

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012224\
 Data File : VN080739.D
 Acq On : 22 Jan 2024 15:59
 Operator : JC\MD
 Sample : P1179-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 23 03:55:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 06:34:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	137379	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	325024	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	347767	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	149113	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	108671	45.045	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.080%
35) Dibromofluoromethane	8.165	113	84057	45.517	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.040%
50) Toluene-d8	10.565	98	365364	51.886	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.780%
62) 4-Bromofluorobenzene	12.847	95	158593	58.732	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	117.460%

Target Compounds			Qvalue			
3) Chloromethane	2.371	50	2404	0.299	ug/l #	84
5) Bromomethane	2.977	94	352	0.457	ug/l	95
6) Chloroethane	3.130	64	182	Below Cal	#	43
11) Tert butyl alcohol	5.506	59	5159	12.645	ug/l #	73
13) Acrolein	4.165	56	771	2.262	ug/l #	16
16) Acetone	4.424	43	85890	108.441	ug/l	94
17) Carbon Disulfide	4.706	76	2935	0.468	ug/l #	75
18) Methyl Acetate	5.024	43	10267	4.353	ug/l #	53
20) Methylene Chloride	5.271	84	5904	2.553	ug/l #	69
25) 2-Butanone	7.483	43	38310	26.759	ug/l #	74
29) Tetrahydrofuran	7.830	42	2088	2.164	ug/l #	31
31) Cyclohexane	8.253	56	33277	8.928	ug/l	86
36) 1,1-Dichloropropene	8.224	75	15302	4.045	ug/l #	46
37) Ethyl Acetate	7.483	43	38310	10.444	ug/l #	63
38) Carbon Tetrachloride	8.230	117	16189	4.766	ug/l #	15
39) Methylcyclohexane	9.600	83	16516	4.562	ug/l #	79
40) Benzene	8.606	78	15988860	1503.510	ug/l	99
42) 1,2-Dichloroethane	8.606	62	167074	41.038	ug/l #	73
43) Isopropyl Acetate	8.688	43	132918	19.713	ug/l #	80
48) Methyl methacrylate	9.653	41	7692	2.410	ug/l #	31
49) 1,4-Dioxane	9.683	88	79	1.986	ug/l #	30
51) 4-Methyl-2-Pentanone	10.447	43	51894	14.266	ug/l #	82
52) Toluene	10.630	92	6345808	1041.504	ug/l	99
53) t-1,3-Dichloropropene	10.630	75	92865	21.133	ug/l #	1
54) cis-1,3-Dichloropropene	10.359	75	33353	7.157	ug/l #	61
55) 1,1,2-Trichloroethane	10.882	97	57126	24.359	ug/l #	19
56) Ethyl methacrylate	10.888	69	4472	1.065	ug/l #	32
57) 1,3-Dichloropropane	11.206	76	3192	0.746	ug/l #	45
58) 2-Chloroethyl Vinyl ether	10.165	63	1517	0.754	ug/l #	48
59) 2-Hexanone	11.171	43	84015	31.287	ug/l #	19
67) Ethyl Benzene	11.965	91	761274	52.471	ug/l	96
68) m/p-Xylenes	12.065	106	1337581	262.234	ug/l	85
69) o-Xylene	12.400	106	910232	182.511	ug/l	84
70) Styrene	12.412	104	153761	18.156	ug/l #	1
71) Bromoform	12.847	173	408	0.220	ug/l #	1
73) Isopropylbenzene	12.694	105	28991	2.045	ug/l	97

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 ALS Vial : 12 Sample Multiplier: 1

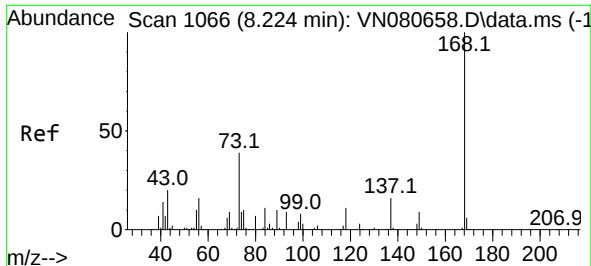
Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 23 03:55:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 06:34:36 2024
 Response via : Initial Calibration

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

74) N-amyl acetate	12.453	43	13044	1.533	ug/l #	44
76) 1,2,3-Trichloropropane	12.847	75	88952	19.346	ug/l #	1
78) n-propylbenzene	13.035	91	62671	3.603	ug/l	91
79) 2-Chlorotoluene	13.335	91	20261	1.818	ug/l	81
80) 1,3,5-Trimethylbenzene	13.176	105	234510	19.845	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.847	75	88952	45.606	ug/l #	20
82) 4-Chlorotoluene	13.335	91	20261	1.854	ug/l	79
83) tert-Butylbenzene	13.482	119	74981	7.937	ug/l #	54
84) 1,2,4-Trimethylbenzene	13.482	105	745704	64.175	ug/l	88
85) sec-Butylbenzene	13.482	105	745704	55.555	ug/l #	57
86) p-Isopropyltoluene	13.729	119	11673	1.101	ug/l	87
89) n-Butylbenzene	14.059	91	4501	0.440	ug/l #	60
90) Hexachloroethane	14.335	117	2677	1.362	ug/l #	21
92) 1,2-Dibromo-3-Chloropr...	14.729	75	1081	0.647	ug/l #	4
95) Naphthalene	15.641	128	5309076	510.994	ug/l	99

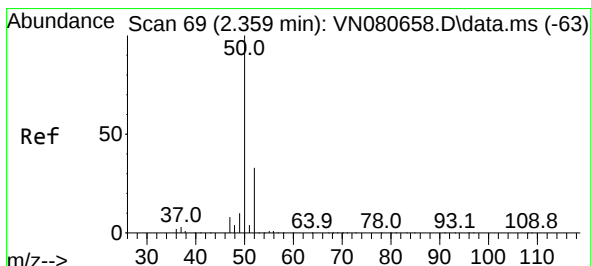
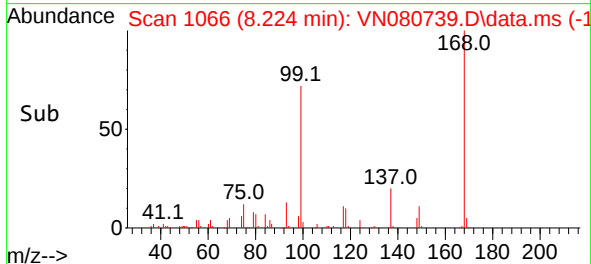
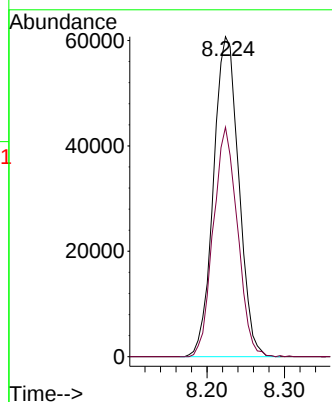
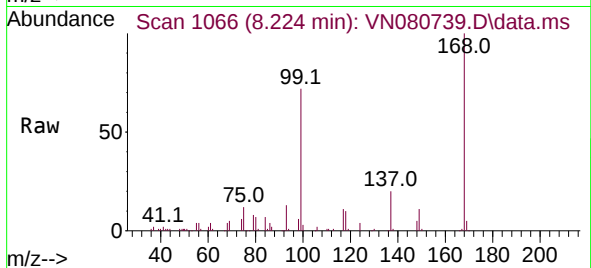
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080739.D
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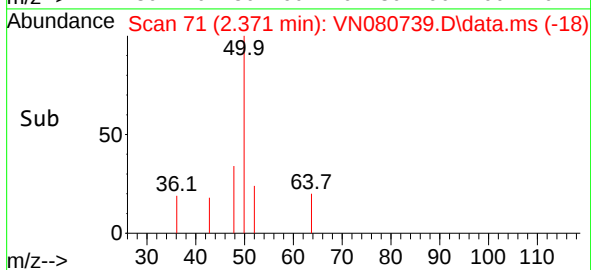
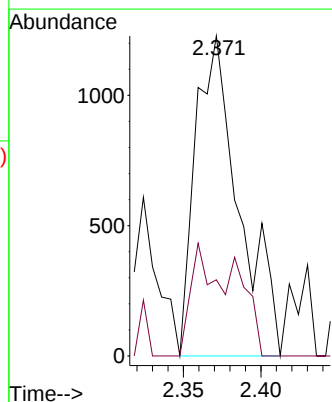
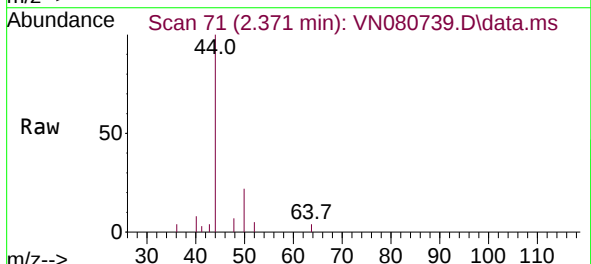
Instrument :
MSVOA_N
ClientSampleId :

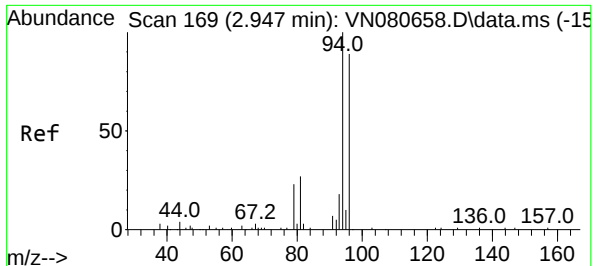
Tgt Ion:168 Resp: 137379
Ion Ratio Lower Upper
168 100
99 71.7 53.0 79.6



#3
Chloromethane
Concen: 0.299 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.012 min
Lab File: VN080739.D
Acq: 22 Jan 2024 15:59

Tgt Ion: 50 Resp: 2404
Ion Ratio Lower Upper
50 100
52 23.8 26.5 39.7#

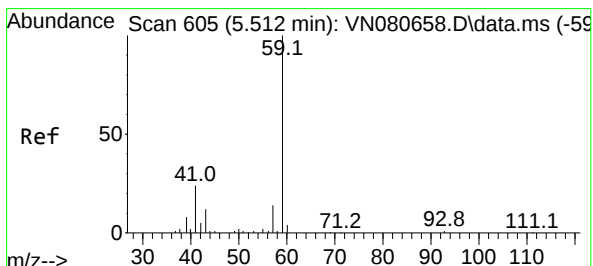
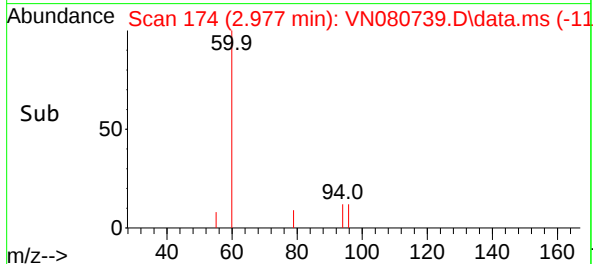
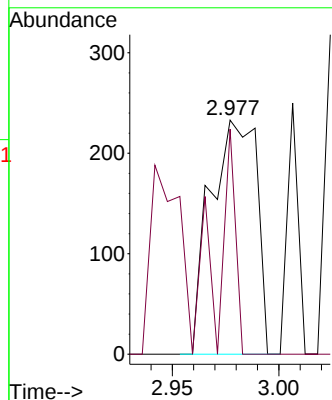
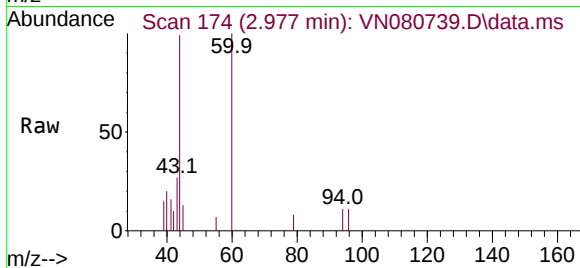




#5
Bromomethane
Concen: 0.457 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.030 min
Lab File: VN080739.D
Acq: 22 Jan 2024 15:59

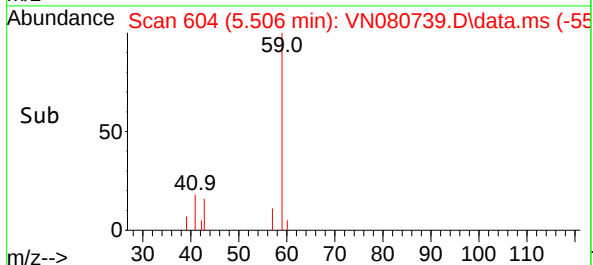
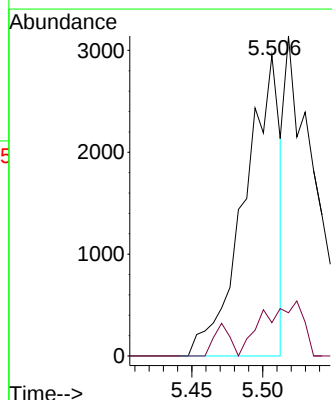
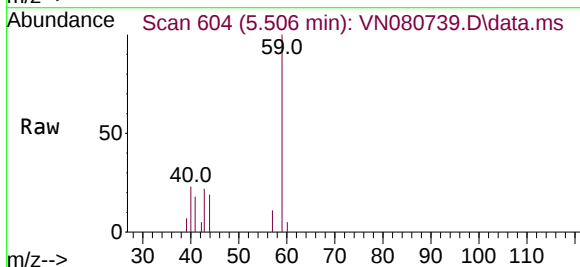
Instrument :
MSVOA_N
ClientSampleId :

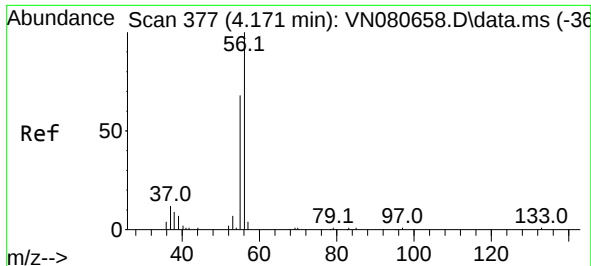
Tgt Ion: 94 Resp: 352
Ion Ratio Lower Upper
94 100
96 96.1 73.1 109.7



#11
Tert butyl alcohol
Concen: 12.645 ug/l
RT: 5.506 min Scan# 604
Delta R.T. -0.006 min
Lab File: VN080739.D
Acq: 22 Jan 2024 15:59

Tgt Ion: 59 Resp: 5159
Ion Ratio Lower Upper
59 100
57 20.3 8.2 12.4#

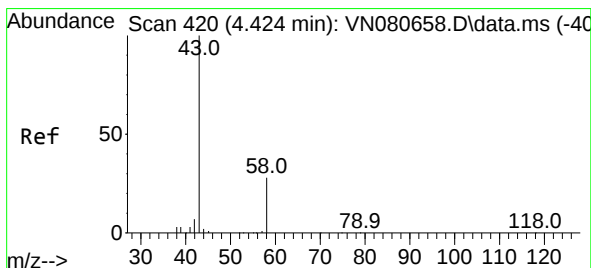
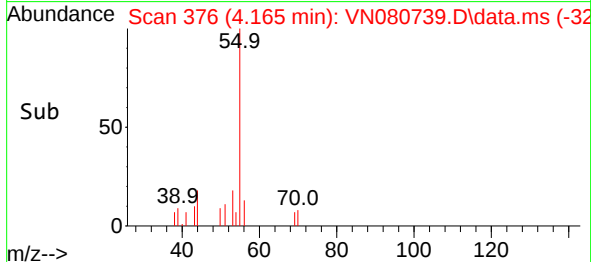
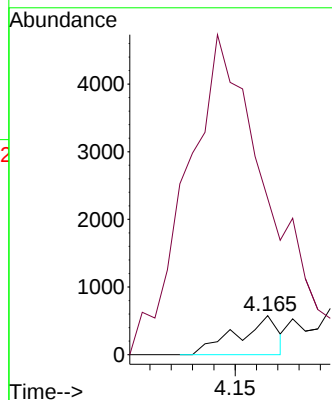
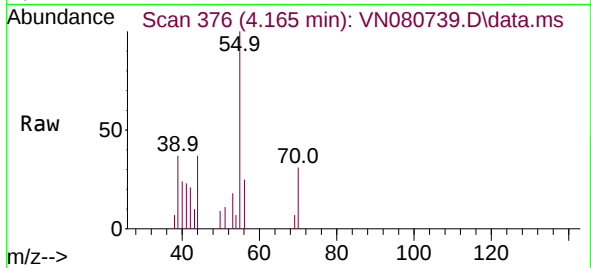




#13
Acrolein
Concen: 2.262 ug/l
RT: 4.165 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN080739.D
Acq: 22 Jan 2024 15:59

