

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082624\
 Data File : VN083482.D
 Acq On : 26 Aug 2024 15:20
 Operator : JC\MD
 Sample : P3654-18RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 27 01:57:18 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)

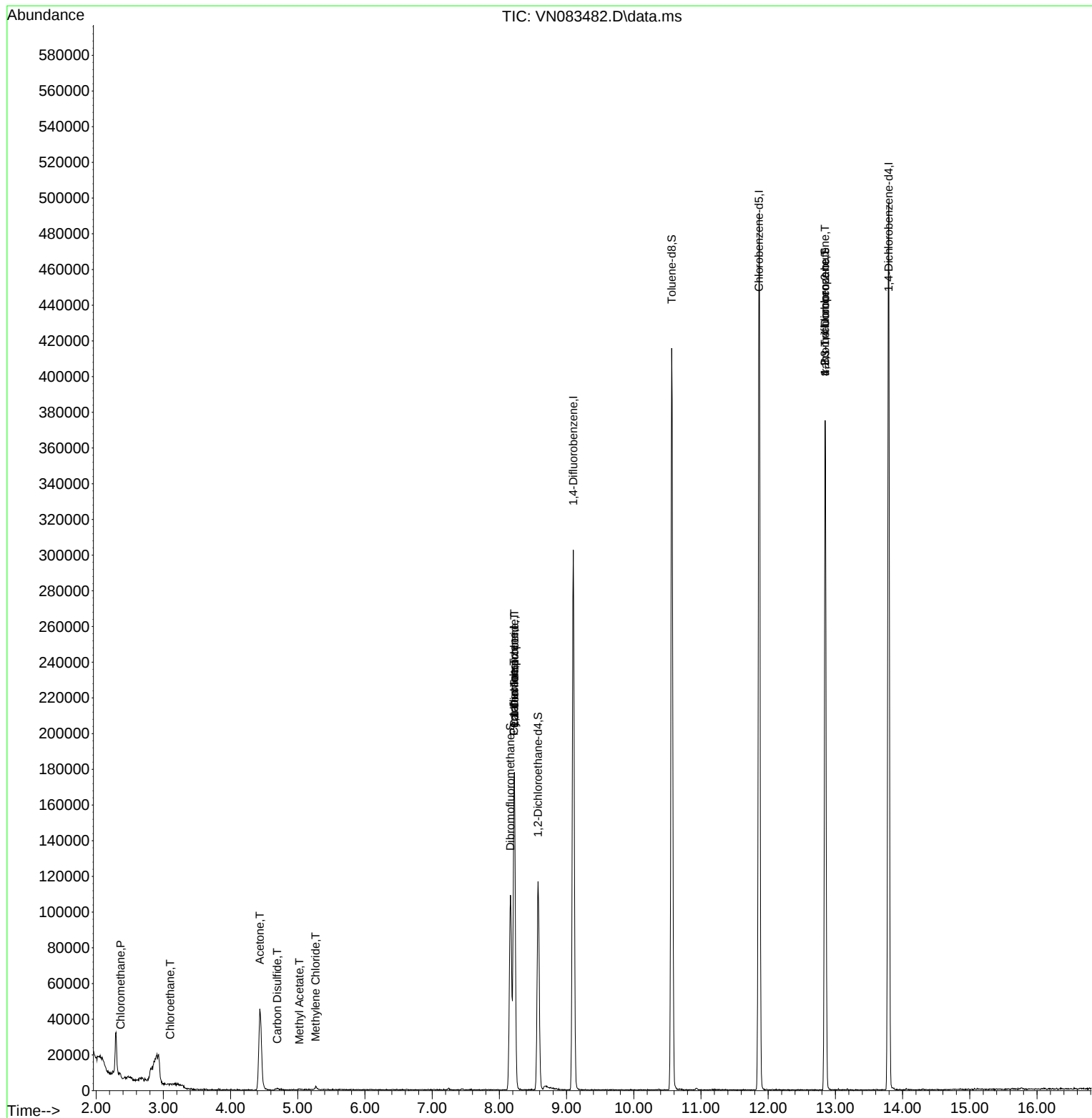
Internal Standards						
1) Pentafluorobenzene	8.218	168	123403	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	251993	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	271434	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	129288	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	98408	56.025	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	112.040%
35) Dibromofluoromethane	8.165	113	78433	49.866	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.740%
50) Toluene-d8	10.565	98	285356	48.635	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.280%
62) 4-Bromofluorobenzene	12.847	95	128511	56.182	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	112.360%
Target Compounds						
						Qvalue
3) Chloromethane	2.365	50	2117	1.478	ug/l #	87
6) Chloroethane	3.100	64	312	0.341	ug/l #	41
16) Acetone	4.436	43	905	1.317	ug/l #	48
17) Carbon Disulfide	4.694	76	1915	0.478	ug/l #	75
18) Methyl Acetate	5.024	43	909	0.444	ug/l #	56
20) Methylene Chloride	5.265	84	959	0.606	ug/l #	52
31) Cyclohexane	8.218	56	3452	1.326	ug/l #	38
36) 1,1-Dichloropropene	8.224	75	11498	4.832	ug/l #	49
38) Carbon Tetrachloride	8.224	117	14908	5.563	ug/l #	16
43) Isopropyl Acetate	8.688	43	2074	Below Cal	#	60
76) 1,2,3-Trichloropropane	12.847	75	72435	25.527	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	72435	55.528	ug/l #	6

