

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD083024\
 Data File : VD079755.D
 Acq On : 30 Aug 2024 15:17
 Operator : RP/MD
 Sample : VD0830SBL01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 31 04:43:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D083024S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 15:57:30 2024
 Response via : Initial Calibration

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

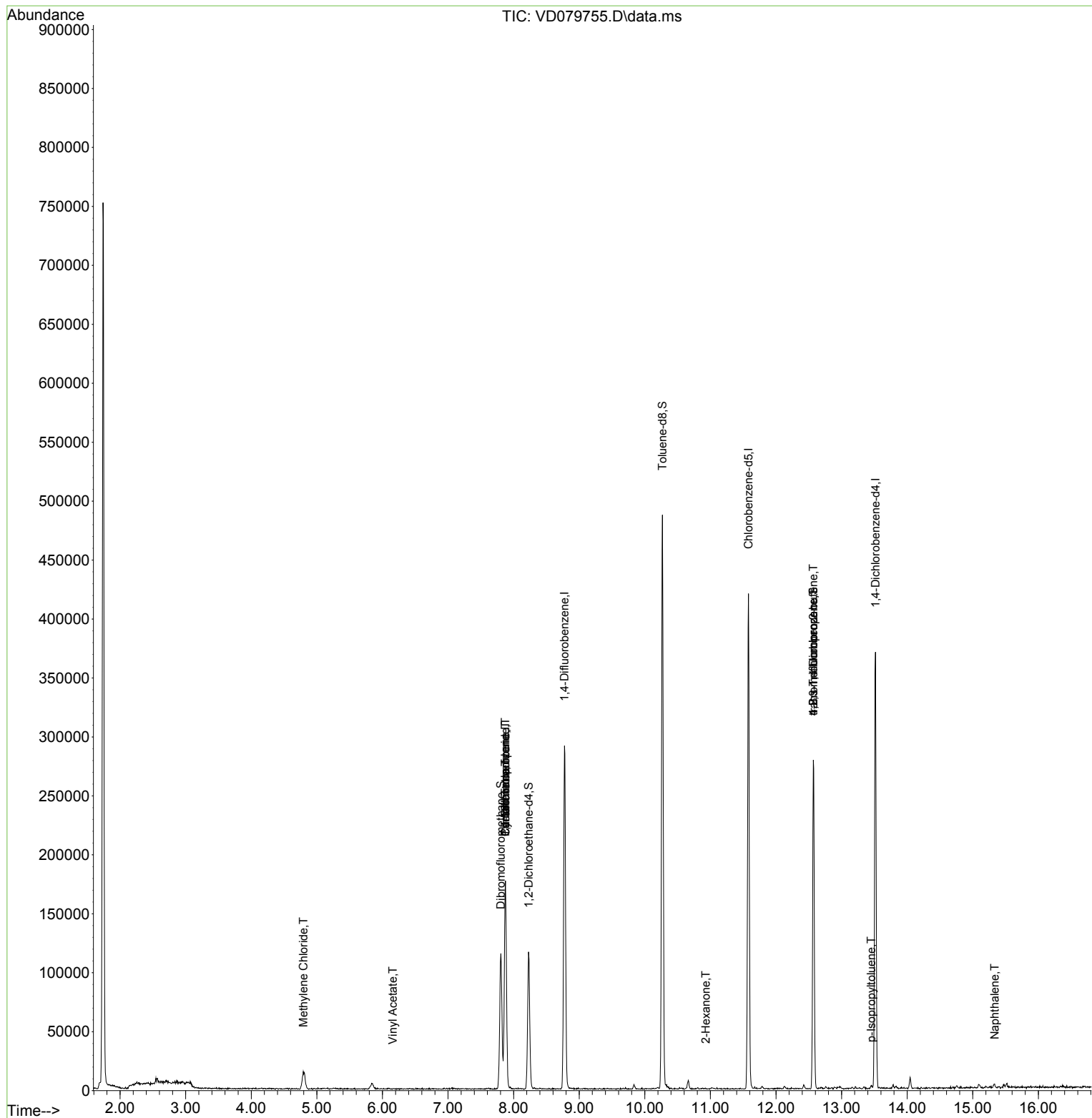
Internal Standards						
1) Pentafluorobenzene	7.875	168	124856	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	255308	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	233408	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	96406	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	86587	50.862	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.720%	
35) Dibromofluoromethane	7.805	113	82729	49.852	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.700%	
50) Toluene-d8	10.269	98	338969	47.627	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 95.260%	
62) 4-Bromofluorobenzene	12.569	95	85663	43.016	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 86.040%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.793	84	11629	3.051	ug/l	87
23) Vinyl Acetate	6.158	43	327	2.629	ug/l #	63
31) Cyclohexane	7.875	56	3400	1.195	ug/l #	49
36) 1,1-Dichloropropene	7.875	75	11831	4.810	ug/l #	48
38) Carbon Tetrachloride	7.875	117	14424	5.499	ug/l #	17
59) 2-Hexanone	10.928	43	233	20.494	ug/l	84
76) 1,2,3-Trichloropropane	12.569	75	45782	55.562	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	45782	92.672	ug/l #	19
86) p-Isopropyltoluene	13.451	119	1056	3.885	ug/l	85
95) Naphthalene	15.334	128	3381	1.080	ug/l #	86

