

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100424\
 Data File : VN084322.D
 Acq On : 04 Oct 2024 18:20
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 04 23:02:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 06 23:42:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	30830	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	165361	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	150724	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	75674	26.853	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	89.500%#
60) 4-Bromofluorobenzene	12.847	95	76834	29.578	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	98.600%
63) Toluene-d8	10.565	98	215391	30.862	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	102.867%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	32992	15.980	ug/l	98
3) Chloromethane	2.359	50	38852	18.111	ug/l	97
4) Vinyl Chloride	2.512	62	39067	17.715	ug/l	97
5) Bromomethane	2.954	94	23928	19.420	ug/l	90
6) Chloroethane	3.112	64	26162	17.716	ug/l	91
7) Trichlorofluoromethane	3.495	101	65220	17.640	ug/l	99
8) Diethyl Ether	3.959	74	22264	17.722	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.371	101	37889	19.078	ug/l	81
10) 1,1-Dichloroethene	4.348	96	34233	17.866	ug/l	96
11) Methyl Iodide	4.583	142	44637	17.150	ug/l	87
12) Methyl Acetate	5.018	43	28266	12.232	ug/l #	63
13) Acrolein	4.177	56	31917	94.639	ug/l	98
14) Acrylonitrile	5.718	53	91175	97.495	ug/l	98
15) Acetone	4.430	58	28575	92.113	ug/l	85
16) Carbon Disulfide	4.712	76	90723	16.753	ug/l	100
17) Allyl chloride	5.024	41	55721	16.583	ug/l	88
18) Methylene Chloride	5.271	84	39999	19.080	ug/l #	89
19) trans-1,2-Dichloroethene	5.789	96	35562	17.907	ug/l	92
20) Diisopropyl ether	6.671	45	128261	18.901	ug/l	97
21) 1,1-Dichloroethane	6.571	63	75398	19.461	ug/l	94
22) cis-1,2-Dichloroethene	7.483	96	44281	18.320	ug/l	94
23) tert-Butyl Alcohol	5.518	59	27103	78.979	ug/l #	100
24) Methyl tert-Butyl Ether	5.795	73	117748	17.292	ug/l #	92
25) Chloroform	7.959	83	77705	18.925	ug/l	99
26) Cyclohexane	8.259	56	56710	16.619	ug/l #	84
29) 1,1-Dichloropropene	8.371	75	50535	19.267	ug/l	97
30) 2-Butanone	7.483	43	122041	98.708	ug/l	94
31) 2,2-Dichloropropane	7.489	77	39117	11.698	ug/l #	78
32) 1,1,1-Trichloroethane	8.165	97	68225	19.477	ug/l	98
33) Carbon Tetrachloride	8.365	117	58648	19.334	ug/l	96
34) Benzene	8.606	78	162570	20.658	ug/l	98
35) Methacrylonitrile	7.777	41	28732	20.672	ug/l	93
36) 1,2-Dichloroethane	8.671	62	56594	19.129	ug/l	97
37) Trichloroethene	9.353	130	37253	20.158	ug/l	100
38) Methylcyclohexane	9.600	83	52559	16.738	ug/l	95
39) 1,2-Dichloropropane	9.618	63	41056	21.676	ug/l	97
40) Dibromomethane	9.706	93	27987	20.209	ug/l	96
41) Bromodichloromethane	9.888	83	60788	20.641	ug/l	99
42) Vinyl Acetate	6.606	43	441161	86.785	ug/l	97

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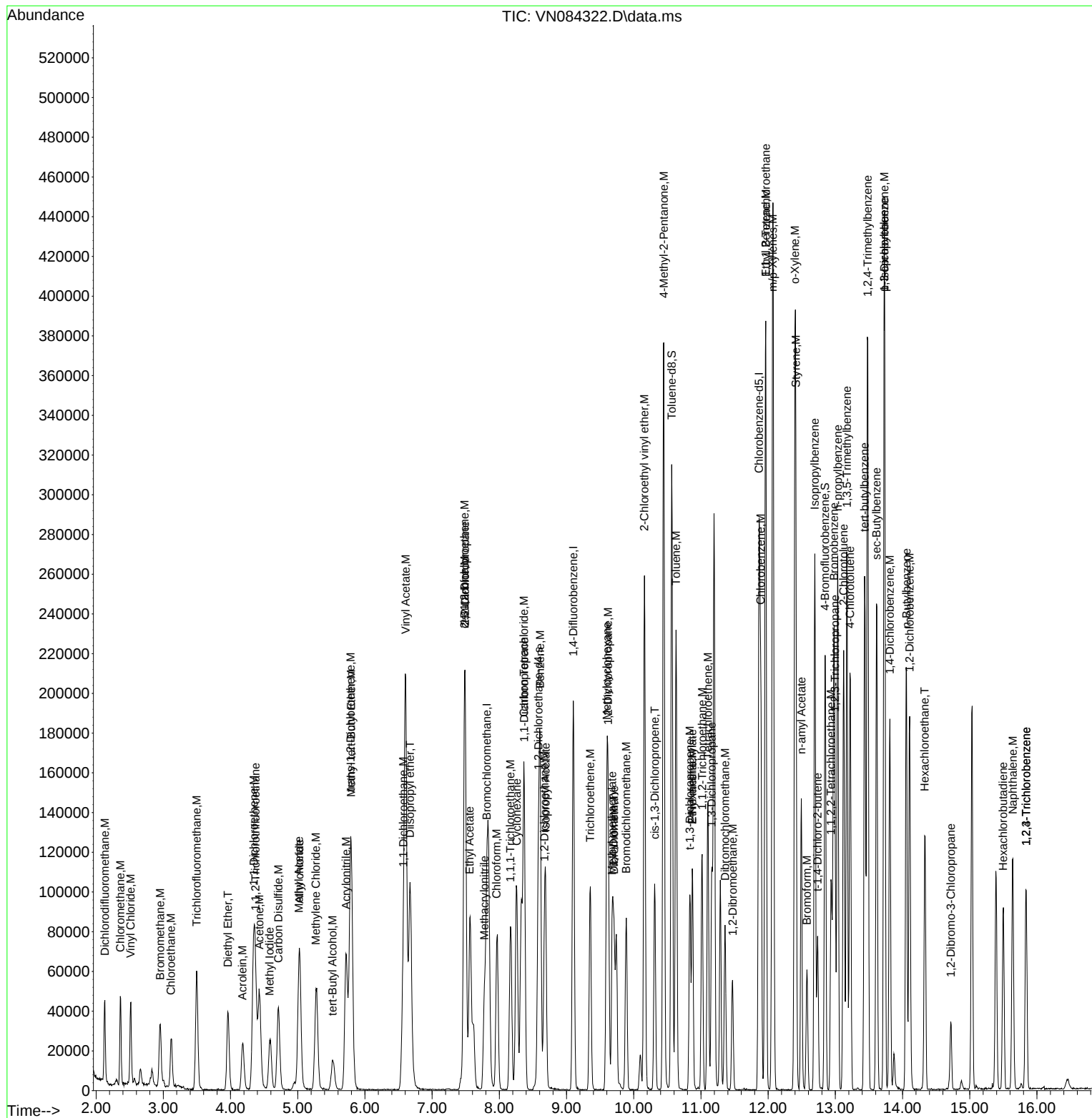
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	45231	18.176	ug/l #	93
44) Isopropyl Acetate	8.688	43	85686	19.907	ug/l	94
45) 1,4-Dioxane	9.700	88	9894	294.715	ug/l #	83
46) Methyl methacrylate	9.677	41	39595	19.005	ug/l	81
47) n-amyl Acetate	12.494	43	76104	19.961	ug/l	93
48) t-1,3-Dichloropropene	10.835	75	57423	18.537	ug/l	93
49) cis-1,3-Dichloropropene	10.312	75	61522	19.097	ug/l #	86
50) 1,1,2-Trichloroethane	11.018	97	37480	21.269	ug/l	97
51) Ethyl methacrylate	10.871	69	57320	19.039	ug/l	86
52) 1,3-Dichloropropane	11.159	76	64780	20.356	ug/l	98
53) Dibromochloromethane	11.359	129	44708	21.152	ug/l	97
54) 1,2-Dibromoethane	11.471	107	38661	21.207	ug/l	96
55) 2-Chloroethyl vinyl ether	10.159	63	113919	94.945	ug/l	98
56) Bromoform	12.576	173	27800	20.702	ug/l	99
58) 4-Methyl-2-Pentanone	10.447	43	259080	108.406	ug/l #	88
59) 2-Hexanone	10.871	43	2871	1.590	ug/l	88
61) Tetrachloroethene	11.106	164	33001	20.688	ug/l	96
62) Toluene	10.630	91	172195	19.876	ug/l	100
64) Chlorobenzene	11.888	112	107212	19.988	ug/l	95
65) 1,1,1,2-Tetrachloroethane	11.965	131	38127	20.405	ug/l	96
66) Ethyl Benzene	11.965	91	183610	18.637	ug/l	99
67) m/p-Xylenes	12.071	106	139585	38.510	ug/l	96
68) o-Xylene	12.400	106	68025	19.391	ug/l	98
69) Styrene	12.412	104	115337	19.458	ug/l	99
70) Isopropylbenzene	12.694	105	171780	18.556	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.935	83	53854	21.299	ug/l	97
72) 1,2,3-Trichloropropane	12.994	75	69416	31.313	ug/l	67
73) Bromobenzene	12.982	156	43090	20.265	ug/l	97
74) n-propylbenzene	13.035	91	208160	19.208	ug/l	99
75) 2-Chlorotoluene	13.123	91	130906	19.354	ug/l	99
76) 1,3,5-Trimethylbenzene	13.171	105	148196	19.164	ug/l	100
77) t-1,4-Dichloro-2-butene	12.735	75	17867	19.068	ug/l	83
78) 4-Chlorotoluene	13.218	91	132112	19.260	ug/l	100
79) tert-butylbenzene	13.435	119	125207	18.516	ug/l	98
80) 1,2,4-Trimethylbenzene	13.482	105	149613	19.145	ug/l	99
81) sec-Butylbenzene	13.612	105	172940	18.721	ug/l	100
82) p-Isopropyltoluene	13.729	119	143718	18.491	ug/l	98
83) 1,3-Dichlorobenzene	13.729	146	80256	19.611	ug/l	97
84) 1,4-Dichlorobenzene	13.812	146	78190	19.110	ug/l	98
85) n-Butylbenzene	14.059	91	122316	17.834	ug/l	98
86) Hexachloroethane	14.329	117	27968	18.989	ug/l	91
87) 1,2-Dichlorobenzene	14.106	146	77514	19.516	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	14.717	75	9742	17.532	ug/l	93
89) 1,2,4-Trichlorobenzene	15.841	180	36097	16.589	ug/l	100
90) Hexachlorobutadiene	15.494	225	17781	19.743	ug/l	98
91) Naphthalene	15.641	128	107465	15.107	ug/l	100
92) 1,2,3-Trichlorobenzene	15.841	180	36097	16.589	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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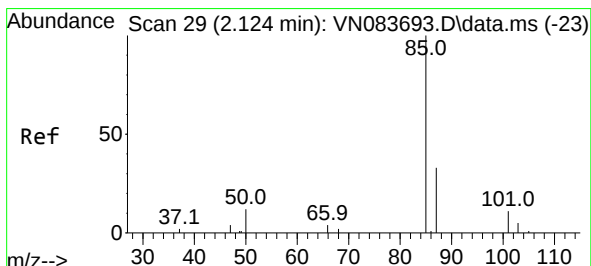
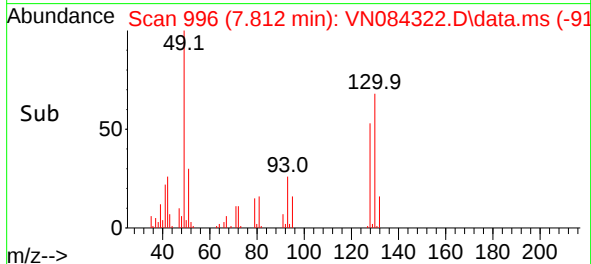
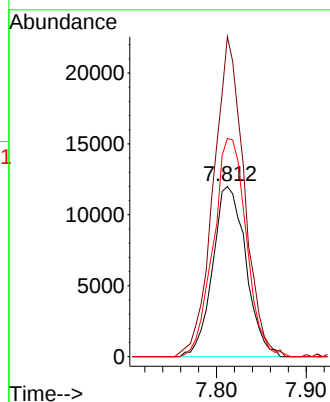
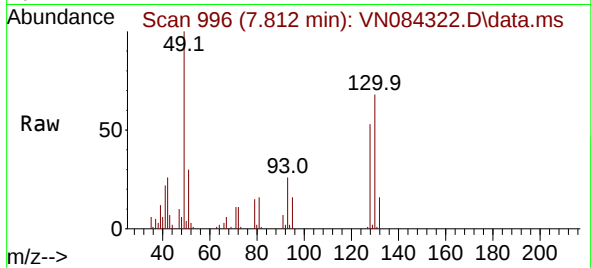




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN084322.D
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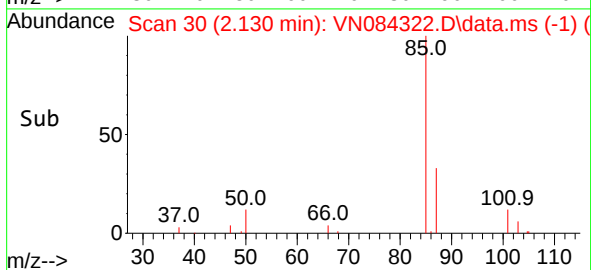
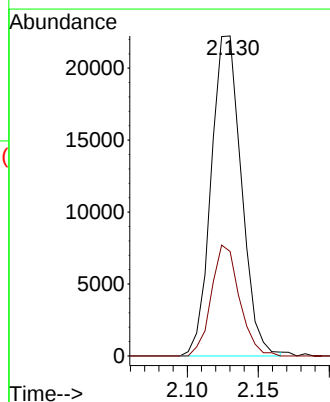
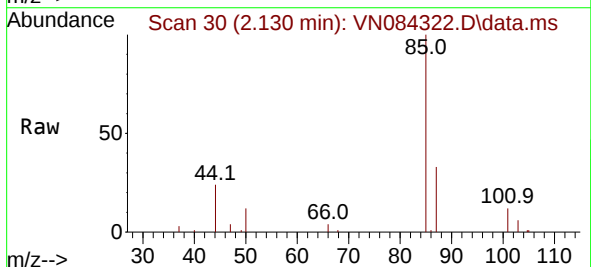
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MSVOA_N
ClientSampleId :

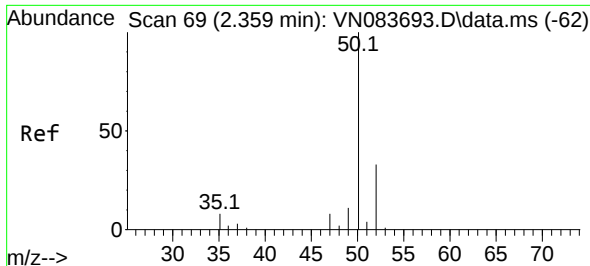
Tgt Ion:128 Resp: 30830
Ion Ratio Lower Upper
128 100
49 173.9 0.0 403.7
130 127.2 0.0 323.3



#2
Dichlorodifluoromethane
Concen: 15.980 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN084322.D
Acq: 04 Oct 2024 18:20

Tgt Ion: 85 Resp: 32992
Ion Ratio Lower Upper
85 100
87 32.6 16.8 50.3

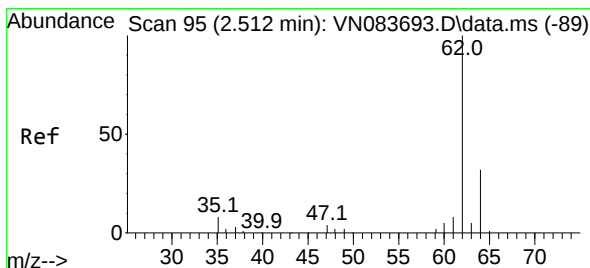
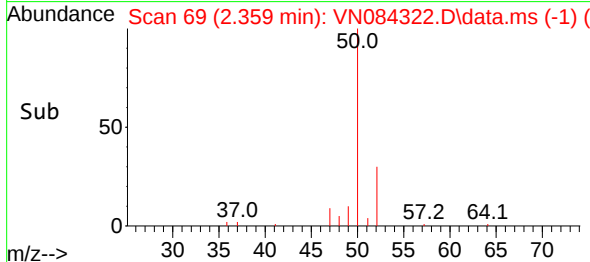
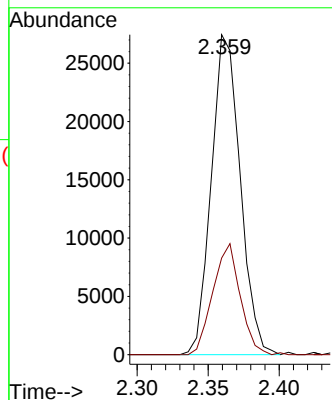
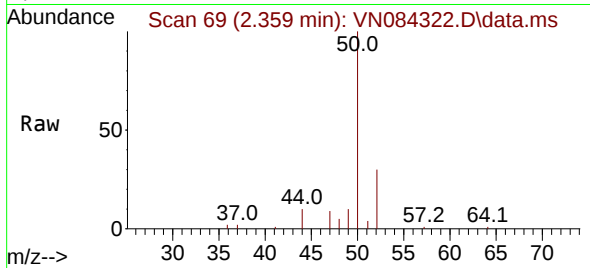




#3
Chloromethane
Concen: 18.111 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN084322.D
Acq: 04 Oct 2024 18:20

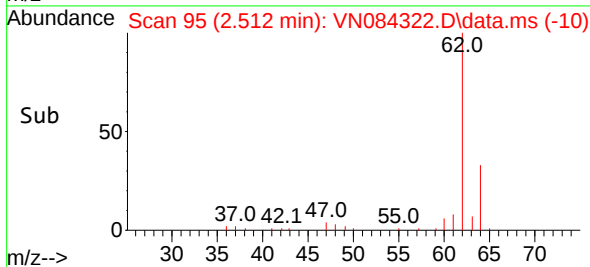
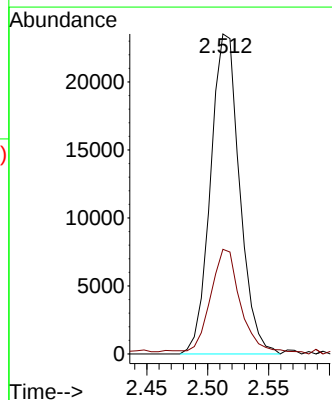
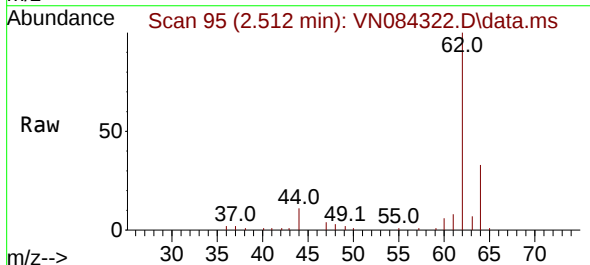
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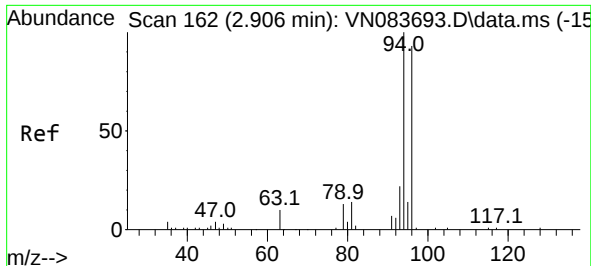
Tgt Ion: 50 Resp: 38852
Ion Ratio Lower Upper
50 100
52 30.2 25.4 38.0



#4
Vinyl Chloride
Concen: 17.715 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN084322.D
Acq: 04 Oct 2024 18:20

Tgt Ion: 62 Resp: 39067
Ion Ratio Lower Upper
62 100
64 31.7 24.1 36.1

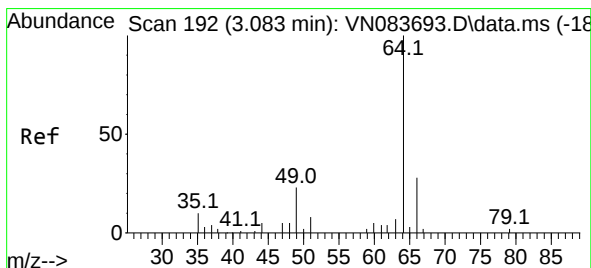
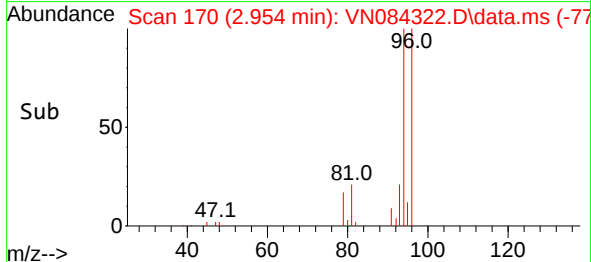
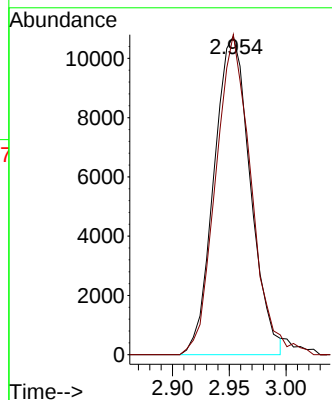
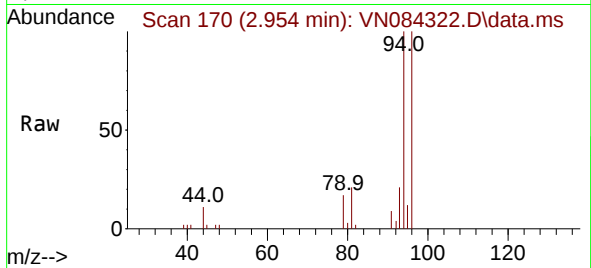




#5
Bromomethane
Concen: 19.420 ug/l
RT: 2.954 min Scan# 11
Delta R.T. 0.047 min
Lab File: VN084322.D
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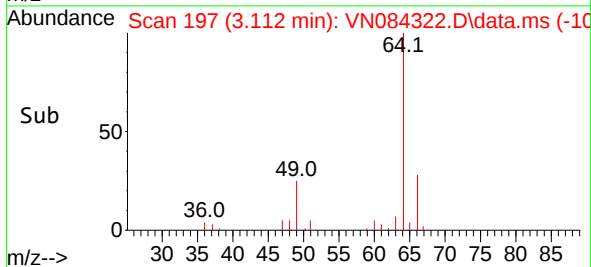
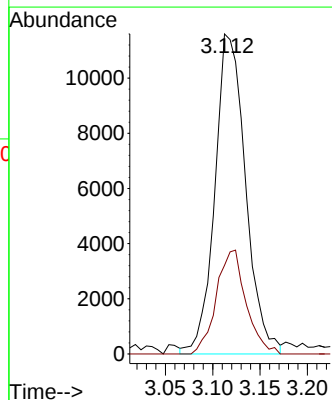
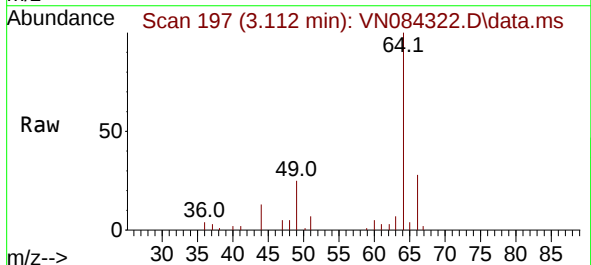
Instrument :
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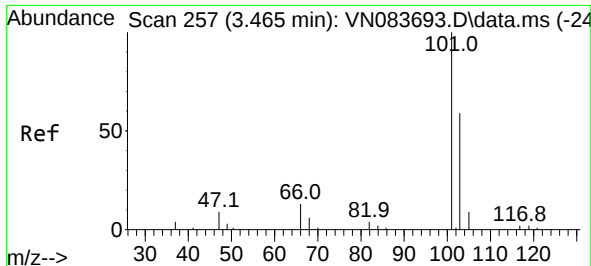
Tgt Ion: 94 Resp: 23928
Ion Ratio Lower Upper
94 100
96 100.5 72.8 109.2



#6
Chloroethane
Concen: 17.716 ug/l
RT: 3.112 min Scan# 197
Delta R.T. 0.030 min
Lab File: VN084322.D
Acq: 04 Oct 2024 18:20

Tgt Ion: 64 Resp: 26162
Ion Ratio Lower Upper
64 100
66 28.2 26.7 40.1

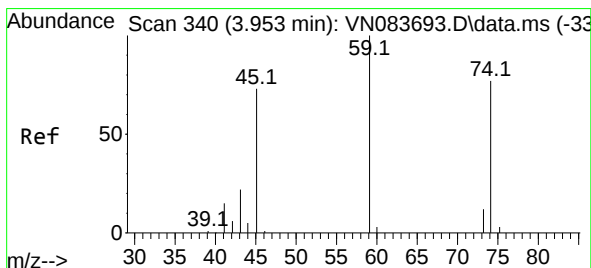
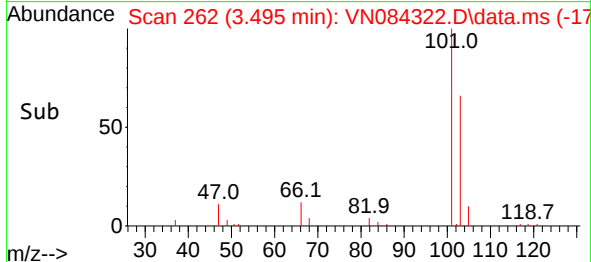
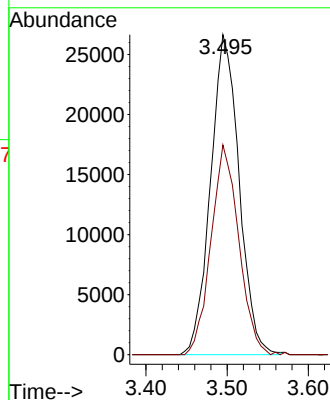
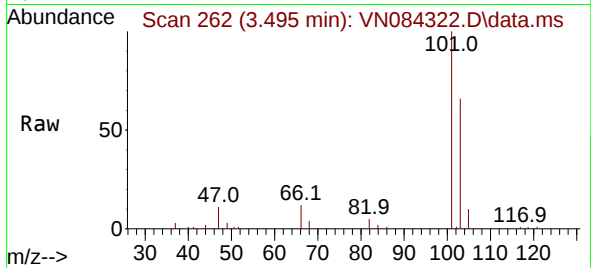




#7
 Trichlorofluoromethane
 Concen: 17.640 ug/l
 RT: 3.495 min Scan# 20
 Delta R.T. 0.030 min
 Lab File: VN084322.D
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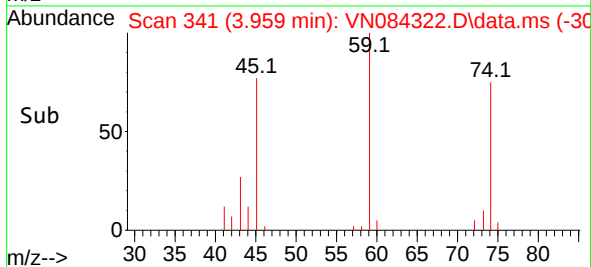
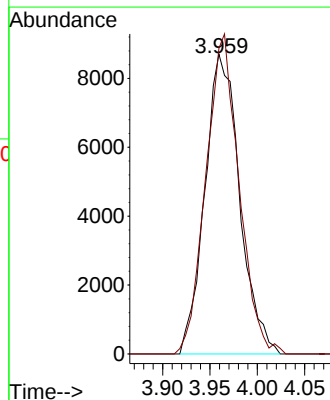
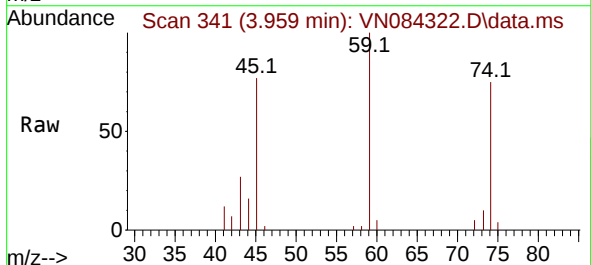
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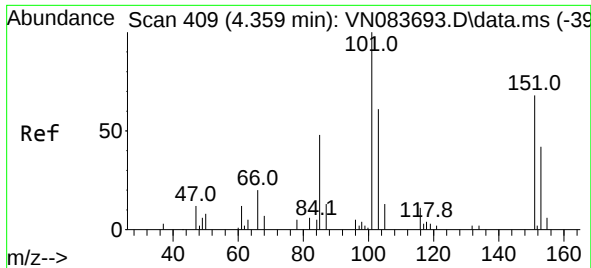
Tgt Ion:101 Resp: 65220
 Ion Ratio Lower Upper
 101 100
 103 65.6 53.0 79.4



