

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122724\
 Data File : VN085322.D
 Acq On : 27 Dec 2024 10:50
 Operator : JC\MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Quant Time: Dec 28 00:05:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 28 00:01:51 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	155532	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	278404	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	240680	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	113462	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	111594	50.305	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.620%	
35) Dibromofluoromethane	8.159	113	88275	50.825	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.660%	
50) Toluene-d8	10.559	98	323100	50.695	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.380%	
62) 4-Bromofluorobenzene	12.847	95	111548	52.700	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 105.400%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.124	85	108746	51.698	ug/l	100
3) Chloromethane	2.359	50	106659	45.115	ug/l	100
4) Vinyl Chloride	2.512	62	117884	47.149	ug/l	100
5) Bromomethane	2.959	94	74886	45.796	ug/l	100
6) Chloroethane	3.124	64	74955	47.272	ug/l	100
7) Trichlorofluoromethane	3.500	101	158878	48.340	ug/l	100
8) Diethyl Ether	3.959	74	55553	51.048	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.365	101	89878	48.059	ug/l	100
10) Methyl Iodide	4.594	142	111290	51.423	ug/l	100
11) Tert butyl alcohol	5.512	59	66517	239.459	ug/l	100
12) 1,1-Dichloroethene	4.342	96	83691	48.422	ug/l	100
13) Acrolein	4.177	56	101450	234.253	ug/l	100
14) Allyl chloride	5.018	41	133004	48.082	ug/l	100
15) Acrylonitrile	5.712	53	213836	244.575	ug/l	100
16) Acetone	4.418	43	173280	237.550	ug/l	100
17) Carbon Disulfide	4.712	76	238824	45.421	ug/l	100
18) Methyl Acetate	5.018	43	108199	48.449	ug/l	100
19) Methyl tert-butyl Ether	5.788	73	290643	51.737	ug/l	100
20) Methylene Chloride	5.271	84	95357	48.601	ug/l	100
21) trans-1,2-Dichloroethene	5.783	96	87901	48.686	ug/l	100
22) Diisopropyl ether	6.665	45	302742	50.788	ug/l	100
23) Vinyl Acetate	6.594	43	1110592	246.277	ug/l	100
24) 1,1-Dichloroethane	6.565	63	173999	48.458	ug/l	100
25) 2-Butanone	7.477	43	285403	252.198	ug/l	100
26) 2,2-Dichloropropane	7.482	77	160118	50.897	ug/l	100
27) cis-1,2-Dichloroethene	7.482	96	107476	50.718	ug/l	100
28) Bromochloromethane	7.806	49	82793	49.616	ug/l #	100
29) Tetrahydrofuran	7.830	42	185555	254.548	ug/l	100
30) Chloroform	7.959	83	176294	47.991	ug/l	100
31) Cyclohexane	8.253	56	152319	46.455	ug/l	100
32) 1,1,1-Trichloroethane	8.165	97	158921	48.441	ug/l	100
36) 1,1-Dichloropropene	8.365	75	128454	50.513	ug/l	100
37) Ethyl Acetate	7.553	43	115871	45.842	ug/l	100
38) Carbon Tetrachloride	8.359	117	139705	50.401	ug/l	100
39) Methylcyclohexane	9.594	83	140293	53.172	ug/l	100
40) Benzene	8.600	78	383405	49.867	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	65714	50.764	ug/l	100
42) 1,2-Dichloroethane	8.665	62	131673	47.766	ug/l	100
43) Isopropyl Acetate	8.682	43	207309	49.811	ug/l	100
44) Trichloroethene	9.347	130	86607	47.578	ug/l	100
45) 1,2-Dichloropropane	9.612	63	94480	48.407	ug/l	100
46) Dibromomethane	9.706	93	66895	49.281	ug/l	100
47) Bromodichloromethane	9.882	83	140475	49.791	ug/l	100
48) Methyl methacrylate	9.676	41	95506	52.885	ug/l	100
49) 1,4-Dioxane	9.688	88	29967	1099.805	ug/l	100
51) 4-Methyl-2-Pentanone	10.441	43	604417	258.422	ug/l	100
52) Toluene	10.623	92	235625	51.469	ug/l	100
53) t-1,3-Dichloropropene	10.829	75	147289	53.087	ug/l	100
54) cis-1,3-Dichloropropene	10.306	75	154618	51.536	ug/l	100
55) 1,1,2-Trichloroethane	11.012	97	85262	49.329	ug/l	100
56) Ethyl methacrylate	10.871	69	139960	55.599	ug/l	100
57) 1,3-Dichloropropane	11.159	76	154391	50.893	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.153	63	336991	276.695	ug/l	100
59) 2-Hexanone	11.194	43	428174	263.862	ug/l	100
60) Dibromochloromethane	11.353	129	103179	52.999	ug/l	100
61) 1,2-Dibromoethane	11.465	107	87157	50.969	ug/l	100
64) Tetrachloroethene	11.100	164	75140	49.270	ug/l	100
65) Chlorobenzene	11.888	112	252514	48.550	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	87333	50.030	ug/l	100
67) Ethyl Benzene	11.959	91	451752	52.228	ug/l	100
68) m/p-Xylenes	12.065	106	341420	107.860	ug/l	100
69) o-Xylene	12.394	106	165724	54.121	ug/l	100
70) Styrene	12.406	104	276012	55.616	ug/l	100
71) Bromoform	12.570	173	63268	52.330	ug/l #	100
73) Isopropylbenzene	12.688	105	423362	51.888	ug/l	100
74) N-amyl acetate	12.488	43	183943	52.669	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.935	83	120681	46.441	ug/l	100
76) 1,2,3-Trichloropropane	12.988	75	163046	49.460	ug/l	58
77) Bromobenzene	12.976	156	95126	47.058	ug/l	100
78) n-propylbenzene	13.029	91	498392	52.403	ug/l	100
79) 2-Chlorotoluene	13.123	91	299107	49.970	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	347857	52.709	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.729	75	50627	56.215	ug/l	89
82) 4-Chlorotoluene	13.217	91	299712	49.717	ug/l	100
83) tert-Butylbenzene	13.435	119	294653	51.541	ug/l	100
84) 1,2,4-Trimethylbenzene	13.476	105	354037	53.875	ug/l	100
85) sec-Butylbenzene	13.611	105	424353	53.476	ug/l	100
86) p-Isopropyltoluene	13.723	119	349527	54.703	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	179301	48.928	ug/l	100
88) 1,4-Dichlorobenzene	13.806	146	177873	47.250	ug/l	100
89) n-Butylbenzene	14.053	91	309010	53.178	ug/l	100
90) Hexachloroethane	14.329	117	67607	51.976	ug/l	100
91) 1,2-Dichlorobenzene	14.100	146	171657	49.173	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.711	75	22952	49.627	ug/l	100
93) 1,2,4-Trichlorobenzene	15.388	180	86363	49.570	ug/l	100
94) Hexachlorobutadiene	15.494	225	38529	44.509	ug/l	100
95) Naphthalene	15.635	128	286887	48.560	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	84633	48.618	ug/l	100

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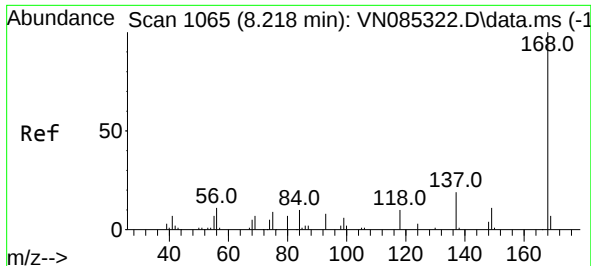
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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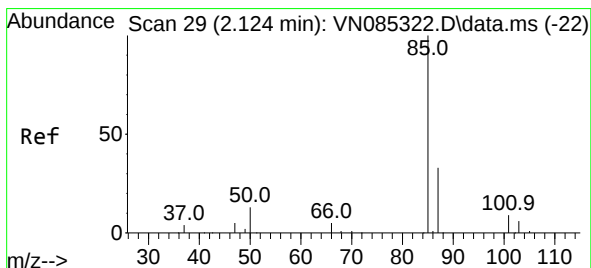
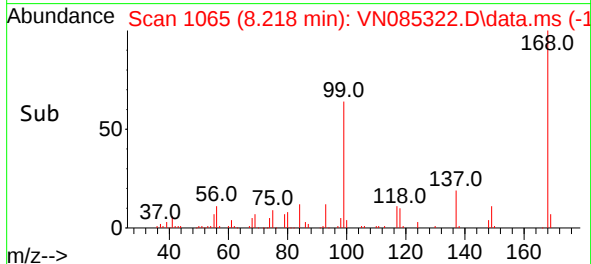
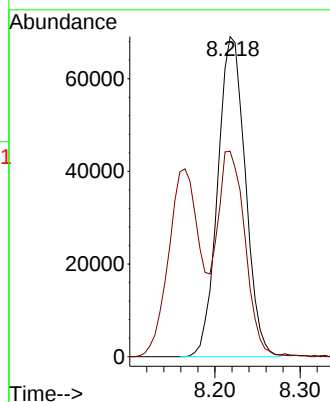
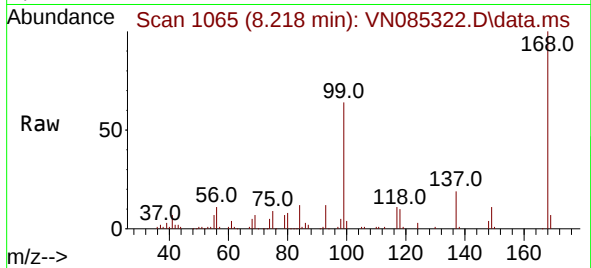




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN085322.D
Acq: 27 Dec 2024 10:50

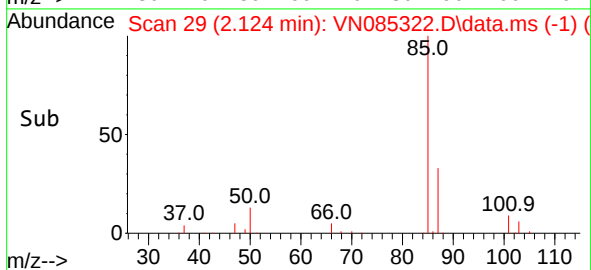
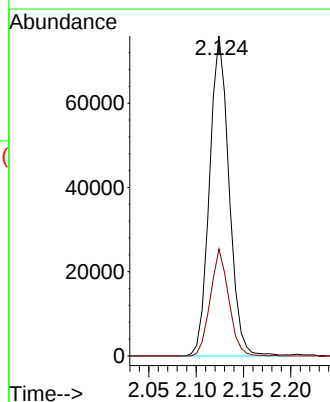
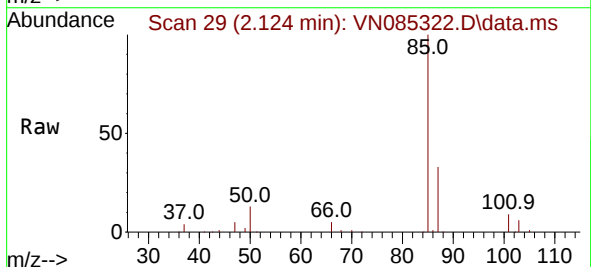
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

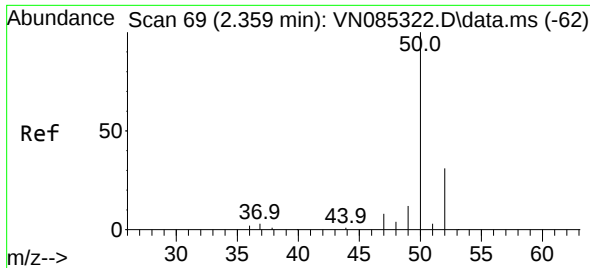
Tgt Ion:168 Resp: 155532
Ion Ratio Lower Upper
168 100
99 63.7 51.0 76.4



#2
Dichlorodifluoromethane
Concen: 51.698 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN085322.D
Acq: 27 Dec 2024 10:50

Tgt Ion: 85 Resp: 108746
Ion Ratio Lower Upper
85 100
87 33.5 16.8 50.3

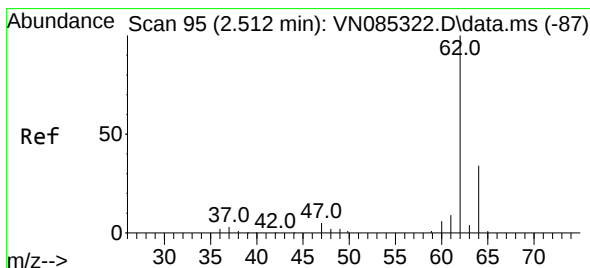
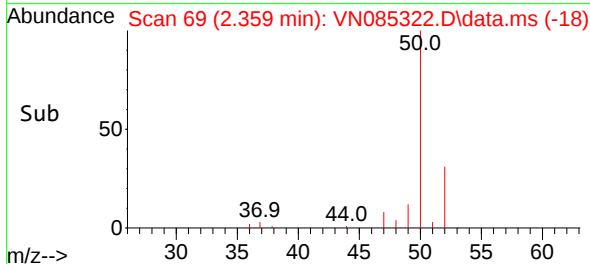
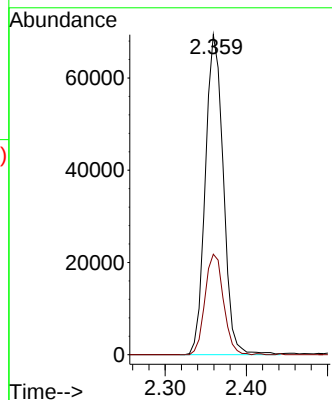
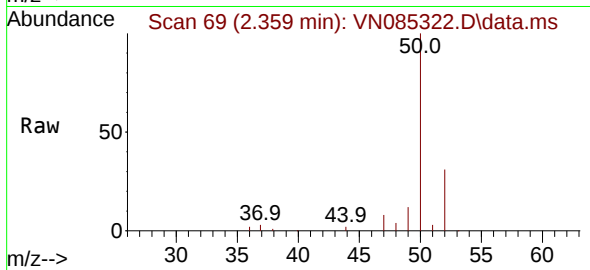




#3
Chloromethane
Concen: 45.115 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN085322.D
Acq: 27 Dec 2024 10:50

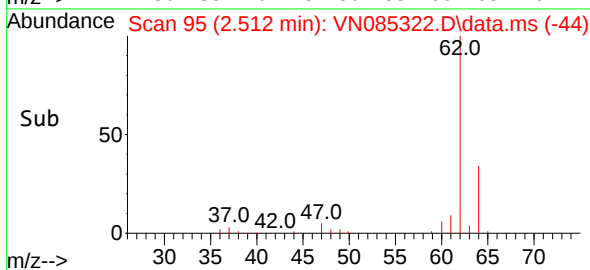
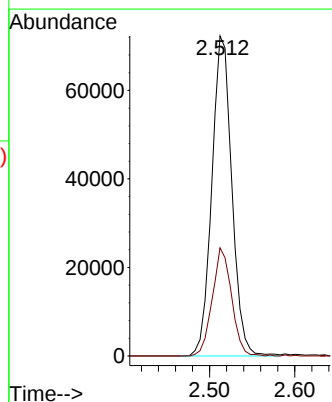
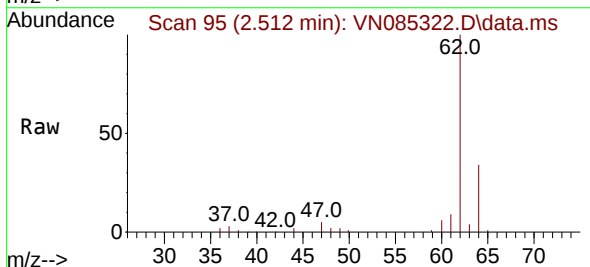
Instrument :
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ClientSampleId :
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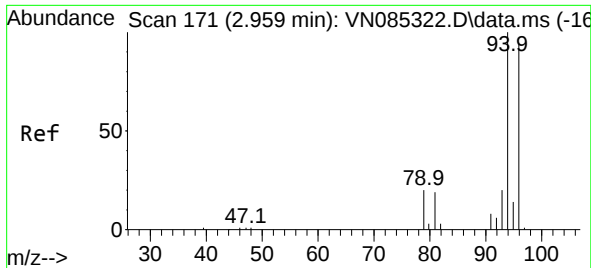
Tgt Ion: 50 Resp: 106659
Ion Ratio Lower Upper
50 100
52 31.4 25.1 37.7



#4
Vinyl Chloride
Concen: 47.149 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN085322.D
Acq: 27 Dec 2024 10:50

Tgt Ion: 62 Resp: 117884
Ion Ratio Lower Upper
62 100
64 33.8 27.0 40.6

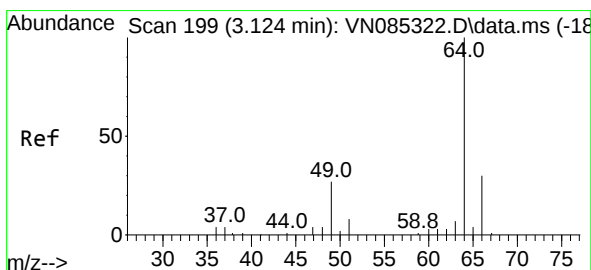
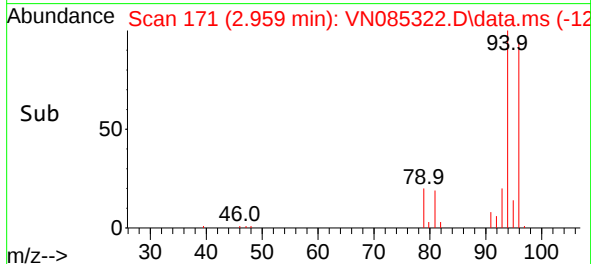
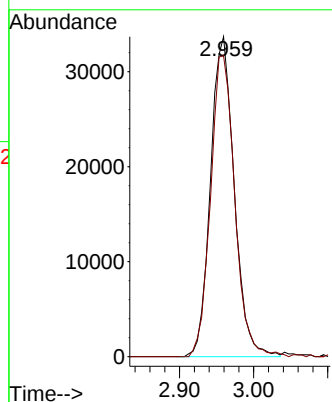
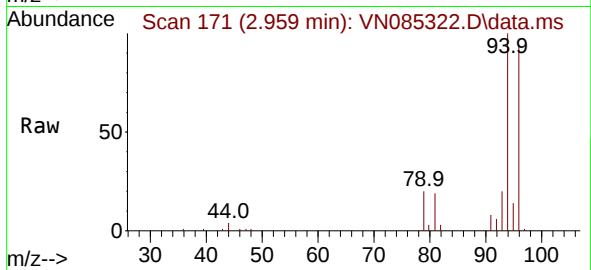




#5
Bromomethane
Concen: 45.796 ug/l
RT: 2.959 min Scan# 171
Delta R.T. 0.000 min
Lab File: VN085322.D
Acq: 27 Dec 2024 10:50

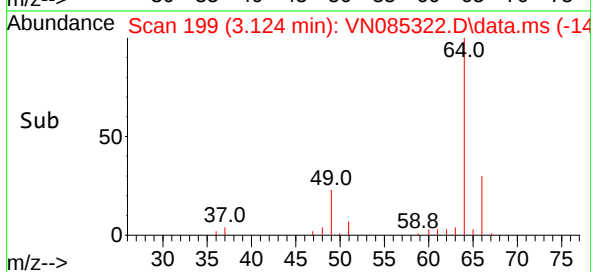
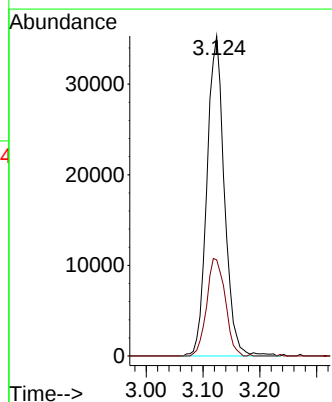
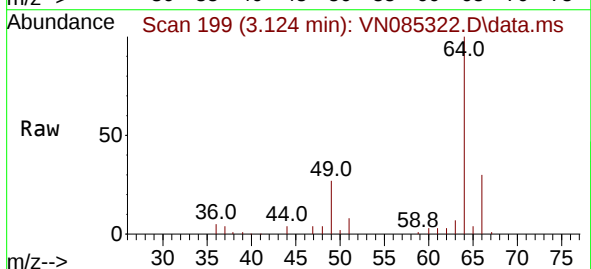
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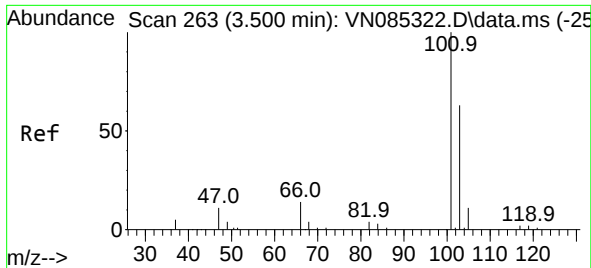
Tgt Ion: 94 Resp: 74886
Ion Ratio Lower Upper
94 100
96 94.0 75.2 112.8



#6
Chloroethane
Concen: 47.272 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN085322.D
Acq: 27 Dec 2024 10:50

Tgt Ion: 64 Resp: 74955
Ion Ratio Lower Upper
64 100
66 30.1 24.1 36.1

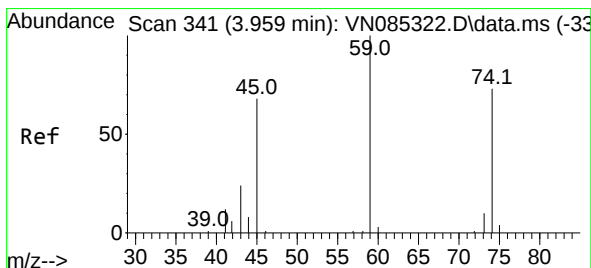
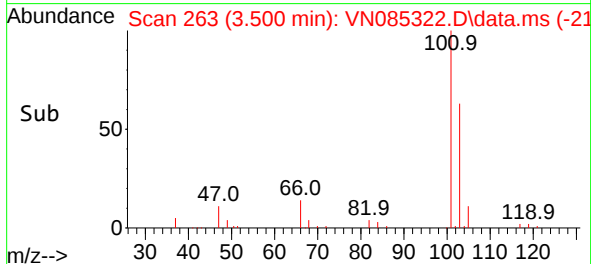
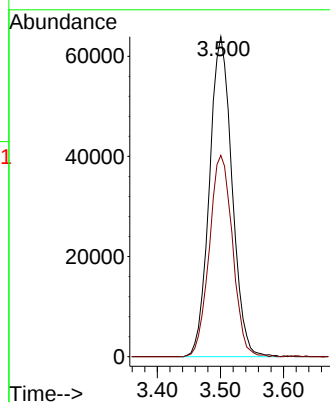
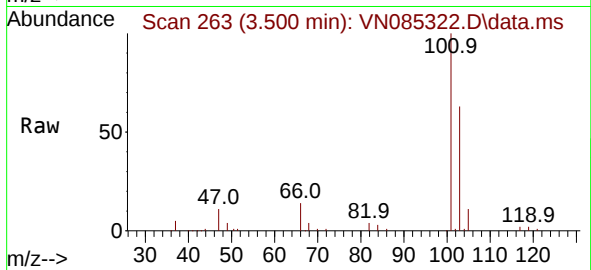




#7
 Trichlorofluoromethane
 Concen: 48.340 ug/l
 RT: 3.500 min Scan# 263
 Delta R.T. 0.000 min
 Lab File: VN085322.D
 Acq: 27 Dec 2024 10:50

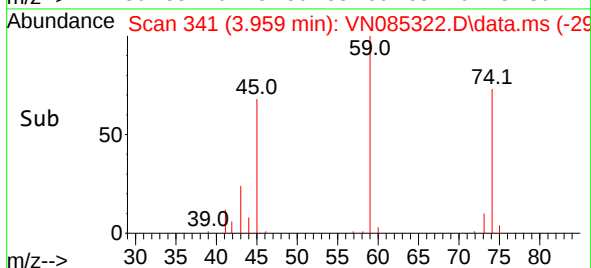
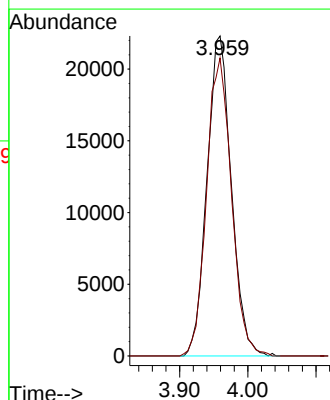
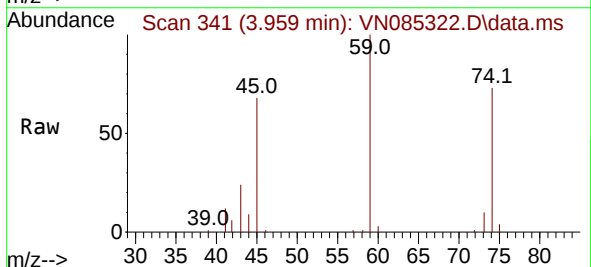
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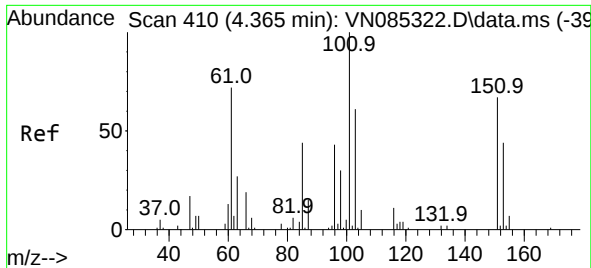
Tgt Ion:101 Resp: 158878
 Ion Ratio Lower Upper
 101 100
 103 62.9 50.3 75.5



#8
 Diethyl Ether
 Concen: 51.048 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN085322.D
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Tgt Ion: 74 Resp: 55553
 Ion Ratio Lower Upper
 74 100
 45 95.1 47.5 142.6

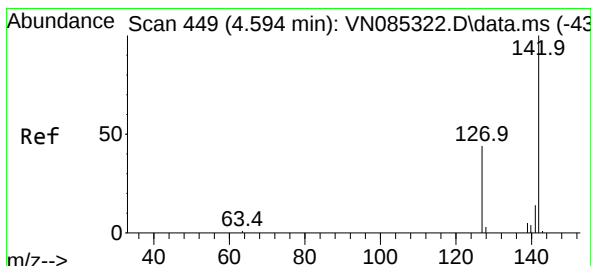
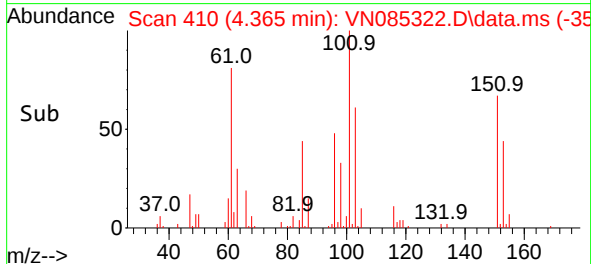
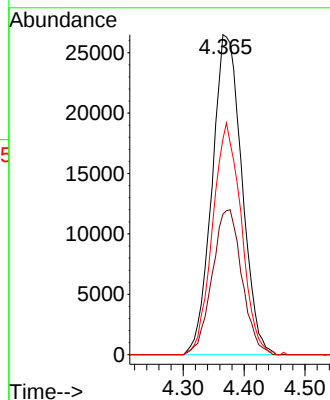
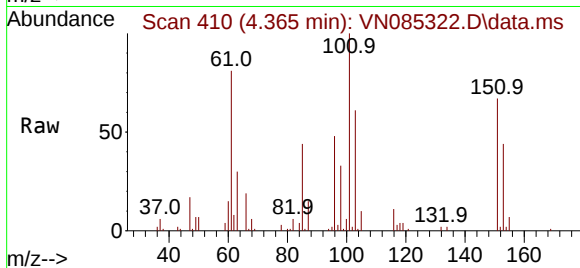




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.059 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.000 min
Lab File: VN085322.D
Acq: 27 Dec 2024 10:50

