

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090524\
 Data File : VN083681.D
 Acq On : 05 Sep 2024 17:27
 Operator : JC\MD
 Sample : P3827-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 06 02:20:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 31 00:48:10 2024
 Response via : Initial Calibration

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

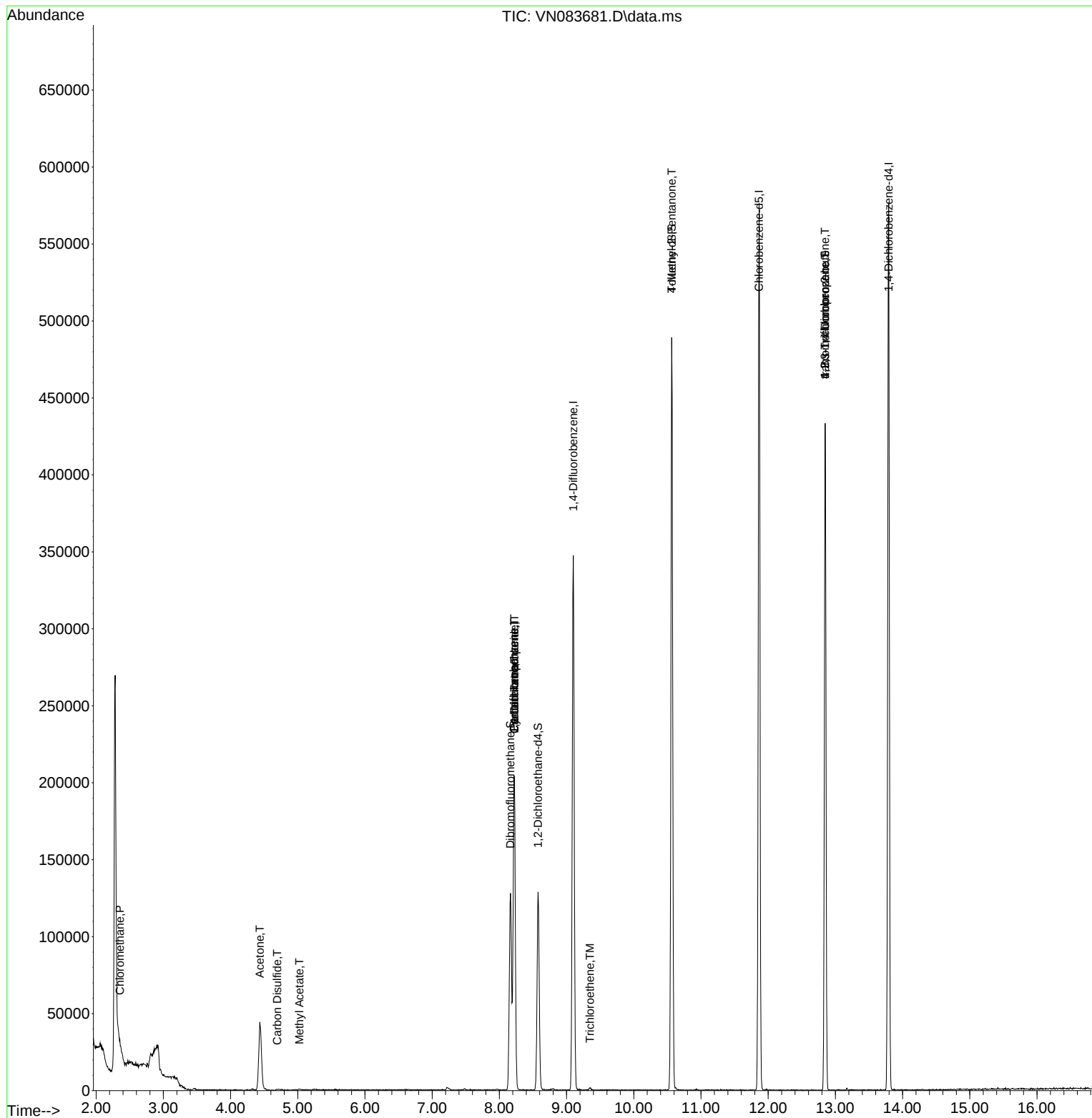
Internal Standards						
1) Pentafluorobenzene	8.218	168	142229	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	291890	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	308735	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	150328	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	111033	55.858	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.720%
35) Dibromofluoromethane	8.165	113	89869	51.154	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.300%
50) Toluene-d8	10.565	98	324710	47.468	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.940%
62) 4-Bromofluorobenzene	12.847	95	148391	58.552	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	117.100%
Target Compounds						
					Qvalue	
3) Chloromethane	2.353	50	2555	1.457	ug/l #	41
16) Acetone	4.436	43	1954	2.465	ug/l	95
17) Carbon Disulfide	4.694	76	1300	0.286	ug/l #	75
18) Methyl Acetate	5.024	43	961	0.456	ug/l #	63
31) Cyclohexane	8.224	56	3944	1.283	ug/l #	35
36) 1,1-Dichloropropene	8.224	75	12766	4.764	ug/l #	50
38) Carbon Tetrachloride	8.224	117	17037	5.572	ug/l #	17
43) Isopropyl Acetate	8.741	43	119	Below Cal	#	57
44) Trichloroethene	9.347	130	565	0.285	ug/l	74
51) 4-Methyl-2-Pentanone	10.565	43	1584	0.639	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	84421	27.815	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	84421	65.604	ug/l #	9

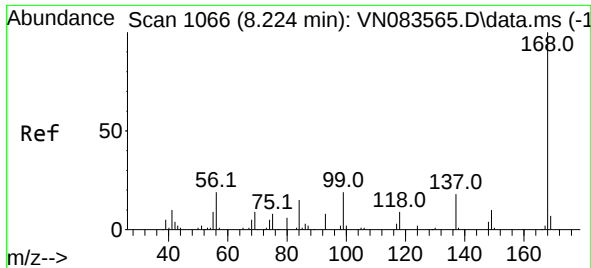
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 06 02:20:34 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
Quant Title : SW846 8260
QLast Update : Sat Aug 31 00:48:10 2024
Response via : Initial Calibration

