

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082724\
 Data File : VN083499.D
 Acq On : 27 Aug 2024 10:28
 Operator : JC\MD
 Sample : P3716-09RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 28 01:41:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

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

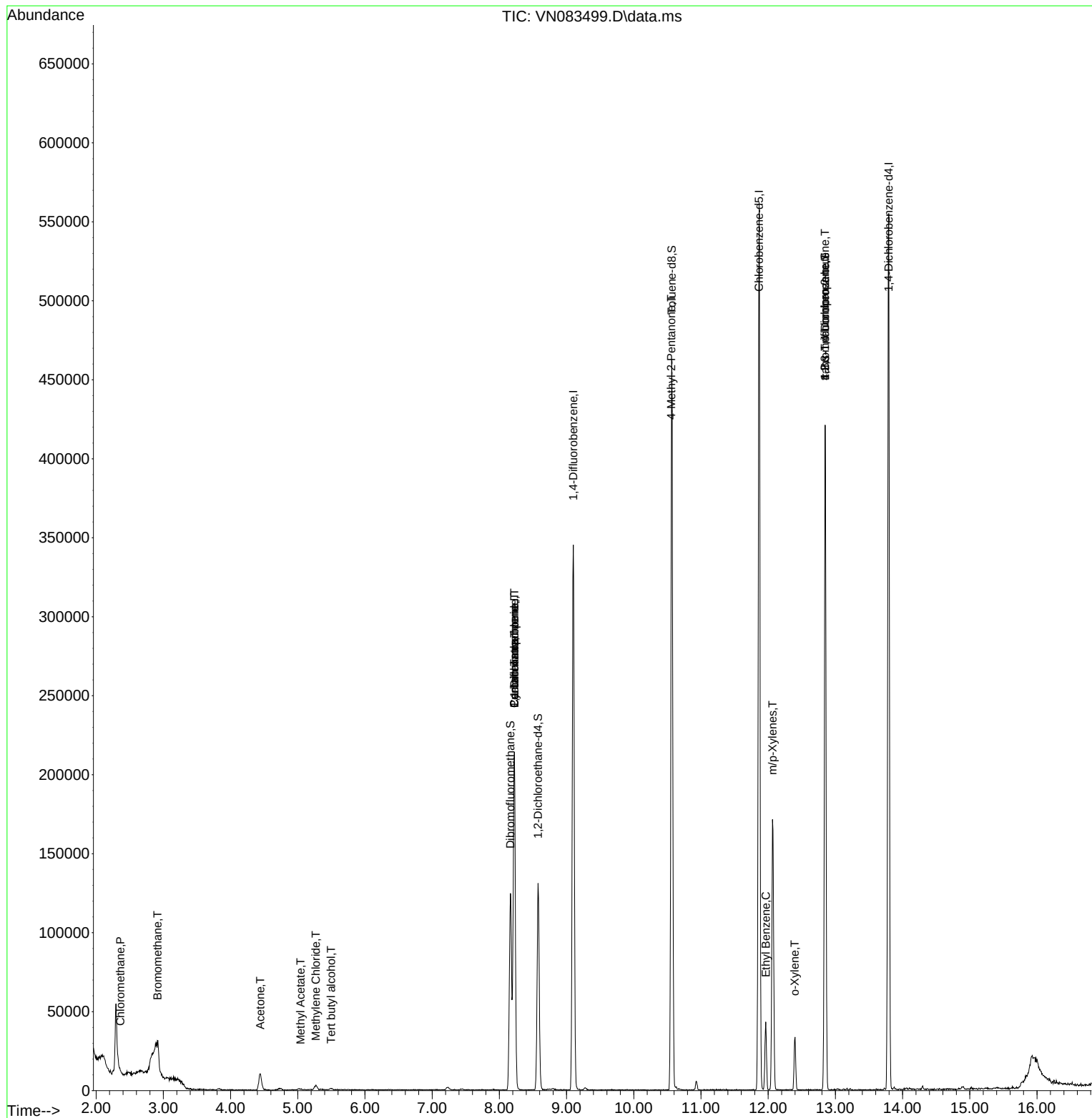
Internal Standards						
1) Pentafluorobenzene	8.224	168	147634	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	291610	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	309738	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	144572	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	111311	52.970	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 105.940%		
35) Dibromofluoromethane	8.165	113	88480	48.611	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 97.220%		
50) Toluene-d8	10.565	98	313498	46.173	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 92.340%		
62) 4-Bromofluorobenzene	12.847	95	143356	54.158	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 108.320%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	1134	0.662	ug/l #	77
5) Bromomethane	2.912	94	221	0.204	ug/l #	25
11) Tert butyl alcohol	5.494	59	632	1.447	ug/l #	71
16) Acetone	4.442	43	1729	2.103	ug/l	93
18) Methyl Acetate	5.042	43	1523	0.622	ug/l #	64
20) Methylene Chloride	5.271	84	2092	1.105	ug/l #	75
31) Cyclohexane	8.224	56	3873	1.244	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	13723	4.984	ug/l #	51
38) Carbon Tetrachloride	8.224	117	17038	5.494	ug/l #	17
43) Isopropyl Acetate	8.682	43	59	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.559	43	1551	0.532	ug/l #	1
67) Ethyl Benzene	11.965	91	31207	2.485	ug/l	96
68) m/p-Xylenes	12.065	106	53090	11.287	ug/l	94
69) o-Xylene	12.394	106	9040	1.949	ug/l	97
76) 1,2,3-Trichloropropane	12.847	75	80346	25.322	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	80346	55.081	ug/l #	6

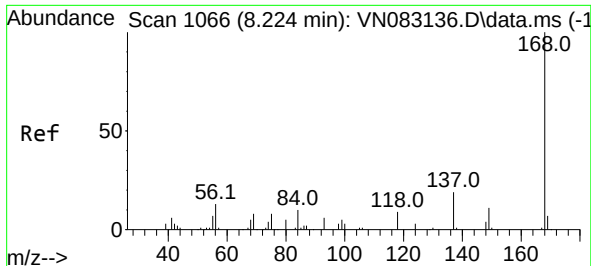
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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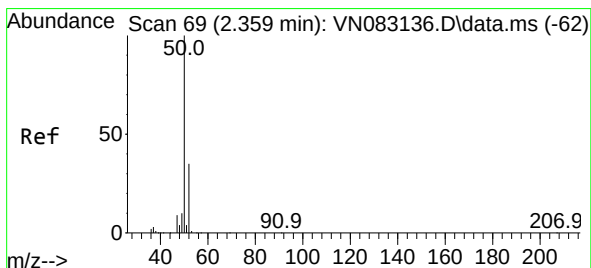
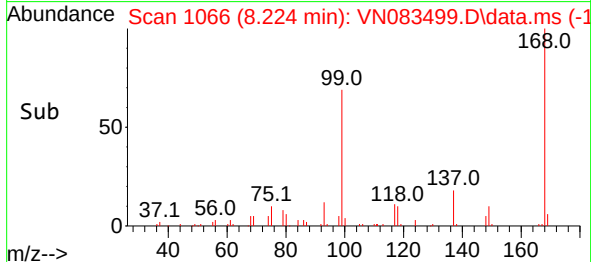
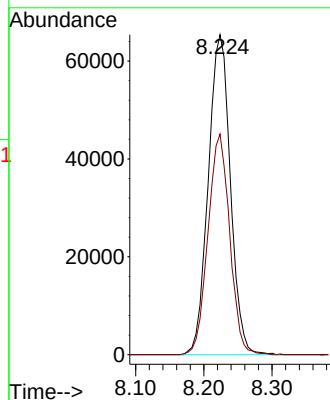
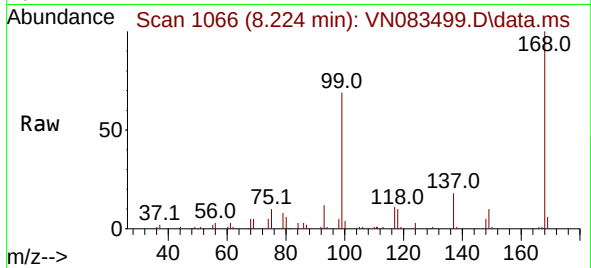