#8
 Diethyl Ether
 Concen: 17.722 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN084322.D
 Acq: 04 Oct 2024 18:20

Tgt Ion: 74 Resp: 22264
 Ion Ratio Lower Upper
 74 100
 45 100.8 16.4 147.4

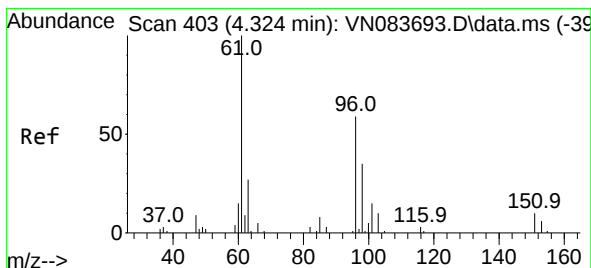
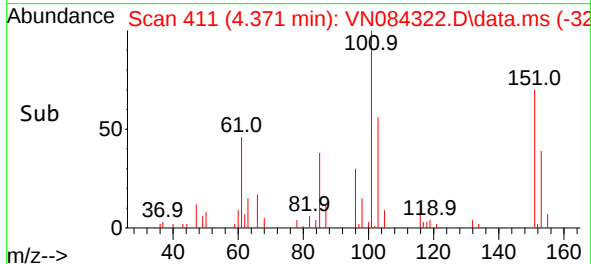
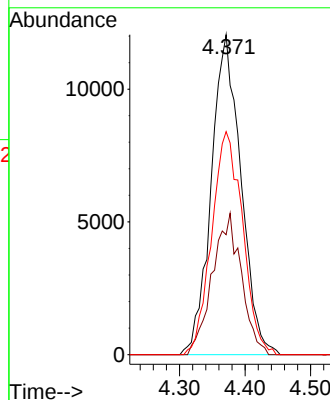
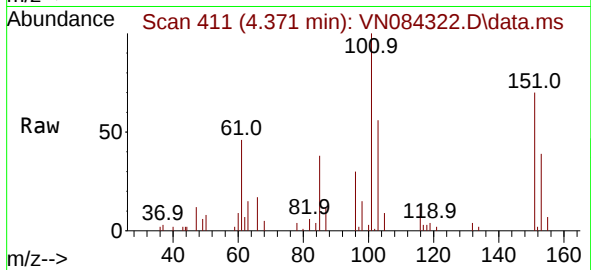




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.078 ug/l
 RT: 4.371 min Scan# 411
 Delta R.T. 0.012 min
 Lab File: VN084322.D
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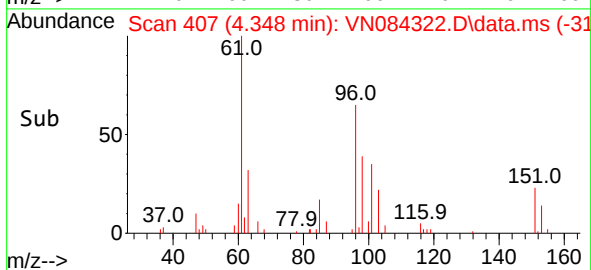
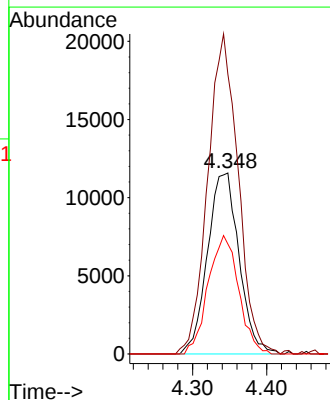
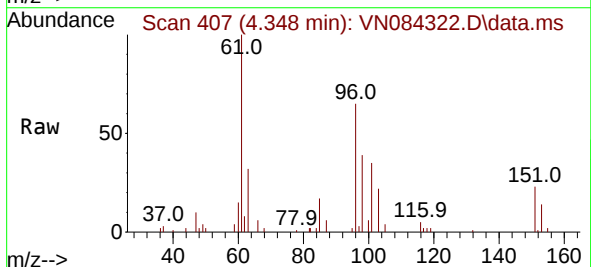
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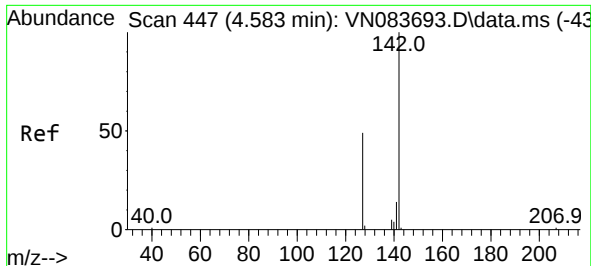
Tgt Ion:101 Resp: 37889
 Ion Ratio Lower Upper
 101 100
 85 20.1 0.0 90.6
 151 72.6 0.0 157.6



#10
 1,1-Dichloroethene
 Concen: 17.866 ug/l
 RT: 4.348 min Scan# 407
 Delta R.T. 0.024 min
 Lab File: VN084322.D
 Acq: 04 Oct 2024 18:20

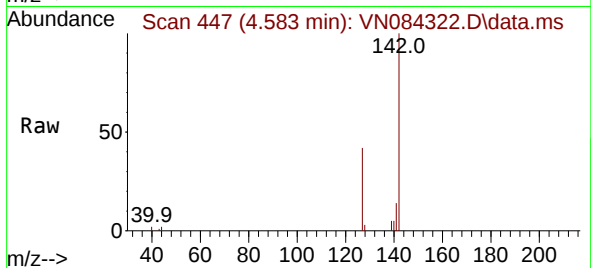
Tgt Ion: 96 Resp: 34233
 Ion Ratio Lower Upper
 96 100
 61 154.5 117.6 176.4
 98 60.7 48.4 72.6



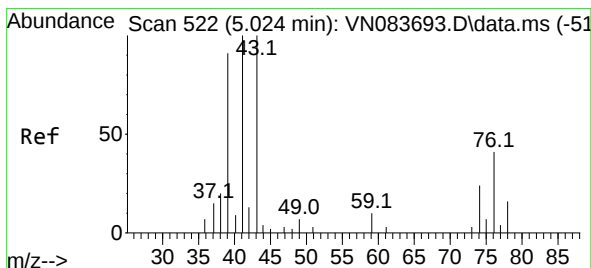
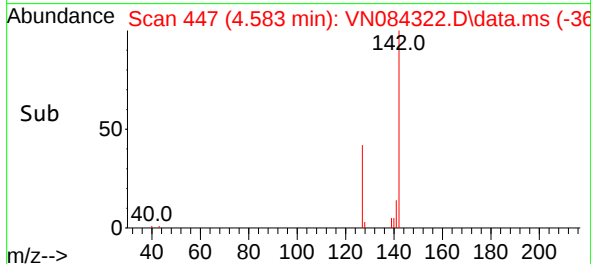
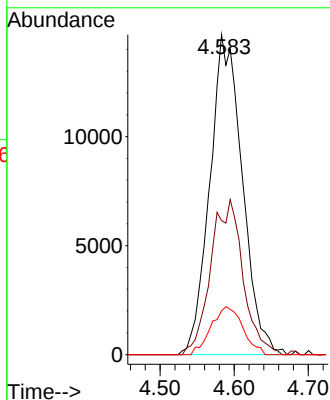


#11
Methyl Iodide
Concen: 17.150 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.000 min
Lab File: VN084322.D
Acq: 04 Oct 2024 18:20

Instrument :
MSVOA_N
ClientSampleId :

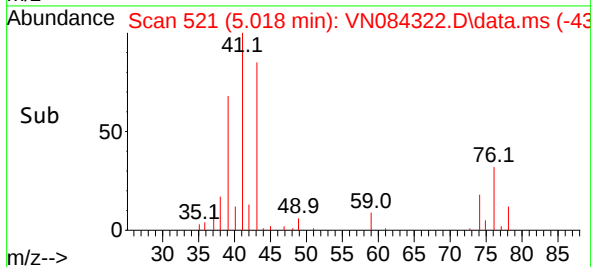
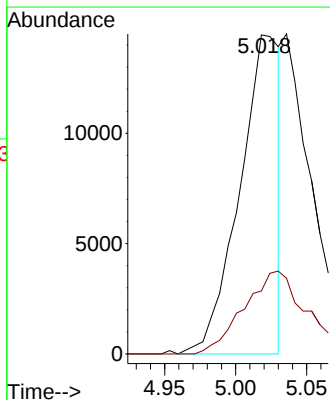
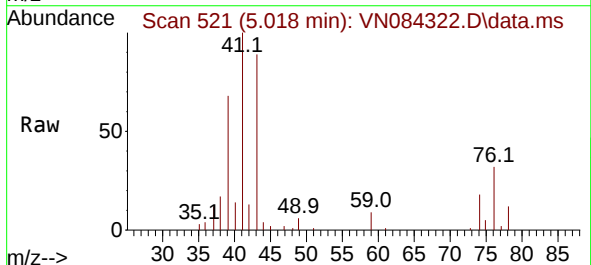


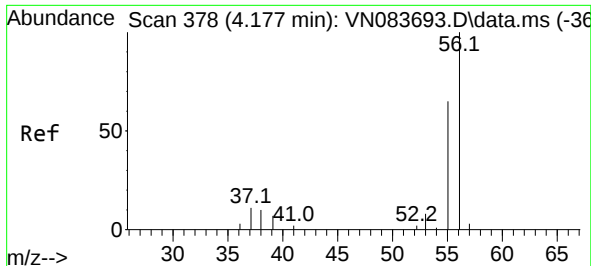
Tgt Ion:142 Resp: 44637
Ion Ratio Lower Upper
142 100
127 41.7 26.3 78.9
141 13.8 8.3 24.9



#12
Methyl Acetate
Concen: 12.232 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN084322.D
Acq: 04 Oct 2024 18:20

Tgt Ion: 43 Resp: 28266
Ion Ratio Lower Upper
43 100
74 13.0 27.7 41.5#





#13

Acrolein

Concen: 94.639 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN084322.D

Acq: 04 Oct 2024 18:20

Instrument :

MSVOA_N

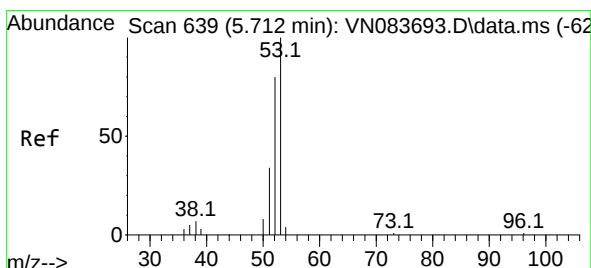
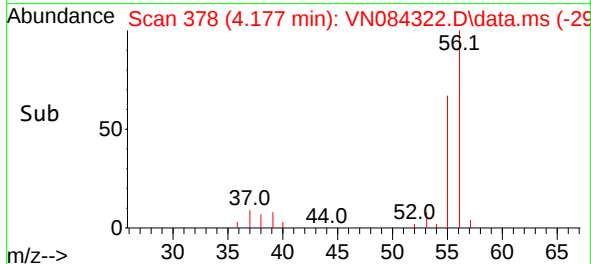
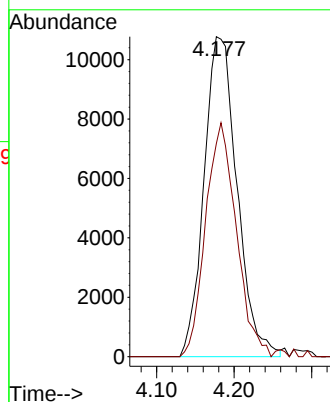
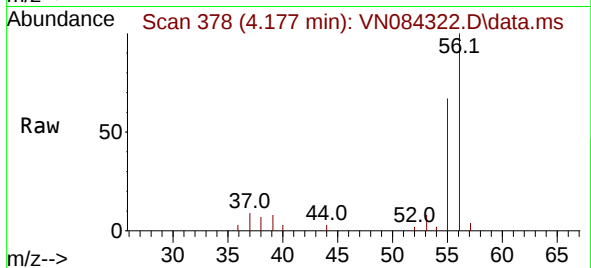
ClientSampleId :

Tgt Ion: 56 Resp: 31917

Ion Ratio Lower Upper

56 100

55 67.9 55.5 83.3



#14

Acrylonitrile

Concen: 97.495 ug/l

RT: 5.718 min Scan# 640

Delta R.T. 0.006 min

Lab File: VN084322.D

Acq: 04 Oct 2024 18:20

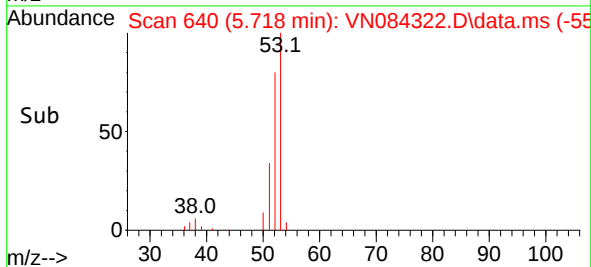
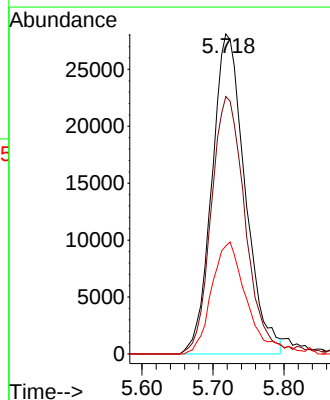
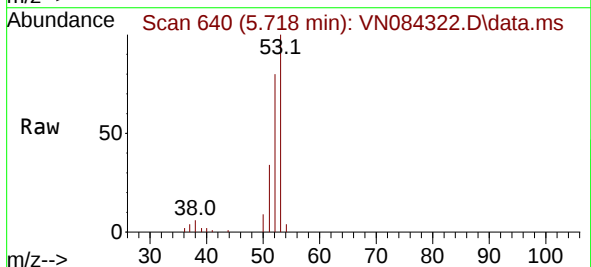
Tgt Ion: 53 Resp: 91175

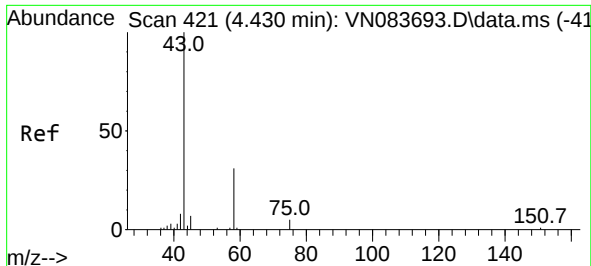
Ion Ratio Lower Upper

53 100

52 82.2 41.3 123.9

51 36.3 16.8 50.3





#15

Acetone

Concen: 92.113 ug/l

RT: 4.430 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN084322.D

Acq: 04 Oct 2024 18:20

Instrument :

MSVOA_N

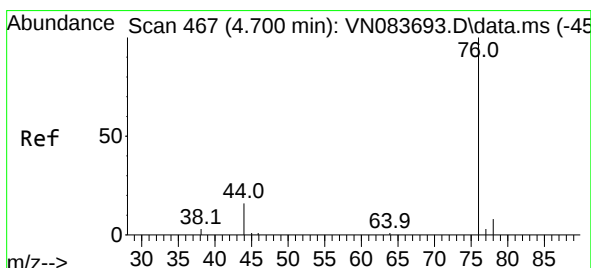
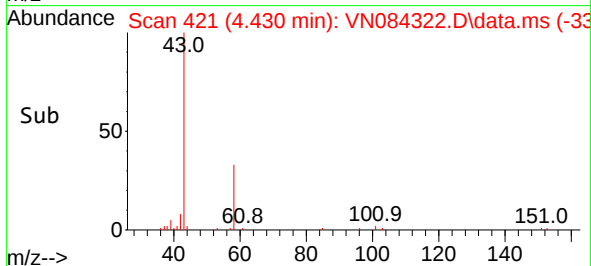
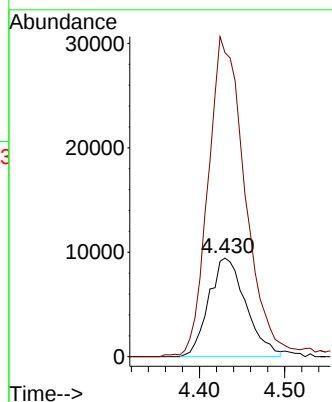
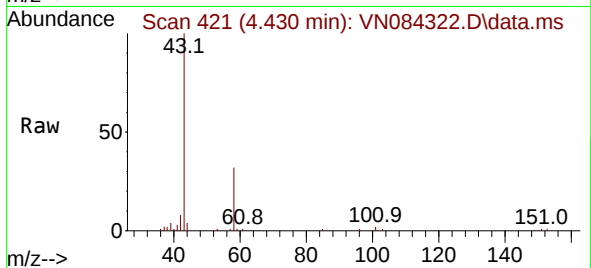
ClientSampleId :

Tgt Ion: 58 Resp: 28575

Ion Ratio Lower Upper

58 100

43 306.8 223.1 334.7



#16

Carbon Disulfide

Concen: 16.753 ug/l

RT: 4.712 min Scan# 469

Delta R.T. 0.012 min

Lab File: VN084322.D

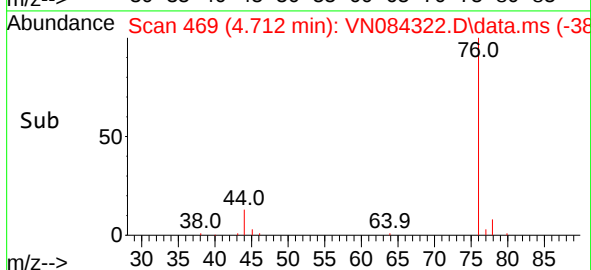
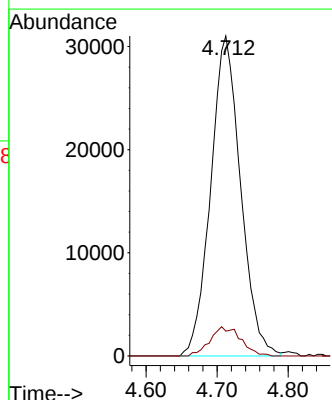
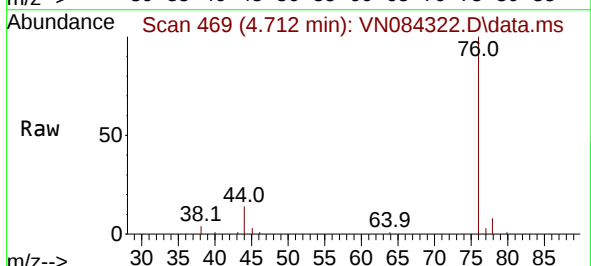
Acq: 04 Oct 2024 18:20

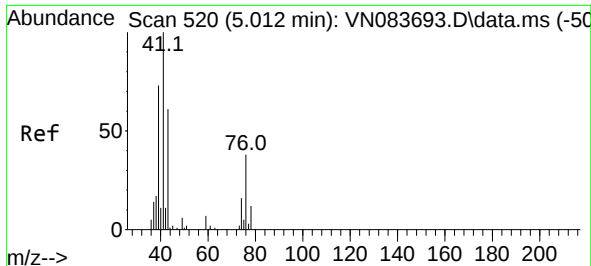
Tgt Ion: 76 Resp: 90723

Ion Ratio Lower Upper

76 100

78 7.7 6.3 9.5





#17

Allyl chloride

Concen: 16.583 ug/l

RT: 5.024 min Scan# 51

Delta R.T. 0.012 min

Lab File: VN084322.D

Acq: 04 Oct 2024 18:20

Instrument :

MSVOA_N

ClientSampleId :

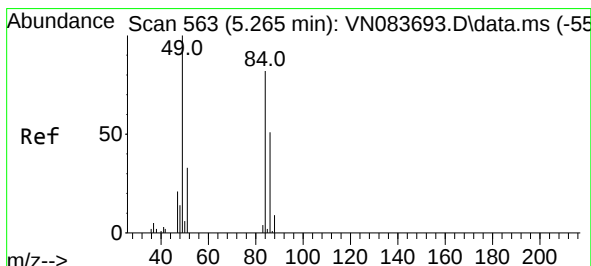
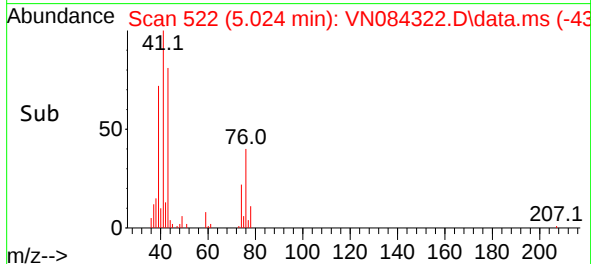
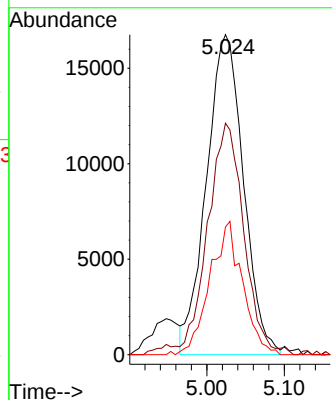
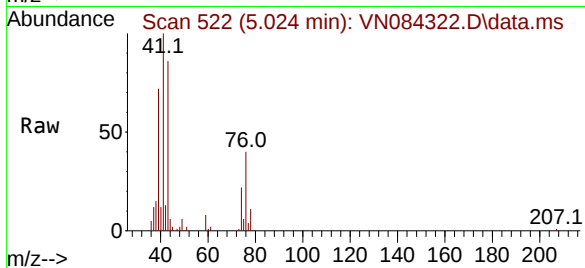
Tgt Ion: 41 Resp: 55721

Ion Ratio Lower Upper

41 100

39 71.3 37.6 112.9

76 40.5 27.8 83.4



#18

Methylene Chloride

Concen: 19.080 ug/l

RT: 5.271 min Scan# 564

Delta R.T. 0.006 min

Lab File: VN084322.D

Acq: 04 Oct 2024 18:20

Tgt Ion: 84 Resp: 39999

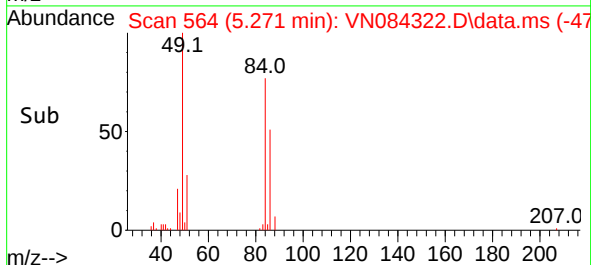
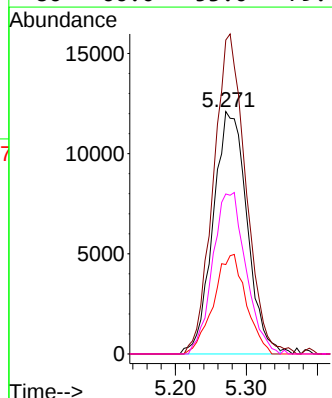
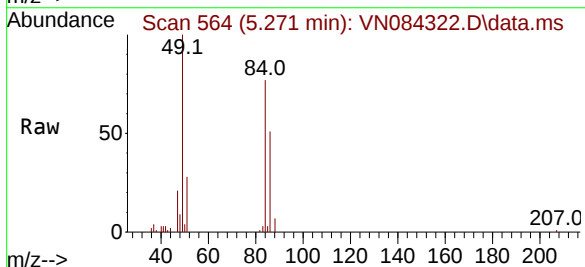
Ion Ratio Lower Upper

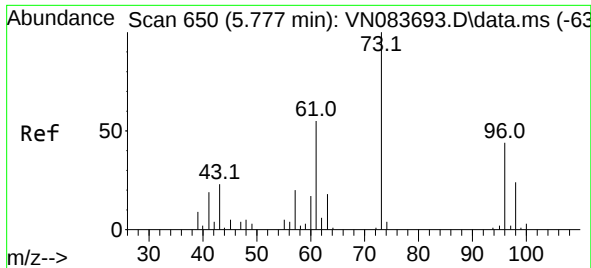
84 100

49 129.5 86.0 129.0#

51 36.9 30.0 45.0

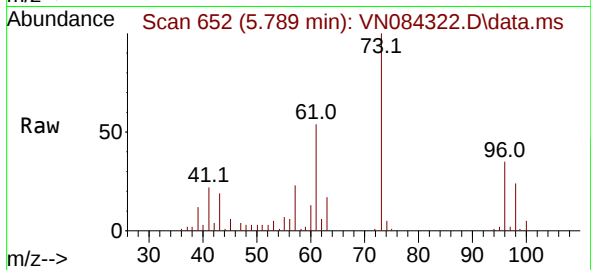
86 66.0 53.0 79.4



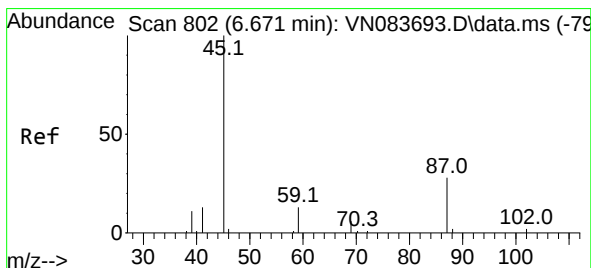
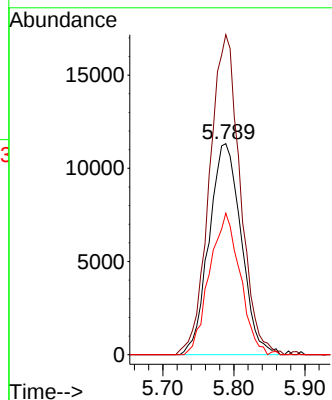
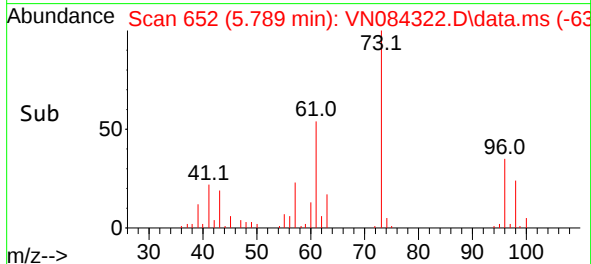


#19
trans-1,2-Dichloroethene
Concen: 17.907 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN084322.D
Acq: 04 Oct 2024 18:20

Instrument :
MSVOA_N
ClientSampleId :

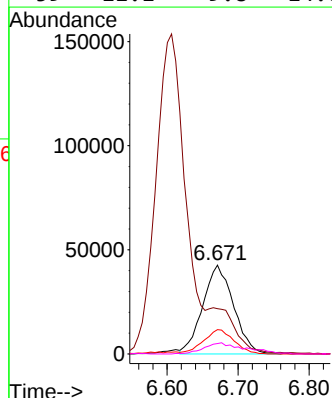
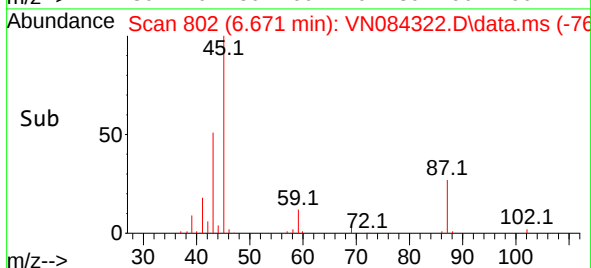
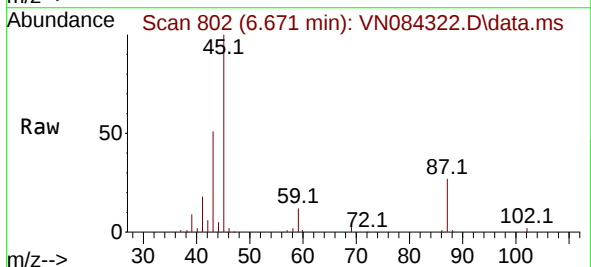