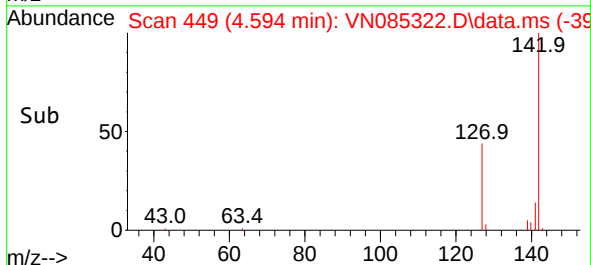
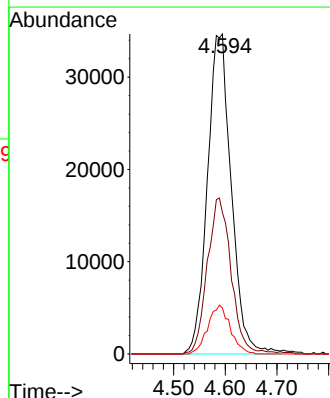
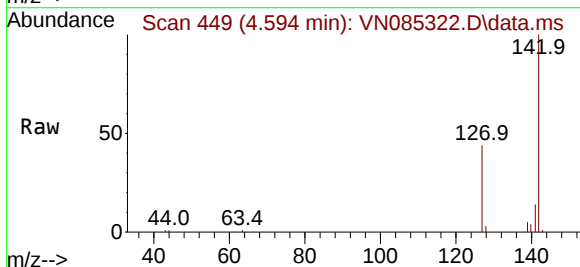
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

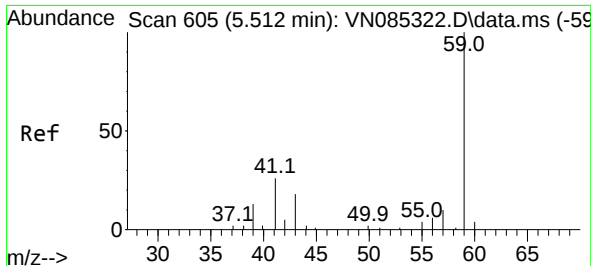
Tgt Ion:101 Resp: 89878
Ion Ratio Lower Upper
101 100
85 45.3 36.2 54.4
151 69.7 55.8 83.6



#10
Methyl Iodide
Concen: 51.423 ug/l
RT: 4.594 min Scan# 449
Delta R.T. 0.000 min
Lab File: VN085322.D
Acq: 27 Dec 2024 10:50

Tgt Ion:142 Resp: 111290
Ion Ratio Lower Upper
142 100
127 44.1 35.3 52.9
141 14.4 11.5 17.3

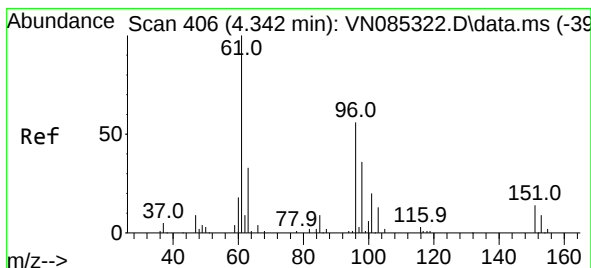
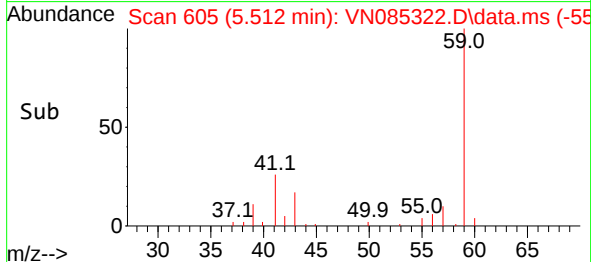
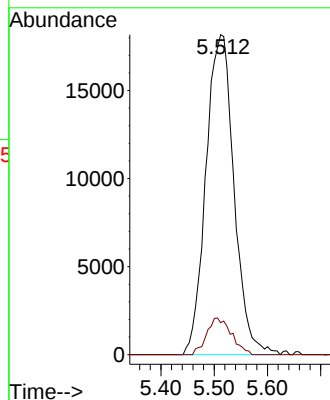
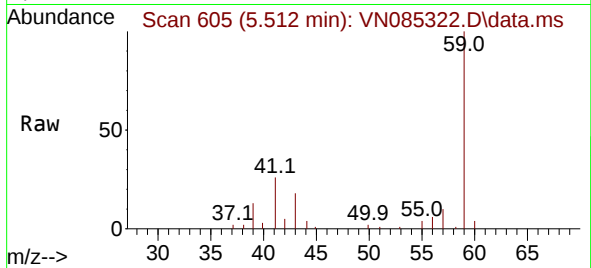




#11
Tert butyl alcohol
Concen: 239.459 ug/l
RT: 5.512 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN085322.D
Acq: 27 Dec 2024 10:50

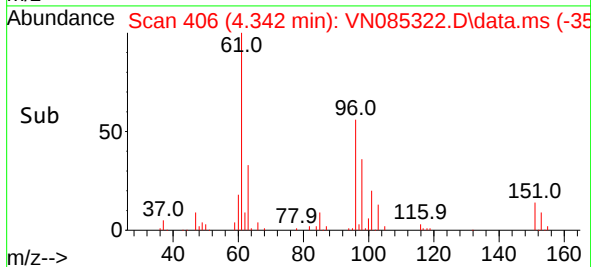
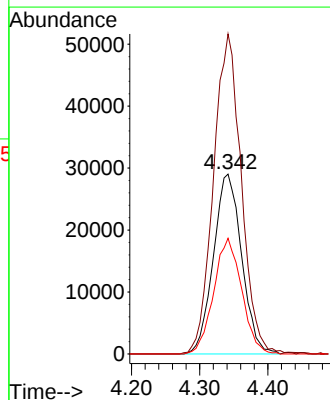
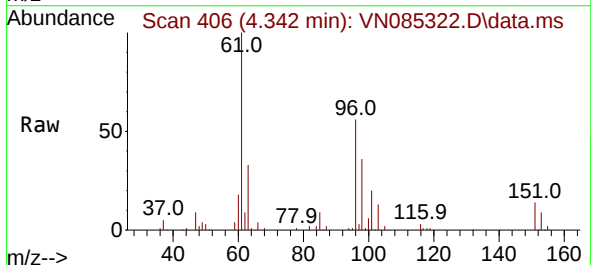
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

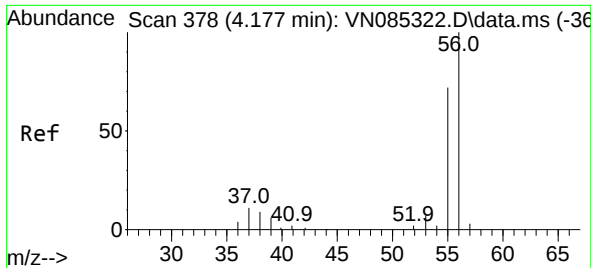
Tgt Ion: 59 Resp: 66517
Ion Ratio Lower Upper
59 100
57 10.1 8.1 12.1



#12
1,1-Dichloroethene
Concen: 48.422 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN085322.D
Acq: 27 Dec 2024 10:50

Tgt Ion: 96 Resp: 83691
Ion Ratio Lower Upper
96 100
61 178.0 142.4 213.6
98 64.4 51.5 77.3

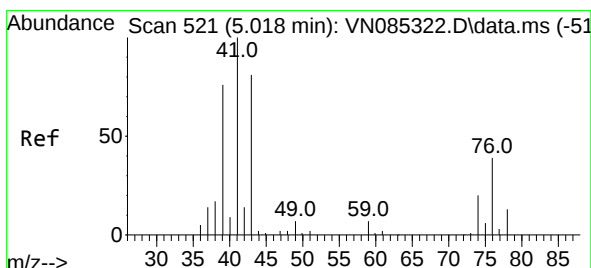
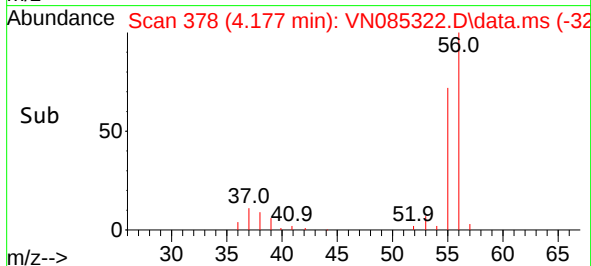
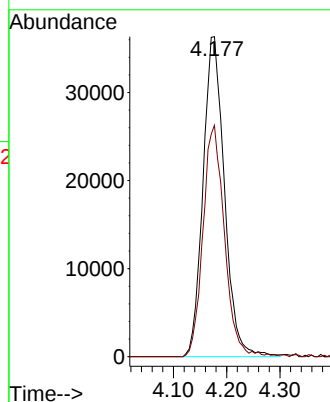
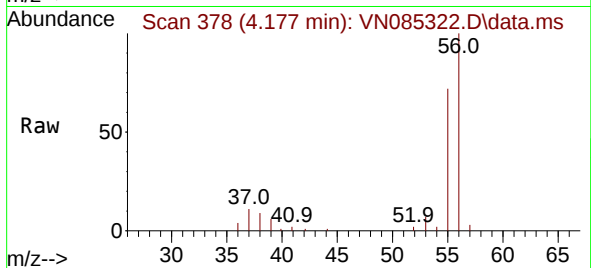




#13
Acrolein
Concen: 234.253 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN085322.D
Acq: 27 Dec 2024 10:50

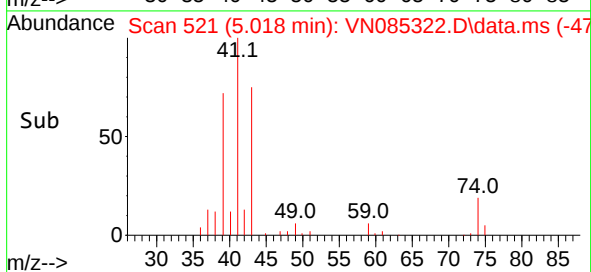
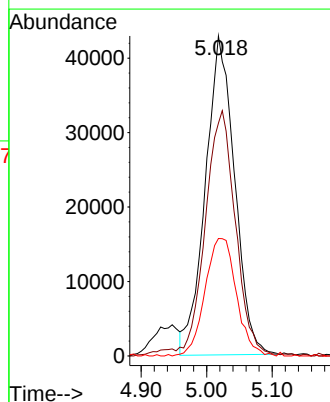
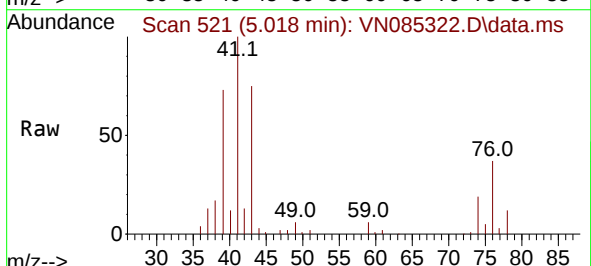
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

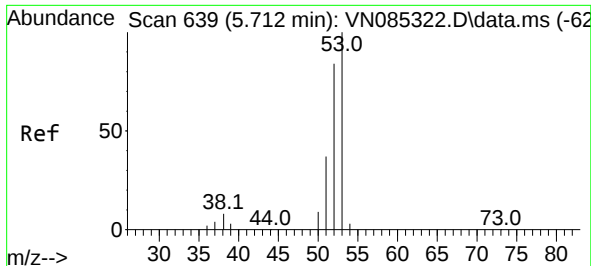
Tgt Ion: 56 Resp: 101450
Ion Ratio Lower Upper
56 100
55 71.9 57.5 86.3



#14
Allyl chloride
Concen: 48.082 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN085322.D
Acq: 27 Dec 2024 10:50

Tgt Ion: 41 Resp: 133004
Ion Ratio Lower Upper
41 100
39 80.5 64.4 96.6
76 39.4 31.5 47.3

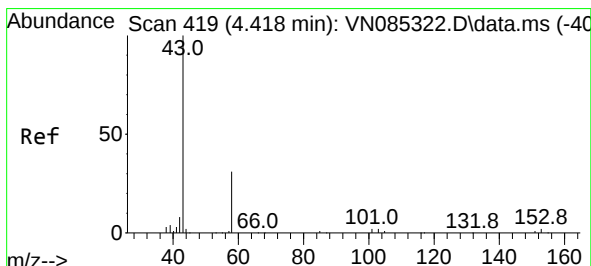
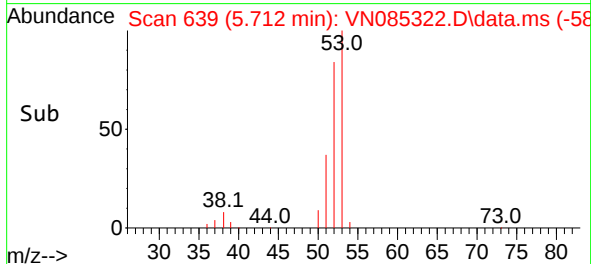
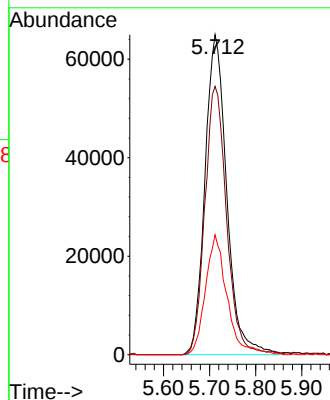
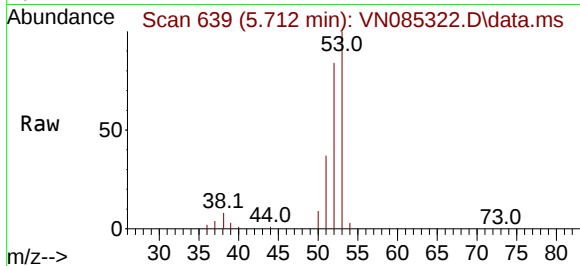




#15
Acrylonitrile
Concen: 244.575 ug/l
RT: 5.712 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN085322.D
Acq: 27 Dec 2024 10:50

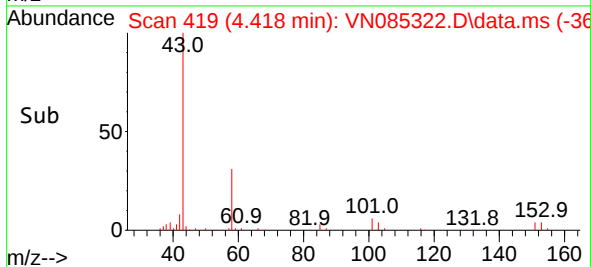
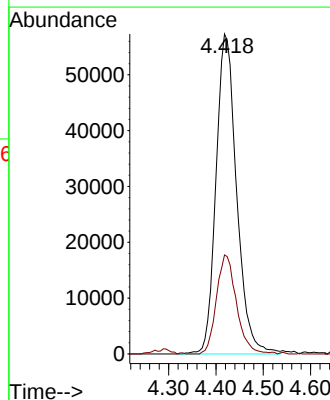
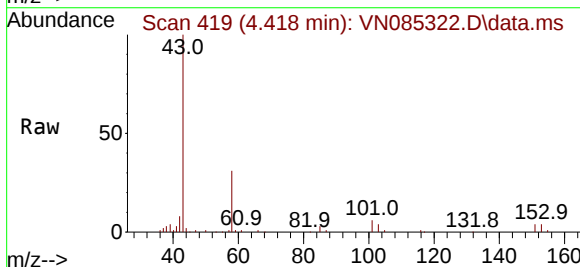
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

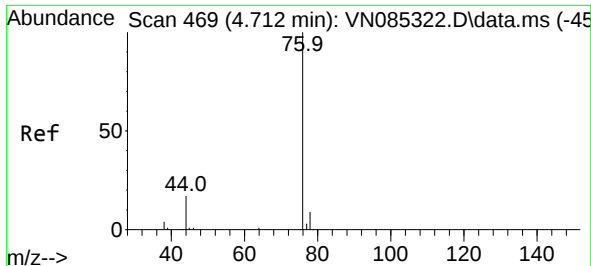
Tgt Ion: 53 Resp: 213836
Ion Ratio Lower Upper
53 100
52 83.3 66.6 100.0
51 37.0 29.6 44.4



#16
Acetone
Concen: 237.550 ug/l
RT: 4.418 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN085322.D
Acq: 27 Dec 2024 10:50

Tgt Ion: 43 Resp: 173280
Ion Ratio Lower Upper
43 100
58 30.6 24.5 36.7

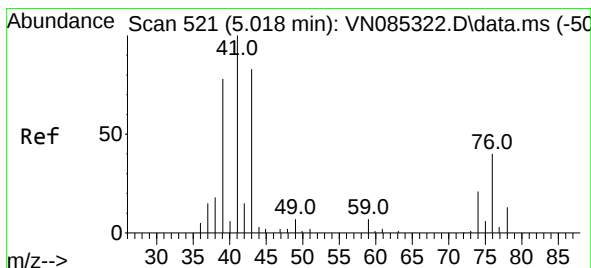
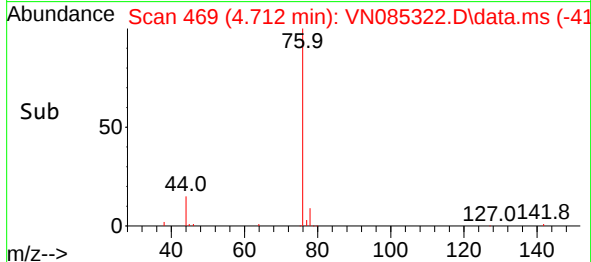
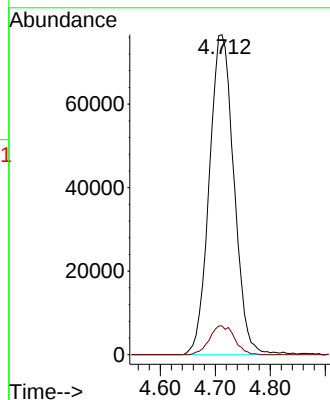
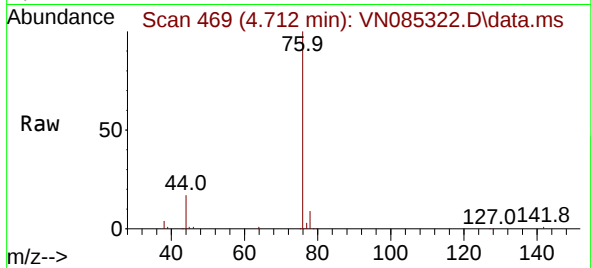




#17
Carbon Disulfide
Concen: 45.421 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN085322.D
Acq: 27 Dec 2024 10:50

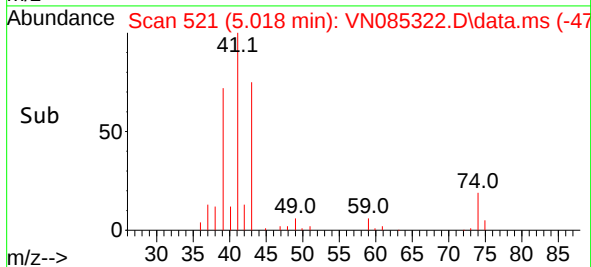
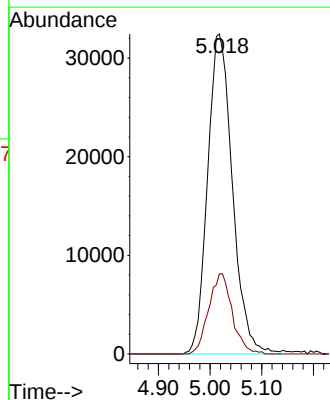
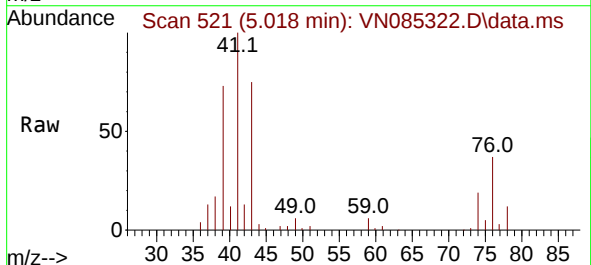
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

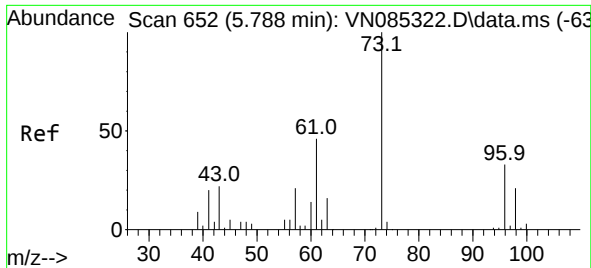
Tgt Ion: 76 Resp: 238824
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 48.449 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN085322.D
Acq: 27 Dec 2024 10:50

Tgt Ion: 43 Resp: 108199
Ion Ratio Lower Upper
43 100
74 23.8 19.0 28.6

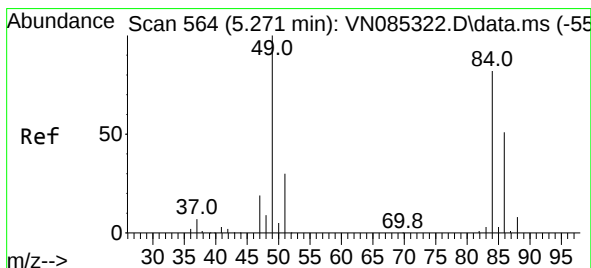
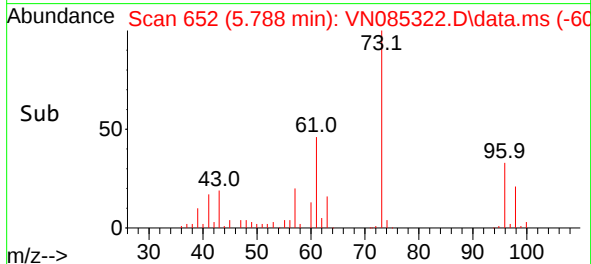
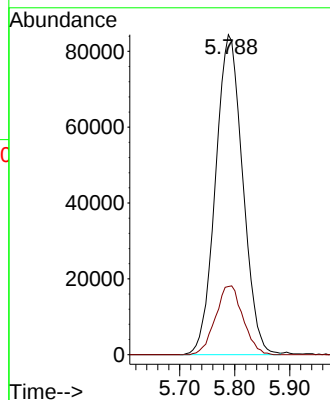
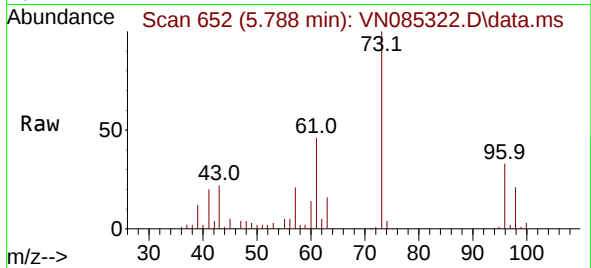




#19
Methyl tert-butyl Ether
Concen: 51.737 ug/l
RT: 5.788 min Scan# 619
Delta R.T. 0.000 min
Lab File: VN085322.D
Acq: 27 Dec 2024 10:50

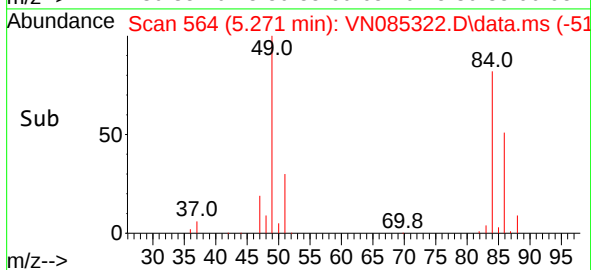
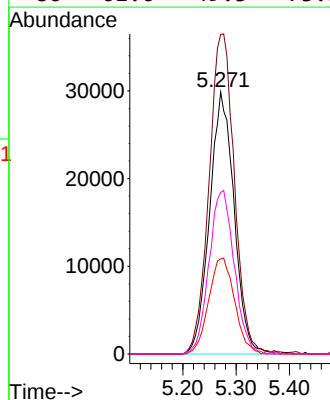
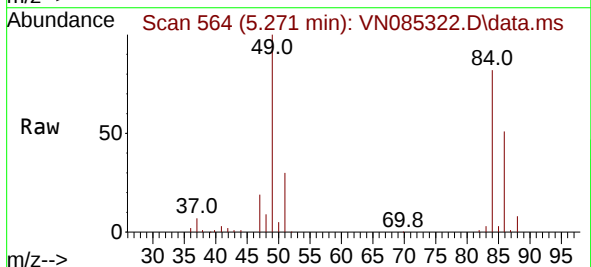
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

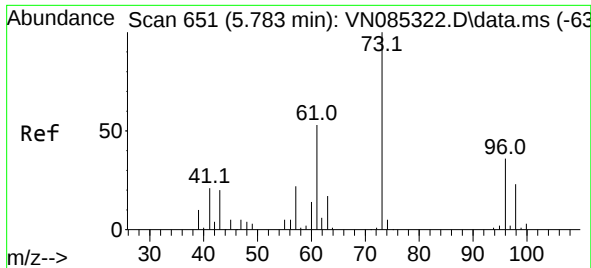
Tgt Ion: 73 Resp: 290643
Ion Ratio Lower Upper
73 100
57 21.3 17.0 25.6



#20
Methylene Chloride
Concen: 48.601 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.000 min
Lab File: VN085322.D
Acq: 27 Dec 2024 10:50

Tgt Ion: 84 Resp: 95357
Ion Ratio Lower Upper
84 100
49 122.0 97.6 146.4
51 36.4 29.1 43.7
86 61.6 49.3 73.9

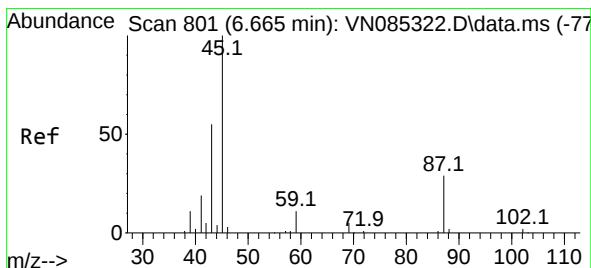
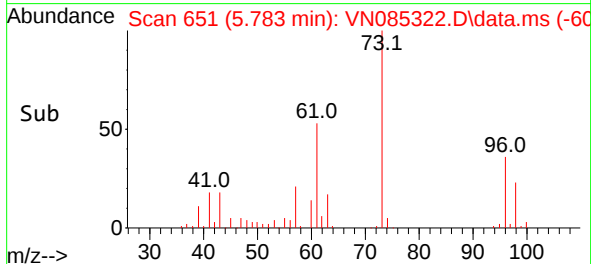
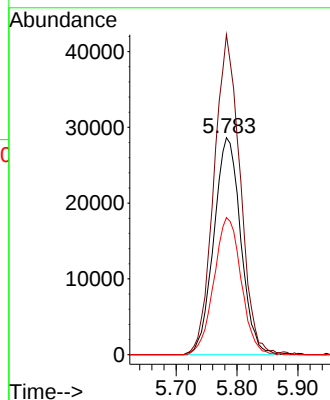
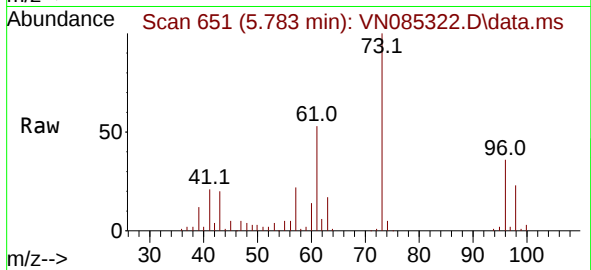




#21
trans-1,2-Dichloroethene
Concen: 48.686 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.000 min
Lab File: VN085322.D
Acq: 27 Dec 2024 10:50