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083499.D
Acq: 27 Aug 2024 10:28

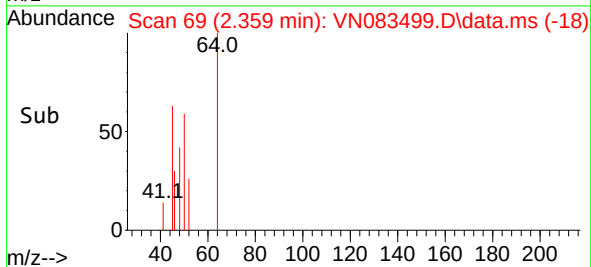
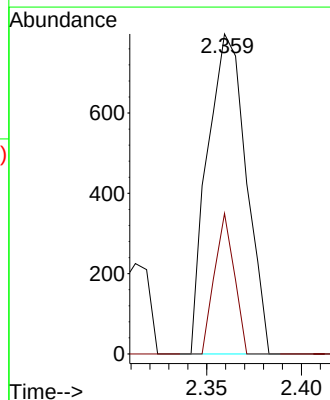
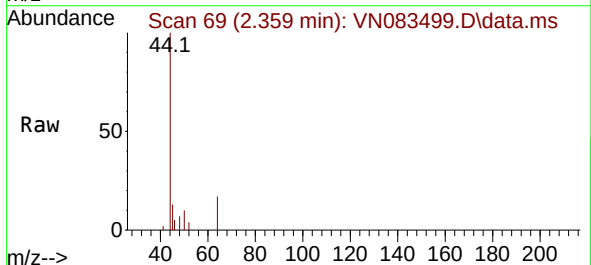
Instrument :
MSVOA_N
ClientSampleId :

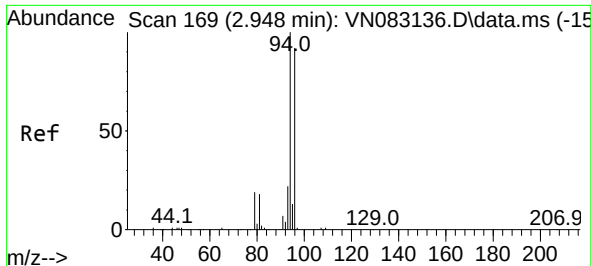
Tgt Ion:168 Resp: 147634
Ion Ratio Lower Upper
168 100
99 69.0 48.2 72.4



#3
Chloromethane
Concen: 0.662 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN083499.D
Acq: 27 Aug 2024 10:28

Tgt Ion: 50 Resp: 1134
Ion Ratio Lower Upper
50 100
52 43.9 25.0 37.4#

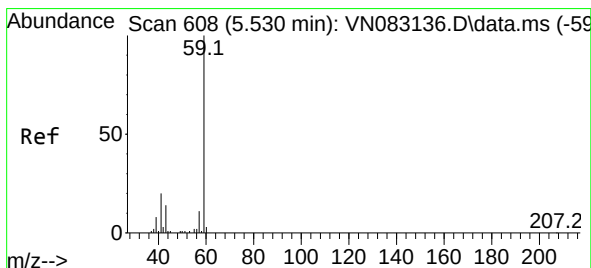
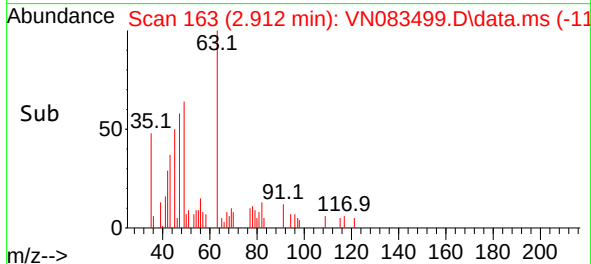
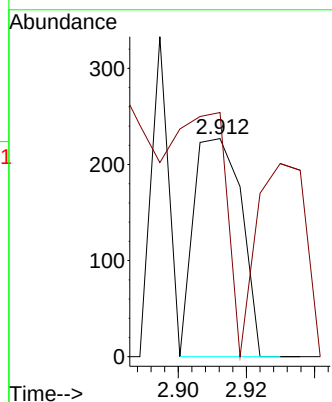
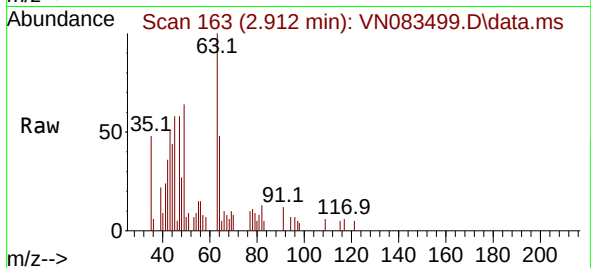




#5
Bromomethane
Concen: 0.204 ug/l
RT: 2.912 min Scan# 1
Delta R.T. -0.035 min
Lab File: VN083499.D
Acq: 27 Aug 2024 10:28

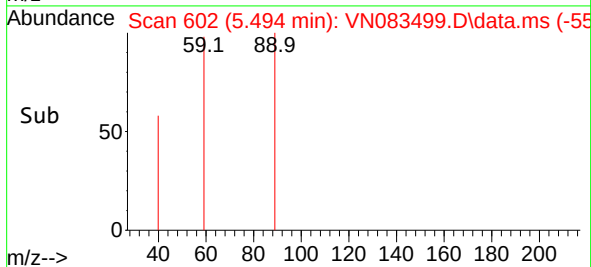
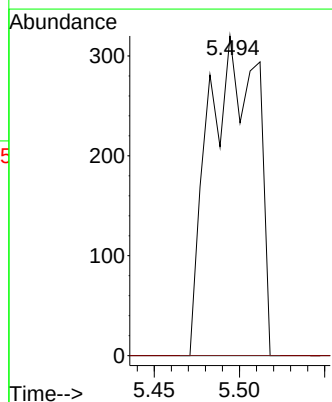
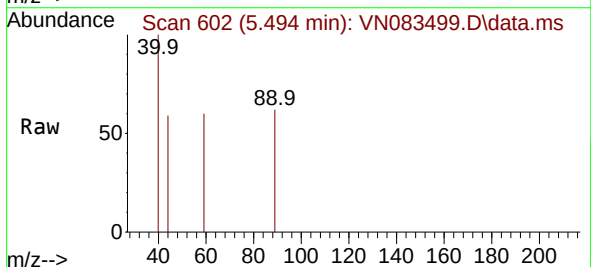
Instrument :
MSVOA_N
ClientSampleId :

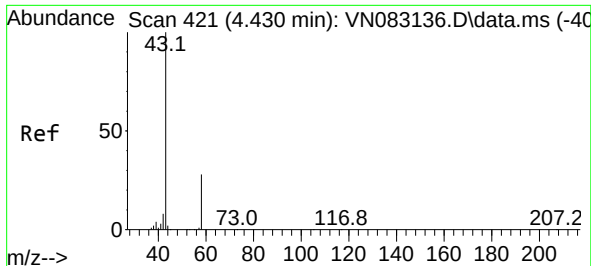
Tgt Ion: 94 Resp: 221
Ion Ratio Lower Upper
94 100
96 23.3 78.0 117.0#