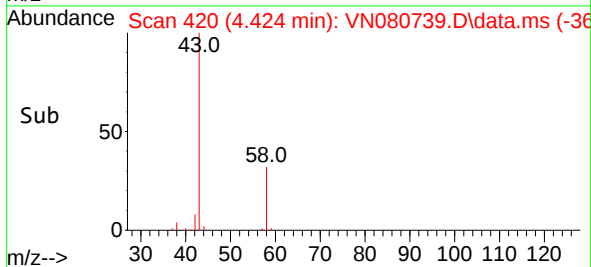
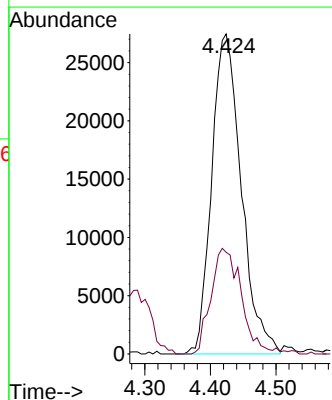
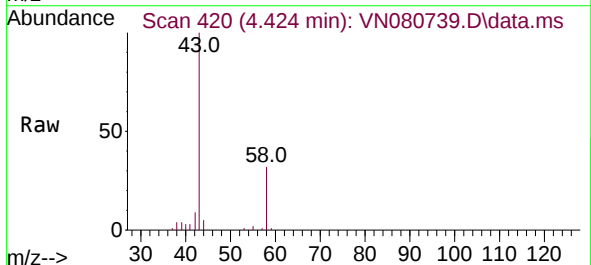
Instrument :
MSVOA_N
ClientSampleId :

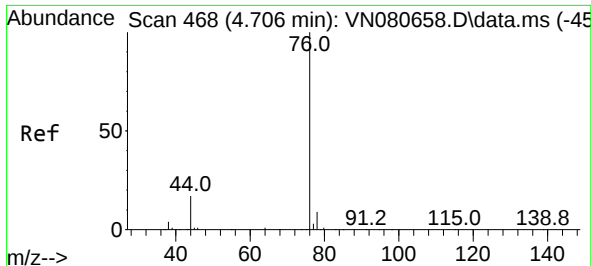
Tgt Ion: 56 Resp: 771
Ion Ratio Lower Upper
56 100
55 0.0 54.5 81.7#



#16
Acetone
Concen: 108.441 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN080739.D
Acq: 22 Jan 2024 15:59

Tgt Ion: 43 Resp: 85890
Ion Ratio Lower Upper
43 100
58 31.8 28.0 42.0

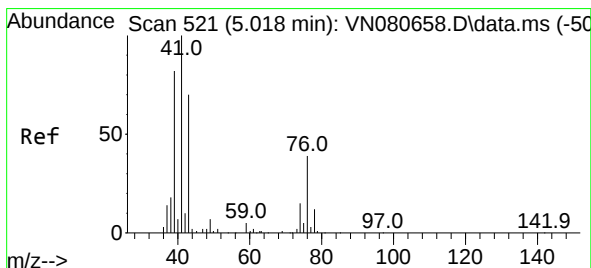
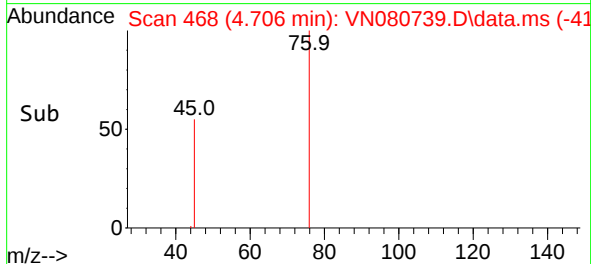
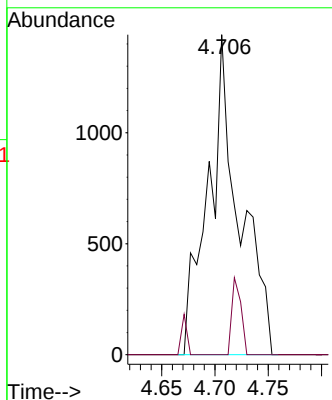
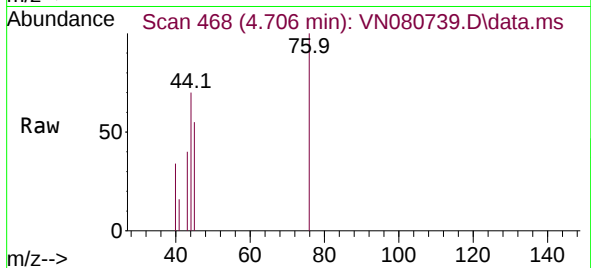




#17
Carbon Disulfide
Concen: 0.468 ug/l
RT: 4.706 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN080739.D
Acq: 22 Jan 2024 15:59

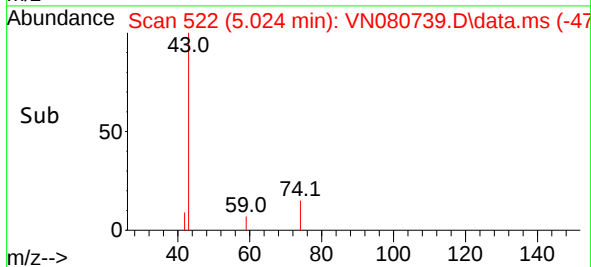
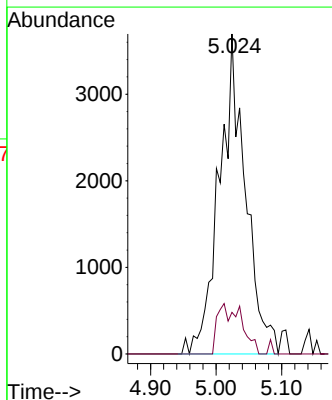
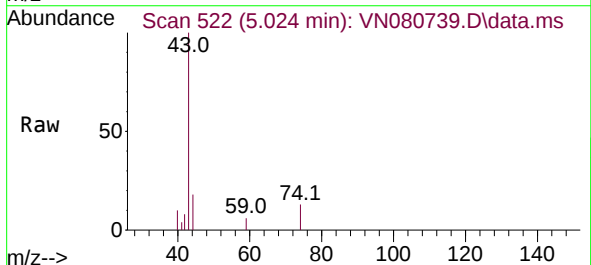
Instrument :
MSVOA_N
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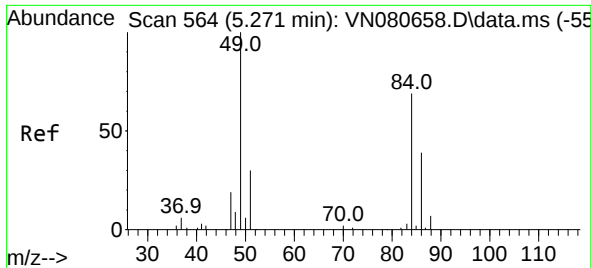
Tgt Ion: 76 Resp: 2935
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#18
Methyl Acetate
Concen: 4.353 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN080739.D
Acq: 22 Jan 2024 15:59

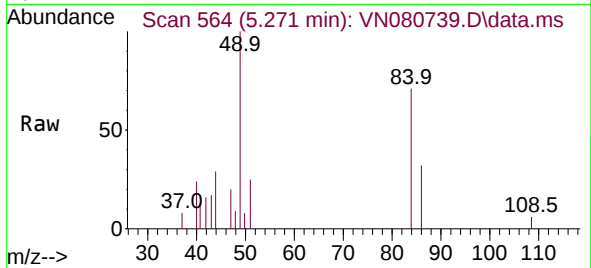
Tgt Ion: 43 Resp: 10267
Ion Ratio Lower Upper
43 100
74 6.5 26.2 39.4#



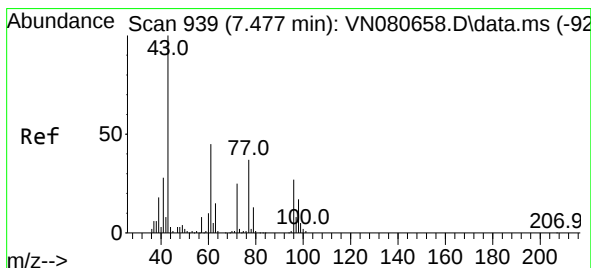
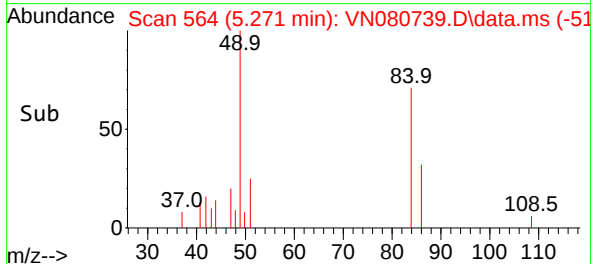
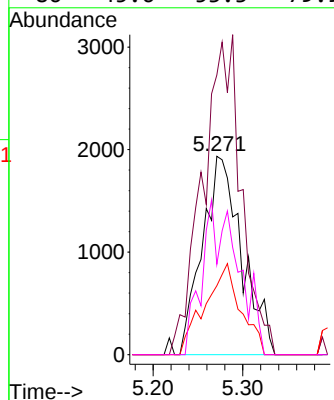


#20
Methylene Chloride
Concen: 2.553 ug/l
RT: 5.271 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN080739.D
Acq: 22 Jan 2024 15:59

Instrument :
MSVOA_N
ClientSampleId :

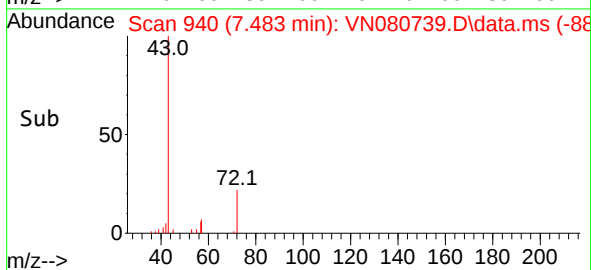
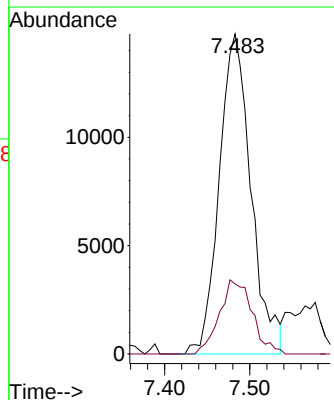
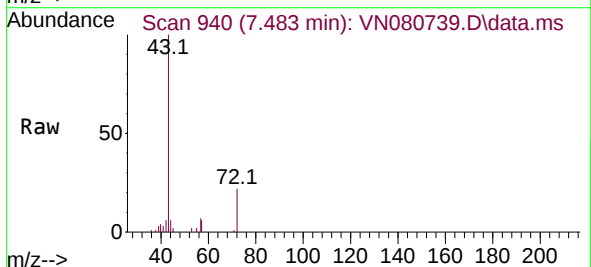


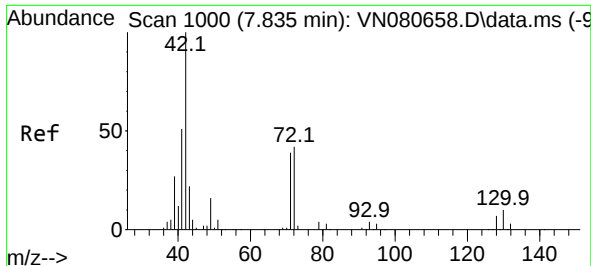
Tgt Ion:	84	Resp:	5904
Ion	Ratio	Lower	Upper
84	100		
49	141.0	79.7	119.5#
51	34.8	25.2	37.8
86	45.6	53.3	79.9#



#25
2-Butanone
Concen: 26.759 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN080739.D
Acq: 22 Jan 2024 15:59

Tgt Ion:	43	Resp:	38310
Ion	Ratio	Lower	Upper
43	100		
72	21.9	30.2	45.2#

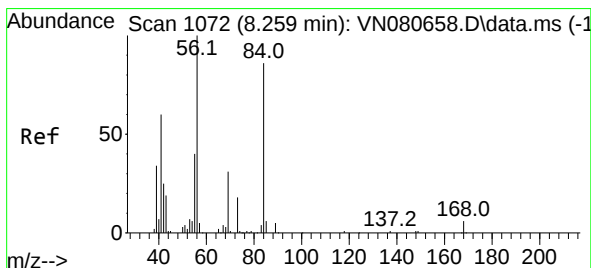
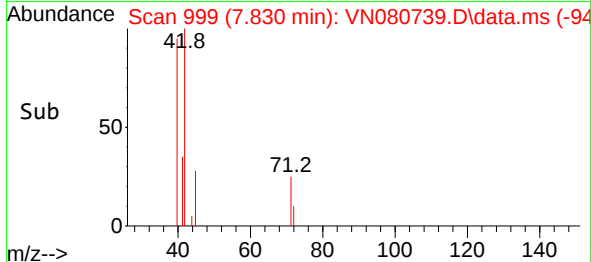
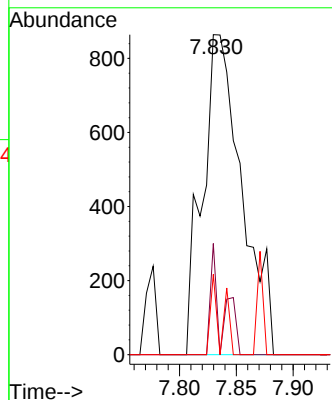
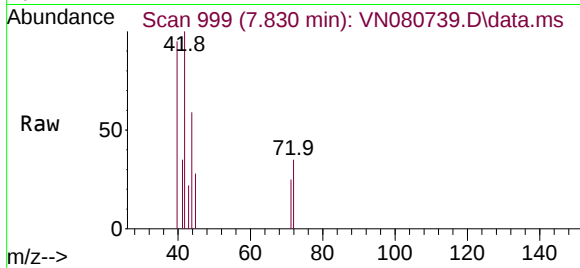




#29
Tetrahydrofuran
Concen: 2.164 ug/l
RT: 7.830 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN080739.D
Acq: 22 Jan 2024 15:59

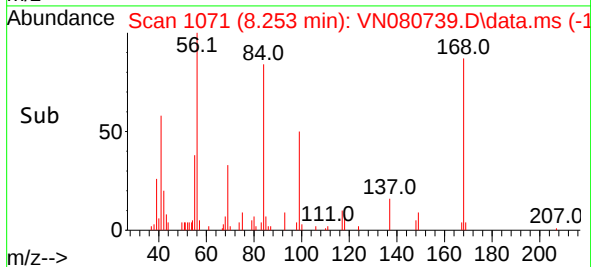
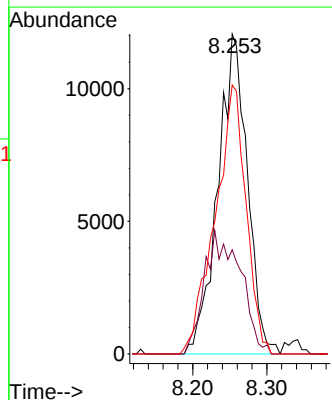
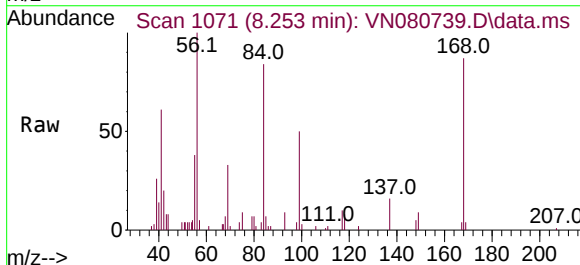
Instrument :
MSVOA_N
ClientSampleId :

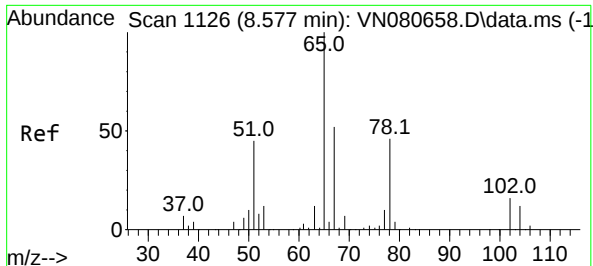
Tgt Ion: 42 Resp: 2088
Ion Ratio Lower Upper
42 100
72 10.2 49.8 74.6#
71 6.7 47.4 71.2#



#31
Cyclohexane
Concen: 8.928 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.006 min
Lab File: VN080739.D
Acq: 22 Jan 2024 15:59

Tgt Ion: 56 Resp: 33277
Ion Ratio Lower Upper
56 100
69 32.5 26.8 40.2
84 84.0 81.8 122.6





#33

1,2-Dichloroethane-d4

Concen: 45.045 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN080739.D

Acq: 22 Jan 2024 15:59

Instrument :

MSVOA_N

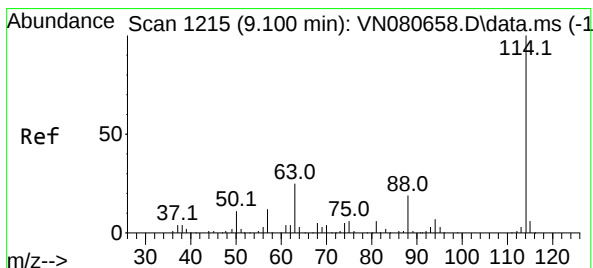
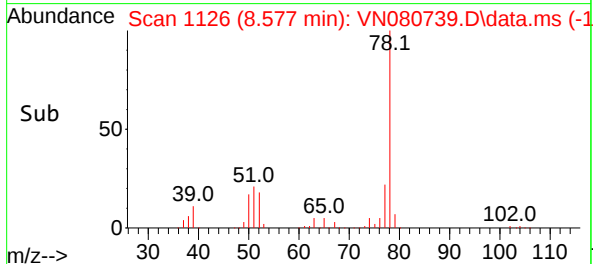
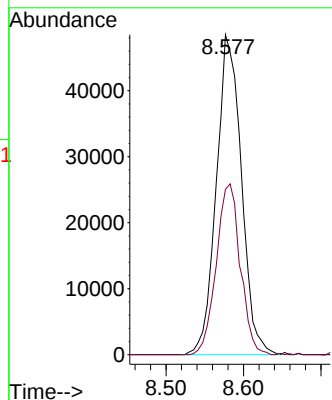
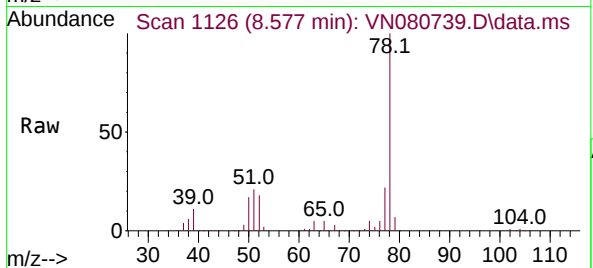
ClientSampleId :