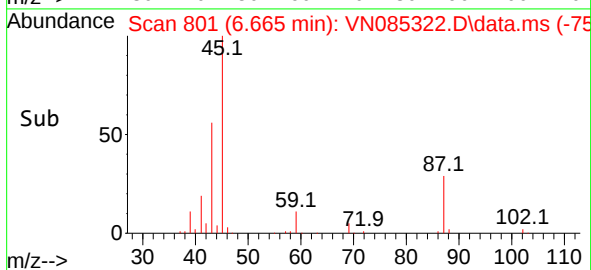
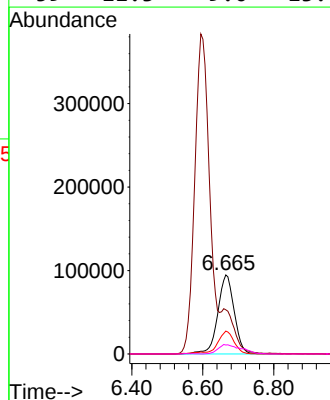
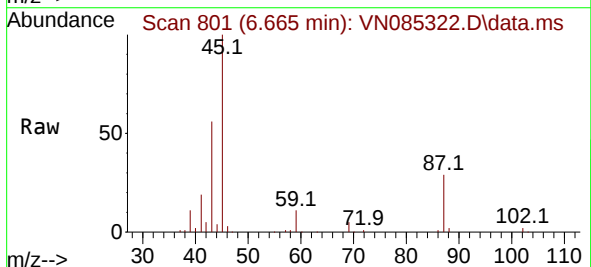
Instrument :
MSVOA_N
ClientSampleId :
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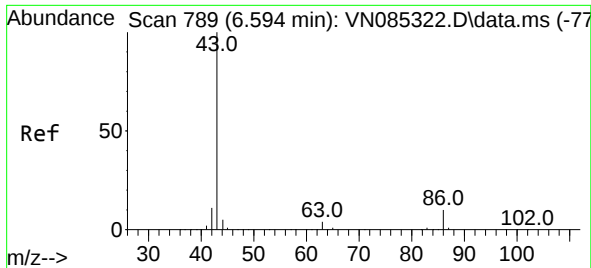
Tgt Ion: 96 Resp: 87901
Ion Ratio Lower Upper
96 100
61 147.5 118.0 177.0
98 63.2 50.6 75.8



#22
Diisopropyl ether
Concen: 50.788 ug/l
RT: 6.665 min Scan# 801
Delta R.T. 0.000 min
Lab File: VN085322.D
Acq: 27 Dec 2024 10:50

Tgt Ion: 45 Resp: 302742
Ion Ratio Lower Upper
45 100
43 55.1 44.1 66.1
87 29.0 23.2 34.8
59 11.3 9.0 13.6

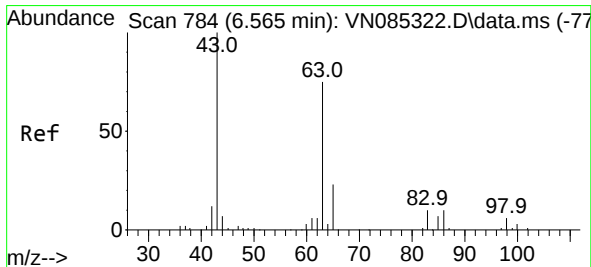
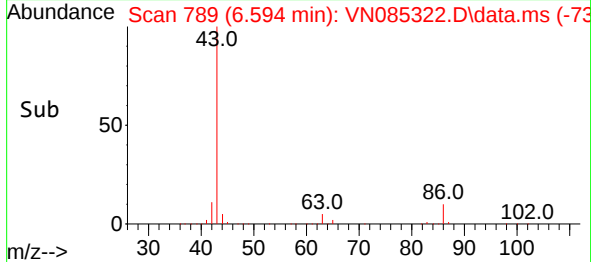
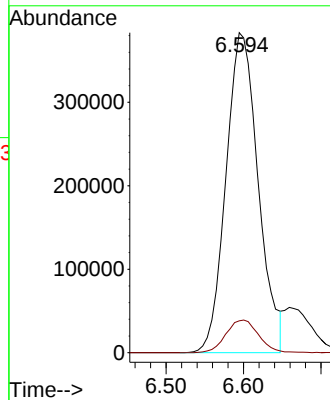
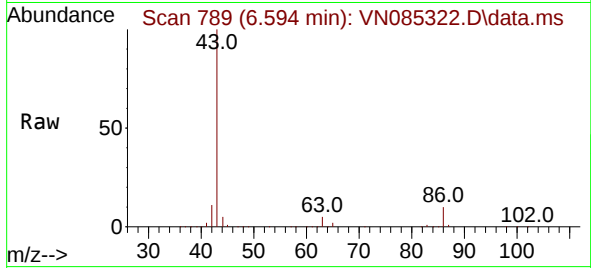




#23
 Vinyl Acetate
 Concen: 246.277 ug/l
 RT: 6.594 min Scan# 789
 Delta R.T. 0.000 min
 Lab File: VN085322.D
 Acq: 27 Dec 2024 10:50

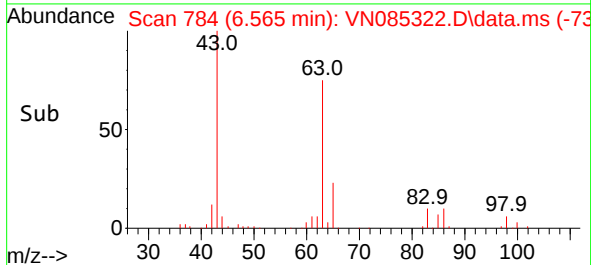
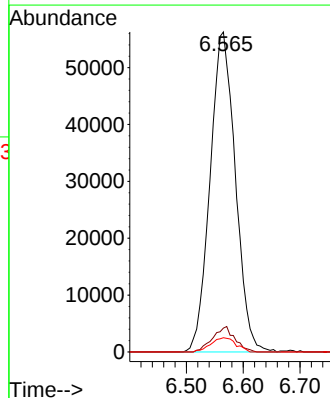
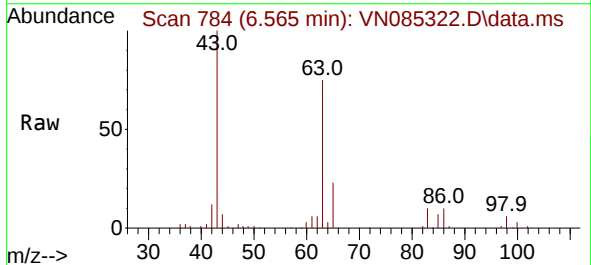
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

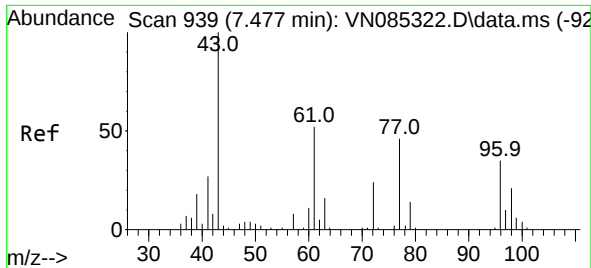
Tgt Ion: 43 Resp: 1110592
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.0 12.0



#24
 1,1-Dichloroethane
 Concen: 48.458 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN085322.D
 Acq: 27 Dec 2024 10:50

Tgt Ion: 63 Resp: 173999
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.7 11.1
 100 4.5 2.3 6.8

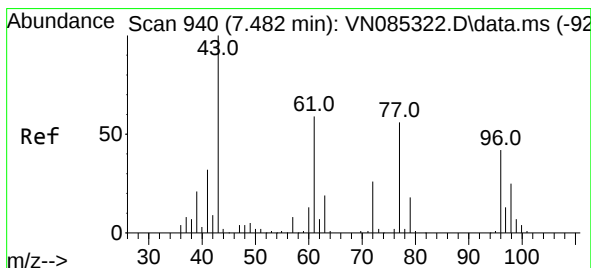
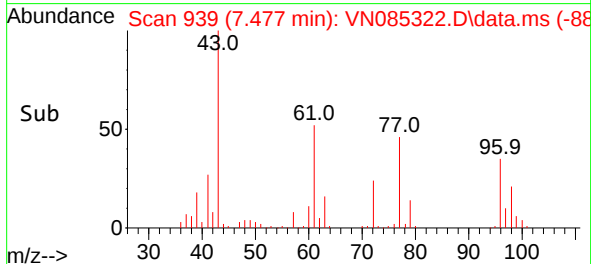
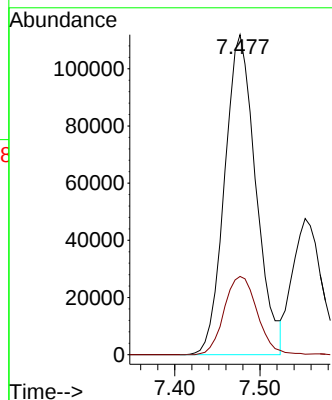
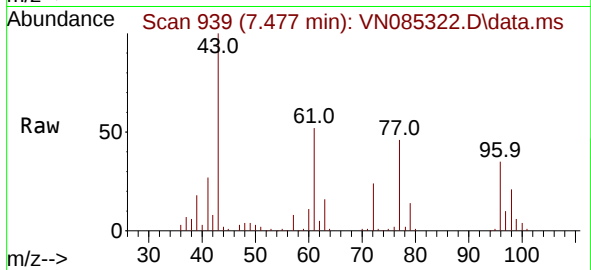




#25
2-Butanone
Concen: 252.198 ug/l
RT: 7.477 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN085322.D
Acq: 27 Dec 2024 10:50

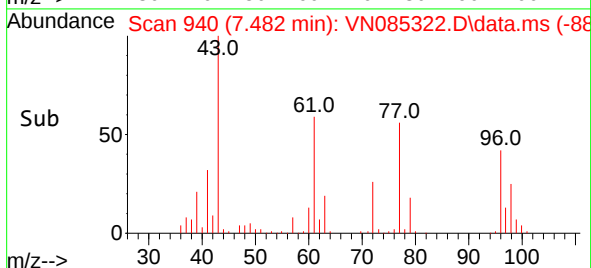
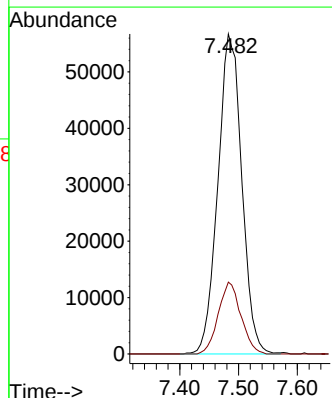
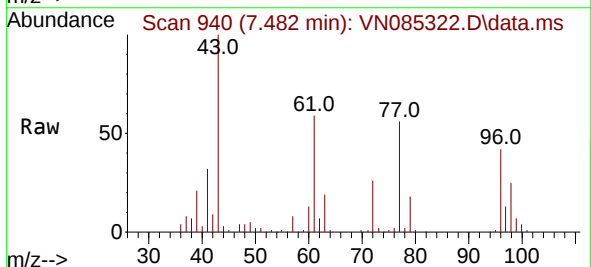
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

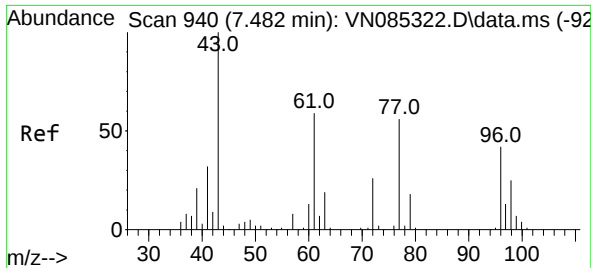
Tgt Ion: 43 Resp: 285403
Ion Ratio Lower Upper
43 100
72 24.5 19.6 29.4



#26
2,2-Dichloropropane
Concen: 50.897 ug/l
RT: 7.482 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN085322.D
Acq: 27 Dec 2024 10:50

Tgt Ion: 77 Resp: 160118
Ion Ratio Lower Upper
77 100
97 21.2 10.6 31.8



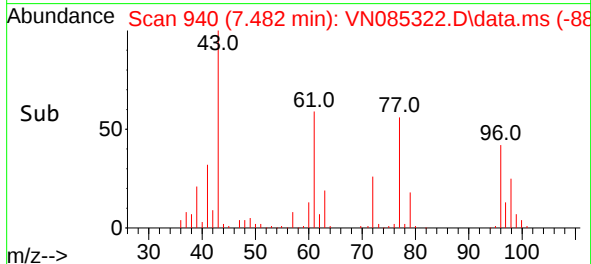
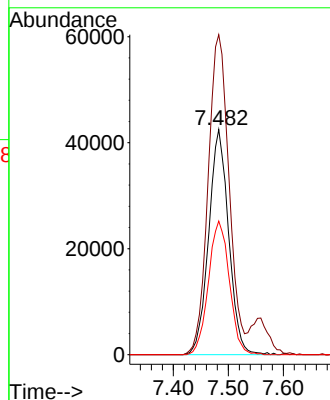
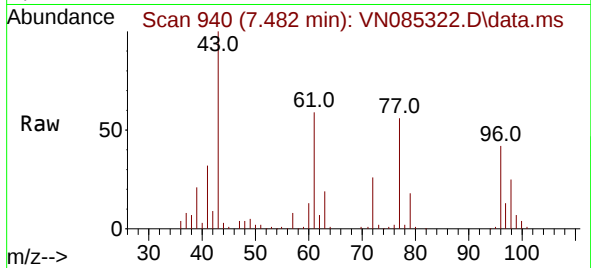


#27
 cis-1,2-Dichloroethene
 Concen: 50.718 ug/l
 RT: 7.482 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN085322.D
 Acq: 27 Dec 2024 10:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 96 Resp: 107476

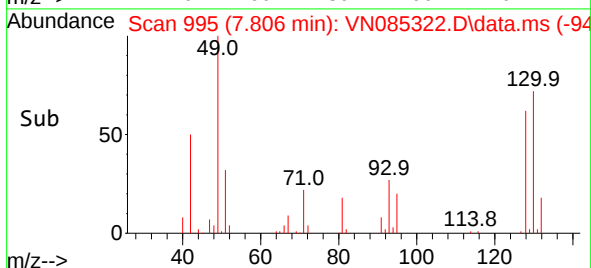
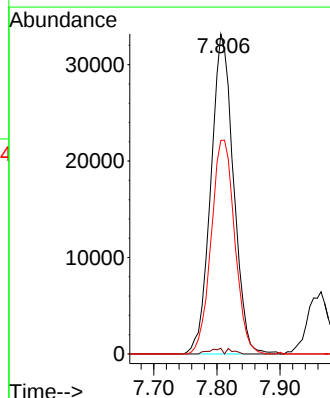
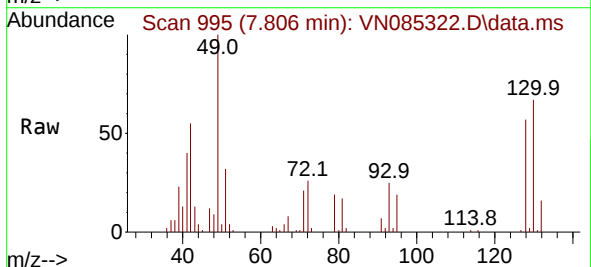
Ion	Ratio	Lower	Upper
96	100		
61	148.2	0.0	296.4
98	62.1	0.0	124.2

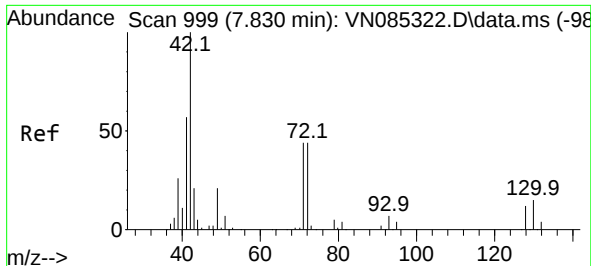


#28
 Bromochloromethane
 Concen: 49.616 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. 0.000 min
 Lab File: VN085322.D
 Acq: 27 Dec 2024 10:50

Tgt Ion: 49 Resp: 82793

Ion	Ratio	Lower	Upper
49	100		
129	1.0	0.0	2.0
130	0.0	0.0	0.0





#29

Tetrahydrofuran

Concen: 254.548 ug/l

RT: 7.830 min Scan# 999

Delta R.T. 0.000 min

Lab File: VN085322.D

Acq: 27 Dec 2024 10:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

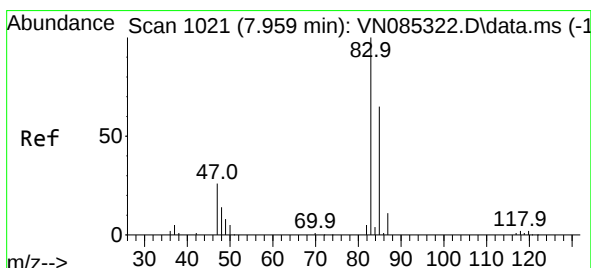
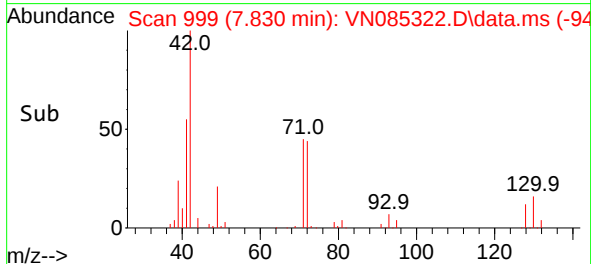
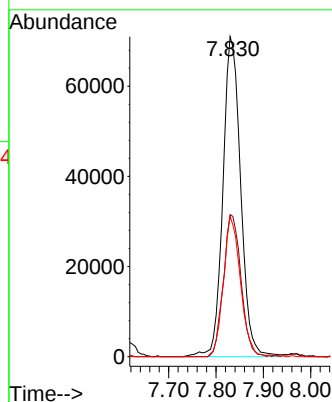
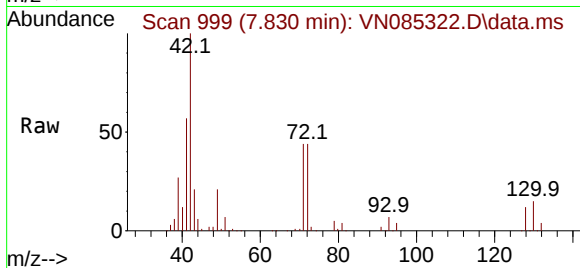
Tgt Ion: 42 Resp: 185555

Ion Ratio Lower Upper

42 100

72 43.9 35.1 52.7

71 41.7 33.4 50.0



#30

Chloroform

Concen: 47.991 ug/l

RT: 7.959 min Scan# 1021

Delta R.T. 0.000 min

Lab File: VN085322.D

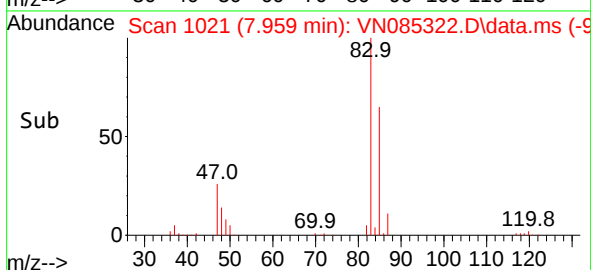
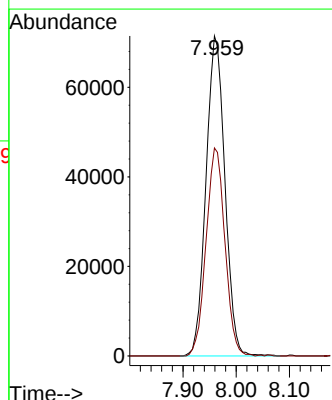
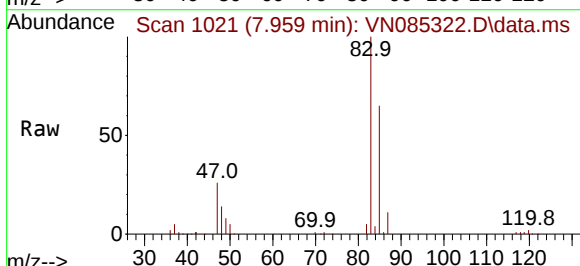
Acq: 27 Dec 2024 10:50

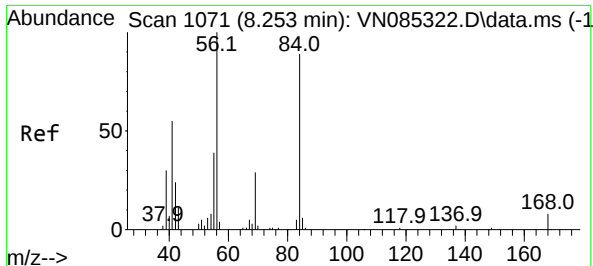
Tgt Ion: 83 Resp: 176294

Ion Ratio Lower Upper

83 100

85 65.0 52.0 78.0

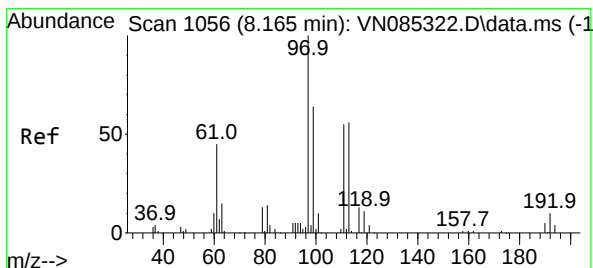
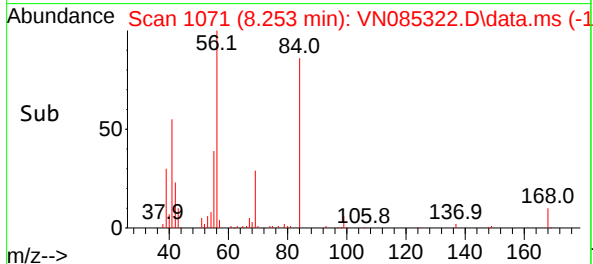
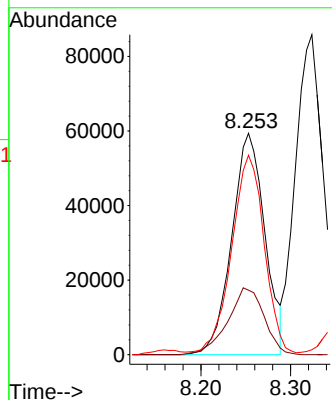
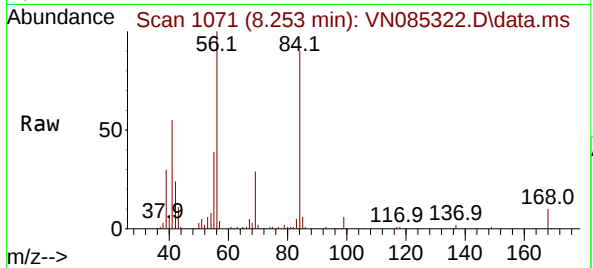




#31
Cyclohexane
Concen: 46.455 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN085322.D
Acq: 27 Dec 2024 10:50

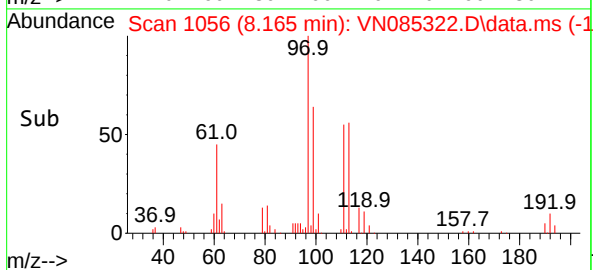
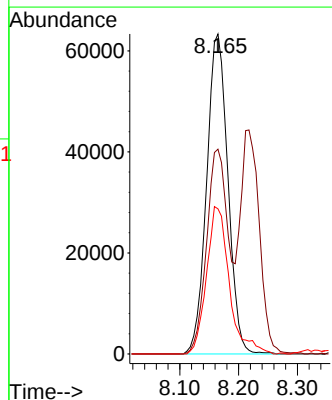
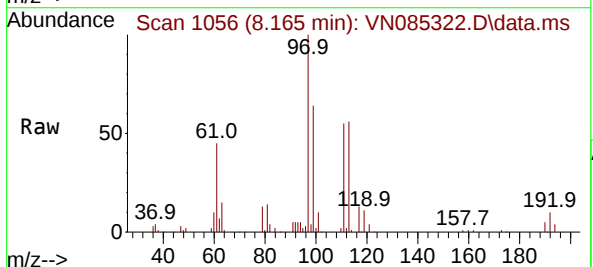
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

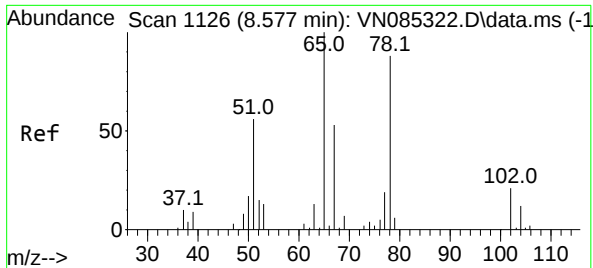
Tgt Ion: 56 Resp: 152319
Ion Ratio Lower Upper
56 100
69 29.2 23.4 35.0
84 88.8 71.0 106.6



#32
1,1,1-Trichloroethane
Concen: 48.441 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN085322.D
Acq: 27 Dec 2024 10:50

Tgt Ion: 97 Resp: 158921
Ion Ratio Lower Upper
97 100
99 66.6 53.3 79.9
61 49.5 39.6 59.4





#33

1,2-Dichloroethane-d4

Concen: 50.305 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN085322.D

Acq: 27 Dec 2024 10:50

Instrument :

MSVOA_N

ClientSampleId :

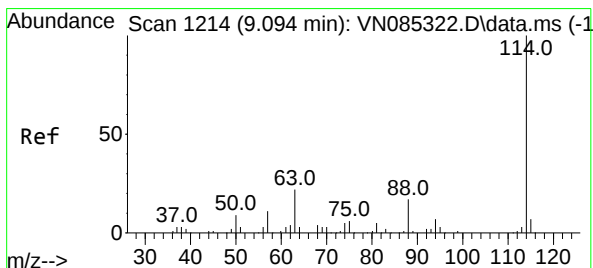
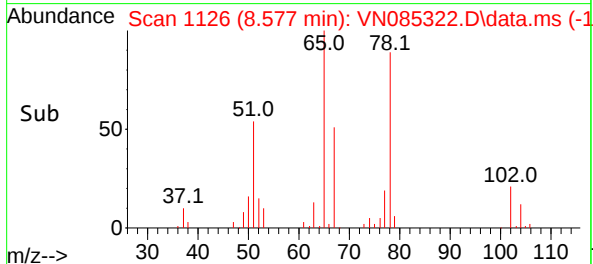
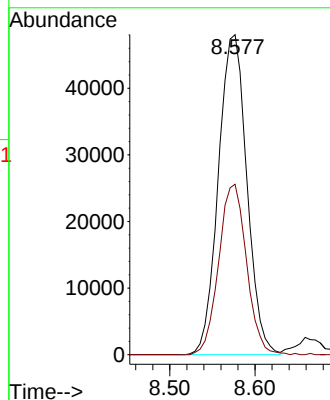
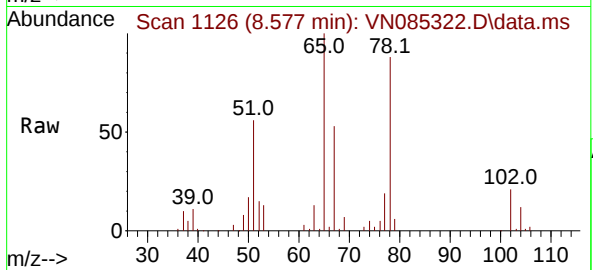
VSTDICCC050

Tgt Ion: 65 Resp: 111594

Ion Ratio Lower Upper

65 100

67 52.0 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.094 min Scan# 1214

Delta R.T. 0.000 min

Lab File: VN085322.D

Acq: 27 Dec 2024 10:50

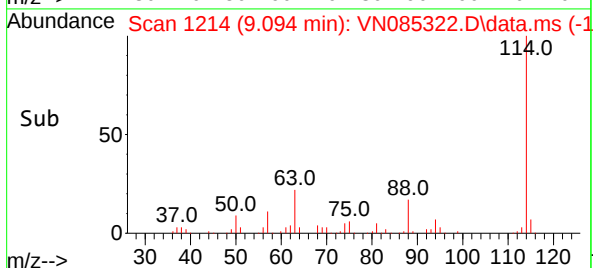
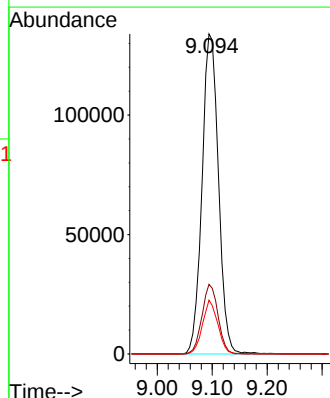
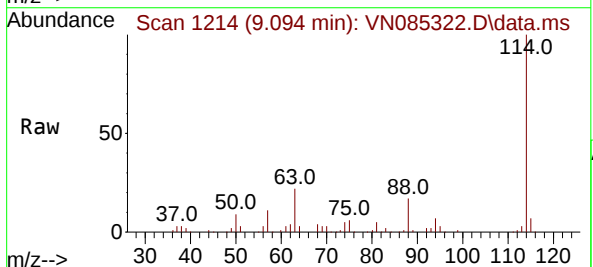
Tgt Ion: 114 Resp: 278404