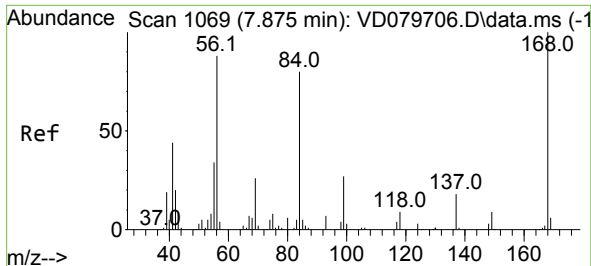
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD083024\
Data File : VD079755.D
Acq On : 30 Aug 2024 15:17
Operator : RP/MD
Sample : VD0830SBL01
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Aug 31 04:43:53 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D083024S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 30 15:57:30 2024
Response via : Initial Calibration

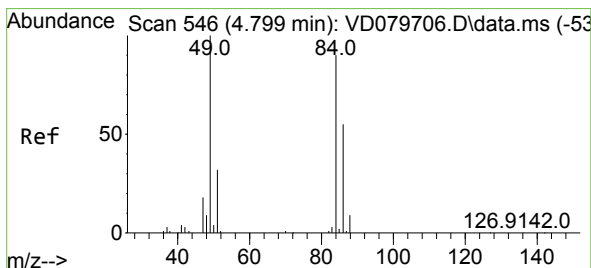
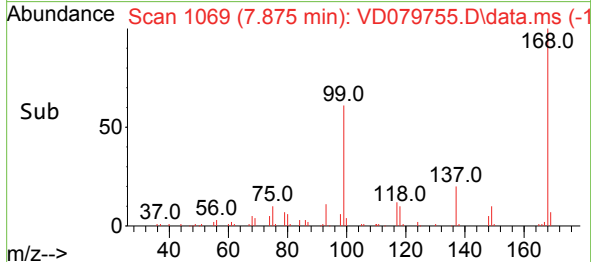
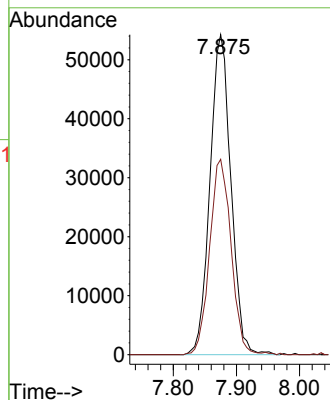
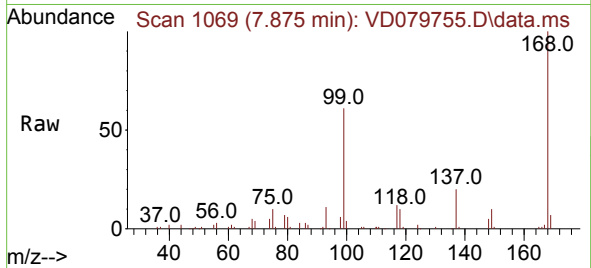