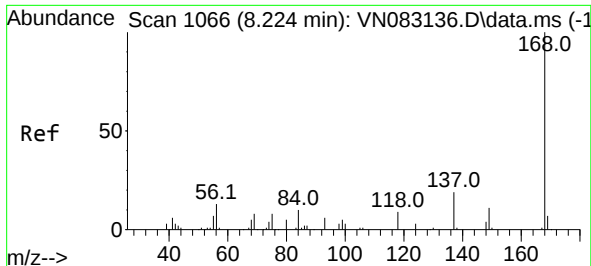
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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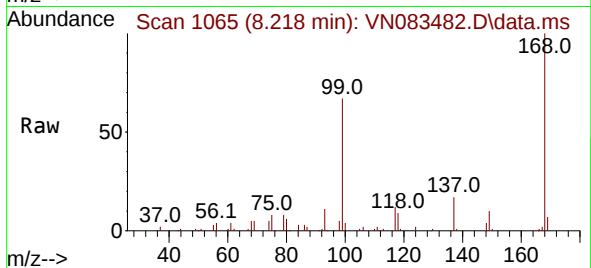
Quant Time: Aug 27 01:57:18 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 08 06:30:41 2024
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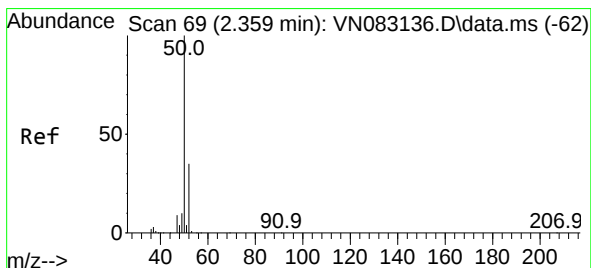
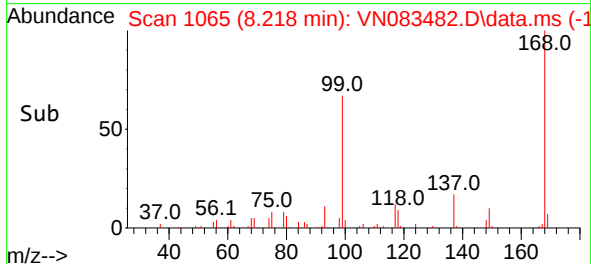
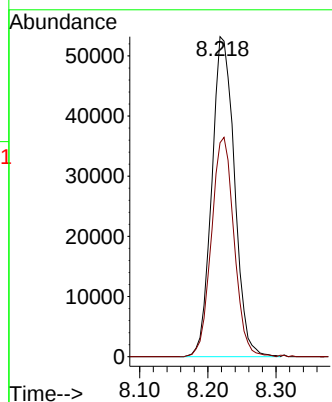


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1066
Delta R.T. -0.006 min
Lab File: VN083482.D
Acq: 26 Aug 2024 15:20

Instrument :
MSVOA_N
ClientSampleId :

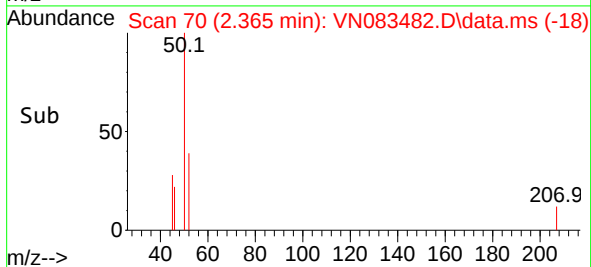
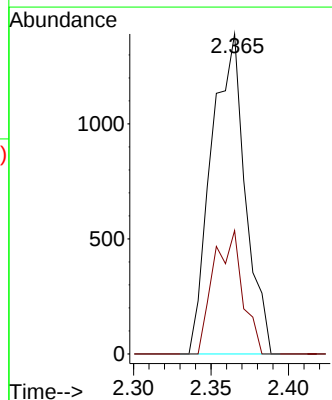
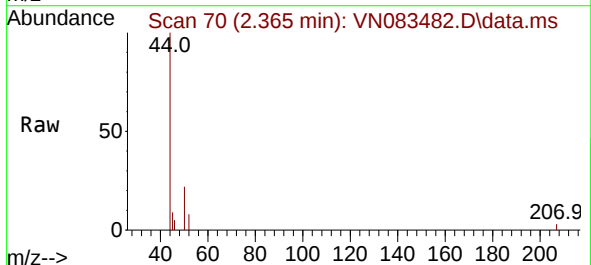


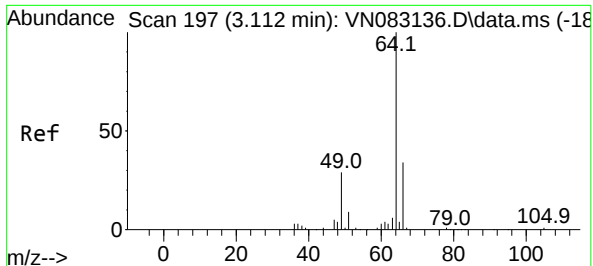
Tgt Ion:168 Resp: 123403
Ion Ratio Lower Upper
168 100
99 66.9 48.2 72.4



#3
Chloromethane
Concen: 1.478 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN083482.D
Acq: 26 Aug 2024 15:20

Tgt Ion: 50 Resp: 2117
Ion Ratio Lower Upper
50 100
52 38.5 25.0 37.4#

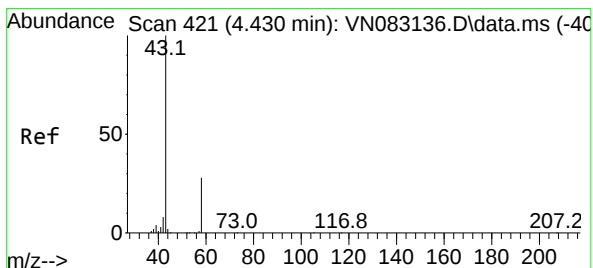
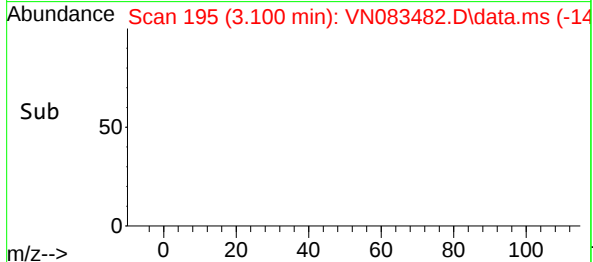
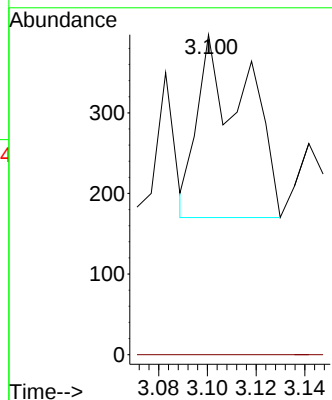
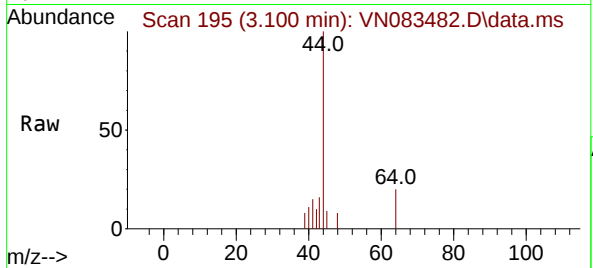




