

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082624\
 Data File : VN083491.D
 Acq On : 26 Aug 2024 18:59
 Operator : JC\MD
 Sample : P3622-01RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 27 02:02:03 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)

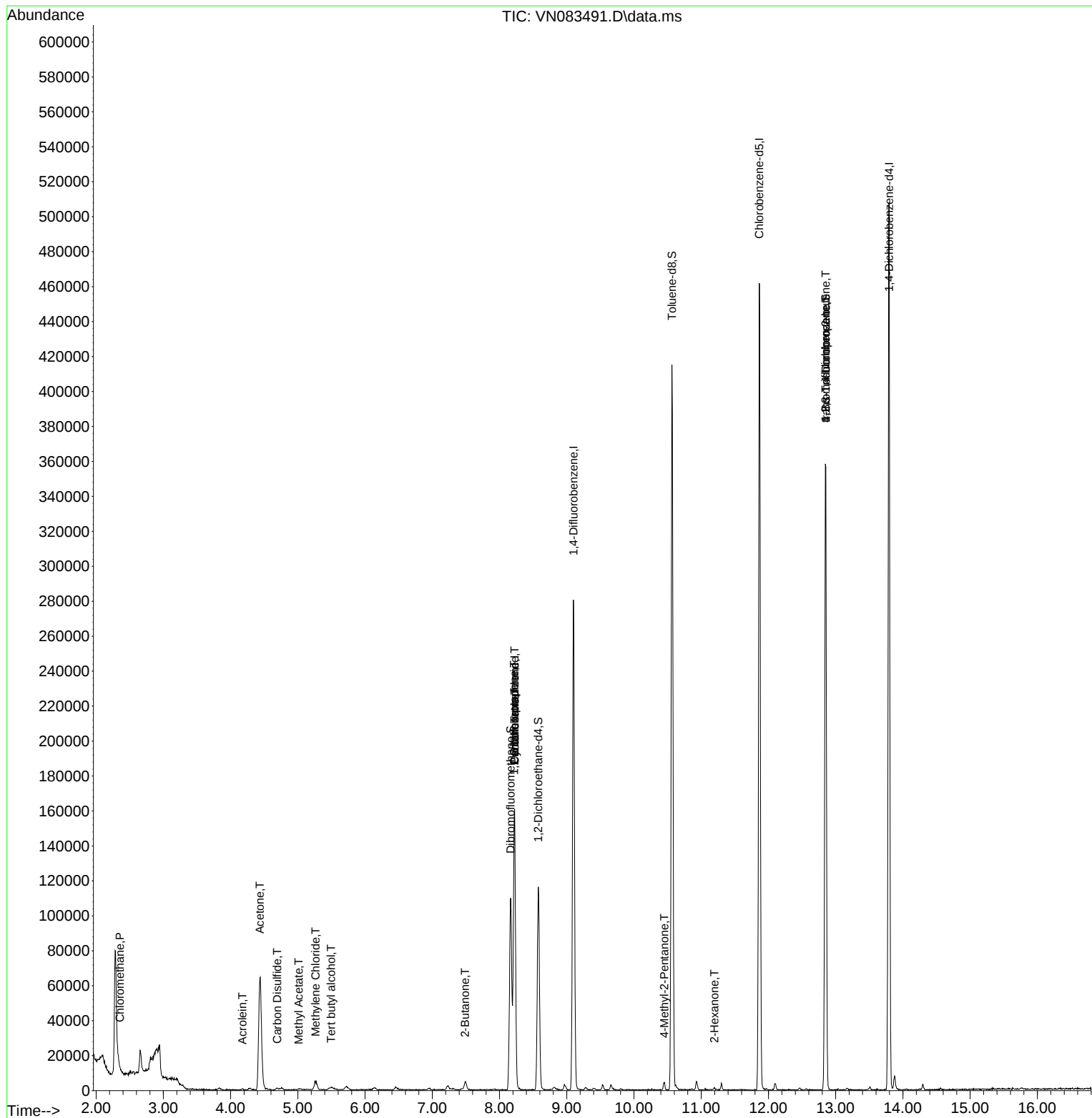
Internal Standards						
1) Pentafluorobenzene	8.224	168	108791	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	233326	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	252201	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	128679	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	100866	65.137	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 130.280%#		
35) Dibromofluoromethane	8.165	113	78437	53.858	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 107.720%		
50) Toluene-d8	10.565	98	278202	51.210	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 102.420%		
62) 4-Bromofluorobenzene	12.853	95	129794	61.283	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 122.560%#		
Target Compounds						
						Qvalue
3) Chloromethane	2.353	50	865	0.685	ug/l #	43
11) Tert butyl alcohol	5.494	59	1922	5.972	ug/l #	71
13) Acrolein	4.177	56	470	2.241	ug/l #	56
16) Acetone	4.436	43	44246	73.022	ug/l	95
17) Carbon Disulfide	4.694	76	2614	0.741	ug/l #	75
18) Methyl Acetate	5.012	43	647	0.358	ug/l #	56
20) Methylene Chloride	5.265	84	3599	2.581	ug/l #	76
25) 2-Butanone	7.488	43	7611	8.180	ug/l	98
31) Cyclohexane	8.224	56	2839	1.237	ug/l #	1
36) 1,1-Dichloropropene	8.218	75	10367	4.706	ug/l #	52
38) Carbon Tetrachloride	8.224	117	12933	5.212	ug/l #	17
43) Isopropyl Acetate	8.782	43	525	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.453	43	3421	1.467	ug/l	94
59) 2-Hexanone	11.194	43	1145	0.634	ug/l	70
76) 1,2,3-Trichloropropane	12.853	75	72537	25.684	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	72537	55.869	ug/l #	6

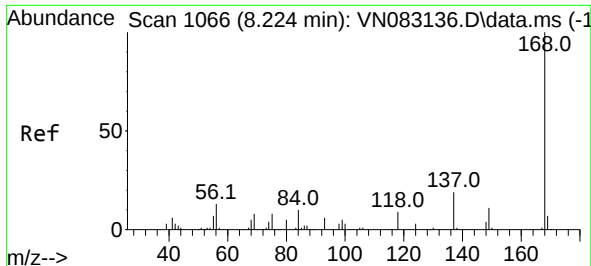
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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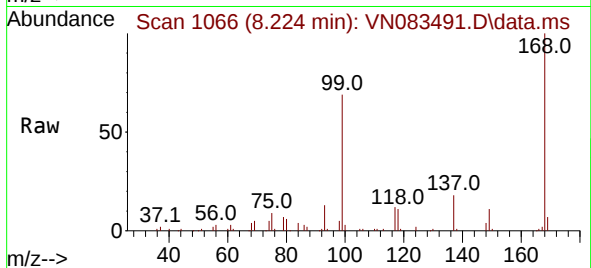
Quant Time: Aug 27 02:02:03 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 08 06:30:41 2024
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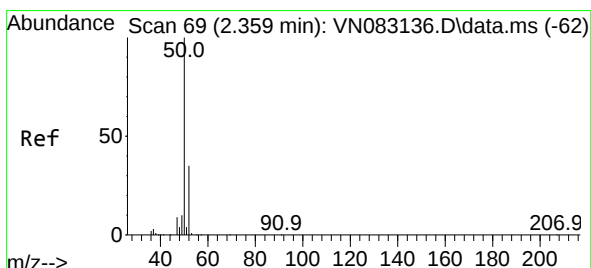
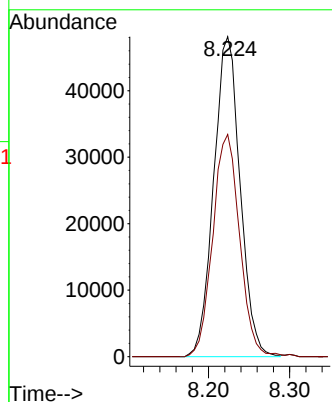
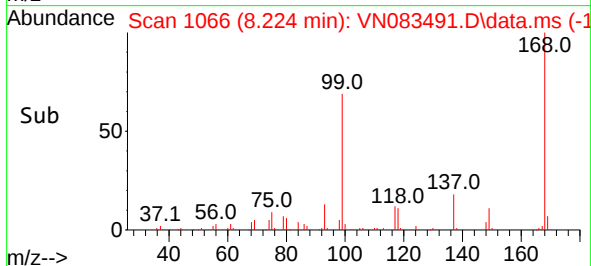