#11
Tert butyl alcohol
Concen: 1.447 ug/l
RT: 5.494 min Scan# 602
Delta R.T. -0.035 min
Lab File: VN083499.D
Acq: 27 Aug 2024 10:28

Tgt Ion: 59 Resp: 632
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#

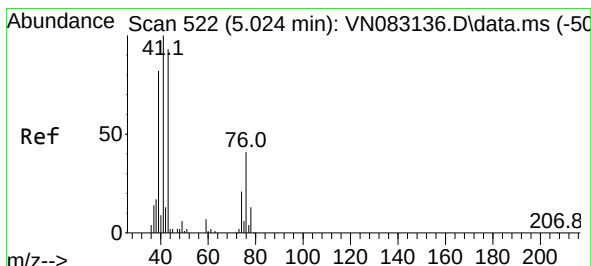
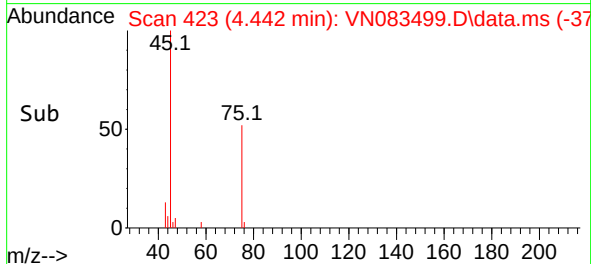
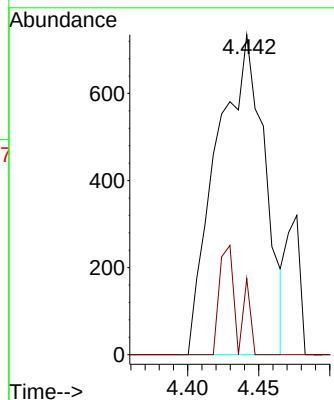
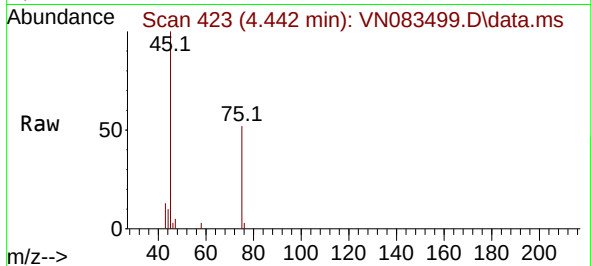




#16
Acetone
Concen: 2.103 ug/l
RT: 4.442 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN083499.D
Acq: 27 Aug 2024 10:28

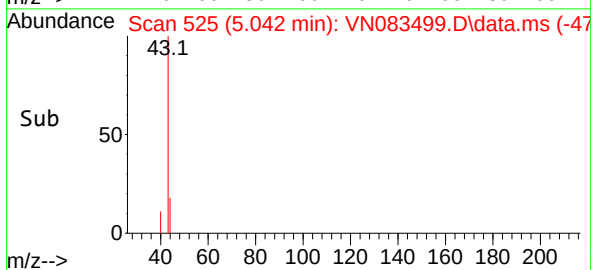
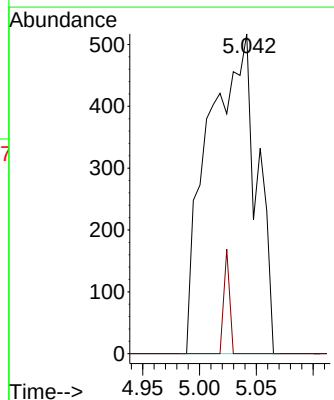
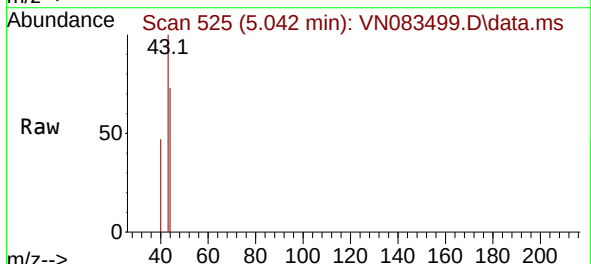
Instrument :
MSVOA_N
ClientSampleId :

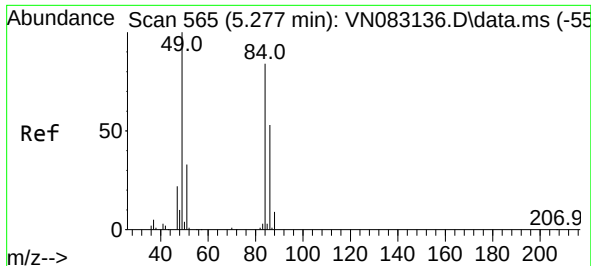
Tgt Ion: 43 Resp: 1729
Ion Ratio Lower Upper
43 100
58 23.8 21.8 32.6



#18
Methyl Acetate
Concen: 0.622 ug/l
RT: 5.042 min Scan# 525
Delta R.T. 0.018 min
Lab File: VN083499.D
Acq: 27 Aug 2024 10:28

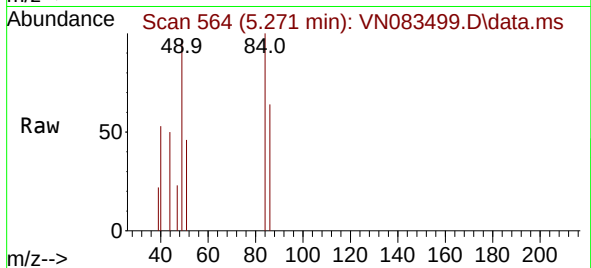
Tgt Ion: 43 Resp: 1523
Ion Ratio Lower Upper
43 100
74 3.9 16.3 24.5#



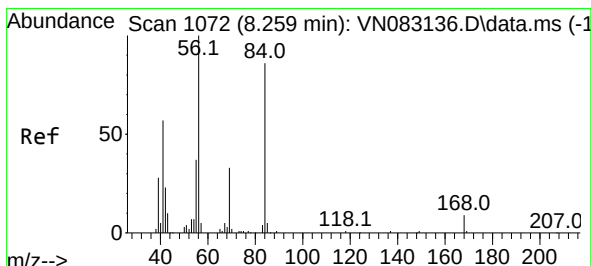
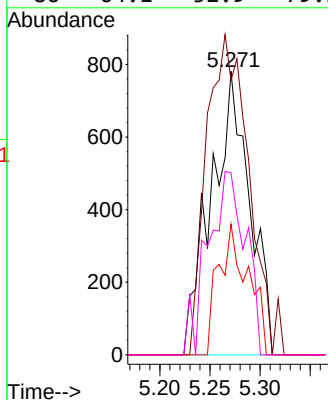
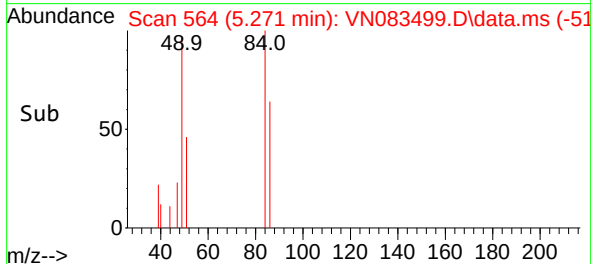


#20
Methylene Chloride
Concen: 1.105 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN083499.D
Acq: 27 Aug 2024 10:28