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079755.D
Acq: 30 Aug 2024 15:17

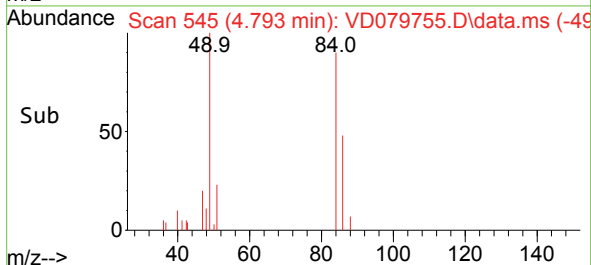
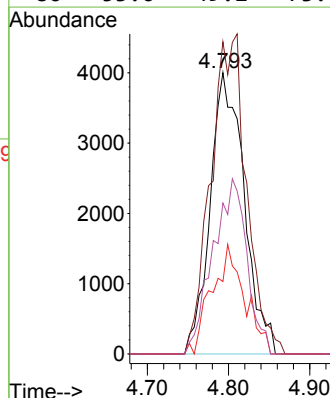
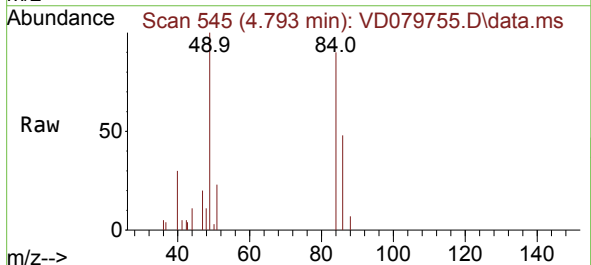
Instrument :
MSVOA_D
ClientSampleId :

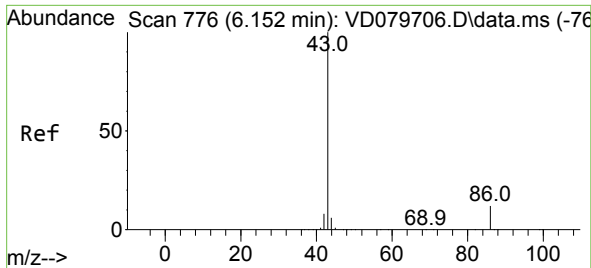
Tgt Ion:168 Resp: 124856
Ion Ratio Lower Upper
168 100
99 61.0 41.1 61.7



#20
Methylene Chloride
Concen: 3.051 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD079755.D
Acq: 30 Aug 2024 15:17

Tgt Ion: 84 Resp: 11629
Ion Ratio Lower Upper
84 100
49 111.0 75.6 113.4
51 25.8 24.2 36.2
86 53.6 49.2 73.8

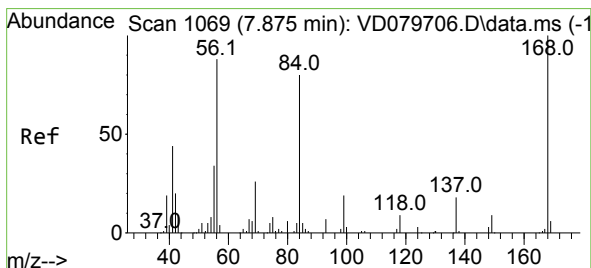
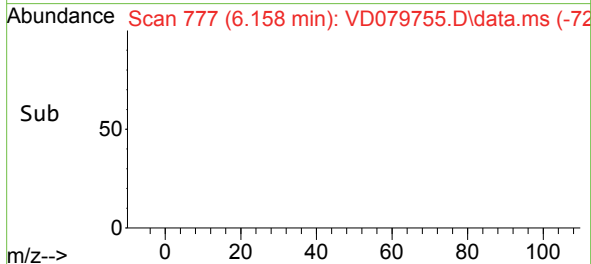
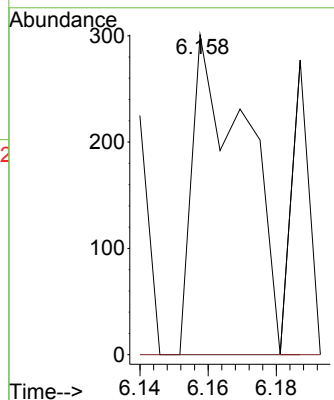
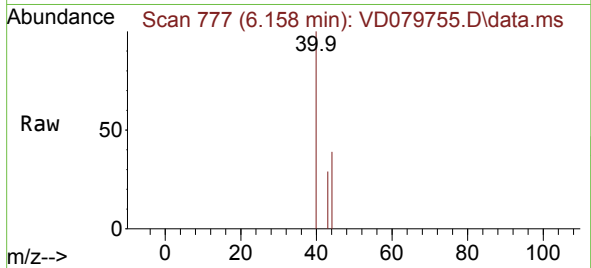