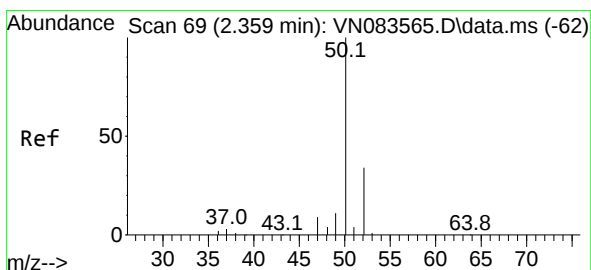
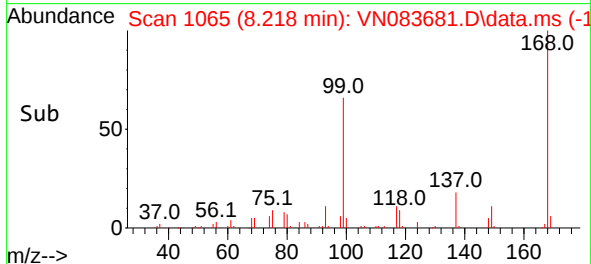
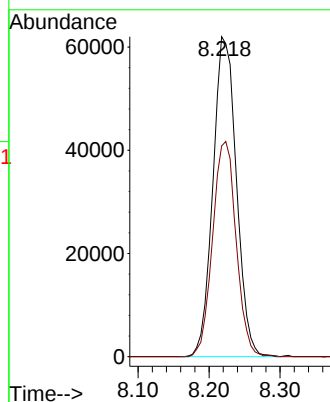
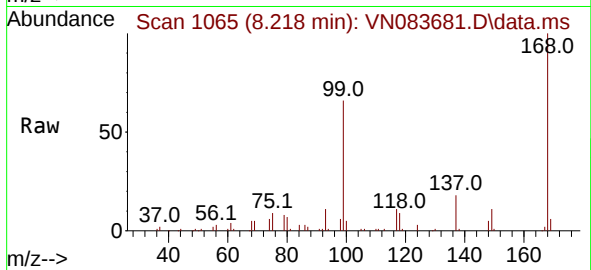




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 10
Delta R.T. -0.006 min
Lab File: VN083681.D
Acq: 05 Sep 2024 17:27

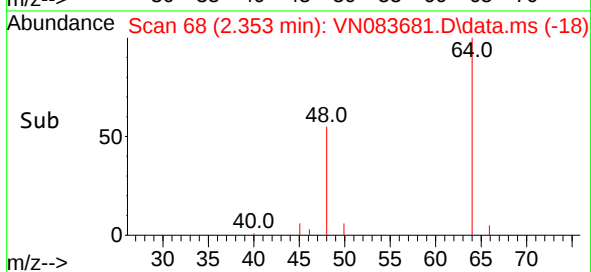
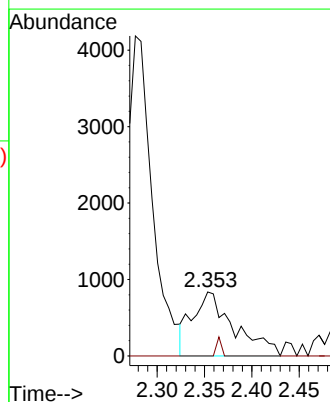
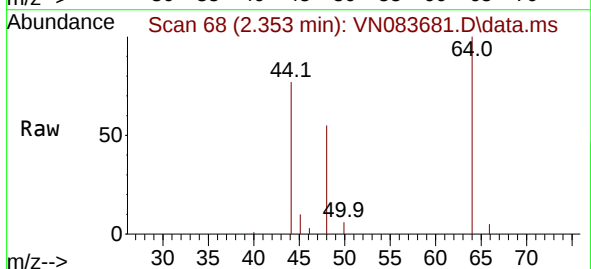
Instrument :
MSVOA_N
ClientSampleId :

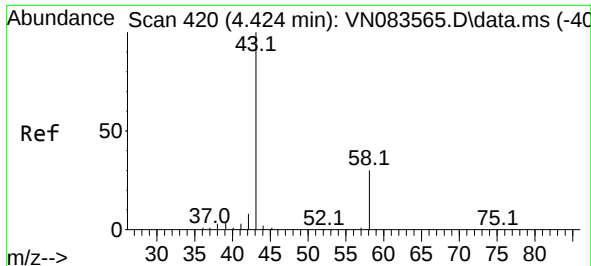
Tgt Ion:168 Resp: 142229
Ion Ratio Lower Upper
168 100
99 65.9 54.2 81.2



#3
Chloromethane
Concen: 1.457 ug/l
RT: 2.353 min Scan# 68
Delta R.T. -0.006 min
Lab File: VN083681.D
Acq: 05 Sep 2024 17:27

Tgt Ion: 50 Resp: 2555
Ion Ratio Lower Upper
50 100
52 0.0 27.2 40.8#

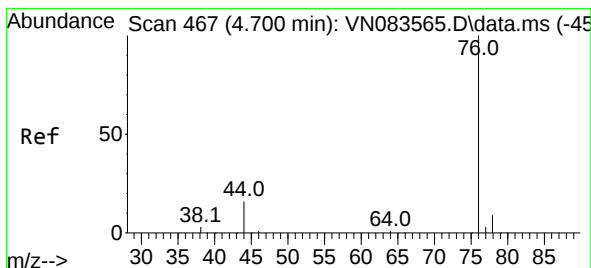
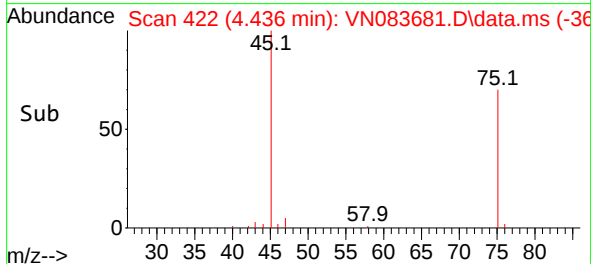
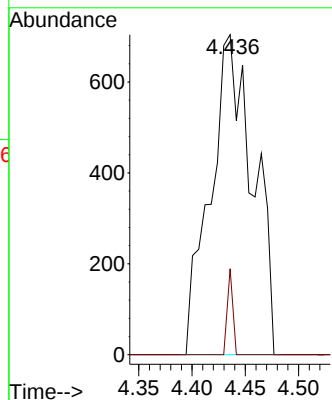
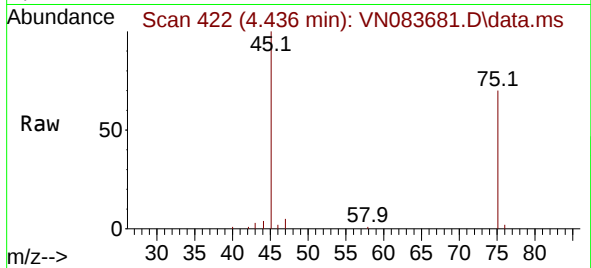