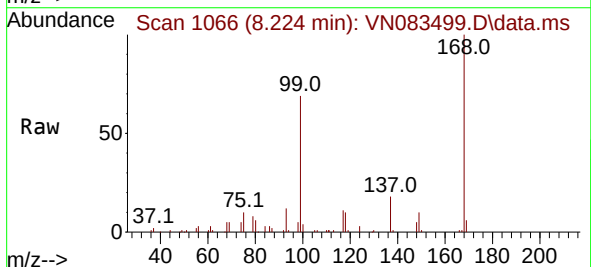
Instrument :
MSVOA_N
ClientSampleId :



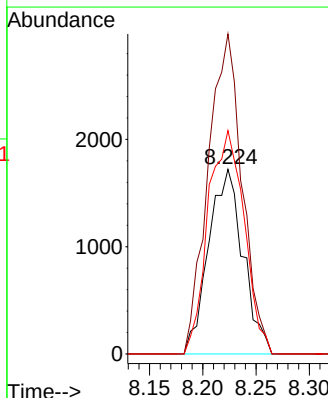
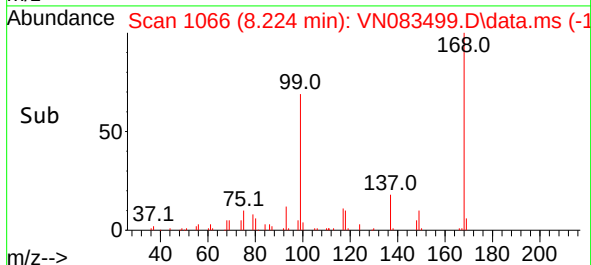
Tgt Ion:	84	Resp:	2092
Ion	Ratio	Lower	Upper
84	100		
49	96.8	119.6	179.4#
51	46.1	34.8	52.2
86	64.1	52.9	79.3

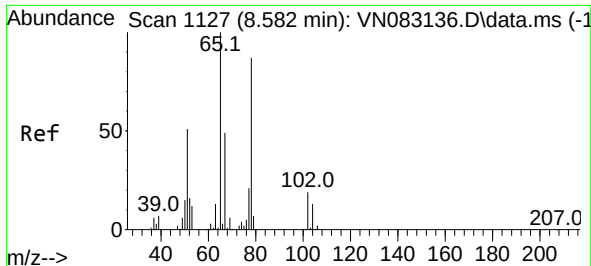


#31
Cyclohexane
Concen: 1.244 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN083499.D
Acq: 27 Aug 2024 10:28



Tgt Ion:	56	Resp:	3873
Ion	Ratio	Lower	Upper
56	100		
69	173.3	24.5	36.7#
84	121.0	66.0	99.0#





#33

1,2-Dichloroethane-d4

Concen: 52.970 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.005 min

Lab File: VN083499.D

Acq: 27 Aug 2024 10:28

Instrument :

MSVOA_N

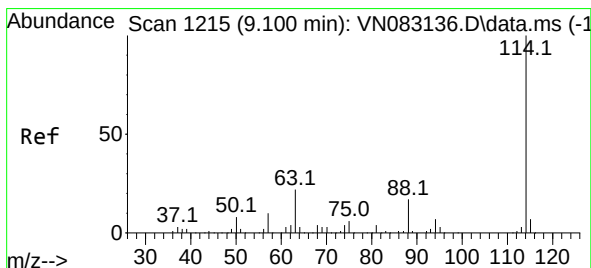
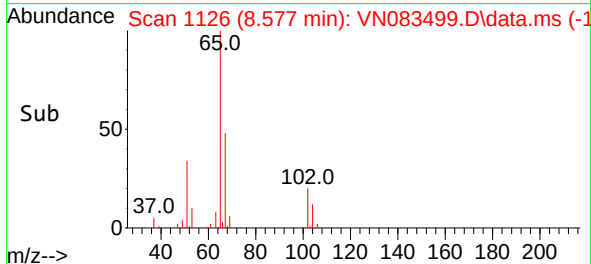
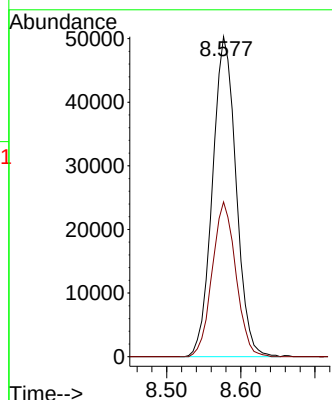
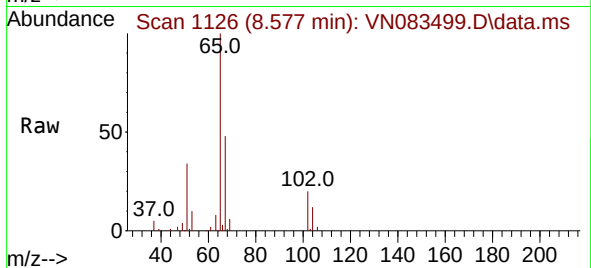
ClientSampleId :

Tgt Ion: 65 Resp: 111311

Ion Ratio Lower Upper

65 100

67 48.4 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN083499.D

Acq: 27 Aug 2024 10:28

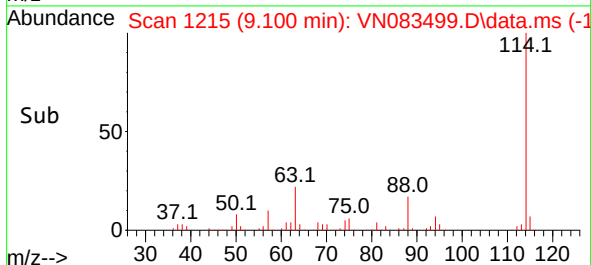
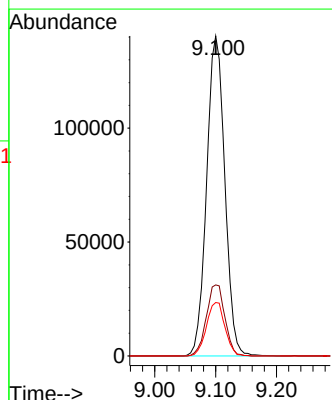
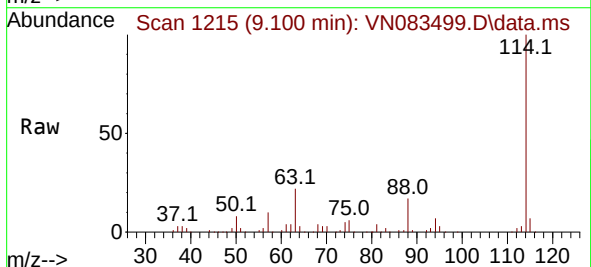
Tgt Ion: 114 Resp: 291610

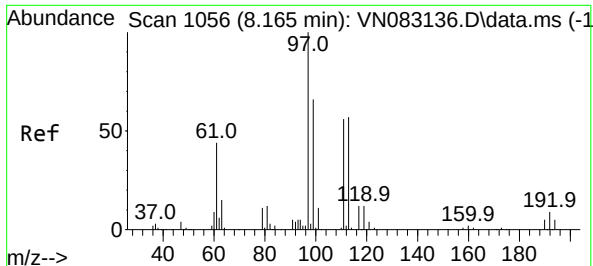
Ion Ratio Lower Upper

114 100

63 22.2 0.0 44.6

88 16.7 0.0 31.4





#35

Dibromofluoromethane

Concen: 48.611 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083499.D

Acq: 27 Aug 2024 10:28

Instrument :

MSVOA_N

ClientSampleId :