#6
Chloroethane
Concen: 0.341 ug/l
RT: 3.100 min Scan# 195
Delta R.T. -0.012 min
Lab File: VN083482.D
Acq: 26 Aug 2024 15:20

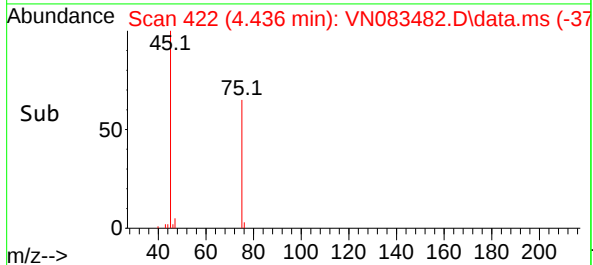
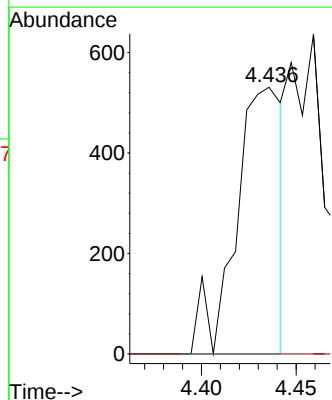
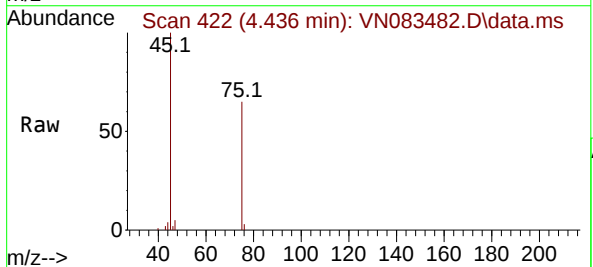
Instrument :
MSVOA_N
ClientSampleId :

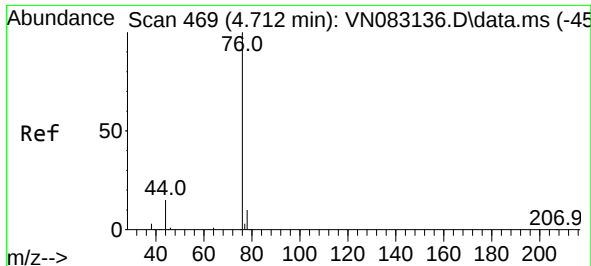
Tgt Ion: 64 Resp: 312
Ion Ratio Lower Upper
64 100
66 0.0 26.6 40.0#



#16
Acetone
Concen: 1.317 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN083482.D
Acq: 26 Aug 2024 15:20

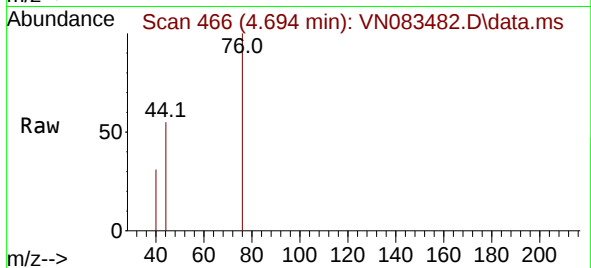
Tgt Ion: 43 Resp: 905
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#



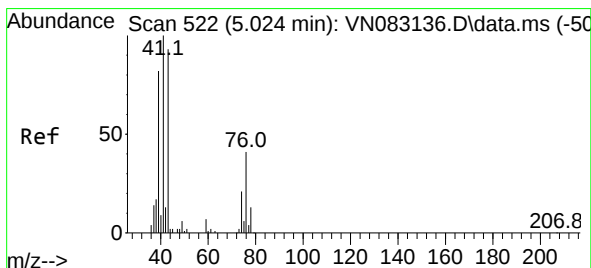
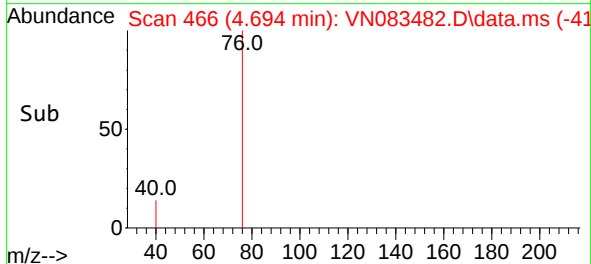
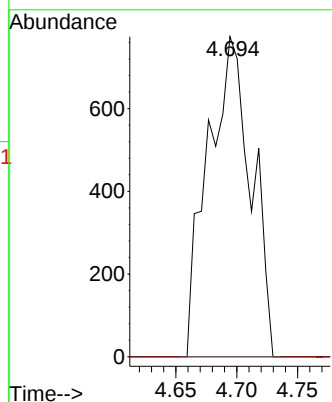


#17
Carbon Disulfide
Concen: 0.478 ug/l
RT: 4.694 min Scan# 41
Delta R.T. -0.018 min
Lab File: VN083482.D
Acq: 26 Aug 2024 15:20

Instrument :
MSVOA_N
ClientSampleId :

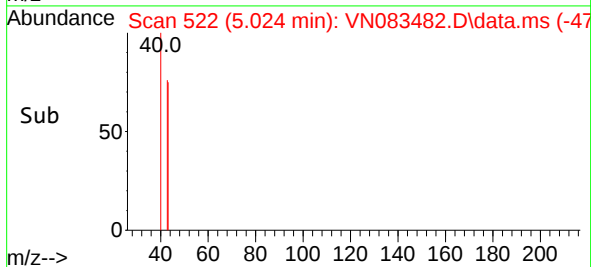
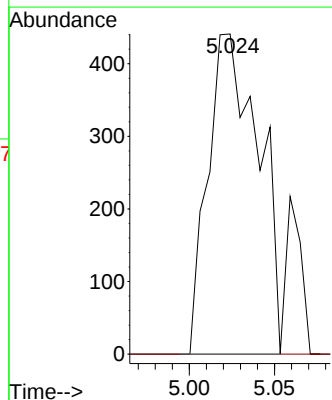
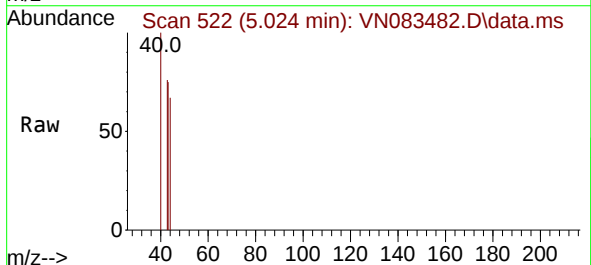