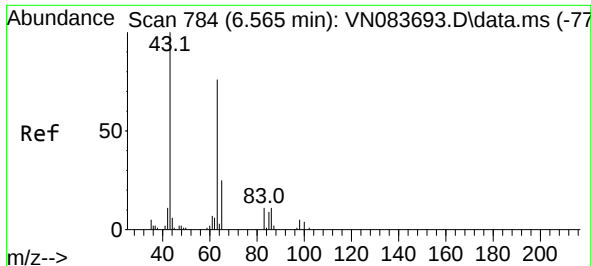
Tgt Ion: 96 Resp: 35562
Ion Ratio Lower Upper
96 100
61 149.9 111.8 167.6
98 67.0 49.2 73.8



#20
Diisopropyl ether
Concen: 18.901 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN084322.D
Acq: 04 Oct 2024 18:20

Tgt Ion: 45 Resp: 128261
Ion Ratio Lower Upper
45 100
43 49.4 40.4 60.6
87 27.4 23.8 35.8
59 11.1 9.8 14.6





#21

1,1-Dichloroethane

Concen: 19.461 ug/l

RT: 6.571 min Scan# 71

Delta R.T. 0.006 min

Lab File: VN084322.D

Acq: 04 Oct 2024 18:20

Instrument :

MSVOA_N

ClientSampleId :

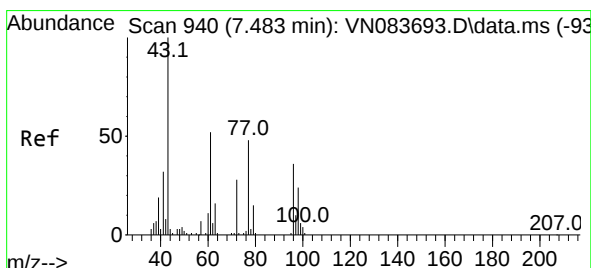
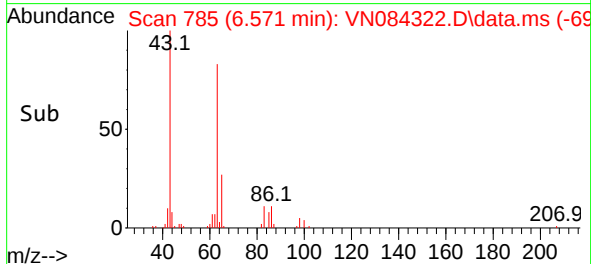
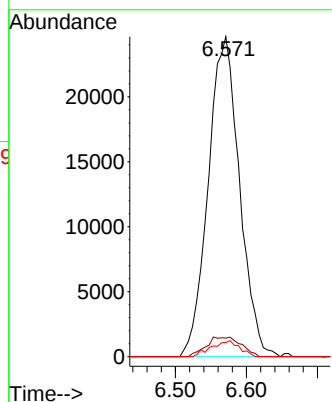
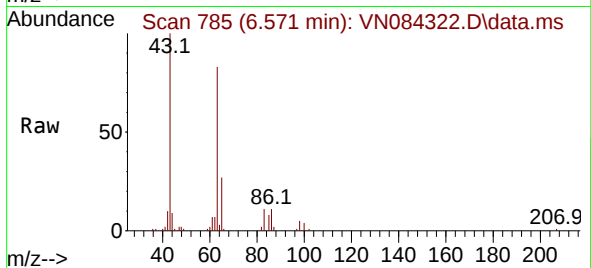
Tgt Ion: 63 Resp: 75398

Ion Ratio Lower Upper

63 100

98 5.8 4.1 12.3

100 4.5 3.0 9.0



#22

cis-1,2-Dichloroethene

Concen: 18.320 ug/l

RT: 7.483 min Scan# 940

Delta R.T. 0.000 min

Lab File: VN084322.D

Acq: 04 Oct 2024 18:20

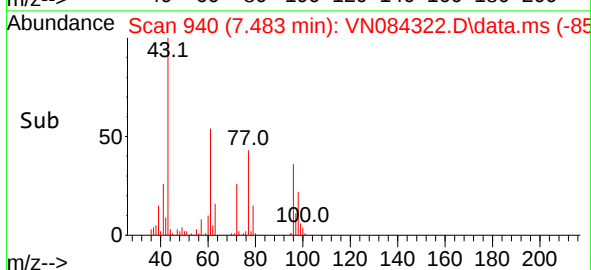
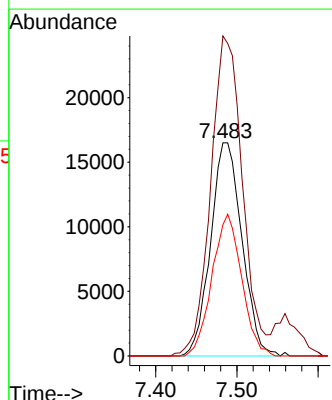
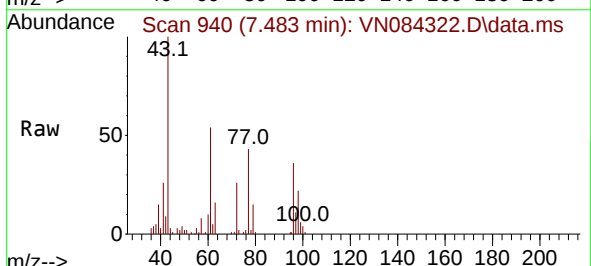
Tgt Ion: 96 Resp: 44281

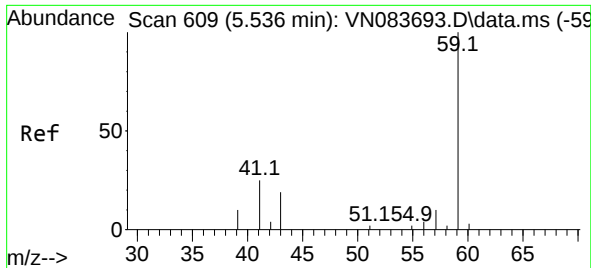
Ion Ratio Lower Upper

96 100

61 151.4 113.5 170.3

98 62.9 52.0 78.0

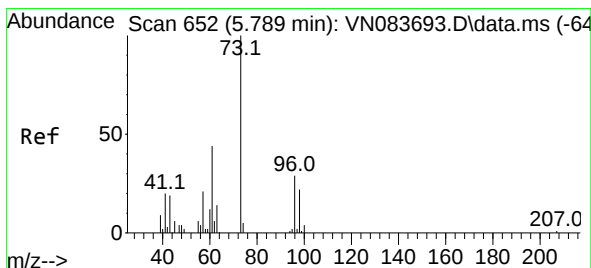
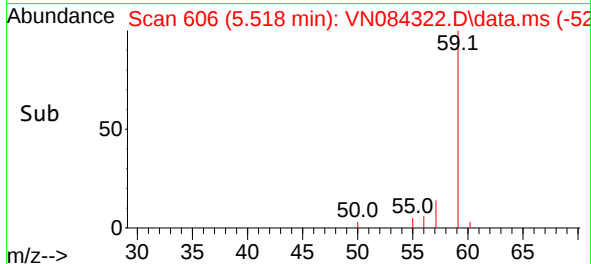
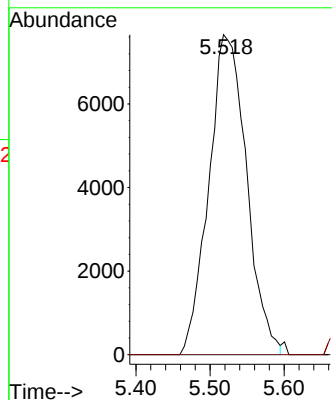
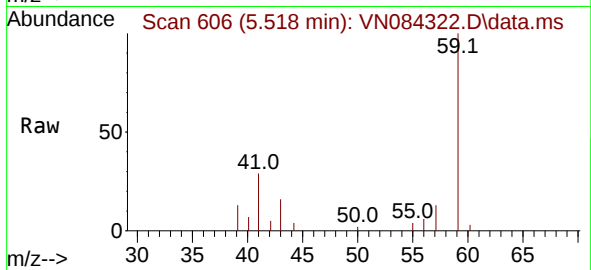




#23
tert-Butyl Alcohol
Concen: 78.979 ug/l
RT: 5.518 min Scan# 609
Delta R.T. -0.018 min
Lab File: VN084322.D
Acq: 04 Oct 2024 18:20

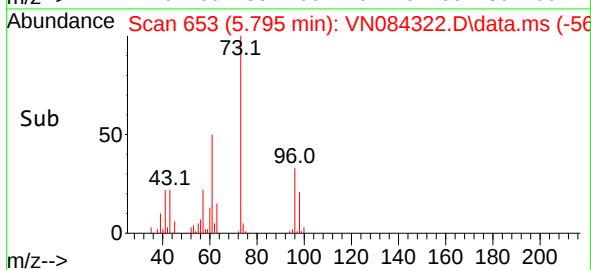
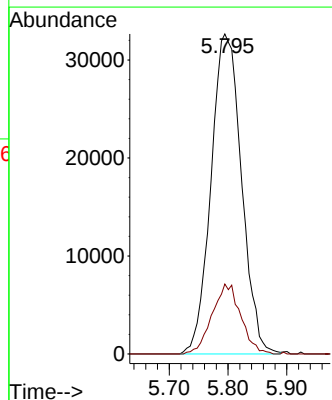
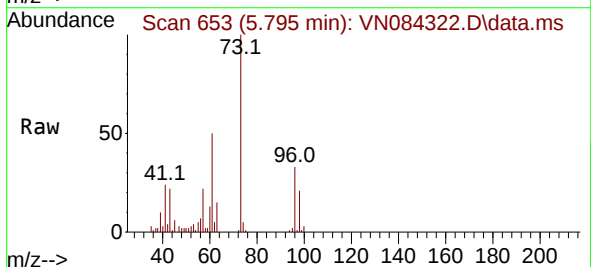
Instrument :
MSVOA_N
ClientSampleId :

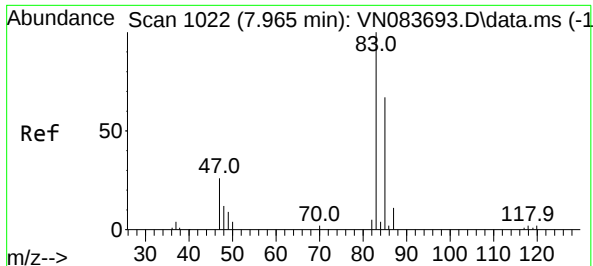
Tgt Ion: 59 Resp: 27103
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 17.292 ug/l
RT: 5.795 min Scan# 653
Delta R.T. 0.006 min
Lab File: VN084322.D
Acq: 04 Oct 2024 18:20

Tgt Ion: 73 Resp: 117748
Ion Ratio Lower Upper
73 100
43 20.3 13.4 20.2#

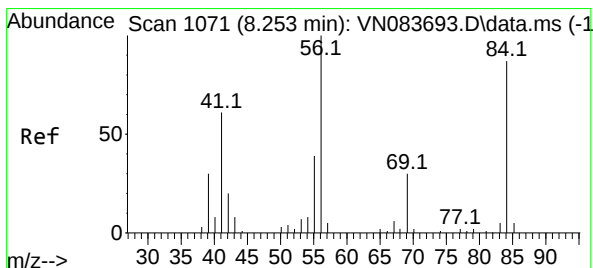
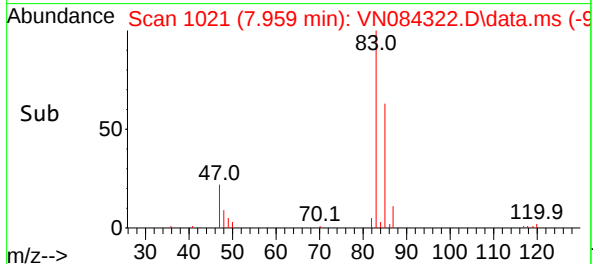
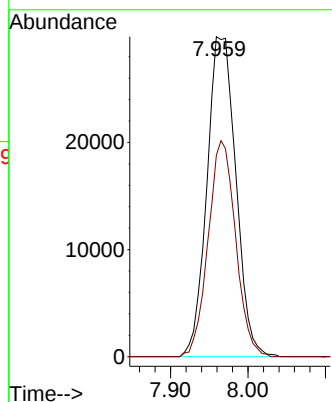
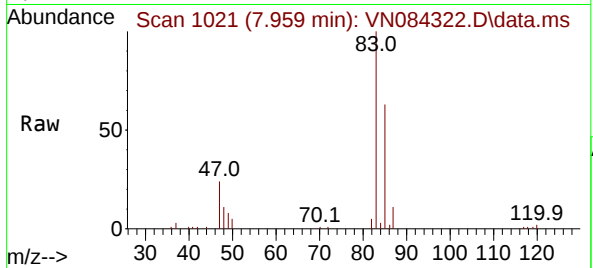




#25
Chloroform
Concen: 18.925 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VN084322.D
Acq: 04 Oct 2024 18:20

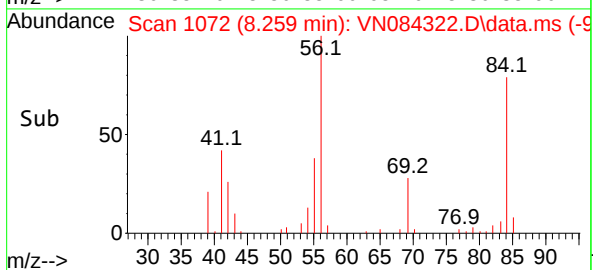
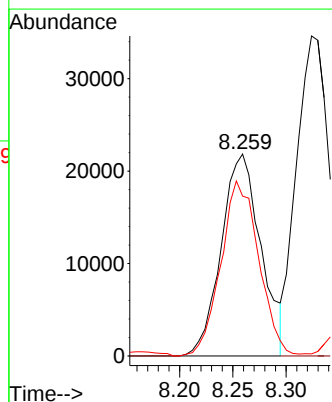
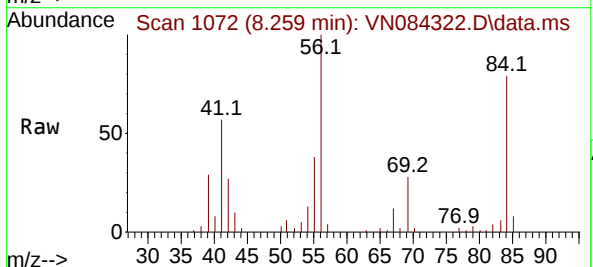
Instrument :
MSVOA_N
ClientSampleId :

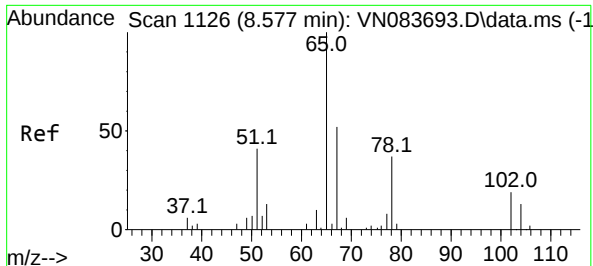
Tgt Ion: 83 Resp: 77705
Ion Ratio Lower Upper
83 100
85 63.0 50.9 76.3



#26
Cyclohexane
Concen: 16.619 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.006 min
Lab File: VN084322.D
Acq: 04 Oct 2024 18:20

Tgt Ion: 56 Resp: 56710
Ion Ratio Lower Upper
56 100
89 0.0 19.3 28.9#
84 82.7 71.3 106.9

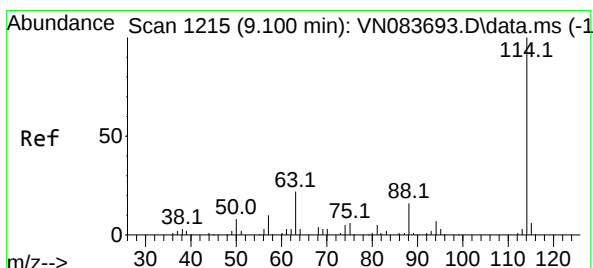
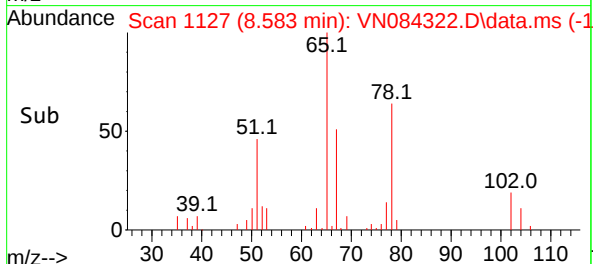
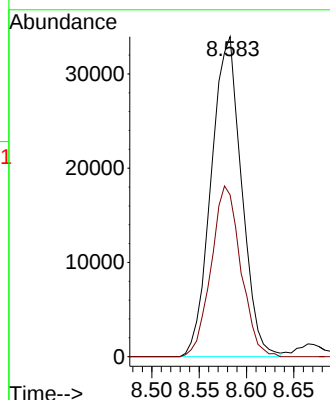
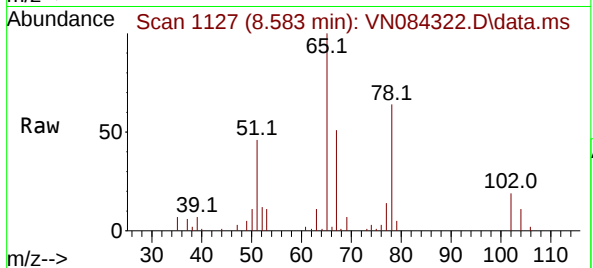




#27
 1,2-Dichloroethane-d4
 Concen: 26.853 ug/l
 RT: 8.583 min Scan# 1127
 Delta R.T. 0.006 min
 Lab File: VN084322.D
 Acq: 04 Oct 2024 18:20

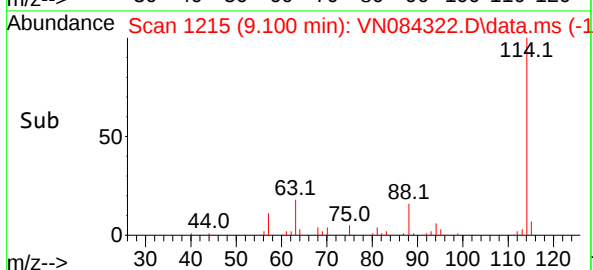
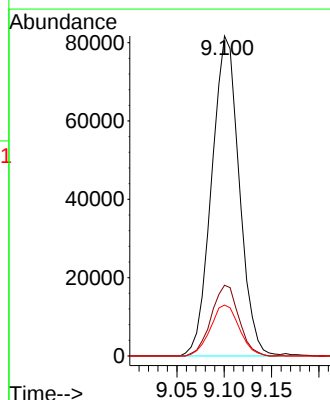
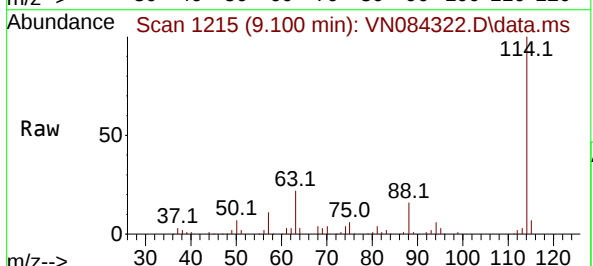
Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion: 65 Resp: 75674
 Ion Ratio Lower Upper
 65 100
 67 52.0 43.2 64.8



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN084322.D
 Acq: 04 Oct 2024 18:20

Tgt Ion: 114 Resp: 165361
 Ion Ratio Lower Upper
 114 100
 63 22.1 15.9 23.9
 88 16.6 12.7 19.1

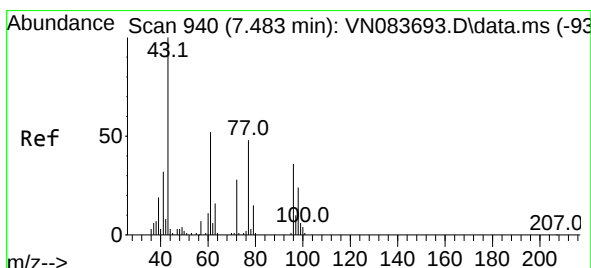
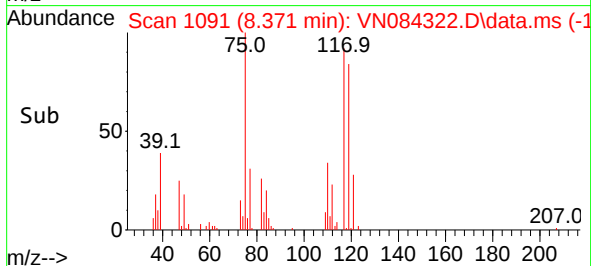
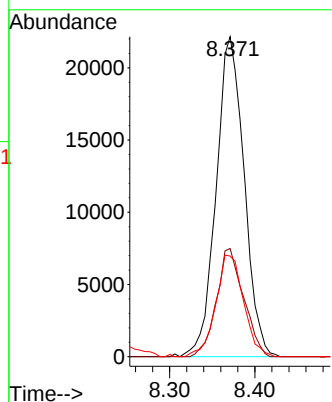
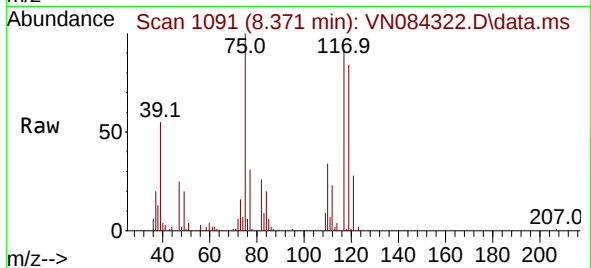




#29
1,1-Dichloropropene
Concen: 19.267 ug/l
RT: 8.371 min Scan# 110
Delta R.T. 0.006 min
Lab File: VN084322.D
Acq: 04 Oct 2024 18:20

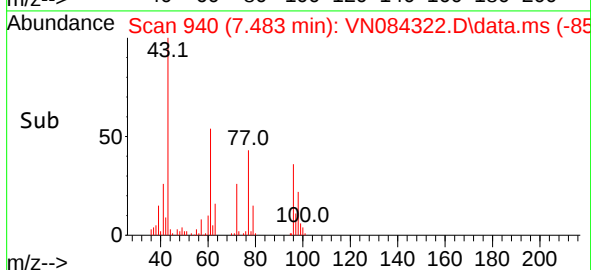
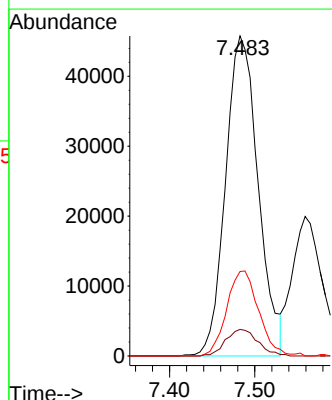
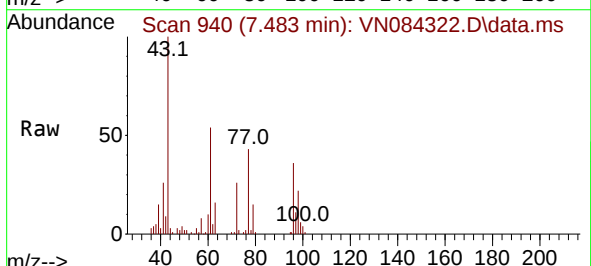
Instrument :
MSVOA_N
ClientSampleId :

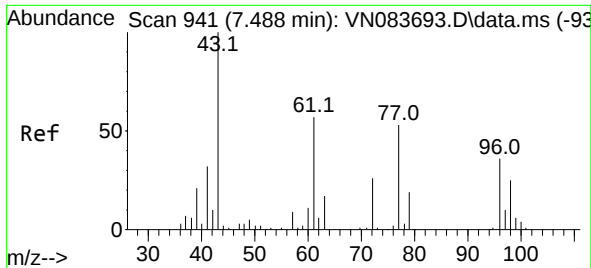
Tgt Ion: 75	Resp: 50535
Ion Ratio	Lower Upper
75	100
110	32.8 0.0 70.2
77	31.6 0.0 61.4



#30
2-Butanone
Concen: 98.708 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN084322.D
Acq: 04 Oct 2024 18:20

Tgt Ion: 43	Resp: 122041
Ion Ratio	Lower Upper
43	100
57	8.1 6.7 10.1
72	25.8 24.0 36.0

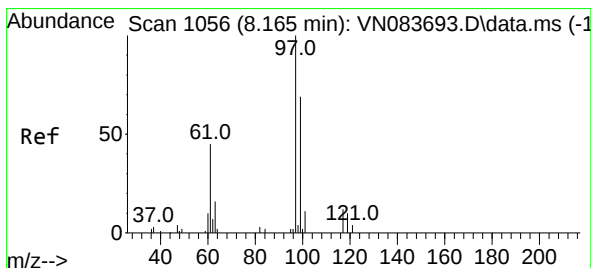
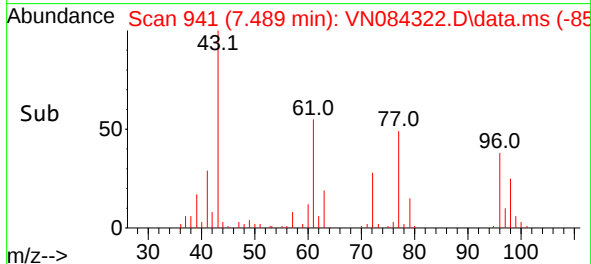
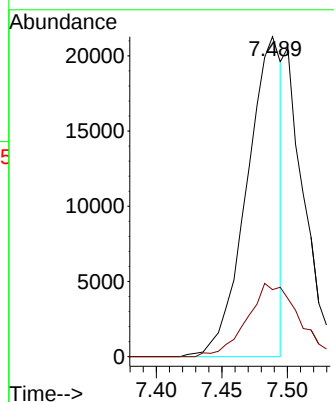
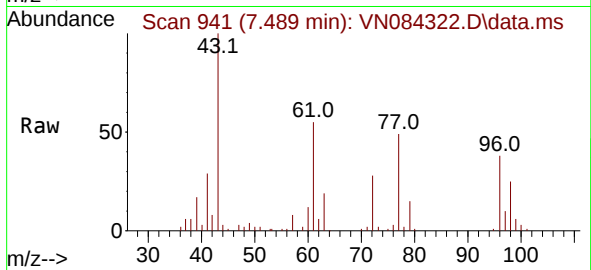




#31
2,2-Dichloropropane
Concen: 11.698 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN084322.D
Acq: 04 Oct 2024 18:20

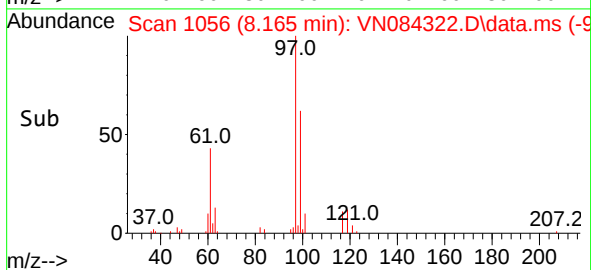
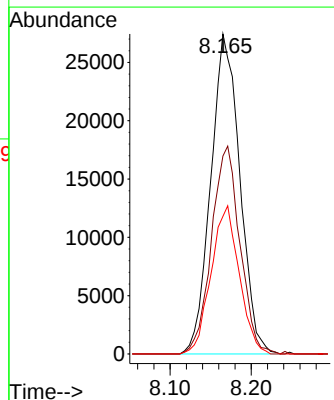
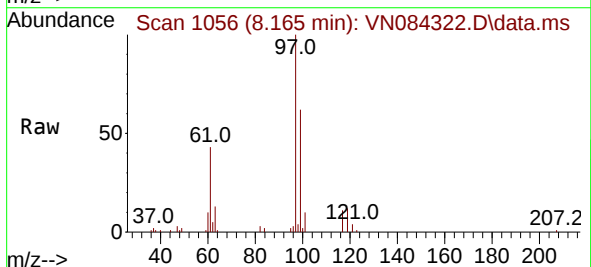
Instrument :
MSVOA_N
ClientSampleId :