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083491.D
Acq: 26 Aug 2024 18:59

Instrument :
MSVOA_N
ClientSampleId :

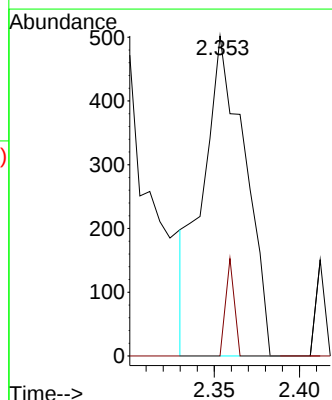
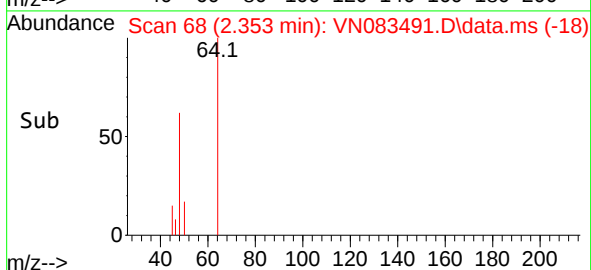
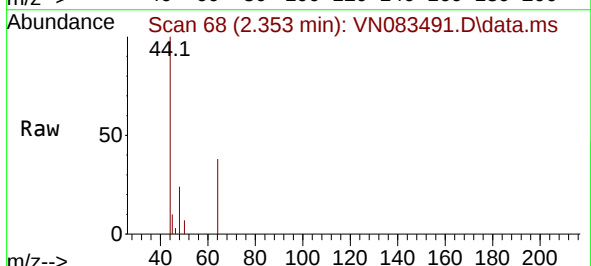


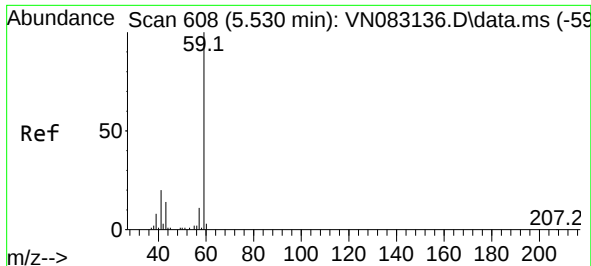
Tgt Ion:168 Resp: 108791
Ion Ratio Lower Upper
168 100
99 69.4 48.2 72.4



#3
Chloromethane
Concen: 0.685 ug/l
RT: 2.353 min Scan# 68
Delta R.T. -0.006 min
Lab File: VN083491.D
Acq: 26 Aug 2024 18:59

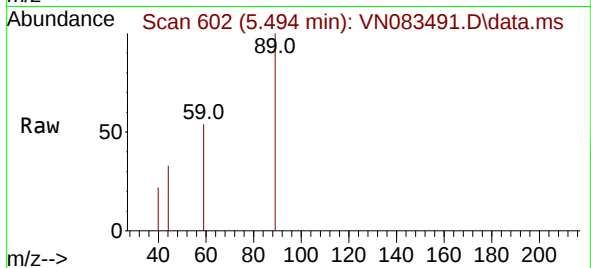
Tgt Ion: 50 Resp: 865
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#



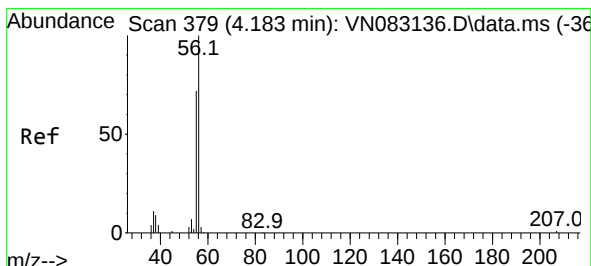
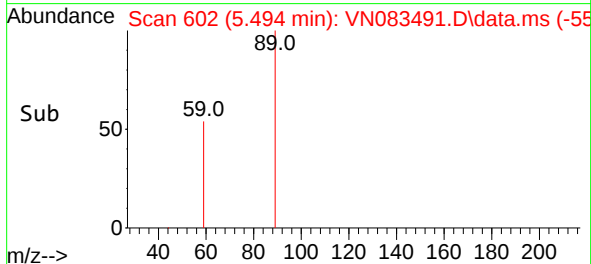
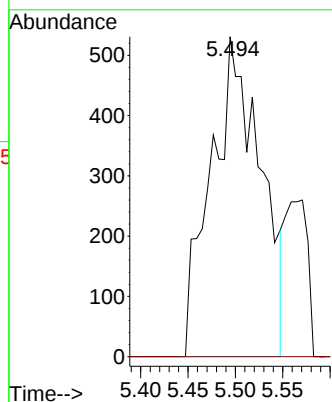


#11
Tert butyl alcohol
Concen: 5.972 ug/l
RT: 5.494 min Scan# 602
Delta R.T. -0.035 min
Lab File: VN083491.D
Acq: 26 Aug 2024 18:59

Instrument :
MSVOA_N
ClientSampleId :

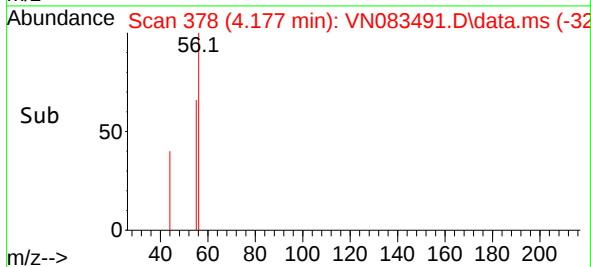
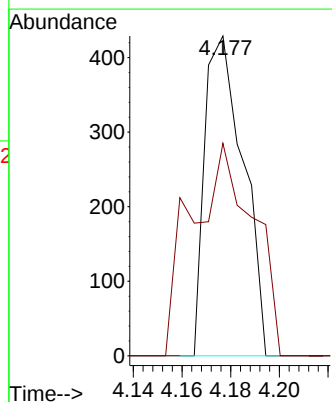
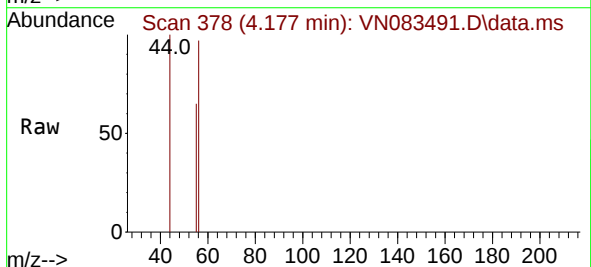


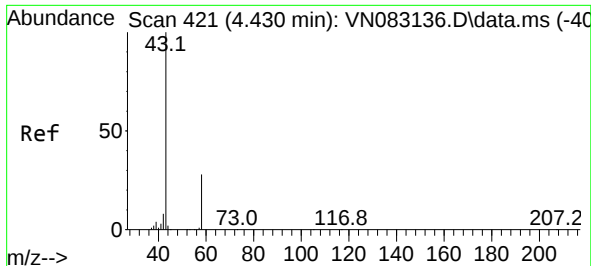
Tgt Ion: 59 Resp: 1922
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#