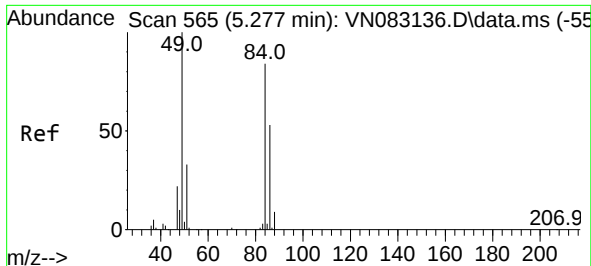
Tgt Ion: 76 Resp: 1915
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 0.444 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN083482.D
Acq: 26 Aug 2024 15:20

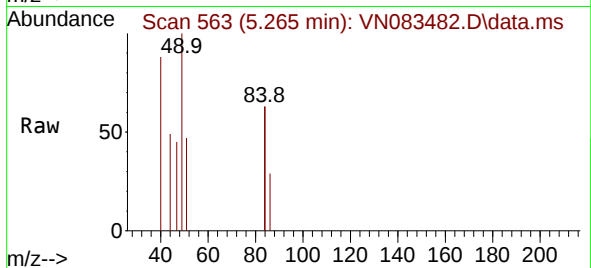
Tgt Ion: 43 Resp: 909
Ion Ratio Lower Upper
43 100
74 0.0 16.3 24.5#



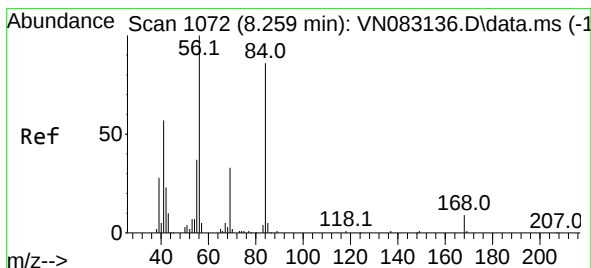
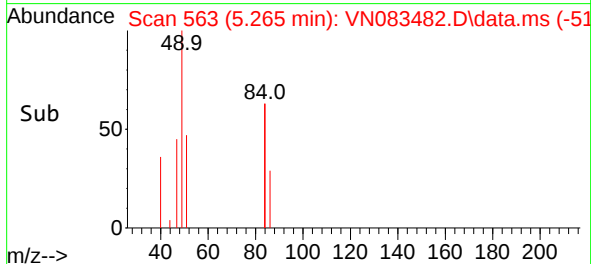
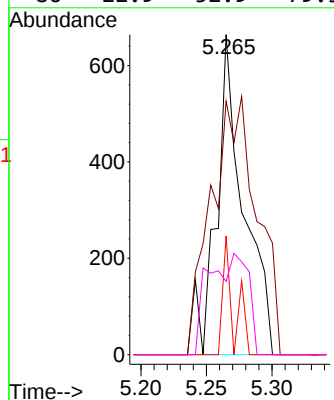


#20
Methylene Chloride
Concen: 0.606 ug/l
RT: 5.265 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN083482.D
Acq: 26 Aug 2024 15:20

Instrument :
MSVOA_N
ClientSampleId :

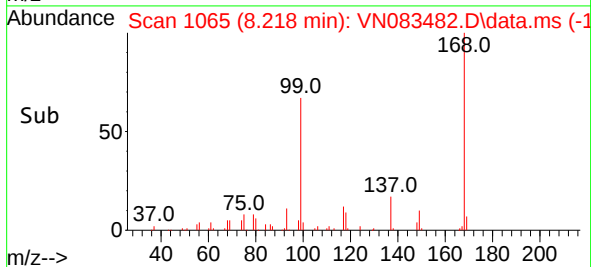
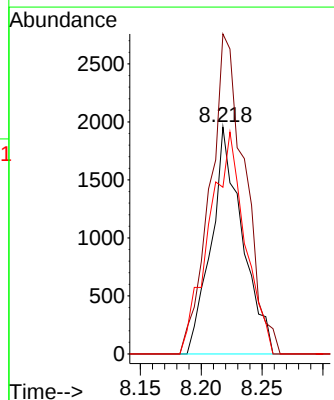
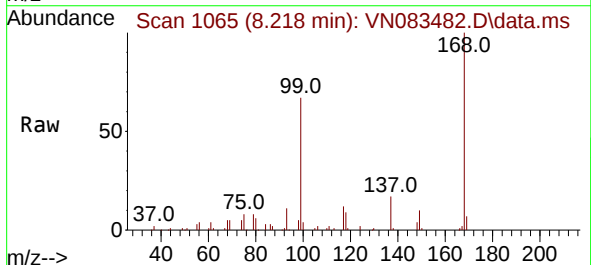


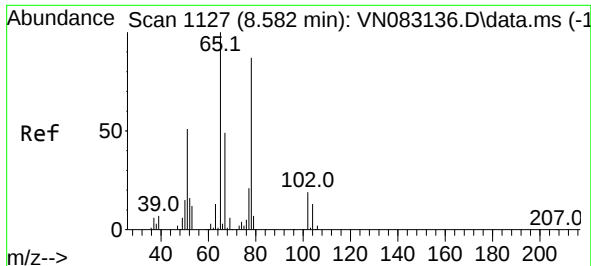
Tgt Ion:	84	Resp:	959
Ion	Ratio	Lower	Upper
84	100		
49	79.2	119.6	179.4#
51	37.0	34.8	52.2
86	22.9	52.9	79.3#



#31
Cyclohexane
Concen: 1.326 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN083482.D
Acq: 26 Aug 2024 15:20

Tgt Ion:	56	Resp:	3452
Ion	Ratio	Lower	Upper
56	100		
69	141.0	24.5	36.7#
84	73.5	66.0	99.0





#33

1,2-Dichloroethane-d4

Concen: 56.025 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.005 min

Lab File: VN083482.D

Acq: 26 Aug 2024 15:20

Instrument :