#16
Acetone
Concen: 2.465 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN083681.D
Acq: 05 Sep 2024 17:27

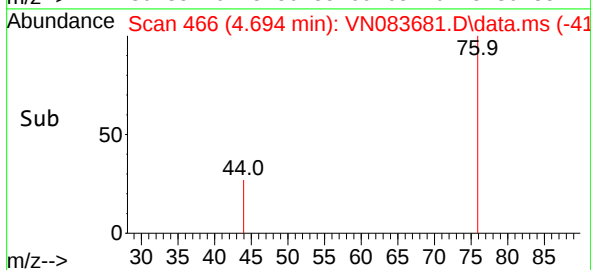
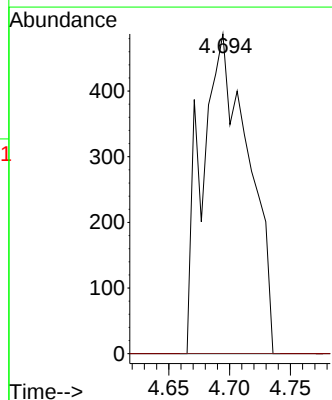
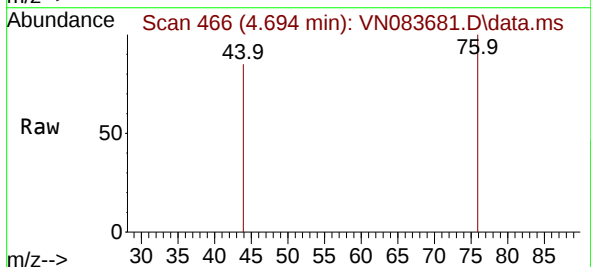
Instrument :
MSVOA_N
ClientSampleId :

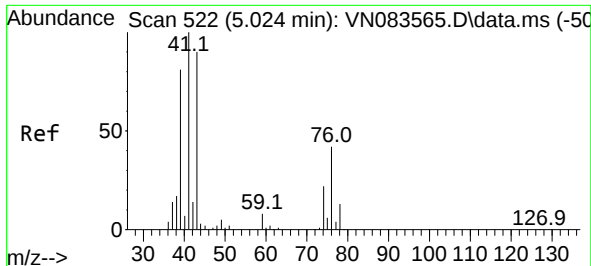
Tgt Ion: 43 Resp: 1954
Ion Ratio Lower Upper
43 100
58 26.8 23.7 35.5



#17
Carbon Disulfide
Concen: 0.286 ug/l
RT: 4.694 min Scan# 466
Delta R.T. -0.006 min
Lab File: VN083681.D
Acq: 05 Sep 2024 17:27

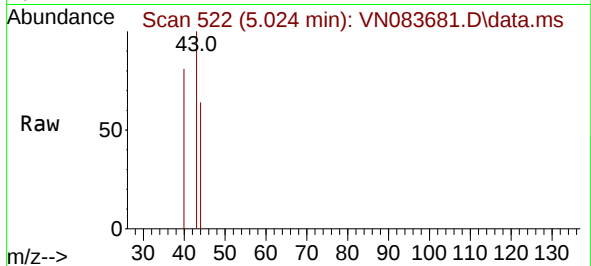
Tgt Ion: 76 Resp: 1300
Ion Ratio Lower Upper
76 100
78 0.0 7.1 10.7#



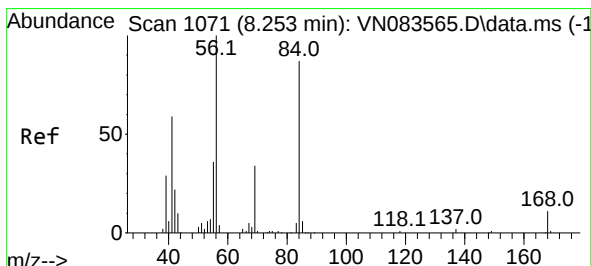
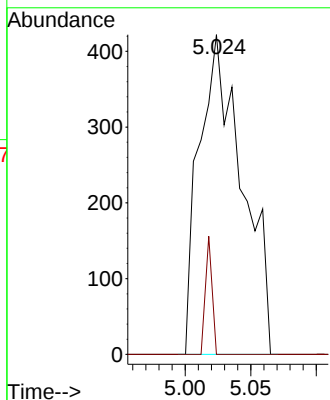
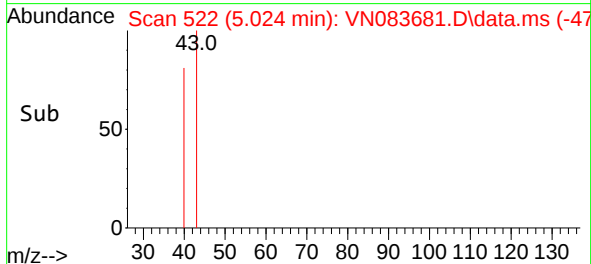


#18
Methyl Acetate
Concen: 0.456 ug/l
RT: 5.024 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN083681.D
Acq: 05 Sep 2024 17:27

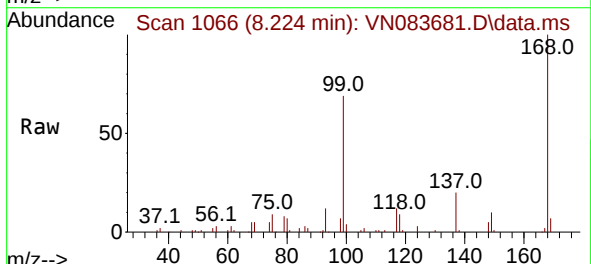
Instrument :
MSVOA_N
ClientSampleId :



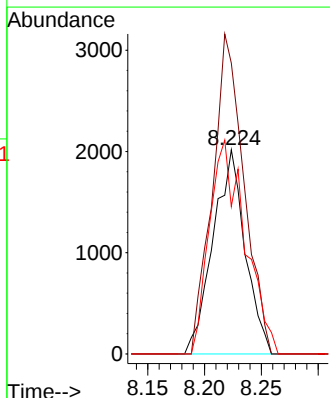
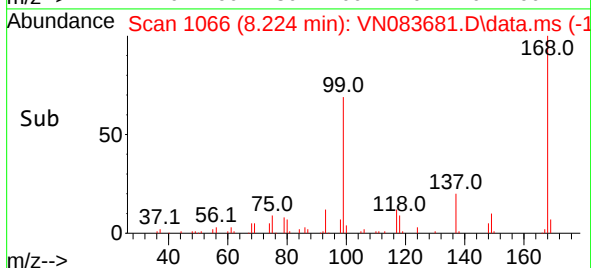
Tgt Ion: 43 Resp: 961
Ion Ratio Lower Upper
43 100
74 5.7 19.0 28.4#