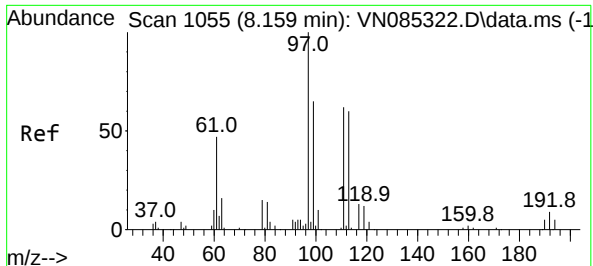
Ion Ratio Lower Upper

114 100

63 21.7 0.0 43.4

88 16.8 0.0 33.6





#35

Dibromofluoromethane

Concen: 50.825 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VN085322.D

Acq: 27 Dec 2024 10:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

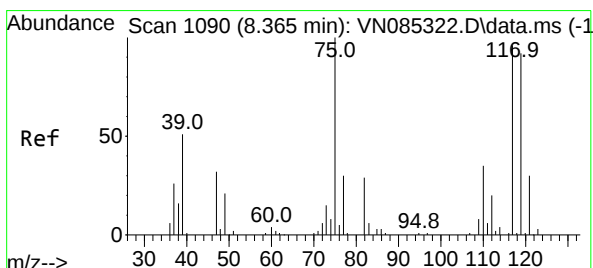
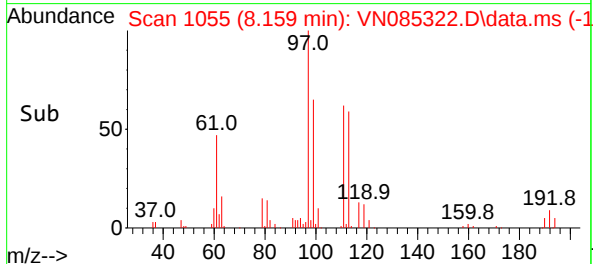
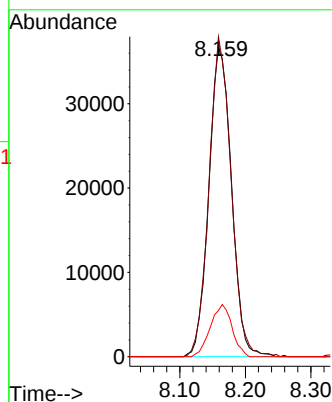
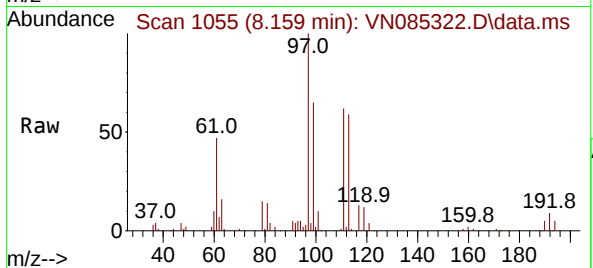
Tgt Ion:113 Resp: 88275

Ion Ratio Lower Upper

113 100

111 100.6 80.5 120.7

192 16.1 12.9 19.3



#36

1,1-Dichloropropene

Concen: 50.513 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. 0.000 min

Lab File: VN085322.D

Acq: 27 Dec 2024 10:50

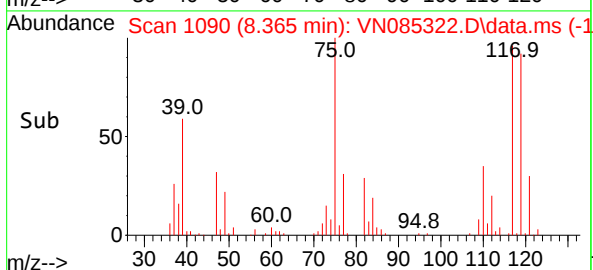
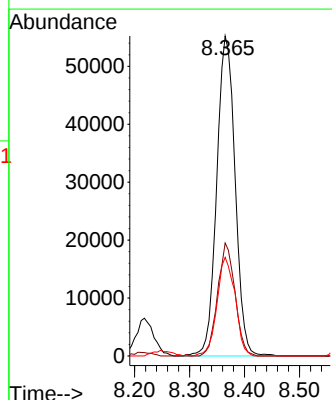
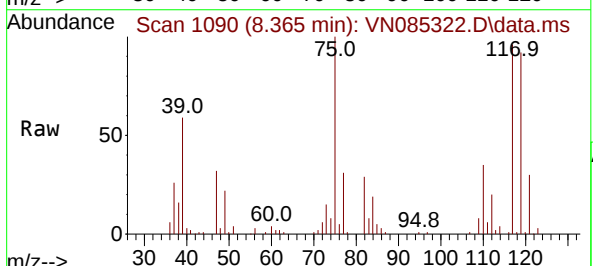
Tgt Ion: 75 Resp: 128454

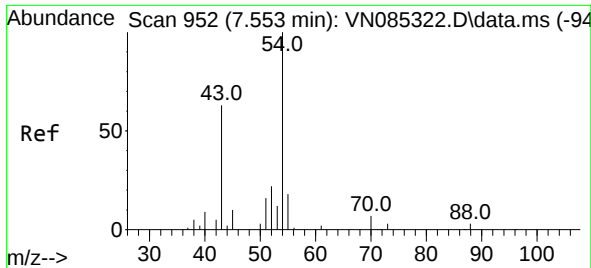
Ion Ratio Lower Upper

75 100

110 33.2 16.6 49.8

77 30.4 24.3 36.5

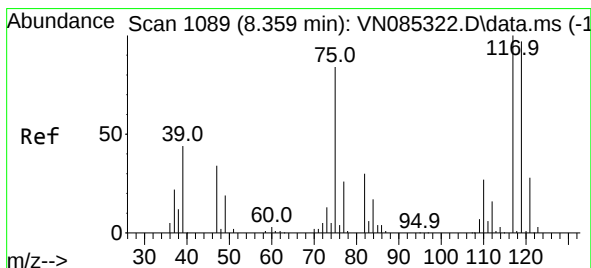
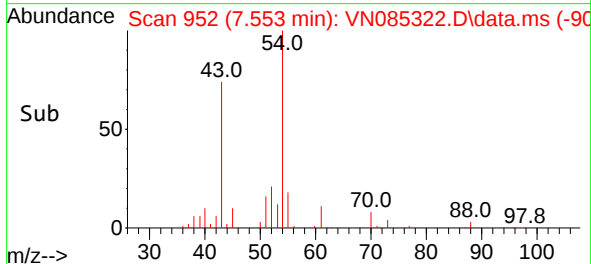
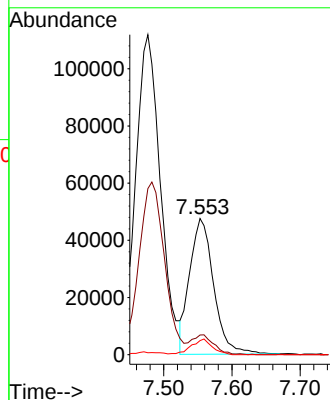
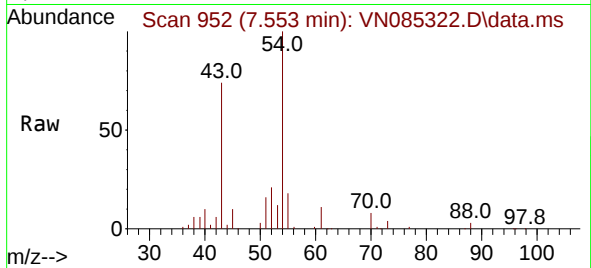




#37
Ethyl Acetate
Concen: 45.842 ug/l
RT: 7.553 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN085322.D
Acq: 27 Dec 2024 10:50

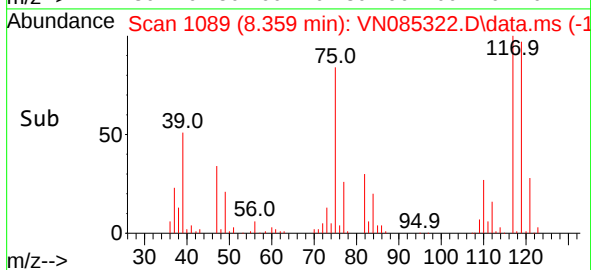
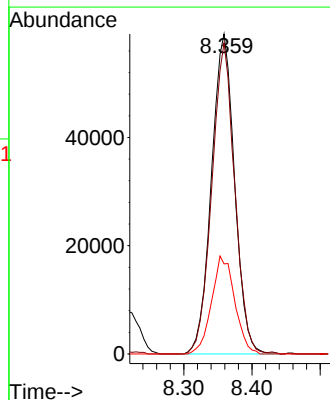
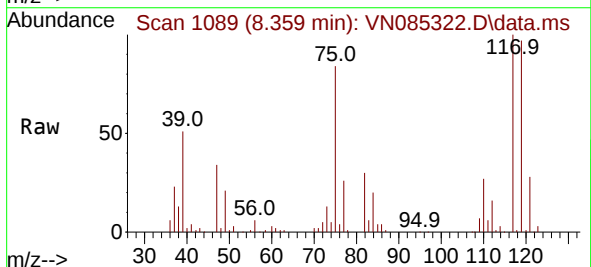
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

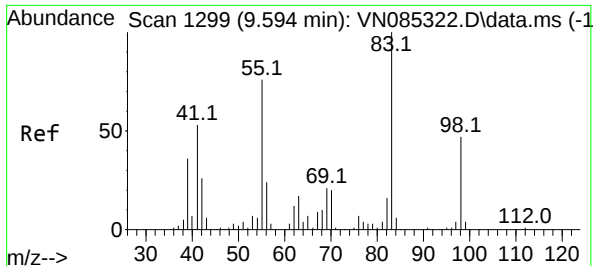
Tgt Ion: 43 Resp: 115871
Ion Ratio Lower Upper
43 100
61 13.0 10.4 15.6
70 10.2 8.2 12.2



#38
Carbon Tetrachloride
Concen: 50.401 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN085322.D
Acq: 27 Dec 2024 10:50

Tgt Ion: 117 Resp: 139705
Ion Ratio Lower Upper
117 100
119 97.2 77.8 116.6
121 28.1 22.5 33.7





#39

Methylcyclohexane

Concen: 53.172 ug/l

RT: 9.594 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VN085322.D

Acq: 27 Dec 2024 10:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

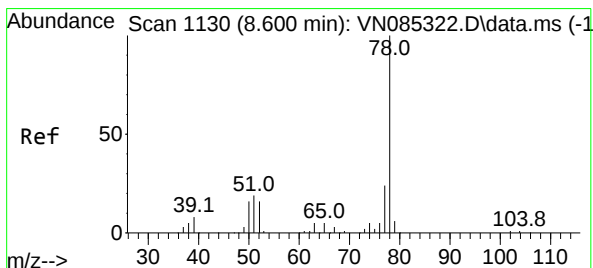
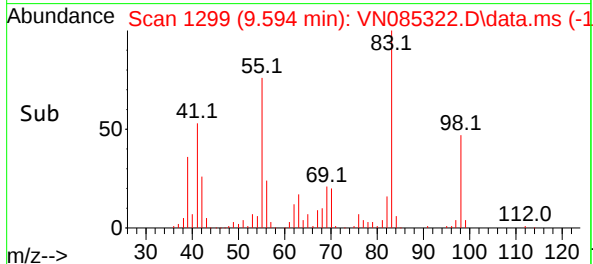
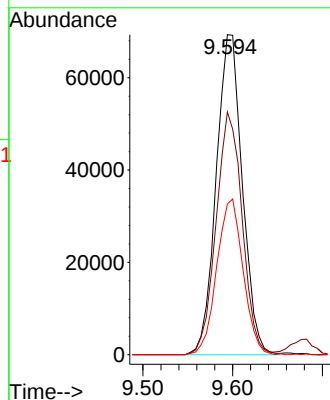
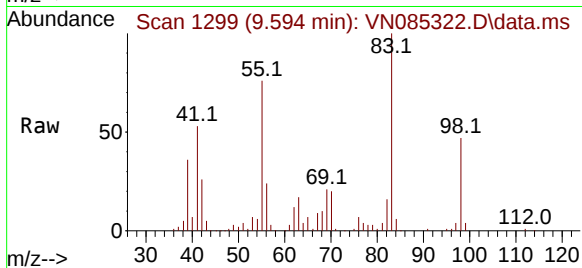
Tgt Ion: 83 Resp: 140293

Ion Ratio Lower Upper

83 100

55 75.9 60.7 91.1

98 47.1 37.7 56.5



#40

Benzene

Concen: 49.867 ug/l

RT: 8.600 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN085322.D

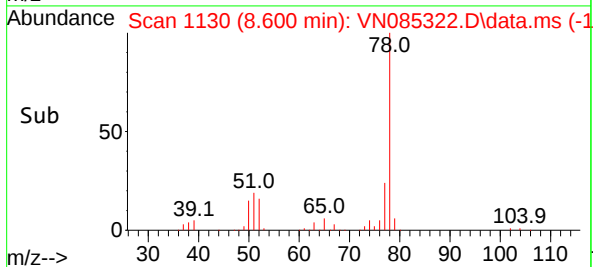
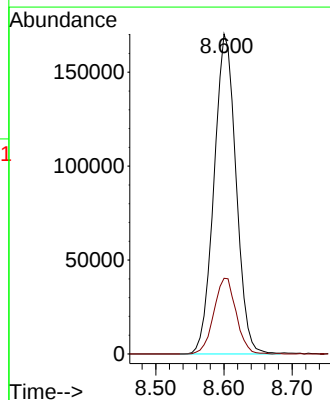
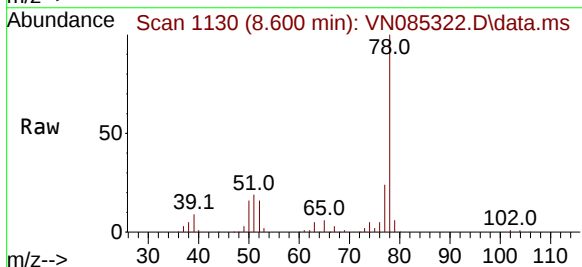
Acq: 27 Dec 2024 10:50

Tgt Ion: 78 Resp: 383405

Ion Ratio Lower Upper

78 100

77 23.7 19.0 28.4

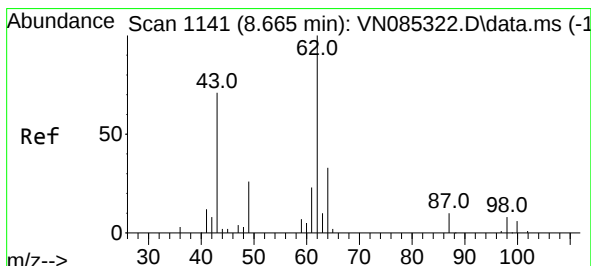
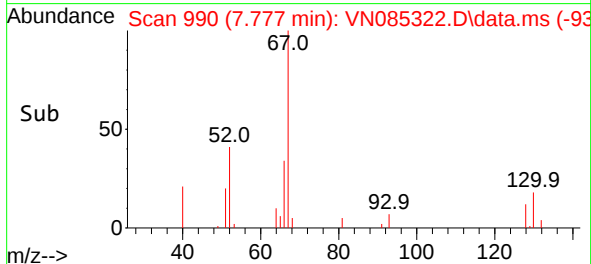
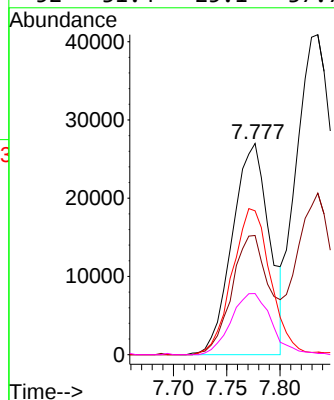
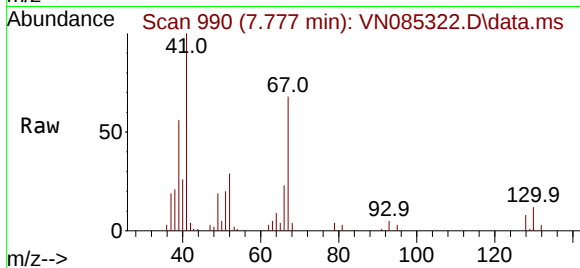




#41
Methacrylonitrile
Concen: 50.764 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN085322.D
Acq: 27 Dec 2024 10:50

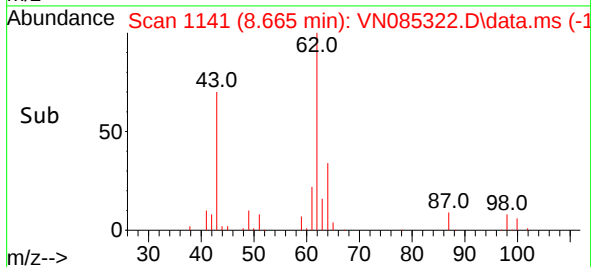
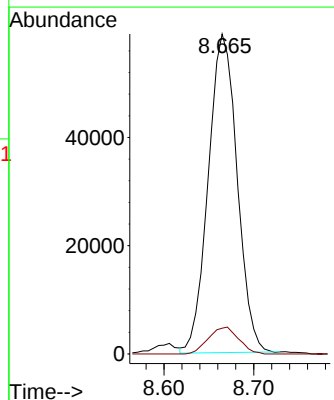
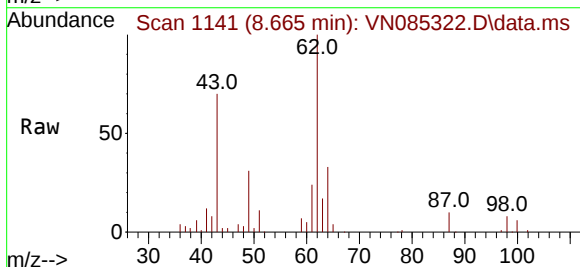
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:	41	Resp:	65714
Ion	Ratio	Lower	Upper
41	100		
39	57.3	45.8	68.8
67	71.4	57.1	85.7
52	31.4	25.1	37.7



#42
1,2-Dichloroethane
Concen: 47.766 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN085322.D
Acq: 27 Dec 2024 10:50

Tgt Ion:	62	Resp:	131673
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.6





#43

Isopropyl Acetate

Concen: 49.811 ug/l

RT: 8.682 min Scan# 1144

Delta R.T. 0.000 min

Lab File: VN085322.D

Acq: 27 Dec 2024 10:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

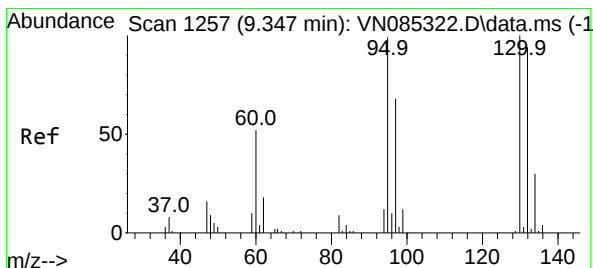
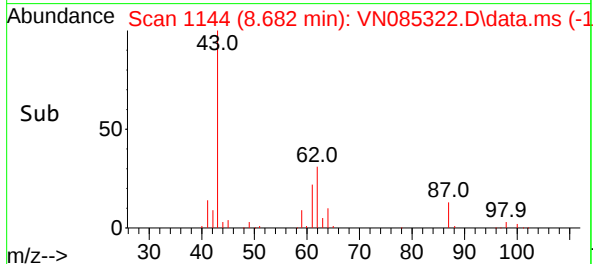
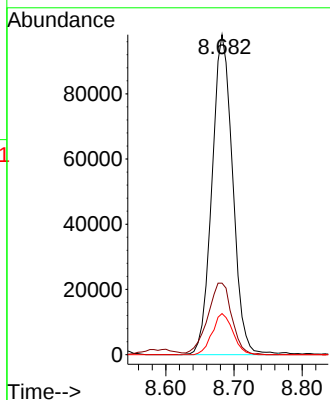
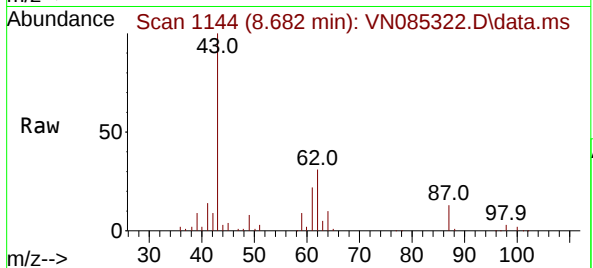
Tgt Ion: 43 Resp: 207309

Ion Ratio Lower Upper

43 100

61 26.0 20.8 31.2

87 12.8 10.2 15.4



#44

Trichloroethene

Concen: 47.578 ug/l

RT: 9.347 min Scan# 1257

Delta R.T. 0.000 min

Lab File: VN085322.D

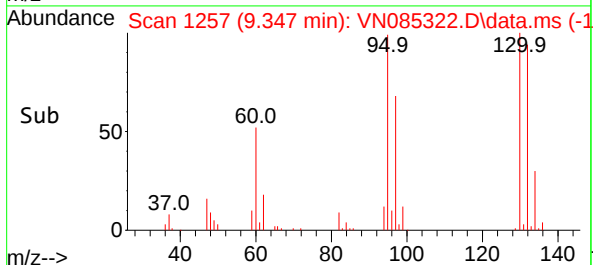
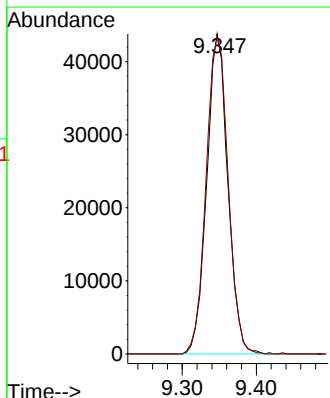
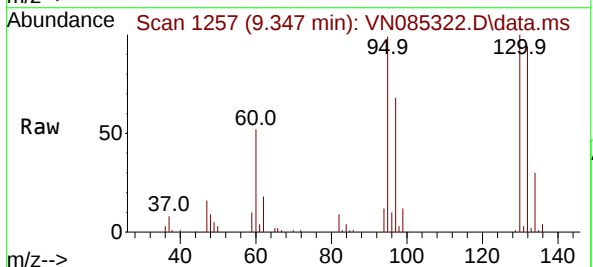
Acq: 27 Dec 2024 10:50

Tgt Ion:130 Resp: 86607

Ion Ratio Lower Upper

130 100

95 98.9 0.0 197.8





#45

1,2-Dichloropropane

Concen: 48.407 ug/l

RT: 9.612 min Scan# 1302

Delta R.T. 0.000 min

Lab File: VN085322.D

Acq: 27 Dec 2024 10:50

Instrument :

MSVOA_N

ClientSampleId :

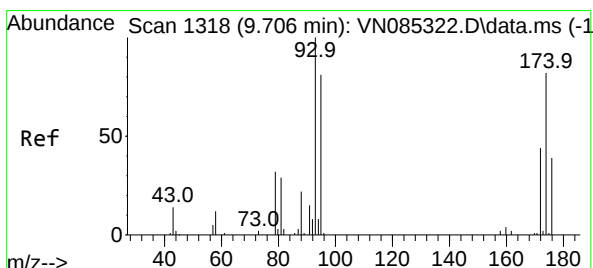
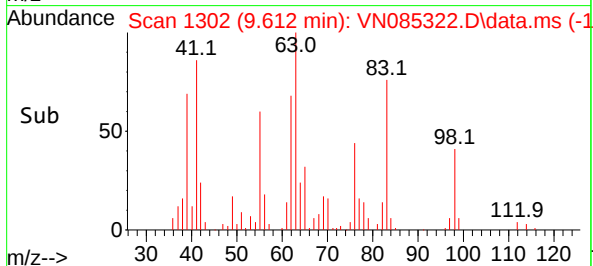
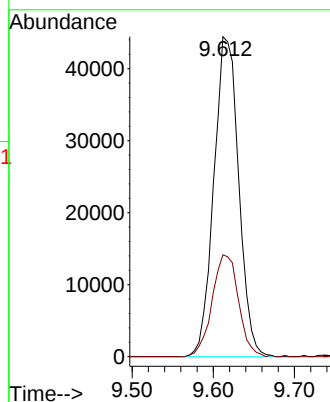
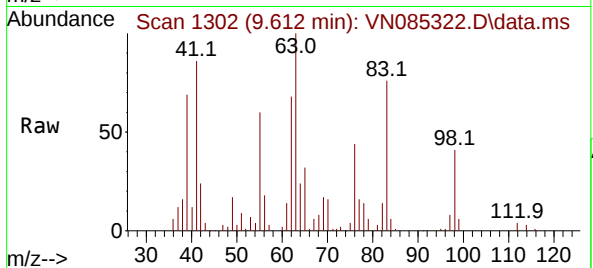
VSTDICCC050

Tgt Ion: 63 Resp: 94480

Ion Ratio Lower Upper

63 100

65 31.9 25.5 38.3



#46

Dibromomethane

Concen: 49.281 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN085322.D

Acq: 27 Dec 2024 10:50

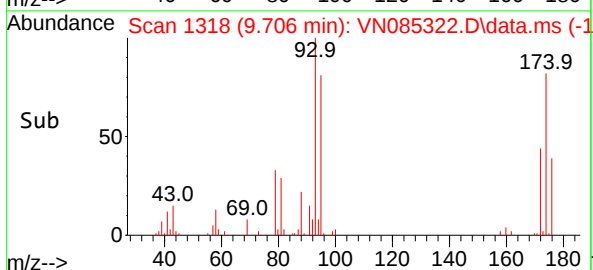
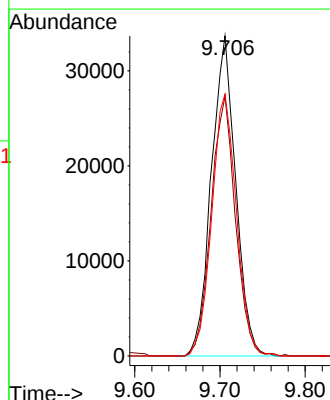
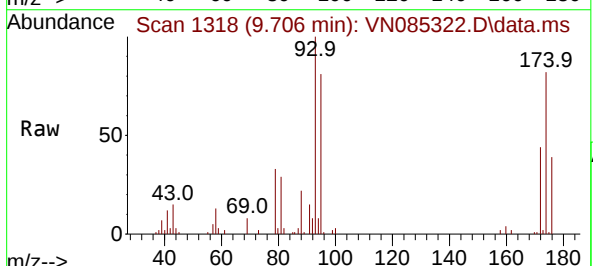
Tgt Ion: 93 Resp: 66895

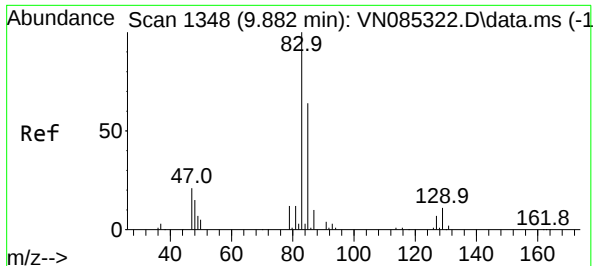
Ion Ratio Lower Upper

93 100

95 81.6 65.3 97.9

174 83.0 66.4 99.6

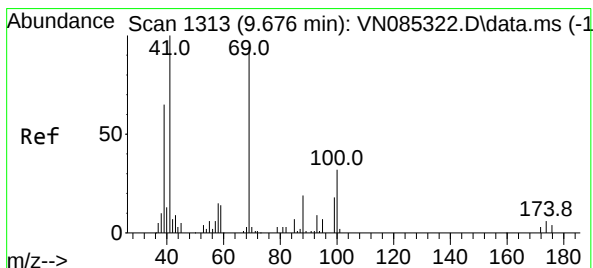
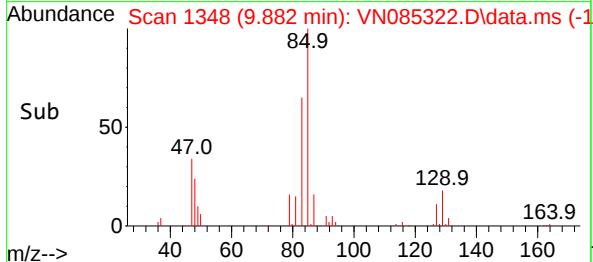
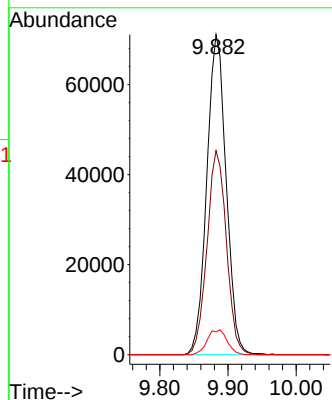
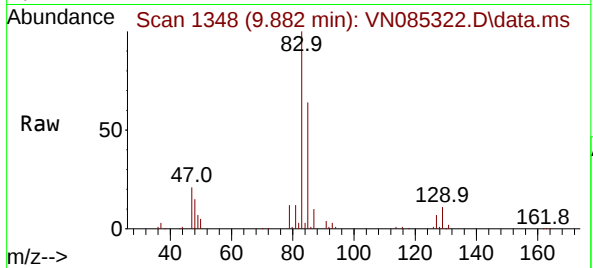