MSVOA_N

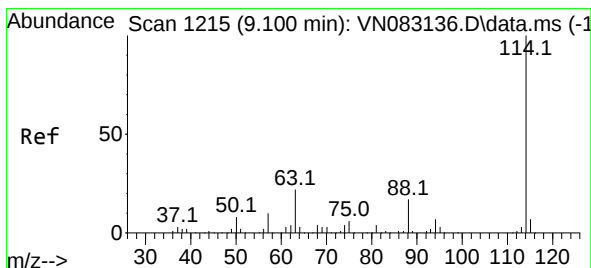
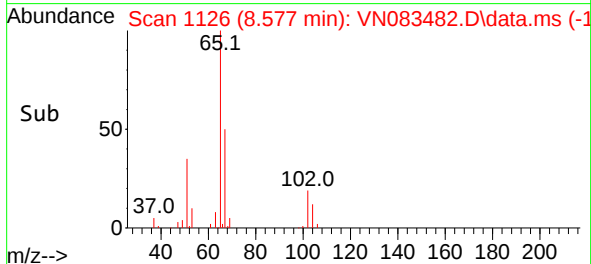
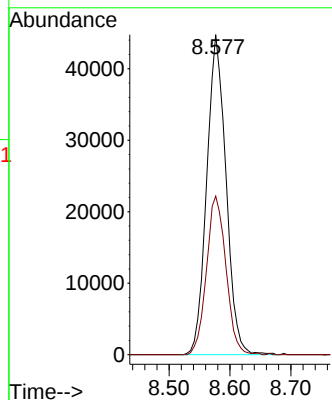
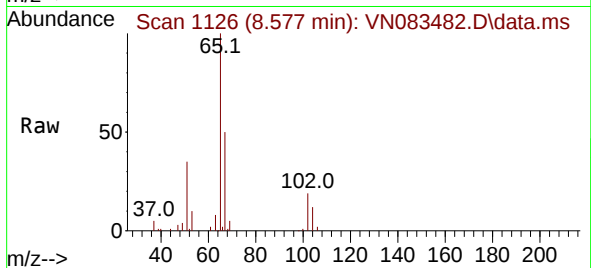
ClientSampleId :

Tgt Ion: 65 Resp: 98408

Ion Ratio Lower Upper

65 100

67 50.1 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: VN083482.D

Acq: 26 Aug 2024 15:20

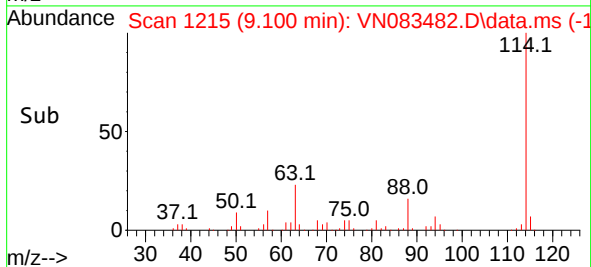
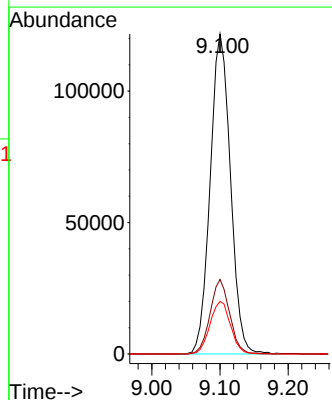
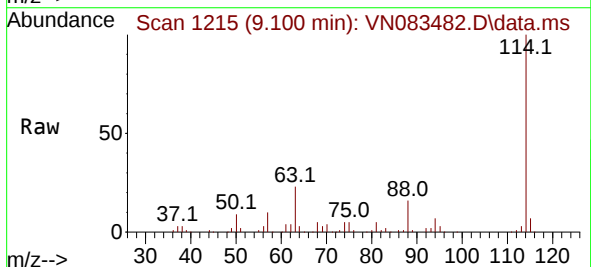
Tgt Ion: 114 Resp: 251993

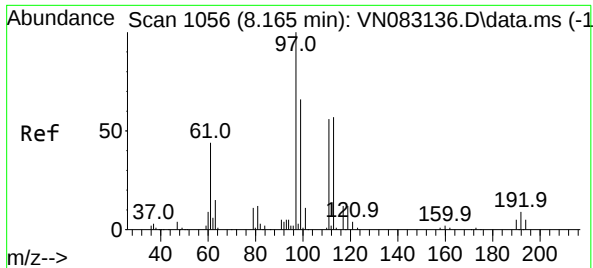
Ion Ratio Lower Upper

114 100

63 23.3 0.0 44.6

88 16.4 0.0 31.4

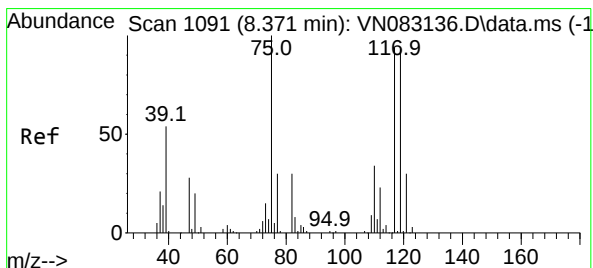
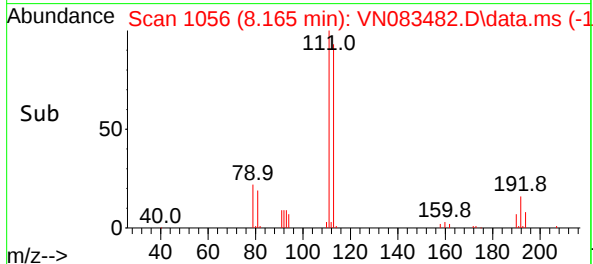
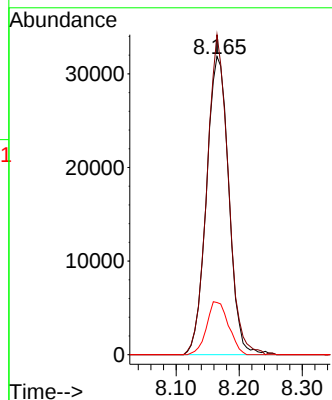
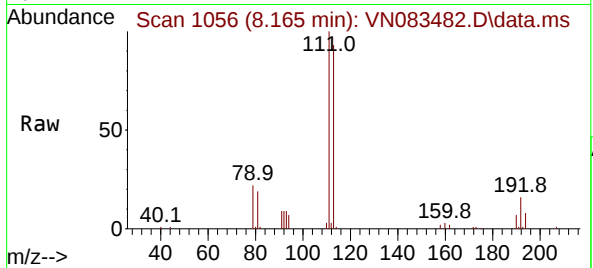




#35
Dibromofluoromethane
Concen: 49.866 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN083482.D
Acq: 26 Aug 2024 15:20