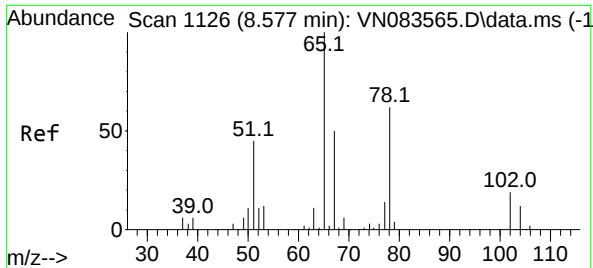


#31
Cyclohexane
Concen: 1.283 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN083681.D
Acq: 05 Sep 2024 17:27



Tgt Ion: 56 Resp: 3944
Ion Ratio Lower Upper
56 100
69 142.5 26.9 40.3#
84 72.2 69.2 103.8

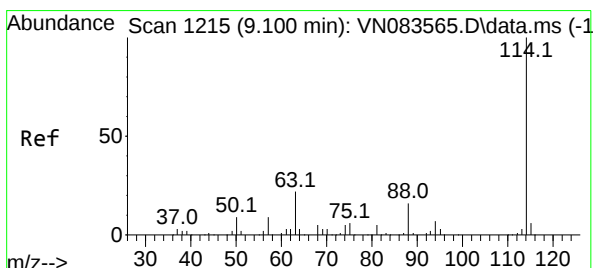
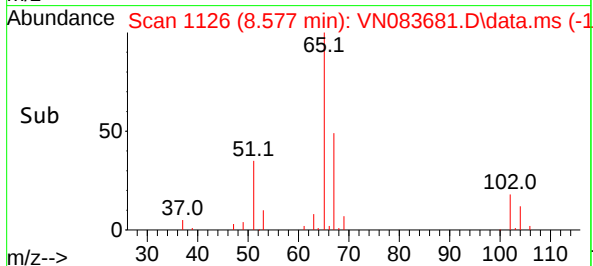
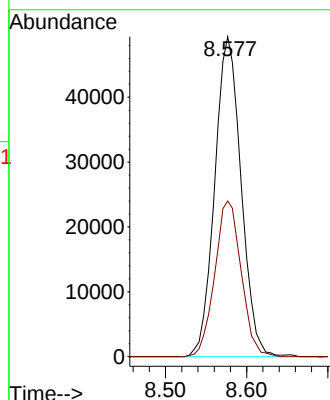
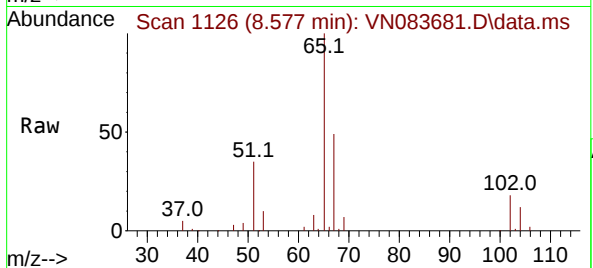




#33
 1,2-Dichloroethane-d4
 Concen: 55.858 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VN083681.D
 Acq: 05 Sep 2024 17:27

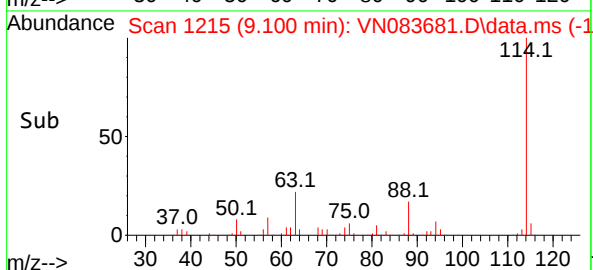
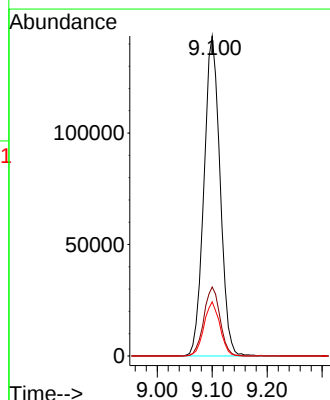
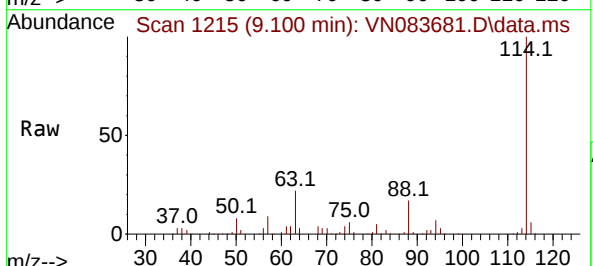
Instrument :
 MSVOA_N
 ClientSampleId :

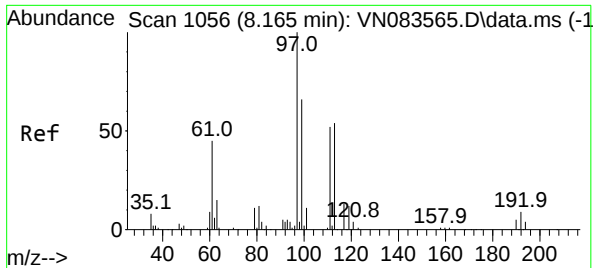
Tgt Ion: 65 Resp: 111033
 Ion Ratio Lower Upper
 65 100
 67 48.8 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.000 min
 Lab File: VN083681.D
 Acq: 05 Sep 2024 17:27

Tgt Ion: 114 Resp: 291890
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 43.4
 88 16.9 0.0 32.6