#23
 Vinyl Acetate
 Concen: 2.629 ug/l
 RT: 6.158 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VD079755.D
 Acq: 30 Aug 2024 15:17

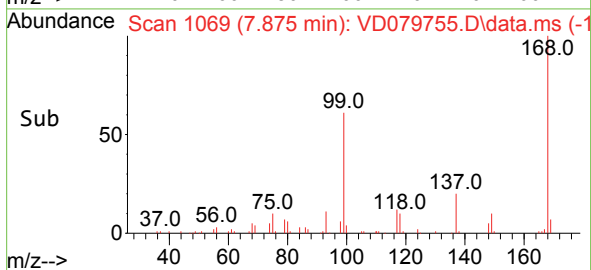
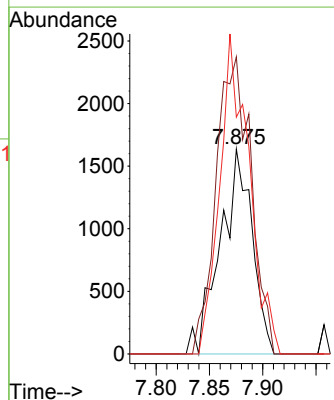
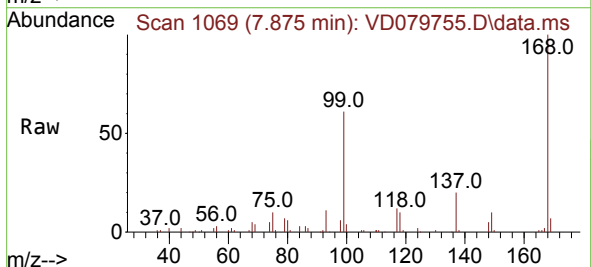
Instrument :
 MSVOA_D
 ClientSampleId :

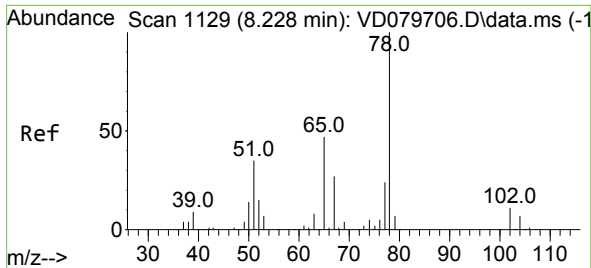
Tgt Ion: 43 Resp: 327
 Ion Ratio Lower Upper
 43 100
 86 0.0 12.3 18.5#



#31
 Cyclohexane
 Concen: 1.195 ug/l
 RT: 7.875 min Scan# 1069
 Delta R.T. -0.000 min
 Lab File: VD079755.D
 Acq: 30 Aug 2024 15:17

Tgt Ion: 56 Resp: 3400
 Ion Ratio Lower Upper
 56 100
 69 145.0 28.0 42.0#
 84 115.5 87.4 131.0