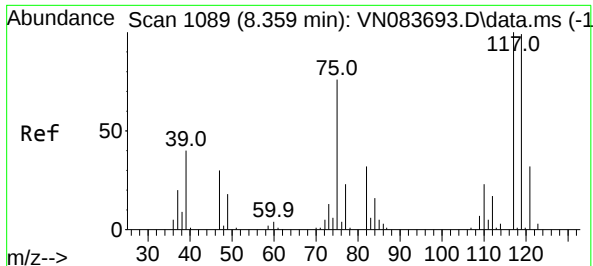
Tgt Ion: 77 Resp: 39117
Ion Ratio Lower Upper
77 100
97 33.8 18.3 27.5#



#32
1,1,1-Trichloroethane
Concen: 19.477 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN084322.D
Acq: 04 Oct 2024 18:20

Tgt Ion: 97 Resp: 68225
Ion Ratio Lower Upper
97 100
99 63.5 51.0 76.4
61 44.9 33.8 50.8





#33

Carbon Tetrachloride

Concen: 19.334 ug/l

RT: 8.365 min Scan# 1109

Delta R.T. 0.006 min

Lab File: VN084322.D

Acq: 04 Oct 2024 18:20

Instrument :

MSVOA_N

ClientSampleId :

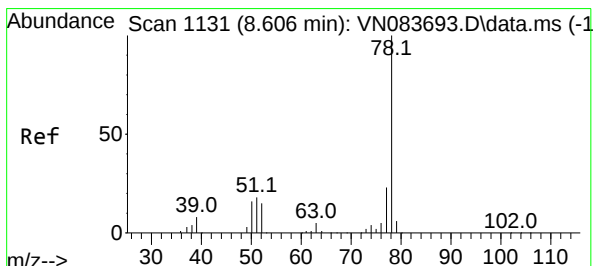
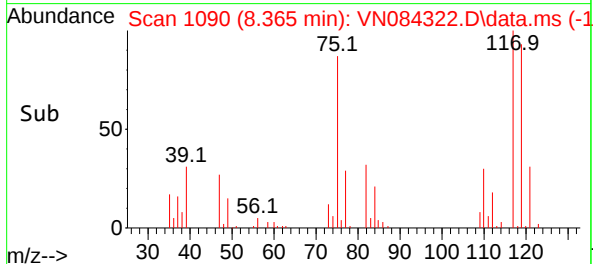
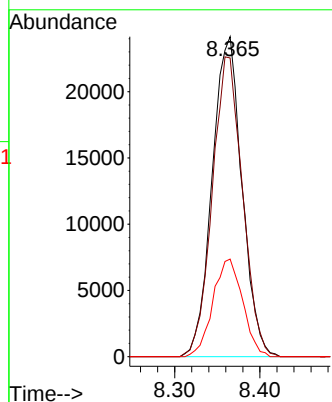
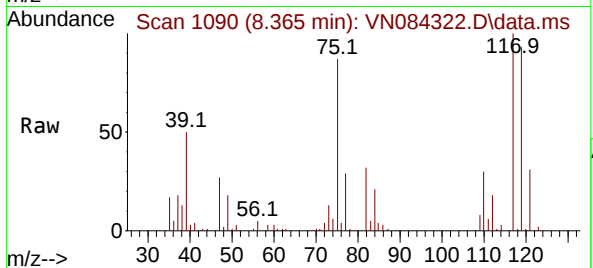
Tgt Ion:117 Resp: 58648

Ion Ratio Lower Upper

117 100

119 93.3 77.7 116.5

121 30.5 27.0 40.6



#34

Benzene

Concen: 20.658 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN084322.D

Acq: 04 Oct 2024 18:20

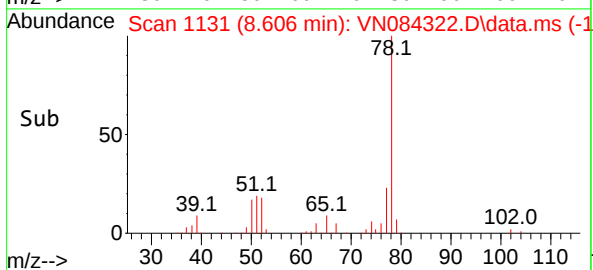
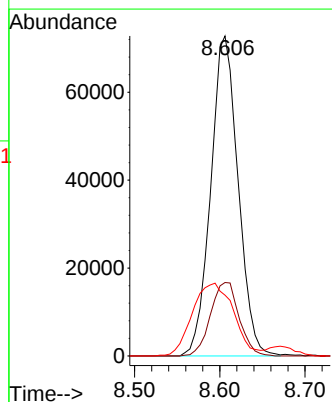
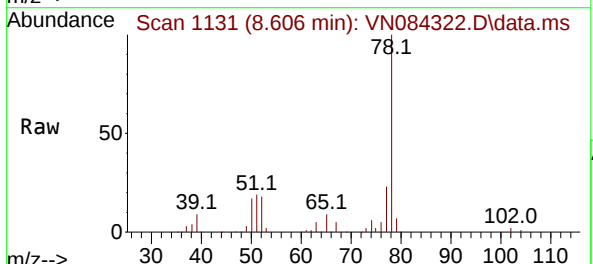
Tgt Ion: 78 Resp: 162570

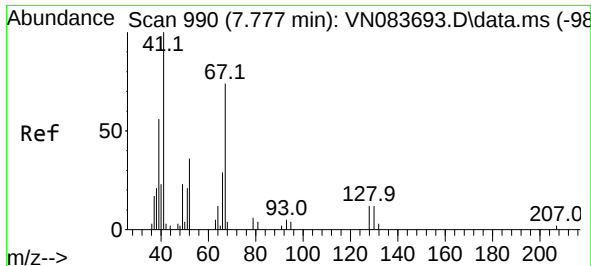
Ion Ratio Lower Upper

78 100

77 23.0 19.2 28.8

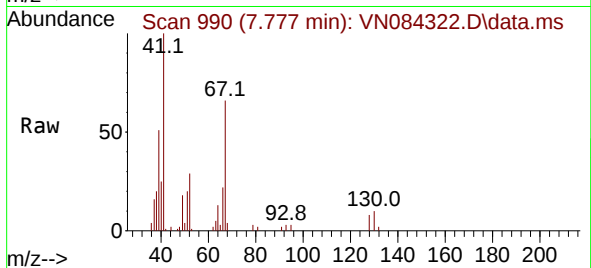
51 15.9 13.3 19.9



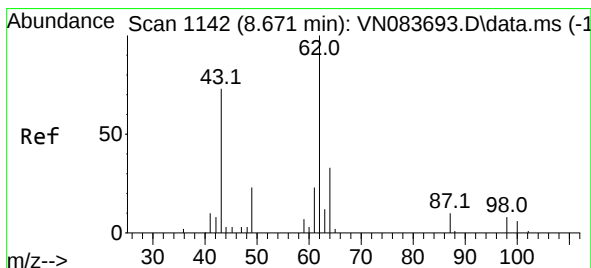
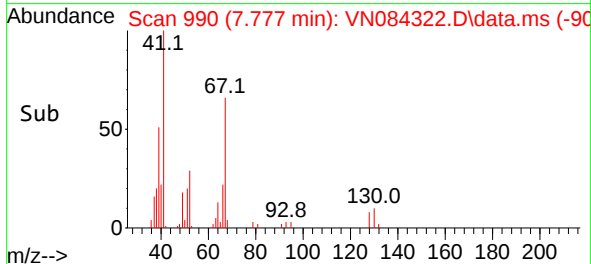
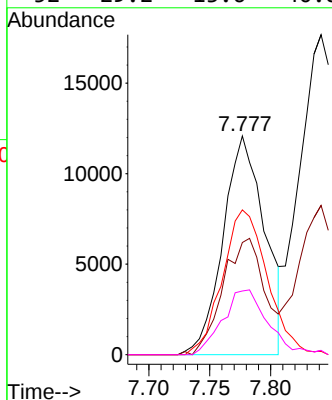


#35
Methacrylonitrile
Concen: 20.672 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN084322.D
Acq: 04 Oct 2024 18:20

Instrument :
MSVOA_N
ClientSampleId :

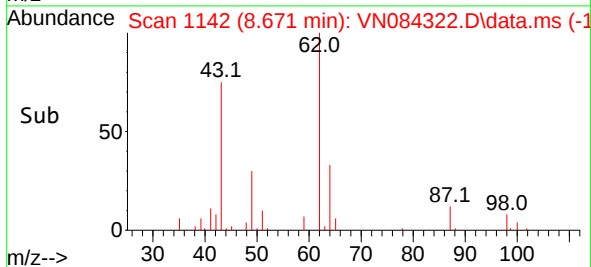
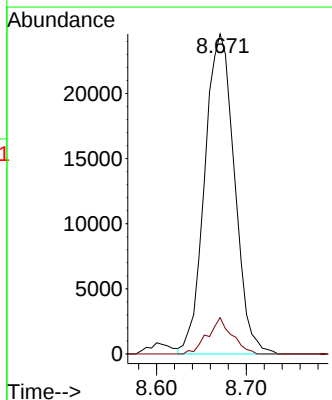
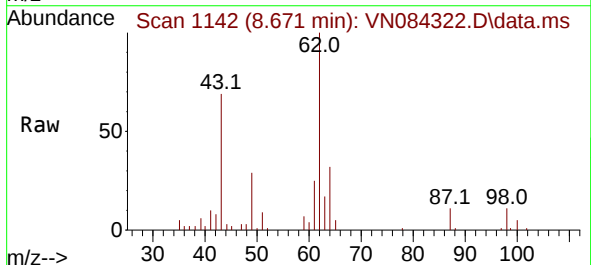


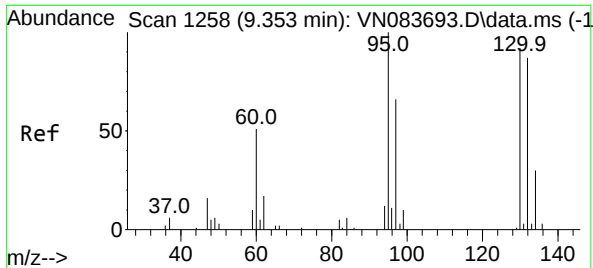
Tgt Ion:	41	Resp:	28732
Ion	Ratio	Lower	Upper
41	100		
39	51.3	25.3	75.9
67	66.2	38.7	116.1
52	29.2	13.6	40.8



#36
1,2-Dichloroethane
Concen: 19.129 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN084322.D
Acq: 04 Oct 2024 18:20

Tgt Ion:	62	Resp:	56594
Ion	Ratio	Lower	Upper
62	100		
98	9.2	8.2	12.4

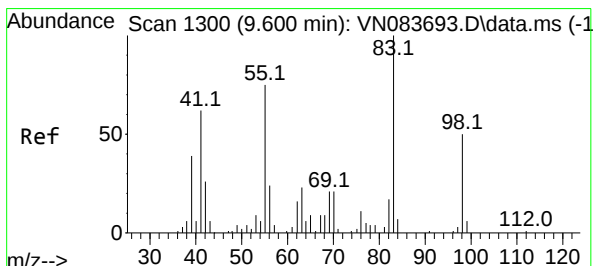
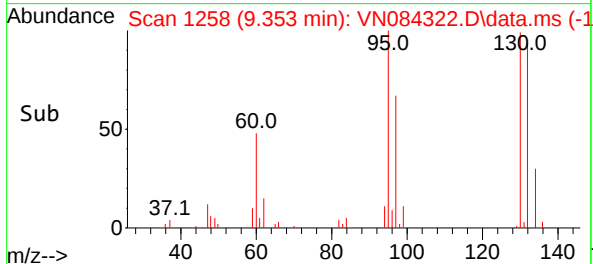
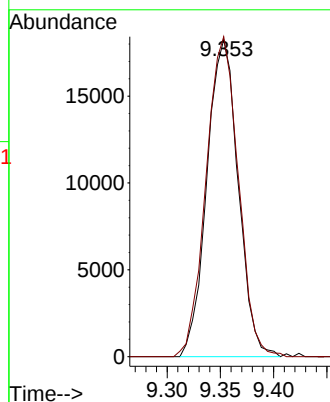
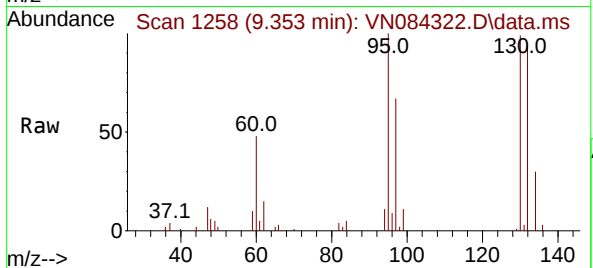




#37
Trichloroethene
Concen: 20.158 ug/l
RT: 9.353 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084322.D
Acq: 04 Oct 2024 18:20

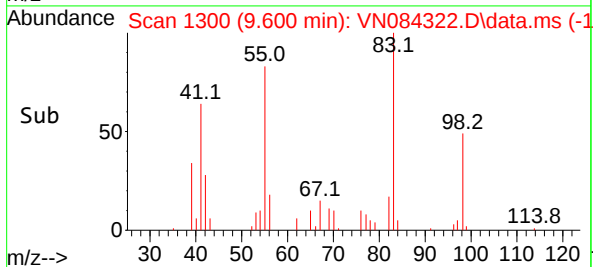
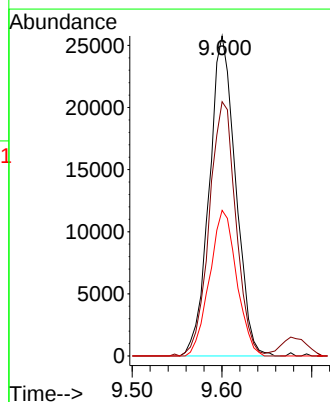
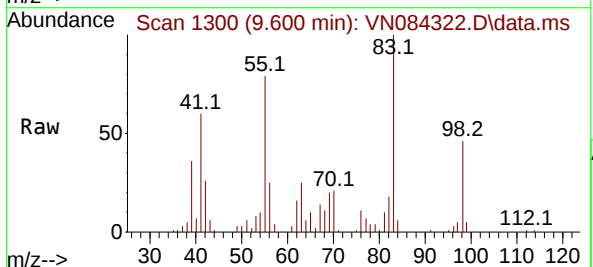
Instrument :
MSVOA_N
ClientSampleId :

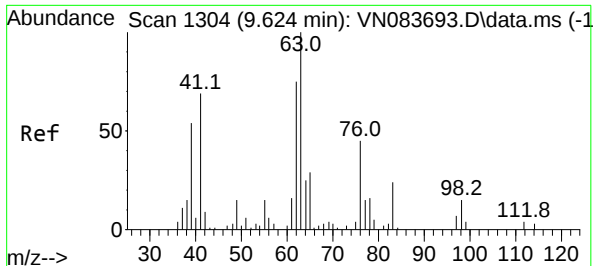
Tgt Ion:130 Resp: 37253
Ion Ratio Lower Upper
130 100
95 99.9 80.2 120.4



#38
Methylcyclohexane
Concen: 16.738 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VN084322.D
Acq: 04 Oct 2024 18:20

Tgt Ion: 83 Resp: 52559
Ion Ratio Lower Upper
83 100
55 79.9 36.6 109.9
98 46.6 23.8 71.5





#39

1,2-Dichloropropane

Concen: 21.676 ug/l

RT: 9.618 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN084322.D

Acq: 04 Oct 2024 18:20

Instrument :

MSVOA_N

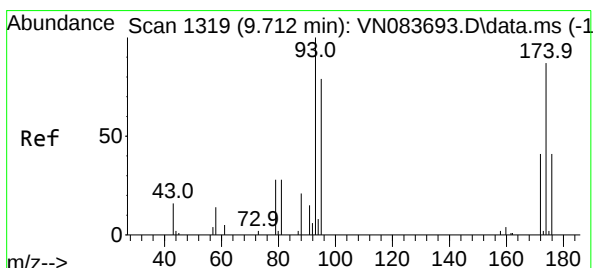
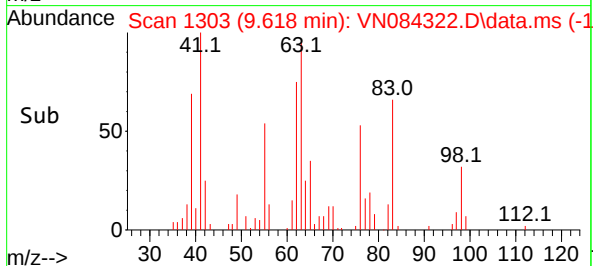
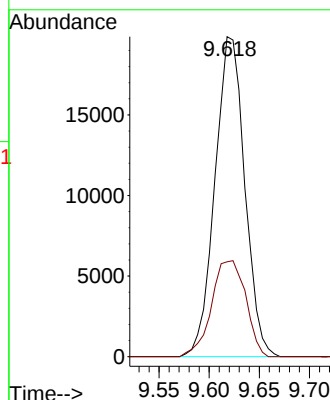
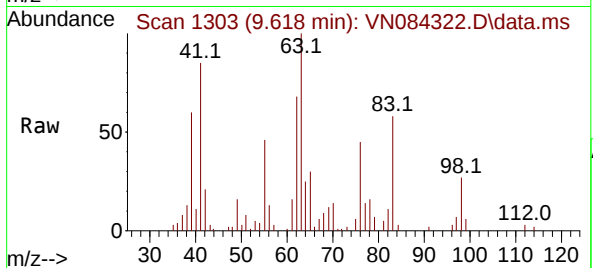
ClientSampleId :

Tgt Ion: 63 Resp: 41056

Ion Ratio Lower Upper

63 100

65 29.7 25.0 37.4



#40

Dibromomethane

Concen: 20.209 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN084322.D

Acq: 04 Oct 2024 18:20

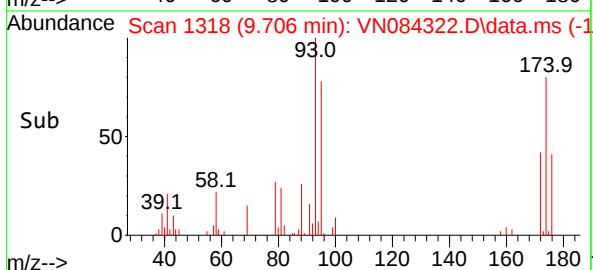
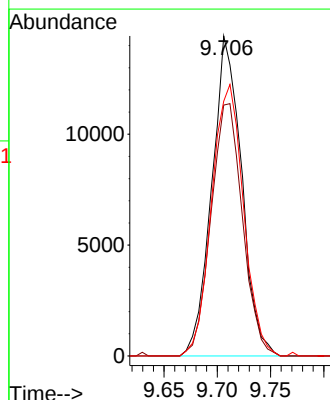
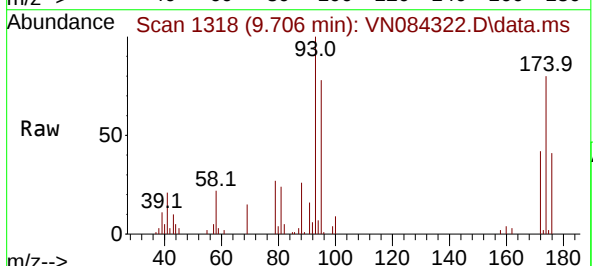
Tgt Ion: 93 Resp: 27987

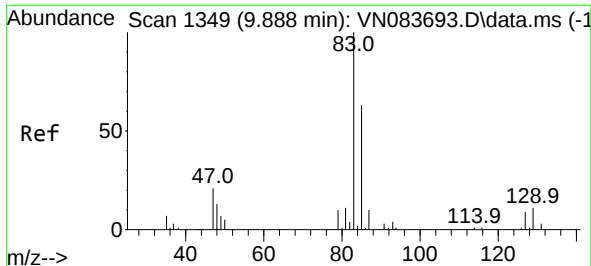
Ion Ratio Lower Upper

93 100

95 83.5 0.0 164.6

174 90.9 0.0 193.2

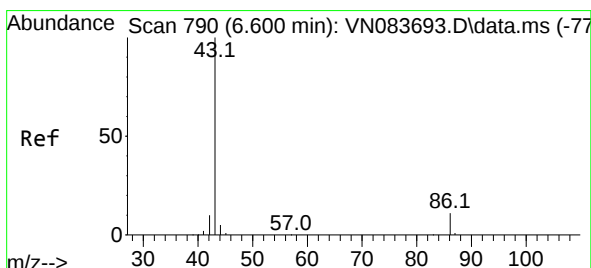
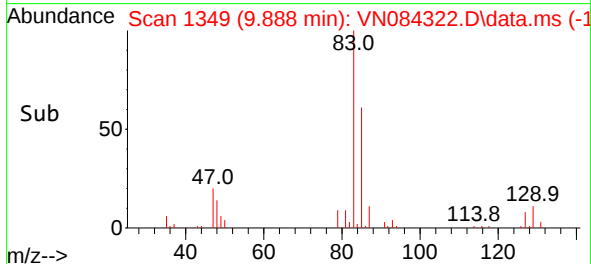
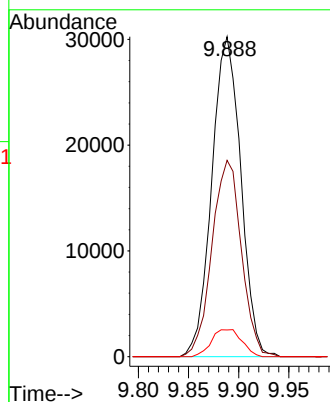
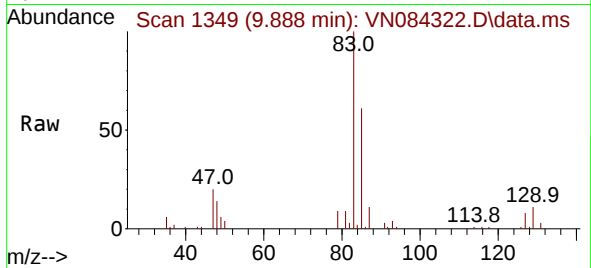




#41
Bromodichloromethane
Concen: 20.641 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084322.D
Acq: 04 Oct 2024 18:20

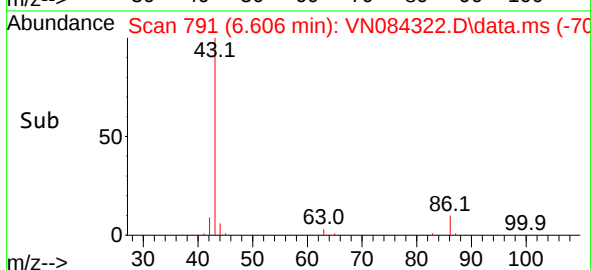
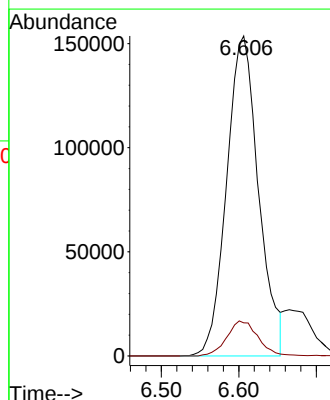
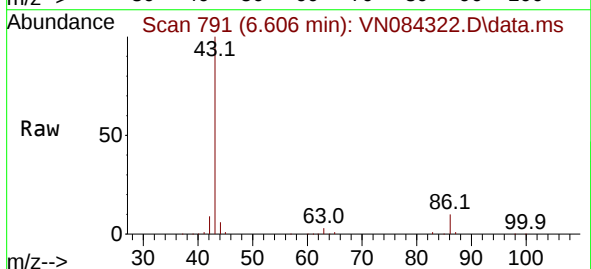
Instrument :
MSVOA_N
ClientSampleId :

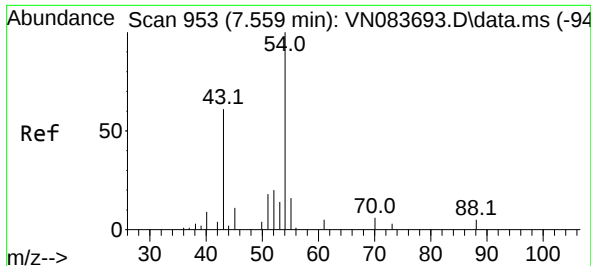
Tgt Ion: 83 Resp: 60788
Ion Ratio Lower Upper
83 100
85 61.4 49.4 74.2
127 8.3 7.3 10.9



#42
Vinyl Acetate
Concen: 86.785 ug/l
RT: 6.606 min Scan# 791
Delta R.T. 0.006 min
Lab File: VN084322.D
Acq: 04 Oct 2024 18:20

Tgt Ion: 43 Resp: 441161
Ion Ratio Lower Upper
43 100
86 10.7 9.4 14.2

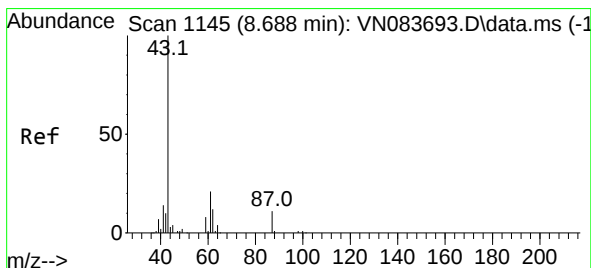
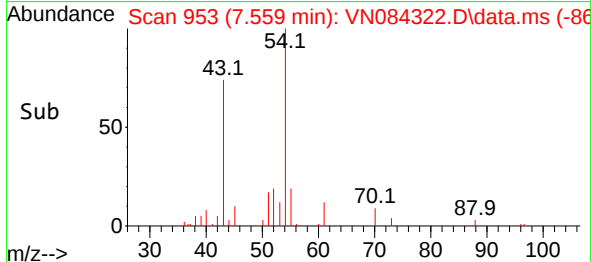
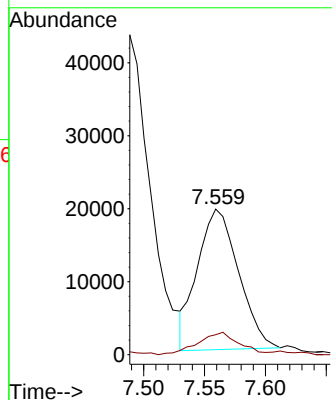
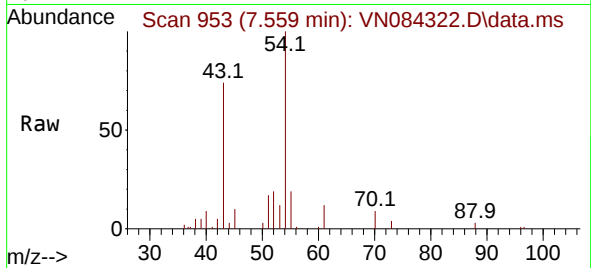




#43
Ethyl Acetate
Concen: 18.176 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN084322.D
Acq: 04 Oct 2024 18:20