Tgt Ion: 65 Resp: 108671

Ion Ratio Lower Upper

65 100

67 51.3 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN080739.D

Acq: 22 Jan 2024 15:59

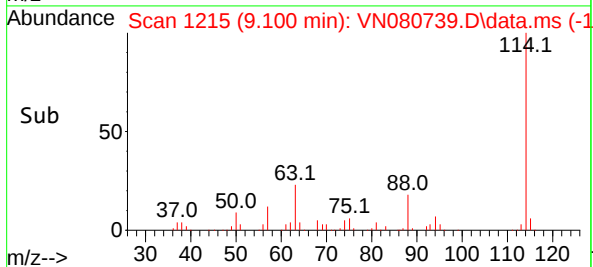
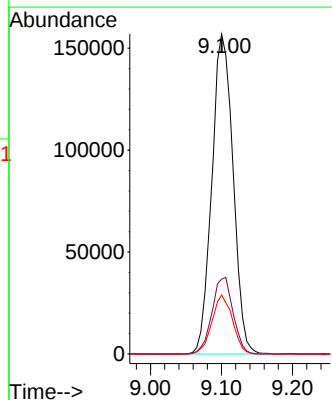
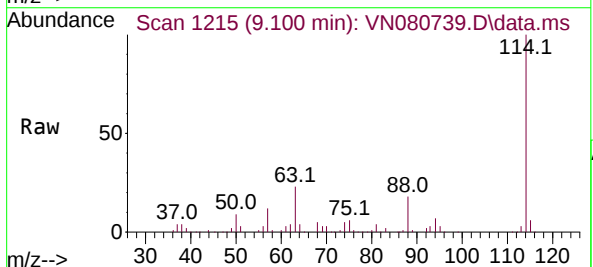
Tgt Ion: 114 Resp: 325024

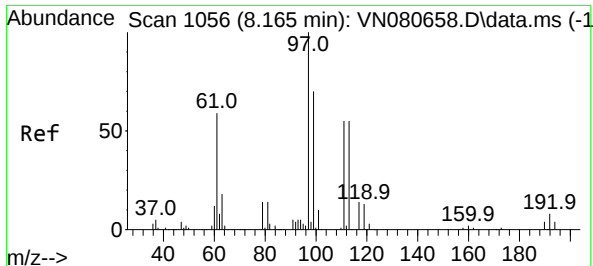
Ion Ratio Lower Upper

114 100

63 23.4 0.0 36.4

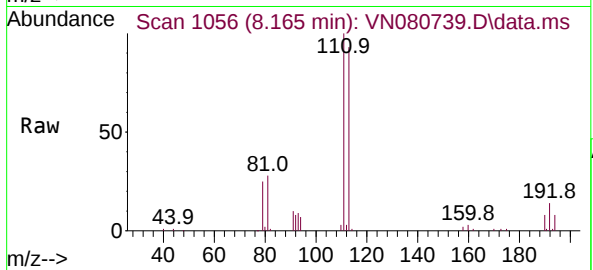
88 18.5 0.0 30.6



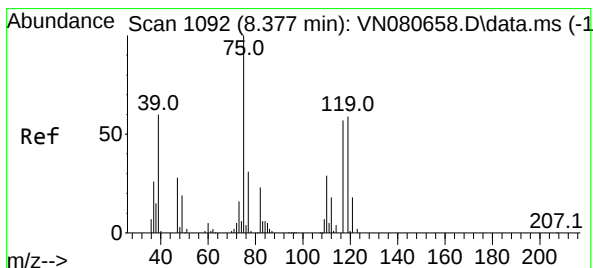
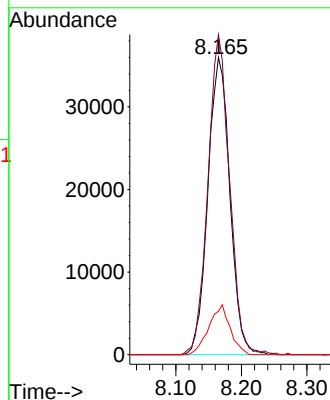
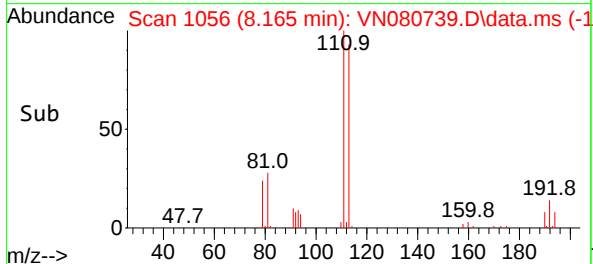


#35
Dibromofluoromethane
Concen: 45.517 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080739.D
Acq: 22 Jan 2024 15:59

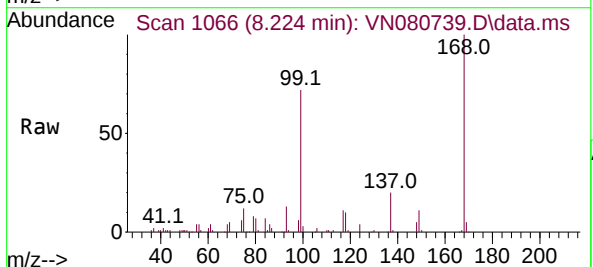
Instrument :
MSVOA_N
ClientSampleId :



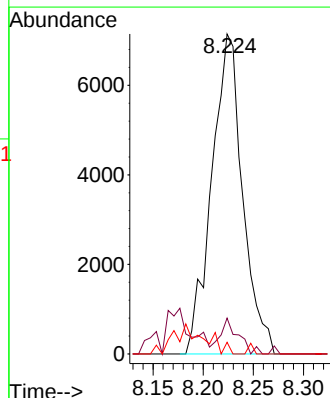
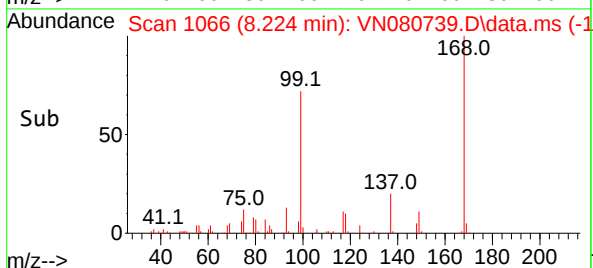
Tgt Ion:113 Resp: 84057
Ion Ratio Lower Upper
113 100
111 105.7 82.6 123.8
192 16.2 12.7 19.1

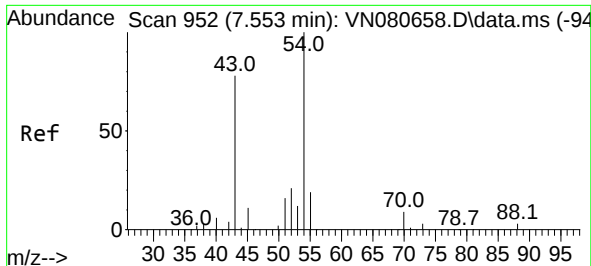


#36
1,1-Dichloropropene
Concen: 4.045 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.153 min
Lab File: VN080739.D
Acq: 22 Jan 2024 15:59



Tgt Ion: 75 Resp: 15302
Ion Ratio Lower Upper
75 100
110 6.6 19.1 57.3#
77 0.0 25.0 37.4#





#37

Ethyl Acetate

Concen: 10.444 ug/l

RT: 7.483 min Scan# 94

Delta R.T. -0.070 min

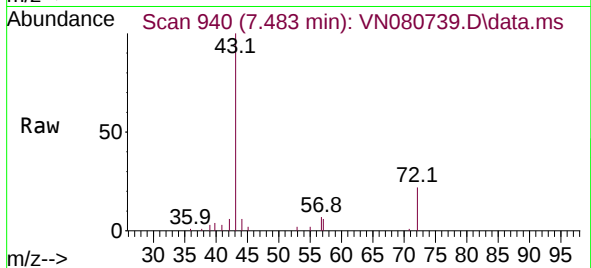
Lab File: VN080739.D

Acq: 22 Jan 2024 15:59

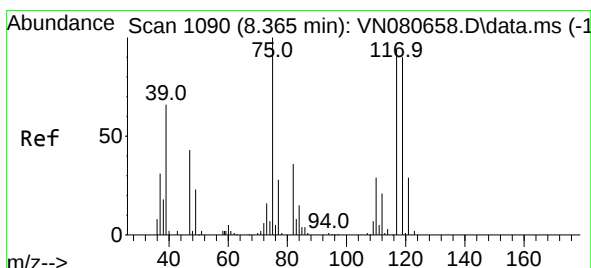
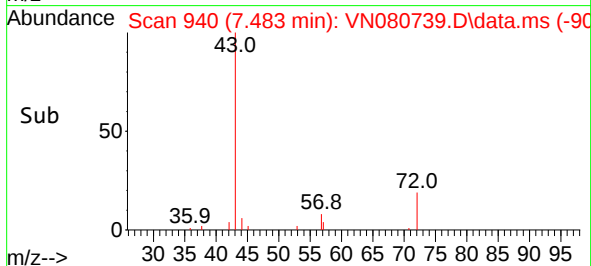
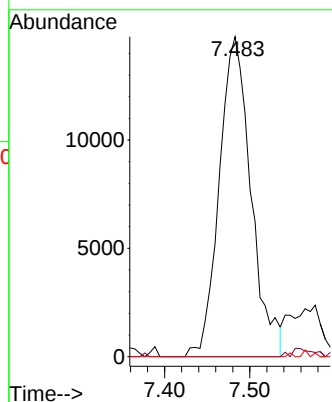
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 43	Resp:	38310
Ion	Ratio	Lower Upper
43	100	
61	0.0	13.2 19.8#
70	0.0	11.3 16.9#



#38

Carbon Tetrachloride

Concen: 4.766 ug/l

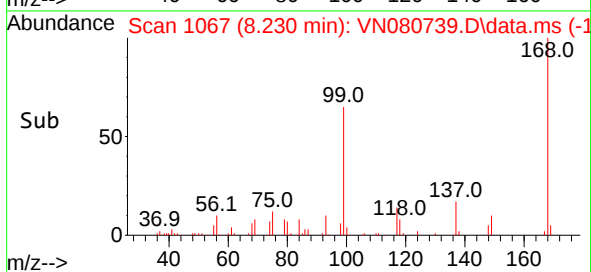
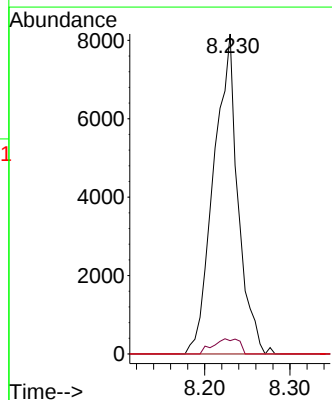
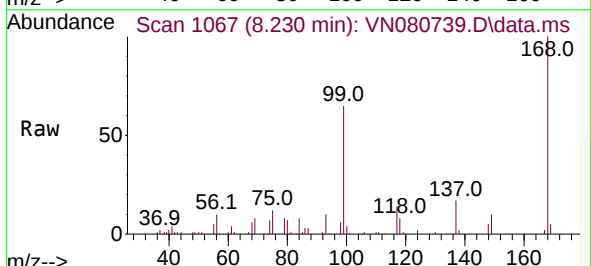
RT: 8.230 min Scan# 1067

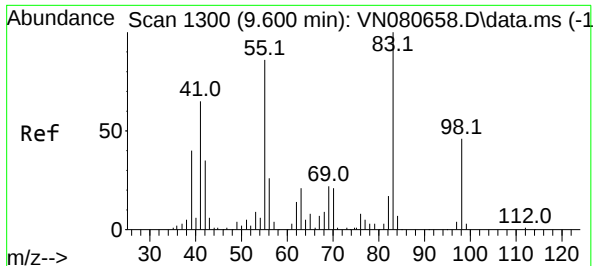
Delta R.T. -0.135 min

Lab File: VN080739.D

Acq: 22 Jan 2024 15:59

Tgt Ion: 117	Resp:	16189
Ion	Ratio	Lower Upper
117	100	
119	4.2	77.3 115.9#
121	0.0	23.3 34.9#





#39

Methylcyclohexane

Concen: 4.562 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.000 min

Lab File: VN080739.D

Acq: 22 Jan 2024 15:59

Instrument :

MSVOA_N

ClientSampleId :

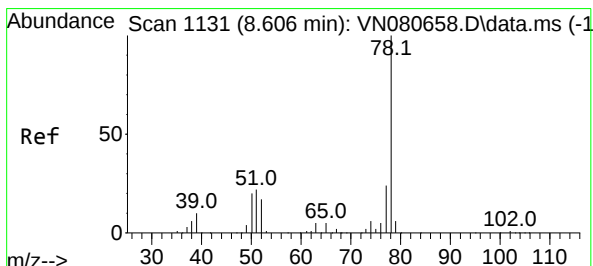
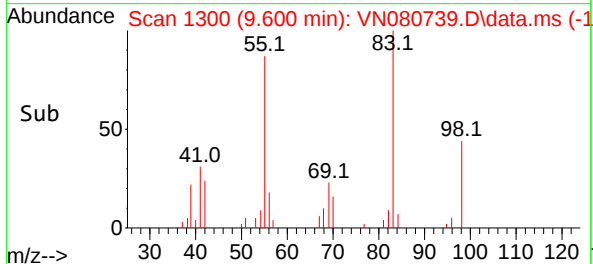
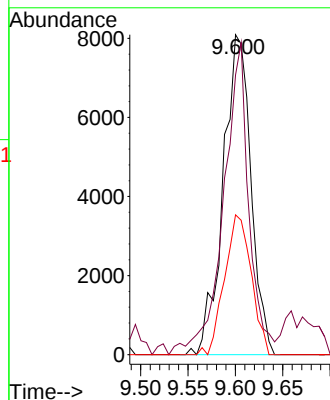
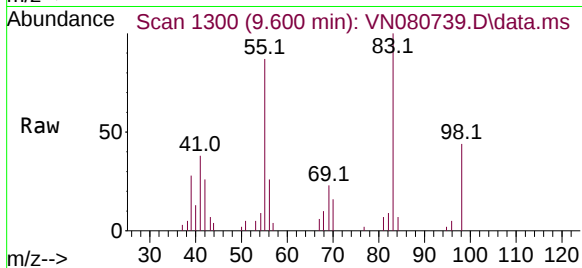
Tgt Ion: 83 Resp: 16516

Ion Ratio Lower Upper

83 100

55 83.9 49.1 73.7#

98 43.7 40.6 61.0



#40

Benzene

Concen: 1503.510 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN080739.D

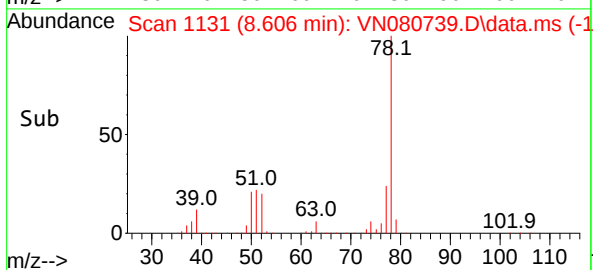
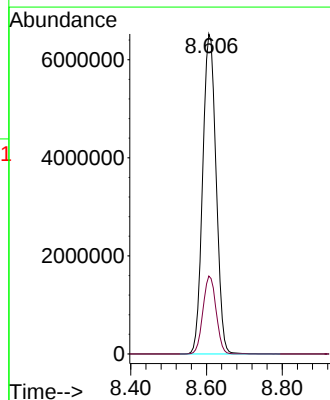
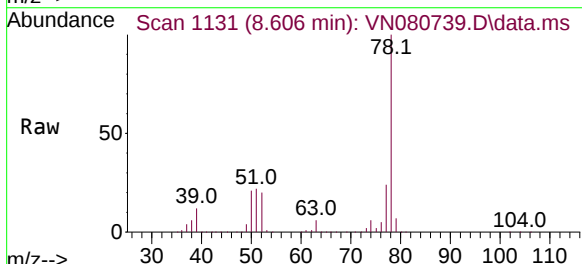
Acq: 22 Jan 2024 15:59

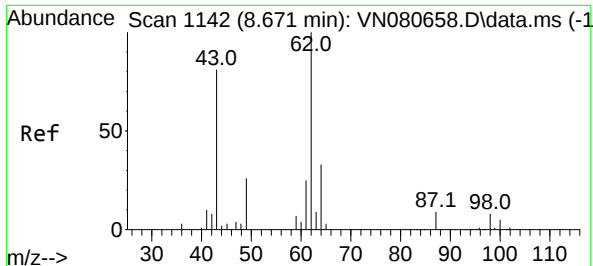
Tgt Ion: 78 Resp:15988860

Ion Ratio Lower Upper

78 100

77 24.3 19.0 28.6





#42

1,2-Dichloroethane

Concen: 41.038 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.065 min

Lab File: VN080739.D

Acq: 22 Jan 2024 15:59

Instrument :