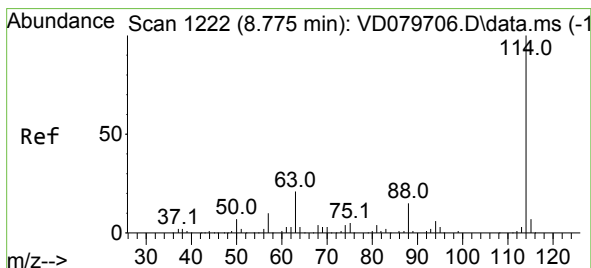
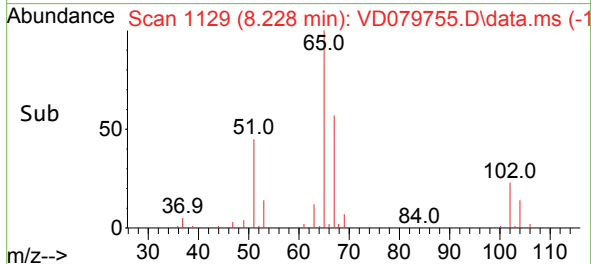
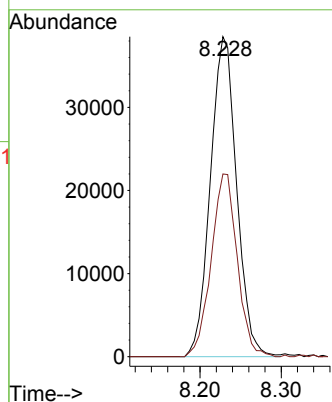
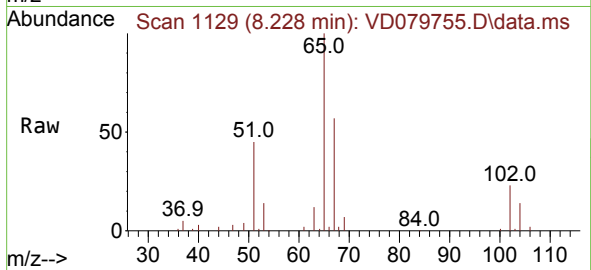




#33
 1,2-Dichloroethane-d4
 Concen: 50.862 ug/l
 RT: 8.228 min Scan# 1129
 Delta R.T. 0.000 min
 Lab File: VD079755.D
 Acq: 30 Aug 2024 15:17

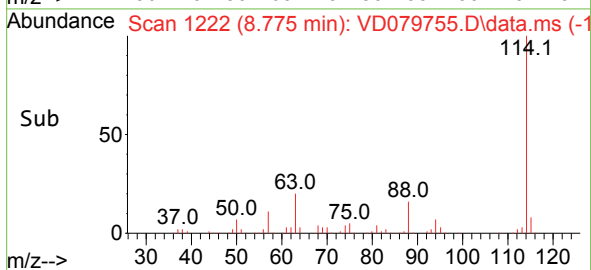
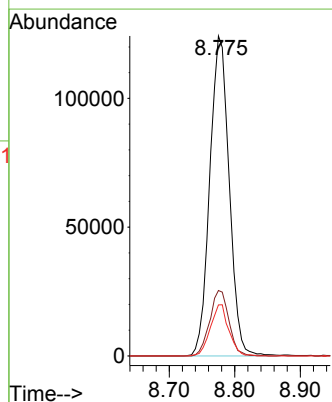
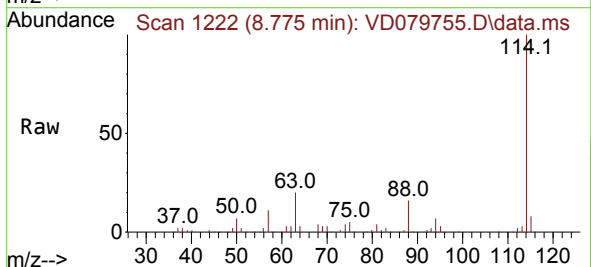
Instrument :
 MSVOA_D
 ClientSampleId :

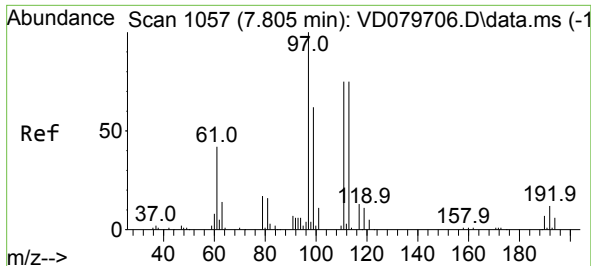
Tgt Ion: 65 Resp: 86587
 Ion Ratio Lower Upper
 65 100
 67 56.6 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.775 min Scan# 1222
 Delta R.T. -0.000 min
 Lab File: VD079755.D
 Acq: 30 Aug 2024 15:17