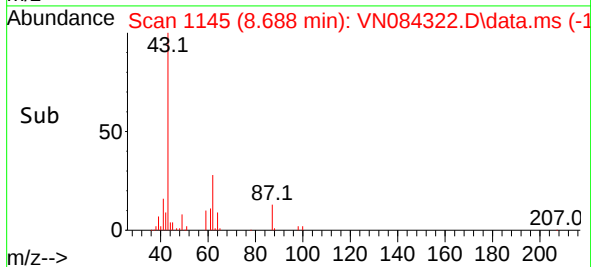
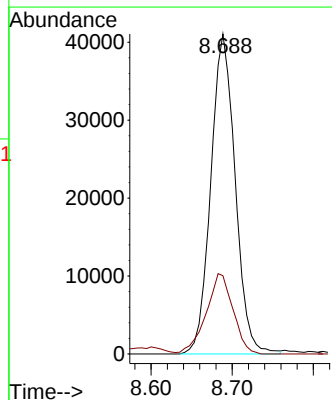
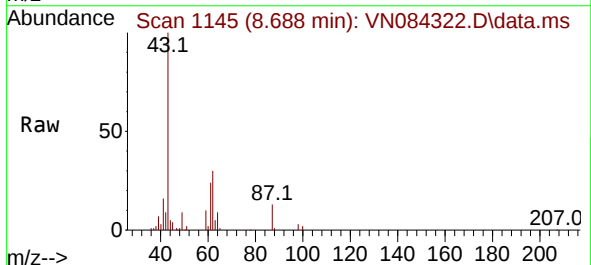
Instrument :
MSVOA_N
ClientSampleId :

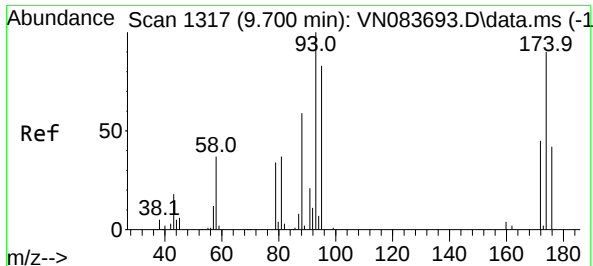
Tgt Ion: 43 Resp: 45231
Ion Ratio Lower Upper
43 100
45 15.9 10.6 15.8#



#44
Isopropyl Acetate
Concen: 19.907 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN084322.D
Acq: 04 Oct 2024 18:20

Tgt Ion: 43 Resp: 85686
Ion Ratio Lower Upper
43 100
61 27.6 25.0 37.4

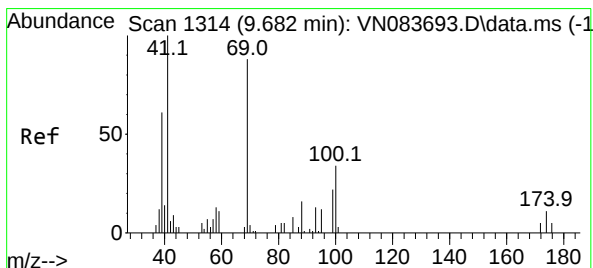
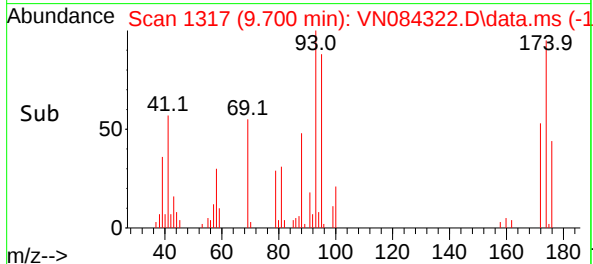
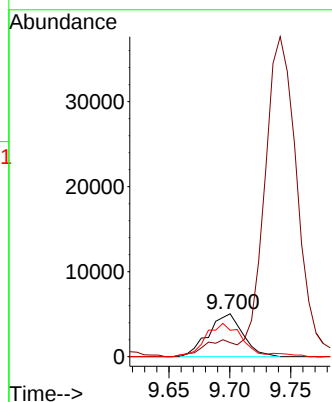
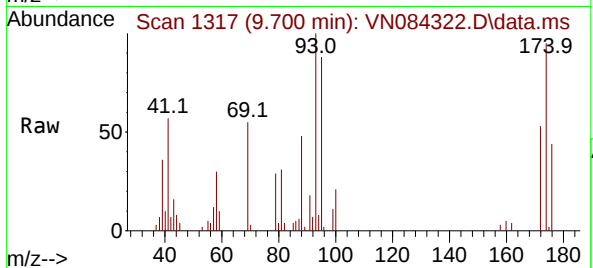




#45
1,4-Dioxane
Concen: 294.715 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084322.D
Acq: 04 Oct 2024 18:20

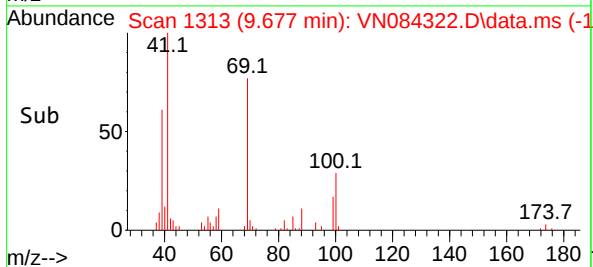
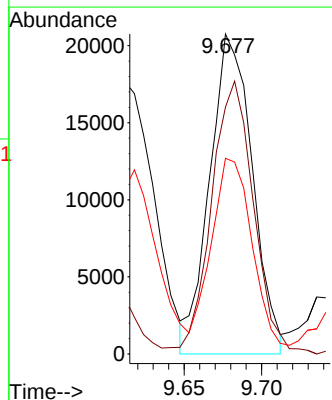
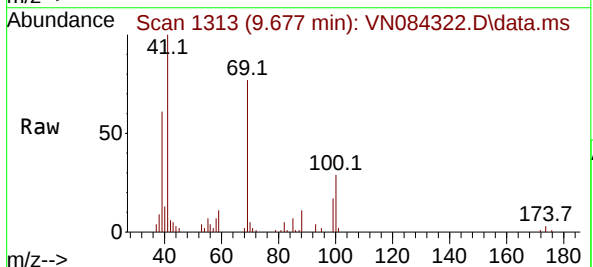
Instrument :
MSVOA_N
ClientSampleId :

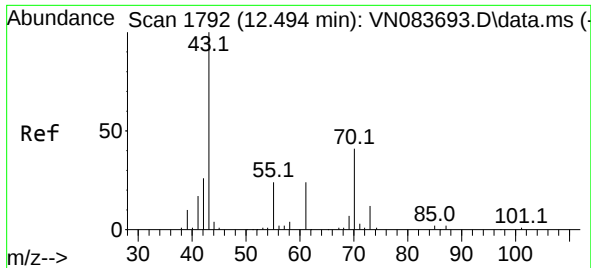
Tgt Ion: 88 Resp: 9894
Ion Ratio Lower Upper
88 100
43 37.1 19.8 29.6#
58 80.4 55.4 83.0



#46
Methyl methacrylate
Concen: 19.005 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.006 min
Lab File: VN084322.D
Acq: 04 Oct 2024 18:20

Tgt Ion: 41 Resp: 39595
Ion Ratio Lower Upper
41 100
69 79.9 51.1 153.3
39 61.5 25.8 77.3

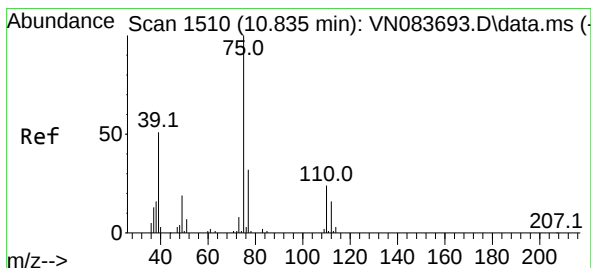
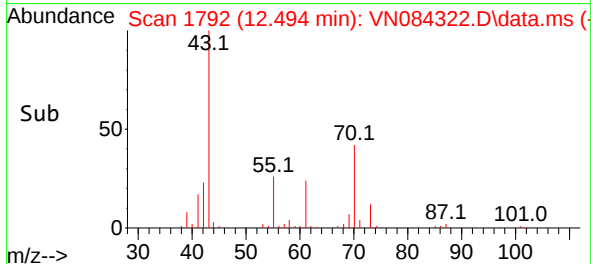
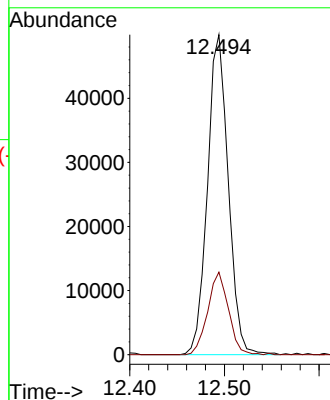
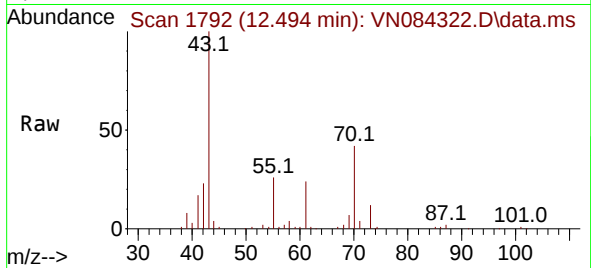




#47
n-amyl acetate
Concen: 19.961 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN084322.D
Acq: 04 Oct 2024 18:20

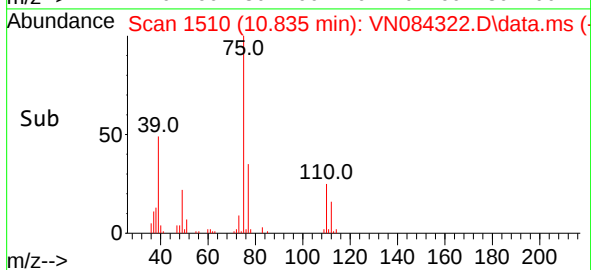
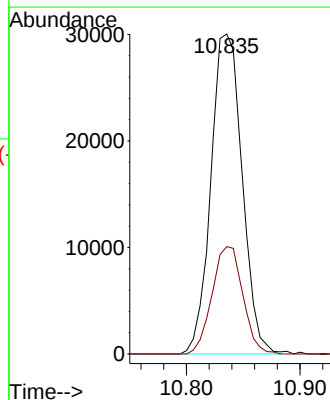
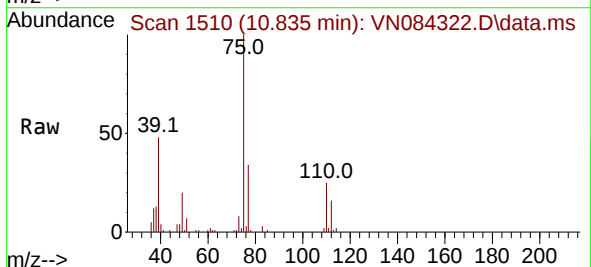
Instrument :
MSVOA_N
ClientSampleId :

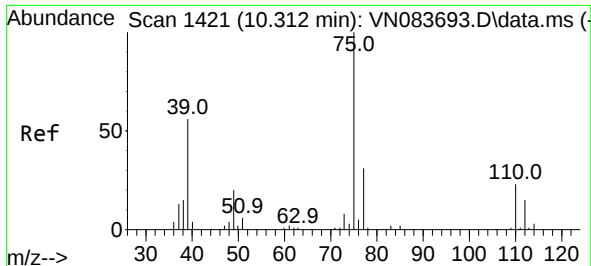
Tgt Ion: 43 Resp: 76104
Ion Ratio Lower Upper
43 100
55 25.7 23.4 35.2



#48
t-1,3-Dichloropropene
Concen: 18.537 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN084322.D
Acq: 04 Oct 2024 18:20

Tgt Ion: 75 Resp: 57423
Ion Ratio Lower Upper
75 100
77 33.6 23.8 35.6





#49

cis-1,3-Dichloropropene

Concen: 19.097 ug/l

RT: 10.312 min Scan# 1421

Delta R.T. 0.000 min

Lab File: VN084322.D

Acq: 04 Oct 2024 18:20

Instrument :

MSVOA_N

ClientSampleId :

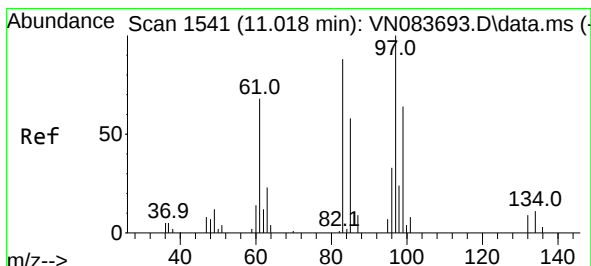
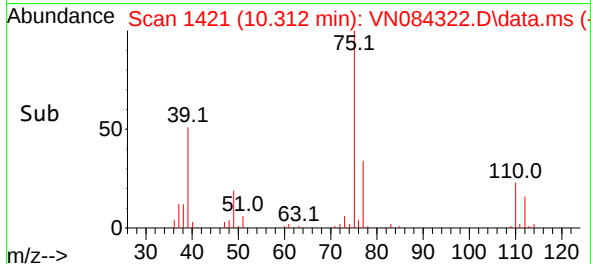
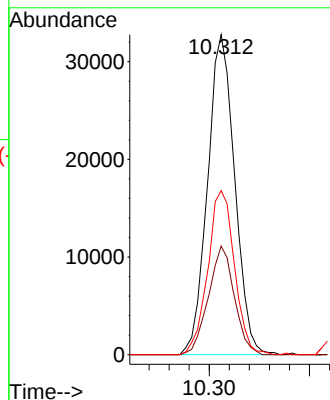
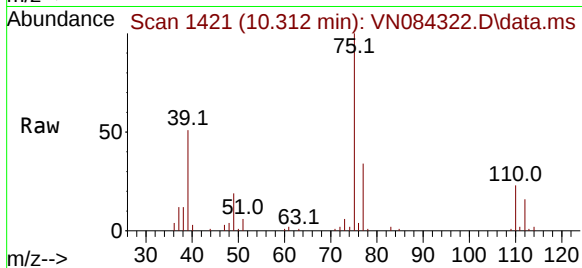
Tgt Ion: 75 Resp: 61522

Ion Ratio Lower Upper

75 100

77 33.9 24.9 37.3

39 51.2 31.0 46.6#



#50

1,1,2-Trichloroethane

Concen: 21.269 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.000 min

Lab File: VN084322.D

Acq: 04 Oct 2024 18:20

Tgt Ion: 97 Resp: 37480

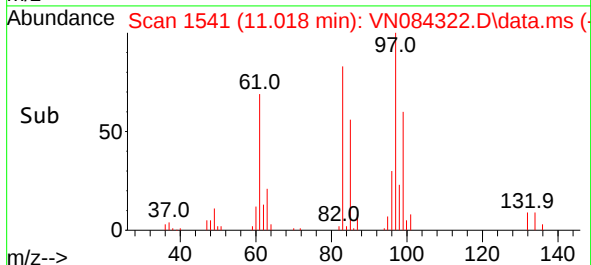
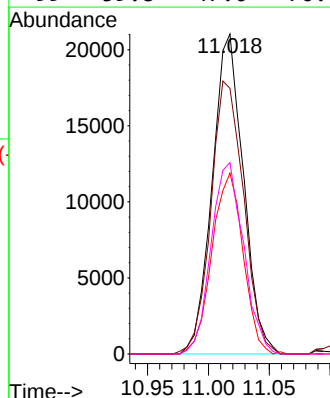
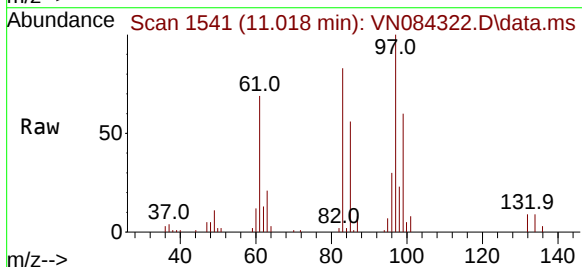
Ion Ratio Lower Upper

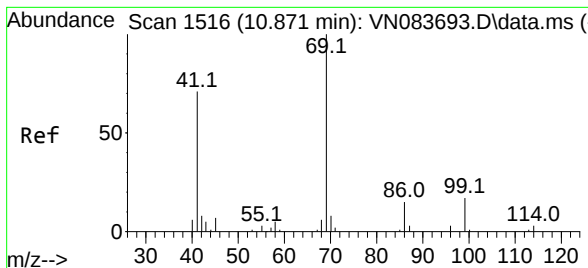
97 100

83 83.0 68.1 102.1

85 56.5 41.8 62.6

99 59.8 47.0 70.4

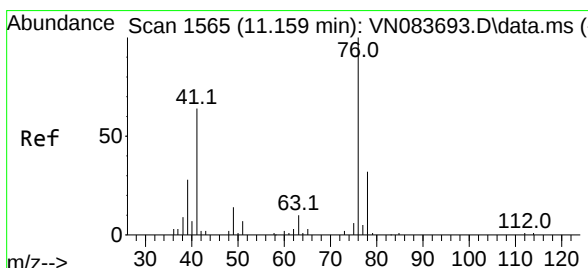
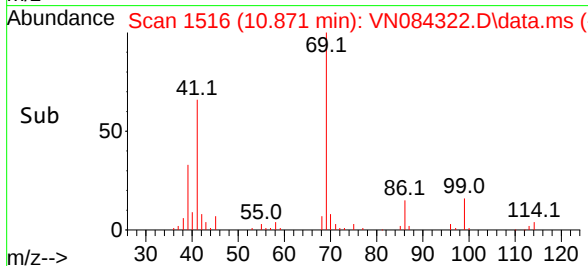
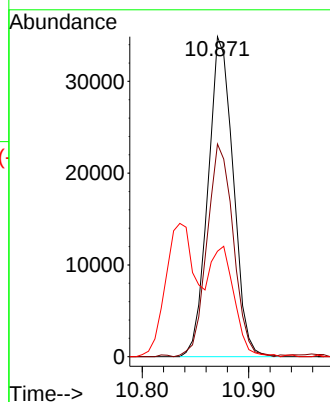
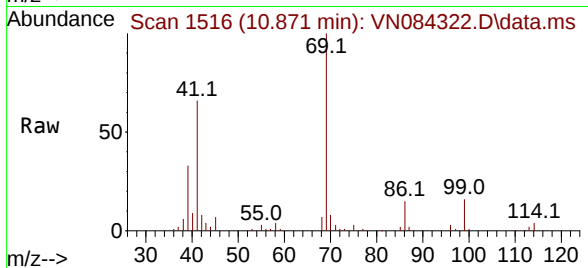




#51
Ethyl methacrylate
Concen: 19.039 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN084322.D
Acq: 04 Oct 2024 18:20

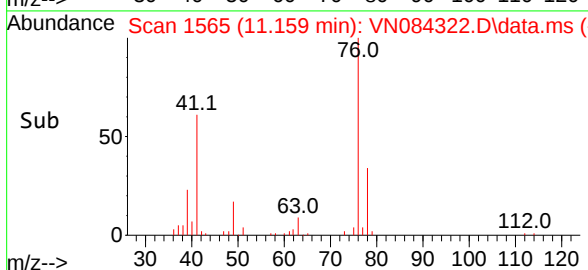
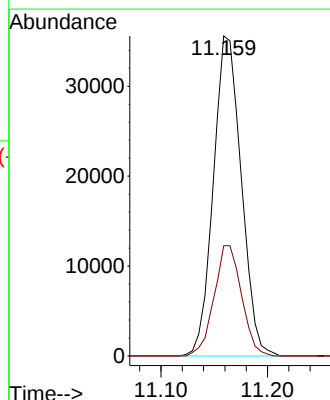
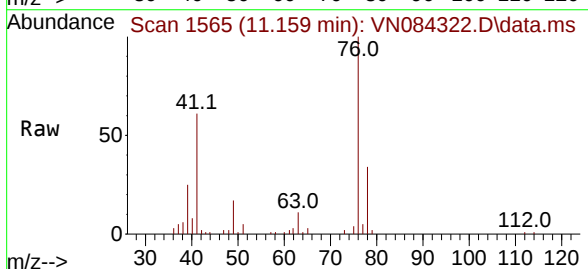
Instrument :
MSVOA_N
ClientSampleId :

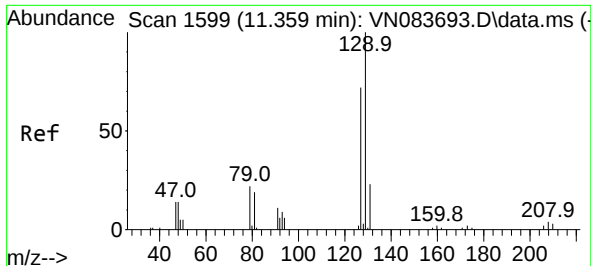
Tgt Ion: 69 Resp: 57320
Ion Ratio Lower Upper
69 100
41 65.9 25.5 76.5
39 32.9 16.0 47.9



#52
1,3-Dichloropropane
Concen: 20.356 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN084322.D
Acq: 04 Oct 2024 18:20

Tgt Ion: 76 Resp: 64780
Ion Ratio Lower Upper
76 100
78 33.9 0.0 65.8

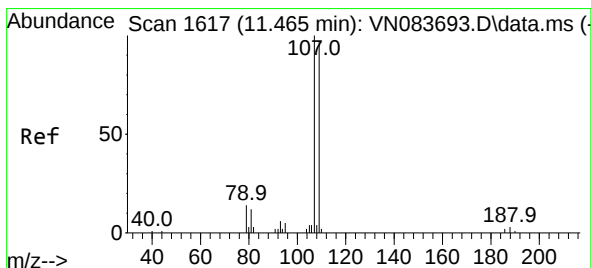
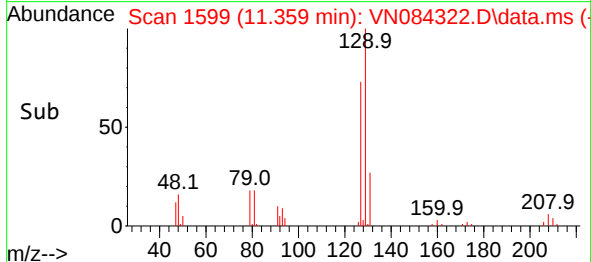
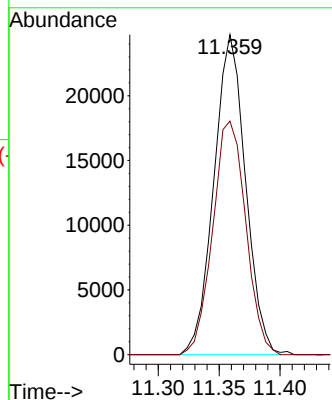
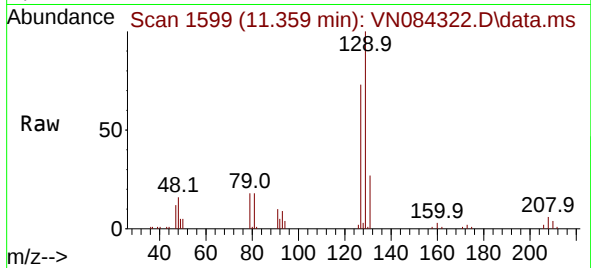




#53
Dibromochloromethane
Concen: 21.152 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN084322.D
Acq: 04 Oct 2024 18:20

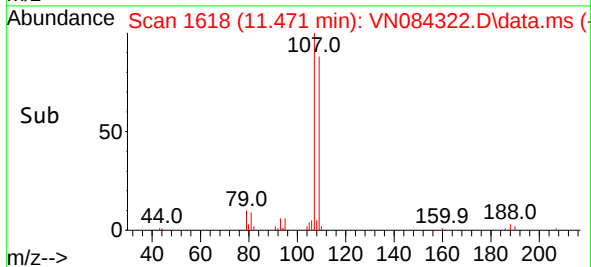
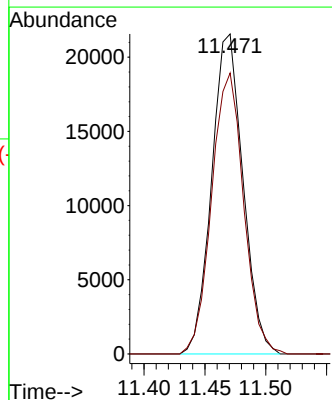
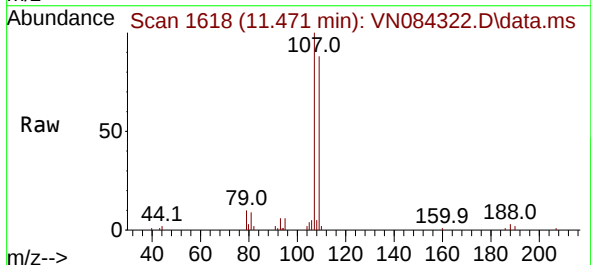
Instrument :
MSVOA_N
ClientSampleId :

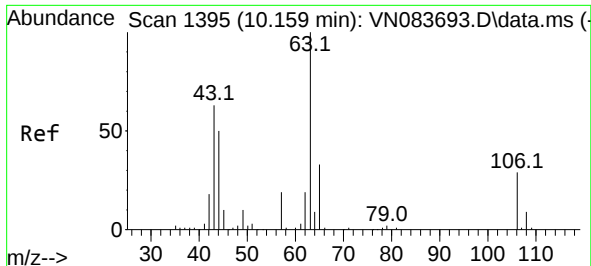
Tgt Ion:129 Resp: 44708
Ion Ratio Lower Upper
129 100
127 76.2 39.4 118.1



#54
1,2-Dibromoethane
Concen: 21.207 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.006 min
Lab File: VN084322.D
Acq: 04 Oct 2024 18:20

Tgt Ion:107 Resp: 38661
Ion Ratio Lower Upper
107 100
109 89.6 74.7 112.1

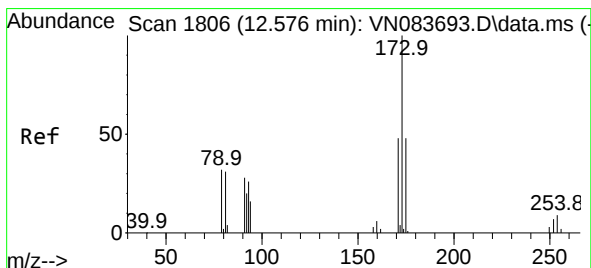
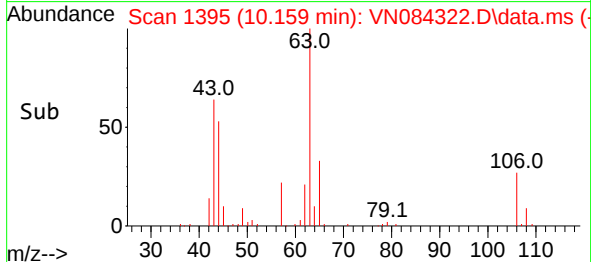
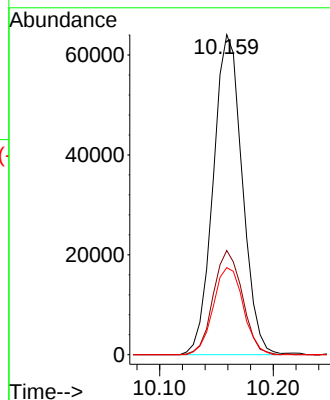
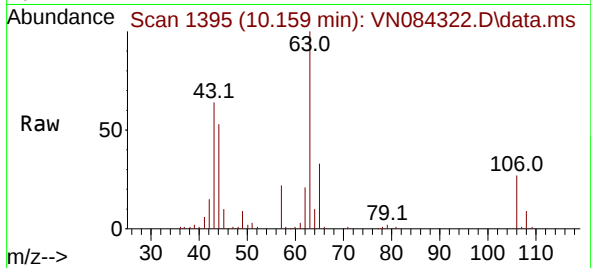




#55
2-Chloroethyl vinyl ether
Concen: 94.945 ug/l
RT: 10.159 min Scan# 113919
Delta R.T. 0.000 min
Lab File: VN084322.D
Acq: 04 Oct 2024 18:20