MSVOA_N

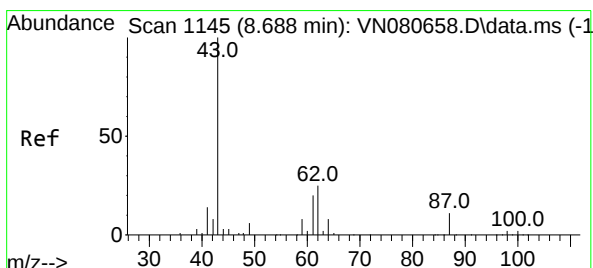
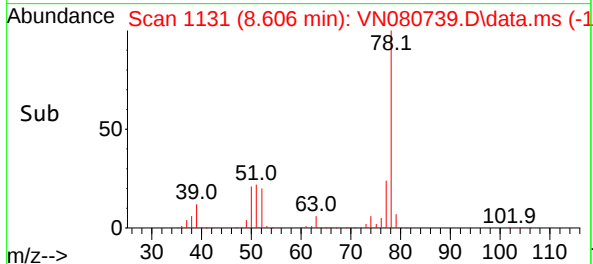
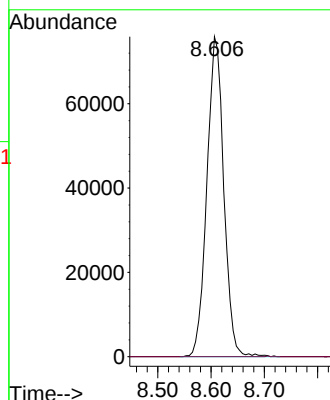
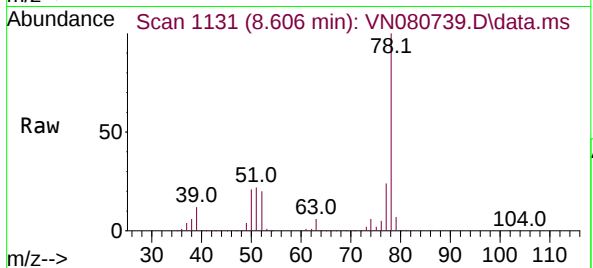
ClientSampleId :

Tgt Ion: 62 Resp: 167074

Ion Ratio Lower Upper

62 100

98 0.0 0.0 19.8



#43

Isopropyl Acetate

Concen: 19.713 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN080739.D

Acq: 22 Jan 2024 15:59

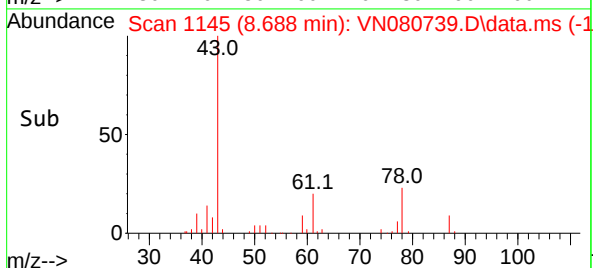
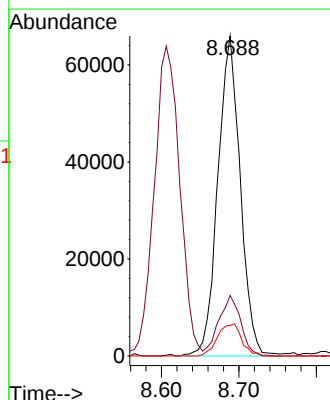
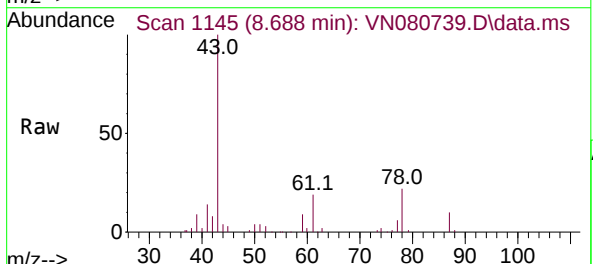
Tgt Ion: 43 Resp: 132918

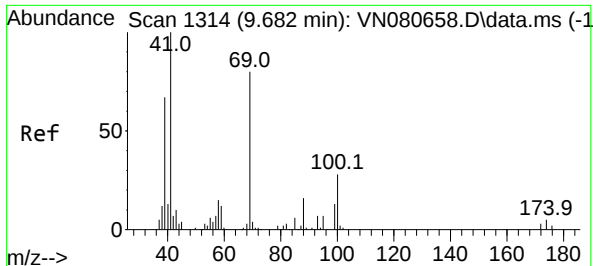
Ion Ratio Lower Upper

43 100

61 18.6 24.7 37.1#

87 10.8 14.6 21.8#

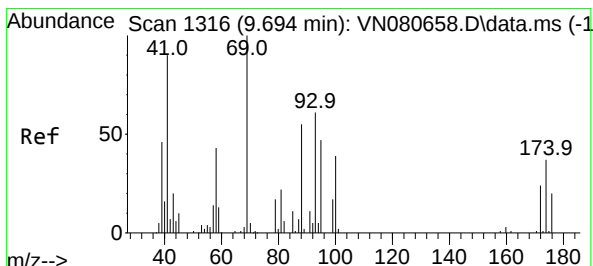
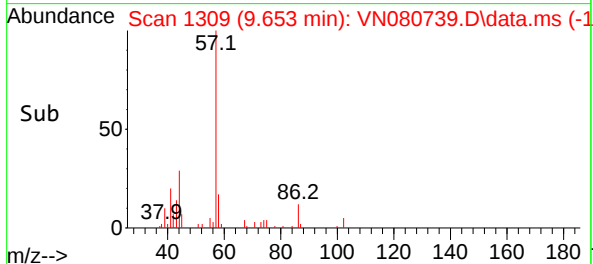
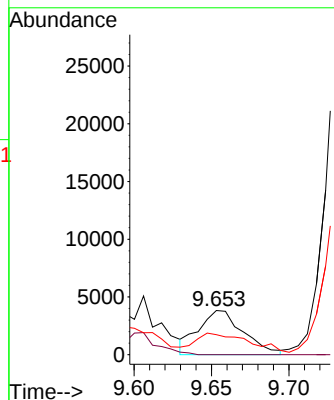
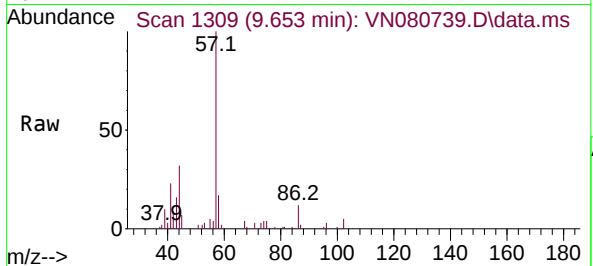




#48
Methyl methacrylate
Concen: 2.410 ug/l
RT: 9.653 min Scan# 11
Delta R.T. -0.029 min
Lab File: VN080739.D
Acq: 22 Jan 2024 15:59

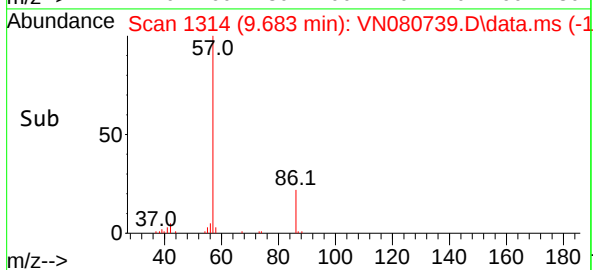
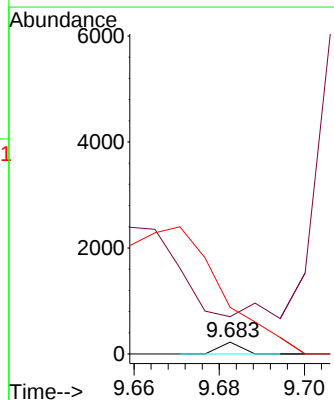
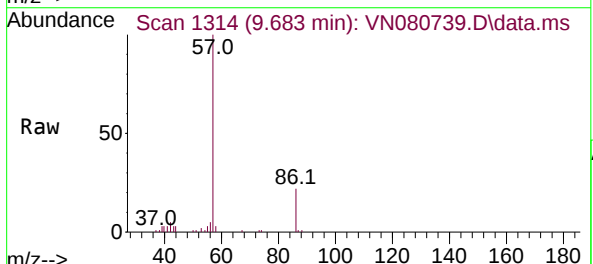
Instrument :
MSVOA_N
ClientSampleId :

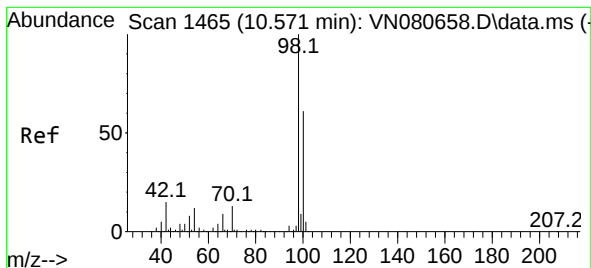
Tgt Ion: 41 Resp: 7692
Ion Ratio Lower Upper
41 100
69 0.0 90.4 135.6#
39 61.6 54.6 81.8



#49
1,4-Dioxane
Concen: 1.986 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. -0.012 min
Lab File: VN080739.D
Acq: 22 Jan 2024 15:59

Tgt Ion: 88 Resp: 79
Ion Ratio Lower Upper
88 100
43 0.0 17.0 25.6#
58 0.0 47.0 70.4#





#50

Toluene-d8

Concen: 51.886 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VN080739.D

Acq: 22 Jan 2024 15:59

Instrument :

MSVOA_N

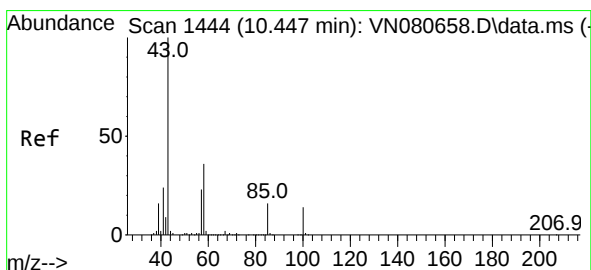
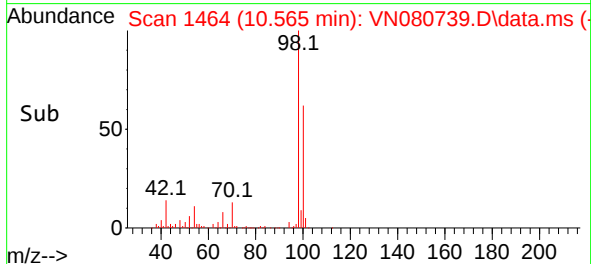
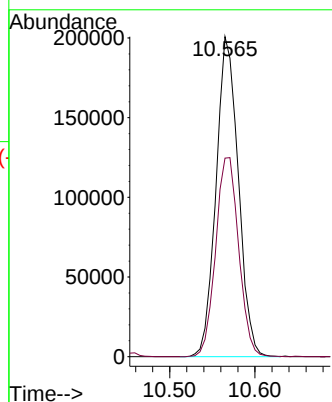
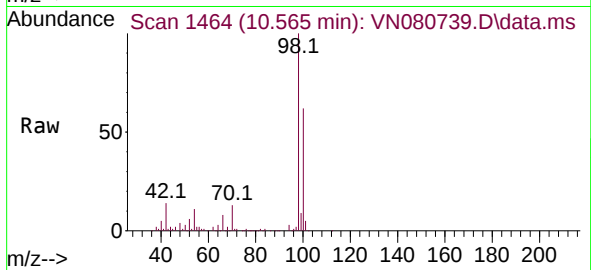
ClientSampleId :

Tgt Ion: 98 Resp: 365364

Ion Ratio Lower Upper

98 100

100 64.4 52.0 78.0



#51

4-Methyl-2-Pentanone

Concen: 14.266 ug/l

RT: 10.447 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN080739.D

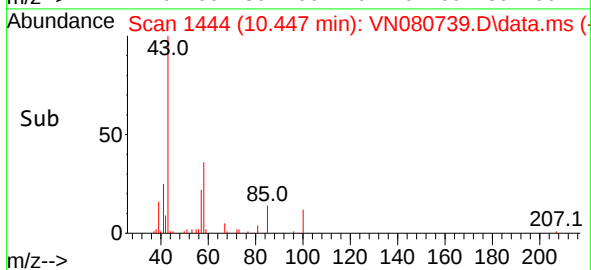
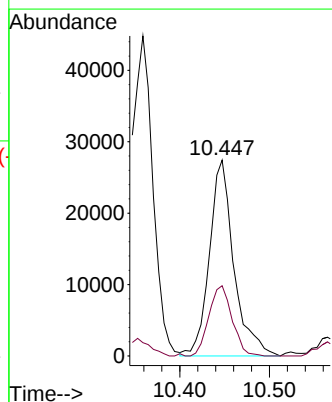
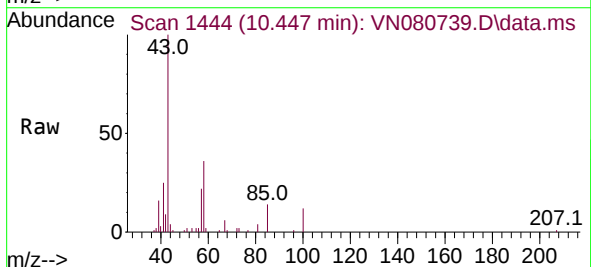
Acq: 22 Jan 2024 15:59

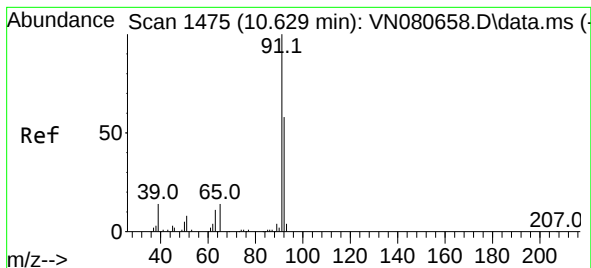
Tgt Ion: 43 Resp: 51894

Ion Ratio Lower Upper

43 100

58 34.0 36.6 54.8#





#52

Toluene

Concen: 1041.504 ug/l

RT: 10.630 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VN080739.D

Acq: 22 Jan 2024 15:59

Instrument :

MSVOA_N

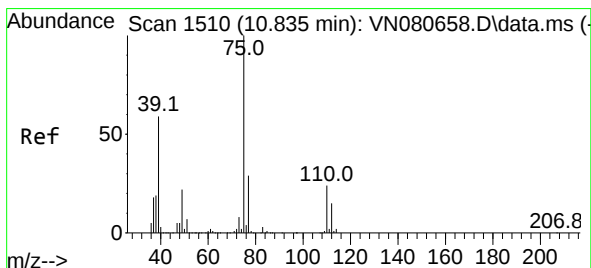
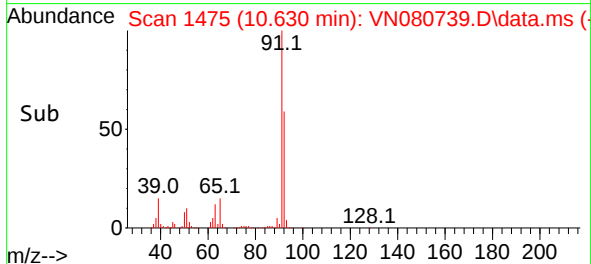
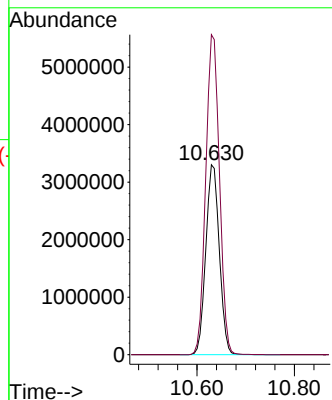
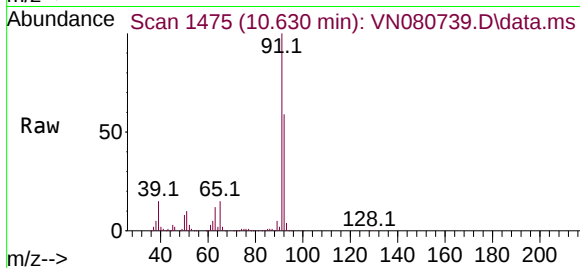
ClientSampleId :

Tgt Ion: 92 Resp: 6345808

Ion Ratio Lower Upper

92 100

91 170.8 137.4 206.0



#53

t-1,3-Dichloropropene

Concen: 21.133 ug/l

RT: 10.630 min Scan# 1475

Delta R.T. -0.206 min

Lab File: VN080739.D

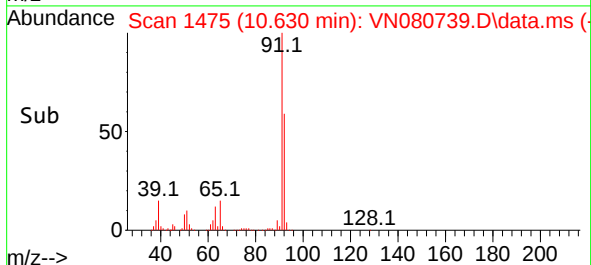
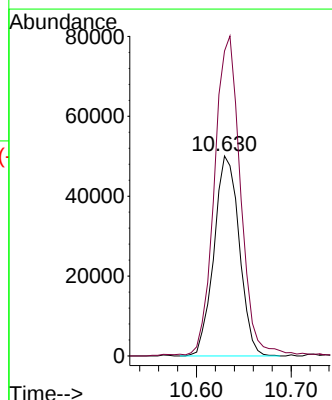
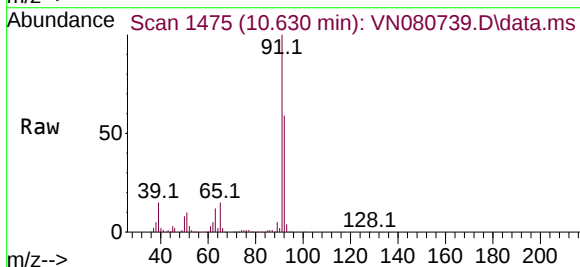
Acq: 22 Jan 2024 15:59