#13
Acrolein
Concen: 2.241 ug/l
RT: 4.177 min Scan# 378
Delta R.T. -0.006 min
Lab File: VN083491.D
Acq: 26 Aug 2024 18:59

Tgt Ion: 56 Resp: 470
Ion Ratio Lower Upper
56 100
55 106.6 56.4 84.6#





#16

Acetone

Concen: 73.022 ug/l

RT: 4.436 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN083491.D

Acq: 26 Aug 2024 18:59

Instrument :

MSVOA_N

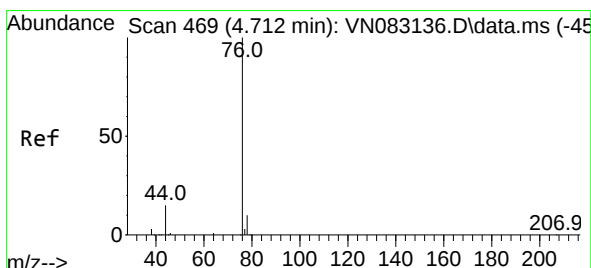
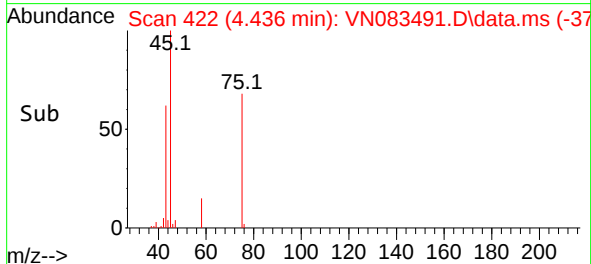
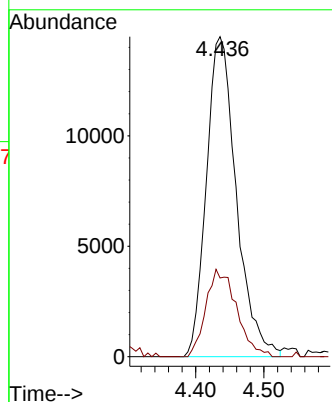
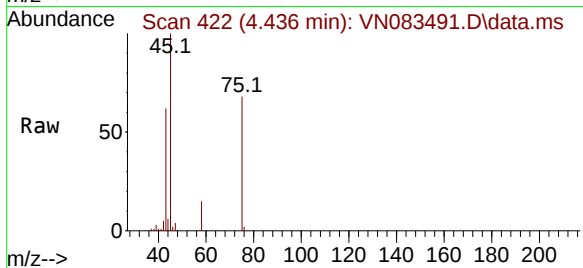
ClientSampleId :

Tgt Ion: 43 Resp: 44246

Ion Ratio Lower Upper

43 100

58 24.6 21.8 32.6



#17

Carbon Disulfide

Concen: 0.741 ug/l

RT: 4.694 min Scan# 466

Delta R.T. -0.018 min

Lab File: VN083491.D

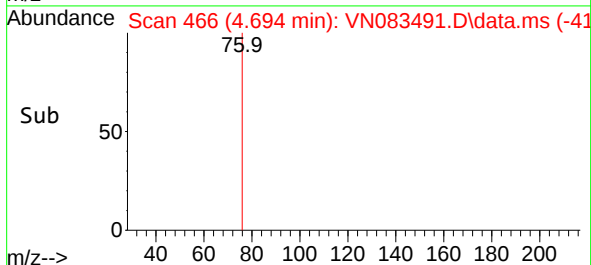
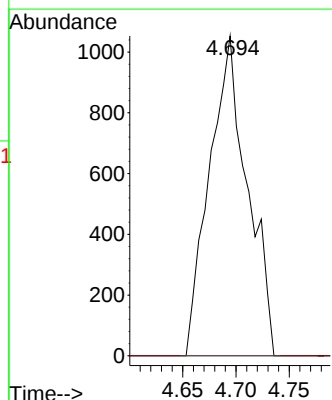
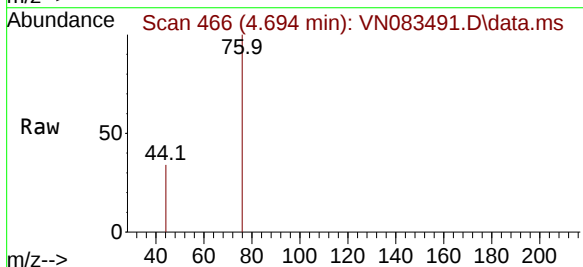
Acq: 26 Aug 2024 18:59

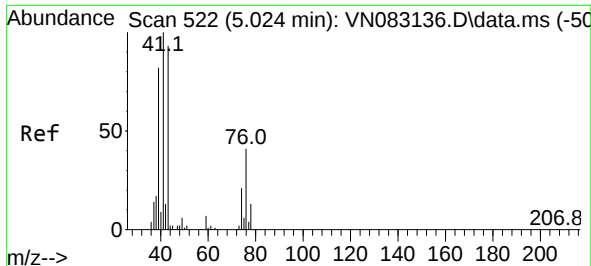
Tgt Ion: 76 Resp: 2614

Ion Ratio Lower Upper

76 100

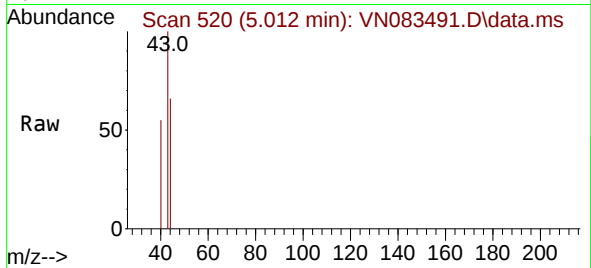
78 0.0 7.2 10.8#



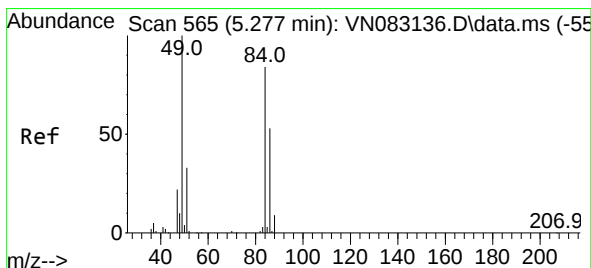
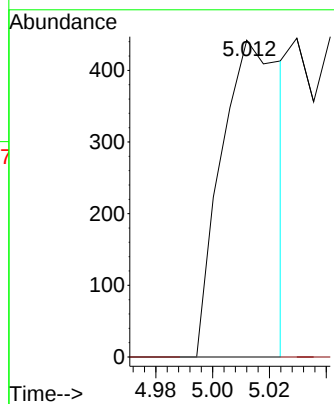
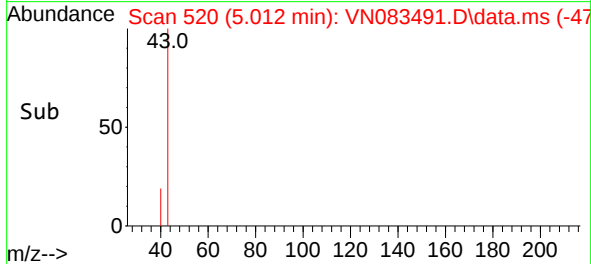


#18
Methyl Acetate
Concen: 0.358 ug/l
RT: 5.012 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN083491.D
Acq: 26 Aug 2024 18:59