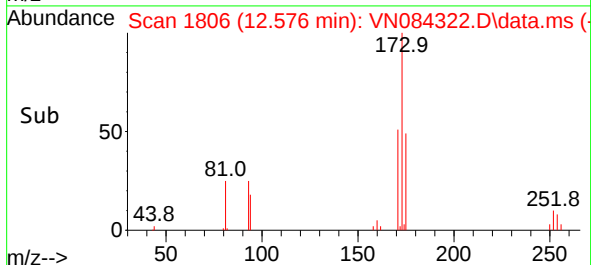
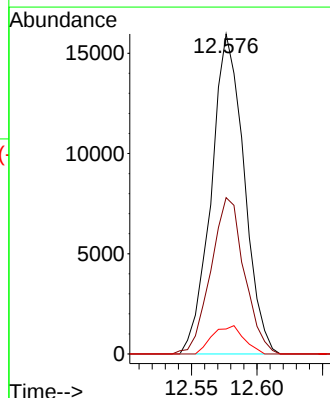
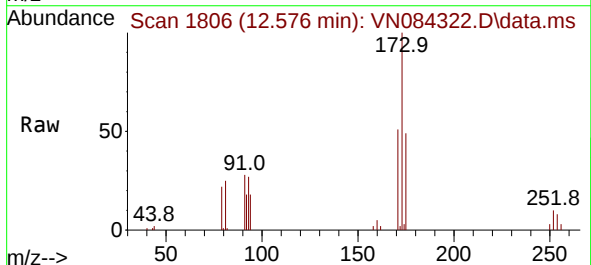
Instrument :
MSVOA_N
ClientSampleId :

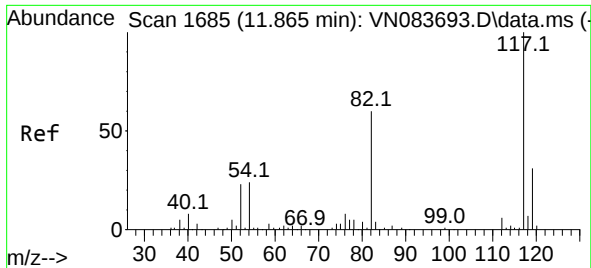
Tgt Ion: 63 Resp: 113919
Ion Ratio Lower Upper
63 100
65 32.4 26.2 39.2
106 28.1 23.8 35.8



#56
Bromoform
Concen: 20.702 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN084322.D
Acq: 04 Oct 2024 18:20

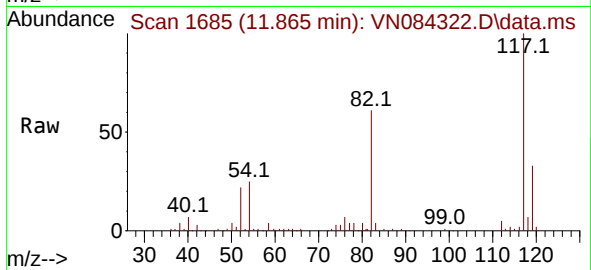
Tgt Ion:173 Resp: 27800
Ion Ratio Lower Upper
173 100
175 49.7 40.0 60.0
254 8.5 8.3 12.5



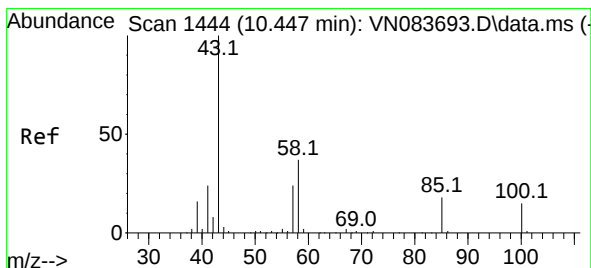
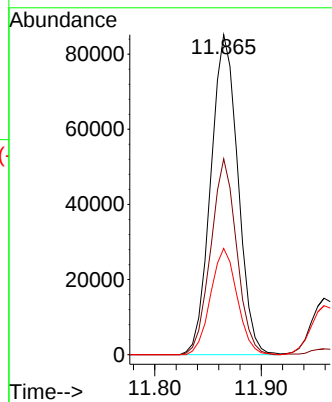
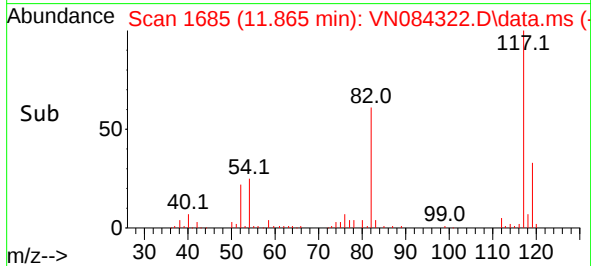


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN084322.D
Acq: 04 Oct 2024 18:20

Instrument :
MSVOA_N
ClientSampleId :

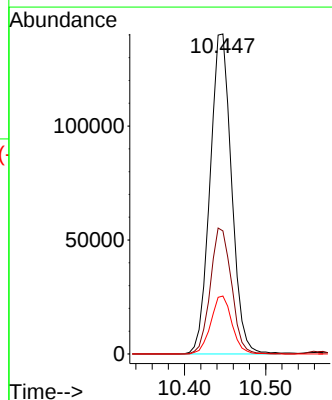
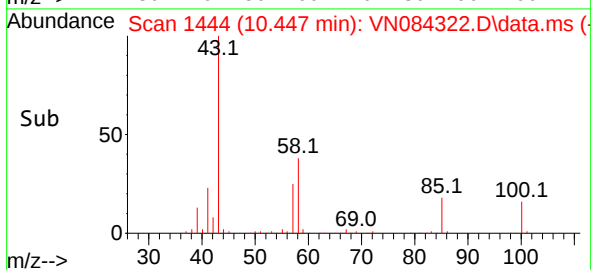
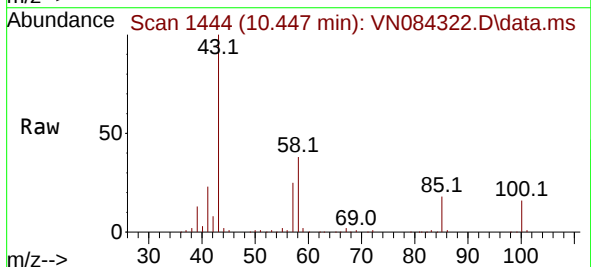


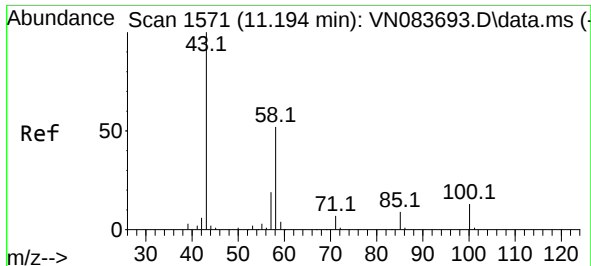
Tgt Ion:117 Resp: 150724
Ion Ratio Lower Upper
117 100
82 58.4 46.6 69.8
119 32.5 25.4 38.2



#58
4-Methyl-2-Pentanone
Concen: 108.406 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN084322.D
Acq: 04 Oct 2024 18:20

Tgt Ion: 43 Resp: 259080
Ion Ratio Lower Upper
43 100
58 38.7 36.5 54.7
85 17.7 19.5 29.3#

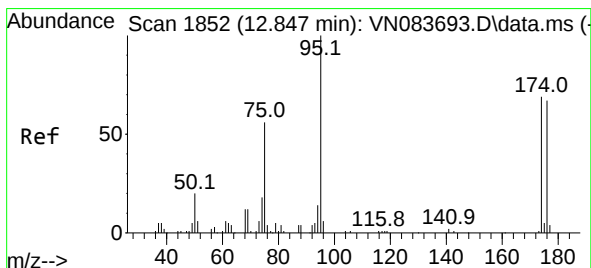
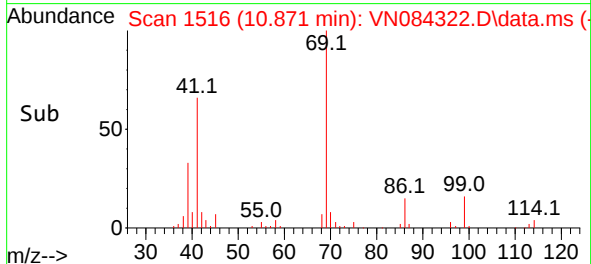
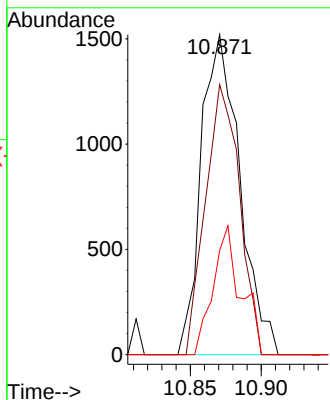
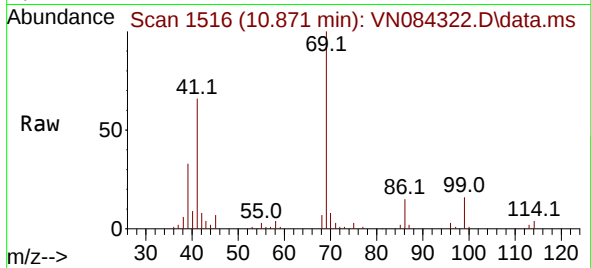




#59
2-Hexanone
Concen: 1.590 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.323 min
Lab File: VN084322.D
Acq: 04 Oct 2024 18:20

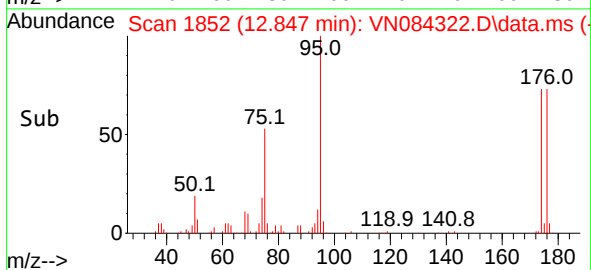
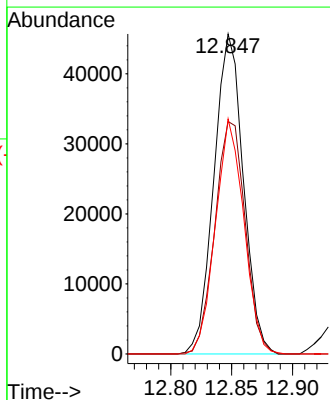
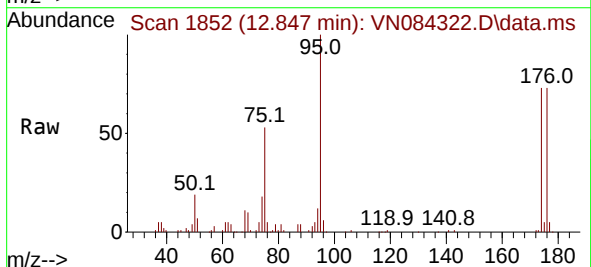
Instrument :
MSVOA_N
ClientSampleId :

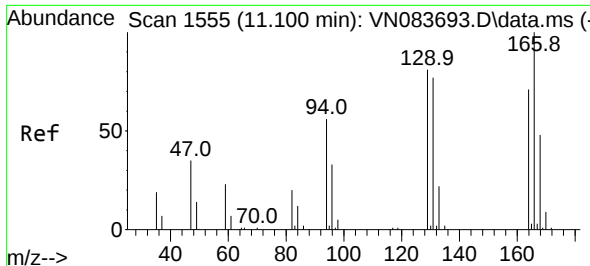
Tgt Ion: 43 Resp: 2871
Ion Ratio Lower Upper
43 100
58 74.4 50.4 75.6
57 25.4 18.6 27.8



#60
4-Bromofluorobenzene
Concen: 29.578 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084322.D
Acq: 04 Oct 2024 18:20

Tgt Ion: 95 Resp: 76834
Ion Ratio Lower Upper
95 100
174 75.0 60.5 90.7
176 71.0 57.8 86.6

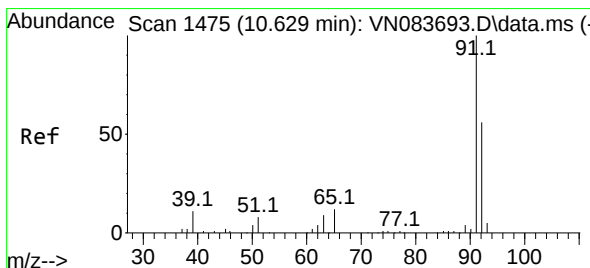
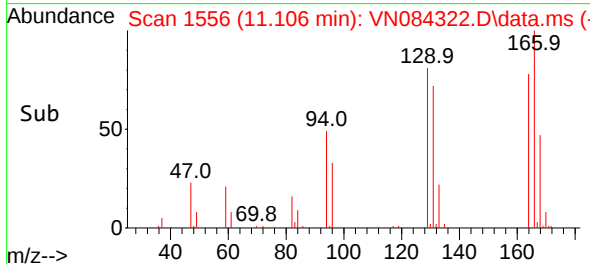
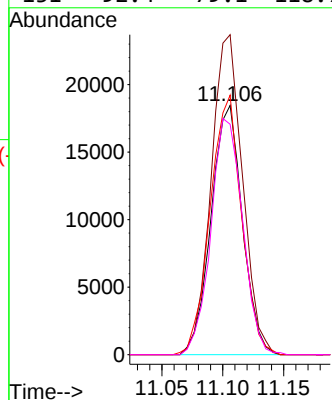
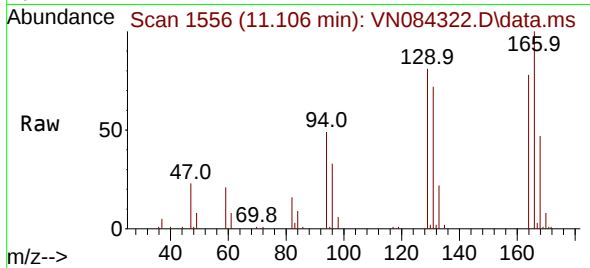




#61
Tetrachloroethene
Concen: 20.688 ug/l
RT: 11.106 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN084322.D
Acq: 04 Oct 2024 18:20

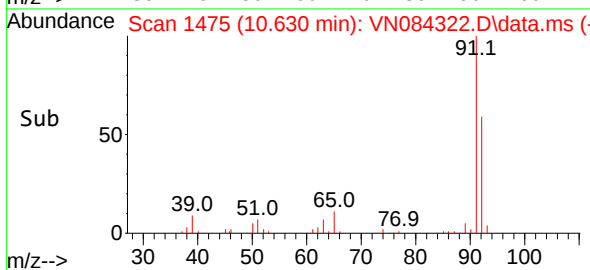
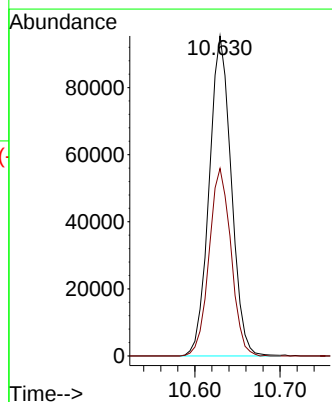
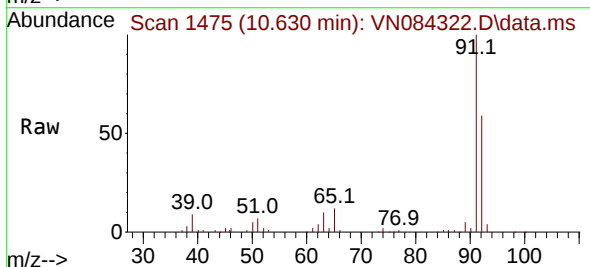
Instrument :
MSVOA_N
ClientSampleId :

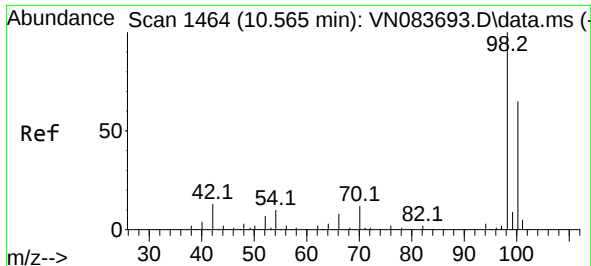
Tgt Ion:164 Resp: 33001
Ion Ratio Lower Upper
164 100
166 128.4 106.7 160.1
129 104.1 85.8 128.6
131 92.4 79.1 118.7



#62
Toluene
Concen: 19.876 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN084322.D
Acq: 04 Oct 2024 18:20

Tgt Ion: 91 Resp: 172195
Ion Ratio Lower Upper
91 100
92 58.0 46.5 69.7

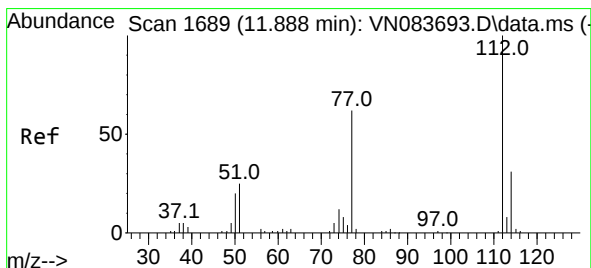
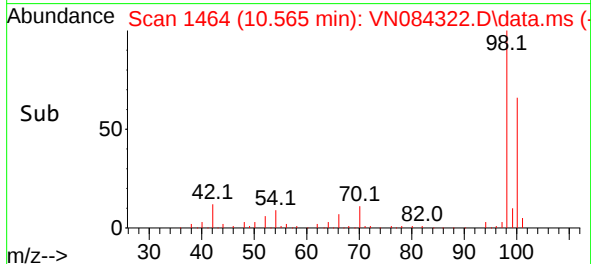
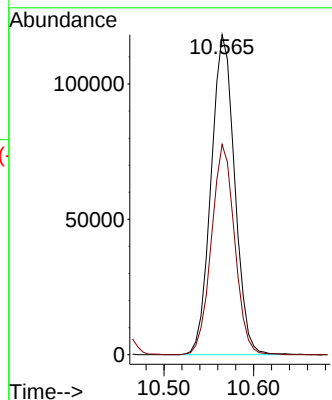
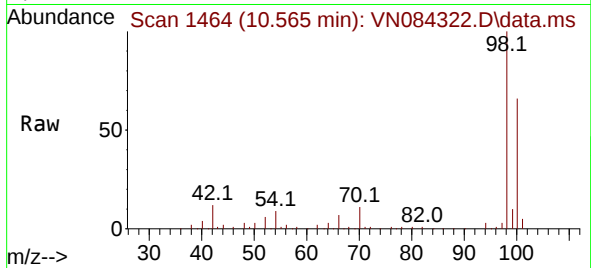




#63
Toluene-d8
Concen: 30.862 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084322.D
Acq: 04 Oct 2024 18:20

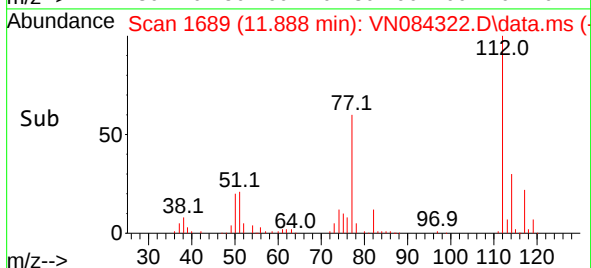
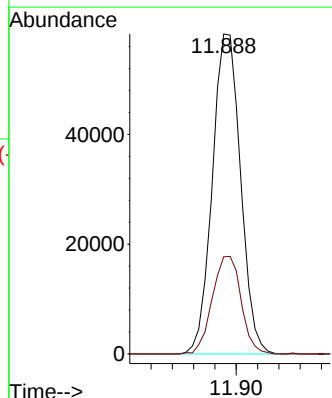
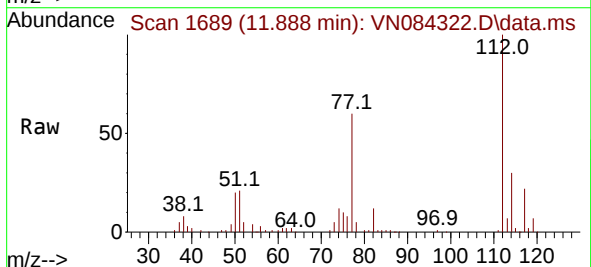
Instrument :
MSVOA_N
ClientSampleId :

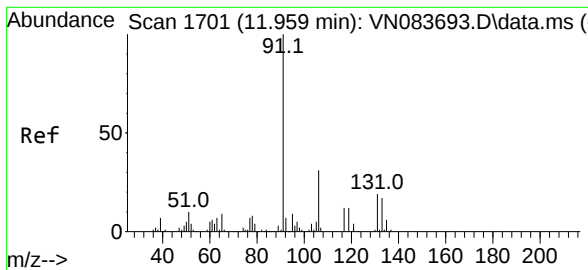
Tgt Ion: 98 Resp: 215391
Ion Ratio Lower Upper
98 100
100 64.9 52.7 79.1



#64
Chlorobenzene
Concen: 19.988 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN084322.D
Acq: 04 Oct 2024 18:20

Tgt Ion:112 Resp: 107212
Ion Ratio Lower Upper
112 100
114 30.4 26.6 39.8

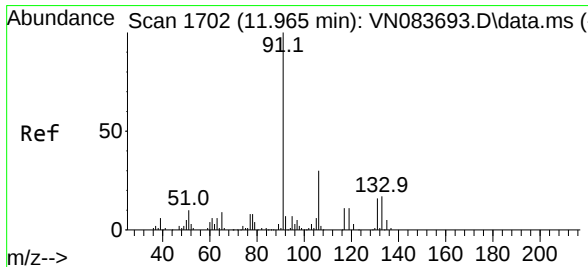
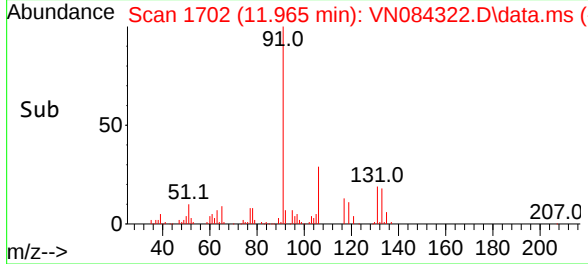
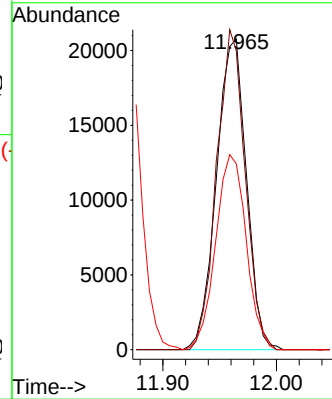
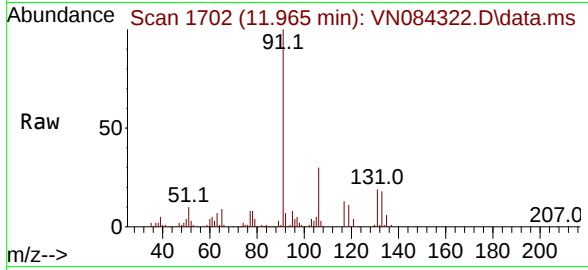




#65
1,1,1,2-Tetrachloroethane
Concen: 20.405 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN084322.D
Acq: 04 Oct 2024 18:20

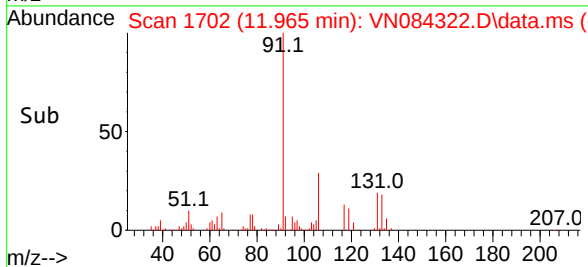
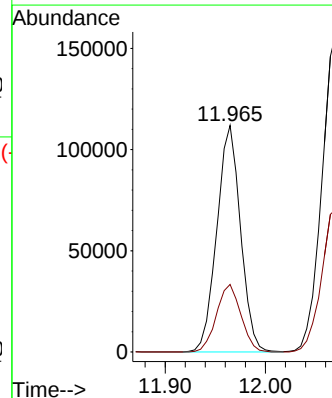
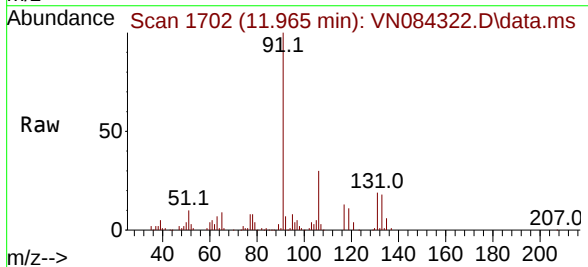
Instrument :
MSVOA_N
ClientSampleId :

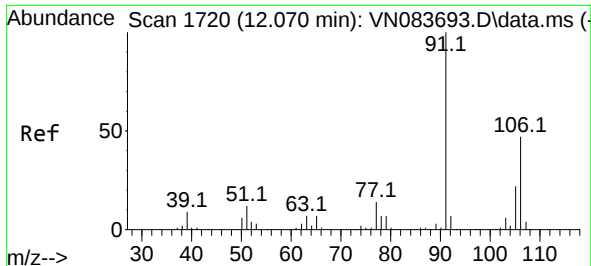
Tgt Ion:131 Resp: 38127
Ion Ratio Lower Upper
131 100
133 97.7 0.0 188.0
119 64.0 0.0 122.8



#66
Ethyl Benzene
Concen: 18.637 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN084322.D
Acq: 04 Oct 2024 18:20

Tgt Ion: 91 Resp: 183610
Ion Ratio Lower Upper
91 100
106 29.8 24.4 36.6





#67

m/p-Xylenes

Concen: 38.510 ug/l

RT: 12.071 min Scan# 1720

Delta R.T. 0.000 min

Lab File: VN084322.D

Acq: 04 Oct 2024 18:20

Instrument :

MSVOA_N

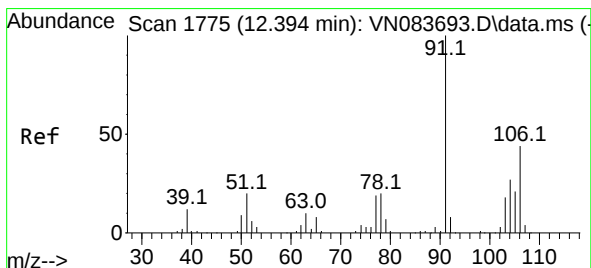
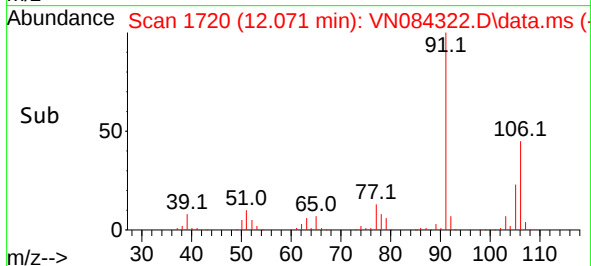
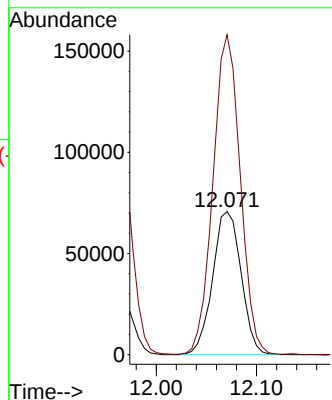
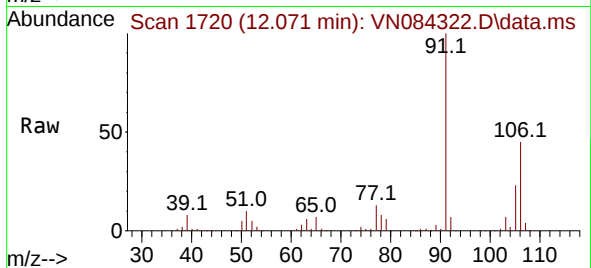
ClientSampleId :