Tgt Ion:114 Resp: 255308
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 34.0
 88 15.9 0.0 27.2

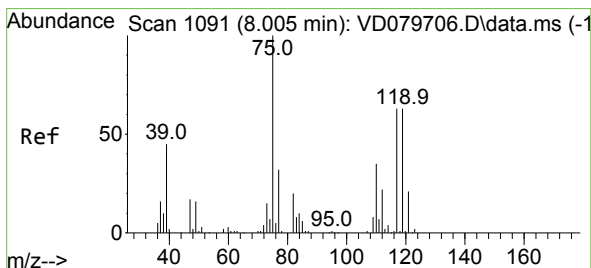
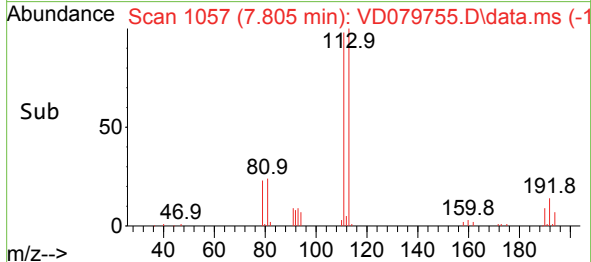
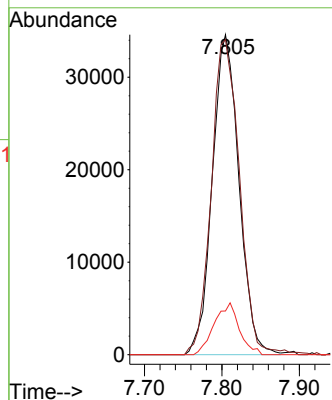
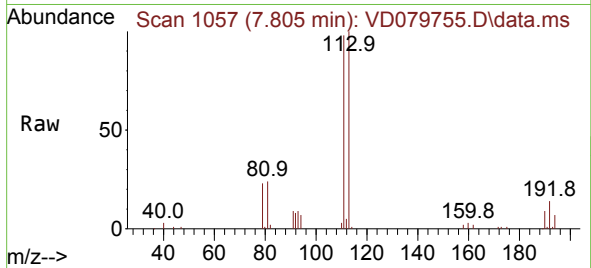




#35
Dibromofluoromethane
Concen: 49.852 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD079755.D
Acq: 30 Aug 2024 15:17

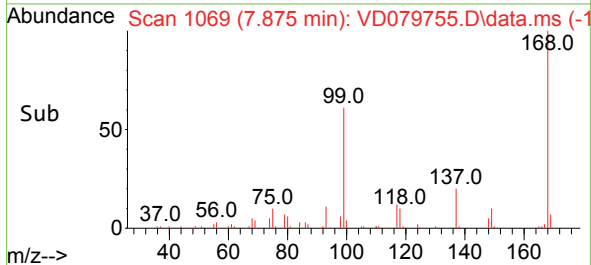
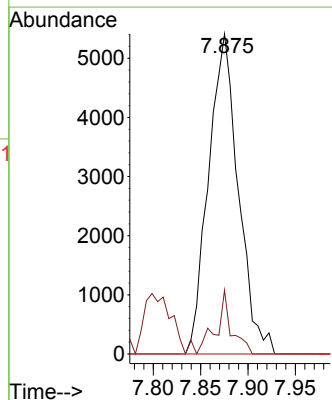
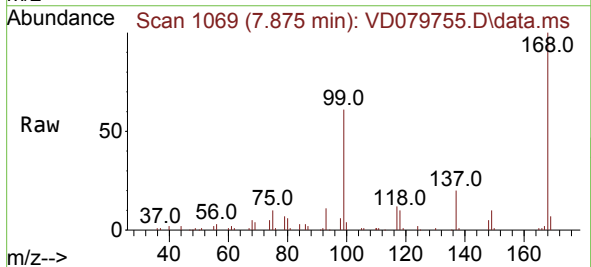
Instrument :
MSVOA_D
ClientSampleId :