#47
Bromodichloromethane
Concen: 49.791 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VN085322.D
Acq: 27 Dec 2024 10:50

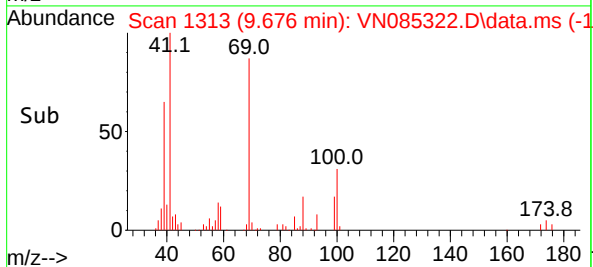
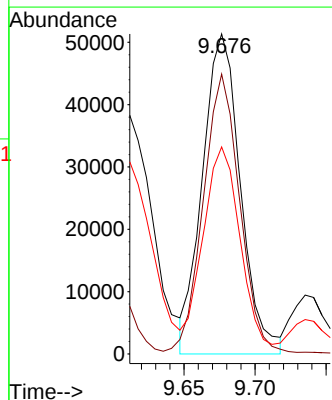
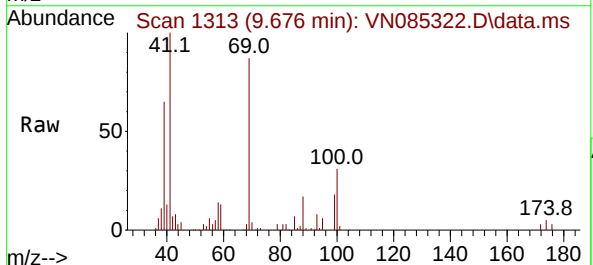
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

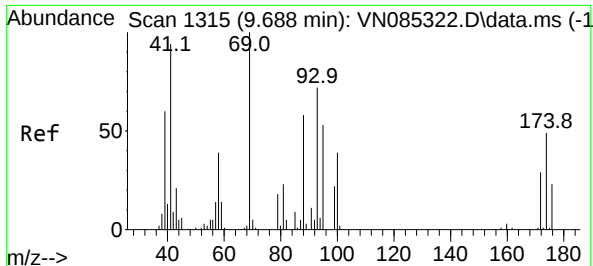
Tgt Ion: 83 Resp: 140475
Ion Ratio Lower Upper
83 100
85 63.7 51.0 76.4
127 7.2 5.8 8.6



#48
Methyl methacrylate
Concen: 52.885 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN085322.D
Acq: 27 Dec 2024 10:50

Tgt Ion: 41 Resp: 95506
Ion Ratio Lower Upper
41 100
69 84.6 67.7 101.5
39 64.0 51.2 76.8

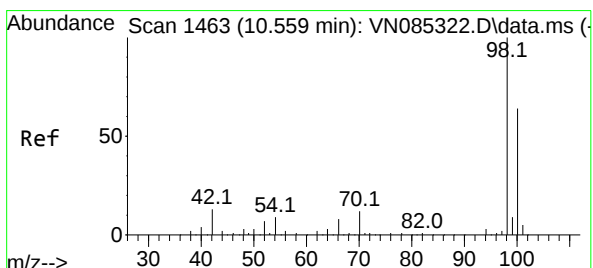
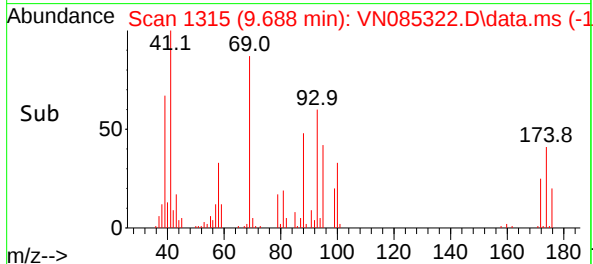
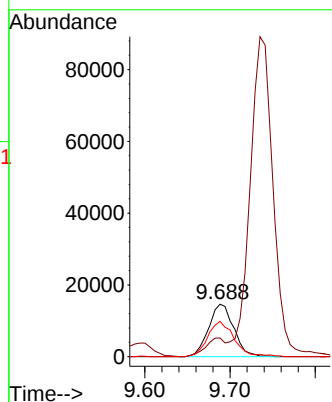
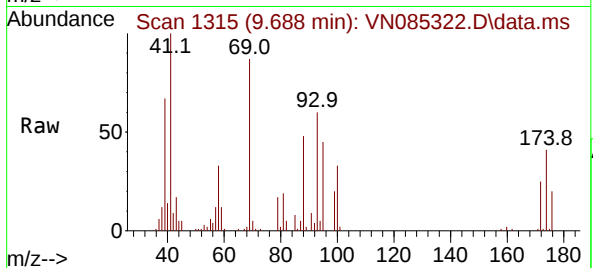




#49
1,4-Dioxane
Concen: 1099.805 ug/l
RT: 9.688 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN085322.D
Acq: 27 Dec 2024 10:50

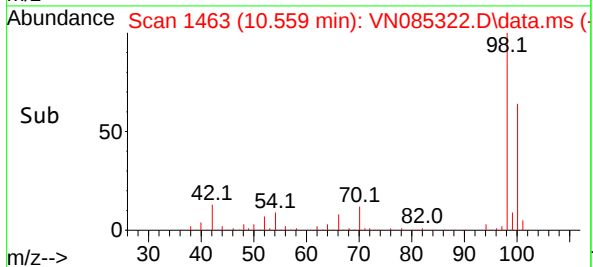
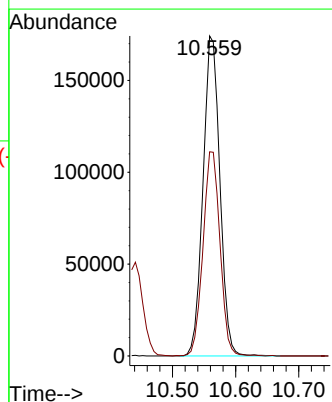
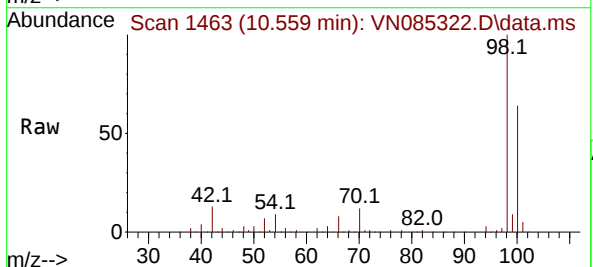
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

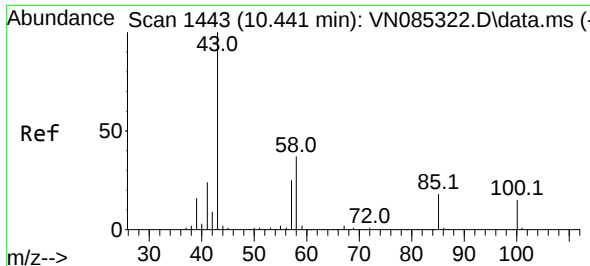
Tgt Ion: 88 Resp: 29967
Ion Ratio Lower Upper
88 100
43 27.6 22.1 33.1
58 70.9 56.7 85.1



#50
Toluene-d8
Concen: 50.695 ug/l
RT: 10.559 min Scan# 1463
Delta R.T. 0.000 min
Lab File: VN085322.D
Acq: 27 Dec 2024 10:50

Tgt Ion: 98 Resp: 323100
Ion Ratio Lower Upper
98 100
100 64.4 51.5 77.3





#51

4-Methyl-2-Pentanone

Concen: 258.422 ug/l

RT: 10.441 min Scan# 1443

Delta R.T. 0.000 min

Lab File: VN085322.D

Acq: 27 Dec 2024 10:50

Instrument :

MSVOA_N

ClientSampleId :

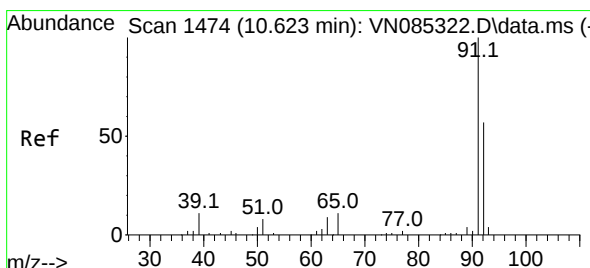
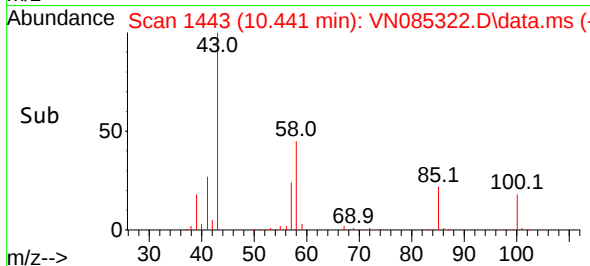
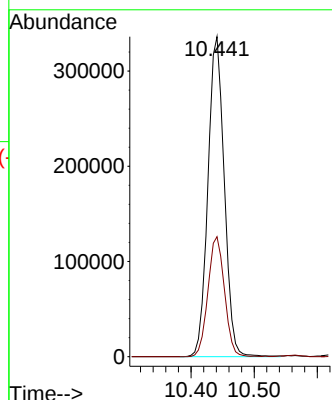
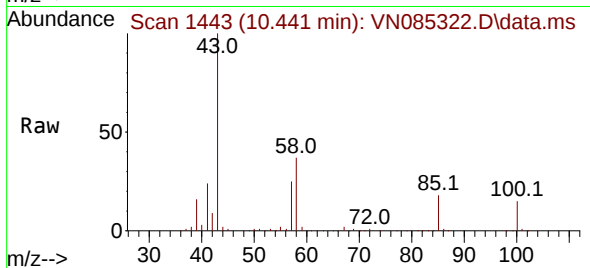
VSTDICCC050

Tgt Ion: 43 Resp: 604417

Ion Ratio Lower Upper

43 100

58 37.9 30.3 45.5



#52

Toluene

Concen: 51.469 ug/l

RT: 10.623 min Scan# 1474

Delta R.T. 0.000 min

Lab File: VN085322.D

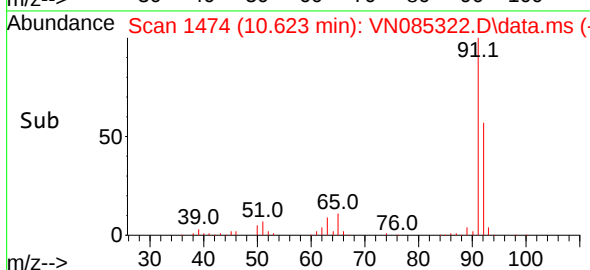
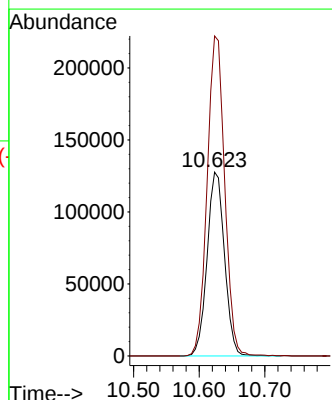
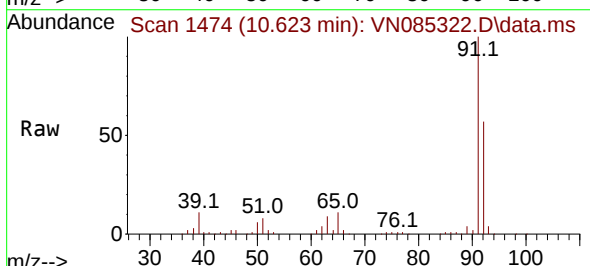
Acq: 27 Dec 2024 10:50

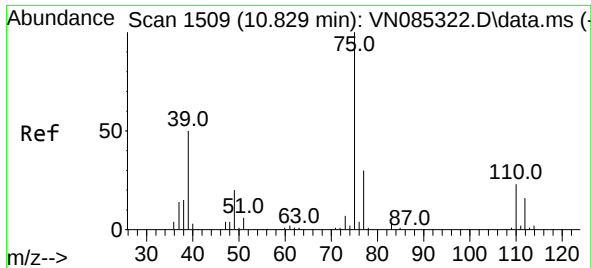
Tgt Ion: 92 Resp: 235625

Ion Ratio Lower Upper

92 100

91 175.3 140.2 210.4

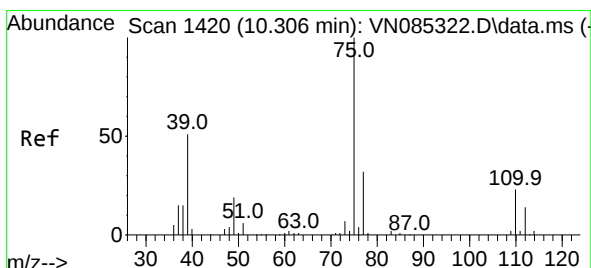
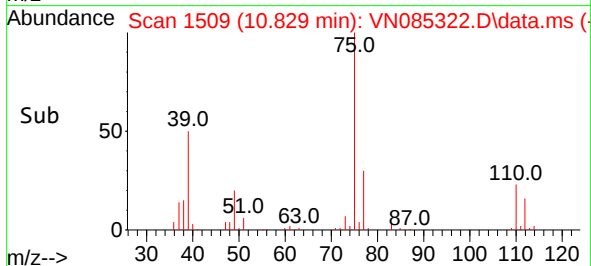
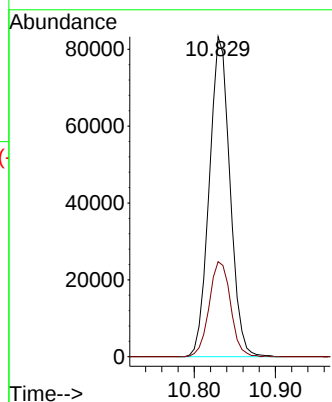
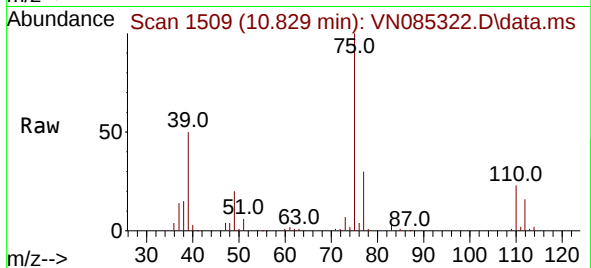




#53
 t-1,3-Dichloropropene
 Concen: 53.087 ug/l
 RT: 10.829 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VN085322.D
 Acq: 27 Dec 2024 10:50

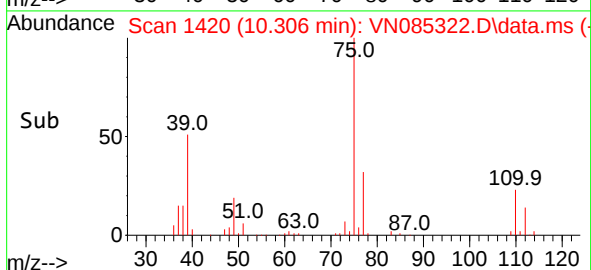
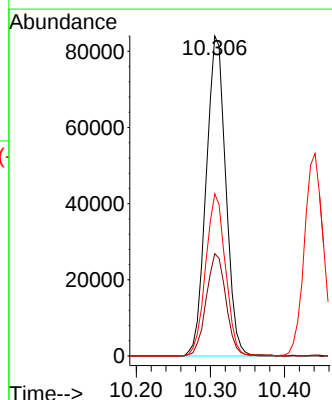
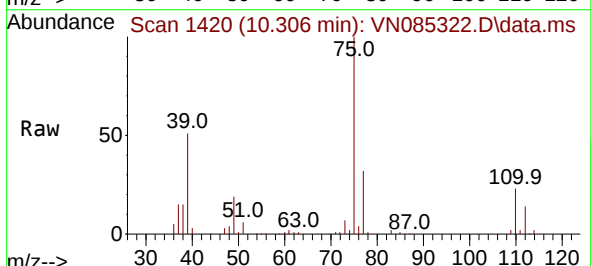
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

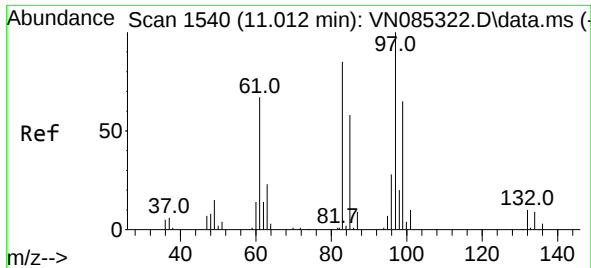
Tgt Ion: 75 Resp: 147289
 Ion Ratio Lower Upper
 75 100
 77 29.7 23.8 35.6



#54
 cis-1,3-Dichloropropene
 Concen: 51.536 ug/l
 RT: 10.306 min Scan# 1420
 Delta R.T. 0.000 min
 Lab File: VN085322.D
 Acq: 27 Dec 2024 10:50

Tgt Ion: 75 Resp: 154618
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.5 38.3
 39 50.6 40.5 60.7

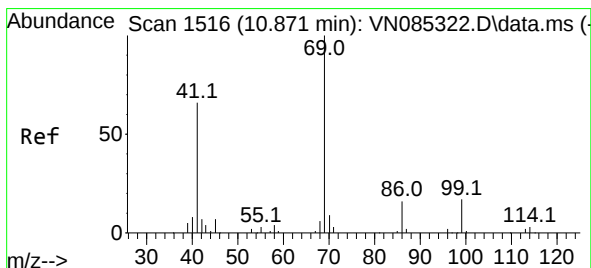
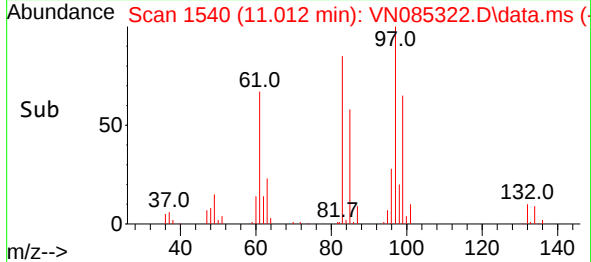
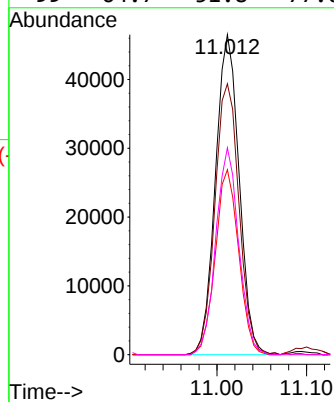
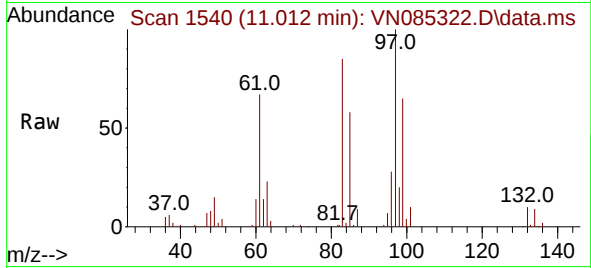




#55
1,1,2-Trichloroethane
Concen: 49.329 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VN085322.D
Acq: 27 Dec 2024 10:50

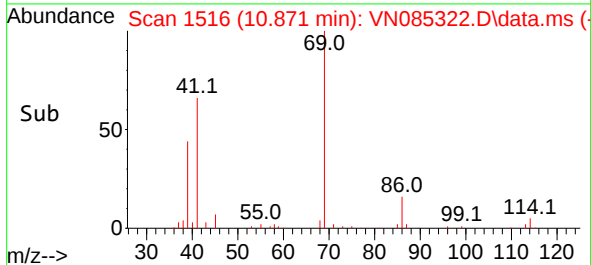
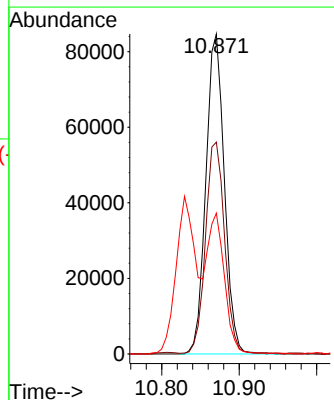
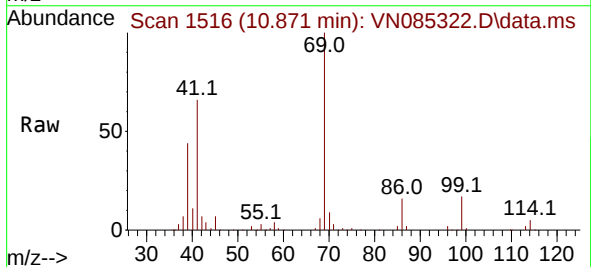
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

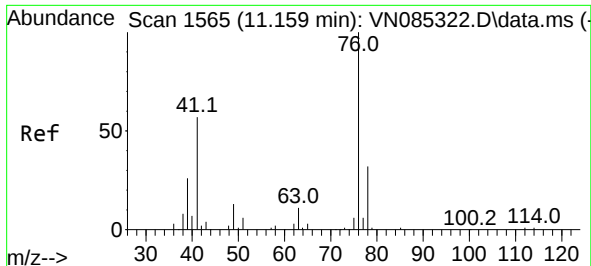
Tgt Ion: 97	Resp: 85262
Ion Ratio	Lower Upper
97 100	
83 84.6	67.7 101.5
85 57.8	46.2 69.4
99 64.7	51.8 77.6



#56
Ethyl methacrylate
Concen: 55.599 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN085322.D
Acq: 27 Dec 2024 10:50

Tgt Ion: 69	Resp: 139960
Ion Ratio	Lower Upper
69 100	
41 67.9	54.3 81.5
39 40.0	32.0 48.0





#57

1,3-Dichloropropane

Concen: 50.893 ug/l

RT: 11.159 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN085322.D

Acq: 27 Dec 2024 10:50

Instrument :

MSVOA_N

ClientSampleId :

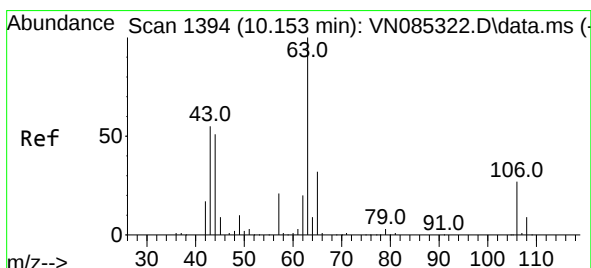
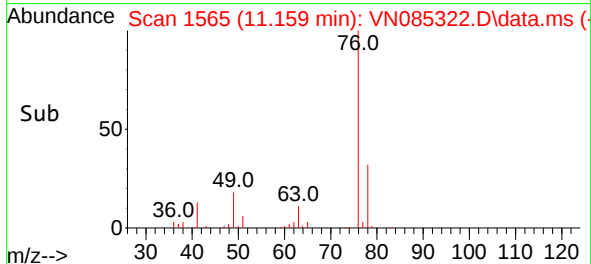
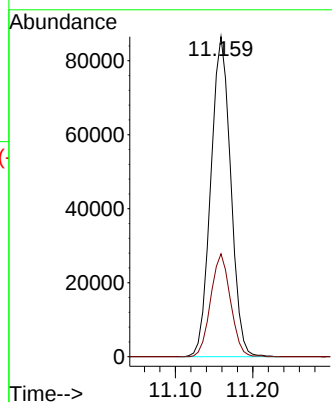
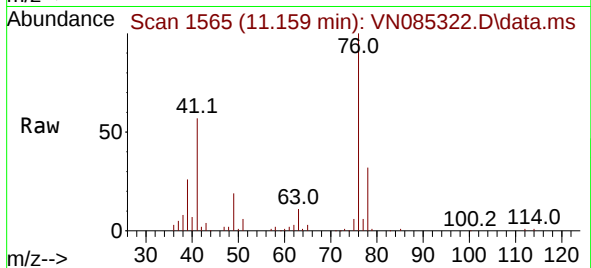
VSTDICCC050

Tgt Ion: 76 Resp: 154391

Ion Ratio Lower Upper

76 100

78 31.9 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 276.695 ug/l

RT: 10.153 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VN085322.D

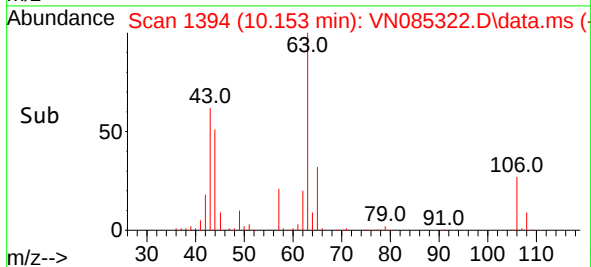
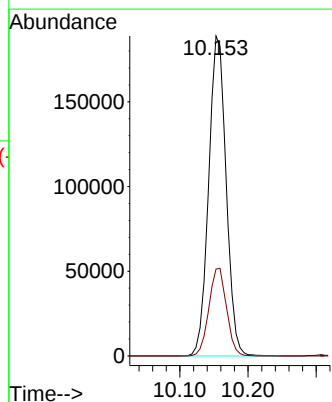
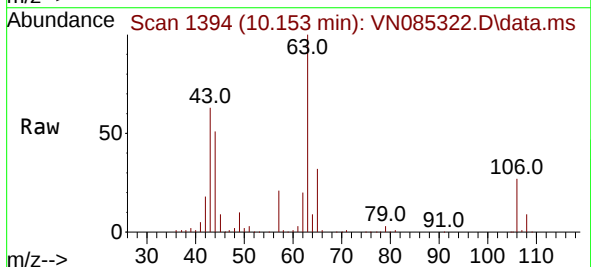
Acq: 27 Dec 2024 10:50

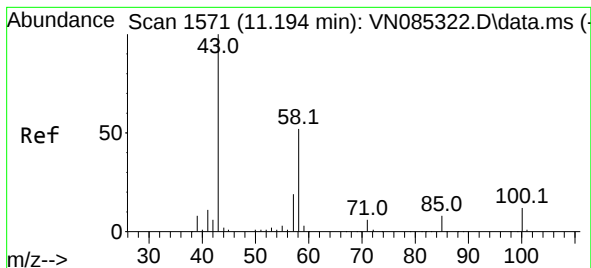
Tgt Ion: 63 Resp: 336991

Ion Ratio Lower Upper

63 100

106 27.6 22.1 33.1





#59

2-Hexanone

Concen: 263.862 ug/l

RT: 11.194 min Scan# 1571

Delta R.T. 0.000 min

Lab File: VN085322.D

Acq: 27 Dec 2024 10:50

Instrument :

MSVOA_N

ClientSampleId :

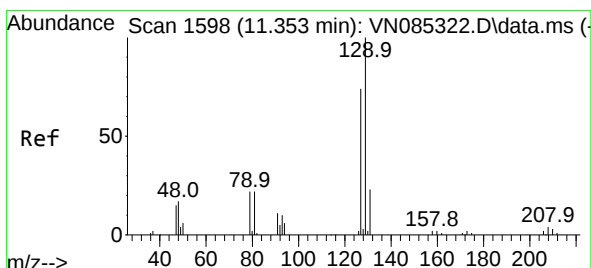
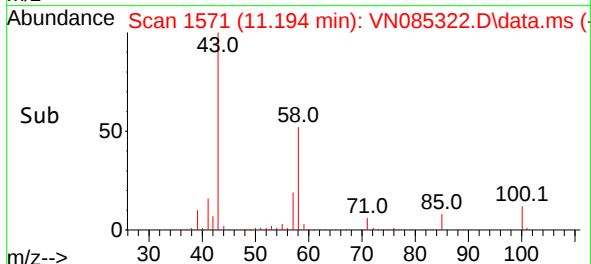
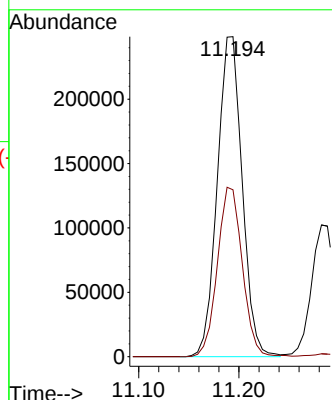
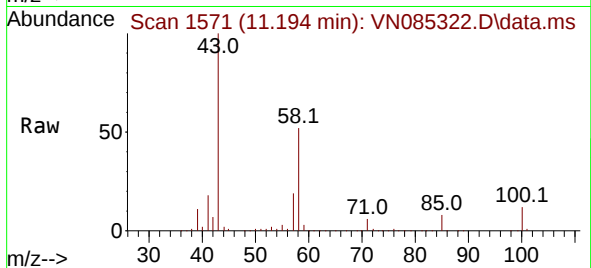
VSTDICCC050