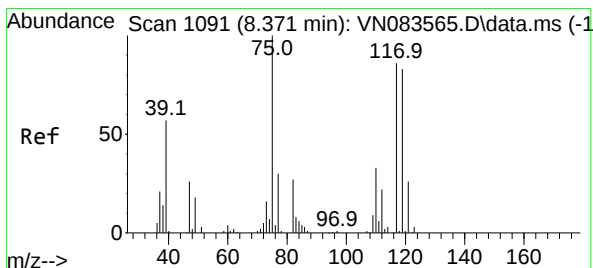
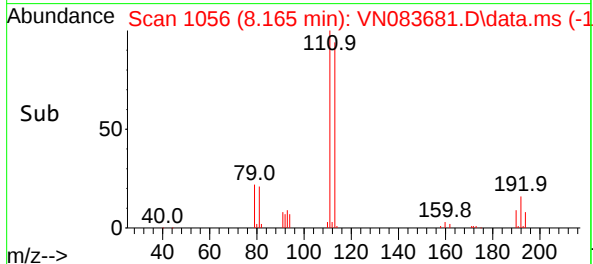
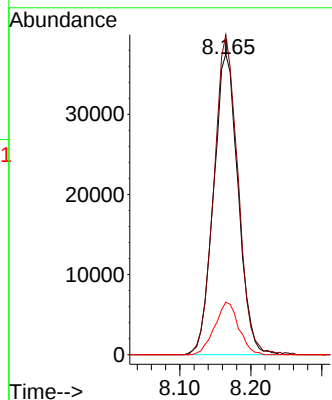
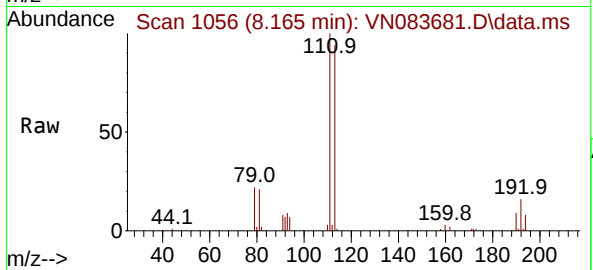




#35
Dibromofluoromethane
Concen: 51.154 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN083681.D
Acq: 05 Sep 2024 17:27

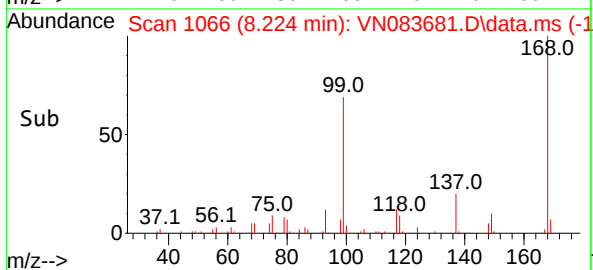
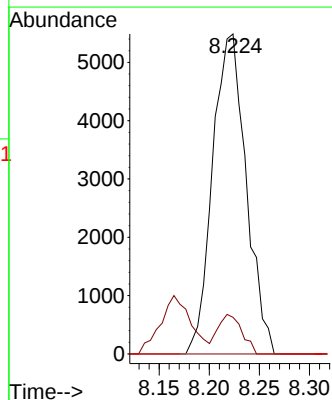
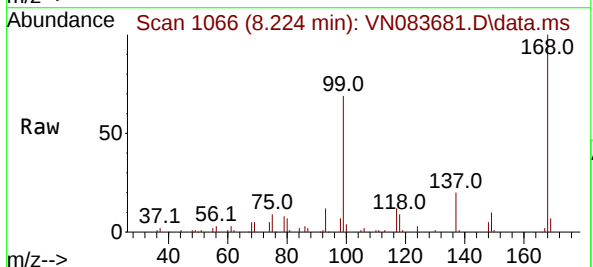
Instrument :
MSVOA_N
ClientSampleId :

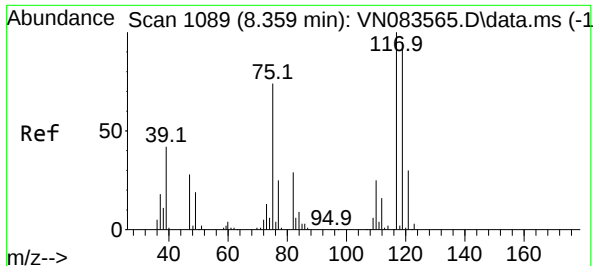
Tgt Ion:113 Resp: 89869
Ion Ratio Lower Upper
113 100
111 103.9 82.6 124.0
192 17.0 14.3 21.5



#36
1,1-Dichloropropene
Concen: 4.764 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN083681.D
Acq: 05 Sep 2024 17:27

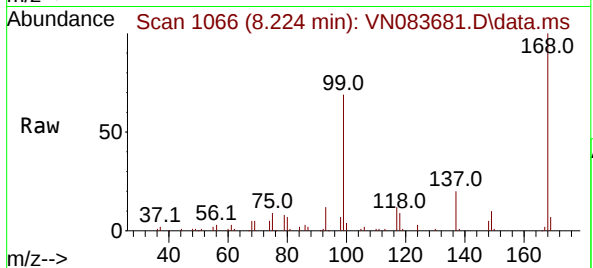
Tgt Ion: 75 Resp: 12766
Ion Ratio Lower Upper
75 100
110 8.8 16.7 50.1#
77 0.0 25.2 37.8#



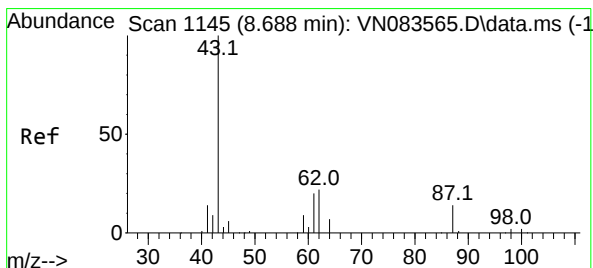
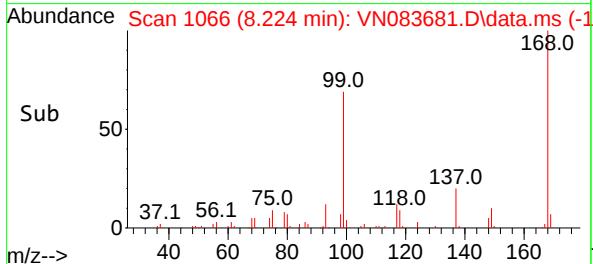
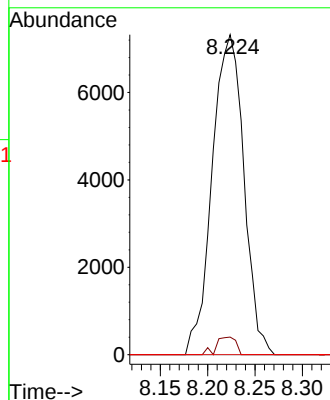


#38
Carbon Tetrachloride
Concen: 5.572 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN083681.D
Acq: 05 Sep 2024 17:27

Instrument :
MSVOA_N
ClientSampleId :