Tgt Ion:106 Resp: 139585

Ion Ratio Lower Upper

106 100

91 214.1 166.6 249.8



#68

o-Xylene

Concen: 19.391 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VN084322.D

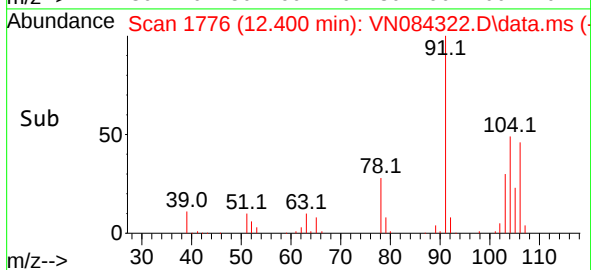
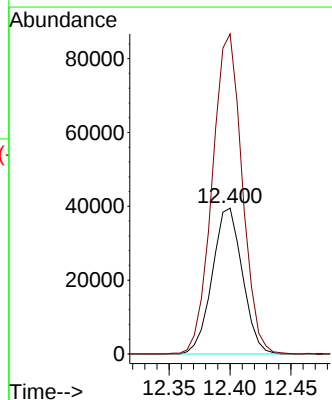
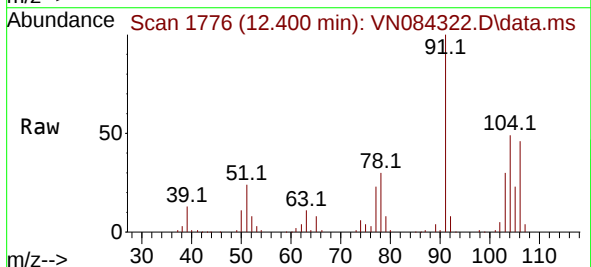
Acq: 04 Oct 2024 18:20

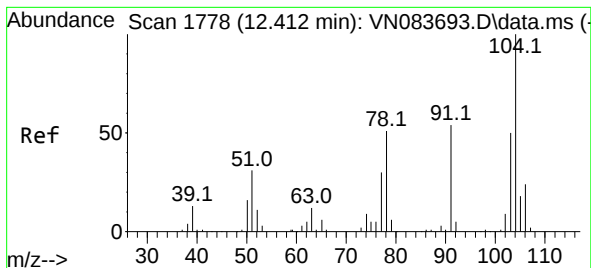
Tgt Ion:106 Resp: 68025

Ion Ratio Lower Upper

106 100

91 217.5 110.0 330.0





#69

Styrene

Concen: 19.458 ug/l

RT: 12.412 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN084322.D

Acq: 04 Oct 2024 18:20

Instrument :

MSVOA_N

ClientSampleId :

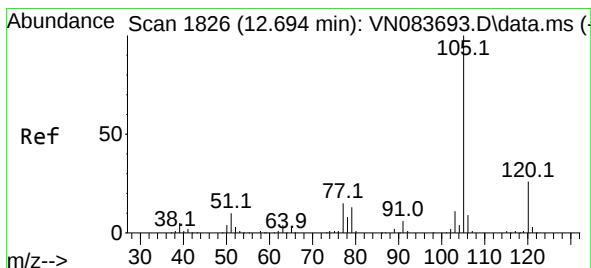
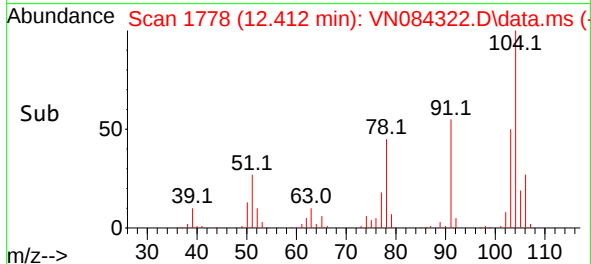
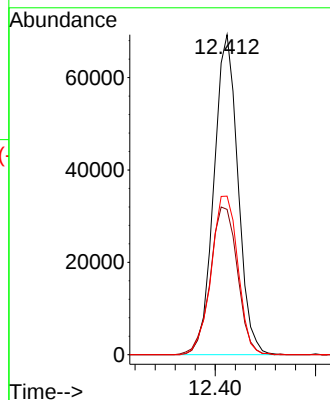
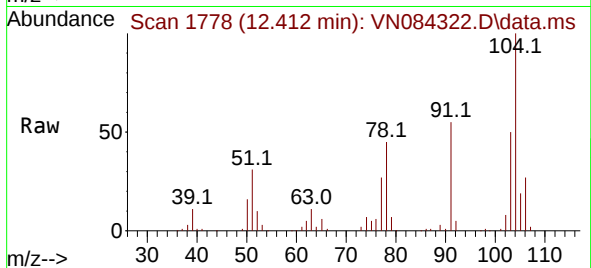
Tgt Ion:104 Resp: 115337

Ion Ratio Lower Upper

104 100

78 52.3 42.6 64.0

103 54.9 43.7 65.5



#70

Isopropylbenzene

Concen: 18.556 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN084322.D

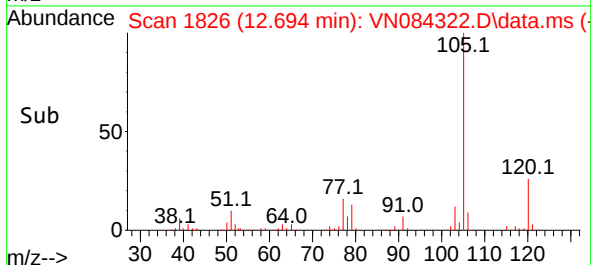
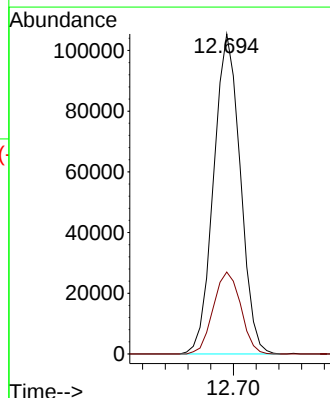
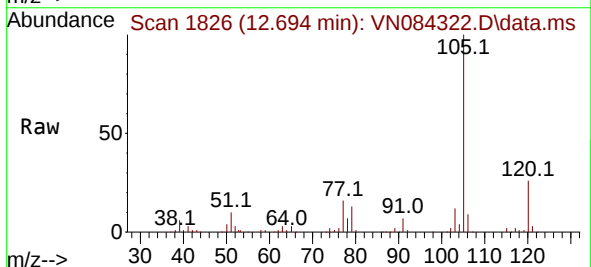
Acq: 04 Oct 2024 18:20

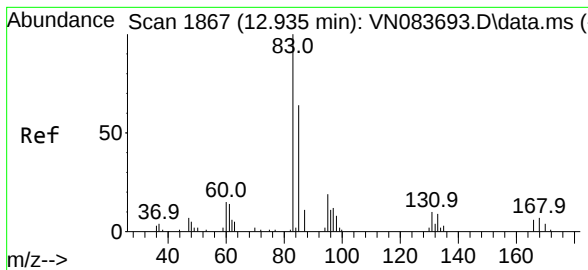
Tgt Ion:105 Resp: 171780

Ion Ratio Lower Upper

105 100

120 26.3 17.8 33.1

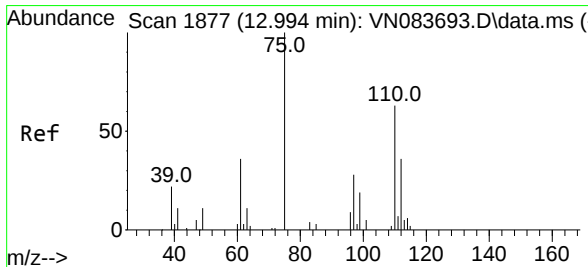
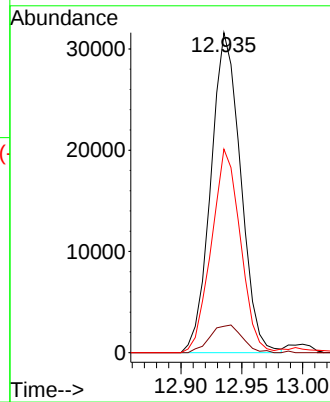
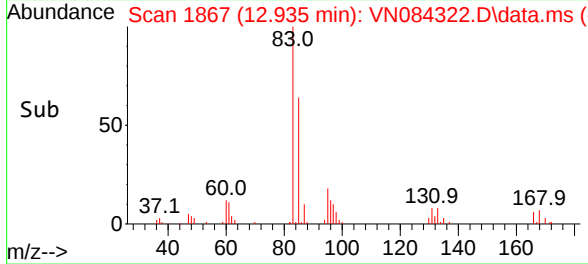
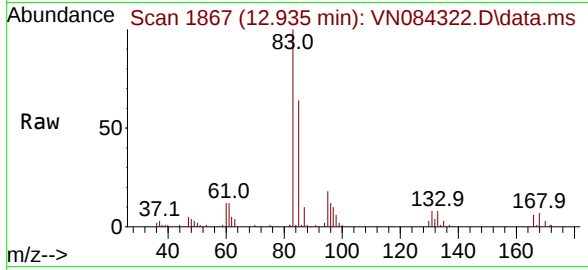




#71
1,1,2,2-Tetrachloroethane
Concen: 21.299 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN084322.D
Acq: 04 Oct 2024 18:20

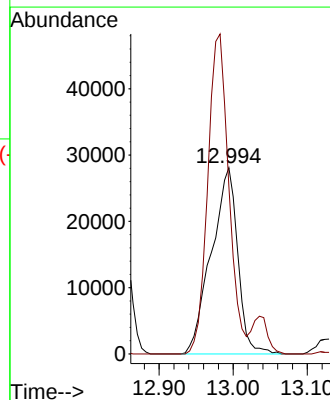
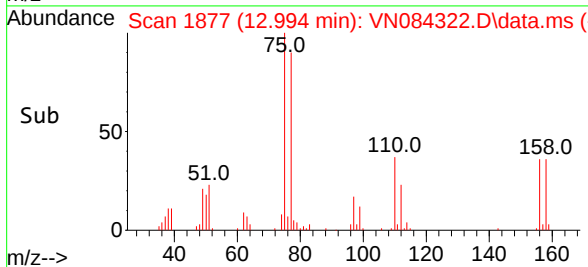
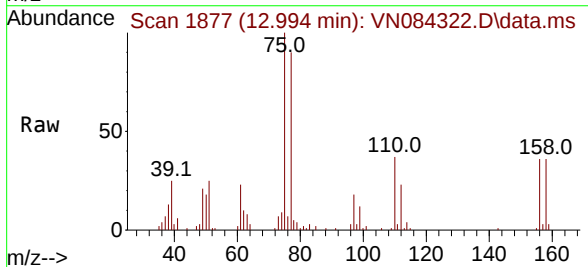
Instrument :
MSVOA_N
ClientSampleId :

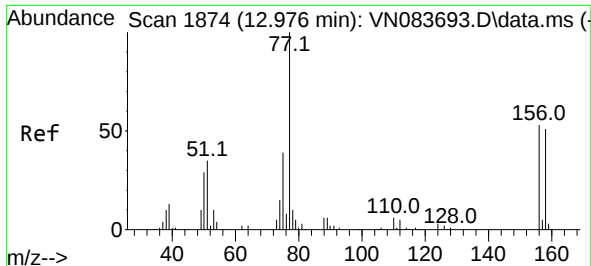
Tgt Ion: 83 Resp: 53854
Ion Ratio Lower Upper
83 100
131 9.3 5.2 15.6
85 61.9 32.3 96.8



#72
1,2,3-Trichloropropane
Concen: 31.313 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN084322.D
Acq: 04 Oct 2024 18:20

Tgt Ion: 75 Resp: 69416
Ion Ratio Lower Upper
75 100
77 136.6 0.0 367.6

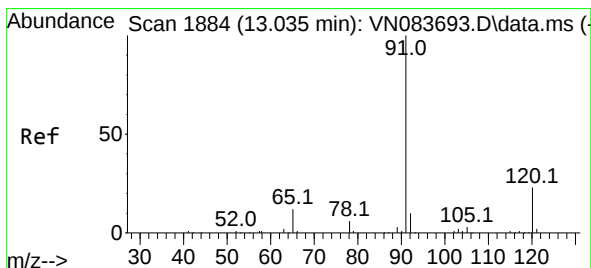
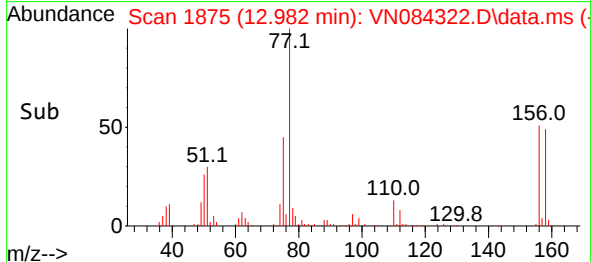
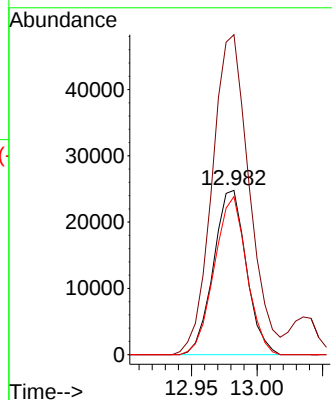
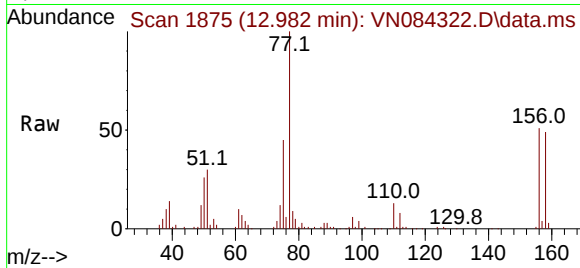




#73
Bromobenzene
Concen: 20.265 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.006 min
Lab File: VN084322.D
Acq: 04 Oct 2024 18:20

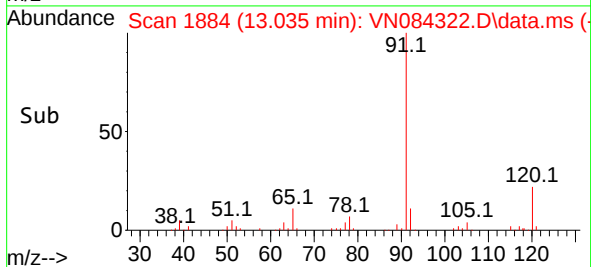
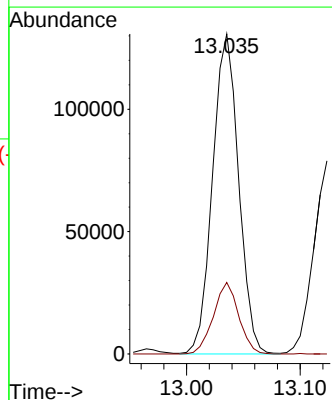
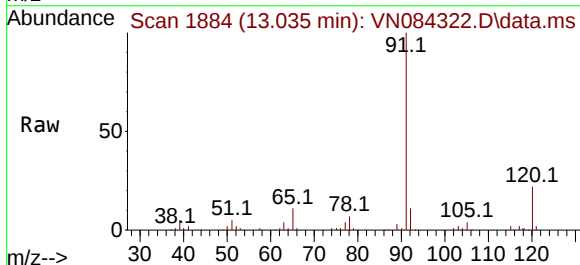
Instrument :
MSVOA_N
ClientSampleId :

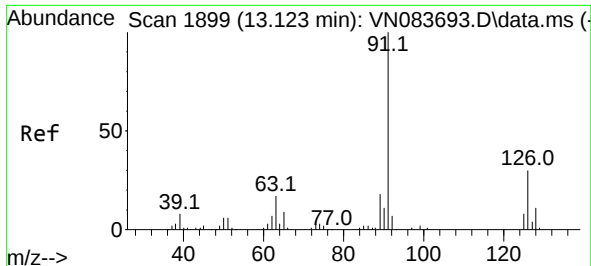
Tgt Ion:156 Resp: 43090
Ion Ratio Lower Upper
156 100
77 220.1 0.0 437.6
158 94.8 0.0 203.8



#74
n-propylbenzene
Concen: 19.208 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN084322.D
Acq: 04 Oct 2024 18:20

Tgt Ion: 91 Resp: 208160
Ion Ratio Lower Upper
91 100
120 21.7 0.0 43.8

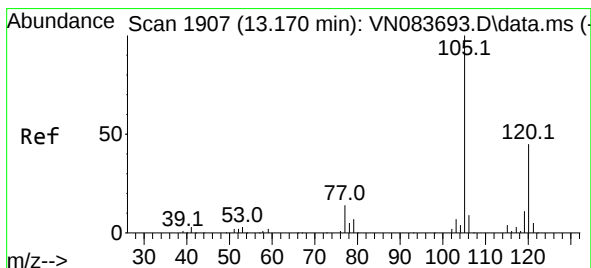
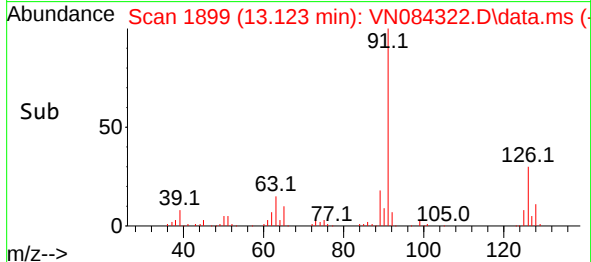
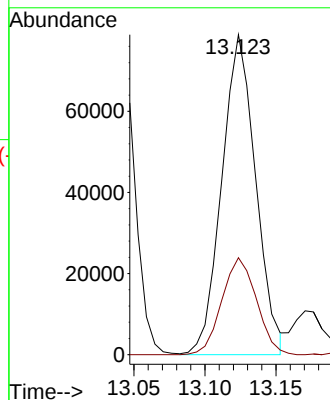
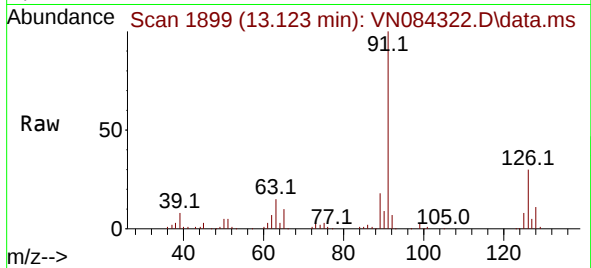




#75
2-Chlorotoluene
Concen: 19.354 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN084322.D
Acq: 04 Oct 2024 18:20

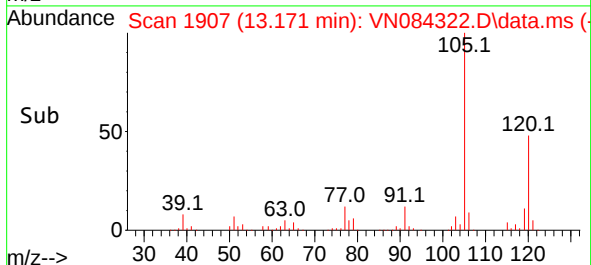
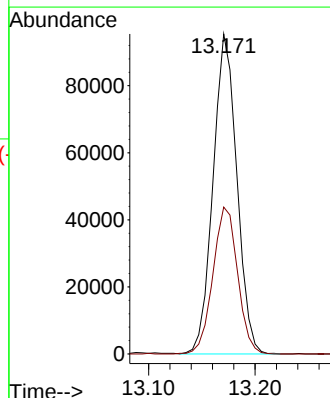
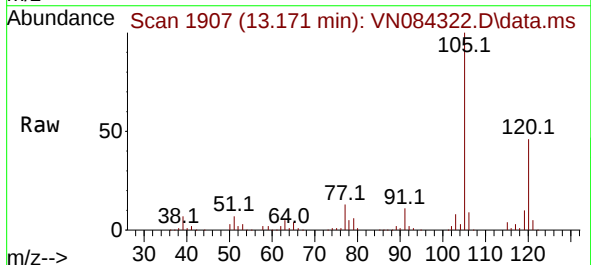
Instrument :
MSVOA_N
ClientSampleId :

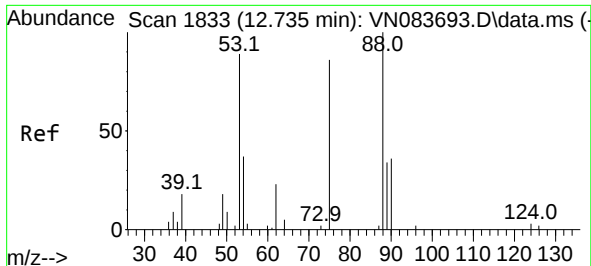
Tgt Ion: 91 Resp: 130906
Ion Ratio Lower Upper
91 100
126 30.9 0.0 61.2



#76
1,3,5-Trimethylbenzene
Concen: 19.164 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN084322.D
Acq: 04 Oct 2024 18:20

Tgt Ion: 105 Resp: 148196
Ion Ratio Lower Upper
105 100
120 47.6 0.0 95.8





#77

t-1,4-Dichloro-2-butene

Concen: 19.068 ug/l

RT: 12.735 min Scan# 1833

Delta R.T. 0.000 min

Lab File: VN084322.D

Acq: 04 Oct 2024 18:20

Instrument :

MSVOA_N

ClientSampleId :

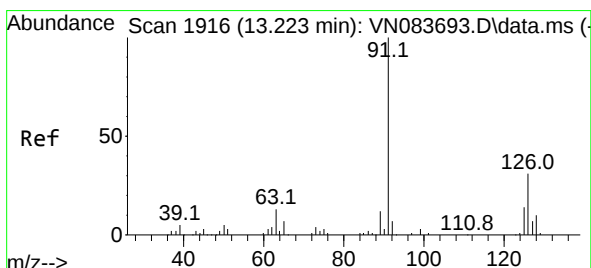
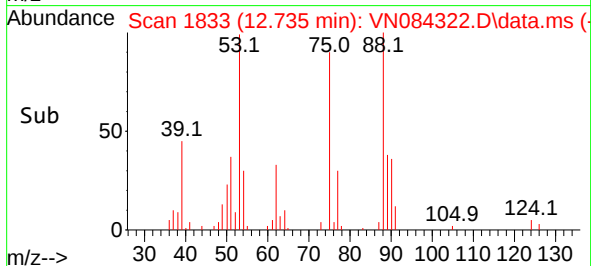
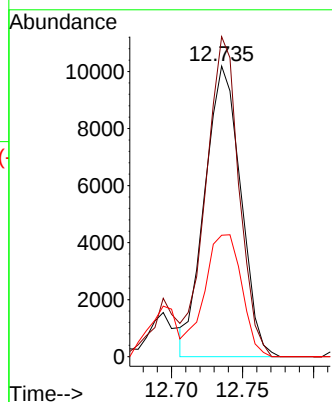
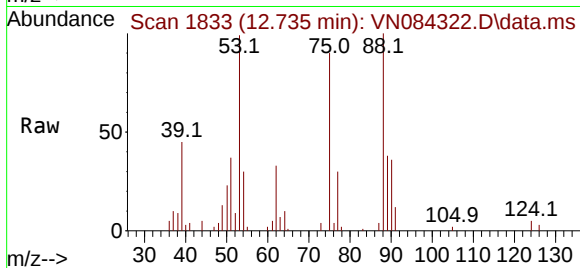
Tgt Ion: 75 Resp: 17867

Ion Ratio Lower Upper

75 100

53 110.1 45.9 137.7

89 41.8 25.9 77.7



#78

4-Chlorotoluene

Concen: 19.260 ug/l

RT: 13.218 min Scan# 1915

Delta R.T. -0.006 min

Lab File: VN084322.D

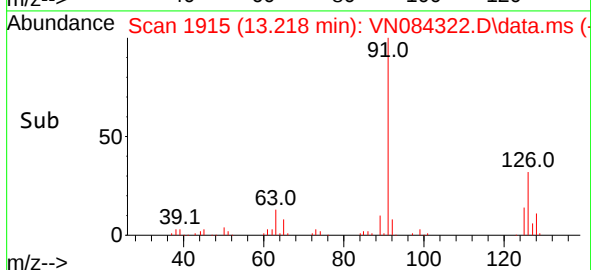
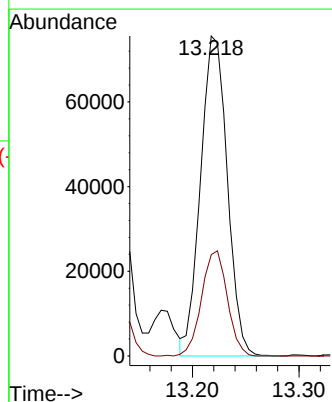
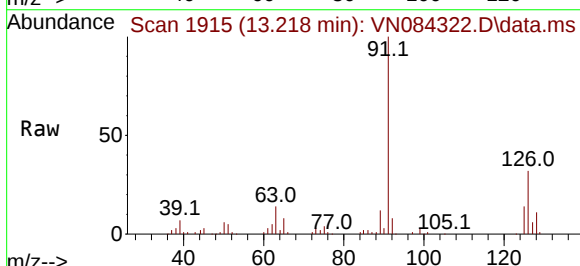
Acq: 04 Oct 2024 18:20

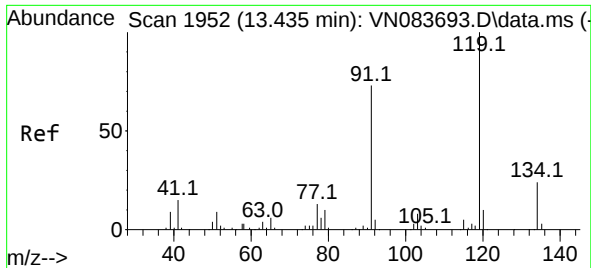
Tgt Ion: 91 Resp: 132112

Ion Ratio Lower Upper

91 100

126 31.6 0.0 62.8

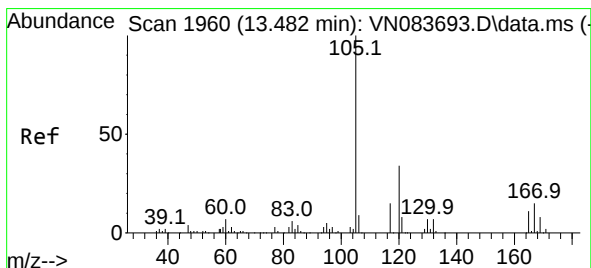
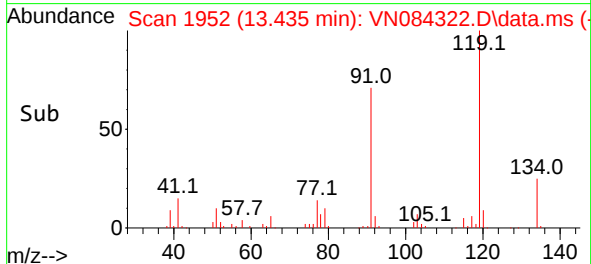
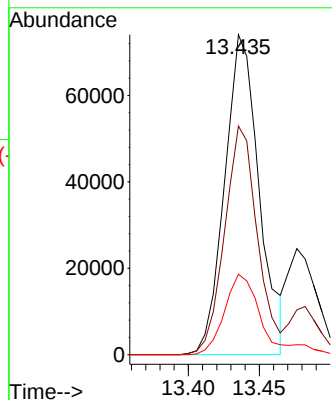
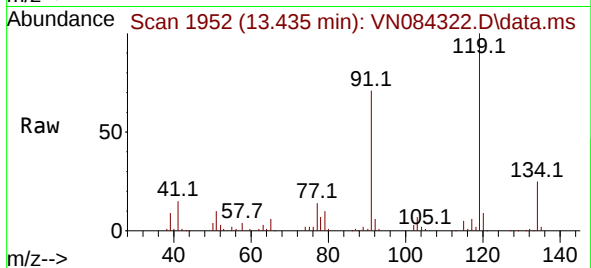




#79
tert-butylbenzene
Concen: 18.516 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN084322.D
Acq: 04 Oct 2024 18:20

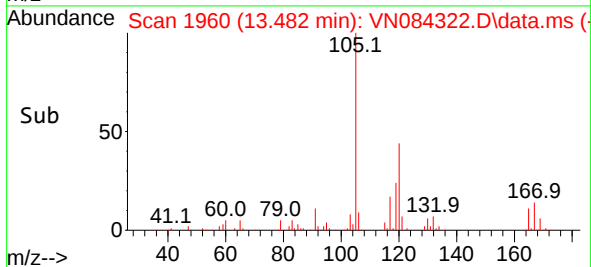
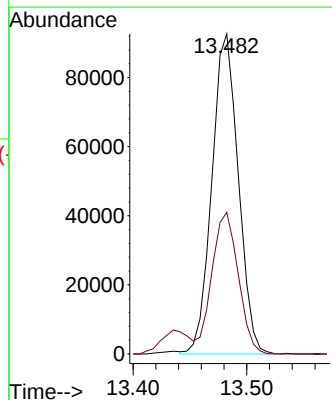
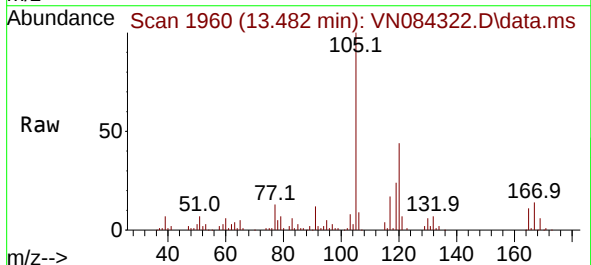
Instrument :
MSVOA_N
ClientSampleId :