Tgt Ion: 43 Resp: 428174

Ion Ratio Lower Upper

43 100

58 53.0 26.5 79.5



#60

Dibromochloromethane

Concen: 52.999 ug/l

RT: 11.353 min Scan# 1598

Delta R.T. 0.000 min

Lab File: VN085322.D

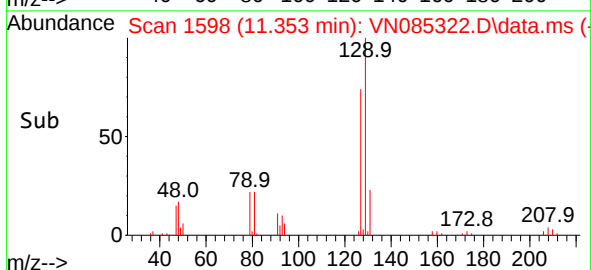
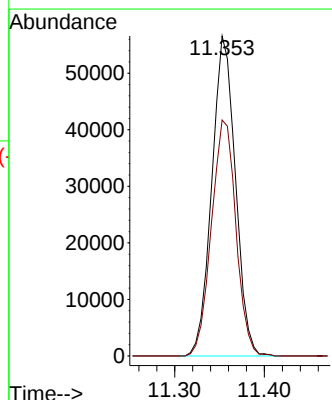
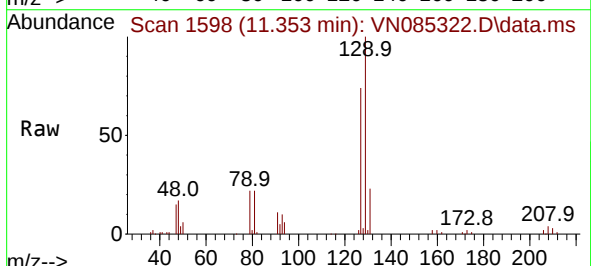
Acq: 27 Dec 2024 10:50

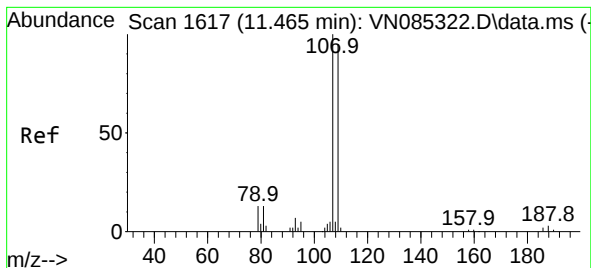
Tgt Ion:129 Resp: 103179

Ion Ratio Lower Upper

129 100

127 76.6 38.3 114.9





#61

1,2-Dibromoethane

Concen: 50.969 ug/l

RT: 11.465 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN085322.D

Acq: 27 Dec 2024 10:50

Instrument :

MSVOA_N

ClientSampleId :

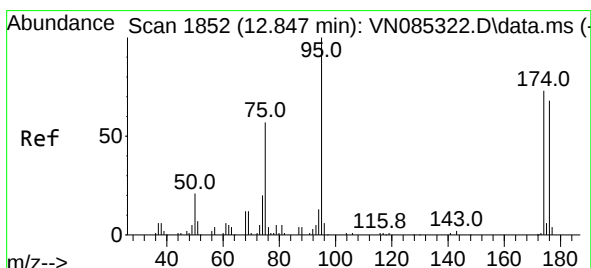
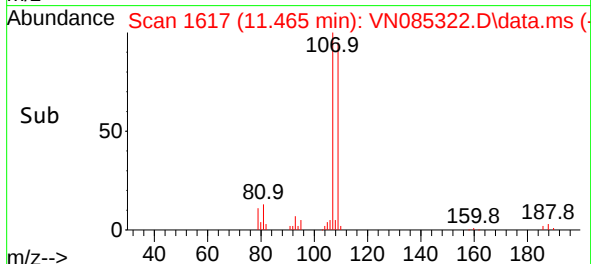
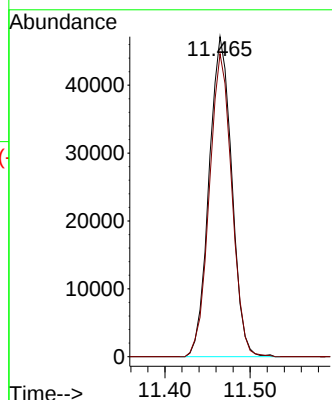
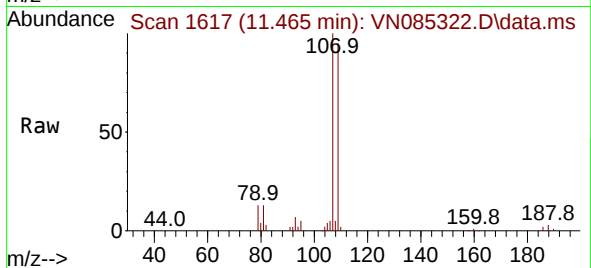
VSTDICCC050

Tgt Ion:107 Resp: 87157

Ion Ratio Lower Upper

107 100

109 93.6 74.9 112.3



#62

4-Bromofluorobenzene

Concen: 52.700 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN085322.D

Acq: 27 Dec 2024 10:50

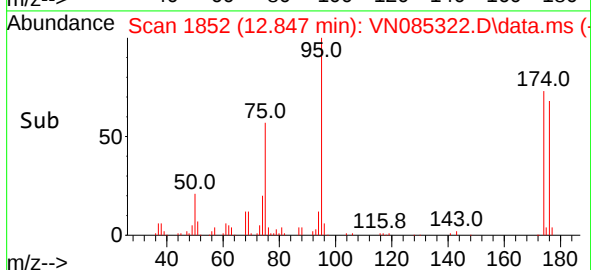
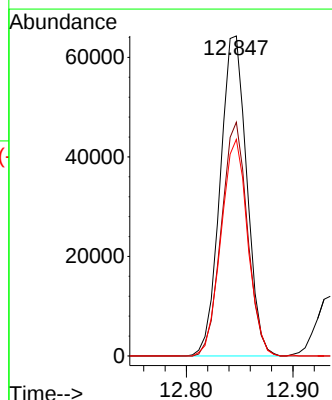
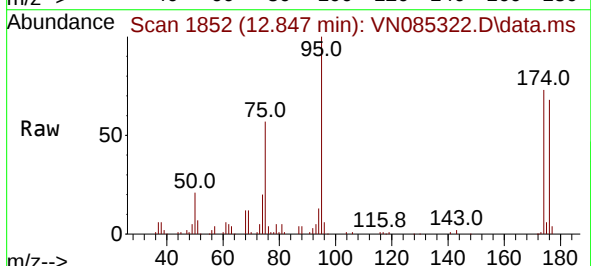
Tgt Ion: 95 Resp: 111548

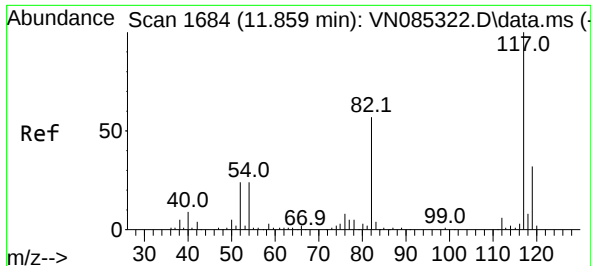
Ion Ratio Lower Upper

95 100

174 71.6 0.0 143.2

176 67.9 0.0 135.8

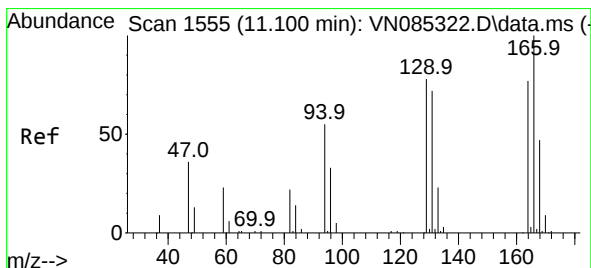
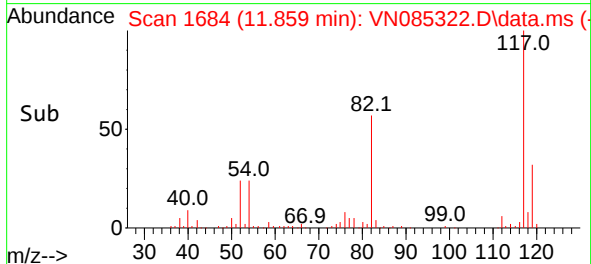
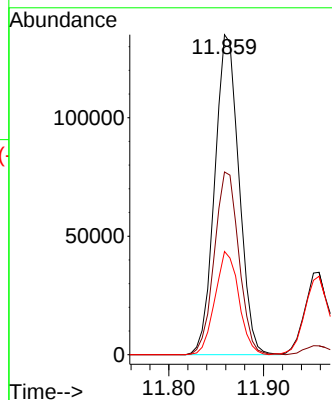
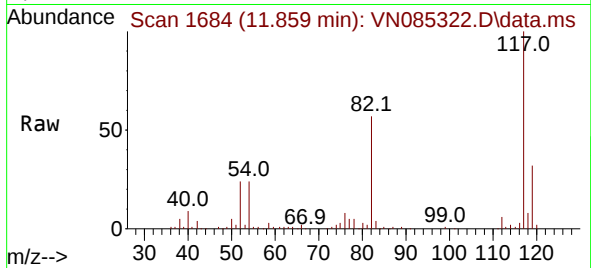




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.859 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN085322.D
Acq: 27 Dec 2024 10:50

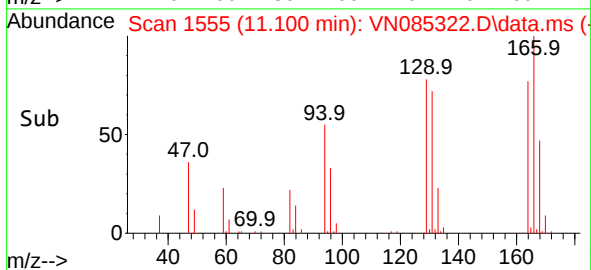
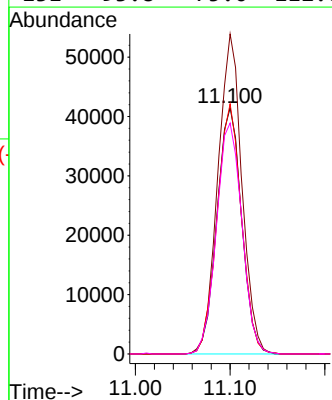
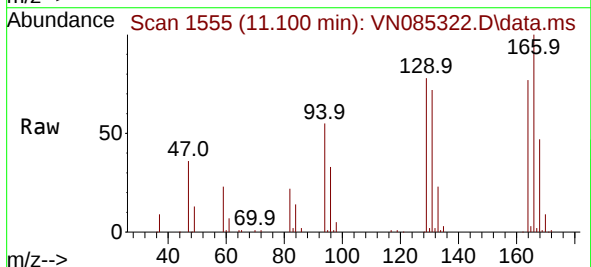
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

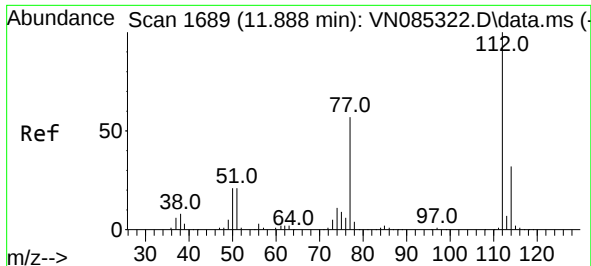
Tgt Ion:117 Resp: 240680
Ion Ratio Lower Upper
117 100
82 57.1 45.7 68.5
119 32.3 25.8 38.8



#64
Tetrachloroethene
Concen: 49.270 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN085322.D
Acq: 27 Dec 2024 10:50

Tgt Ion:164 Resp: 75140
Ion Ratio Lower Upper
164 100
166 130.0 104.0 156.0
129 101.6 81.3 121.9
131 93.8 75.0 112.6

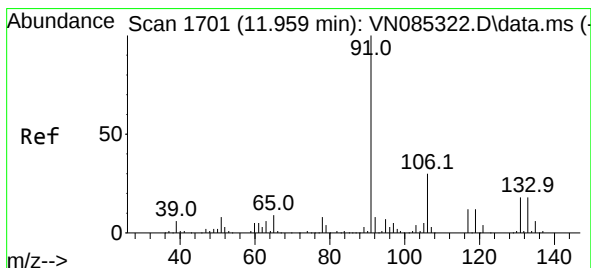
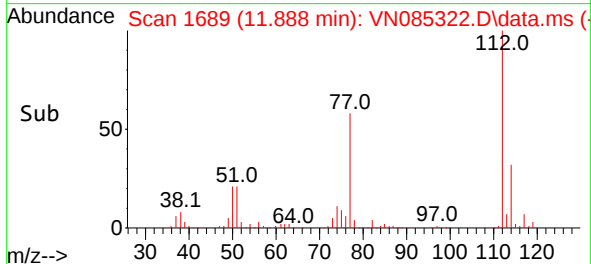
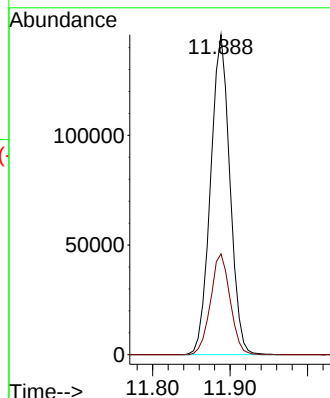
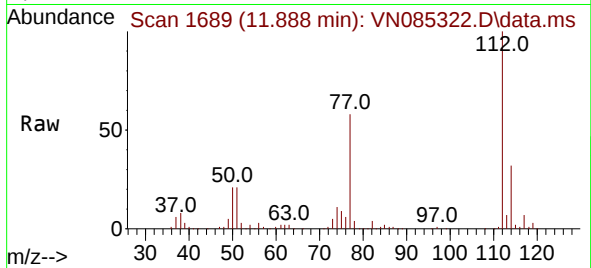




#65
Chlorobenzene
Concen: 48.550 ug/l
RT: 11.888 min Scan# 1118
Delta R.T. 0.000 min
Lab File: VN085322.D
Acq: 27 Dec 2024 10:50

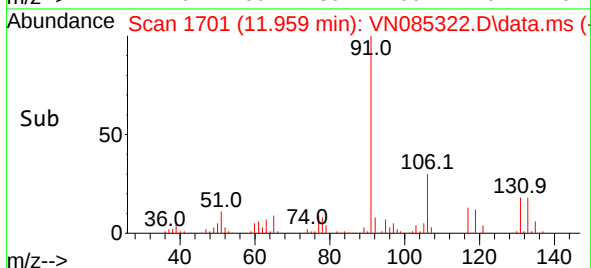
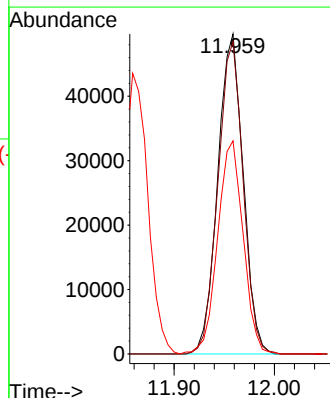
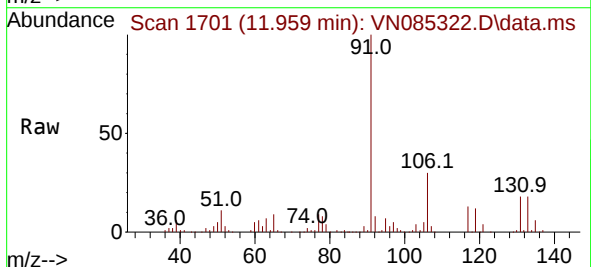
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

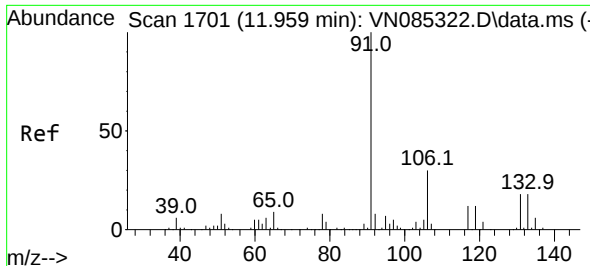
Tgt Ion:112 Resp: 252514
Ion Ratio Lower Upper
112 100
114 31.5 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 50.030 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN085322.D
Acq: 27 Dec 2024 10:50

Tgt Ion:131 Resp: 87333
Ion Ratio Lower Upper
131 100
133 96.6 48.3 144.9
119 66.7 33.4 100.1

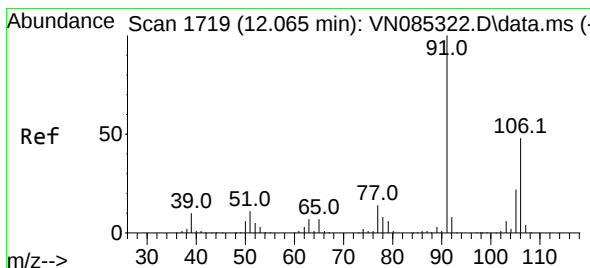
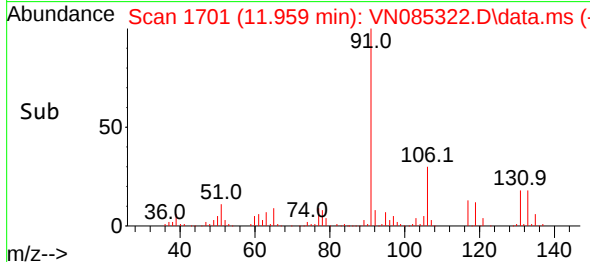
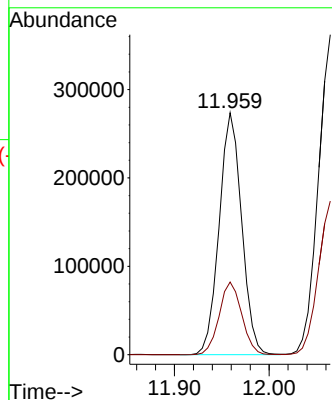
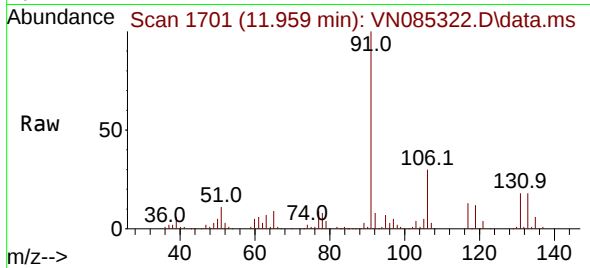




#67
Ethyl Benzene
Concen: 52.228 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN085322.D
Acq: 27 Dec 2024 10:50

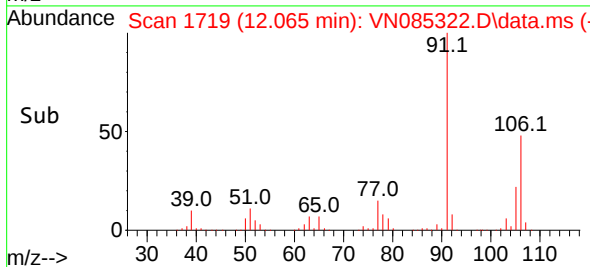
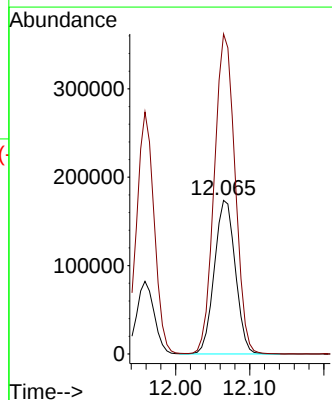
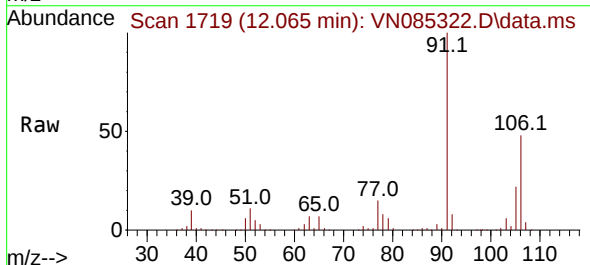
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

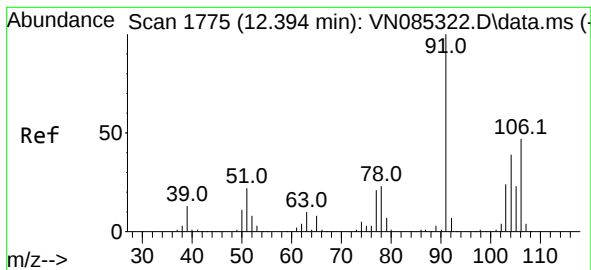
Tgt Ion: 91 Resp: 451752
Ion Ratio Lower Upper
91 100
106 30.0 24.0 36.0



#68
m/p-Xylenes
Concen: 107.860 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. 0.000 min
Lab File: VN085322.D
Acq: 27 Dec 2024 10:50

Tgt Ion:106 Resp: 341420
Ion Ratio Lower Upper
106 100
91 206.5 165.2 247.8





#69

o-Xylene

Concen: 54.121 ug/l

RT: 12.394 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VN085322.D

Acq: 27 Dec 2024 10:50

Instrument :

MSVOA_N

ClientSampleId :

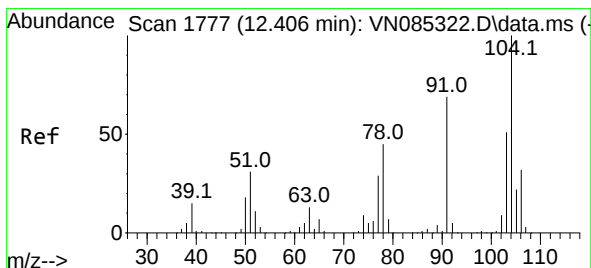
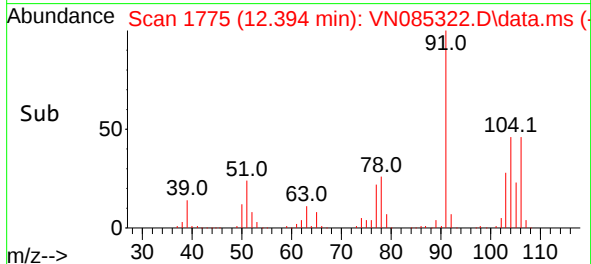
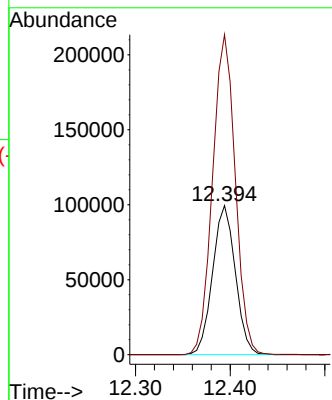
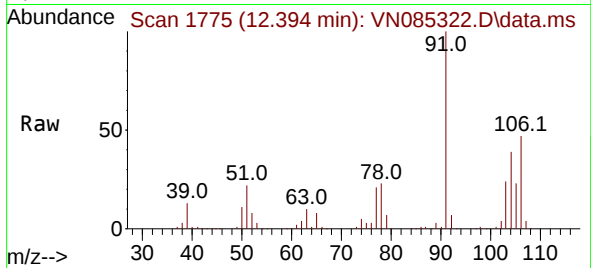
VSTDICCC050

Tgt Ion:106 Resp: 165724

Ion Ratio Lower Upper

106 100

91 214.5 107.3 321.8



#70

Styrene

Concen: 55.616 ug/l

RT: 12.406 min Scan# 1777

Delta R.T. 0.000 min

Lab File: VN085322.D

Acq: 27 Dec 2024 10:50

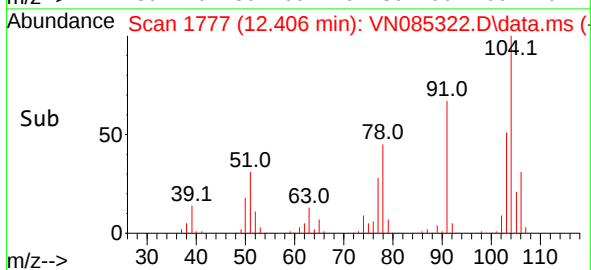
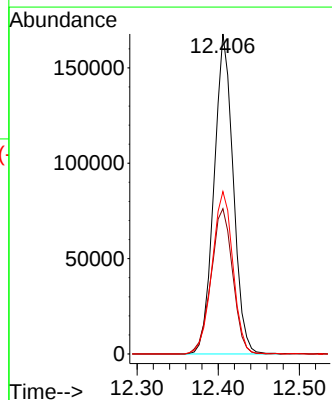
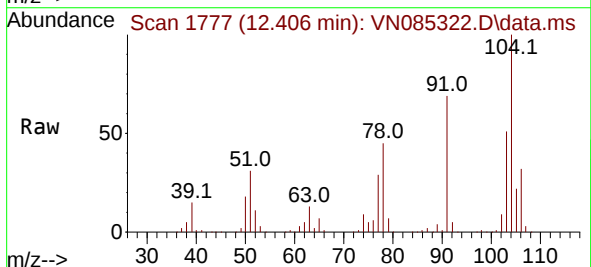
Tgt Ion:104 Resp: 276012

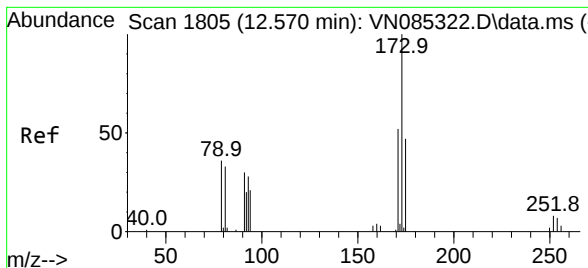
Ion Ratio Lower Upper

104 100

78 50.9 40.7 61.1

103 55.1 44.1 66.1





#71

Bromoform

Concen: 52.330 ug/l

RT: 12.570 min Scan# 1805

Delta R.T. 0.000 min

Lab File: VN085322.D

Acq: 27 Dec 2024 10:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

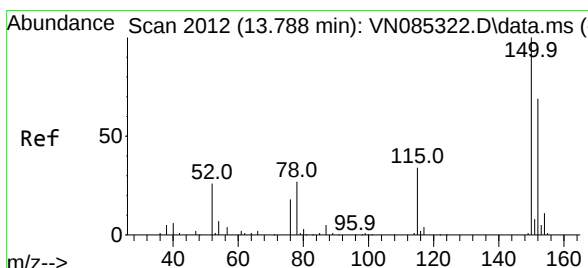
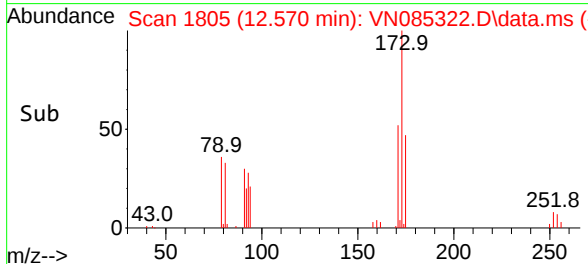
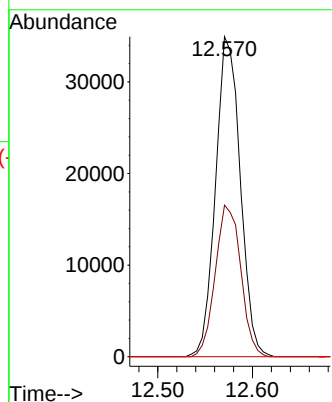
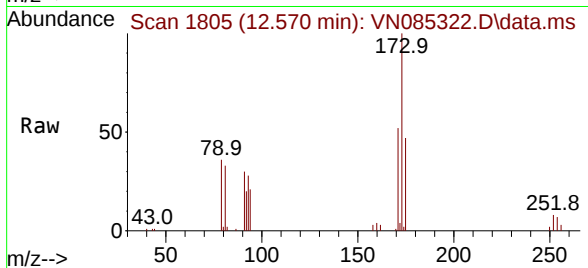
Tgt Ion:173 Resp: 63268