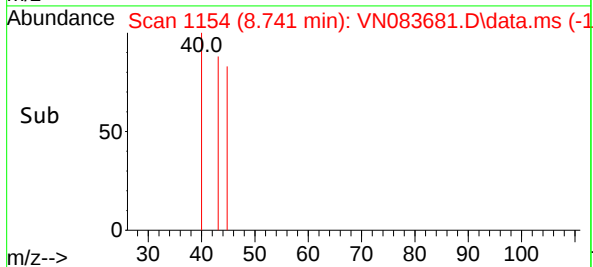
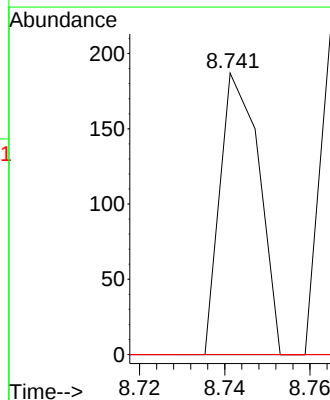
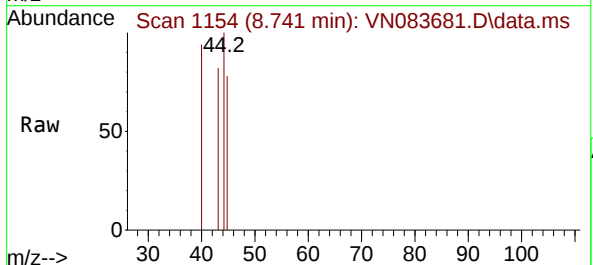


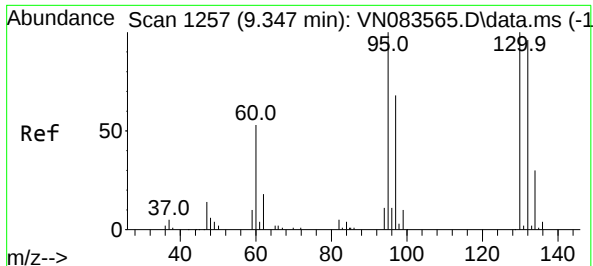
Tgt Ion:117 Resp: 17037
Ion Ratio Lower Upper
117 100
119 5.5 76.1 114.1#
121 0.0 24.1 36.1#



#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.741 min Scan# 1154
Delta R.T. 0.053 min
Lab File: VN083681.D
Acq: 05 Sep 2024 17:27

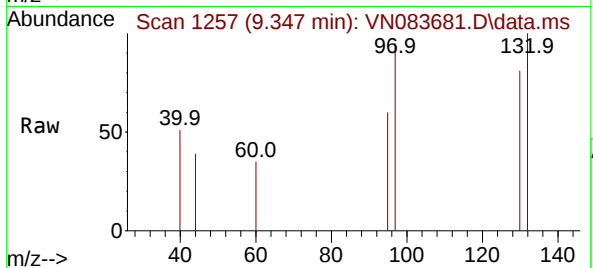
Tgt Ion: 43 Resp: 119
Ion Ratio Lower Upper
43 100
61 0.0 19.4 29.0#
87 0.0 9.8 14.6#



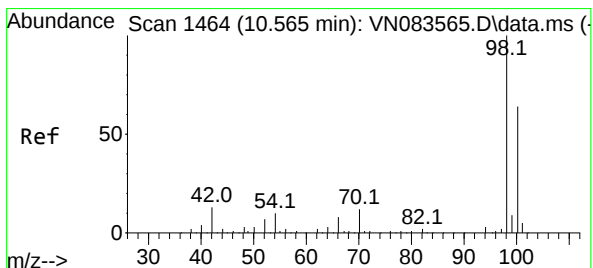
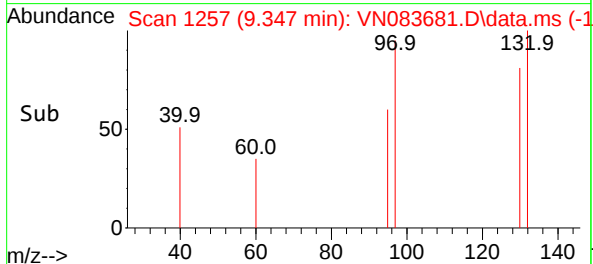
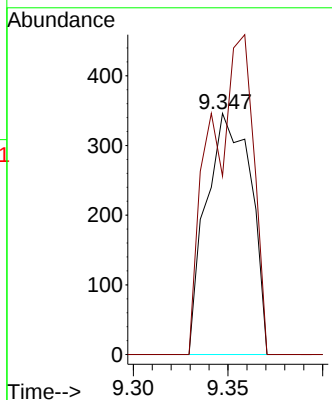


#44
Trichloroethene
Concen: 0.285 ug/l
RT: 9.347 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083681.D
Acq: 05 Sep 2024 17:27

Instrument :
MSVOA_N
ClientSampleId :

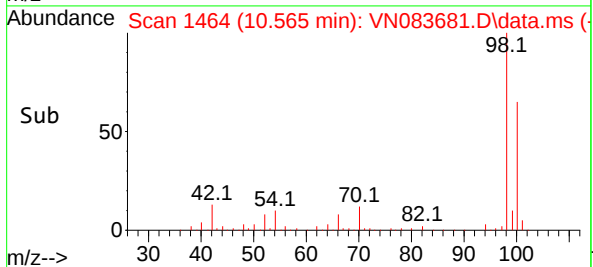
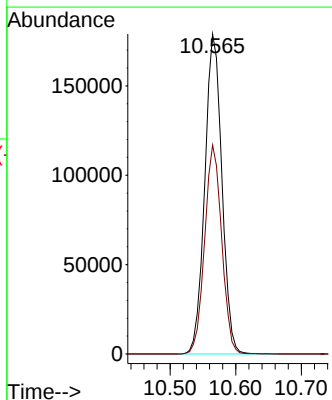
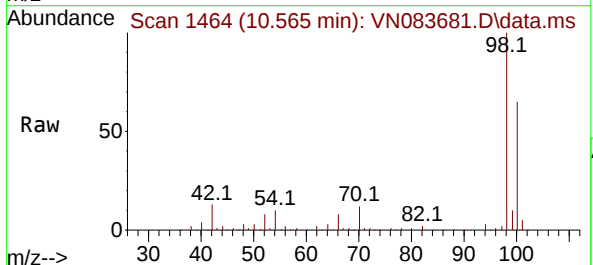