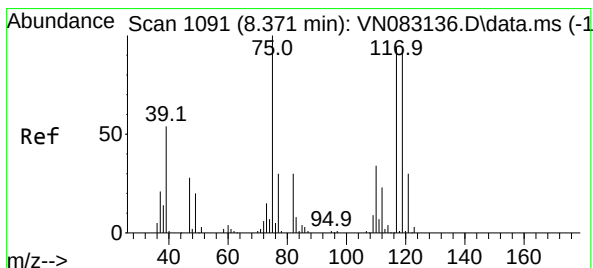
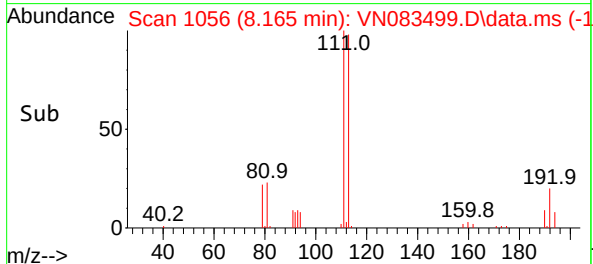
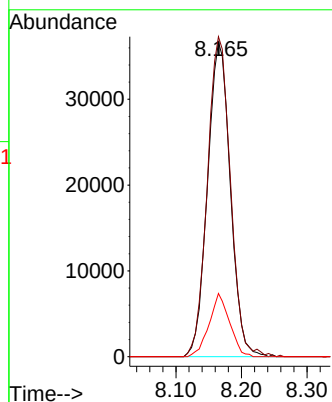
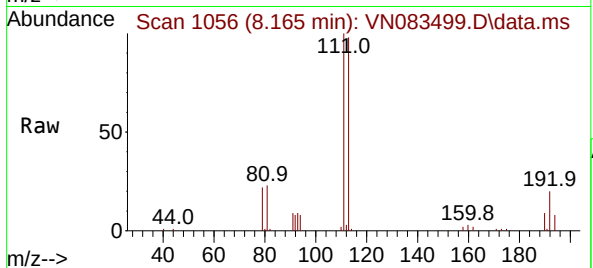
Tgt Ion:113 Resp: 88480

Ion Ratio Lower Upper

113 100

111 103.0 82.4 123.6

192 18.0 14.9 22.3



#36

1,1-Dichloropropene

Concen: 4.984 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN083499.D

Acq: 27 Aug 2024 10:28

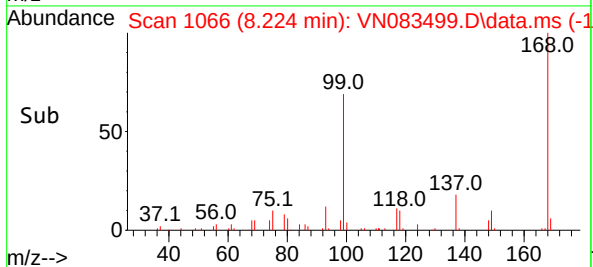
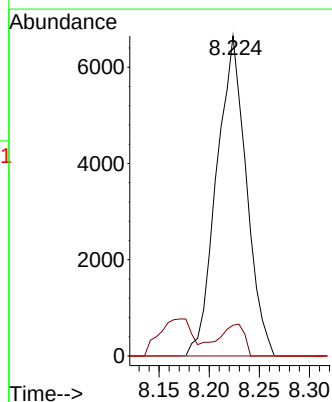
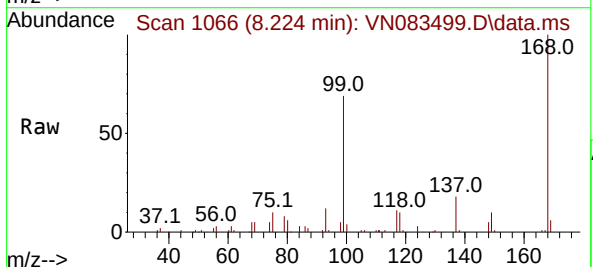
Tgt Ion: 75 Resp: 13723

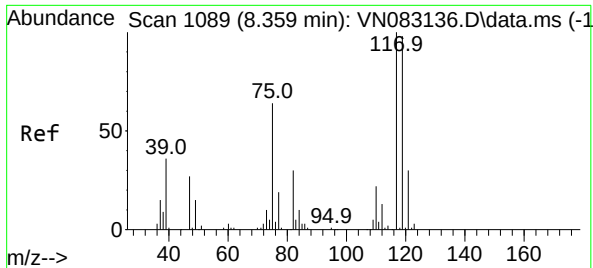
Ion Ratio Lower Upper

75 100

110 8.5 16.3 48.9#

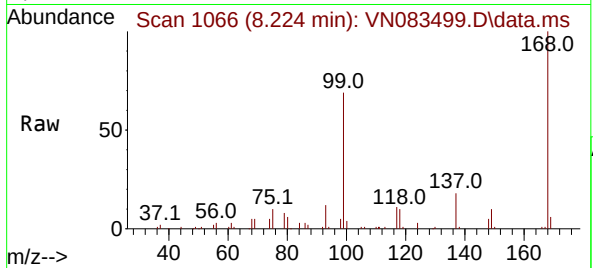
77 0.0 24.6 37.0#



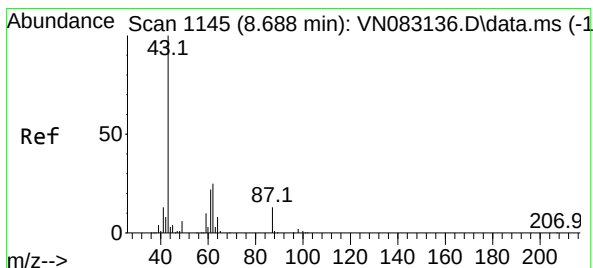
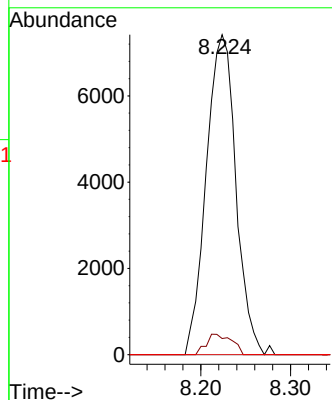
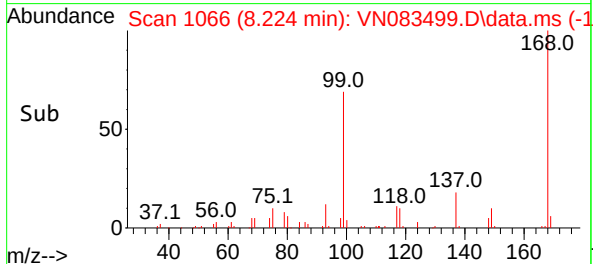


#38
Carbon Tetrachloride
Concen: 5.494 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN083499.D
Acq: 27 Aug 2024 10:28

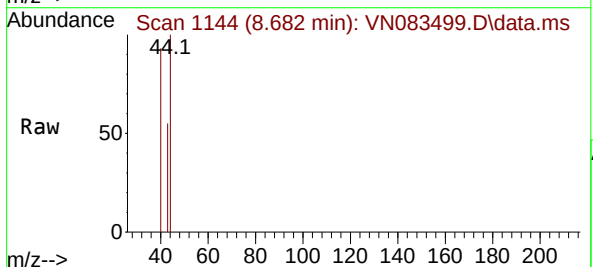
Instrument :
MSVOA_N
ClientSampleId :



