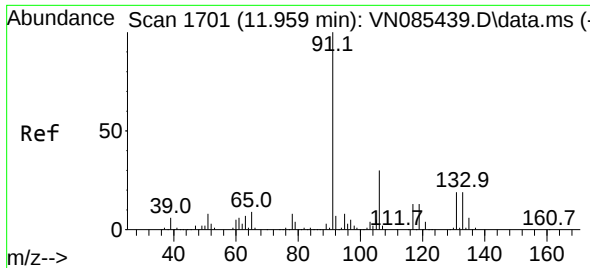


#66
1,1,1,2-Tetrachloroethane
Concen: 20.335 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085620.D
Acq: 03 Feb 2025 14:22



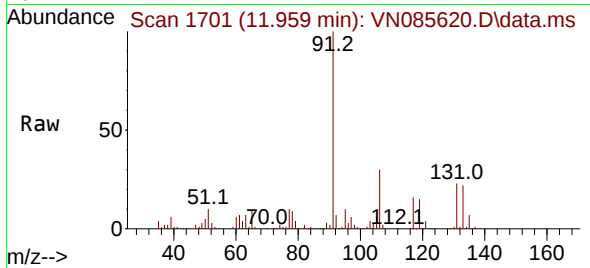
Tgt Ion:131 Resp: 45386
Ion Ratio Lower Upper
131 100
133 93.1 47.4 142.3
119 67.1 33.1 99.5





#67
Ethyl Benzene
Concen: 19.098 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085620.D
Acq: 03 Feb 2025 14:22

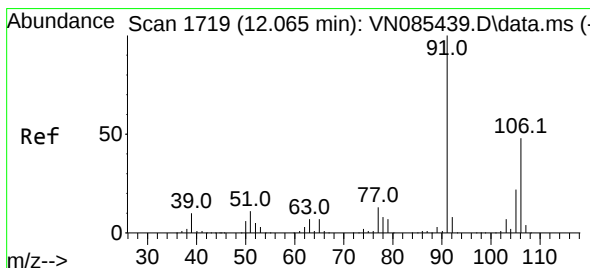
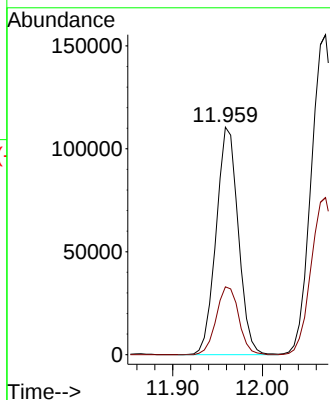
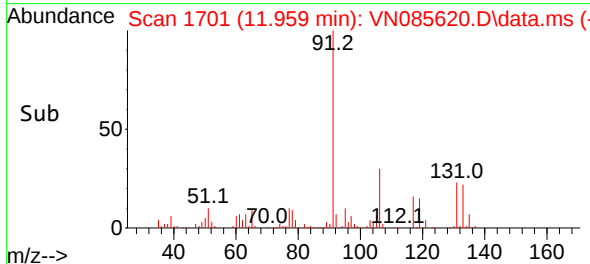
Instrument :
MSVOA_N
ClientSampleId :
VN0203WBSD01



Tgt Ion: 91 Resp: 189154
Ion Ratio Lower Upper
91 100
106 29.8 23.8 35.8

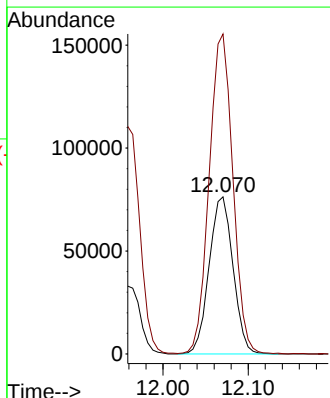
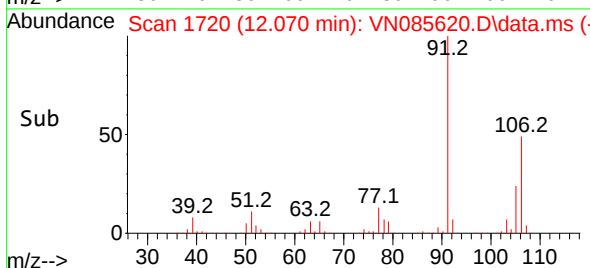
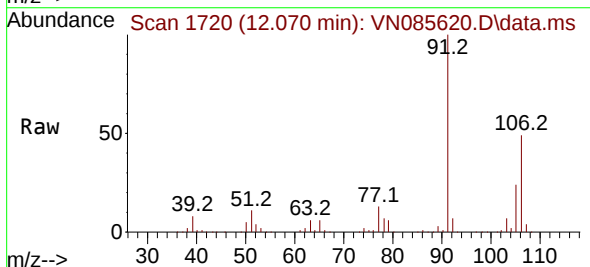
Manual Integrations
APPROVED

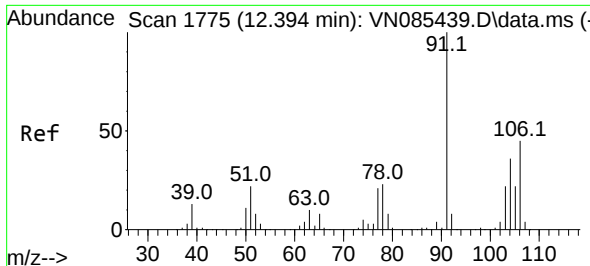
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#68
m/p-Xylenes
Concen: 40.628 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN085620.D
Acq: 03 Feb 2025 14:22

Tgt Ion:106 Resp: 148722
Ion Ratio Lower Upper
106 100
91 201.7 167.7 251.5





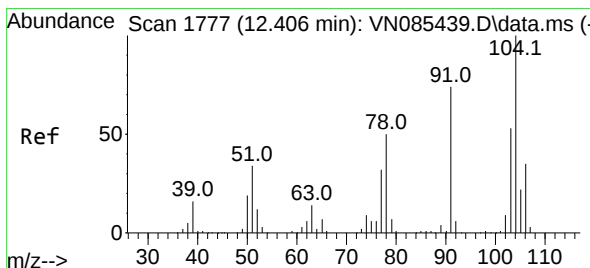
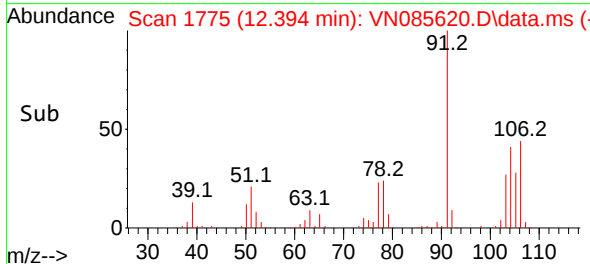
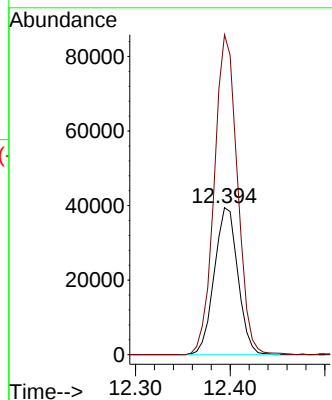
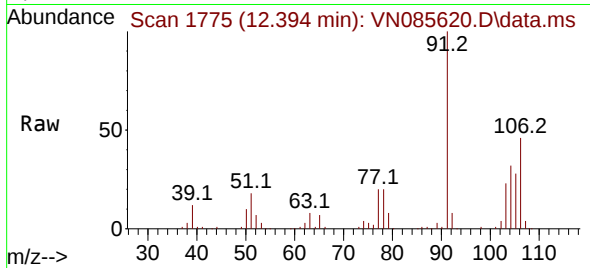
#69
o-Xylene
Concen: 19.519 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN085620.D
Acq: 03 Feb 2025 14:22

Instrument :
MSVOA_N
ClientSampleId :
VN0203WBSD01

Tgt Ion:106 Resp: 6828
Ion Ratio Lower Upper
106 100
91 214.1 110.4 331.2

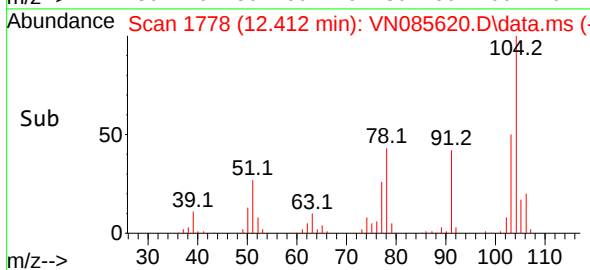
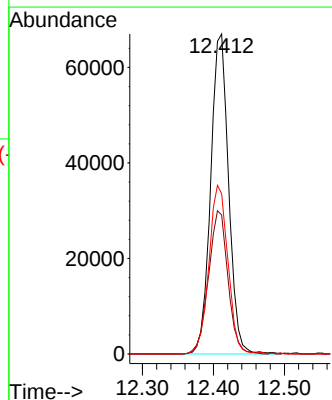
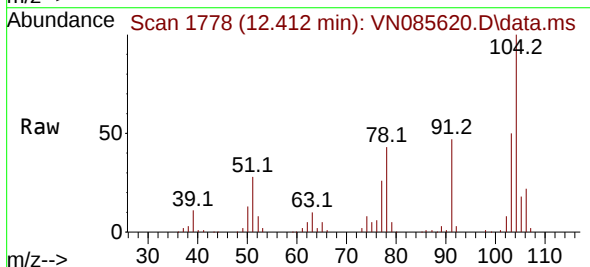
Manual Integrations
APPROVED