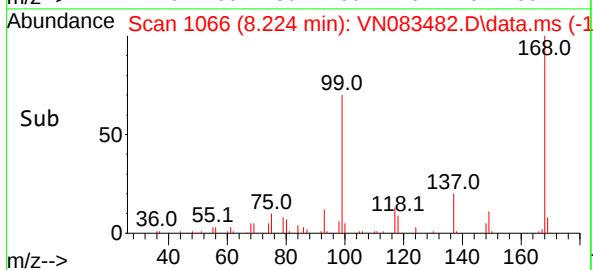
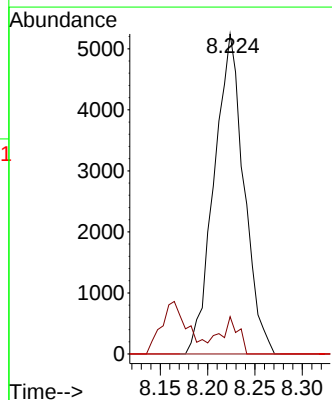
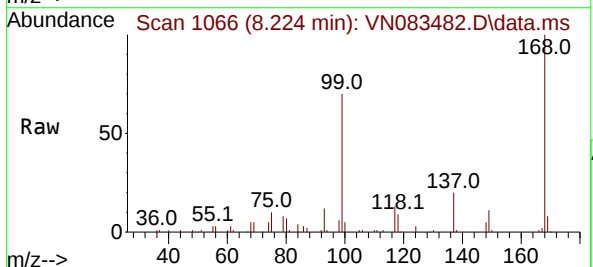
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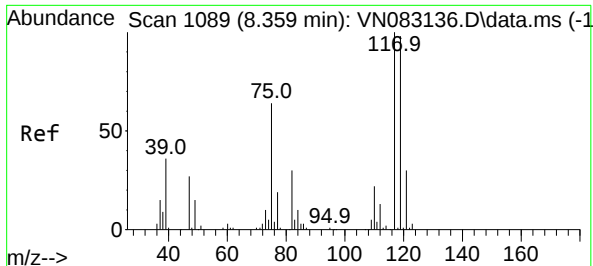
Tgt Ion:113 Resp: 78433
Ion Ratio Lower Upper
113 100
111 102.6 82.4 123.6
192 17.3 14.9 22.3



#36
1,1-Dichloropropene
Concen: 4.832 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN083482.D
Acq: 26 Aug 2024 15:20

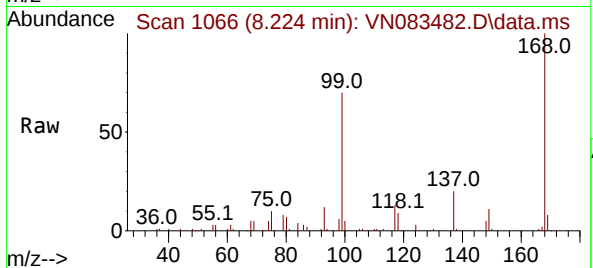
Tgt Ion: 75 Resp: 11498
Ion Ratio Lower Upper
75 100
110 7.0 16.3 48.9#
77 0.0 24.6 37.0#



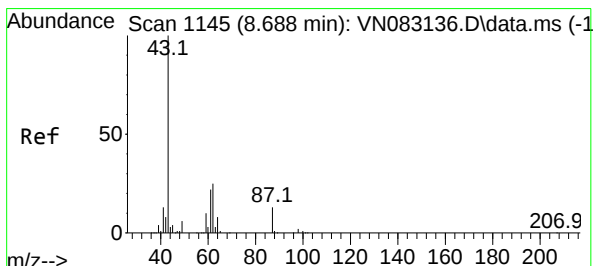
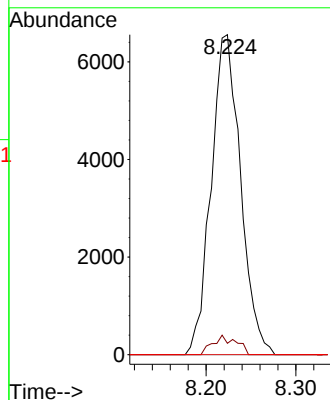
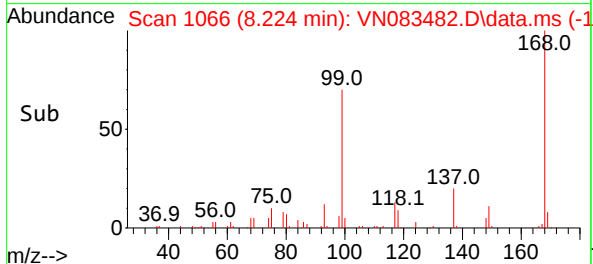


#38
Carbon Tetrachloride
Concen: 5.563 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN083482.D
Acq: 26 Aug 2024 15:20

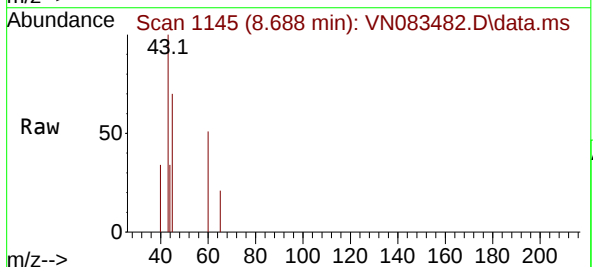
Instrument :
MSVOA_N
ClientSampleId :



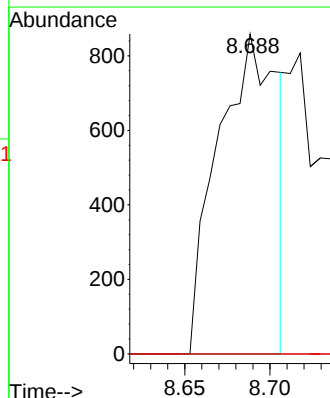
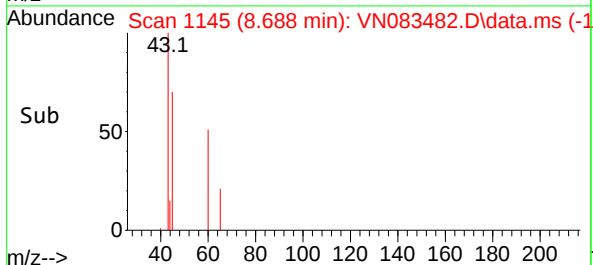
Tgt Ion:117 Resp: 14908
Ion Ratio Lower Upper
117 100
119 3.6 74.9 112.3#
121 0.0 24.3 36.5#