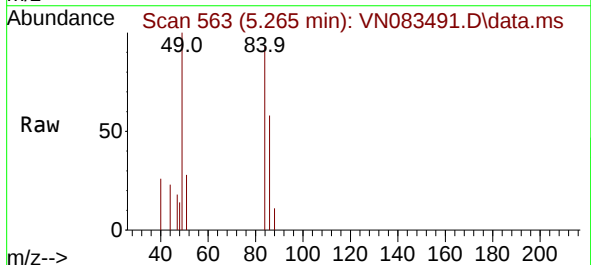
Instrument :
MSVOA_N
ClientSampleId :



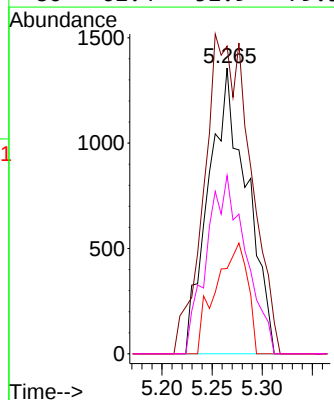
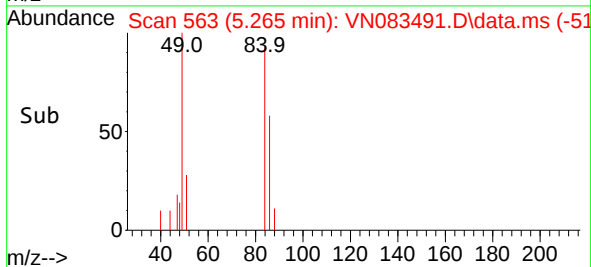
Tgt Ion: 43 Resp: 647
Ion Ratio Lower Upper
43 100
74 0.0 16.3 24.5#

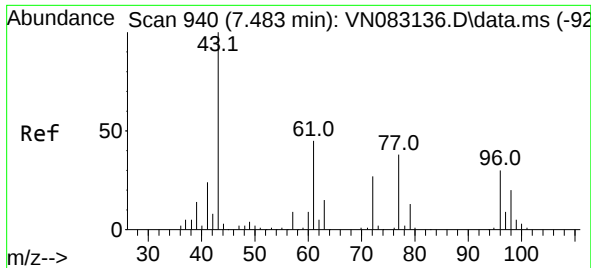


#20
Methylene Chloride
Concen: 2.581 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.012 min
Lab File: VN083491.D
Acq: 26 Aug 2024 18:59



Tgt Ion: 84 Resp: 3599
Ion Ratio Lower Upper
84 100
49 107.7 119.6 179.4#
51 29.9 34.8 52.2#
86 62.4 52.9 79.3

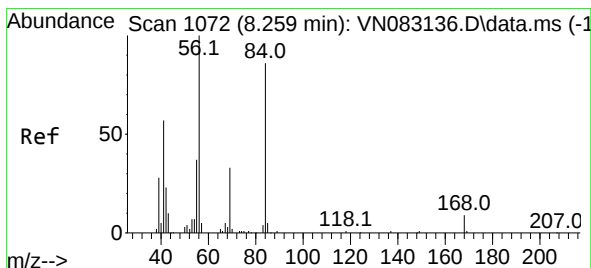
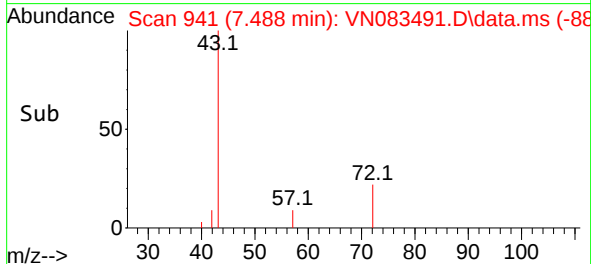
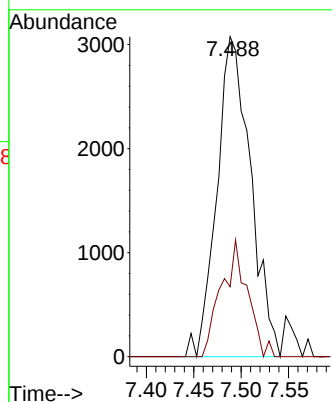
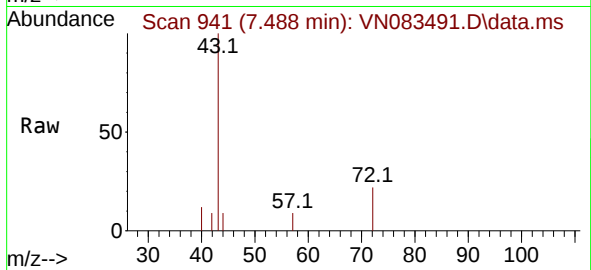




#25
2-Butanone
Concen: 8.180 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN083491.D
Acq: 26 Aug 2024 18:59

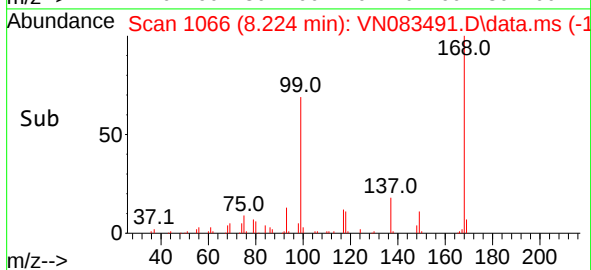
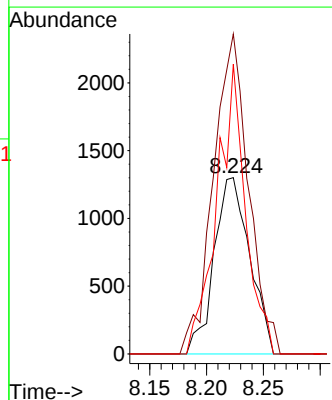
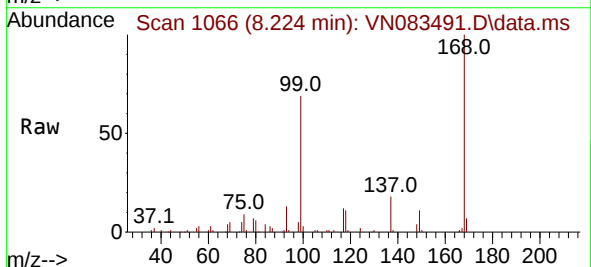
Instrument :
MSVOA_N
ClientSampleId :

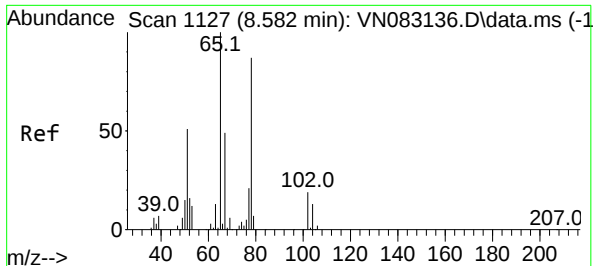
Tgt Ion: 43 Resp: 7611
Ion Ratio Lower Upper
43 100
72 21.8 18.2 27.2



#31
Cyclohexane
Concen: 1.237 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN083491.D
Acq: 26 Aug 2024 18:59

Tgt Ion: 56 Resp: 2839
Ion Ratio Lower Upper
56 100
69 181.5 24.5 36.7#
84 164.3 66.0 99.0#





#33

1,2-Dichloroethane-d4

Concen: 65.137 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN083491.D

Acq: 26 Aug 2024 18:59

Instrument :