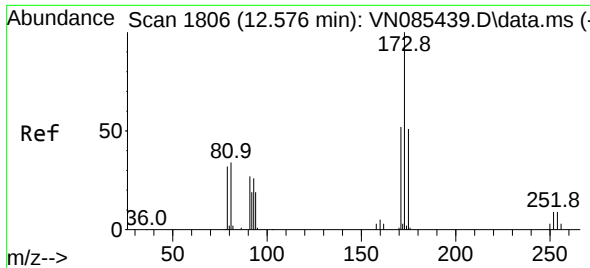
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#70
Styrene
Concen: 20.307 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN085620.D
Acq: 03 Feb 2025 14:22

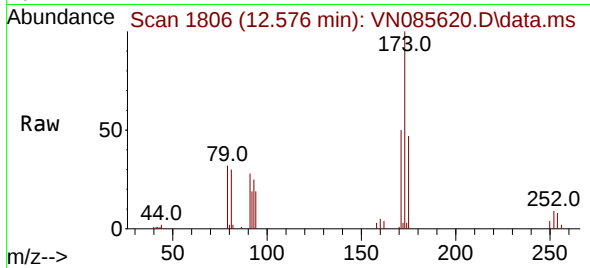
Tgt Ion:104 Resp: 117567
Ion Ratio Lower Upper
104 100
78 48.5 42.5 63.7
103 55.8 43.8 65.8





#71
Bromoform
Concen: 21.478 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN085620.D
Acq: 03 Feb 2025 14:22

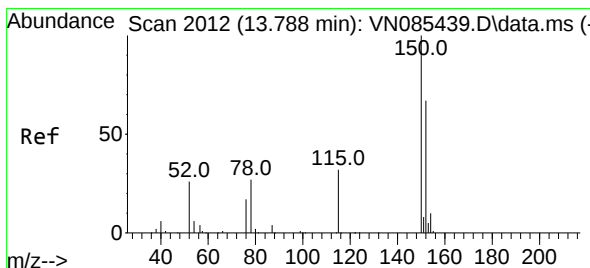
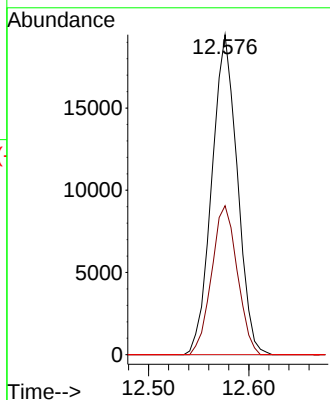
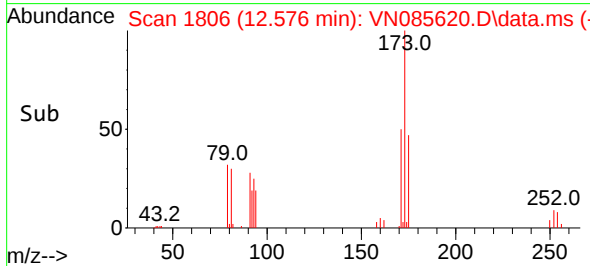
Instrument :
MSVOA_N
ClientSampleId :
VN0203WBSD01



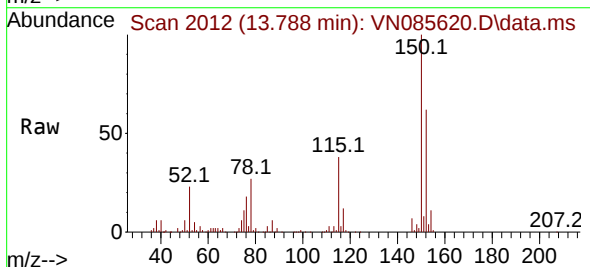
Tgt Ion:173 Resp: 34300
Ion Ratio Lower Upper
173 100
175 46.9 24.4 73.2
254 0.0 0.0 0.0

Manual Integrations
APPROVED

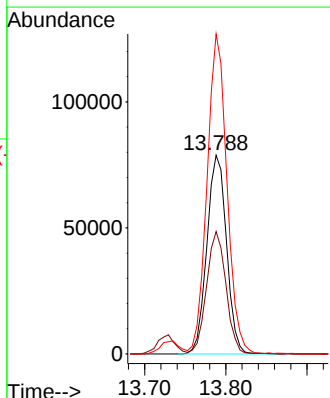
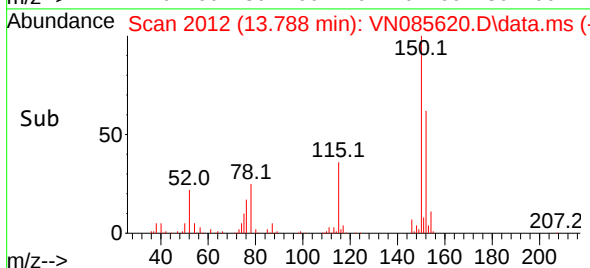
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025

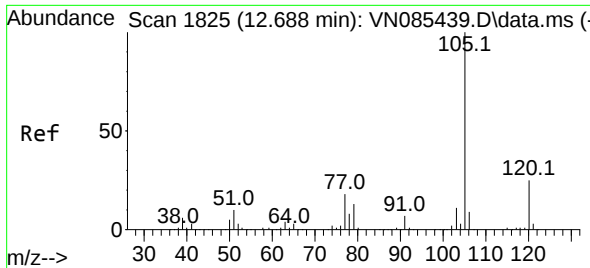


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085620.D
Acq: 03 Feb 2025 14:22



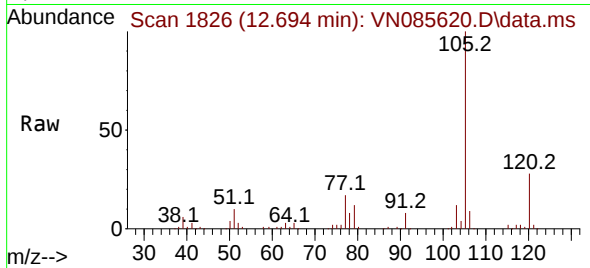
Tgt Ion:152 Resp: 132351
Ion Ratio Lower Upper
152 100
115 61.0 31.1 93.3
150 162.5 0.0 343.6





#73
Isopropylbenzene
Concen: 19.306 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN085620.D
Acq: 03 Feb 2025 14:22

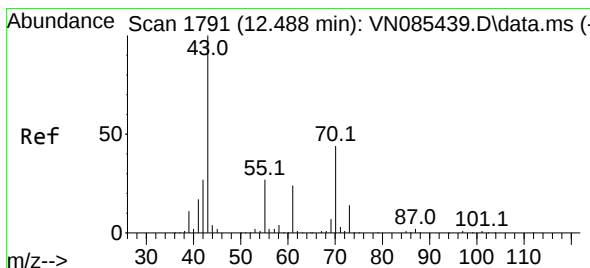
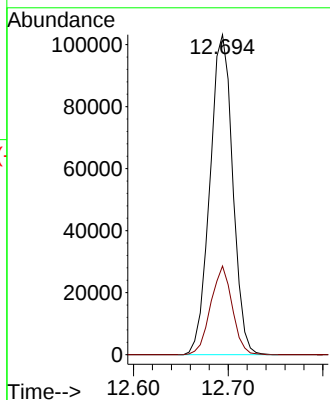
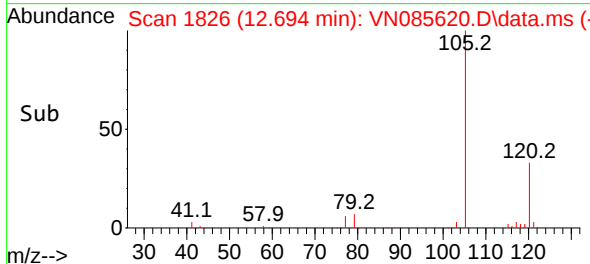
Instrument :
MSVOA_N
ClientSampleId :
VN0203WBSD01