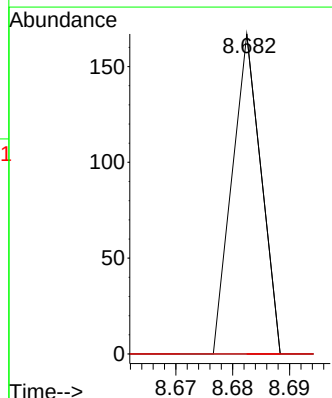
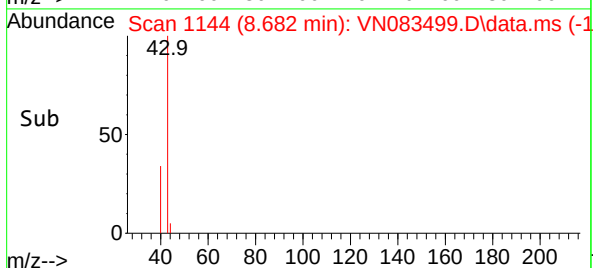
Tgt Ion:117 Resp: 17038
Ion Ratio Lower Upper
117 100
119 5.1 74.9 112.3#
121 0.0 24.3 36.5#

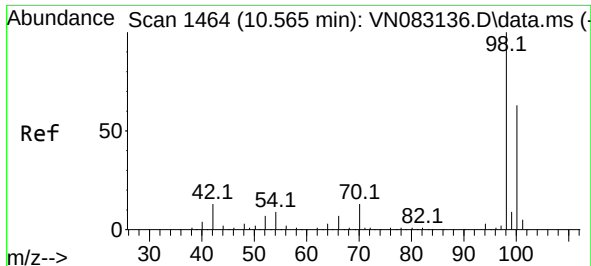


#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.682 min Scan# 1144
Delta R.T. -0.006 min
Lab File: VN083499.D
Acq: 27 Aug 2024 10:28



Tgt Ion: 43 Resp: 59
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#





#50

Toluene-d8

Concen: 46.173 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN083499.D

Acq: 27 Aug 2024 10:28

Instrument :

MSVOA_N

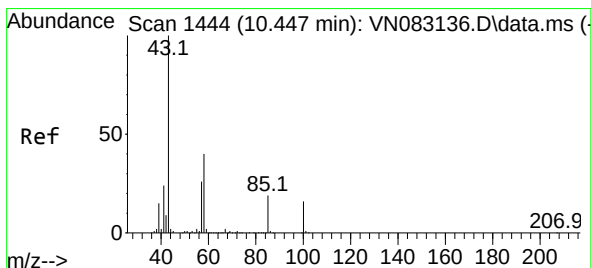
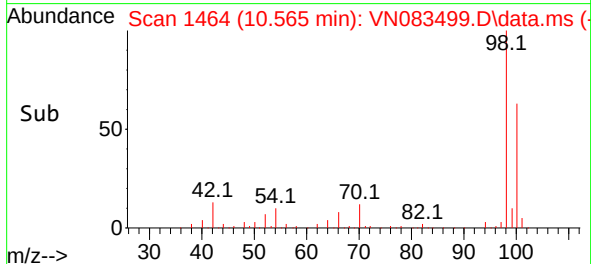
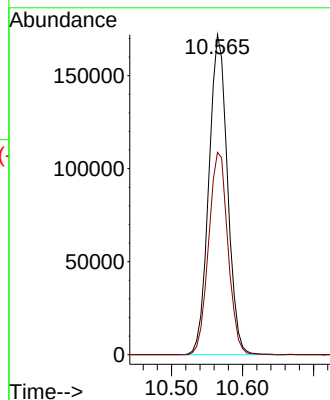
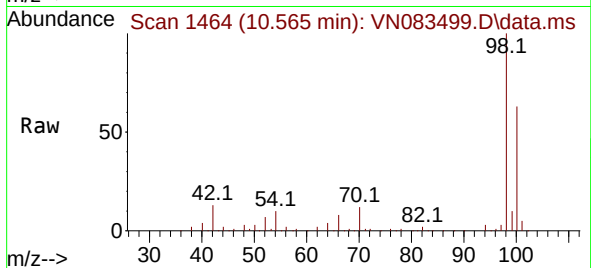
ClientSampleId :

Tgt Ion: 98 Resp: 313498

Ion Ratio Lower Upper

98 100

100 65.5 51.5 77.3



#51

4-Methyl-2-Pentanone

Concen: 0.532 ug/l

RT: 10.559 min Scan# 1463

Delta R.T. 0.112 min

Lab File: VN083499.D

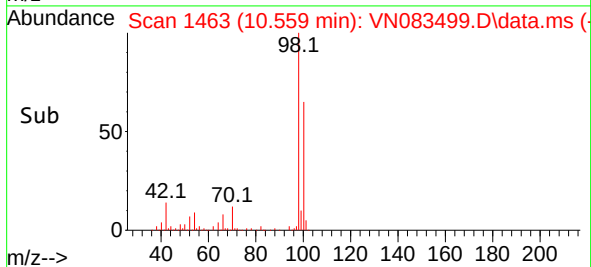
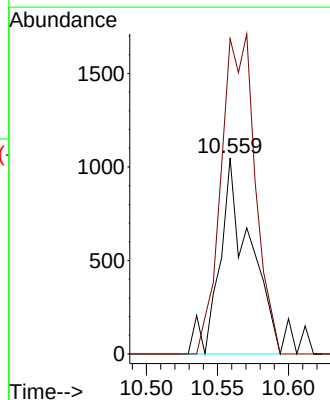
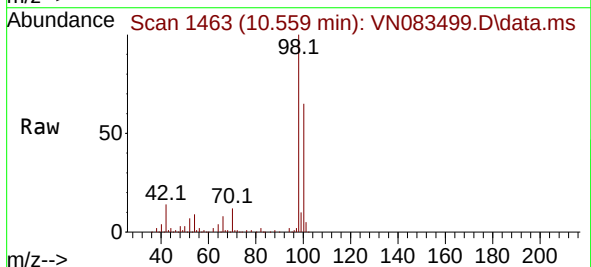
Acq: 27 Aug 2024 10:28

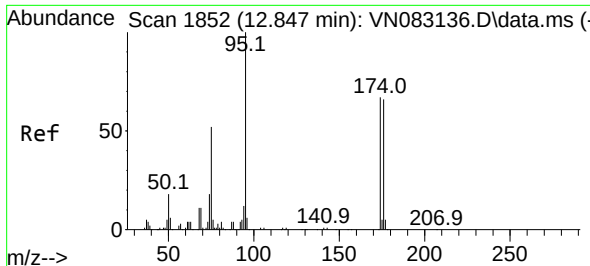
Tgt Ion: 43 Resp: 1551

Ion Ratio Lower Upper

43 100

58 183.6 28.2 42.4#

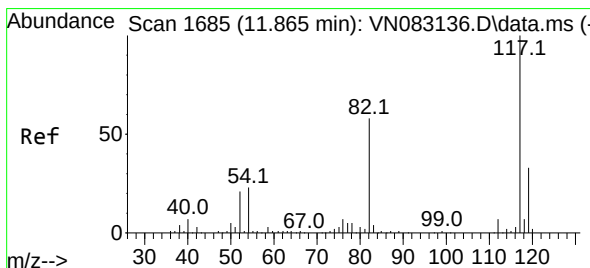
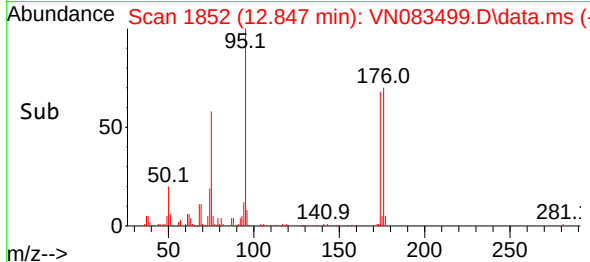
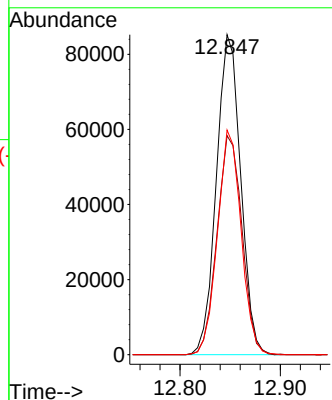
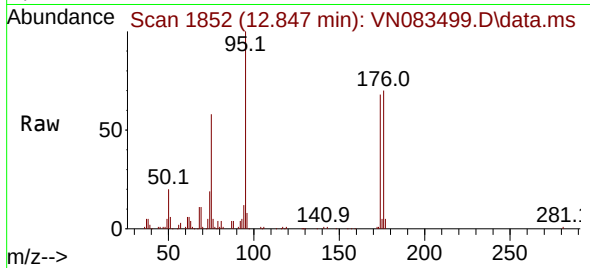