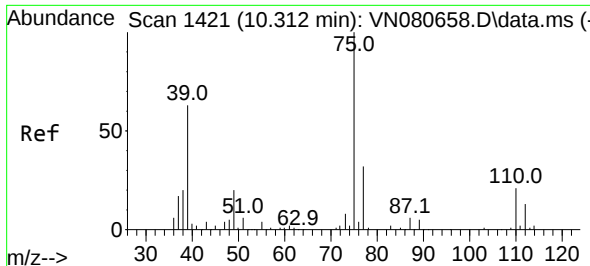
Tgt Ion: 75 Resp: 92865

Ion Ratio Lower Upper

75 100

77 151.5 25.4 38.0#

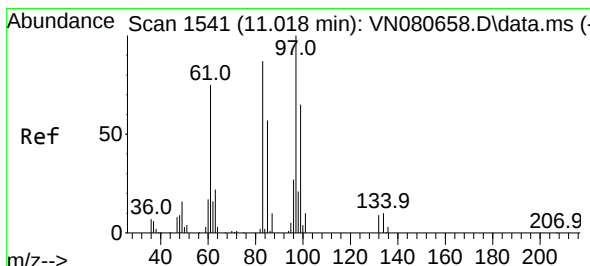
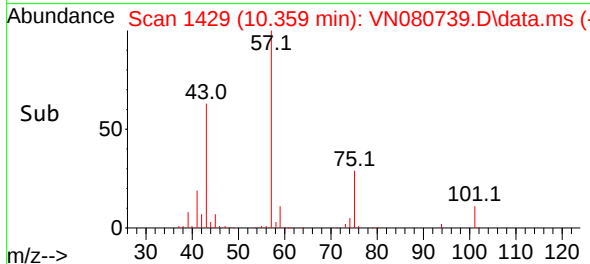
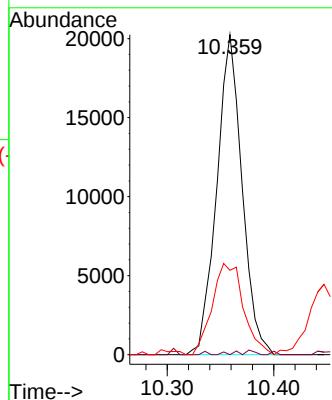
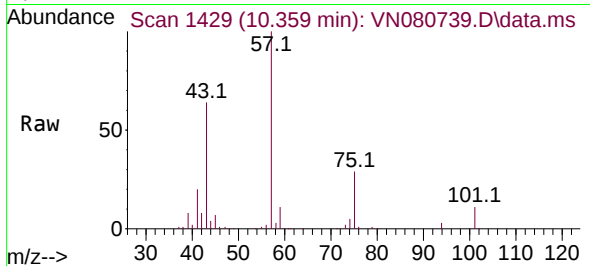




#54
 cis-1,3-Dichloropropene
 Concen: 7.157 ug/l
 RT: 10.359 min Scan# 1429
 Delta R.T. 0.047 min
 Lab File: VN080739.D
 Acq: 22 Jan 2024 15:59

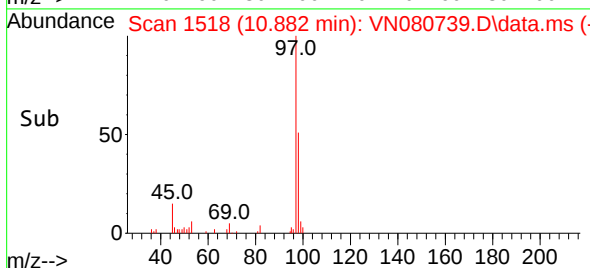
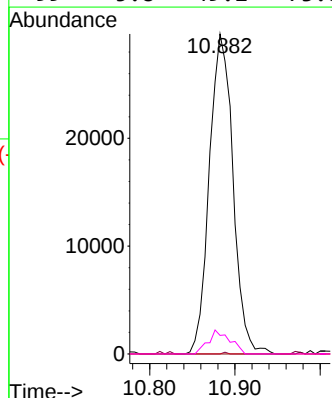
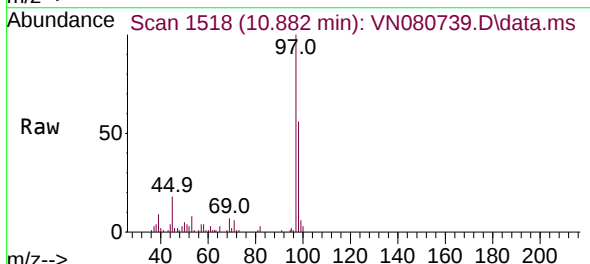
Instrument :
 MSVOA_N
 ClientSampleId :

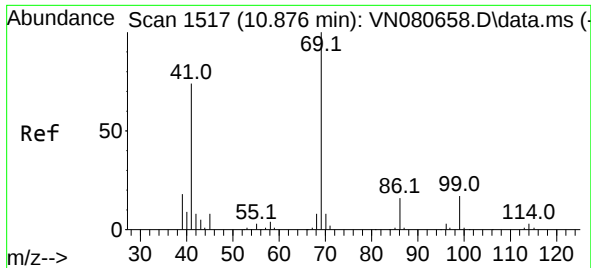
Tgt Ion: 75 Resp: 33353
 Ion Ratio Lower Upper
 75 100
 77 0.0 26.1 39.1#
 39 25.3 31.6 47.4#



#55
 1,1,2-Trichloroethane
 Concen: 24.359 ug/l
 RT: 10.882 min Scan# 1518
 Delta R.T. -0.135 min
 Lab File: VN080739.D
 Acq: 22 Jan 2024 15:59

Tgt Ion: 97 Resp: 57126
 Ion Ratio Lower Upper
 97 100
 83 0.0 65.1 97.7#
 85 0.0 43.4 65.2#
 99 5.8 49.2 73.8#

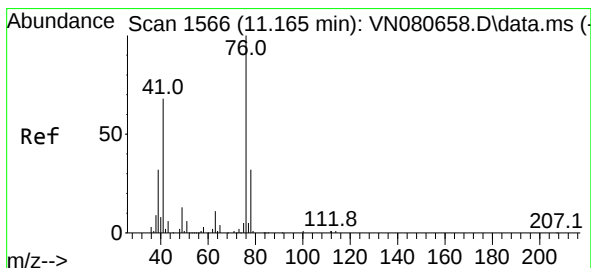
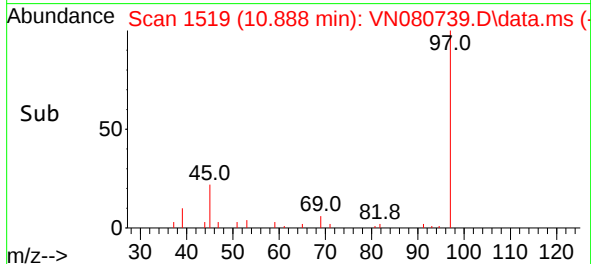
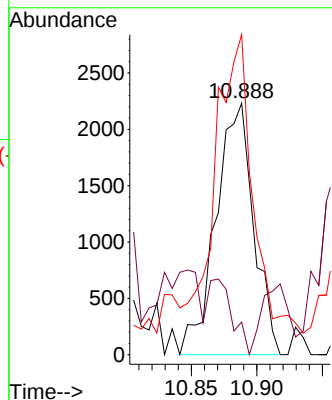
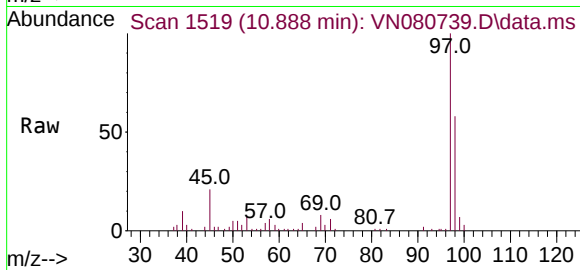




#56
Ethyl methacrylate
Concen: 1.065 ug/l
RT: 10.888 min Scan# 1519
Delta R.T. 0.012 min
Lab File: VN080739.D
Acq: 22 Jan 2024 15:59

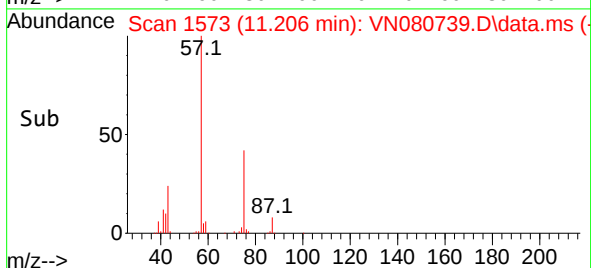
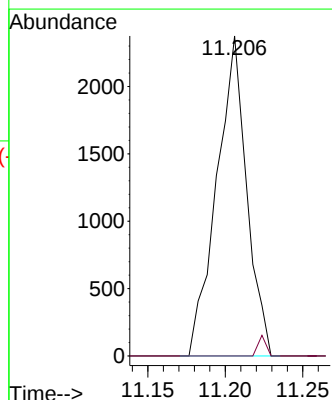
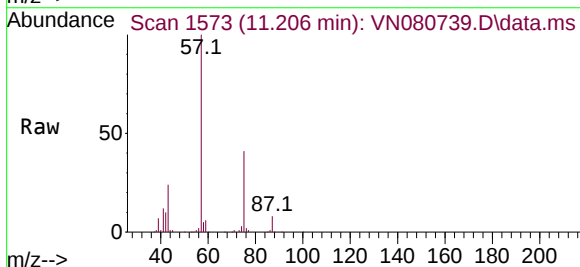
Instrument :
MSVOA_N
ClientSampleId :

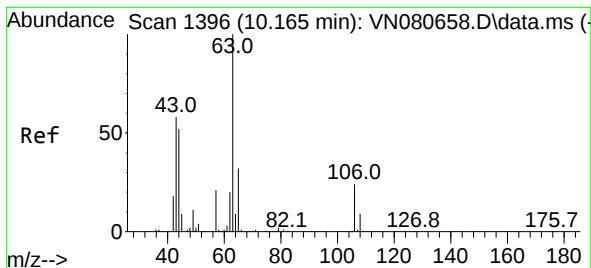
Tgt Ion: 69 Resp: 4472
Ion Ratio Lower Upper
69 100
41 0.0 39.6 59.4#
39 0.0 28.6 43.0#



#57
1,3-Dichloropropane
Concen: 0.746 ug/l
RT: 11.206 min Scan# 1573
Delta R.T. 0.041 min
Lab File: VN080739.D
Acq: 22 Jan 2024 15:59

Tgt Ion: 76 Resp: 3192
Ion Ratio Lower Upper
76 100
78 1.7 26.1 39.1#

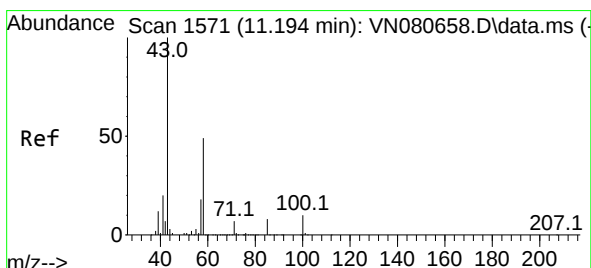
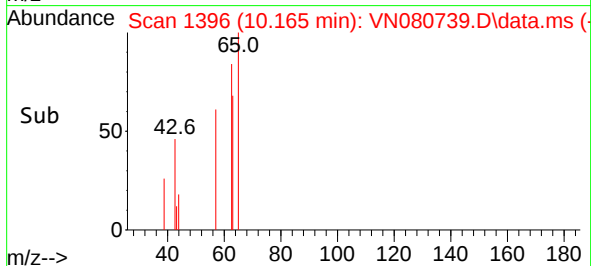
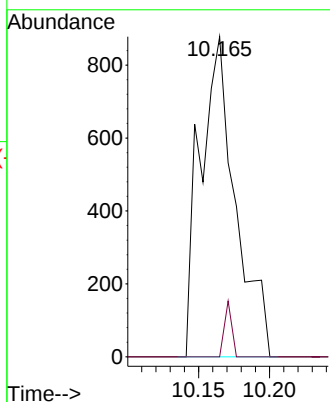
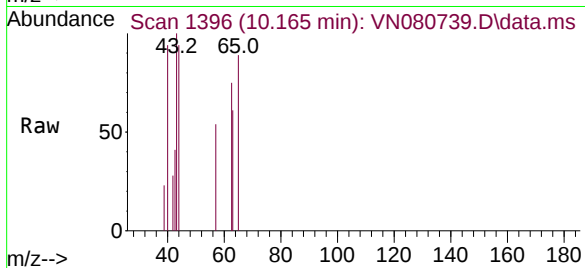




#58
2-Chloroethyl Vinyl ether
Concen: 0.754 ug/l
RT: 10.165 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080739.D
Acq: 22 Jan 2024 15:59

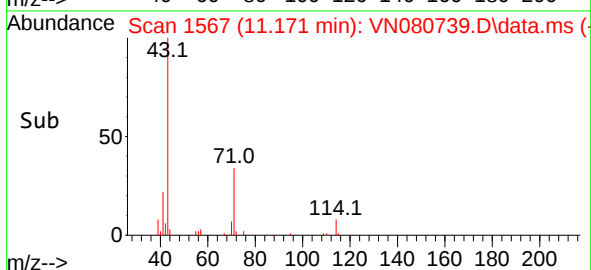
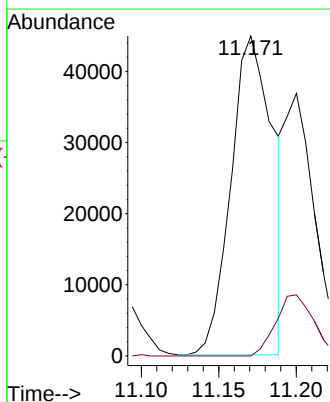
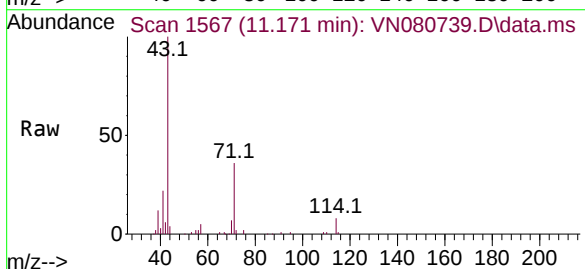
Instrument :
MSVOA_N
ClientSampleId :

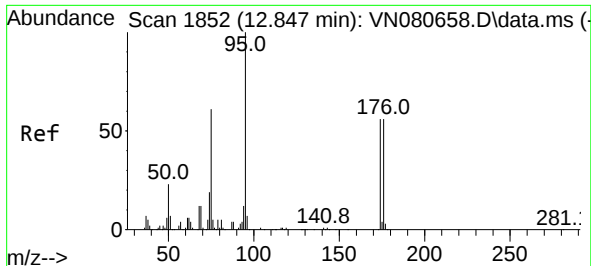
Tgt Ion: 63 Resp: 1517
Ion Ratio Lower Upper
63 100
106 3.6 26.2 39.4#



#59
2-Hexanone
Concen: 31.287 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. -0.023 min
Lab File: VN080739.D
Acq: 22 Jan 2024 15:59

Tgt Ion: 43 Resp: 84015
Ion Ratio Lower Upper
43 100
58 0.0 31.7 95.1#

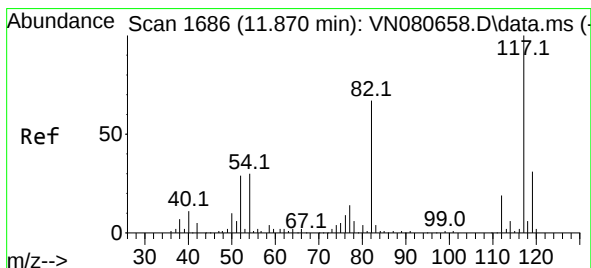
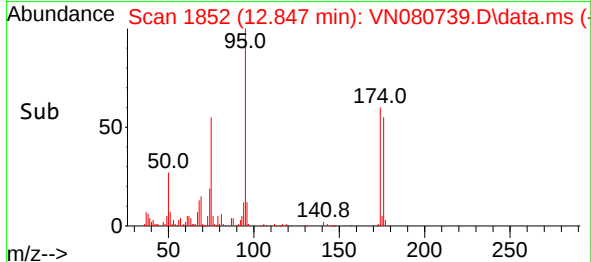
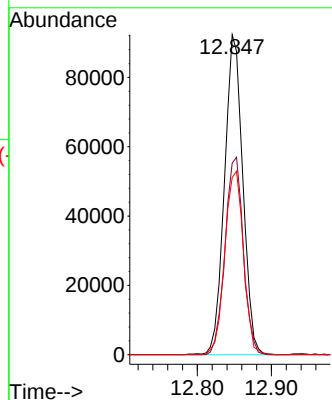
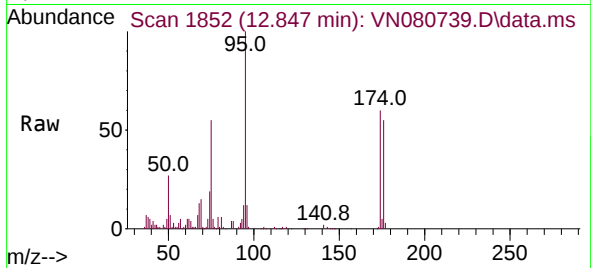