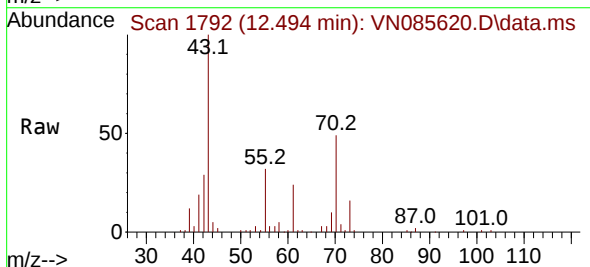
Tgt Ion:105 Resp: 172454
Ion Ratio Lower Upper
105 100
120 26.2 12.8 38.3

Manual Integrations
APPROVED

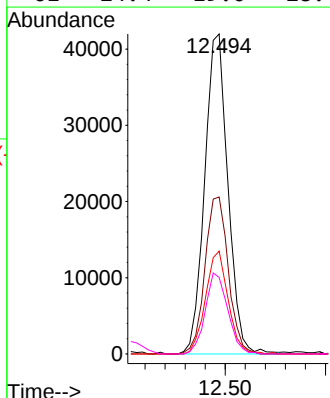
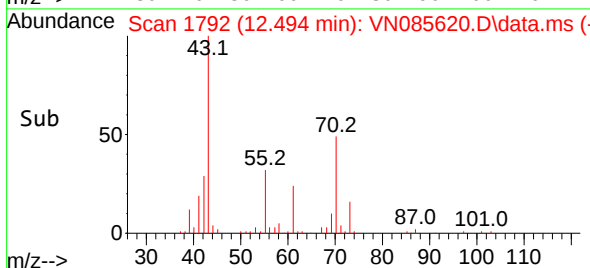
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025

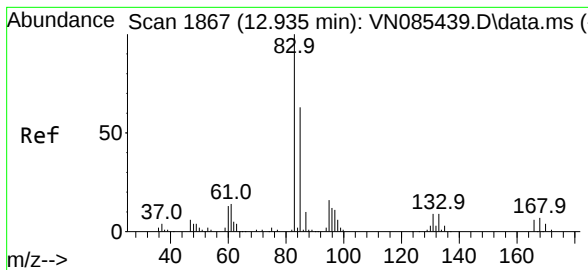


#74
N-ethyl acetate
Concen: 16.859 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VN085620.D
Acq: 03 Feb 2025 14:22



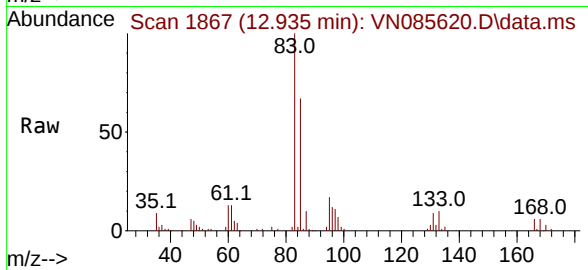
Tgt Ion: 43 Resp: 67688
Ion Ratio Lower Upper
43 100
70 49.3 34.0 51.0
55 31.4 21.4 32.2
61 24.4 19.0 28.4





#75
1,1,2,2-Tetrachloroethane
Concen: 21.144 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN085620.D
Acq: 03 Feb 2025 14:22

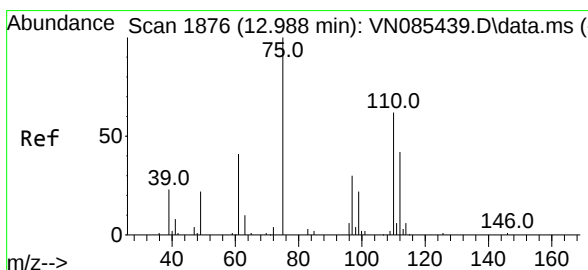
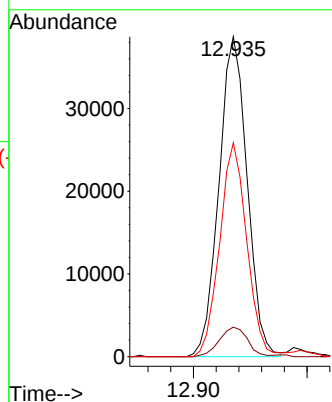
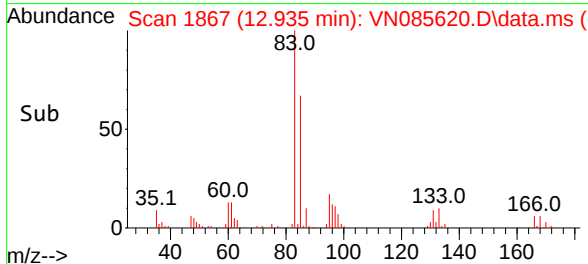
Instrument :
MSVOA_N
ClientSampleId :
VN0203WBSD01



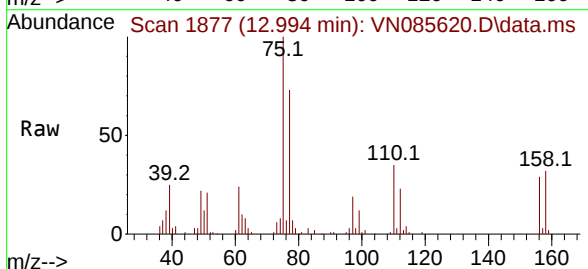
Tgt Ion: 83 Resp: 66710
Ion Ratio Lower Upper
83 100
131 9.5 4.8 14.4
85 64.1 32.2 96.6

Manual Integrations
APPROVED

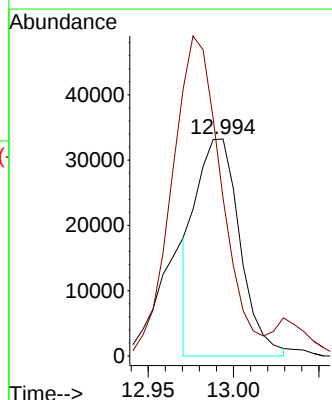
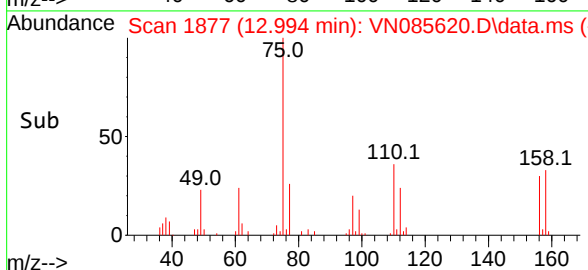
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025

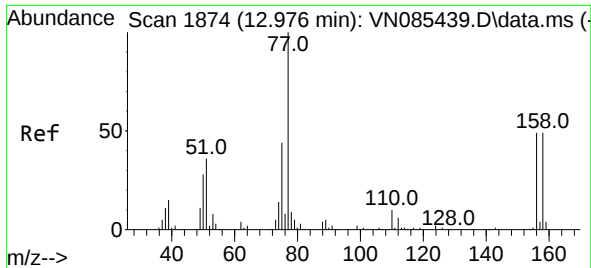


#76
1,2,3-Trichloropropane
Concen: 22.301 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN085620.D
Acq: 03 Feb 2025 14:22



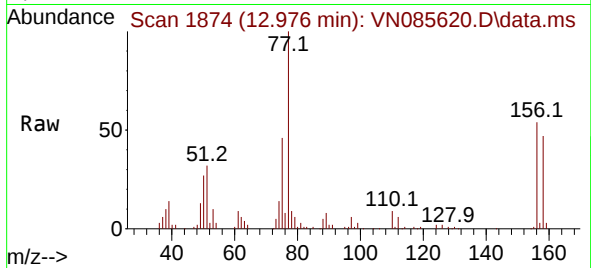
Tgt Ion: 75 Resp: 59990
Ion Ratio Lower Upper
75 100
77 165.1 109.7 329.2





#77
Bromobenzene
Concen: 19.499 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN085620.D
Acq: 03 Feb 2025 14:22

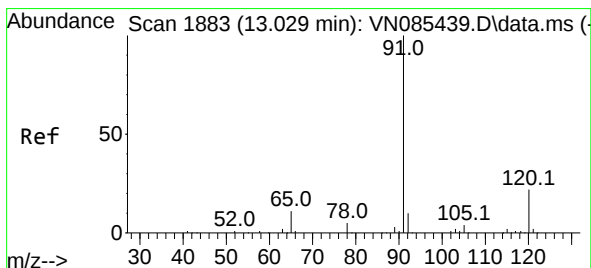
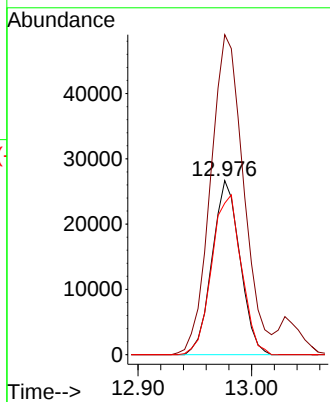
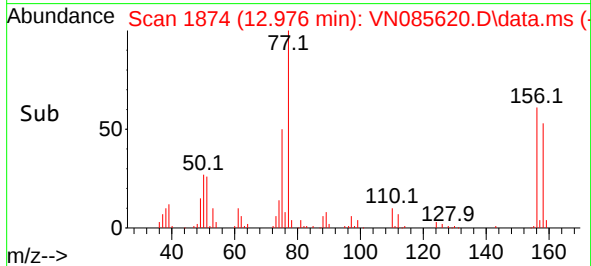
Instrument :
MSVOA_N
ClientSampleId :
VN0203WBSD01