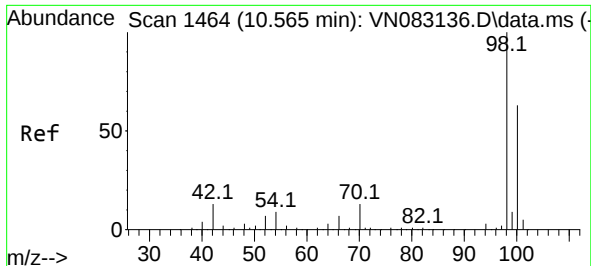


#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN083482.D
Acq: 26 Aug 2024 15:20



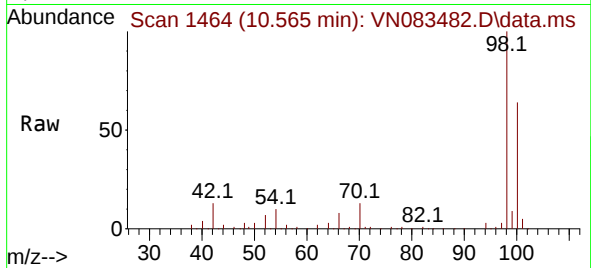
Tgt Ion: 43 Resp: 2074
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#



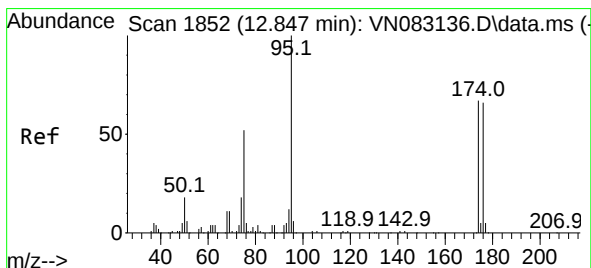
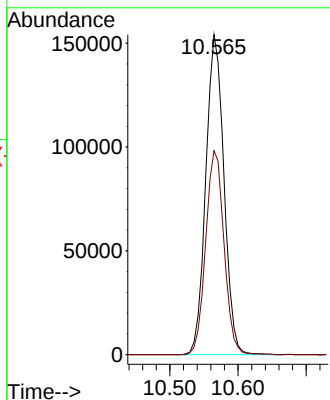
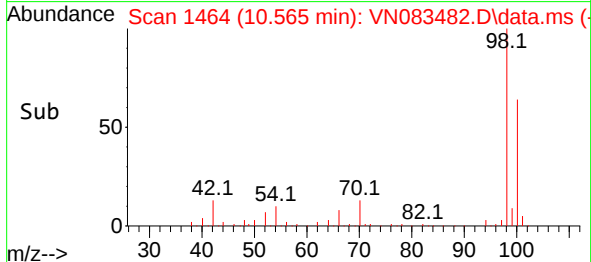


#50
Toluene-d8
Concen: 48.635 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083482.D
Acq: 26 Aug 2024 15:20

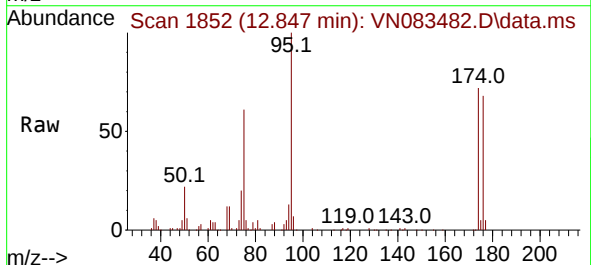
Instrument :
MSVOA_N
ClientSampleId :



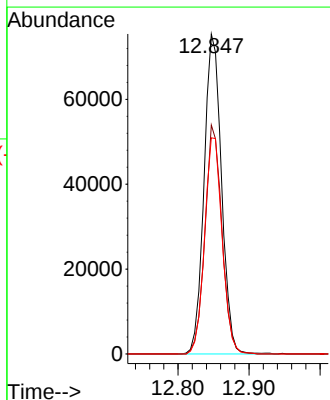
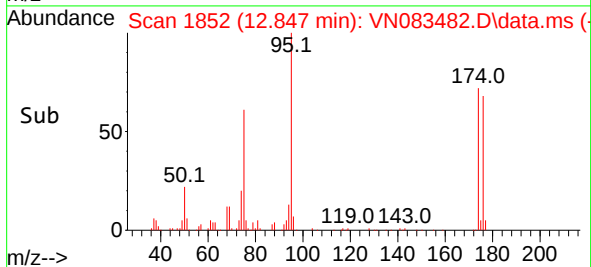
Tgt Ion: 98 Resp: 285356
Ion Ratio Lower Upper
98 100
100 64.4 51.5 77.3

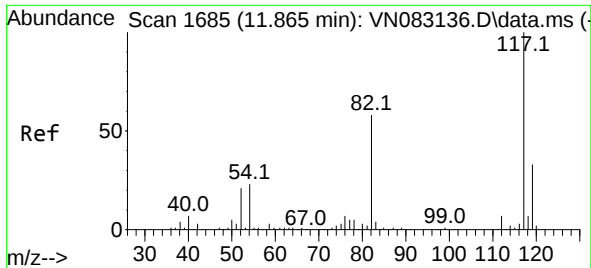


#62
4-Bromofluorobenzene
Concen: 56.182 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083482.D
Acq: 26 Aug 2024 15:20



Tgt Ion: 95 Resp: 128511
Ion Ratio Lower Upper
95 100
174 69.4 0.0 159.2
176 68.4 0.0 147.6