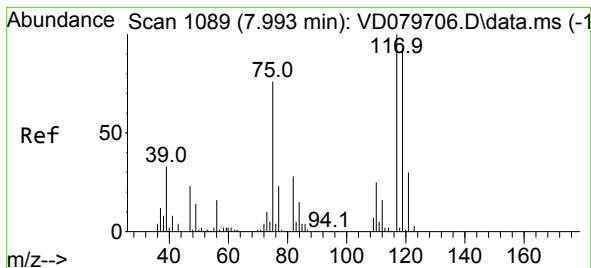
Tgt Ion:113 Resp: 82729
Ion Ratio Lower Upper
113 100
111 104.1 84.0 126.0
192 15.2 15.4 23.0#



#36
1,1-Dichloropropene
Concen: 4.810 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.129 min
Lab File: VD079755.D
Acq: 30 Aug 2024 15:17

Tgt Ion: 75 Resp: 11831
Ion Ratio Lower Upper
75 100
110 10.2 19.6 58.7#
77 0.0 26.1 39.1#





#38

Carbon Tetrachloride

Concen: 5.499 ug/l

RT: 7.875 min Scan# 1089

Delta R.T. -0.118 min

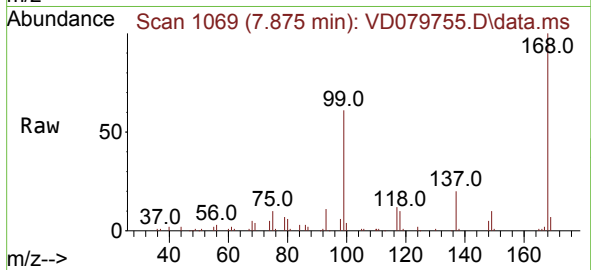
Lab File: VD079755.D

Acq: 30 Aug 2024 15:17

Instrument :

MSVOA_D

ClientSampleId :



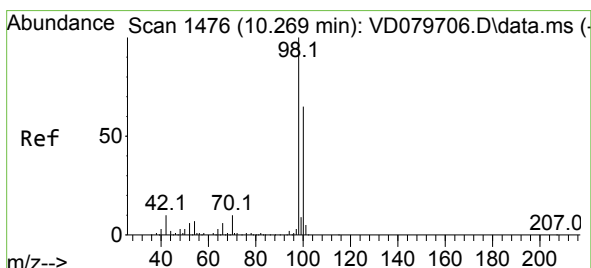
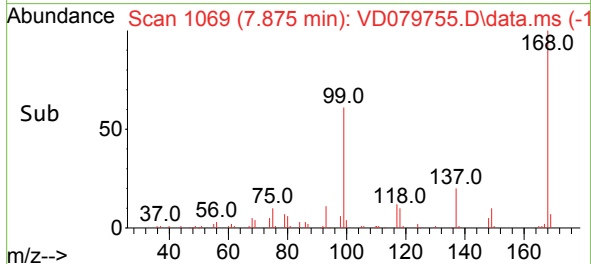
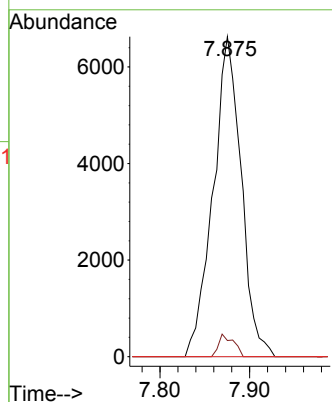
Tgt Ion:117 Resp: 14424