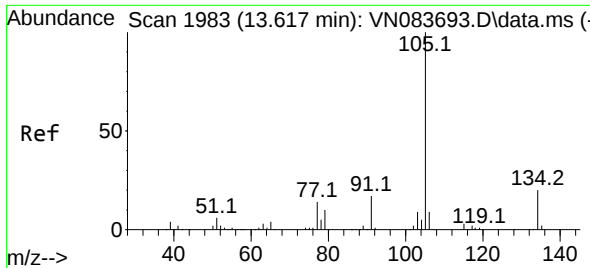
Tgt Ion:119 Resp: 125207
Ion Ratio Lower Upper
119 100
91 68.1 0.0 138.8
134 25.2 0.0 48.6



#80
1,2,4-Trimethylbenzene
Concen: 19.145 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN084322.D
Acq: 04 Oct 2024 18:20

Tgt Ion:105 Resp: 149613
Ion Ratio Lower Upper
105 100
120 44.3 0.0 86.8

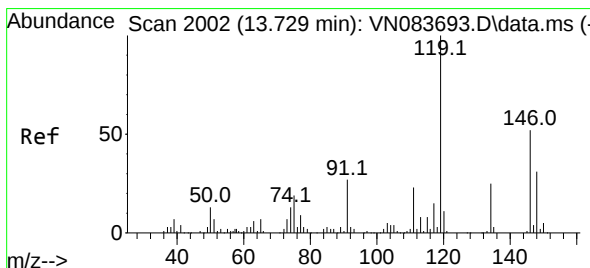
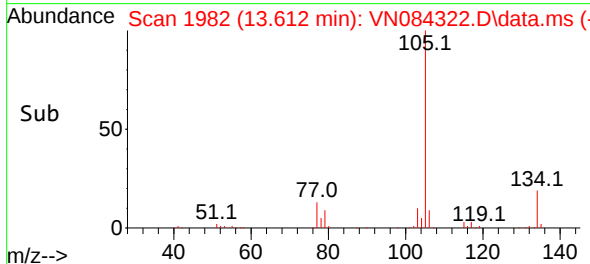
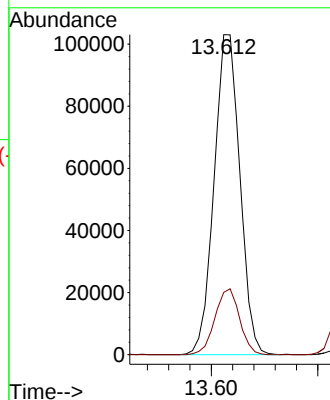
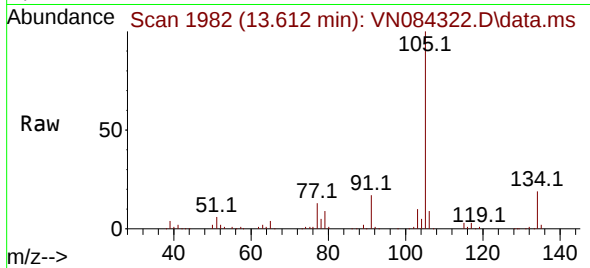




#81
 sec-Butylbenzene
 Concen: 18.721 ug/l
 RT: 13.612 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN084322.D
 Acq: 04 Oct 2024 18:20

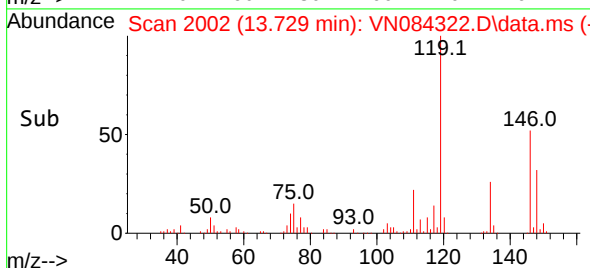
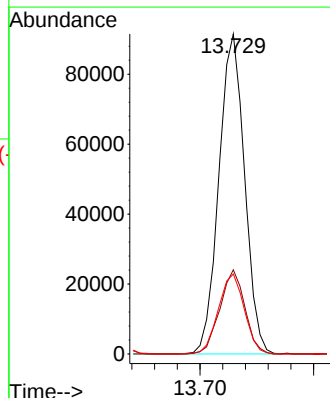
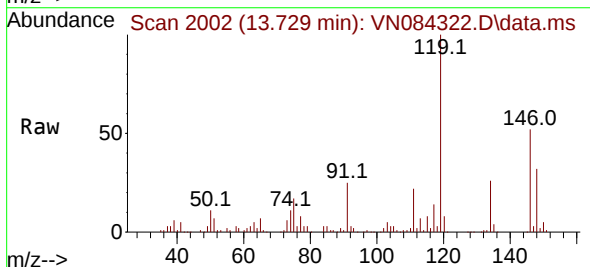
Instrument :
 MSVOA_N
 ClientSampleId :

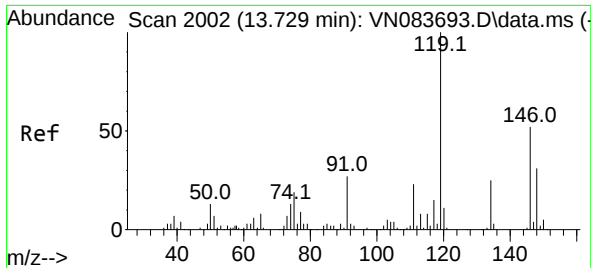
Tgt Ion:105 Resp: 172940
 Ion Ratio Lower Upper
 105 100
 134 19.6 0.0 39.0



#82
 p-Isopropyltoluene
 Concen: 18.491 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN084322.D
 Acq: 04 Oct 2024 18:20

Tgt Ion:119 Resp: 143718
 Ion Ratio Lower Upper
 119 100
 134 25.6 0.0 49.2
 91 25.2 0.0 48.8

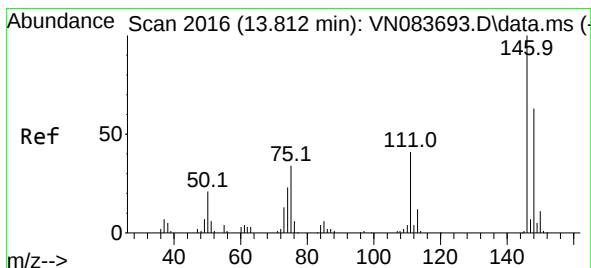
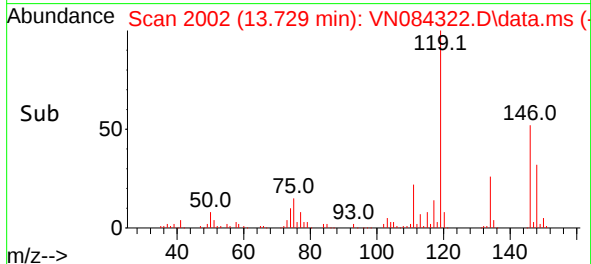
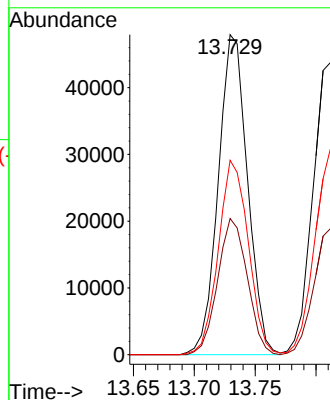
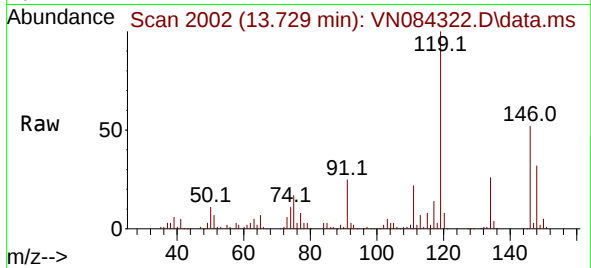




#83
1,3-Dichlorobenzene
Concen: 19.611 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN084322.D
Acq: 04 Oct 2024 18:20

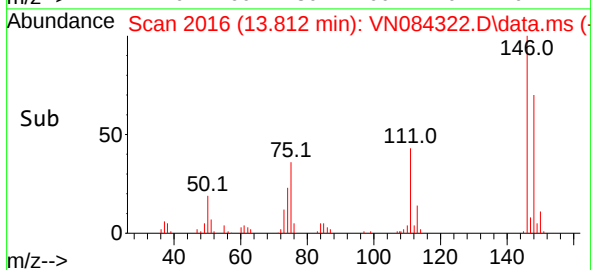
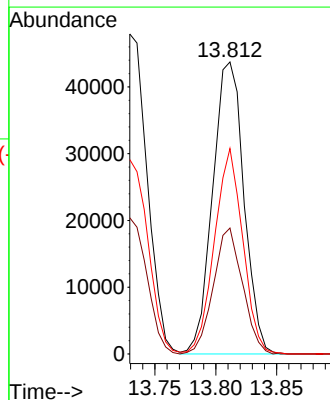
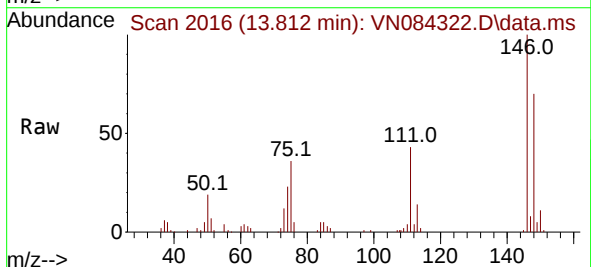
Instrument :
MSVOA_N
ClientSampleId :

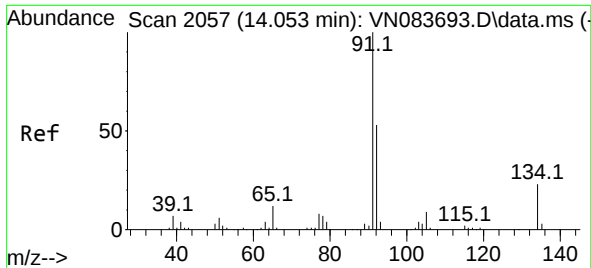
Tgt Ion:146 Resp: 80256
Ion Ratio Lower Upper
146 100
111 43.0 22.4 67.0
148 62.3 32.1 96.5



#84
1,4-Dichlorobenzene
Concen: 19.110 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN084322.D
Acq: 04 Oct 2024 18:20

Tgt Ion:146 Resp: 78190
Ion Ratio Lower Upper
146 100
111 40.3 21.3 63.9
148 63.9 31.9 95.5

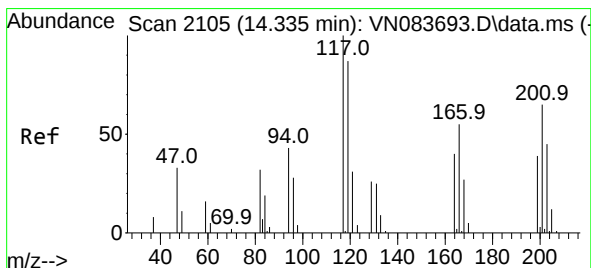
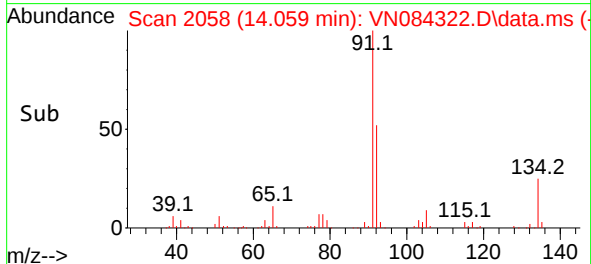
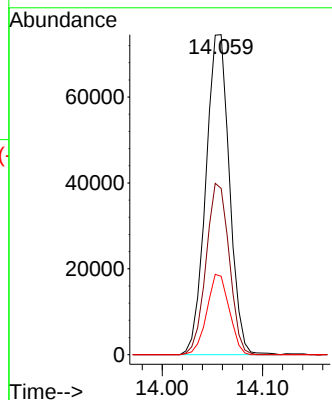
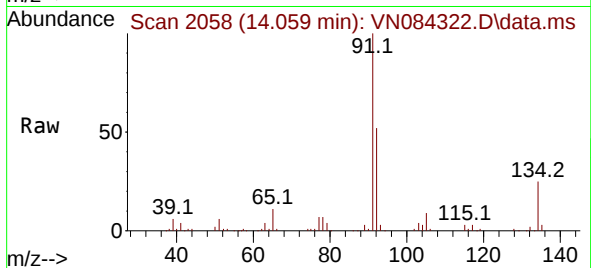




#85
n-Butylbenzene
Concen: 17.834 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.006 min
Lab File: VN084322.D
Acq: 04 Oct 2024 18:20

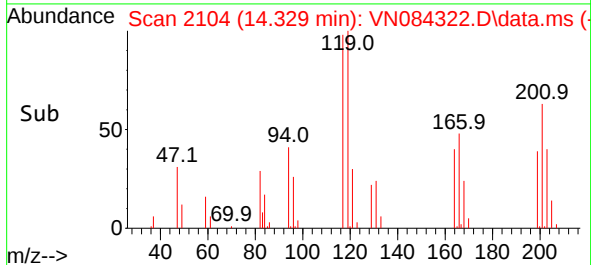
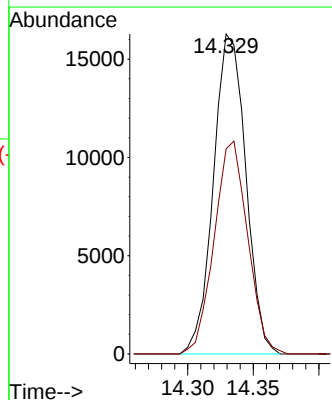
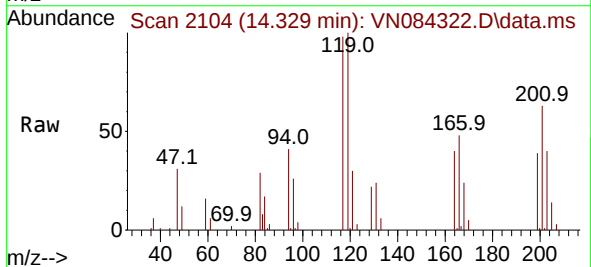
Instrument :
MSVOA_N
ClientSampleId :

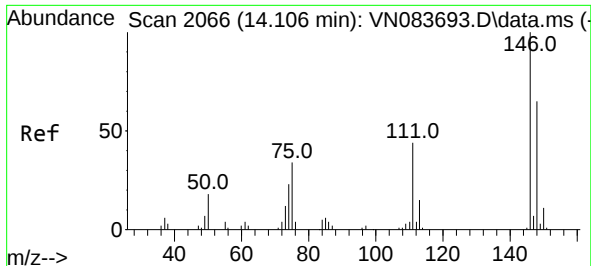
Tgt Ion: 91 Resp: 122316
Ion Ratio Lower Upper
91 100
92 52.3 0.0 105.0
134 23.7 0.0 51.8



#86
Hexachloroethane
Concen: 18.989 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.006 min
Lab File: VN084322.D
Acq: 04 Oct 2024 18:20

Tgt Ion: 117 Resp: 27968
Ion Ratio Lower Upper
117 100
201 68.7 38.0 114.0

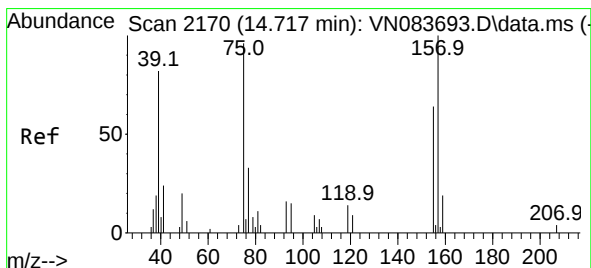
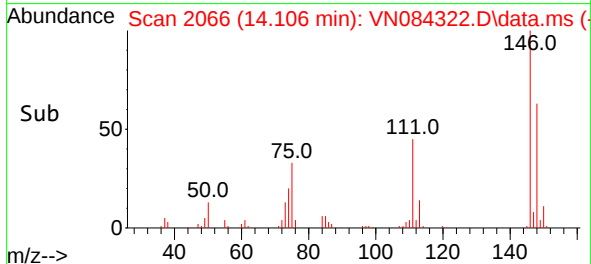
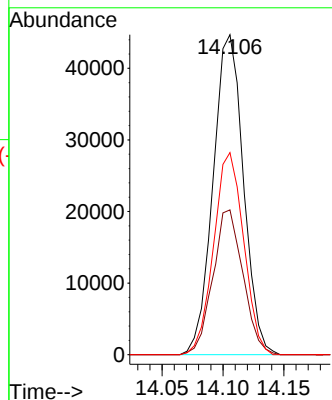
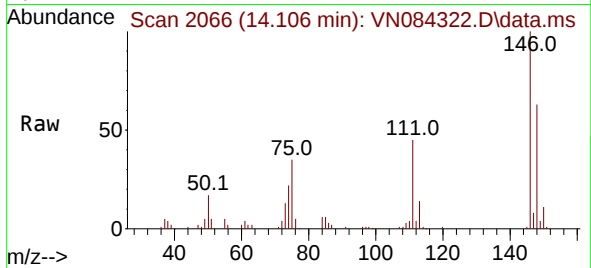




#87
1,2-Dichlorobenzene
Concen: 19.516 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN084322.D
Acq: 04 Oct 2024 18:20

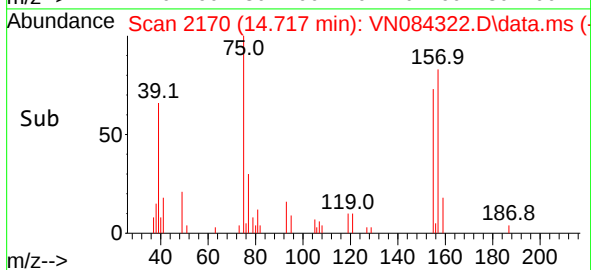
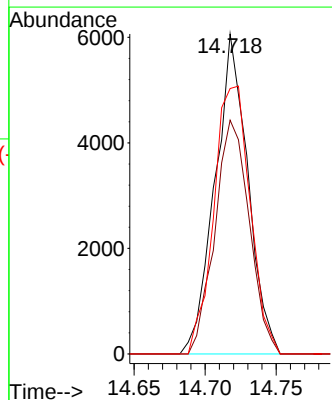
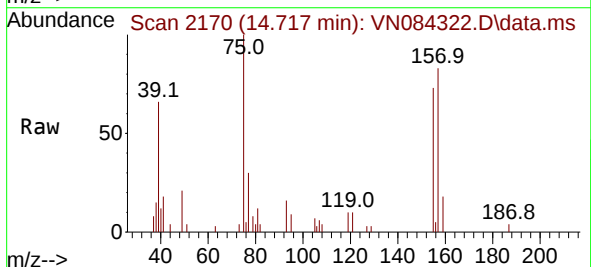
Instrument :
MSVOA_N
ClientSampleId :

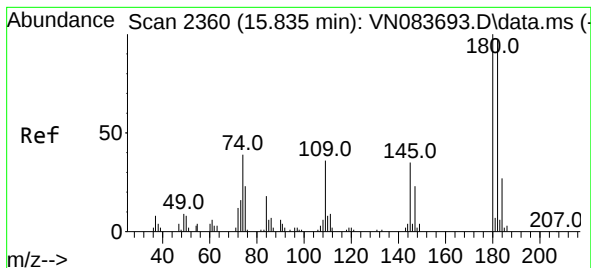
Tgt Ion:146 Resp: 77514
Ion Ratio Lower Upper
146 100
111 45.0 22.6 67.8
148 62.4 31.3 93.8



#88
1,2-Dibromo-3-Chloropropane
Concen: 17.532 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN084322.D
Acq: 04 Oct 2024 18:20

Tgt Ion: 75 Resp: 9742
Ion Ratio Lower Upper
75 100
155 76.7 61.7 92.5
157 92.9 83.6 125.4





#89

1,2,4-Trichlorobenzene

Concen: 16.589 ug/l

RT: 15.841 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN084322.D

Acq: 04 Oct 2024 18:20

Instrument :

MSVOA_N

ClientSampleId :

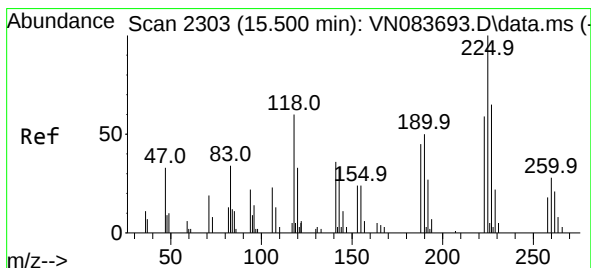
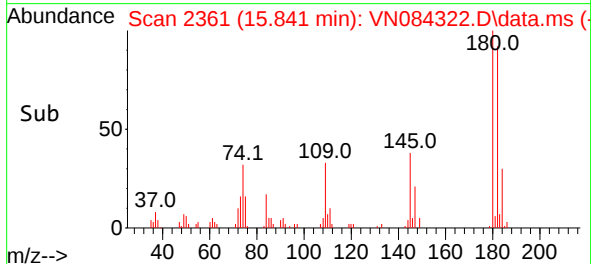
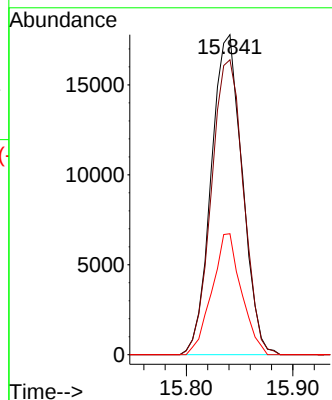
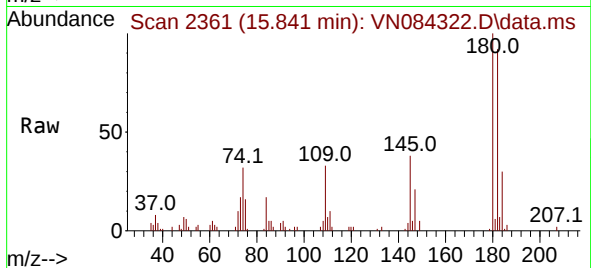
Tgt Ion:180 Resp: 36097

Ion Ratio Lower Upper

180 100

182 95.1 76.4 114.6

145 35.8 28.4 42.6



#90

Hexachlorobutadiene

Concen: 19.743 ug/l

RT: 15.494 min Scan# 2302

Delta R.T. -0.006 min

Lab File: VN084322.D

Acq: 04 Oct 2024 18:20

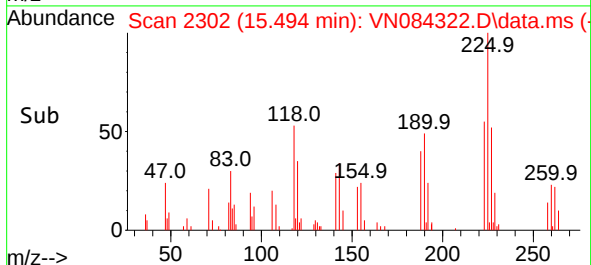
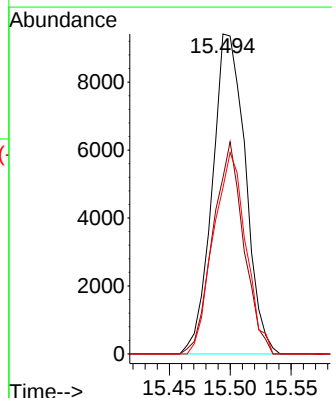
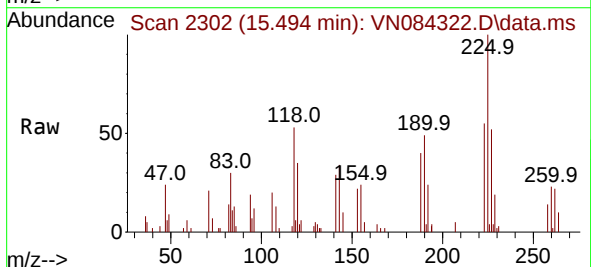
Tgt Ion:225 Resp: 17781

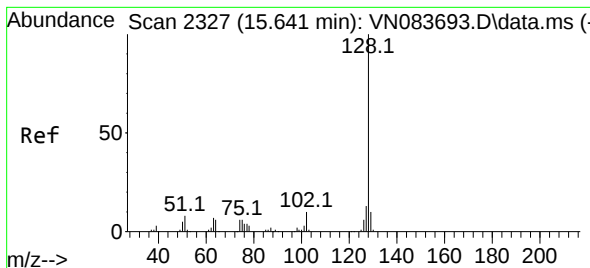
Ion Ratio Lower Upper

225 100

223 61.7 0.0 126.6

227 61.9 0.0 126.6





#91

Naphthalene

Concen: 15.107 ug/l

RT: 15.641 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN084322.D

Acq: 04 Oct 2024 18:20

Instrument :

MSVOA_N

ClientSampleId :

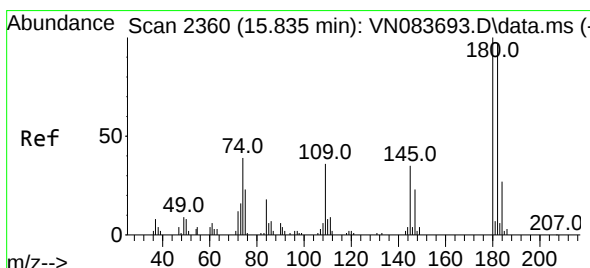
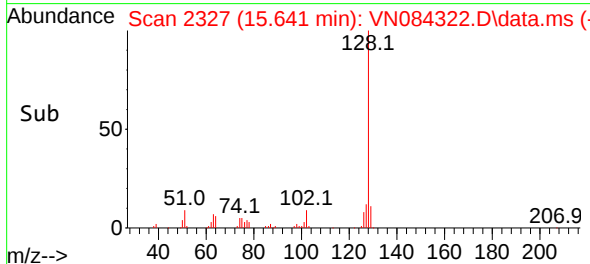
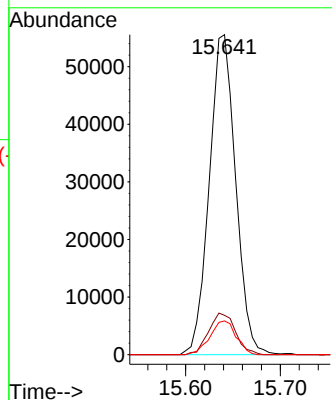
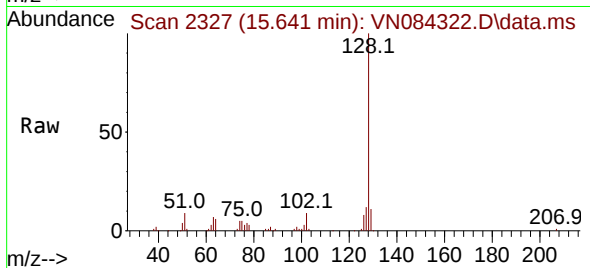
Tgt Ion:128 Resp: 107465

Ion Ratio Lower Upper

128 100

127 13.2 10.6 16.0

129 10.5 8.6 13.0



#92

1,2,3-Trichlorobenzene

Concen: 16.589 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.006 min

Lab File: VN084322.D

Acq: 04 Oct 2024 18:20

Tgt Ion:180 Resp: 36097

Ion Ratio Lower Upper

180 100

182 95.1 0.0 191.0

145 35.8 0.0 71.0