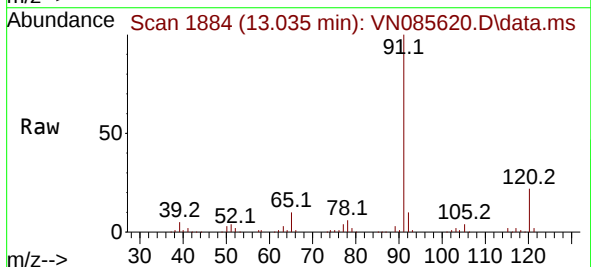
Tgt Ion:156 Resp: 4550
Ion Ratio Lower Upper
156 100
77 217.6 114.1 342.4
158 97.8 48.9 146.8

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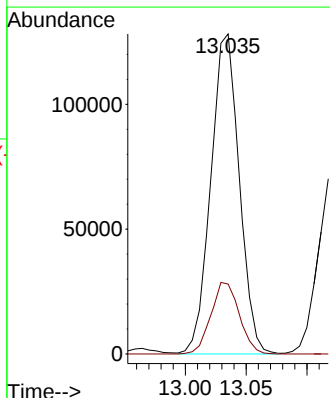
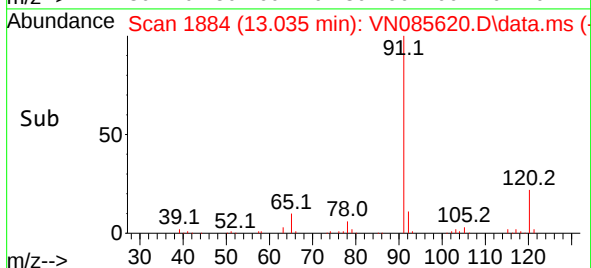
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025

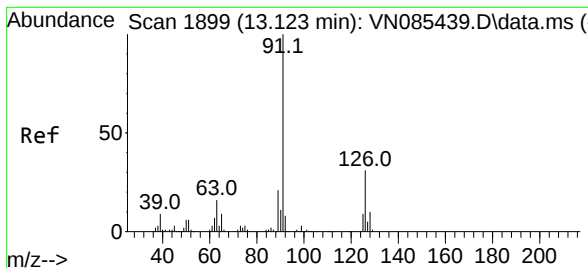


#78
n-propylbenzene
Concen: 19.734 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN085620.D
Acq: 03 Feb 2025 14:22



Tgt Ion: 91 Resp: 208681
Ion Ratio Lower Upper
91 100
120 22.2 10.9 32.6





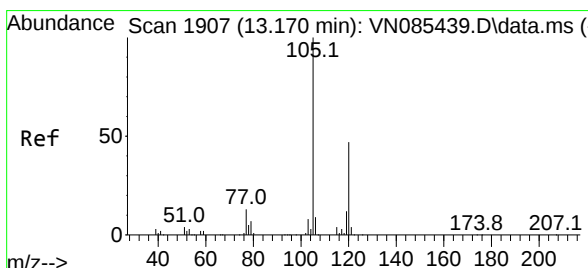
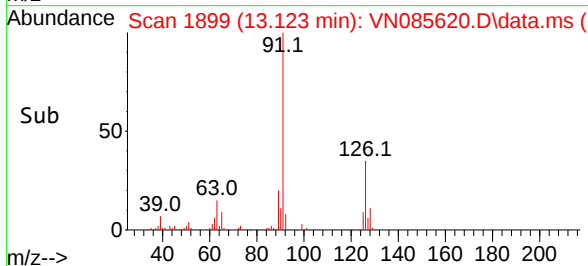
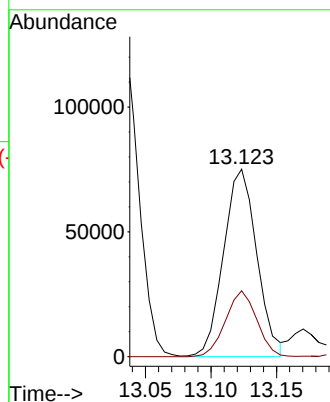
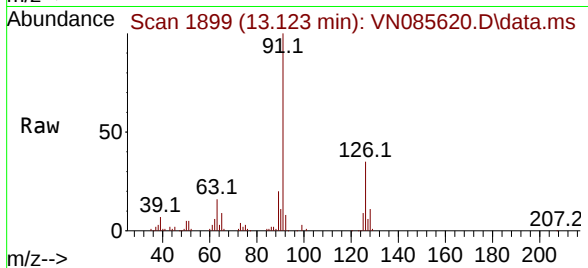
#79
2-Chlorotoluene
Concen: 19.380 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN085620.D
Acq: 03 Feb 2025 14:22

Instrument :
MSVOA_N
ClientSampleId :
VN0203WBSD01

Tgt Ion: 91 Resp: 13263
Ion Ratio Lower Upper
91 100
126 33.0 15.7 47.1

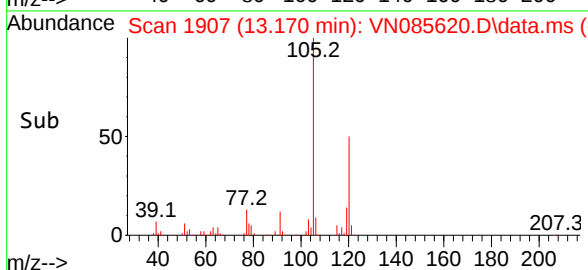
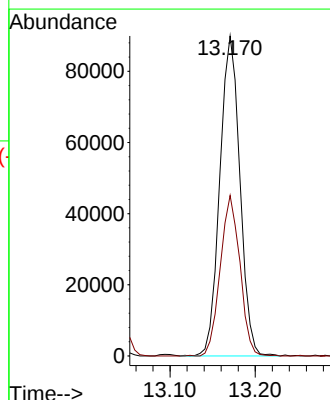
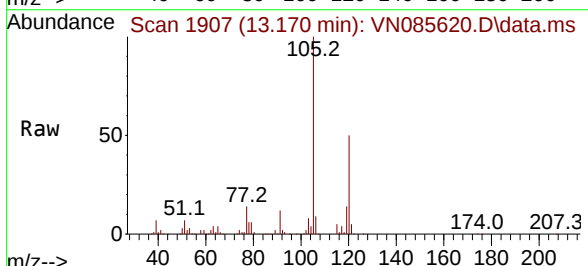
Manual Integrations
APPROVED

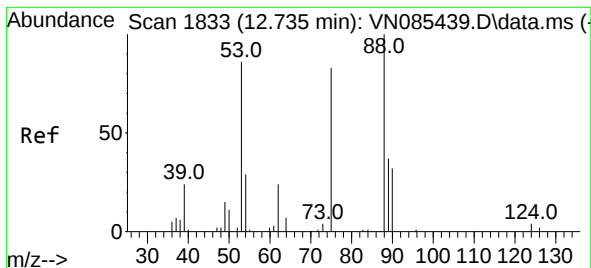
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#80
1,3,5-Trimethylbenzene
Concen: 19.947 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN085620.D
Acq: 03 Feb 2025 14:22

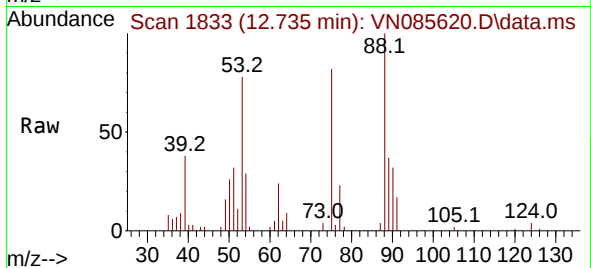
Tgt Ion:105 Resp: 147177
Ion Ratio Lower Upper
105 100
120 49.0 23.9 71.7





#81
trans-1,4-Dichloro-2-butene
Concen: 20.251 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN085620.D
Acq: 03 Feb 2025 14:22