Ion Ratio Lower Upper

173 100

175 48.9 24.4 73.4

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN085322.D

Acq: 27 Dec 2024 10:50

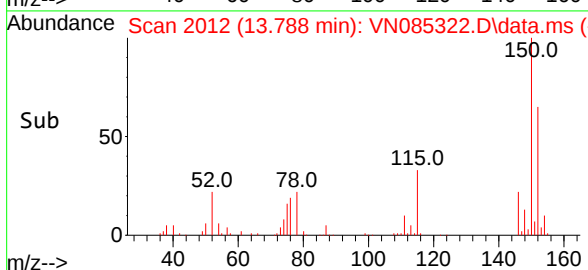
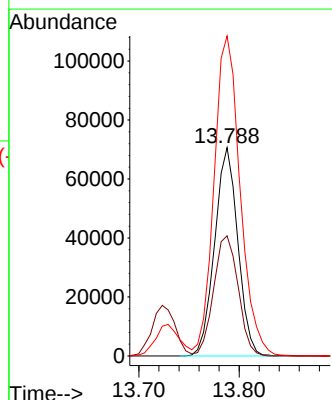
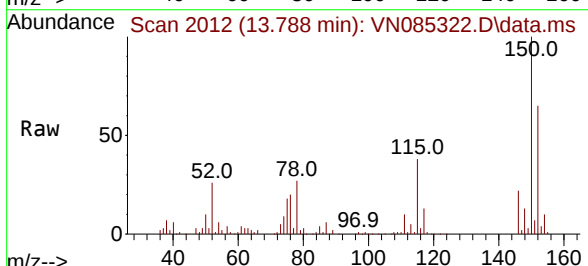
Tgt Ion:152 Resp: 113462

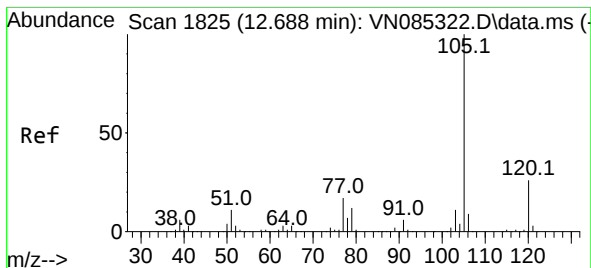
Ion Ratio Lower Upper

152 100

115 60.9 30.4 91.3

150 172.5 0.0 345.0





#73

Isopropylbenzene

Concen: 51.888 ug/l

RT: 12.688 min Scan# 1825

Delta R.T. 0.000 min

Lab File: VN085322.D

Acq: 27 Dec 2024 10:50

Instrument :

MSVOA_N

ClientSampleId :

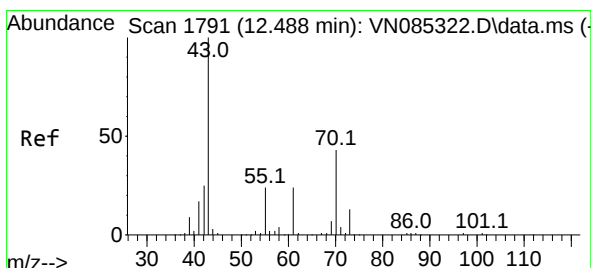
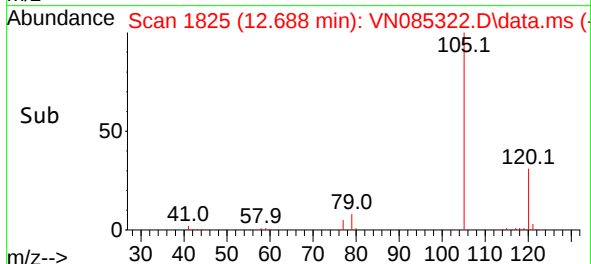
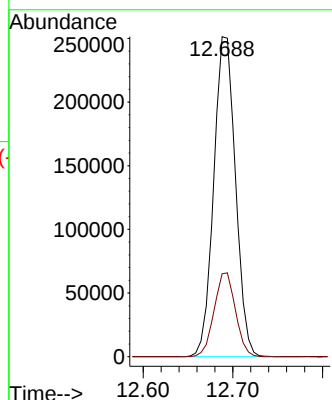
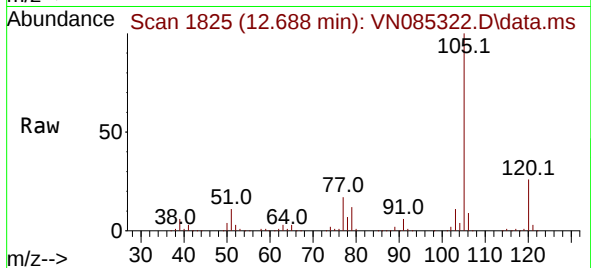
VSTDICCC050

Tgt Ion:105 Resp: 423362

Ion Ratio Lower Upper

105 100

120 25.7 12.9 38.6



#74

N-ethyl acetate

Concen: 52.669 ug/l

RT: 12.488 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VN085322.D

Acq: 27 Dec 2024 10:50

Tgt Ion: 43 Resp: 183943

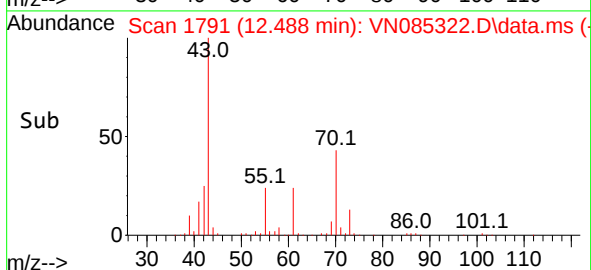
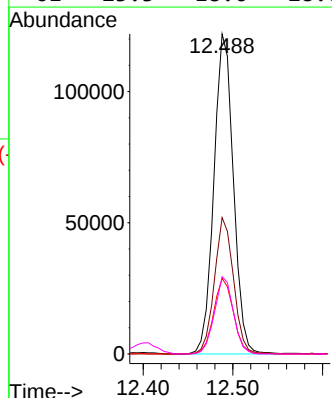
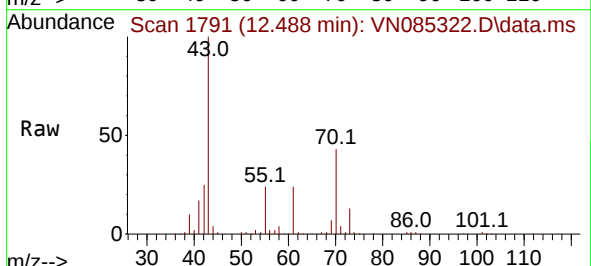
Ion Ratio Lower Upper

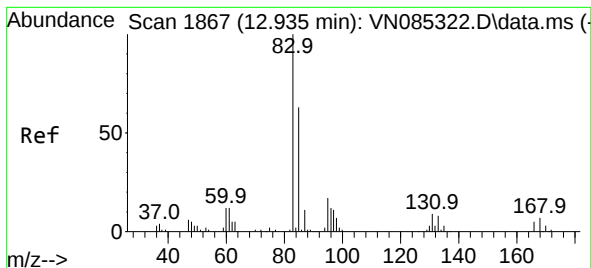
43 100

70 41.7 33.4 50.0

55 24.0 19.2 28.8

61 23.3 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 46.441 ug/l

RT: 12.935 min Scan# 1867

Delta R.T. 0.000 min

Lab File: VN085322.D

Acq: 27 Dec 2024 10:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

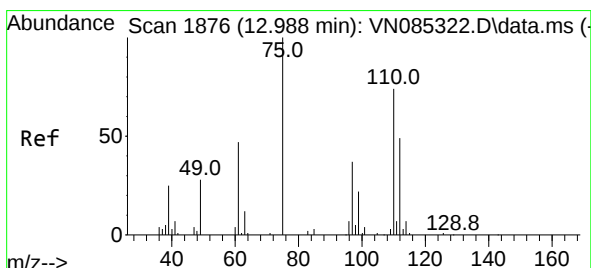
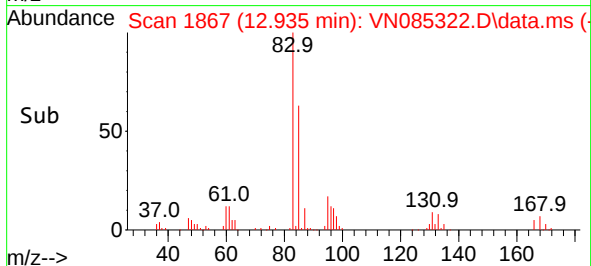
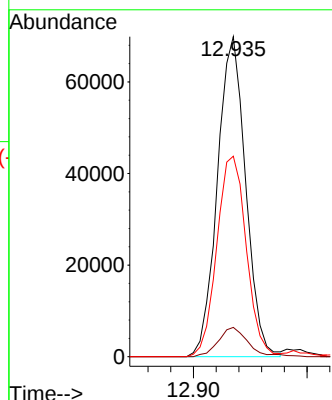
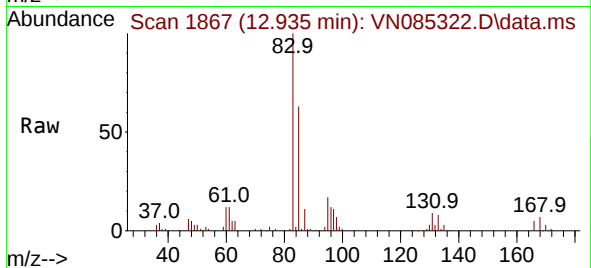
Tgt Ion: 83 Resp: 120681

Ion Ratio Lower Upper

83 100

131 9.6 4.8 14.4

85 65.3 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 49.460 ug/l

RT: 12.988 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VN085322.D

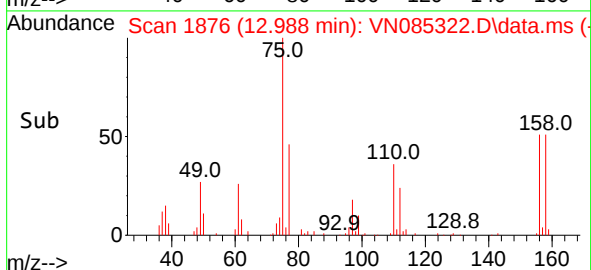
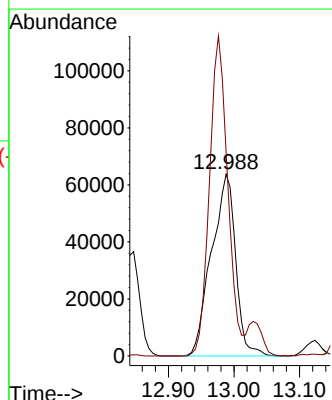
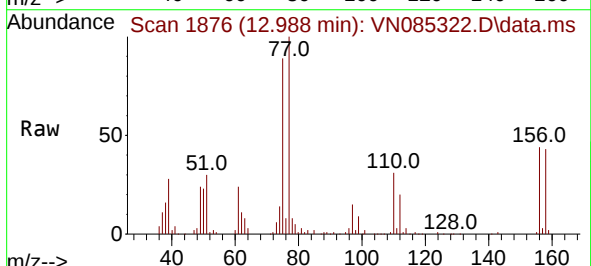
Acq: 27 Dec 2024 10:50

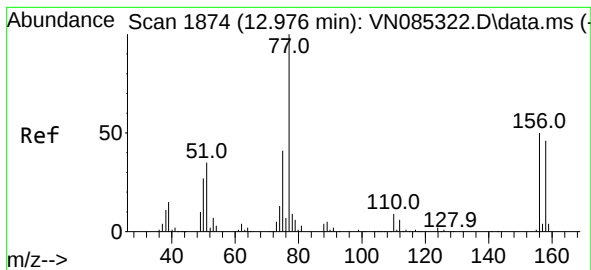
Tgt Ion: 75 Resp: 163046

Ion Ratio Lower Upper

75 100

77 133.0 98.1 294.3





#77

Bromobenzene

Concen: 47.058 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. 0.000 min

Lab File: VN085322.D

Acq: 27 Dec 2024 10:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

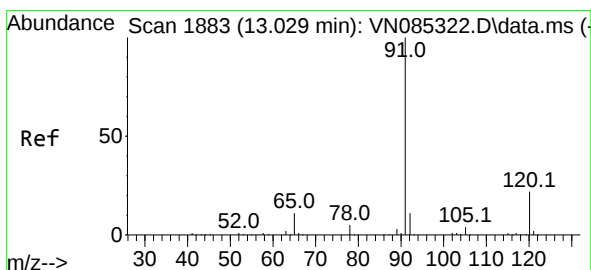
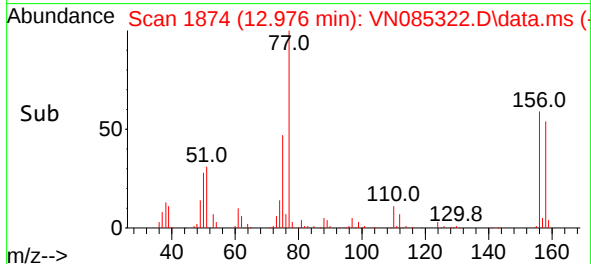
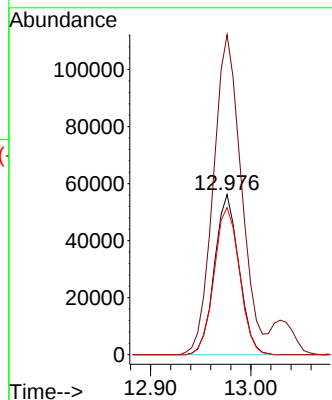
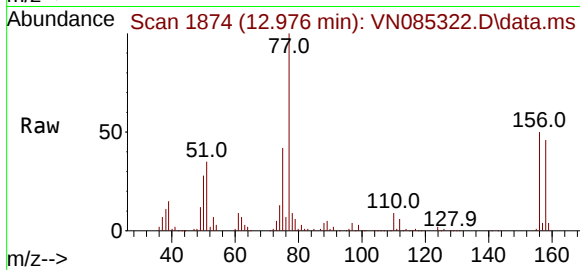
Tgt Ion:156 Resp: 95126

Ion Ratio Lower Upper

156 100

77 228.0 114.0 342.0

158 95.2 47.6 142.8



#78

n-propylbenzene

Concen: 52.403 ug/l

RT: 13.029 min Scan# 1883

Delta R.T. 0.000 min

Lab File: VN085322.D

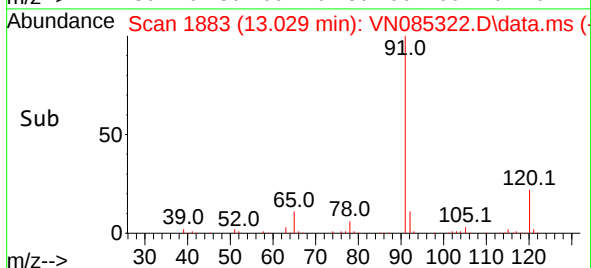
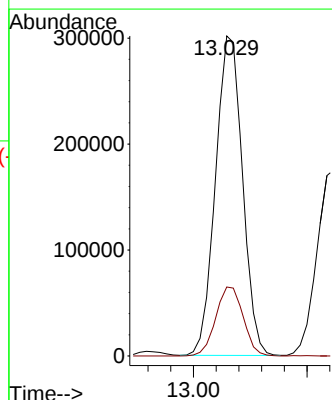
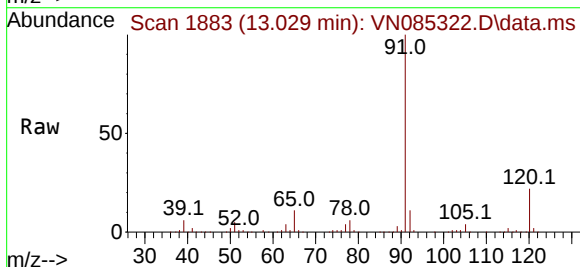
Acq: 27 Dec 2024 10:50

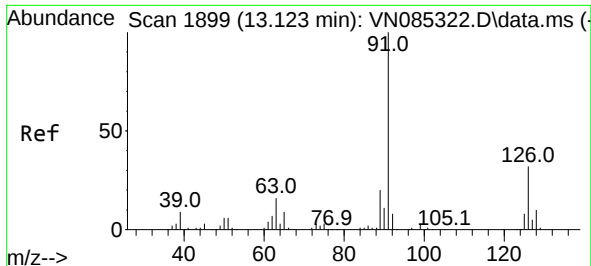
Tgt Ion: 91 Resp: 498392

Ion Ratio Lower Upper

91 100

120 21.9 10.9 32.9





#79

2-Chlorotoluene

Concen: 49.970 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VN085322.D

Acq: 27 Dec 2024 10:50

Instrument :

MSVOA_N

ClientSampleId :

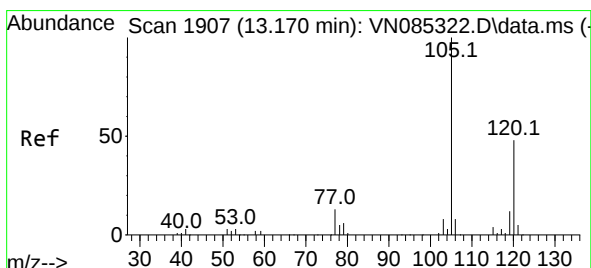
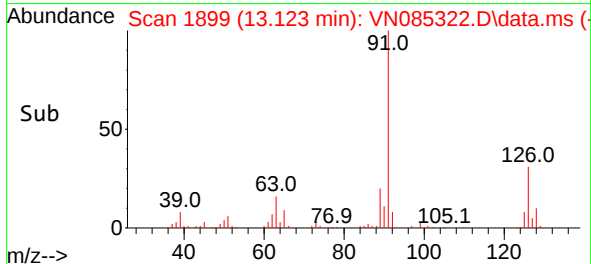
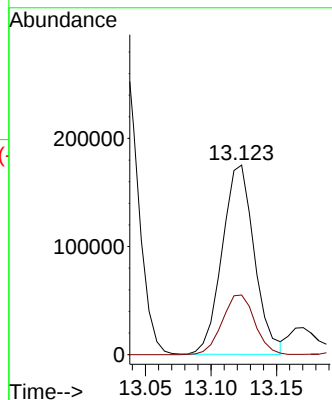
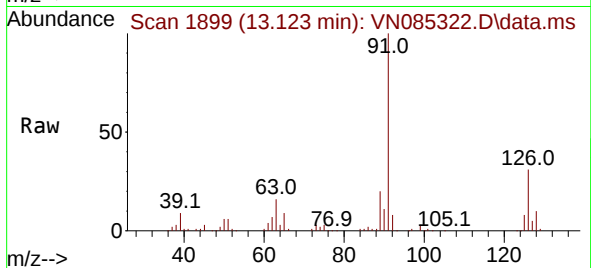
VSTDICCC050

Tgt Ion: 91 Resp: 299107

Ion Ratio Lower Upper

91 100

126 32.0 16.0 48.0



#80

1,3,5-Trimethylbenzene

Concen: 52.709 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VN085322.D

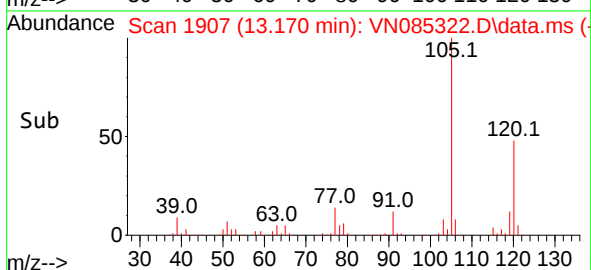
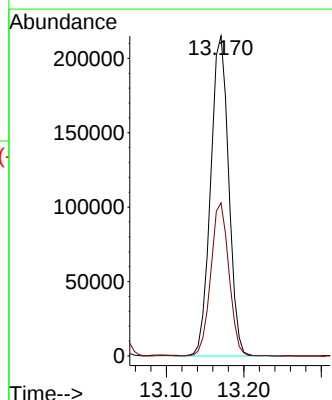
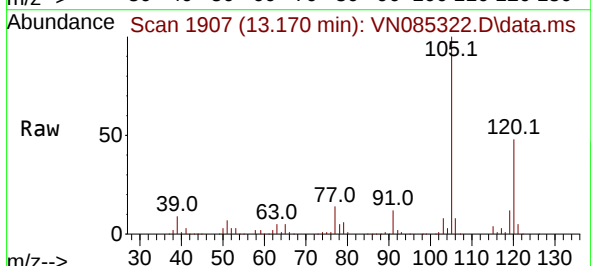
Acq: 27 Dec 2024 10:50

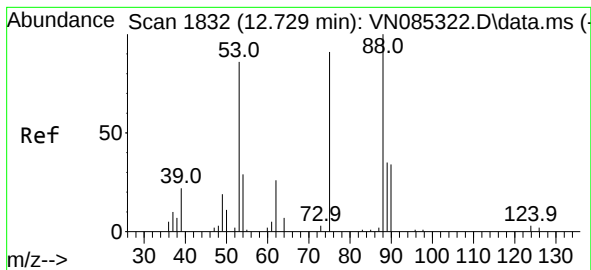
Tgt Ion: 105 Resp: 347857

Ion Ratio Lower Upper

105 100

120 48.0 24.0 72.0

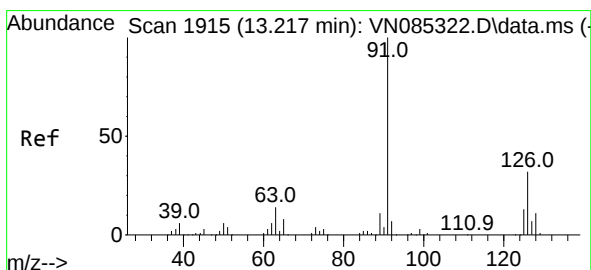
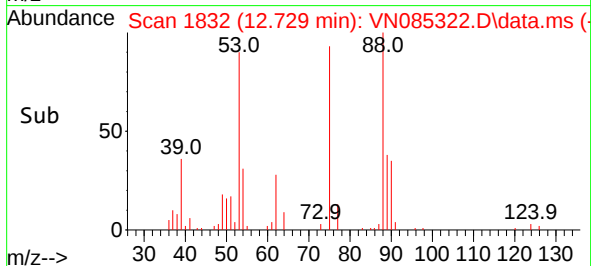
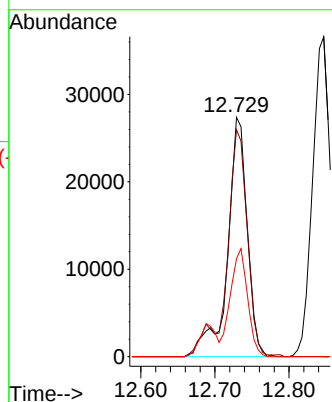
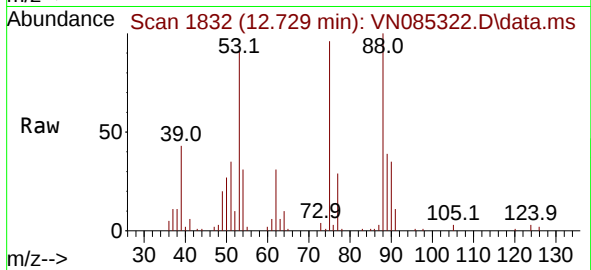




#81
trans-1,4-Dichloro-2-butene
Concen: 56.215 ug/l
RT: 12.729 min Scan# 1832
Delta R.T. 0.000 min
Lab File: VN085322.D
Acq: 27 Dec 2024 10:50

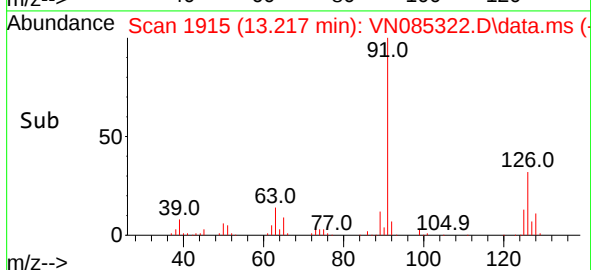
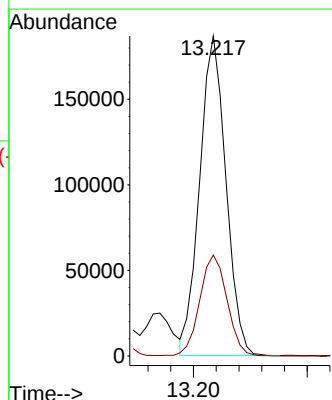
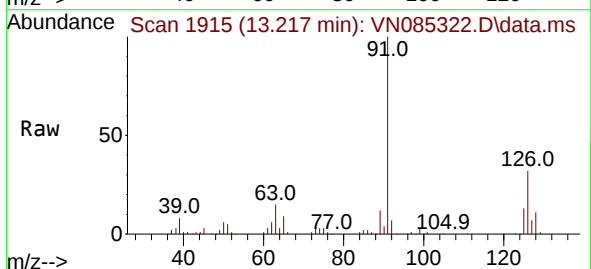
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

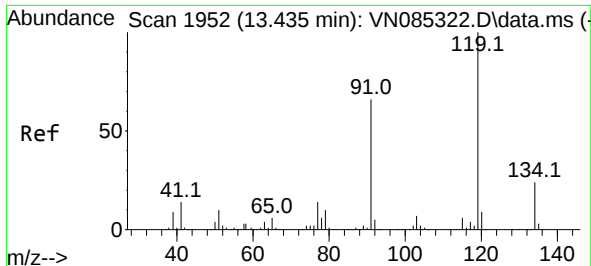
Tgt Ion: 75 Resp: 50627
Ion Ratio Lower Upper
75 100
53 88.3 80.0 120.0
89 39.5 35.8 53.8



#82
4-Chlorotoluene
Concen: 49.717 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN085322.D
Acq: 27 Dec 2024 10:50

Tgt Ion: 91 Resp: 299712
Ion Ratio Lower Upper
91 100
126 32.9 16.4 49.4

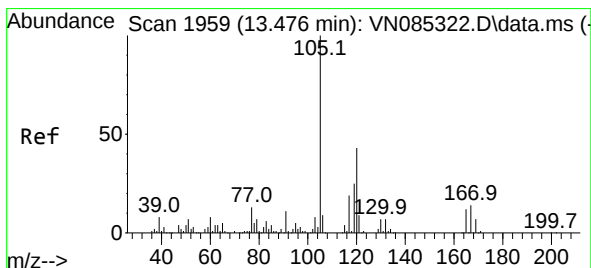
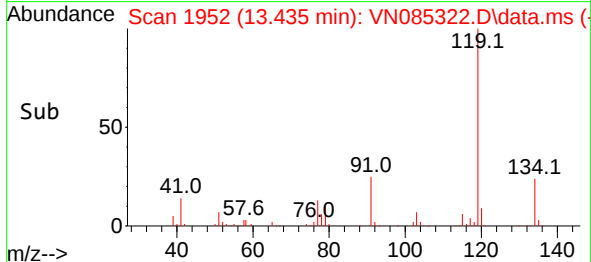
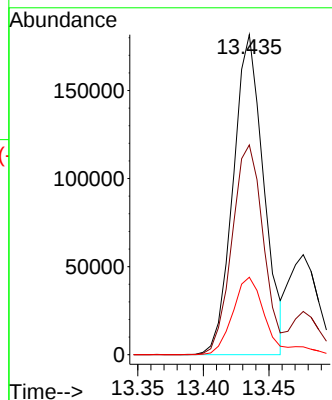
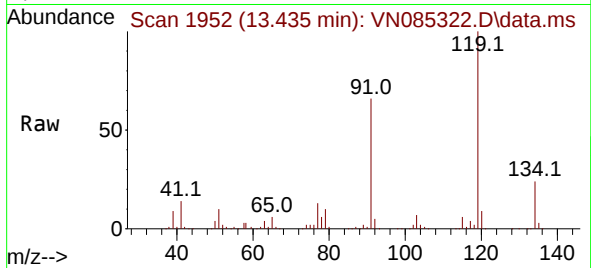