MSVOA_N

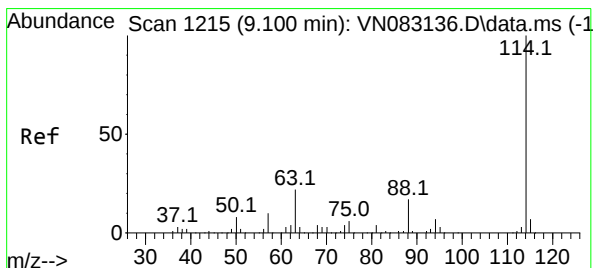
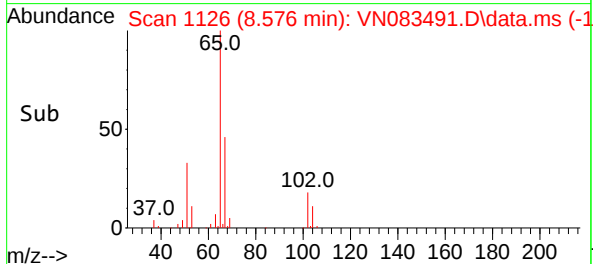
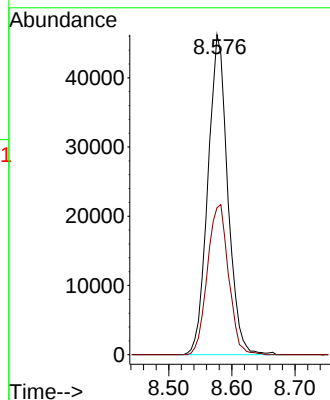
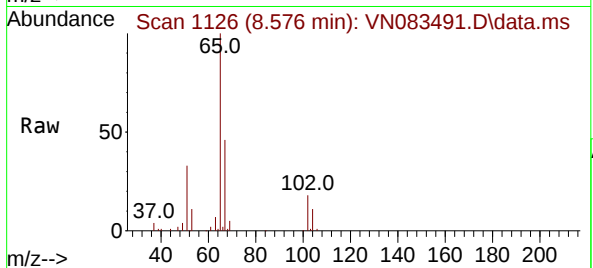
ClientSampleId :

Tgt Ion: 65 Resp: 100866

Ion Ratio Lower Upper

65 100

67 49.9 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: VN083491.D

Acq: 26 Aug 2024 18:59

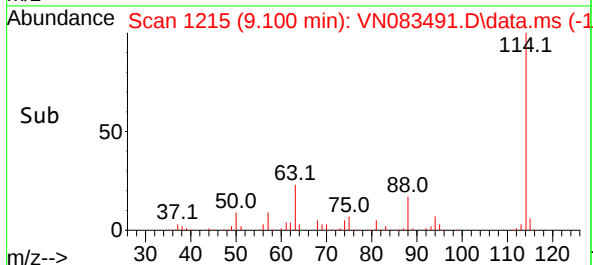
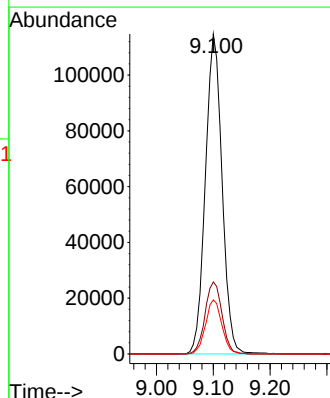
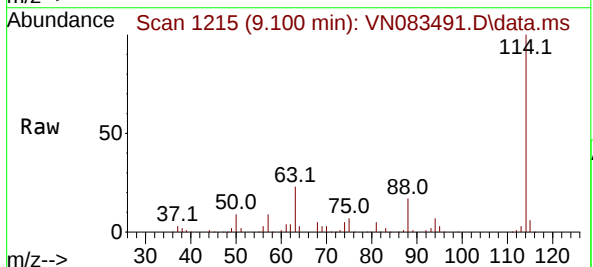
Tgt Ion: 114 Resp: 233326

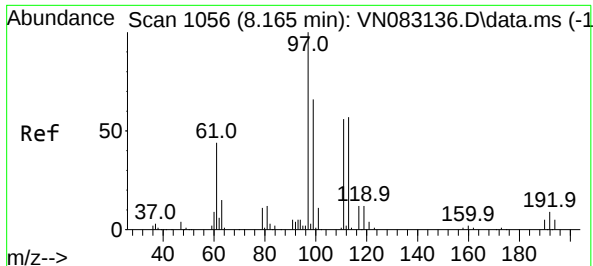
Ion Ratio Lower Upper

114 100

63 22.5 0.0 44.6

88 16.9 0.0 31.4





#35

Dibromofluoromethane

Concen: 53.858 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083491.D

Acq: 26 Aug 2024 18:59

Instrument :

MSVOA_N

ClientSampleId :

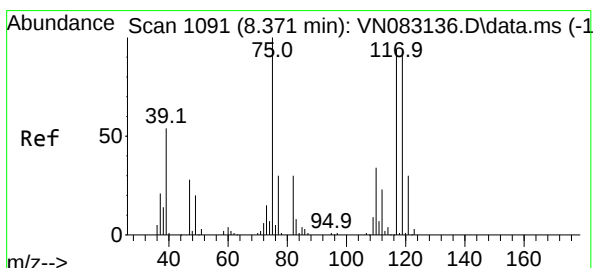
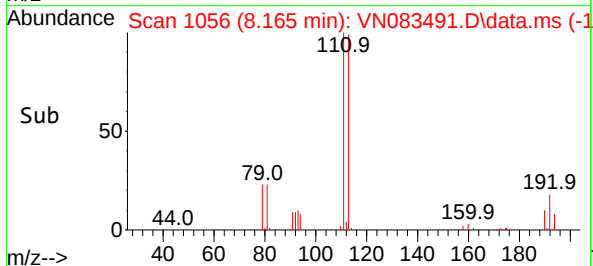
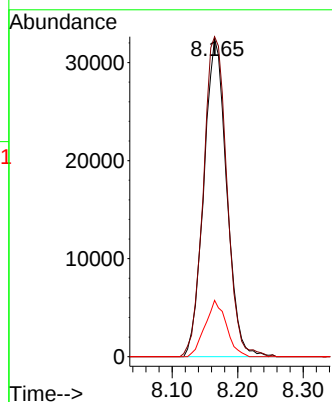
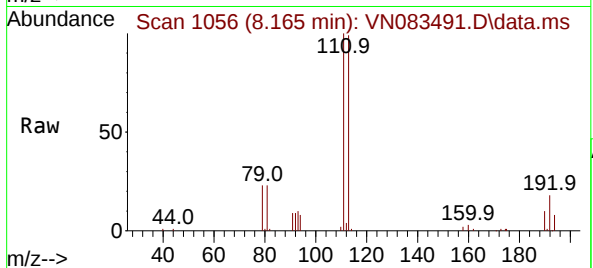
Tgt Ion:113 Resp: 78437

Ion Ratio Lower Upper

113 100

111 103.5 82.4 123.6

192 16.6 14.9 22.3



#36

1,1-Dichloropropene

Concen: 4.706 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.153 min

Lab File: VN083491.D

Acq: 26 Aug 2024 18:59

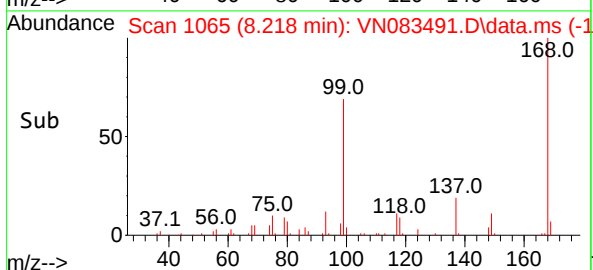
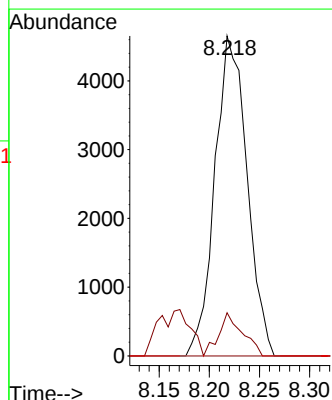
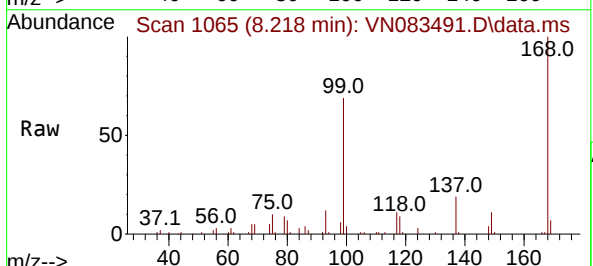
Tgt Ion: 75 Resp: 10367