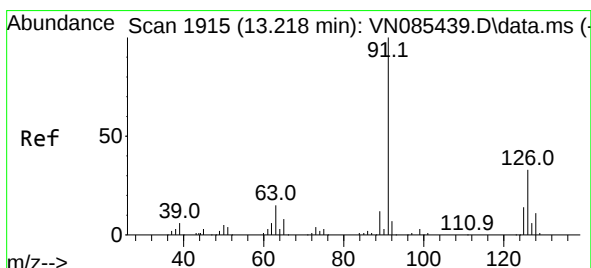
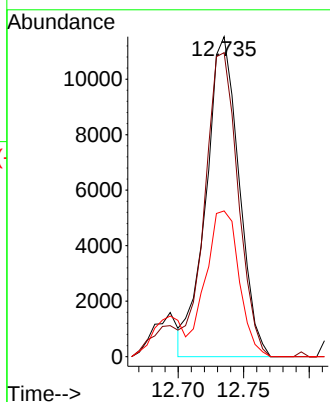
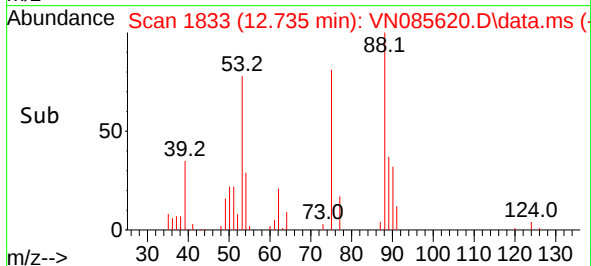
Instrument :
MSVOA_N
ClientSampleId :
VN0203WBSD01



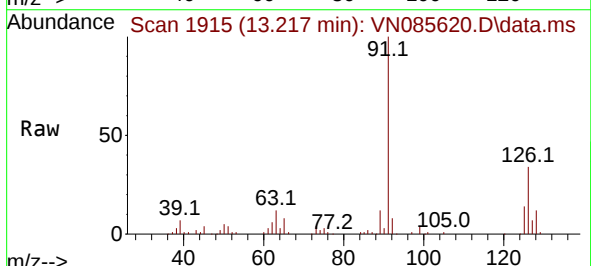
Tgt Ion: 75 Resp: 2013
Ion Ratio Lower Upper
75 100
53 103.9 95.6 143.4
89 46.2 37.0 55.6

Manual Integrations
APPROVED

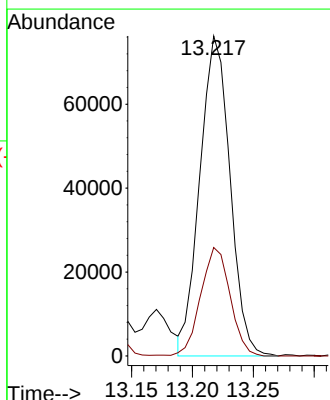
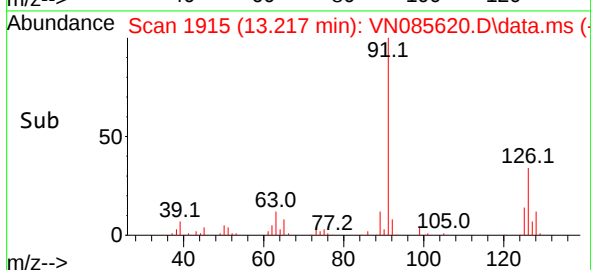
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#82
4-Chlorotoluene
Concen: 19.280 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN085620.D
Acq: 03 Feb 2025 14:22



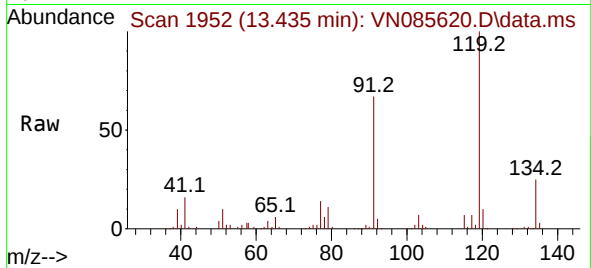
Tgt Ion: 91 Resp: 131384
Ion Ratio Lower Upper
91 100
126 33.1 15.9 47.7





#83
tert-Butylbenzene
Concen: 19.259 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN085620.D
Acq: 03 Feb 2025 14:22

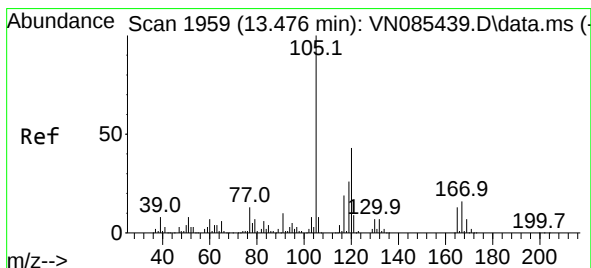
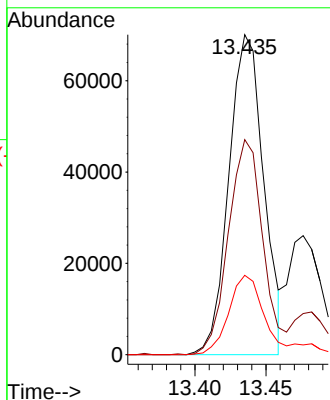
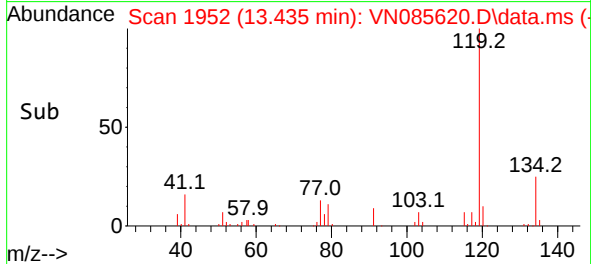
Instrument :
MSVOA_N
ClientSampleId :
VN0203WBSD01



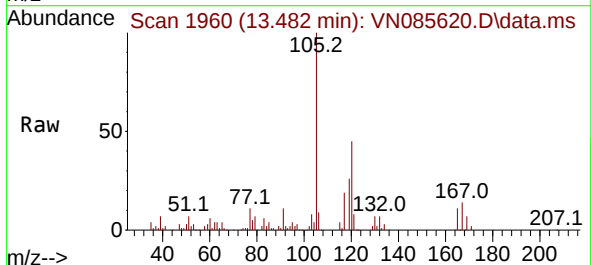
Tgt Ion:119 Resp: 11933
Ion Ratio Lower Upper
119 100
91 67.0 35.1 105.3
134 24.7 12.0 36.1

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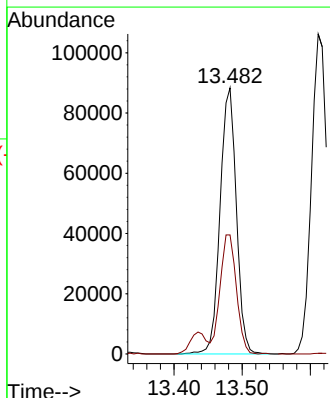
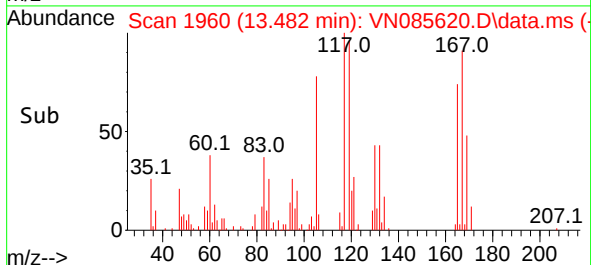
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025

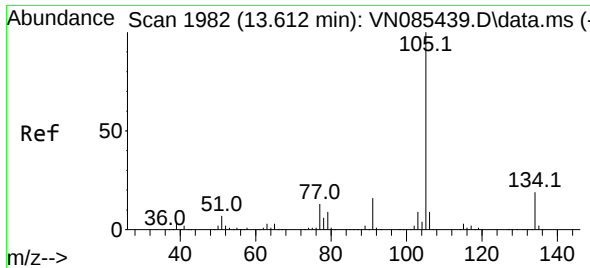


#84
1,2,4-Trimethylbenzene
Concen: 19.950 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN085620.D
Acq: 03 Feb 2025 14:22



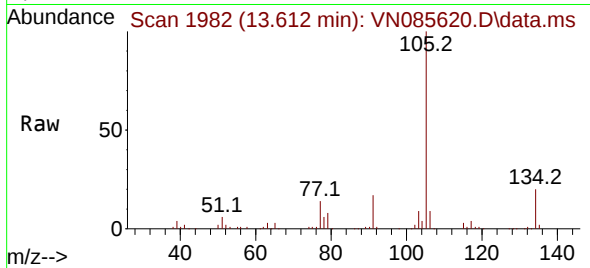
Tgt Ion:105 Resp: 146712
Ion Ratio Lower Upper
105 100
120 44.8 21.6 65.0