#62
4-Bromofluorobenzene
Concen: 58.732 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080739.D
Acq: 22 Jan 2024 15:59

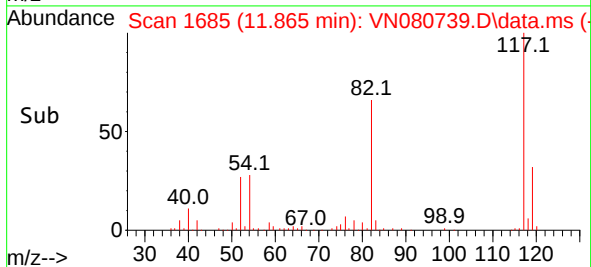
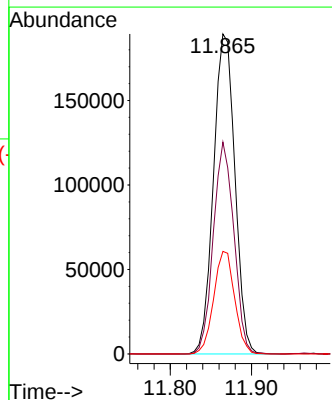
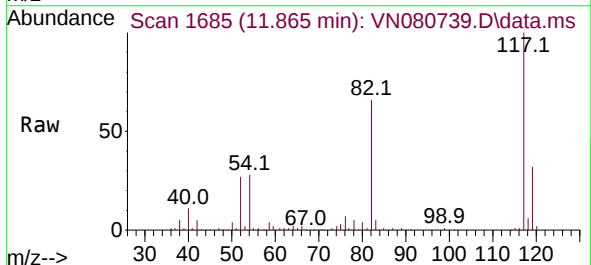
Instrument :
MSVOA_N
ClientSampleId :

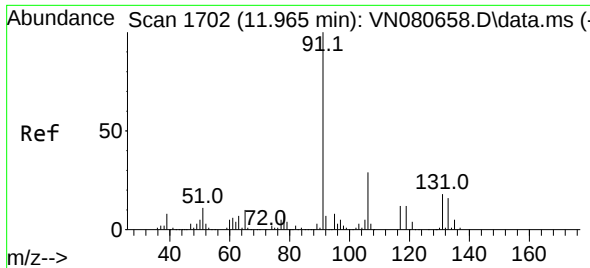
Tgt Ion: 95 Resp: 158593
Ion Ratio Lower Upper
95 100
174 61.1 0.0 143.8
176 58.6 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VN080739.D
Acq: 22 Jan 2024 15:59

Tgt Ion: 117 Resp: 347767
Ion Ratio Lower Upper
117 100
82 66.2 44.0 66.0#
119 32.1 25.6 38.4

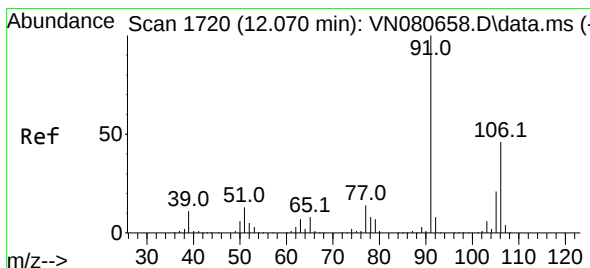
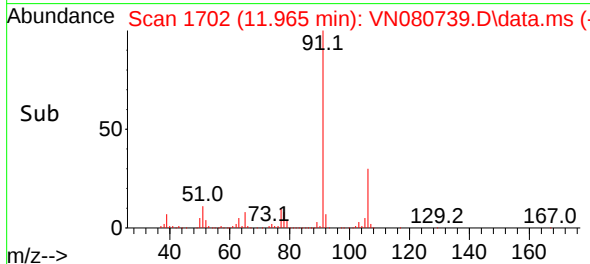
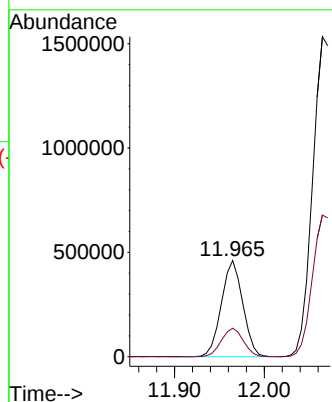
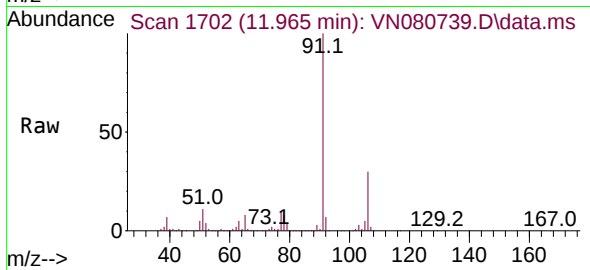




#67
Ethyl Benzene
Concen: 52.471 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080739.D
Acq: 22 Jan 2024 15:59

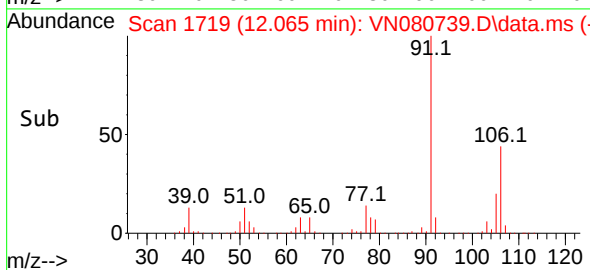
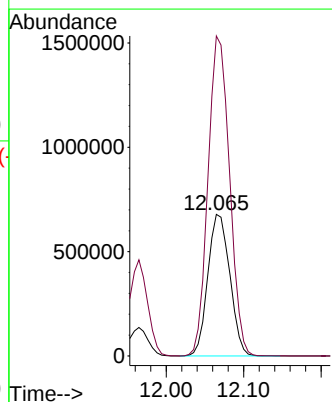
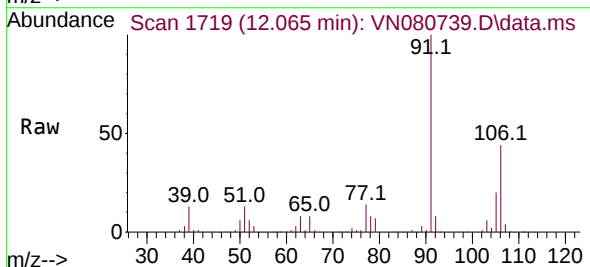
Instrument :
MSVOA_N
ClientSampleId :

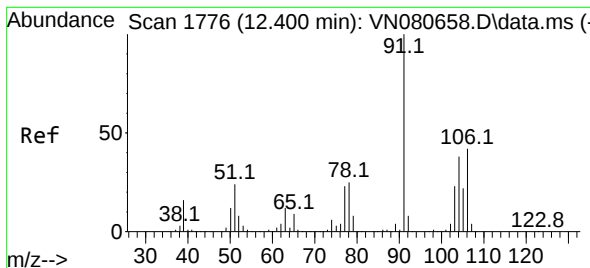
Tgt Ion: 91 Resp: 761274
Ion Ratio Lower Upper
91 100
106 29.6 25.6 38.4



#68
m/p-Xylenes
Concen: 262.234 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN080739.D
Acq: 22 Jan 2024 15:59

Tgt Ion:106 Resp: 1337581
Ion Ratio Lower Upper
106 100
91 221.6 159.6 239.4





#69

o-Xylene

Concen: 182.511 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. 0.000 min

Lab File: VN080739.D

Acq: 22 Jan 2024 15:59

Instrument :

MSVOA_N

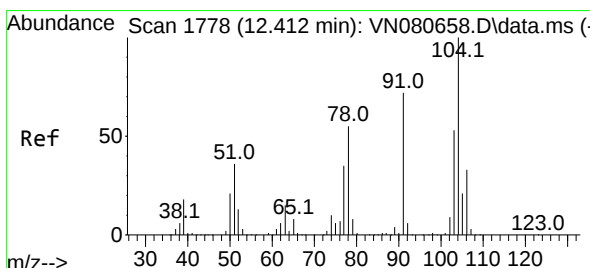
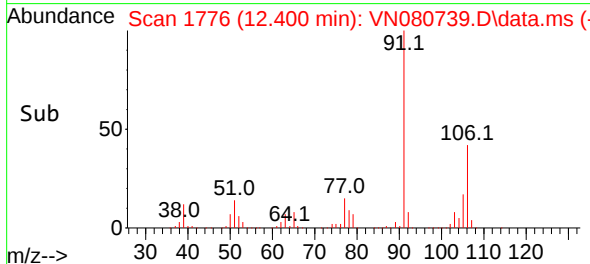
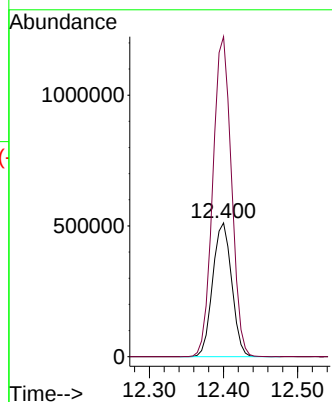
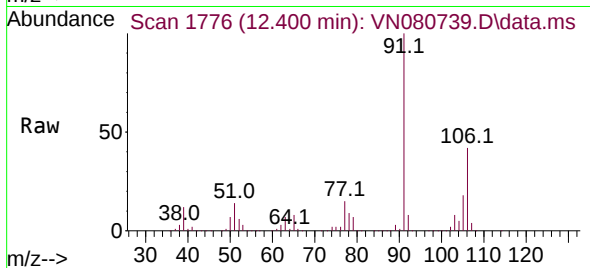
ClientSampleId :

Tgt Ion:106 Resp: 910232

Ion Ratio Lower Upper

106 100

91 234.5 105.2 315.5



#70

Styrene

Concen: 18.156 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VN080739.D

Acq: 22 Jan 2024 15:59

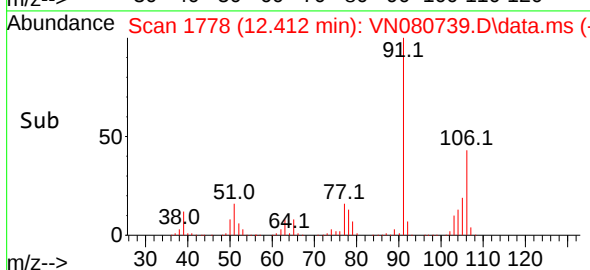
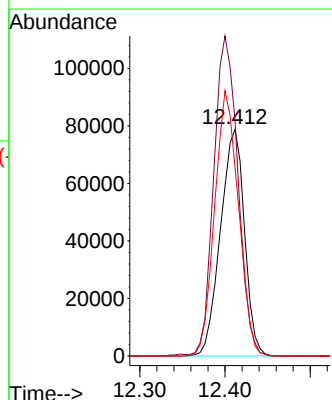
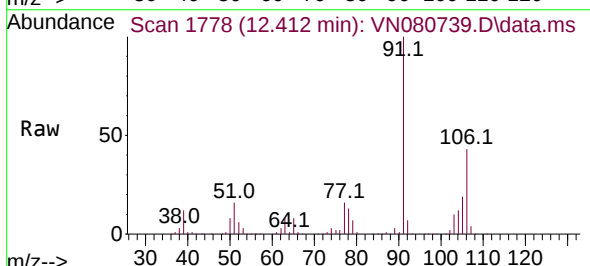
Tgt Ion:104 Resp: 153761

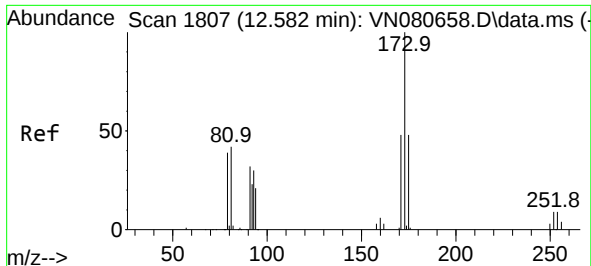
Ion Ratio Lower Upper

104 100

78 142.3 39.5 59.3#

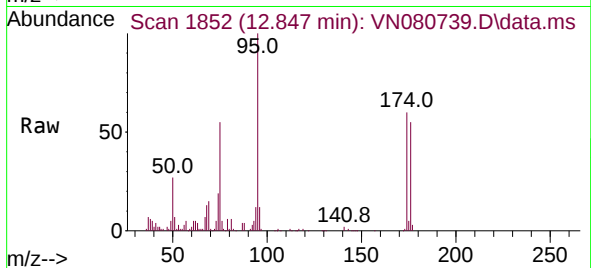
103 116.1 43.2 64.8#



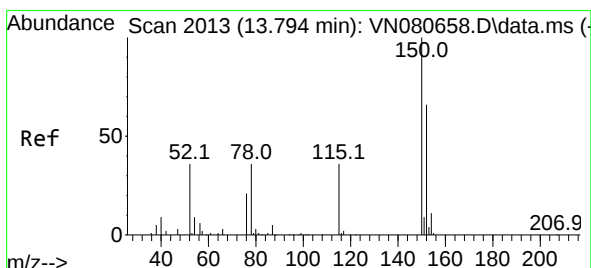
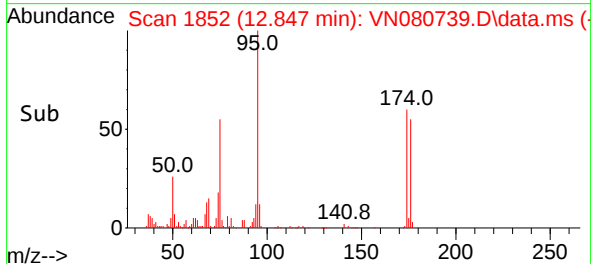
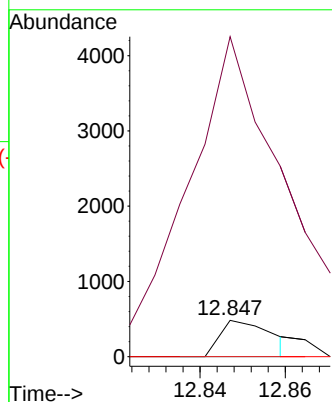


#71
Bromoform
Concen: 0.220 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.265 min
Lab File: VN080739.D
Acq: 22 Jan 2024 15:59

Instrument :
MSVOA_N
ClientSampleId :

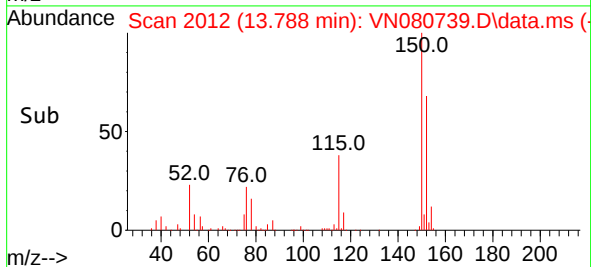
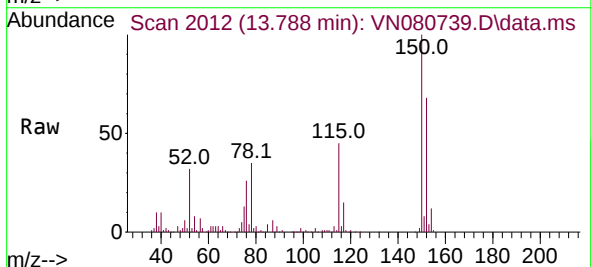
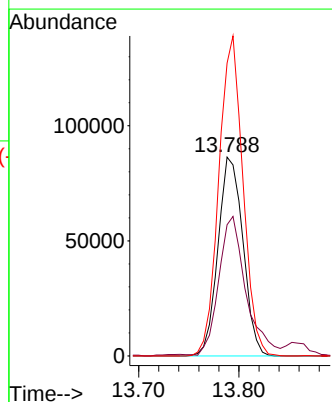


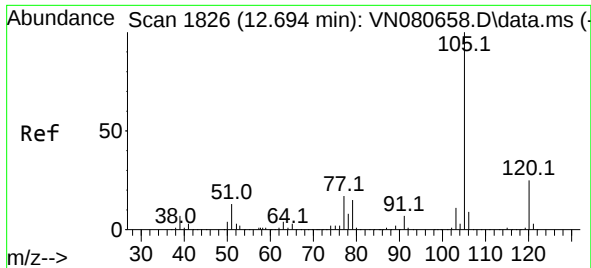
Tgt Ion:173 Resp: 408
Ion Ratio Lower Upper
173 100
175 1406.9 24.3 73.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN080739.D
Acq: 22 Jan 2024 15:59

Tgt Ion:152 Resp: 149113
Ion Ratio Lower Upper
152 100
115 75.5 32.3 96.8
150 155.8 0.0 355.8