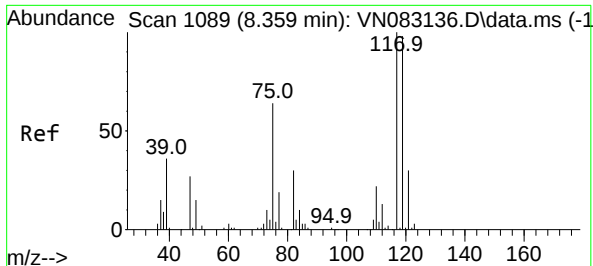
Ion Ratio Lower Upper

75 100

110 10.0 16.3 48.9#

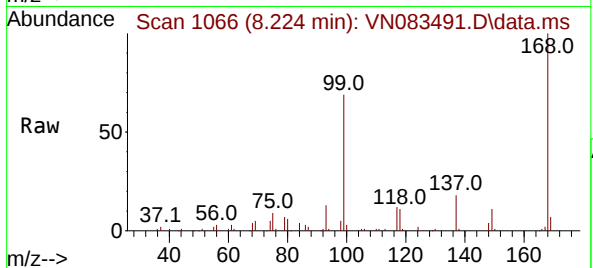
77 0.0 24.6 37.0#



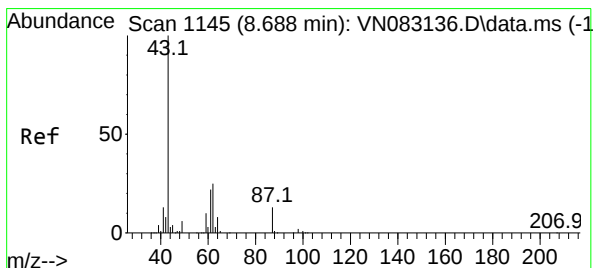
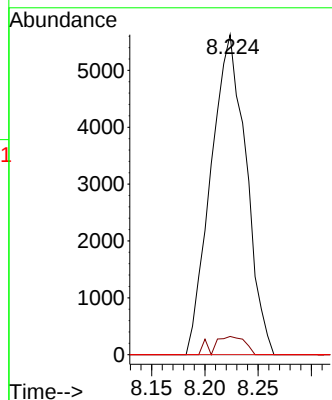
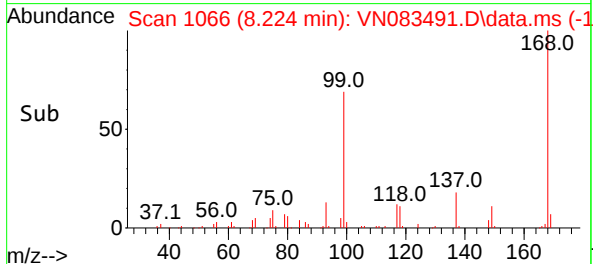


#38
Carbon Tetrachloride
Concen: 5.212 ug/l
RT: 8.224 min Scan# 1106
Delta R.T. -0.135 min
Lab File: VN083491.D
Acq: 26 Aug 2024 18:59

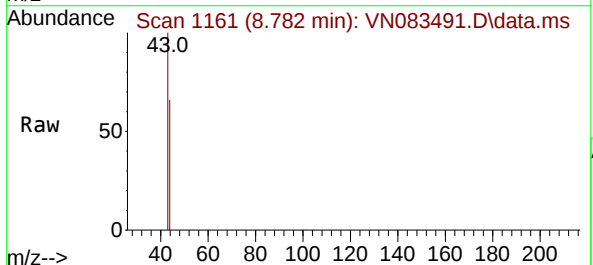
Instrument :
MSVOA_N
ClientSampleId :



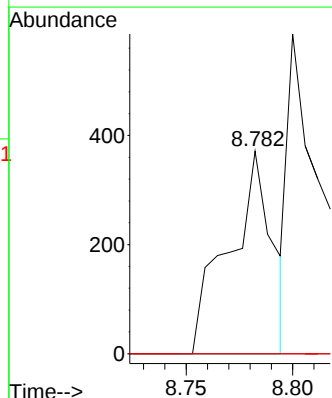
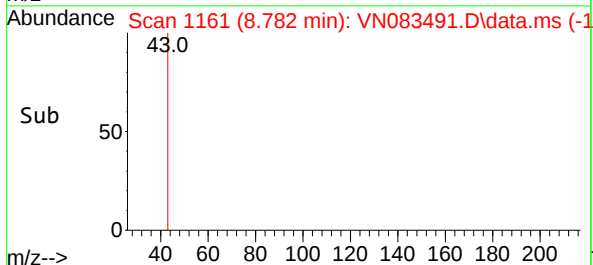
Tgt Ion:117 Resp: 12933
Ion Ratio Lower Upper
117 100
119 5.7 74.9 112.3#
121 0.0 24.3 36.5#

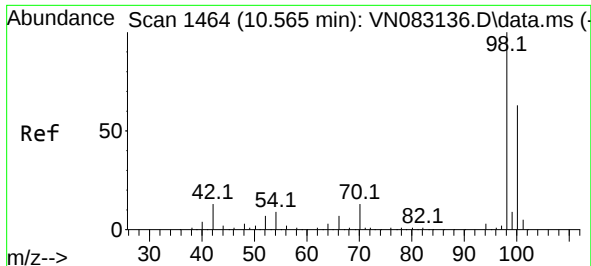


#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.782 min Scan# 1161
Delta R.T. 0.094 min
Lab File: VN083491.D
Acq: 26 Aug 2024 18:59



Tgt Ion: 43 Resp: 525
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#

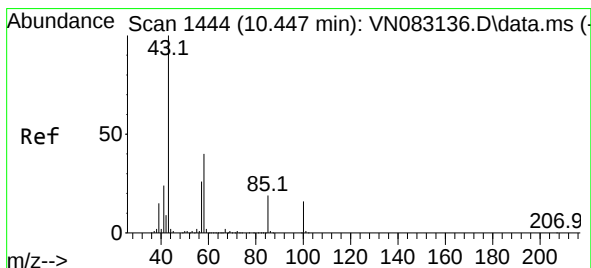
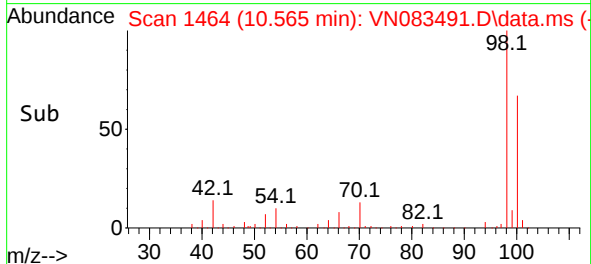
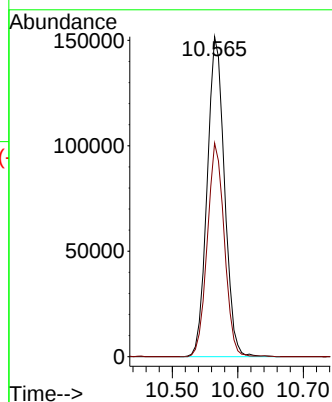
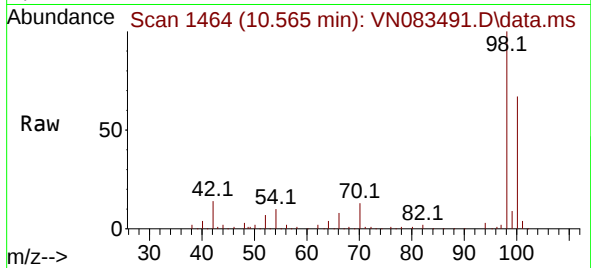