#62
4-Bromofluorobenzene
Concen: 54.158 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083499.D
Acq: 27 Aug 2024 10:28

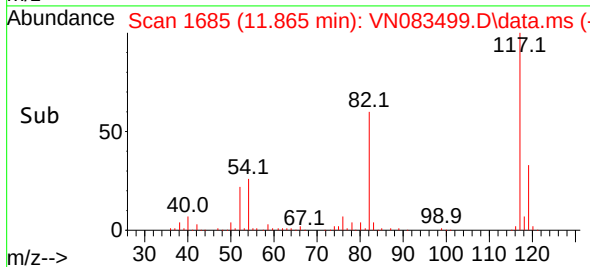
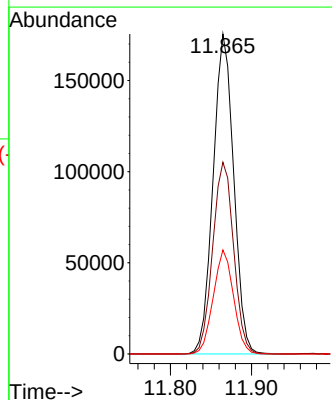
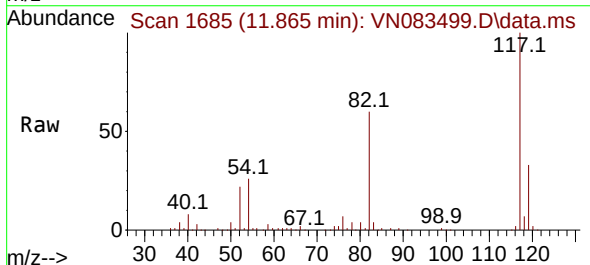
Instrument :
MSVOA_N
ClientSampleId :

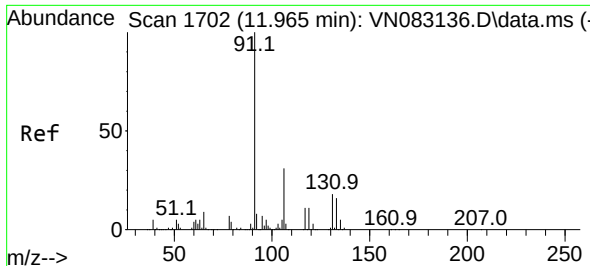
Tgt Ion: 95 Resp: 143356
Ion Ratio Lower Upper
95 100
174 70.4 0.0 159.2
176 68.2 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083499.D
Acq: 27 Aug 2024 10:28

Tgt Ion: 117 Resp: 309738
Ion Ratio Lower Upper
117 100
82 59.9 47.5 71.3
119 32.5 25.6 38.4

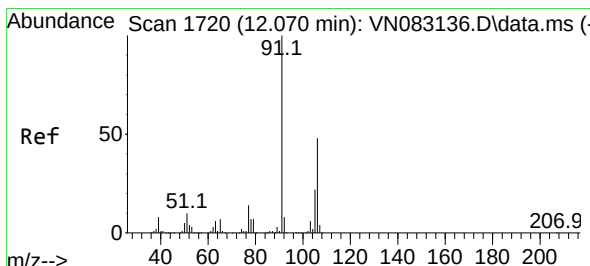
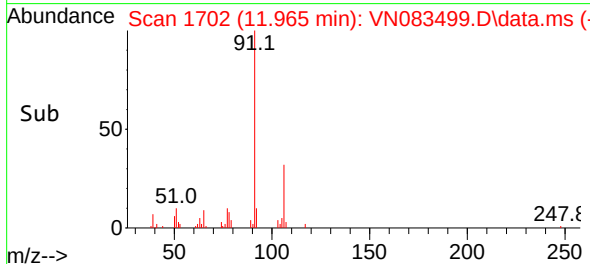
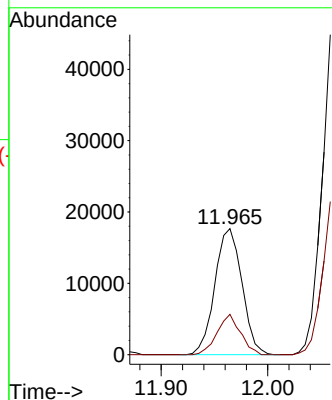
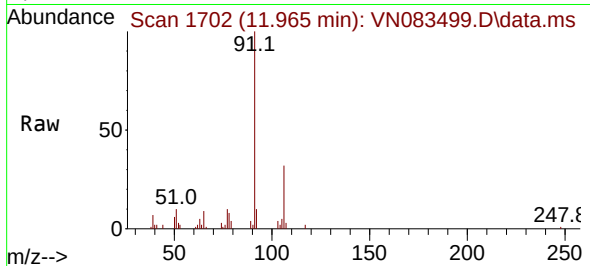




#67
Ethyl Benzene
Concen: 2.485 ug/l
RT: 11.965 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN083499.D
Acq: 27 Aug 2024 10:28

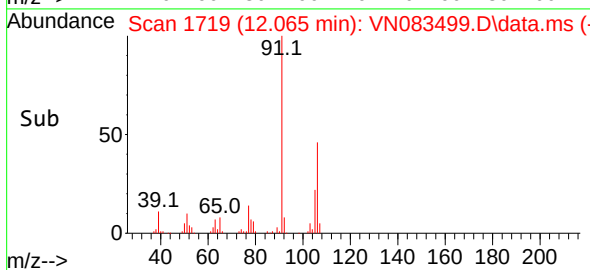
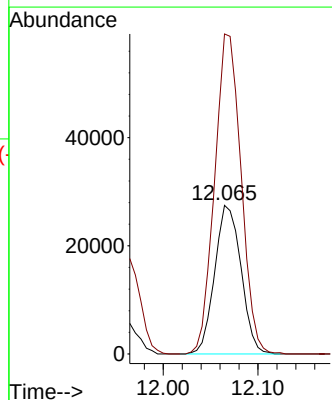
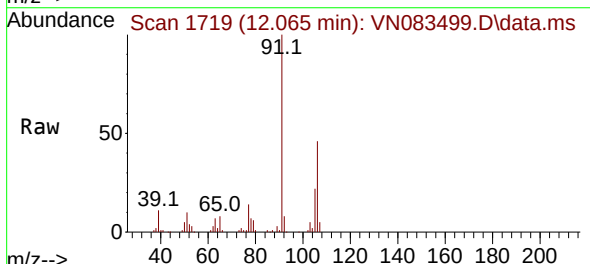
Instrument :
MSVOA_N
ClientSampleId :