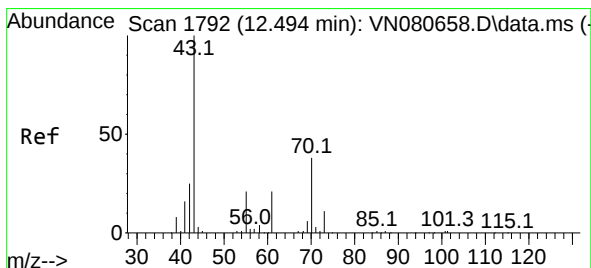
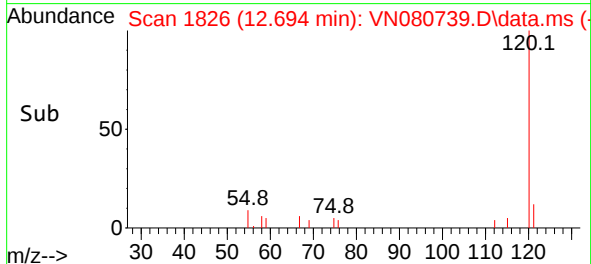
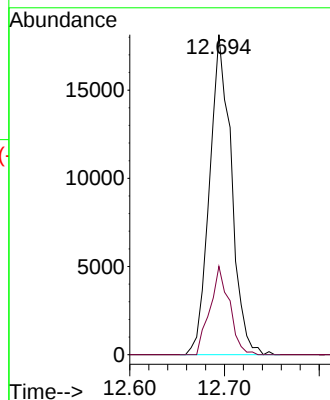
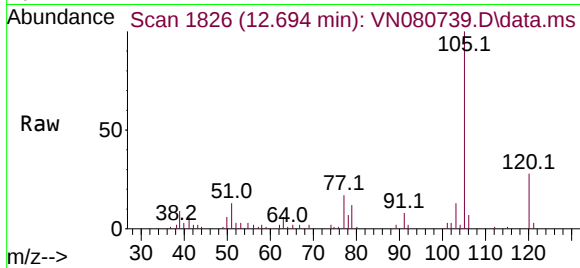




#73
Isopropylbenzene
Concen: 2.045 ug/l
RT: 12.694 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080739.D
Acq: 22 Jan 2024 15:59

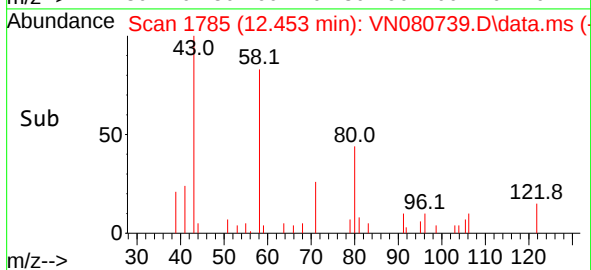
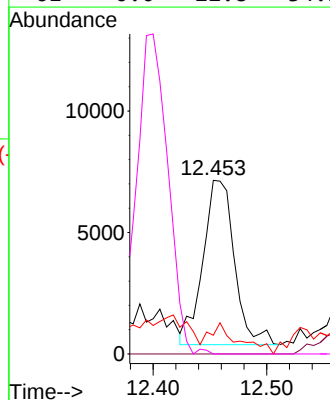
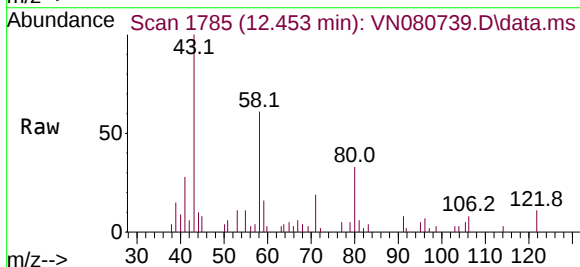
Instrument :
MSVOA_N
ClientSampleId :

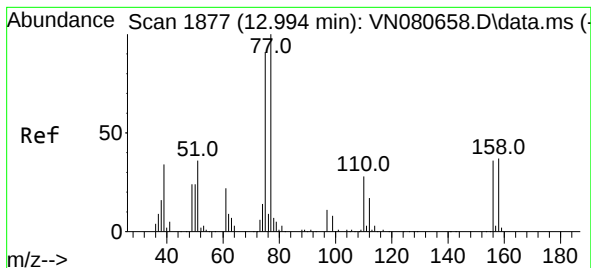
Tgt Ion:105 Resp: 28991
Ion Ratio Lower Upper
105 100
120 24.7 13.1 39.1



#74
N-ethyl acetate
Concen: 1.533 ug/l
RT: 12.453 min Scan# 1785
Delta R.T. -0.041 min
Lab File: VN080739.D
Acq: 22 Jan 2024 15:59

Tgt Ion: 43 Resp: 13044
Ion Ratio Lower Upper
43 100
70 0.0 43.4 65.2#
55 17.4 21.4 32.0#
61 0.0 22.8 34.2#





#76

1,2,3-Trichloropropane

Concen: 19.346 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN080739.D

Acq: 22 Jan 2024 15:59

Instrument :

MSVOA_N

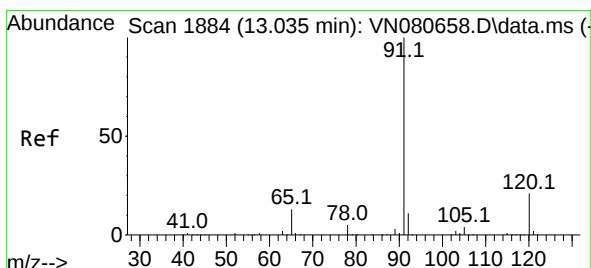
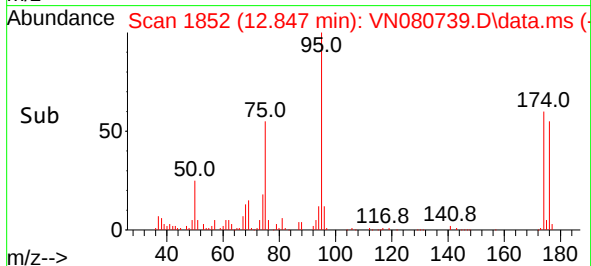
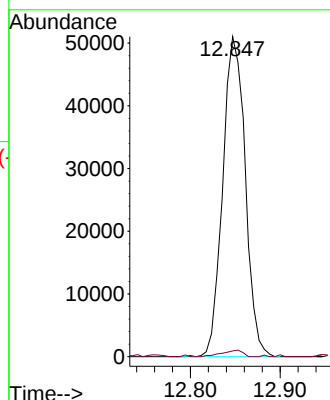
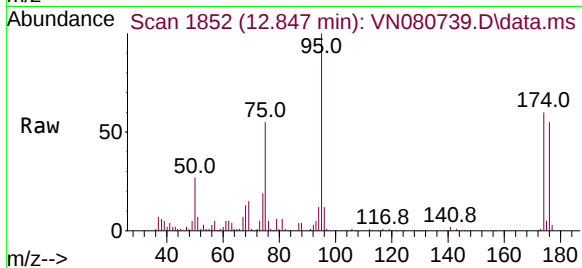
ClientSampleId :

Tgt Ion: 75 Resp: 88952

Ion Ratio Lower Upper

75 100

77 1.8 84.5 253.5#



#78

n-propylbenzene

Concen: 3.603 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN080739.D

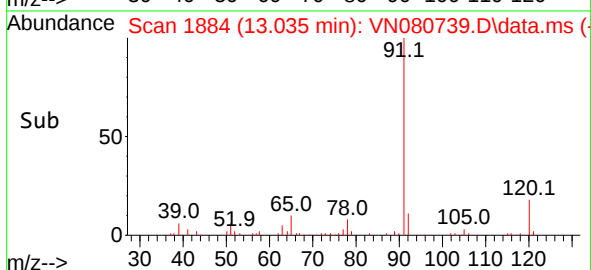
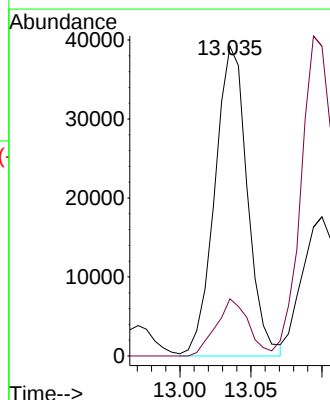
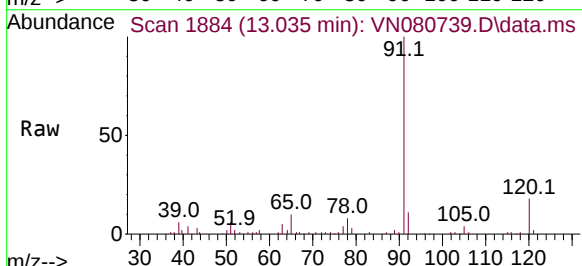
Acq: 22 Jan 2024 15:59

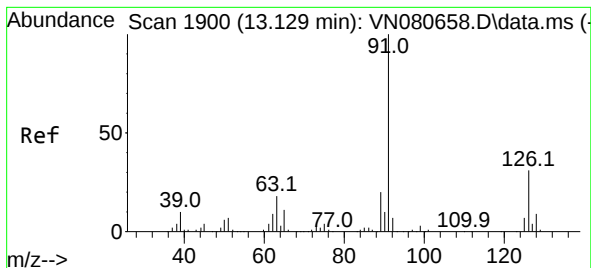
Tgt Ion: 91 Resp: 62671

Ion Ratio Lower Upper

91 100

120 18.4 11.5 34.4





#79

2-Chlorotoluene

Concen: 1.818 ug/l

RT: 13.335 min Scan# 1935

Delta R.T. 0.206 min

Lab File: VN080739.D

Acq: 22 Jan 2024 15:59

Instrument :

MSVOA_N

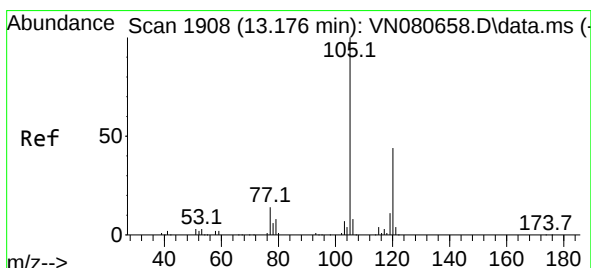
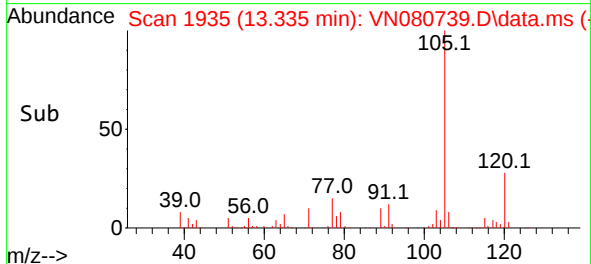
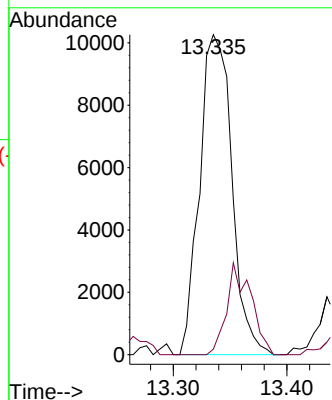
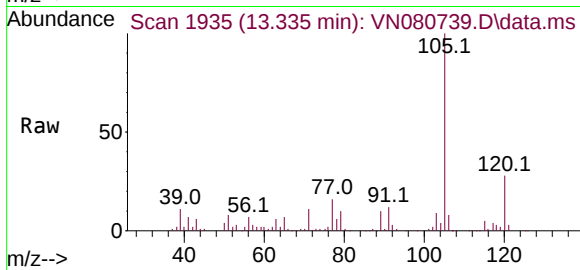
ClientSampleId :

Tgt Ion: 91 Resp: 20261

Ion Ratio Lower Upper

91 100

126 21.6 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 19.845 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN080739.D

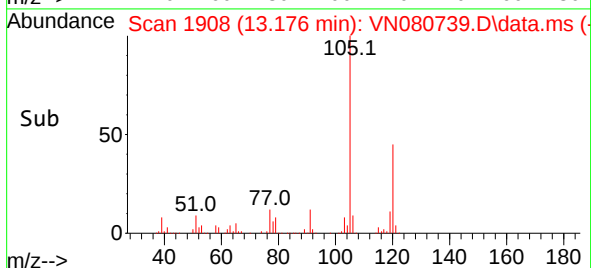
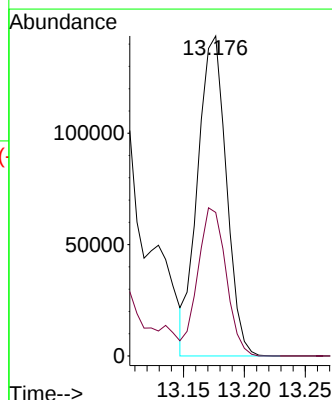
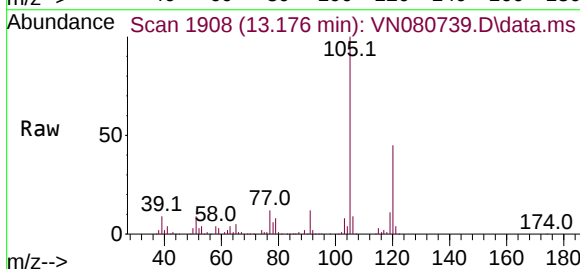
Acq: 22 Jan 2024 15:59

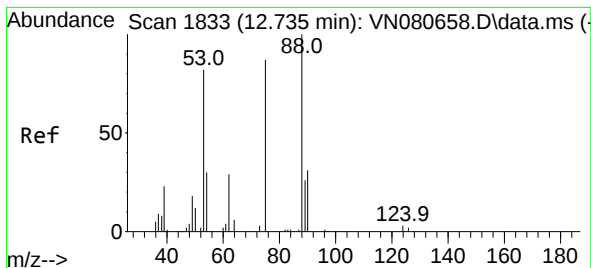
Tgt Ion:105 Resp: 234510

Ion Ratio Lower Upper

105 100

120 45.8 24.1 72.3

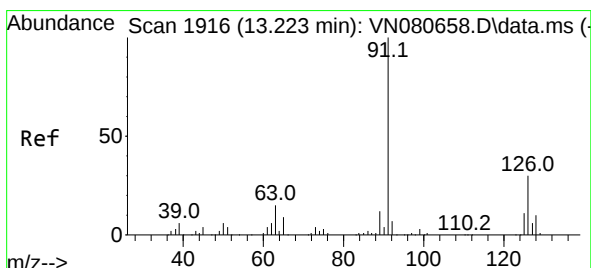
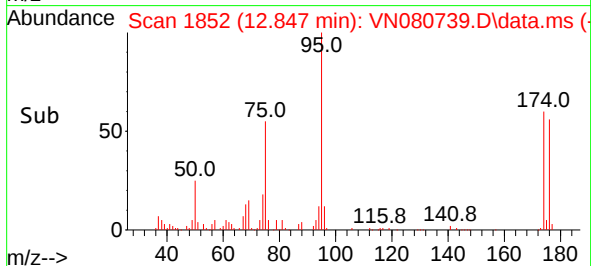
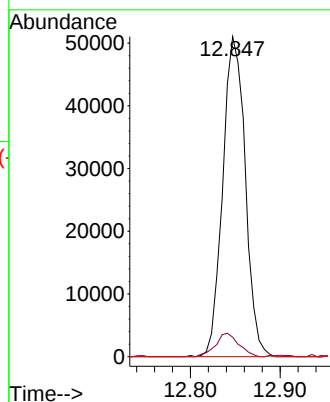
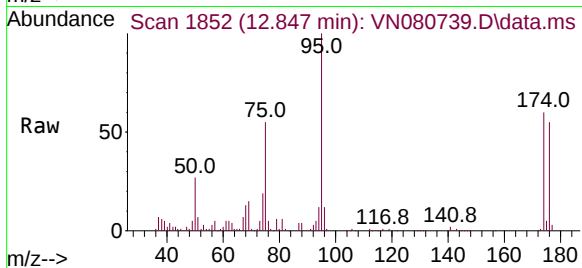




#81
trans-1,4-Dichloro-2-butene
Concen: 45.606 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN080739.D
Acq: 22 Jan 2024 15:59

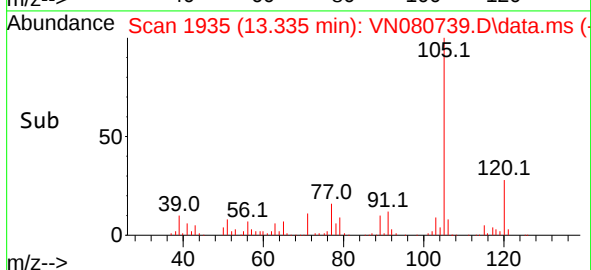
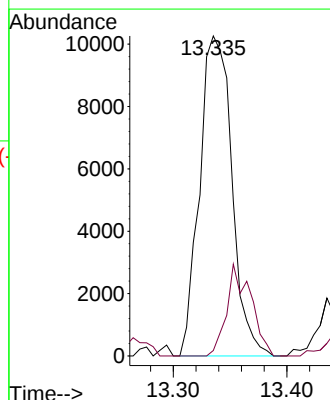
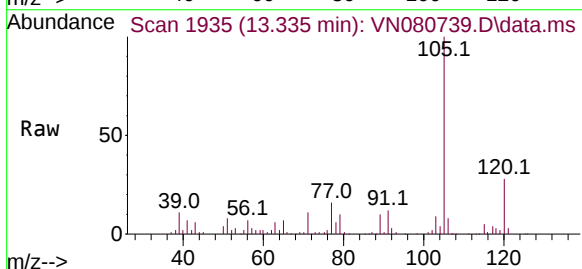
Instrument :
MSVOA_N
ClientSampleId :