#83
tert-Butylbenzene
Concen: 51.541 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN085322.D
Acq: 27 Dec 2024 10:50

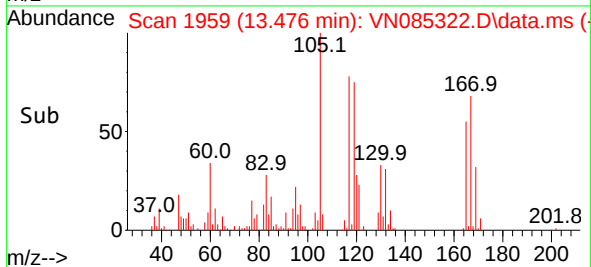
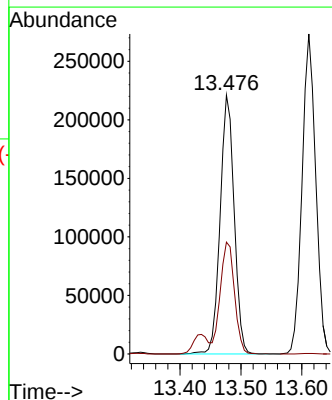
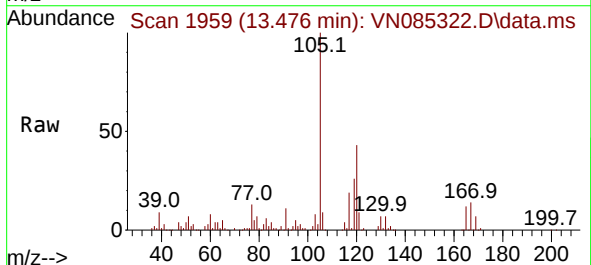
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

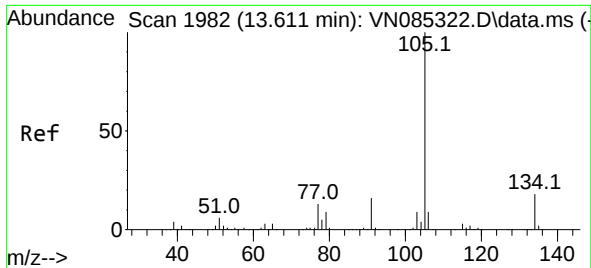
Tgt Ion:119 Resp: 294653
Ion Ratio Lower Upper
119 100
91 67.2 33.6 100.8
134 26.5 13.3 39.8



#84
1,2,4-Trimethylbenzene
Concen: 53.875 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VN085322.D
Acq: 27 Dec 2024 10:50

Tgt Ion:105 Resp: 354037
Ion Ratio Lower Upper
105 100
120 43.4 21.7 65.1

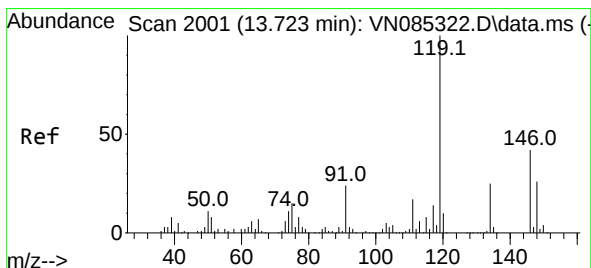
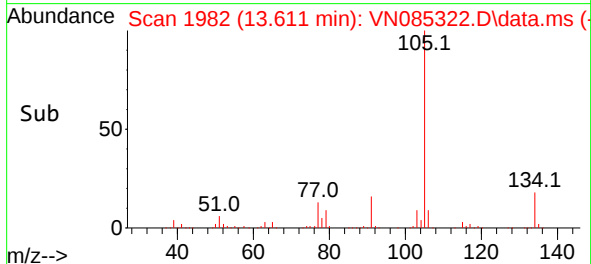
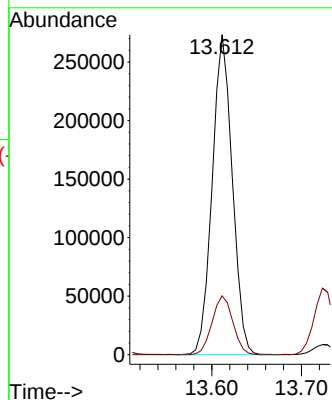
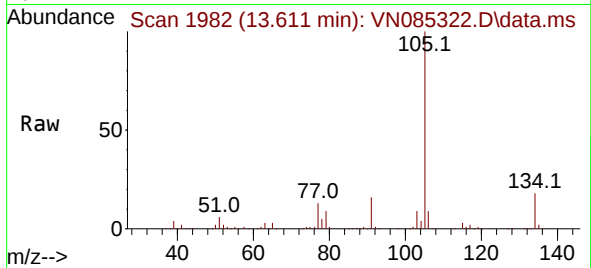




#85
 sec-Butylbenzene
 Concen: 53.476 ug/l
 RT: 13.611 min Scan# 1982
 Delta R.T. 0.000 min
 Lab File: VN085322.D
 Acq: 27 Dec 2024 10:50

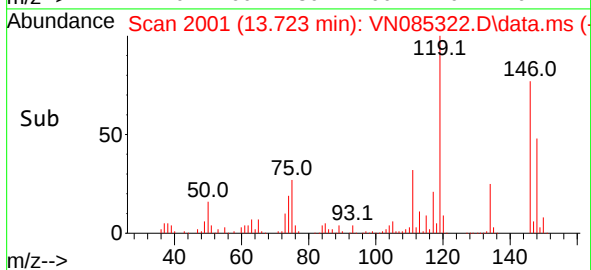
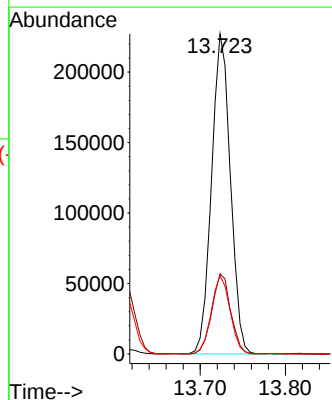
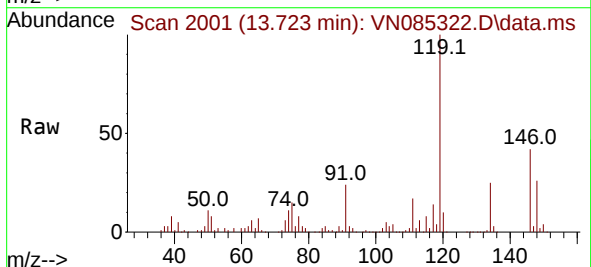
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

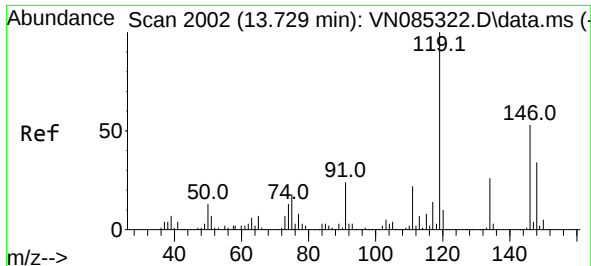
Tgt Ion:105 Resp: 424353
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.4 28.3



#86
 p-Isopropyltoluene
 Concen: 54.703 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. 0.000 min
 Lab File: VN085322.D
 Acq: 27 Dec 2024 10:50

Tgt Ion:119 Resp: 349527
 Ion Ratio Lower Upper
 119 100
 134 25.0 12.5 37.5
 91 24.3 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 48.928 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN085322.D

Acq: 27 Dec 2024 10:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

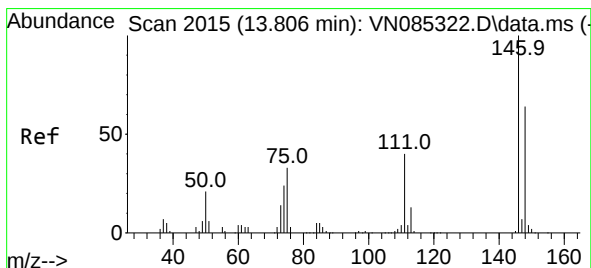
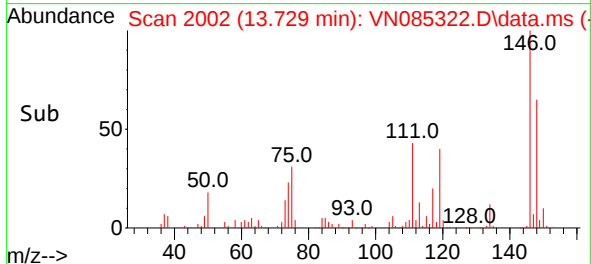
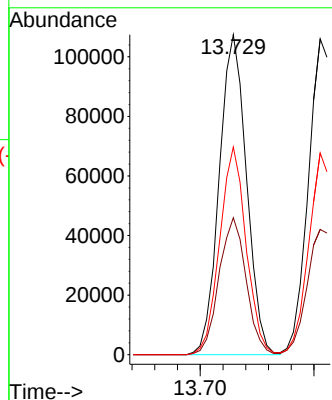
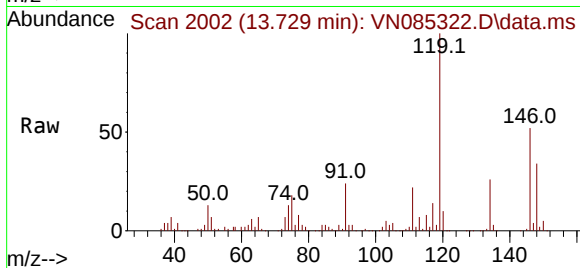
Tgt Ion:146 Resp: 179301

Ion Ratio Lower Upper

146 100

111 42.6 21.3 63.9

148 63.0 31.5 94.5



#88

1,4-Dichlorobenzene

Concen: 47.250 ug/l

RT: 13.806 min Scan# 2015

Delta R.T. 0.000 min

Lab File: VN085322.D

Acq: 27 Dec 2024 10:50

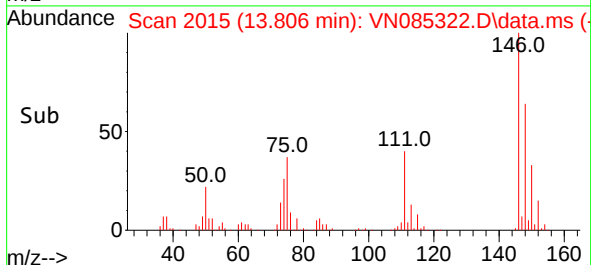
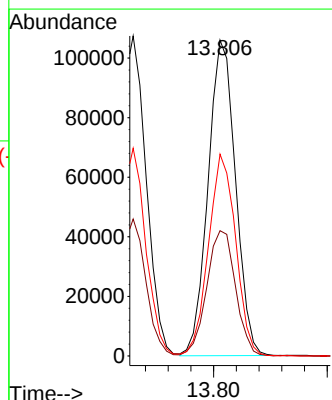
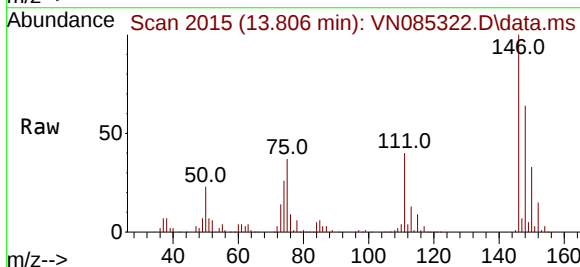
Tgt Ion:146 Resp: 177873

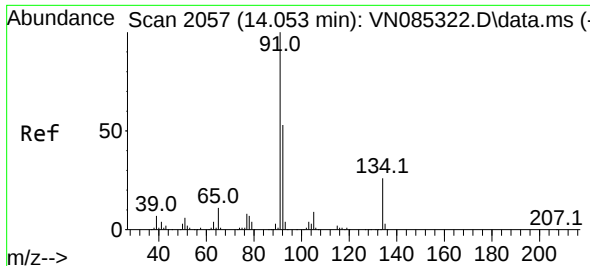
Ion Ratio Lower Upper

146 100

111 41.7 20.8 62.5

148 63.4 31.7 95.1

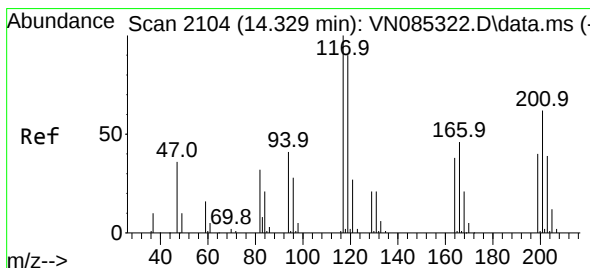
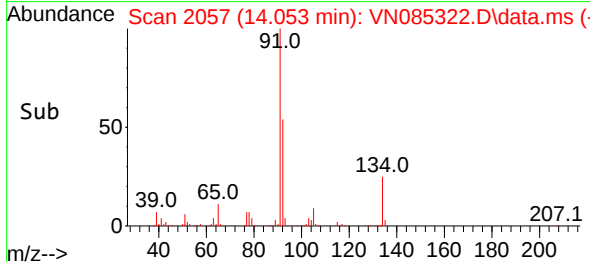
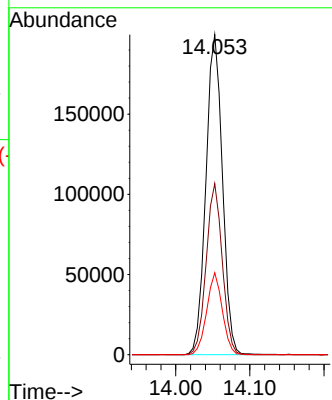
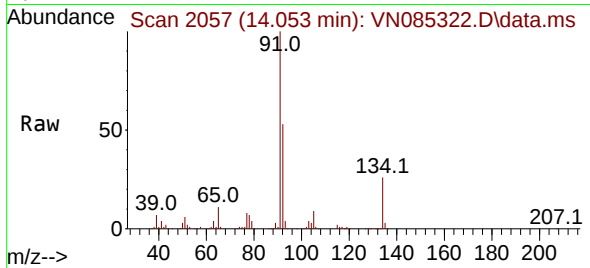




#89
n-Butylbenzene
Concen: 53.178 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN085322.D
Acq: 27 Dec 2024 10:50

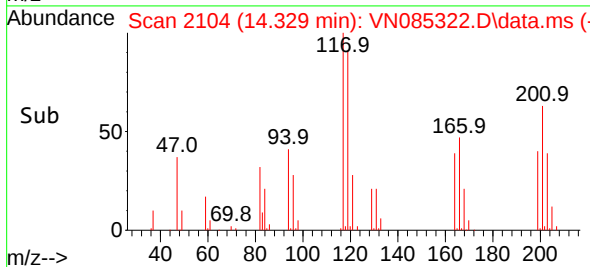
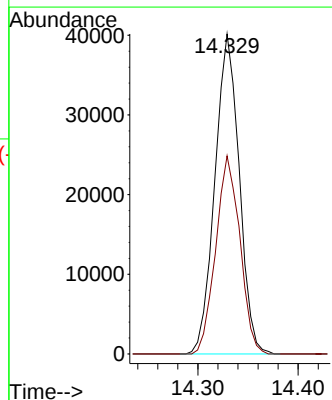
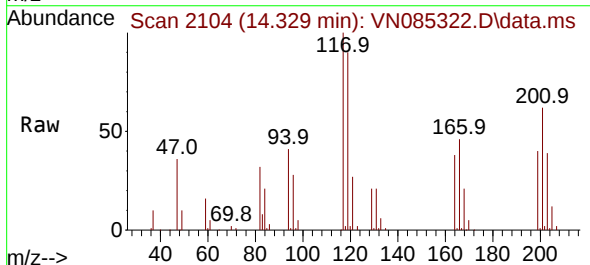
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

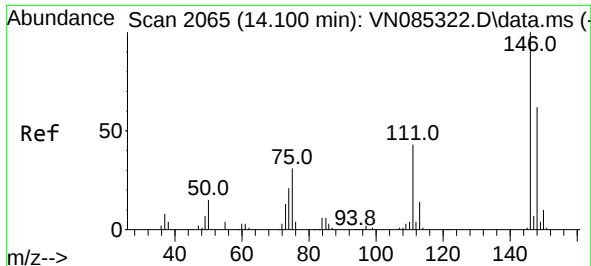
Tgt Ion: 91 Resp: 309010
Ion Ratio Lower Upper
91 100
92 52.0 26.0 78.0
134 24.2 12.1 36.3



#90
Hexachloroethane
Concen: 51.976 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN085322.D
Acq: 27 Dec 2024 10:50

Tgt Ion: 117 Resp: 67607
Ion Ratio Lower Upper
117 100
201 61.4 30.7 92.1





#91

1,2-Dichlorobenzene

Concen: 49.173 ug/l

RT: 14.100 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VN085322.D

Acq: 27 Dec 2024 10:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

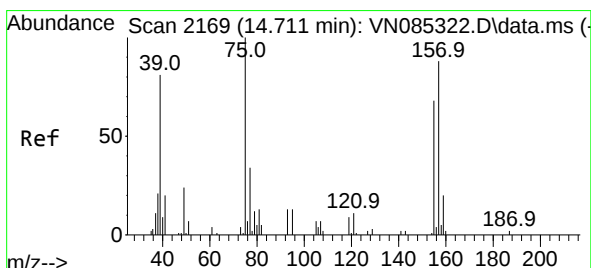
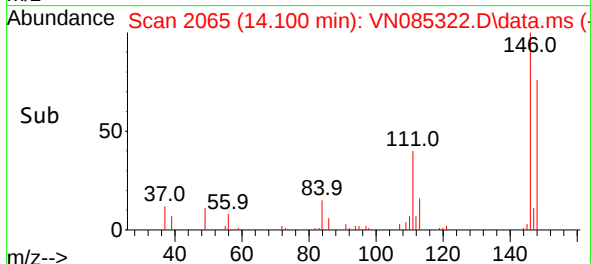
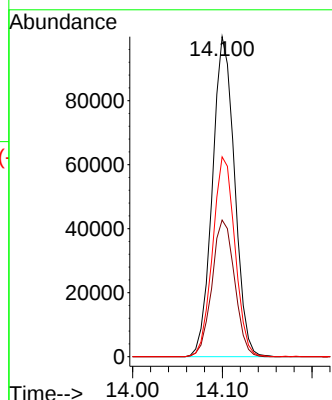
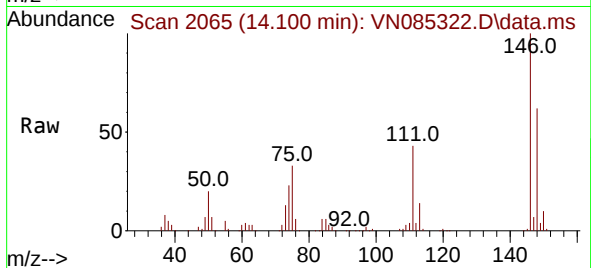
Tgt Ion:146 Resp: 171657

Ion Ratio Lower Upper

146 100

111 43.5 21.8 65.3

148 62.8 31.4 94.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.627 ug/l

RT: 14.711 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VN085322.D

Acq: 27 Dec 2024 10:50

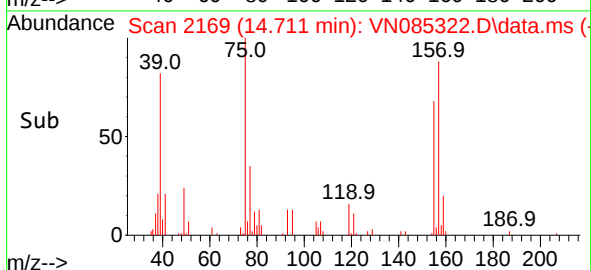
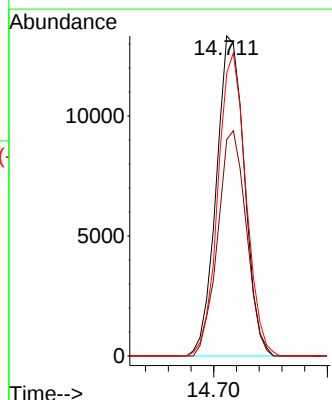
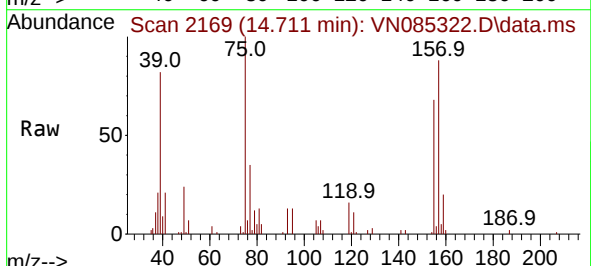
Tgt Ion: 75 Resp: 22952

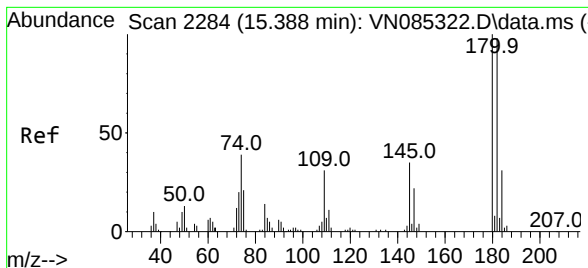
Ion Ratio Lower Upper

75 100

155 71.3 35.6 106.9

157 94.0 47.0 141.0





#93

1,2,4-Trichlorobenzene

Concen: 49.570 ug/l

RT: 15.388 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN085322.D

Acq: 27 Dec 2024 10:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

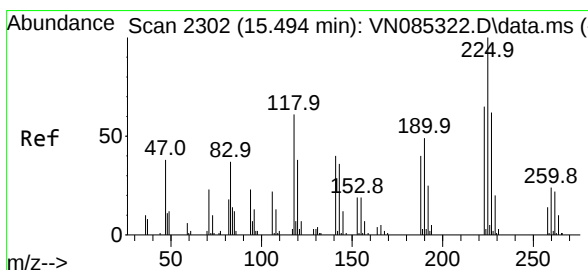
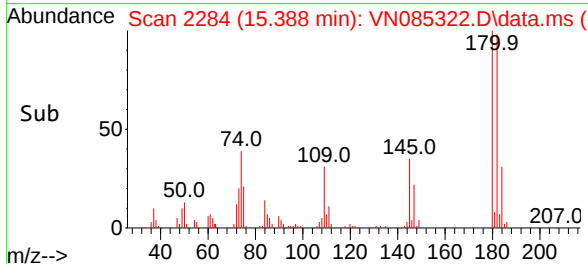
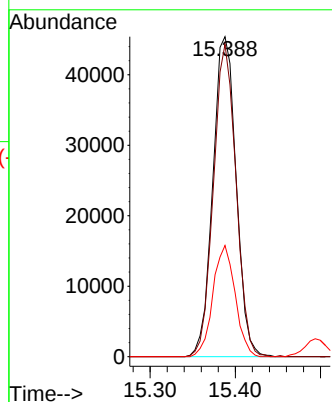
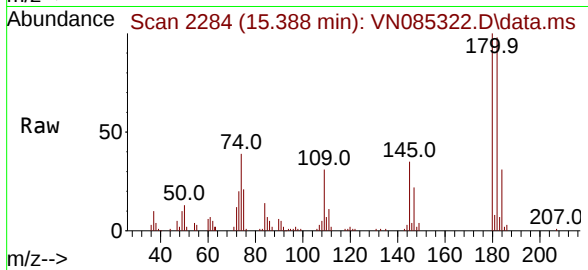
Tgt Ion:180 Resp: 86363

Ion Ratio Lower Upper

180 100

182 94.4 47.2 141.6

145 33.2 16.6 49.8



#94

Hexachlorobutadiene

Concen: 44.509 ug/l

RT: 15.494 min Scan# 2302

Delta R.T. 0.000 min

Lab File: VN085322.D

Acq: 27 Dec 2024 10:50

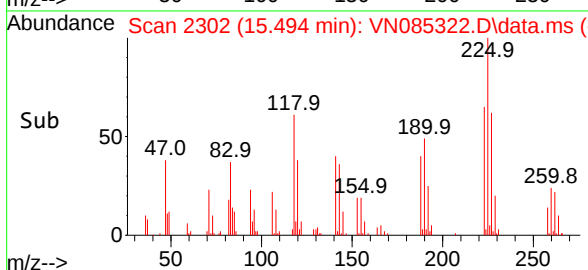
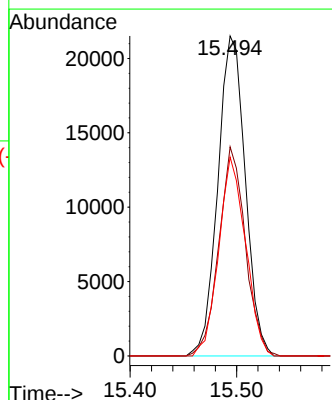
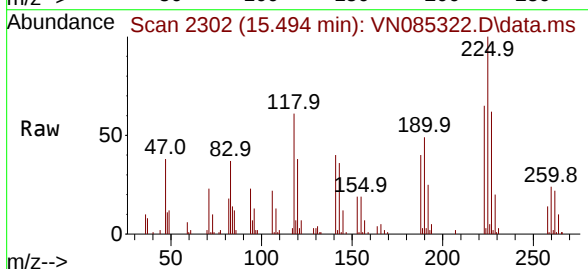
Tgt Ion:225 Resp: 38529

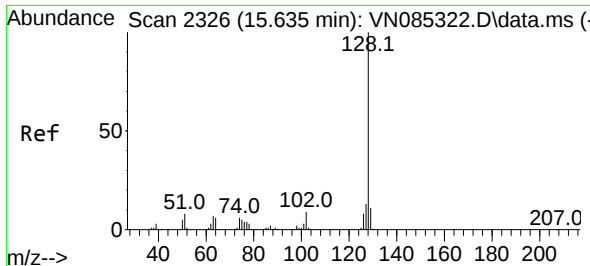
Ion Ratio Lower Upper

225 100

223 63.1 31.6 94.7

227 60.7 30.3 91.0

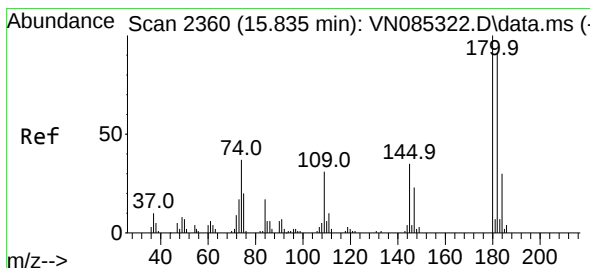
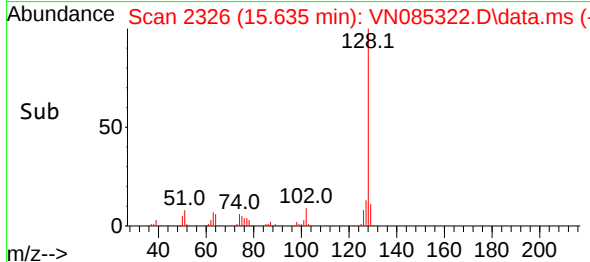
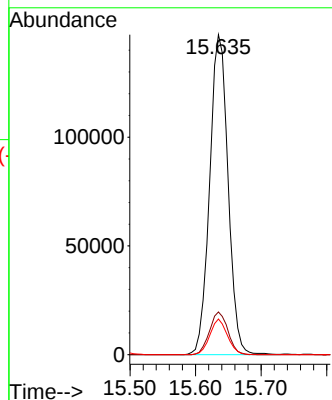
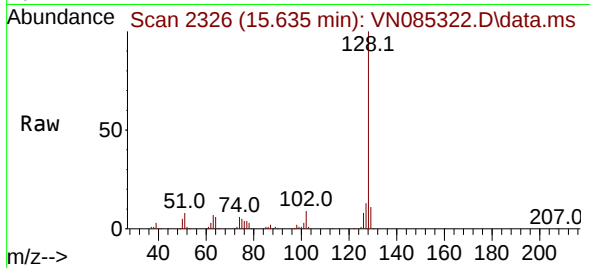




#95
Naphthalene
Concen: 48.560 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VN085322.D
Acq: 27 Dec 2024 10:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 286887
Ion Ratio Lower Upper
128 100
127 13.3 10.6 16.0
129 10.6 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 48.618 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN085322.D
Acq: 27 Dec 2024 10:50

Tgt Ion:180 Resp: 84633
Ion Ratio Lower Upper
180 100
182 93.6 46.8 140.4
145 34.4 17.2 51.6