#85
 sec-Butylbenzene
 Concen: 20.055 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN085620.D
 Acq: 03 Feb 2025 14:22

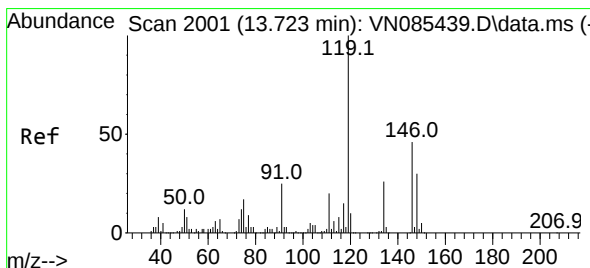
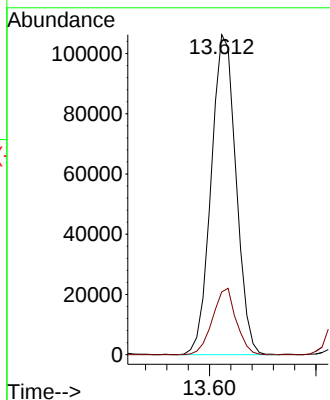
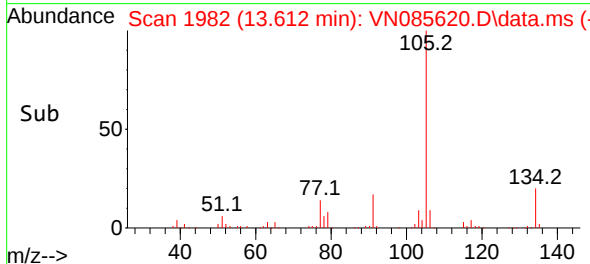
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0203WBSD01



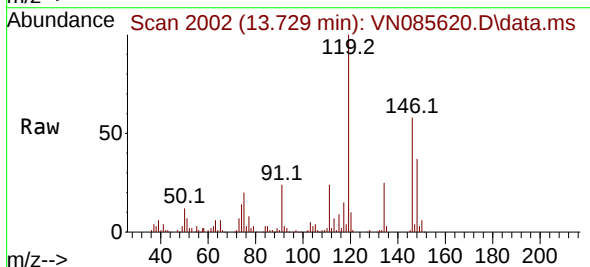
Tgt Ion:105 Resp: 172220
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.7 28.9

Manual Integrations
 APPROVED

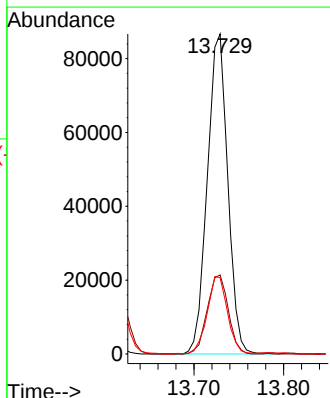
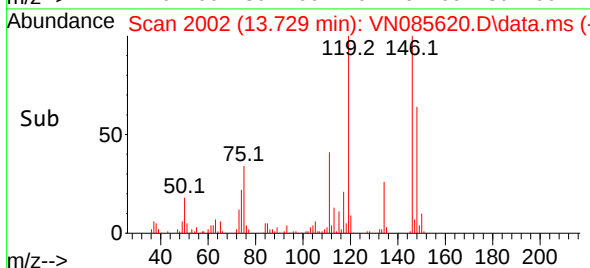
Reviewed By :John Carlone 02/04/2025
 Supervised By :Mahesh Dadoda 02/04/2025

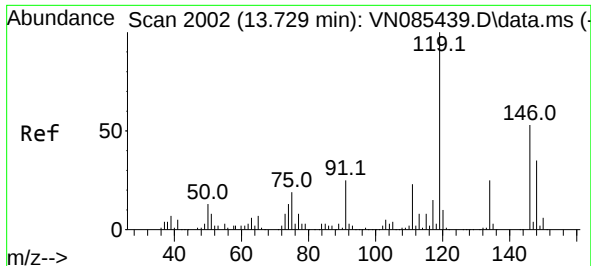


#86
 p-Isopropyltoluene
 Concen: 19.216 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.006 min
 Lab File: VN085620.D
 Acq: 03 Feb 2025 14:22



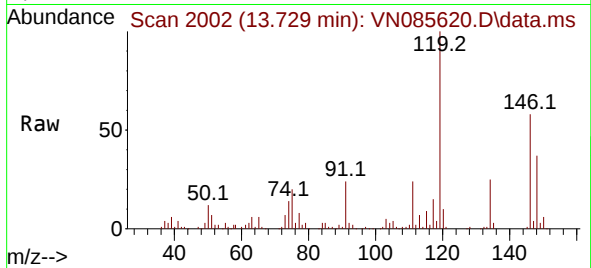
Tgt Ion:119 Resp: 137244
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.7 38.0
 91 24.0 12.7 38.1





#87
1,3-Dichlorobenzene
Concen: 19.507 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN085620.D
Acq: 03 Feb 2025 14:22

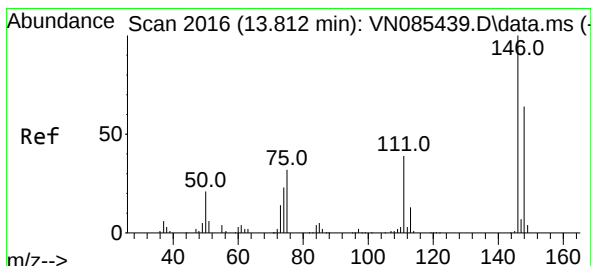
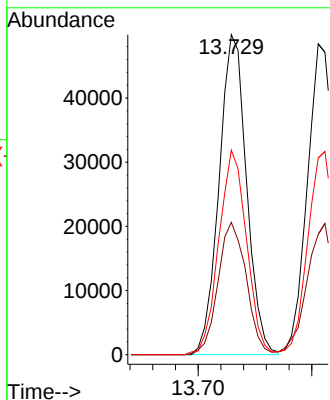
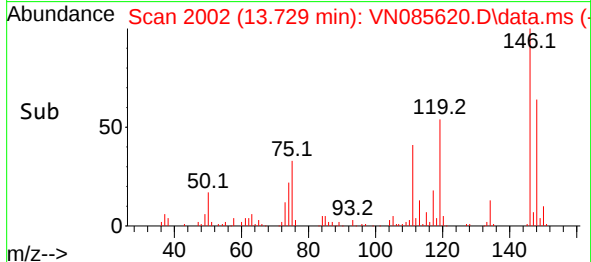
Instrument :
MSVOA_N
ClientSampleId :
VN0203WBSD01



Tgt Ion:146 Resp: 83838
Ion Ratio Lower Upper
146 100
111 42.4 21.4 64.3
148 64.4 32.3 96.9

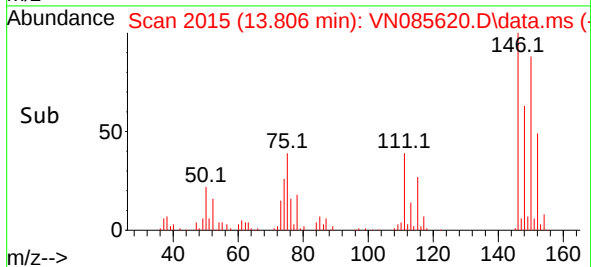
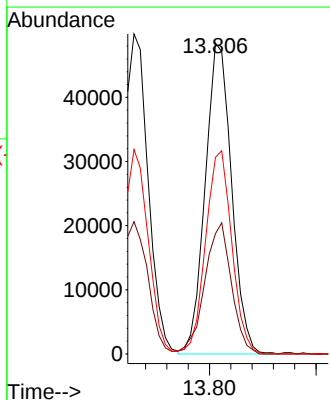
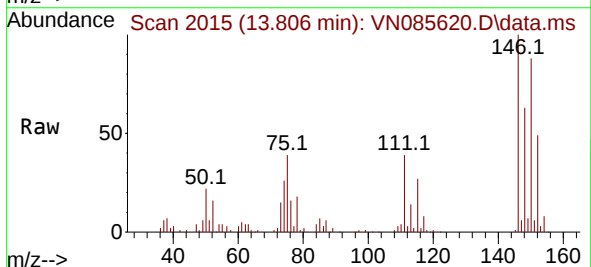
Manual Integrations
APPROVED

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



#88
1,4-Dichlorobenzene
Concen: 18.724 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. -0.006 min
Lab File: VN085620.D
Acq: 03 Feb 2025 14:22