#50
Toluene-d8
Concen: 51.210 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083491.D
Acq: 26 Aug 2024 18:59

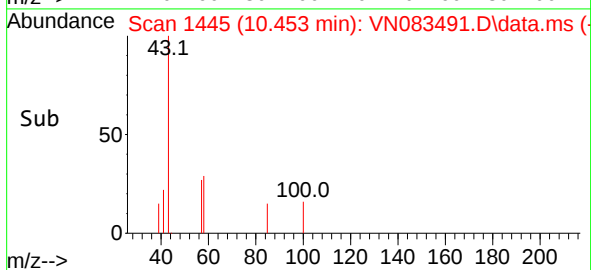
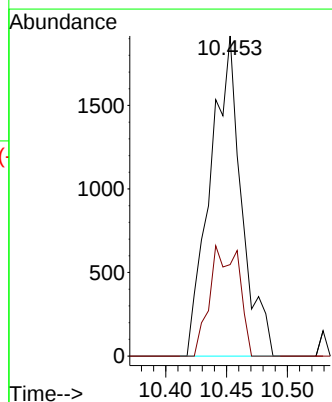
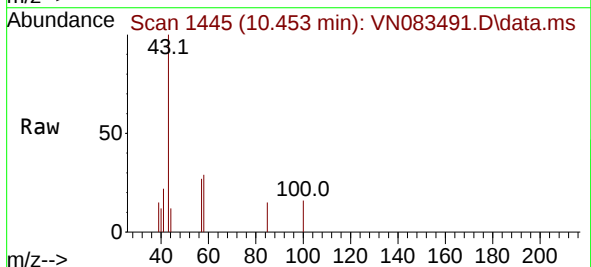
Instrument :
MSVOA_N
ClientSampleId :

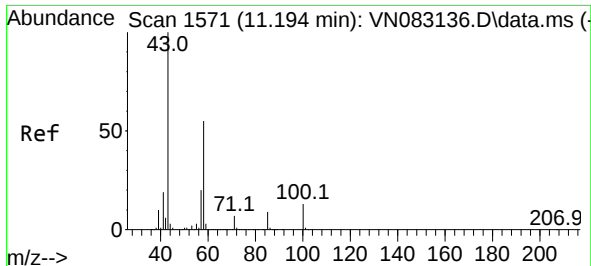
Tgt Ion: 98 Resp: 278202
Ion Ratio Lower Upper
98 100
100 65.6 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 1.467 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN083491.D
Acq: 26 Aug 2024 18:59

Tgt Ion: 43 Resp: 3421
Ion Ratio Lower Upper
43 100
58 31.9 28.2 42.4

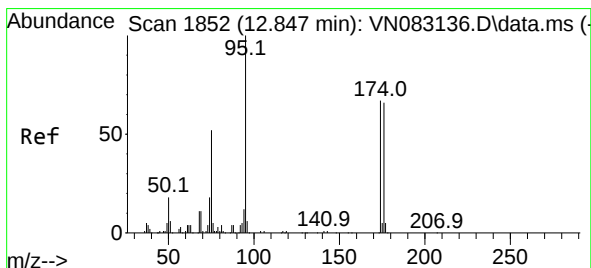
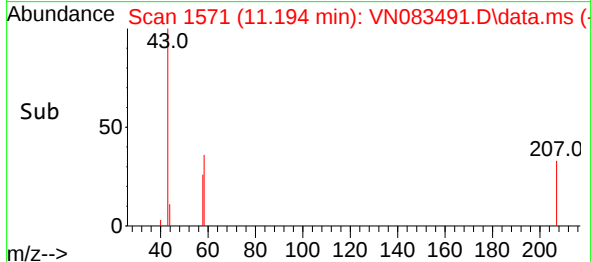
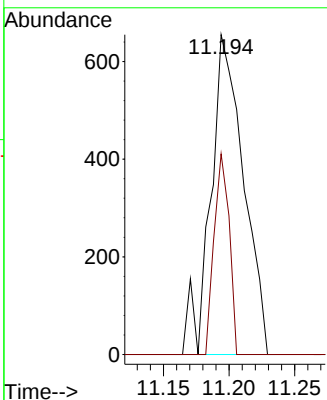
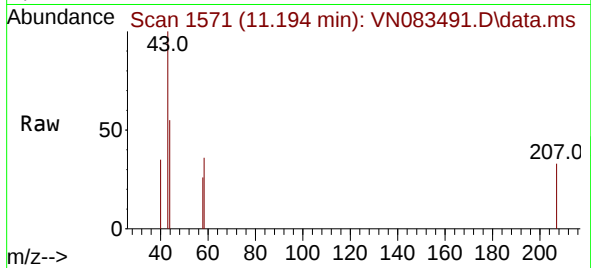




#59
2-Hexanone
Concen: 0.634 ug/l
RT: 11.194 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN083491.D
Acq: 26 Aug 2024 18:59

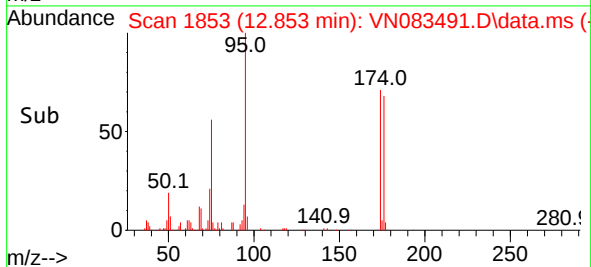
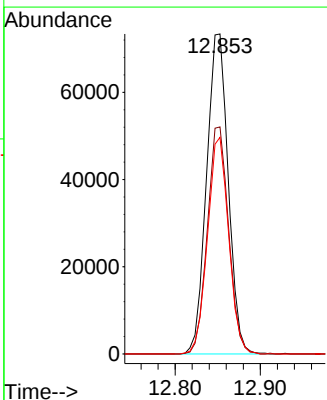
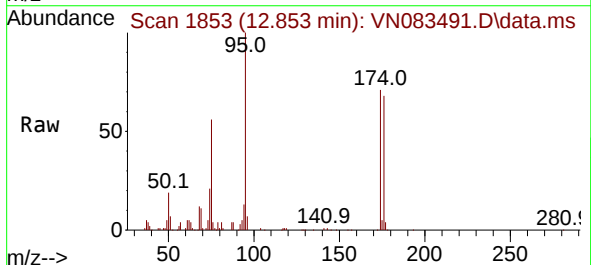
Instrument :
MSVOA_N
ClientSampleId :

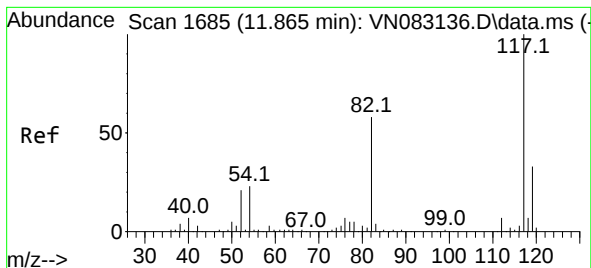
Tgt Ion: 43 Resp: 1145
Ion Ratio Lower Upper
43 100
58 28.6 24.6 73.8