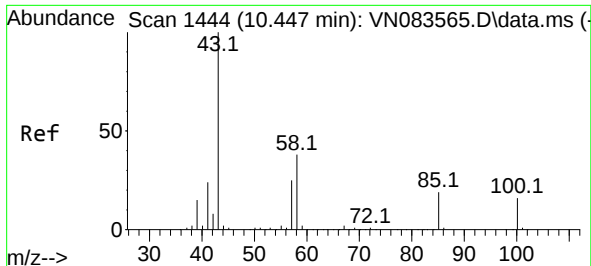
Tgt Ion:130 Resp: 565
Ion Ratio Lower Upper
130 100
95 74.0 0.0 200.4



#50
Toluene-d8
Concen: 47.468 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083681.D
Acq: 05 Sep 2024 17:27

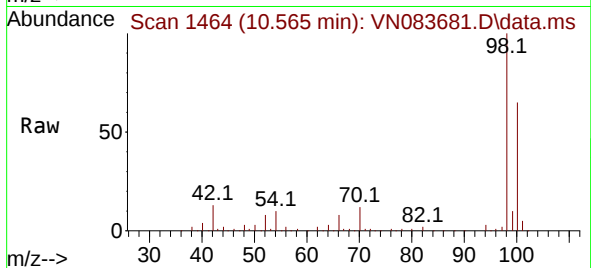
Tgt Ion: 98 Resp: 324710
Ion Ratio Lower Upper
98 100
100 65.1 52.0 78.0



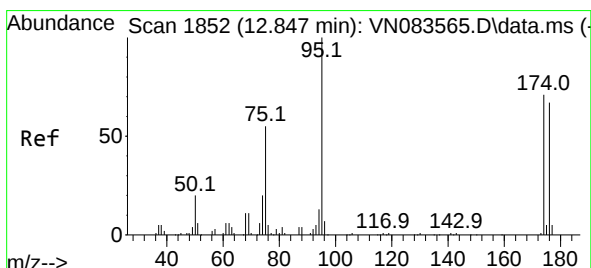
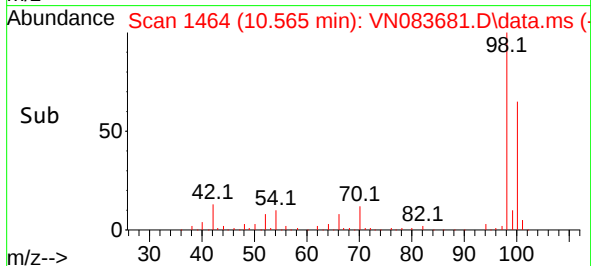
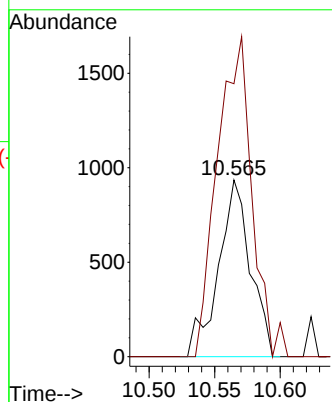


#51
4-Methyl-2-Pentanone
Concen: 0.639 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.118 min
Lab File: VN083681.D
Acq: 05 Sep 2024 17:27

Instrument :
MSVOA_N
ClientSampleId :

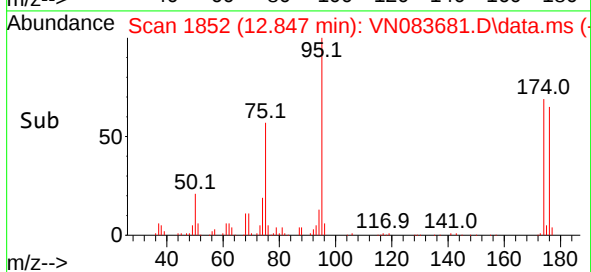
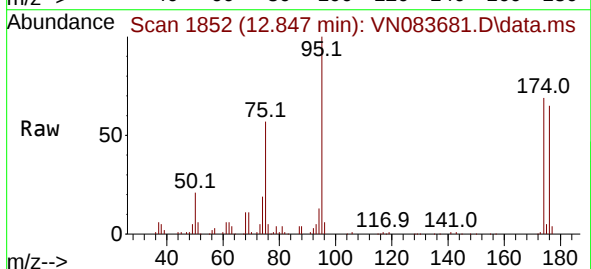
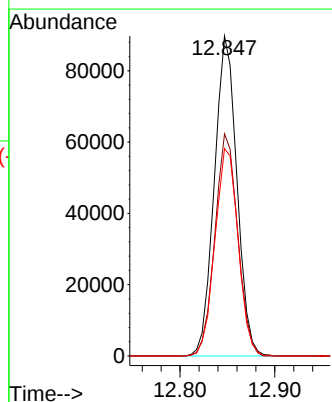


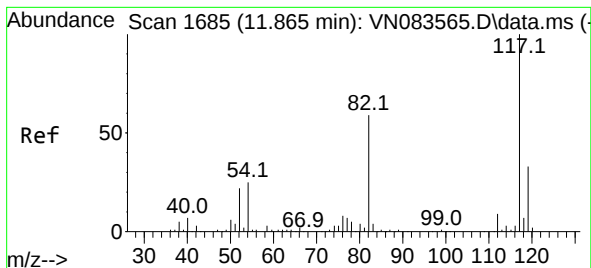
Tgt Ion: 43 Resp: 1584
Ion Ratio Lower Upper
43 100
58 196.7 31.6 47.4#



#62
4-Bromofluorobenzene
Concen: 58.552 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083681.D
Acq: 05 Sep 2024 17:27

Tgt Ion: 95 Resp: 148391
Ion Ratio Lower Upper
95 100
174 70.2 0.0 139.8
176 66.8 0.0 131.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN083681.D

Acq: 05 Sep 2024 17:27

Instrument :

MSVOA_N

ClientSampleId :