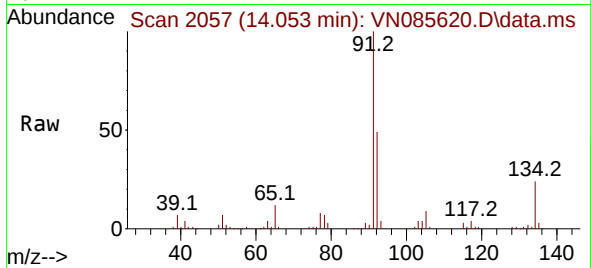
Tgt Ion:146 Resp: 83412
Ion Ratio Lower Upper
146 100
111 42.7 21.3 63.7
148 64.9 32.4 97.0





#89
n-Butylbenzene
Concen: 18.291 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN085620.D
Acq: 03 Feb 2025 14:22

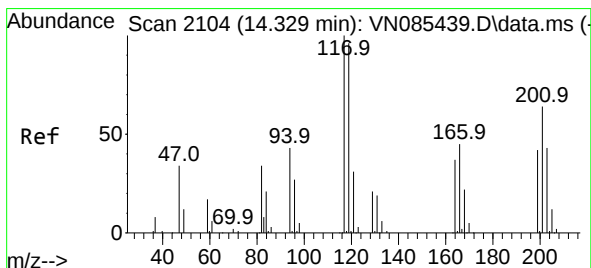
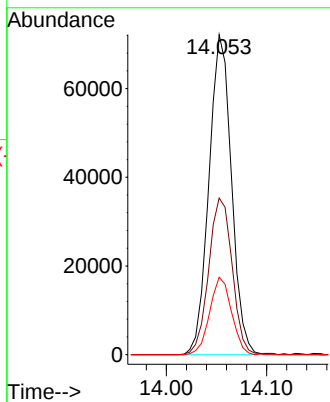
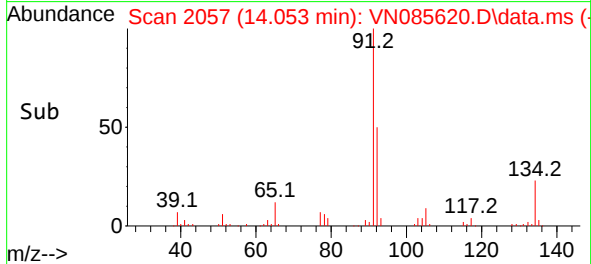
Instrument :
MSVOA_N
ClientSampleId :
VN0203WBSD01



Tgt Ion: 91 Resp: 112690
Ion Ratio Lower Upper
91 100
92 51.1 25.8 77.3
134 23.5 11.7 35.1

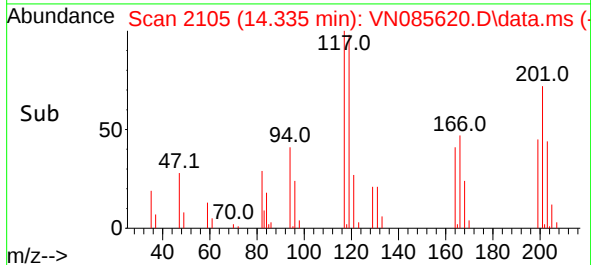
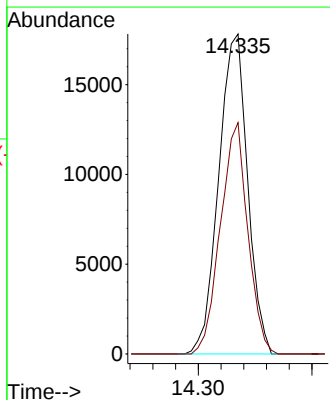
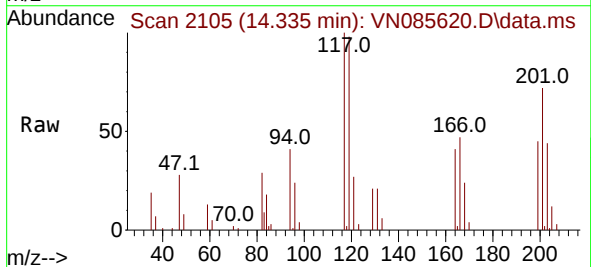
Manual Integrations
APPROVED

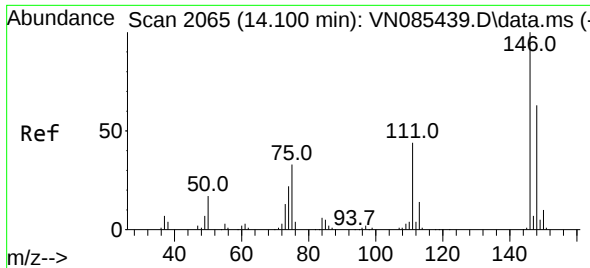
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#90
Hexachloroethane
Concen: 19.257 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.006 min
Lab File: VN085620.D
Acq: 03 Feb 2025 14:22

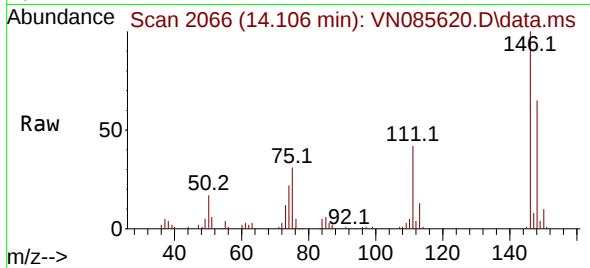
Tgt Ion:117 Resp: 31482
Ion Ratio Lower Upper
117 100
201 68.6 33.7 101.0





#91
1,2-Dichlorobenzene
Concen: 19.061 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VN085620.D
Acq: 03 Feb 2025 14:22

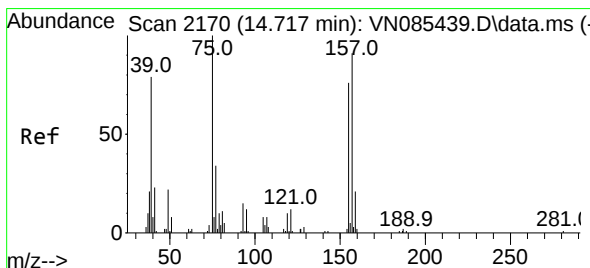
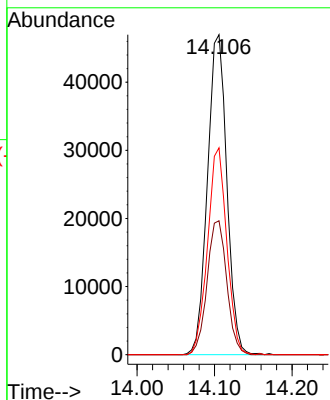
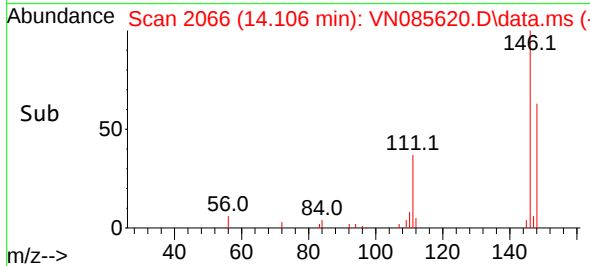
Instrument :
MSVOA_N
ClientSampleId :
VN0203WBSD01



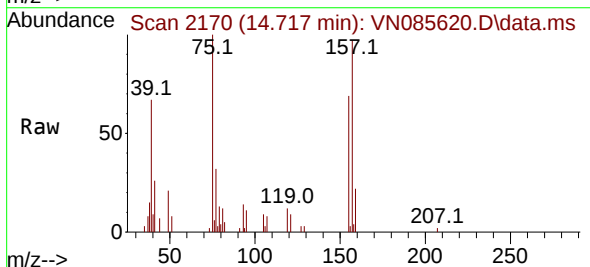
Tgt Ion:146 Resp: 81715
Ion Ratio Lower Upper
146 100
111 42.4 21.7 65.1
148 64.1 31.4 94.2

Manual Integrations
APPROVED

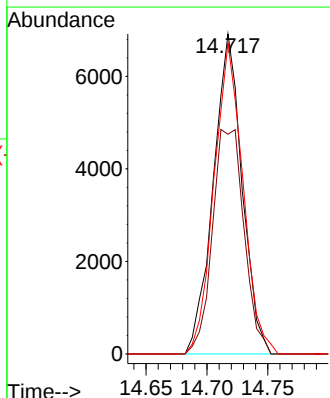
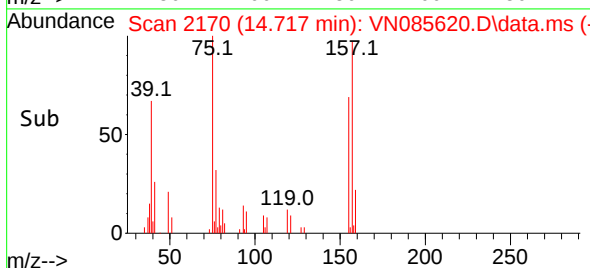
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025