#62
4-Bromofluorobenzene
Concen: 61.283 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN083491.D
Acq: 26 Aug 2024 18:59

Tgt Ion: 95 Resp: 129794
Ion Ratio Lower Upper
95 100
174 69.7 0.0 159.2
176 66.1 0.0 147.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN083491.D

Acq: 26 Aug 2024 18:59

Instrument :

MSVOA_N

ClientSampleId :

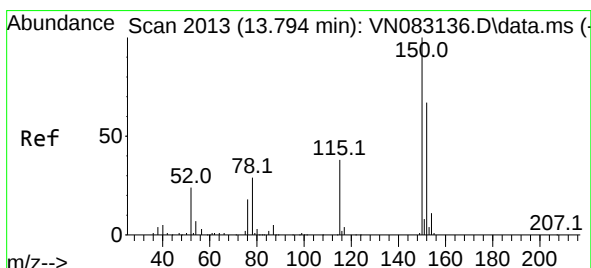
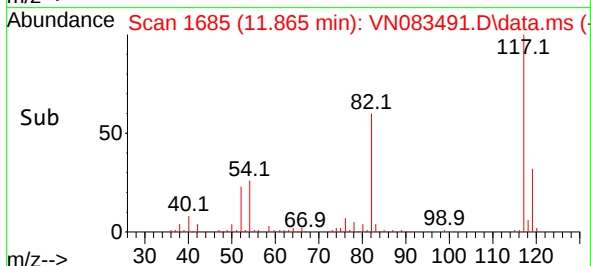
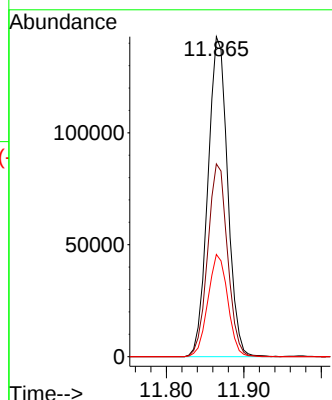
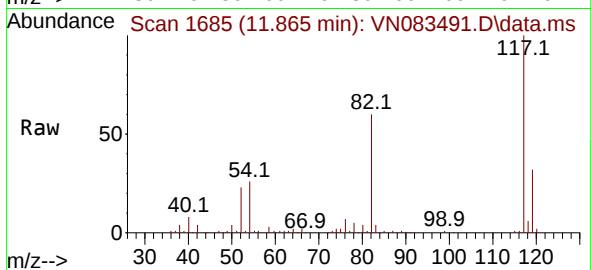
Tgt Ion:117 Resp: 252201

Ion Ratio Lower Upper

117 100

82 60.3 47.5 71.3

119 31.9 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN083491.D

Acq: 26 Aug 2024 18:59

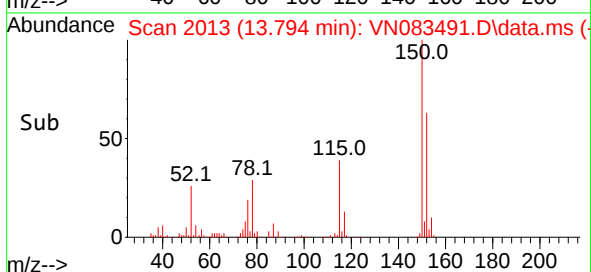
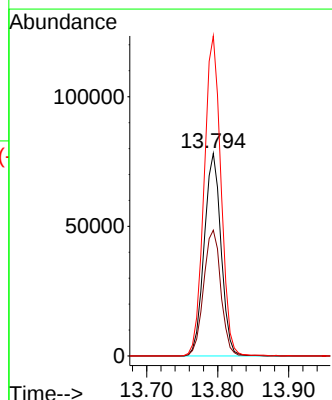
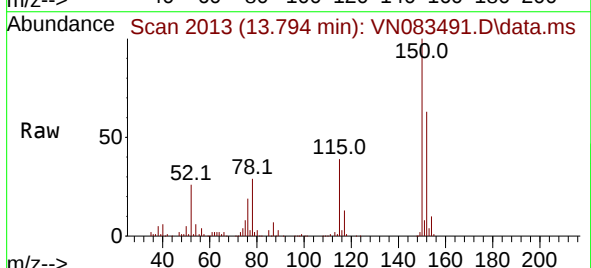
Tgt Ion:152 Resp: 128679

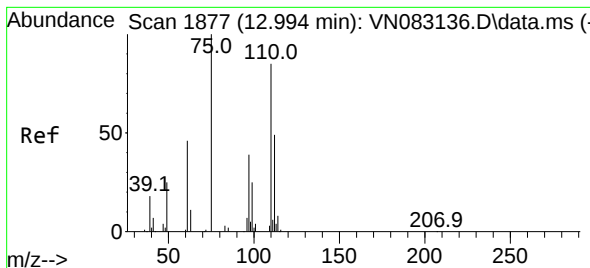
Ion Ratio Lower Upper

152 100

115 63.8 30.6 91.6

150 158.5 0.0 348.6





#76

1,2,3-Trichloropropane

Concen: 25.684 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN083491.D

Acq: 26 Aug 2024 18:59

Instrument :

MSVOA_N

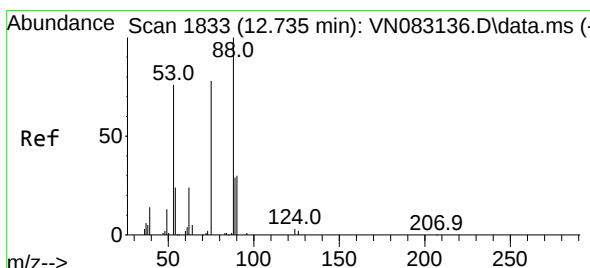
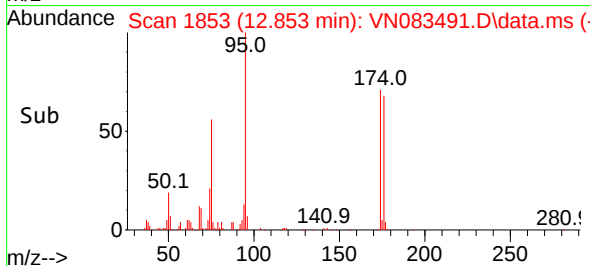
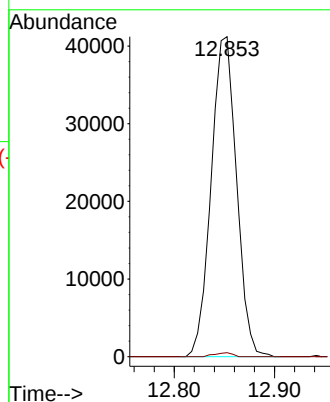
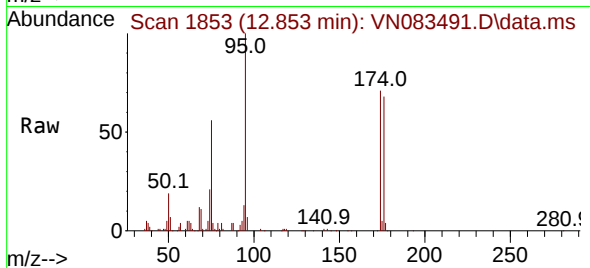
ClientSampleId :

Tgt Ion: 75 Resp: 72537

Ion Ratio Lower Upper

75 100

77 0.9 110.9 332.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 55.869 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.118 min

Lab File: VN083491.D

Acq: 26 Aug 2024 18:59

Tgt Ion: 75 Resp: 72537

Ion Ratio Lower Upper

75 100

53 0.0 88.4 132.6#

89 0.0 36.3 54.5#