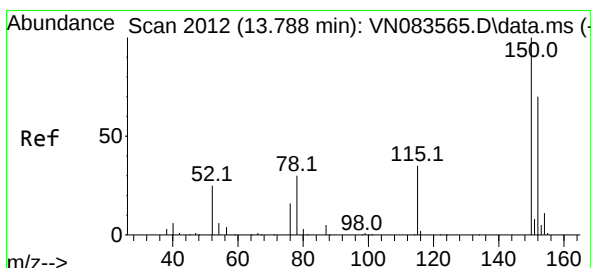
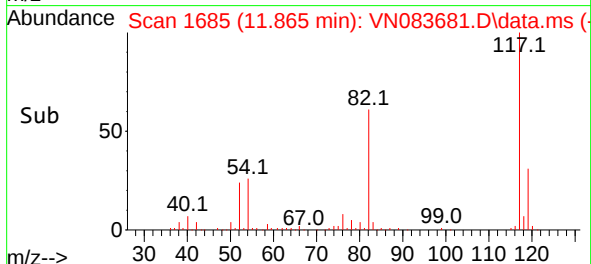
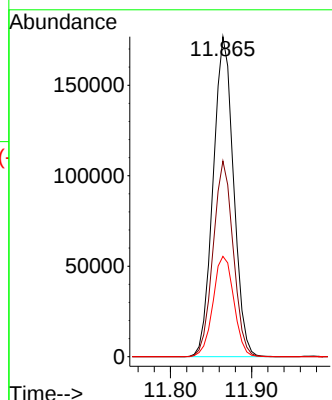
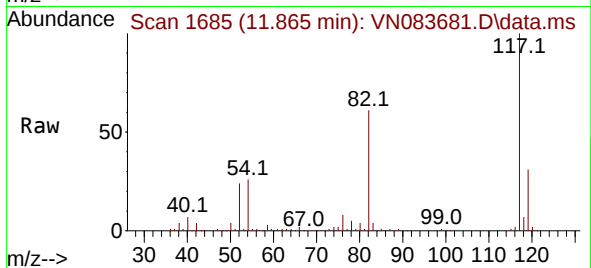
Tgt Ion:117 Resp: 308735

Ion Ratio Lower Upper

117 100

82 61.2 47.4 71.0

119 31.3 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.006 min

Lab File: VN083681.D

Acq: 05 Sep 2024 17:27

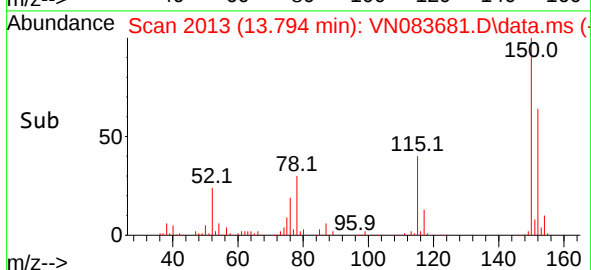
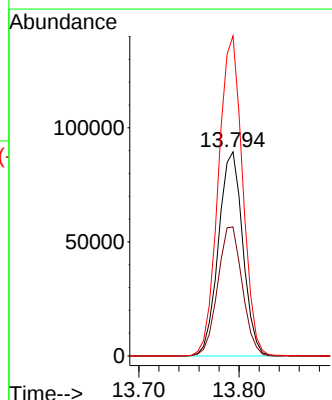
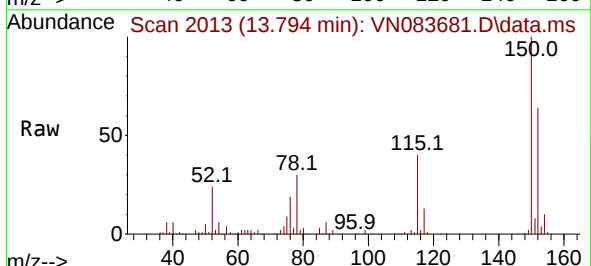
Tgt Ion:152 Resp: 150328

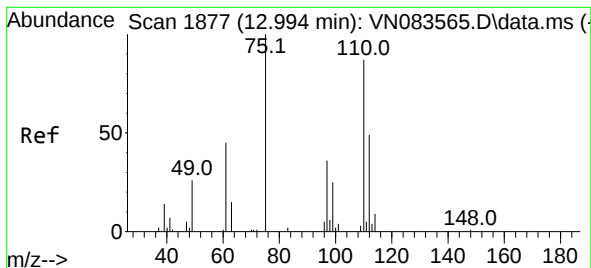
Ion Ratio Lower Upper

152 100

115 63.9 32.2 96.6

150 156.0 0.0 348.6





#76

1,2,3-Trichloropropane

Concen: 27.815 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN083681.D

Acq: 05 Sep 2024 17:27

Instrument :

MSVOA_N

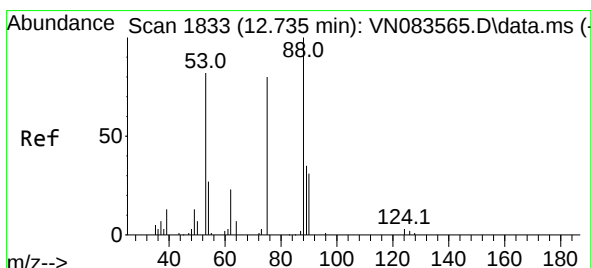
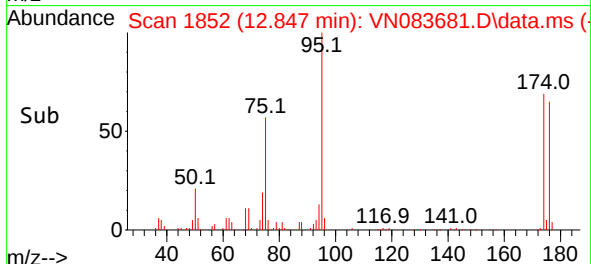
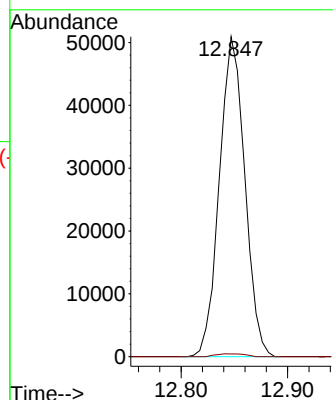
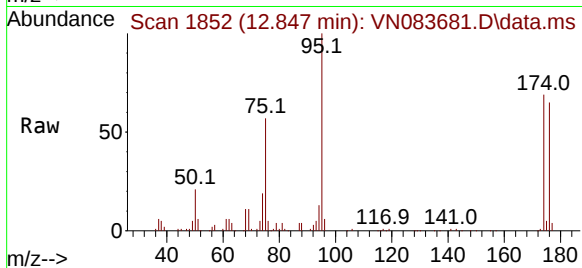
ClientSampleId :

Tgt Ion: 75 Resp: 84421

Ion Ratio Lower Upper

75 100

77 1.0 95.2 285.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 65.604 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.112 min

Lab File: VN083681.D

Acq: 05 Sep 2024 17:27

Tgt Ion: 75 Resp: 84421

Ion Ratio Lower Upper

75 100

53 0.0 81.2 121.8#

89 0.0 35.7 53.5#