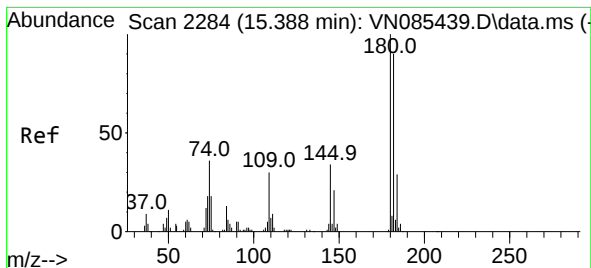


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.768 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN085620.D
Acq: 03 Feb 2025 14:22



Tgt Ion: 75 Resp: 11390
Ion Ratio Lower Upper
75 100
155 77.0 36.4 109.2
157 97.3 45.4 136.1





#93

1,2,4-Trichlorobenzene

Concen: 17.977 ug/l

RT: 15.388 min Scan# 2284

Delta R.T. -0.000 min

Lab File: VN085620.D

Acq: 03 Feb 2025 14:22

Instrument :

MSVOA_N

ClientSampleId :

VN0203WBSD01

Tgt Ion:180 Resp: 35819

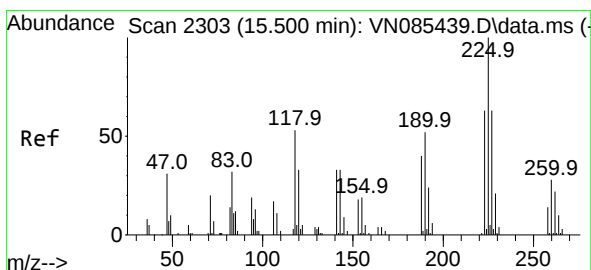
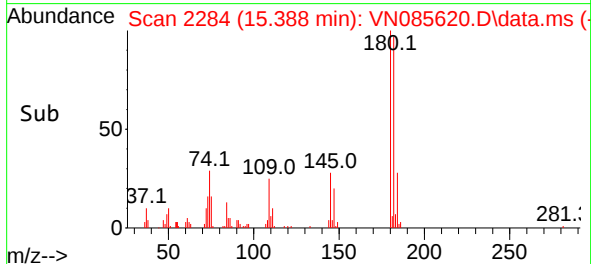
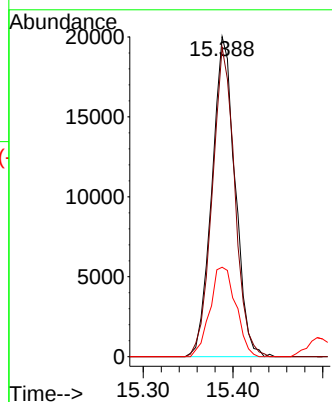
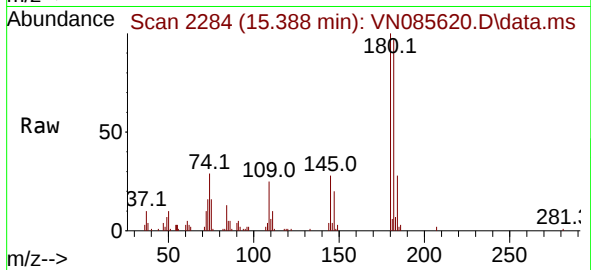
Ion	Ratio	Lower	Upper
180	100		
182	94.1	46.8	140.3
145	31.3	16.0	48.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/04/2025

Supervised By :Mahesh Dadoda 02/04/2025



#94

Hexachlorobutadiene

Concen: 17.641 ug/l

RT: 15.500 min Scan# 2303

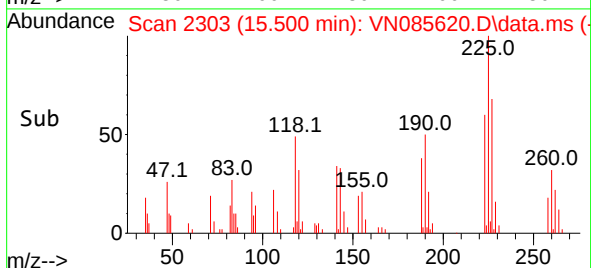
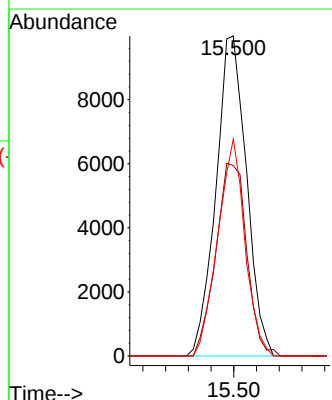
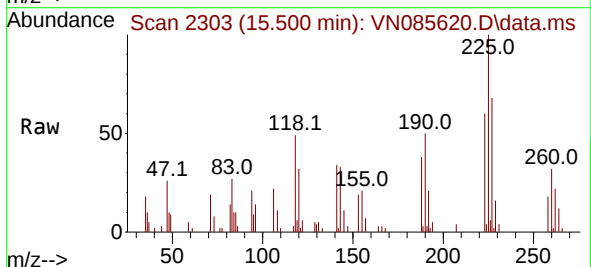
Delta R.T. -0.000 min

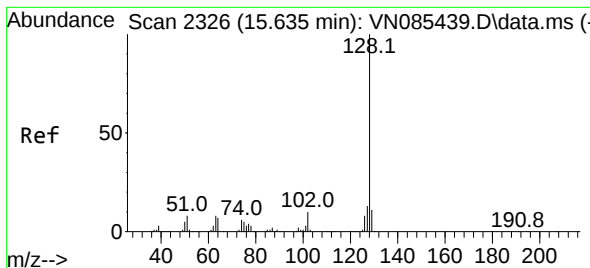
Lab File: VN085620.D

Acq: 03 Feb 2025 14:22

Tgt Ion:225 Resp: 18661

Ion	Ratio	Lower	Upper
225	100		
223	60.9	30.7	92.1
227	60.3	30.9	92.5





#95

Naphthalene

Concen: 18.013 ug/l

RT: 15.641 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN085620.D

Acq: 03 Feb 2025 14:22

Instrument :

MSVOA_N

ClientSampleId :

VN0203WBSD01

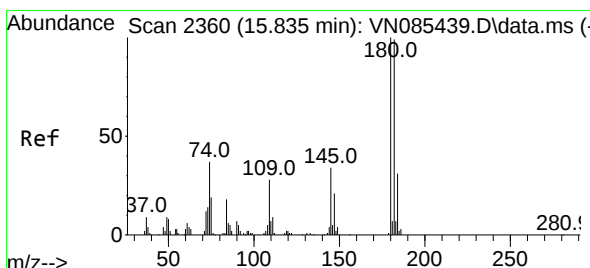
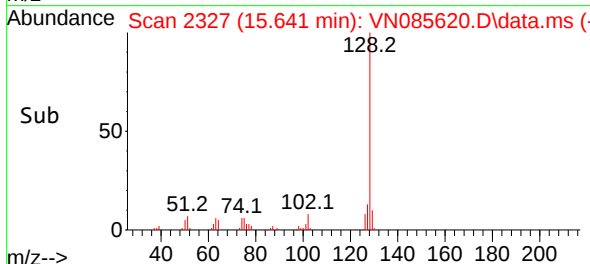
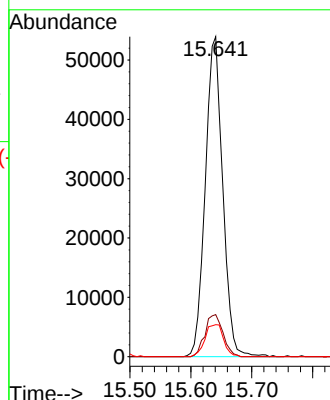
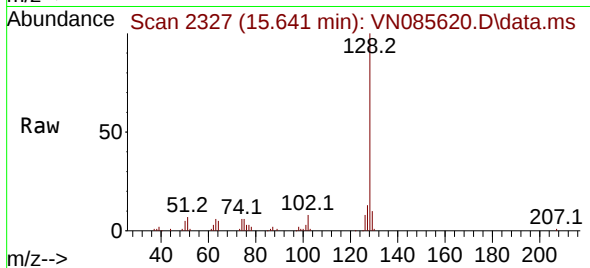
Tgt Ion:128 Resp: 10709
 Ion Ratio Lower Upper
 128 100
 127 13.7 10.6 16.0
 129 10.8 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/04/2025

Supervised By :Mahesh Dadoda 02/04/2025



#96

1,2,3-Trichlorobenzene

Concen: 17.917 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN085620.D

Acq: 03 Feb 2025 14:22

Tgt Ion:180 Resp: 36123
 Ion Ratio Lower Upper
 180 100
 182 92.8 47.4 142.2
 145 32.5 16.9 50.7