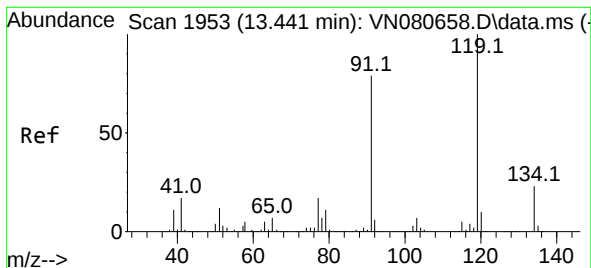
Tgt Ion: 75 Resp: 88952
Ion Ratio Lower Upper
75 100
53 7.5 67.4 101.2#
89 0.0 38.8 58.2#



#82
4-Chlorotoluene
Concen: 1.854 ug/l
RT: 13.335 min Scan# 1935
Delta R.T. 0.112 min
Lab File: VN080739.D
Acq: 22 Jan 2024 15:59

Tgt Ion: 91 Resp: 20261
Ion Ratio Lower Upper
91 100
126 21.6 16.7 50.0

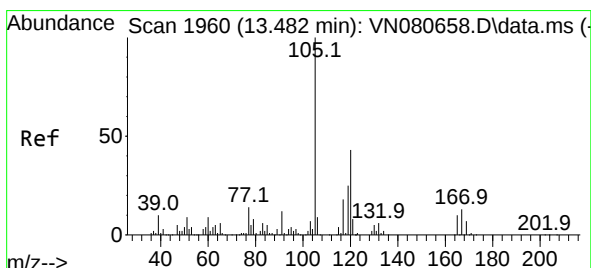
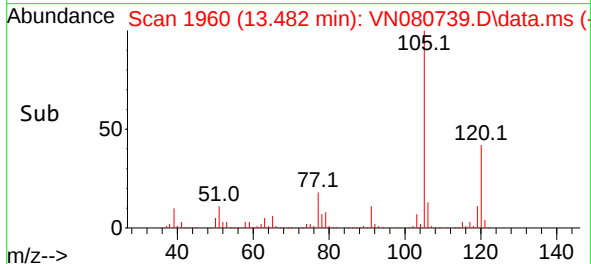
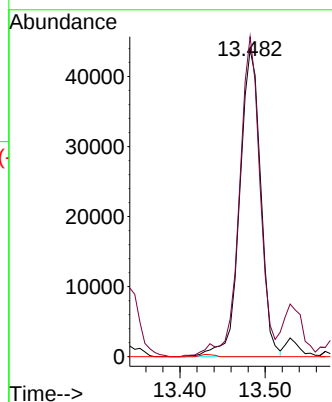
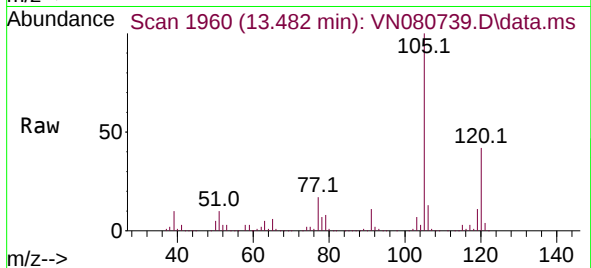




#83
 tert-Butylbenzene
 Concen: 7.937 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.041 min
 Lab File: VN080739.D
 Acq: 22 Jan 2024 15:59

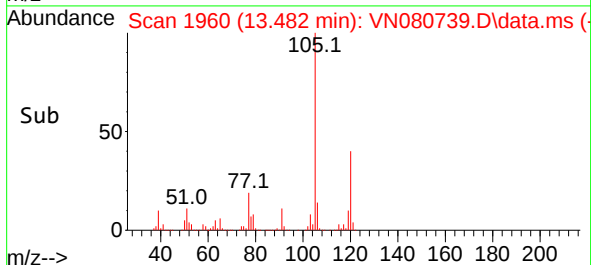
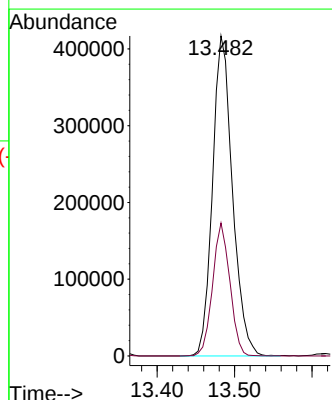
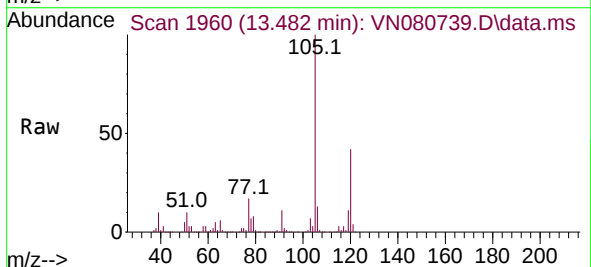
Instrument :
 MSVOA_N
 ClientSampleId :

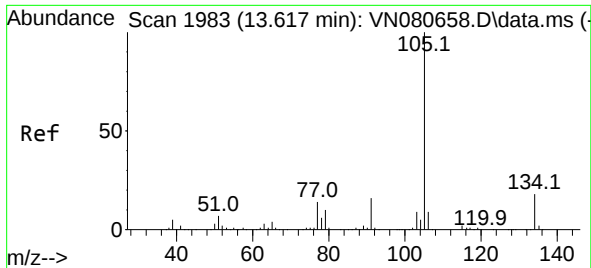
Tgt Ion:119 Resp: 74981
 Ion Ratio Lower Upper
 119 100
 91 102.9 33.9 101.7#
 134 0.0 13.2 39.6#



#84
 1,2,4-Trimethylbenzene
 Concen: 64.175 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.000 min
 Lab File: VN080739.D
 Acq: 22 Jan 2024 15:59

Tgt Ion:105 Resp: 745704
 Ion Ratio Lower Upper
 105 100
 120 36.0 22.0 66.0

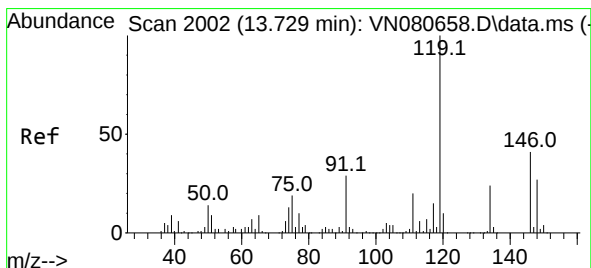
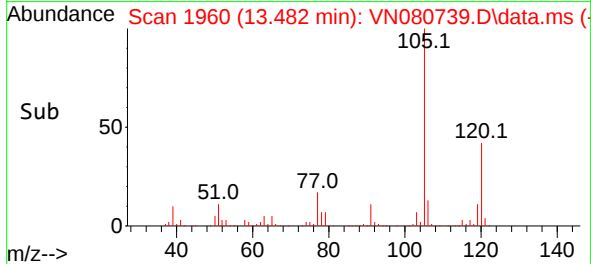
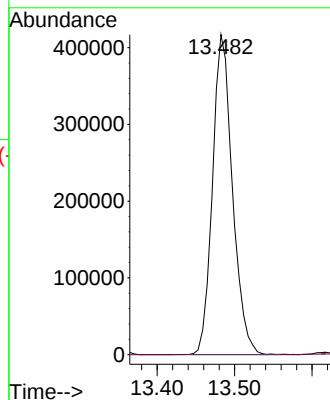
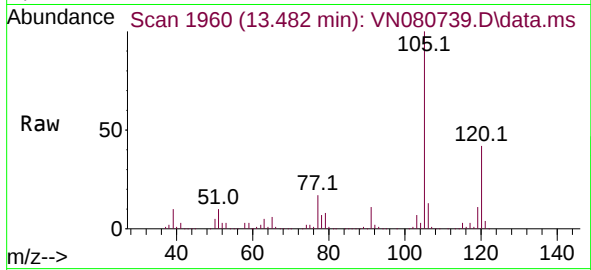




#85
 sec-Butylbenzene
 Concen: 55.555 ug/l
 RT: 13.482 min Scan# 1983
 Delta R.T. -0.135 min
 Lab File: VN080739.D
 Acq: 22 Jan 2024 15:59

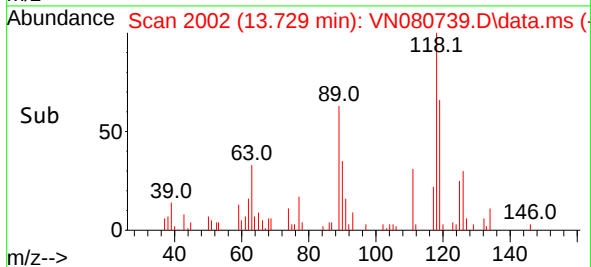
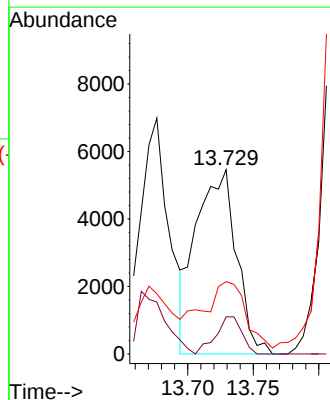
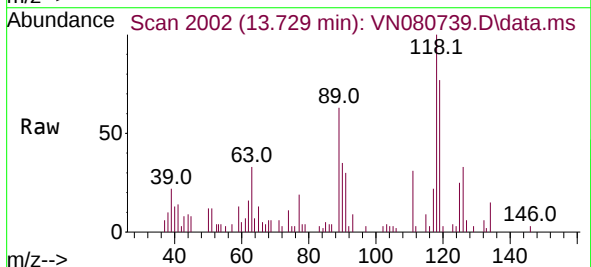
Instrument :
 MSVOA_N
 ClientSampleId :

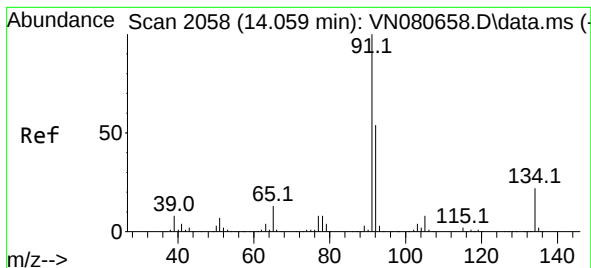
Tgt Ion:105 Resp: 745704
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.8 29.3#



#86
 p-Isopropyltoluene
 Concen: 1.101 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN080739.D
 Acq: 22 Jan 2024 15:59

Tgt Ion:119 Resp: 11673
 Ion Ratio Lower Upper
 119 100
 134 13.1 12.6 37.8
 91 25.5 12.4 37.2





#89

n-Butylbenzene

Concen: 0.440 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN080739.D

Acq: 22 Jan 2024 15:59

Instrument :

MSVOA_N

ClientSampleId :

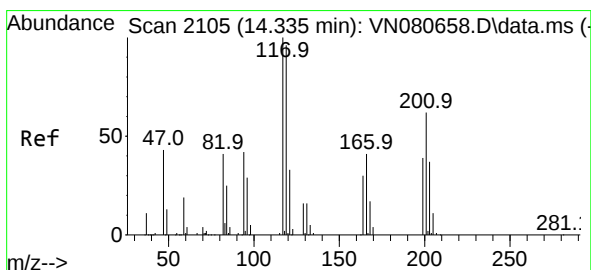
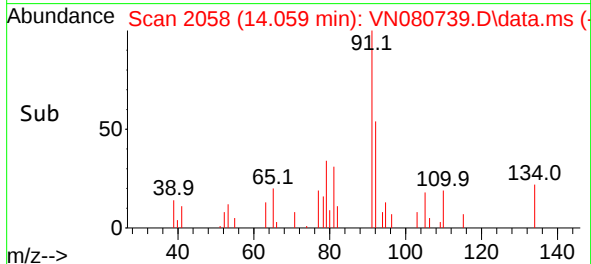
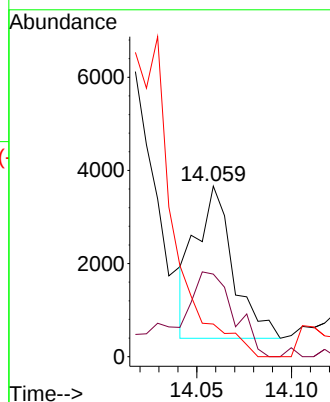
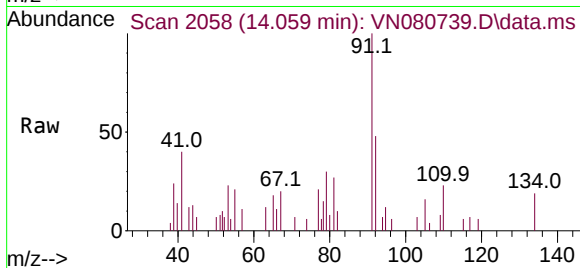
Tgt Ion: 91 Resp: 4501

Ion Ratio Lower Upper

91 100

92 78.1 26.4 79.0

134 0.0 12.6 37.6#



#90

Hexachloroethane

Concen: 1.362 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN080739.D

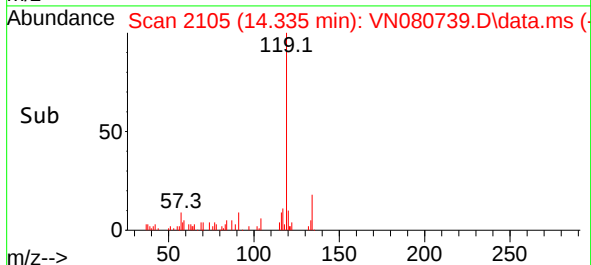
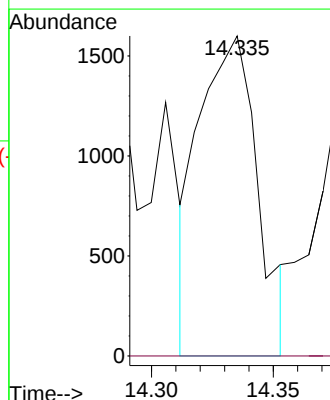
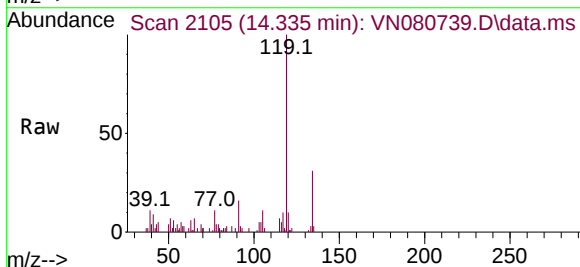
Acq: 22 Jan 2024 15:59

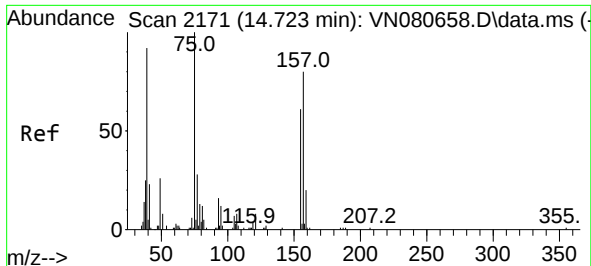
Tgt Ion: 117 Resp: 2677

Ion Ratio Lower Upper

117 100

201 0.0 29.3 88.0#

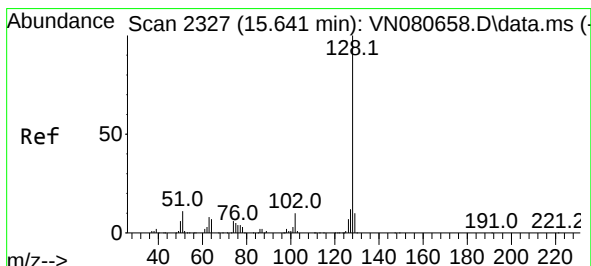
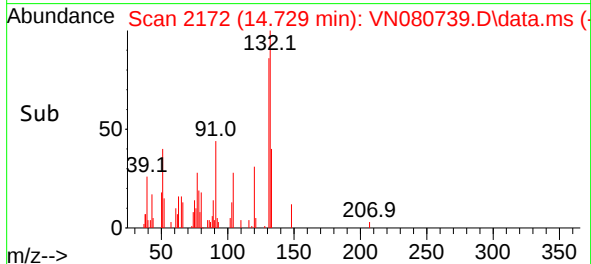
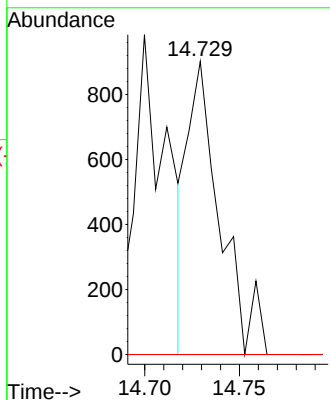
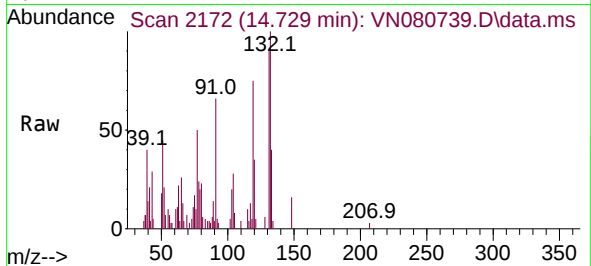




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.647 ug/l
RT: 14.729 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VN080739.D
Acq: 22 Jan 2024 15:59

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 1081
Ion Ratio Lower Upper
75 100
155 0.0 39.1 117.2#
157 0.0 50.3 150.9#



#95
Naphthalene
Concen: 510.994 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN080739.D
Acq: 22 Jan 2024 15:59

Tgt Ion:128 Resp: 5309076
Ion Ratio Lower Upper
128 100
127 13.0 10.0 15.0
129 10.9 8.7 13.1