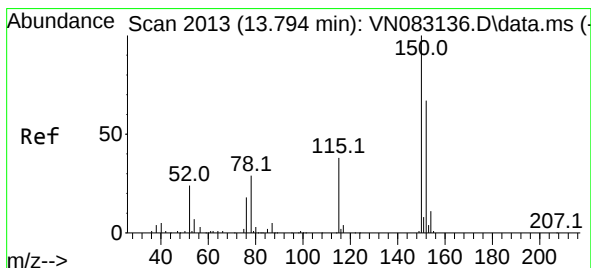
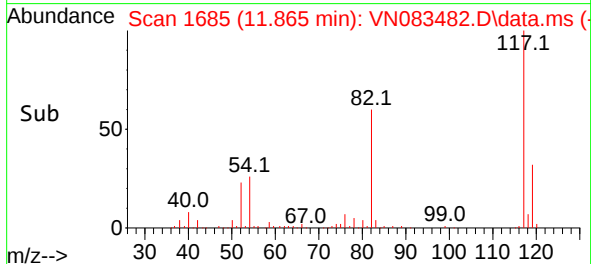
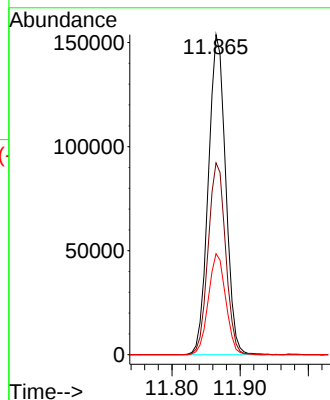
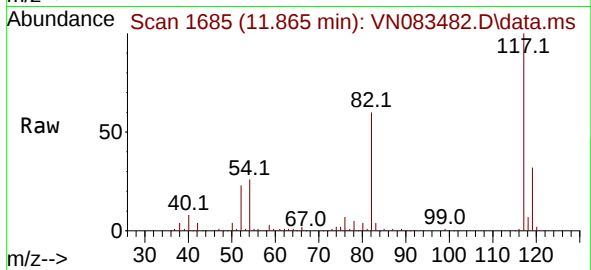




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN083482.D
Acq: 26 Aug 2024 15:20

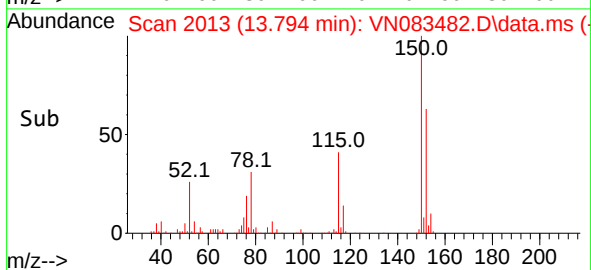
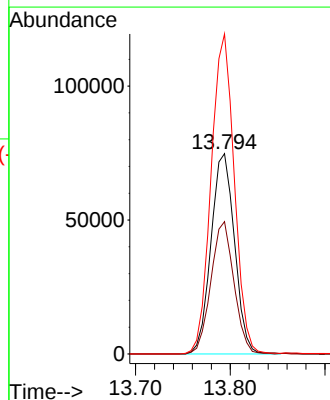
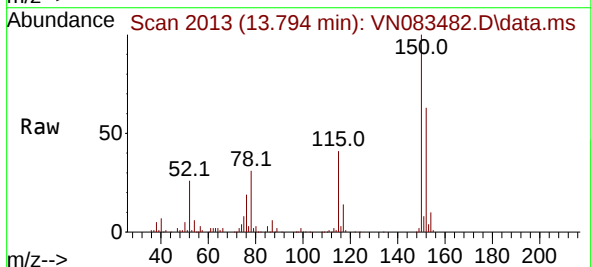
Instrument :
MSVOA_N
ClientSampleId :

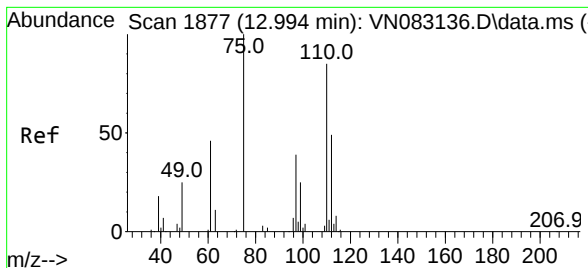
Tgt Ion:117 Resp: 271434
Ion Ratio Lower Upper
117 100
82 60.0 47.5 71.3
119 31.5 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN083482.D
Acq: 26 Aug 2024 15:20

Tgt Ion:152 Resp: 129288
Ion Ratio Lower Upper
152 100
115 64.5 30.6 91.6
150 157.0 0.0 348.6





#76

1,2,3-Trichloropropane

Concen: 25.527 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN083482.D

Acq: 26 Aug 2024 15:20

Instrument :

MSVOA_N

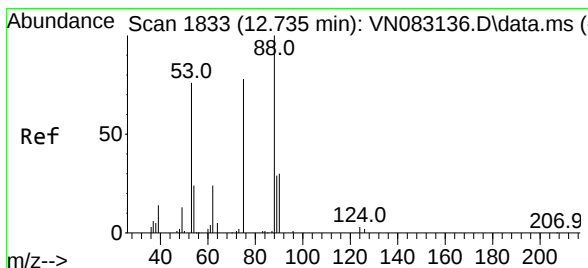
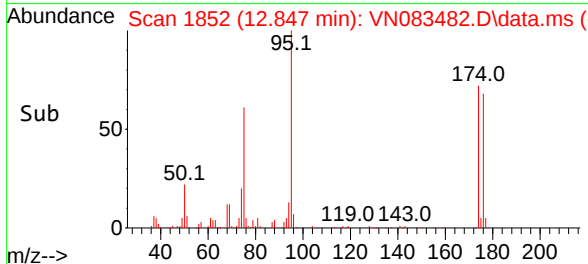
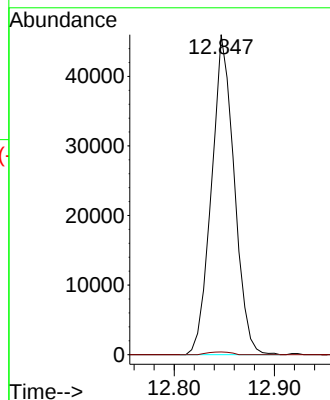
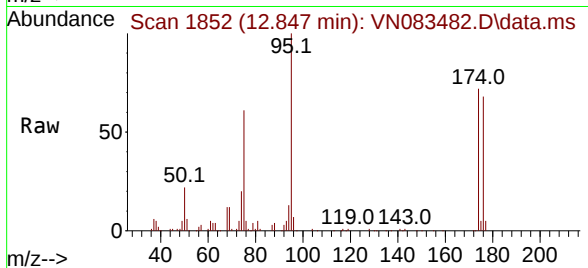
ClientSampleId :

Tgt Ion: 75 Resp: 72435

Ion Ratio Lower Upper

75 100

77 0.9 110.9 332.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 55.528 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.112 min

Lab File: VN083482.D

Acq: 26 Aug 2024 15:20

Tgt Ion: 75 Resp: 72435

Ion Ratio Lower Upper

75 100

53 0.0 88.4 132.6#

89 0.0 36.3 54.5#