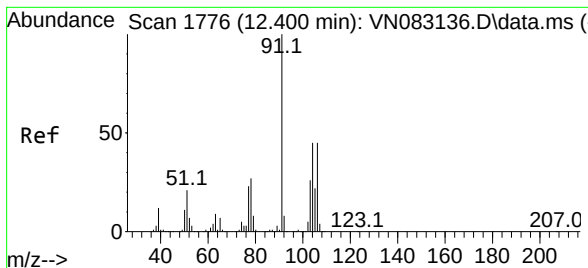
Tgt Ion: 91 Resp: 31207
Ion Ratio Lower Upper
91 100
106 32.0 24.0 36.0



#68
m/p-Xylenes
Concen: 11.287 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN083499.D
Acq: 27 Aug 2024 10:28

Tgt Ion:106 Resp: 53090
Ion Ratio Lower Upper
106 100
91 216.6 166.1 249.1





#69

o-Xylene

Concen: 1.949 ug/l

RT: 12.394 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN083499.D

Acq: 27 Aug 2024 10:28

Instrument :

MSVOA_N

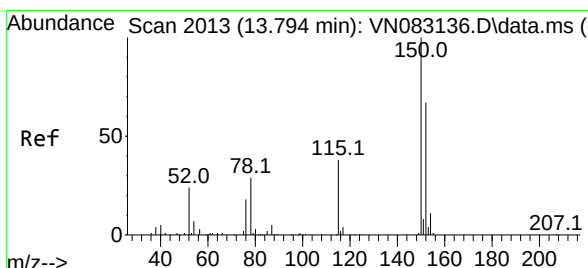
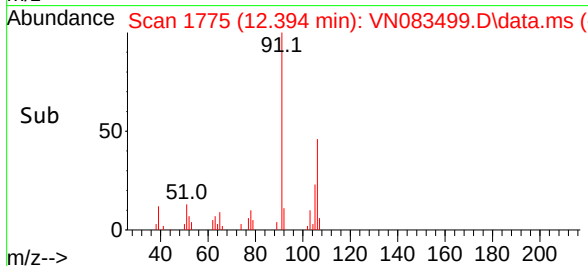
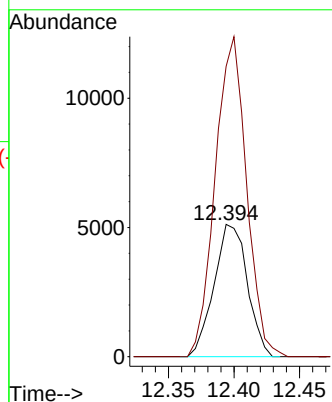
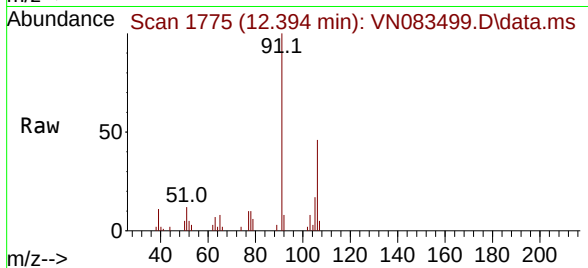
ClientSampleId :

Tgt Ion:106 Resp: 9040

Ion Ratio Lower Upper

106 100

91 227.3 111.3 333.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN083499.D

Acq: 27 Aug 2024 10:28

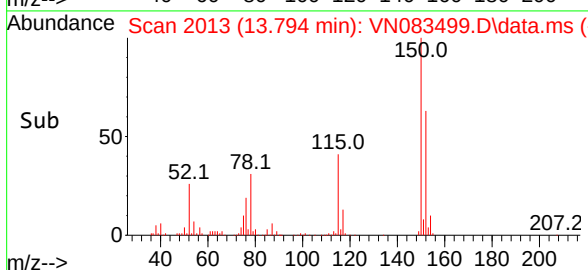
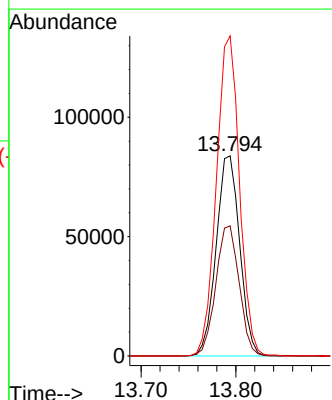
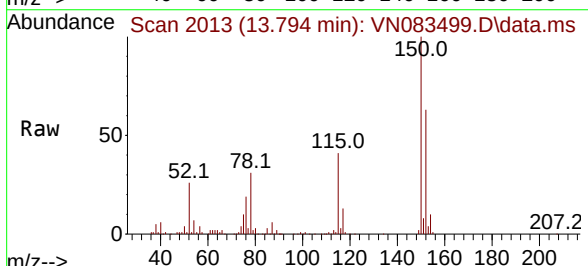
Tgt Ion:152 Resp: 144572

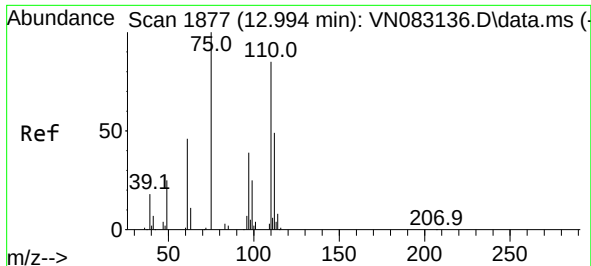
Ion Ratio Lower Upper

152 100

115 64.7 30.6 91.6

150 157.1 0.0 348.6

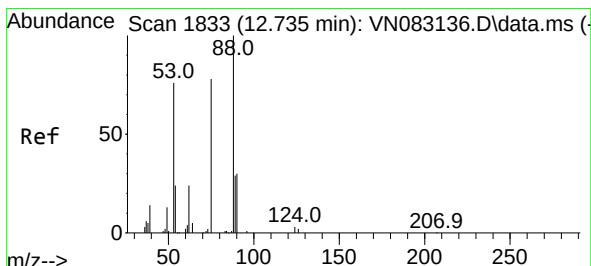
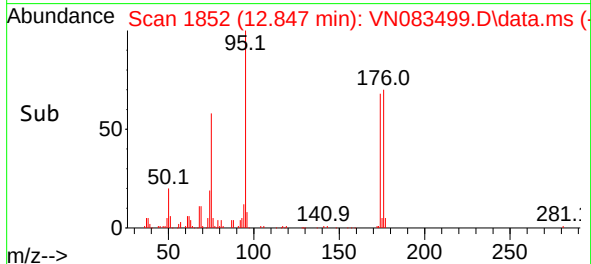
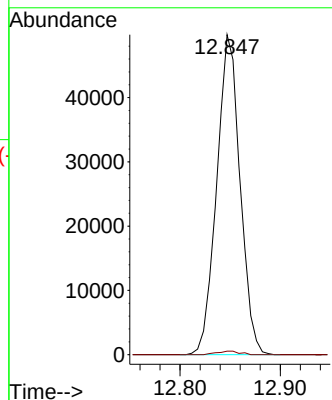
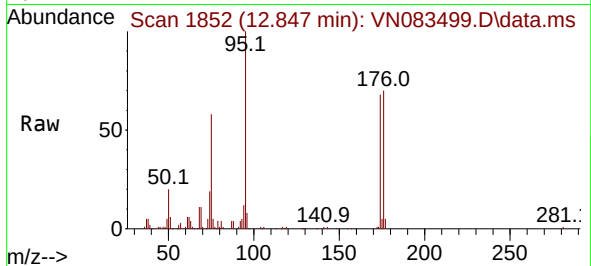




#76
1,2,3-Trichloropropane
Concen: 25.322 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN083499.D
Acq: 27 Aug 2024 10:28

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 80346
Ion Ratio Lower Upper
75 100
77 1.1 110.9 332.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 55.081 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN083499.D
Acq: 27 Aug 2024 10:28

Tgt Ion: 75 Resp: 80346
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#