Ion Ratio Lower Upper

117 100

119 5.0 75.4 113.0#

121 0.0 25.0 37.4#



#50

Toluene-d8

Concen: 47.627 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD079755.D

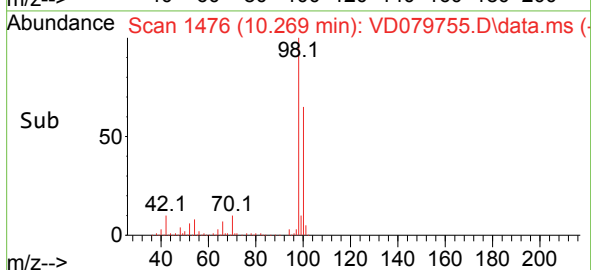
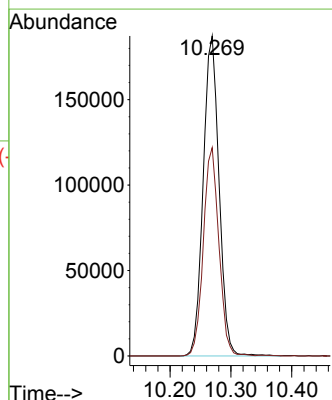
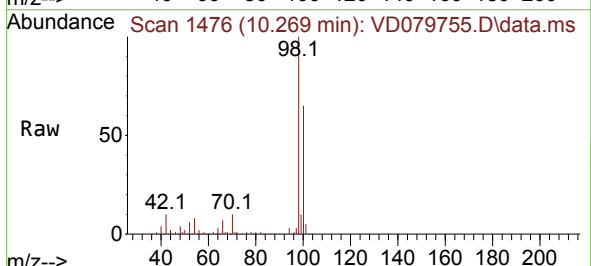
Acq: 30 Aug 2024 15:17

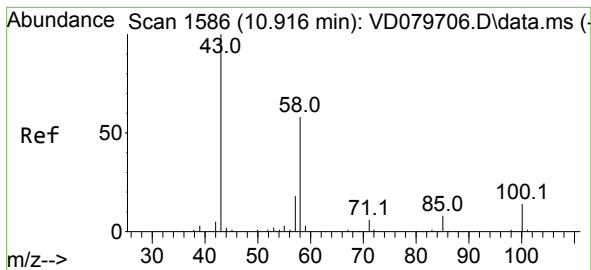
Tgt Ion: 98 Resp: 338969

Ion Ratio Lower Upper

98 100

100 63.9 51.6 77.4

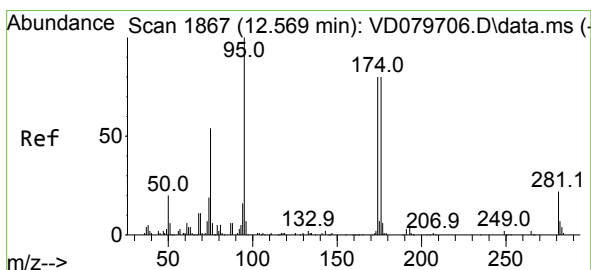
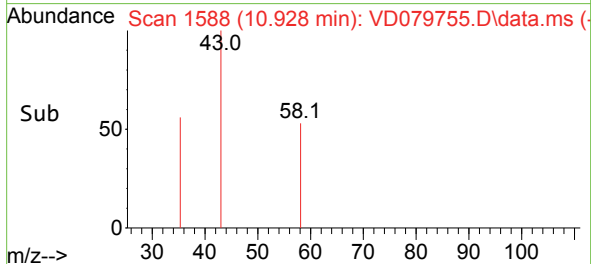
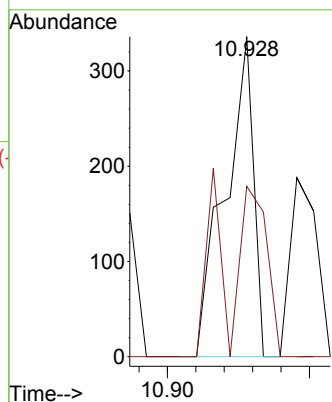
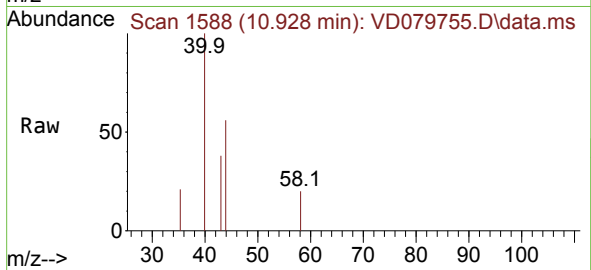




#59
2-Hexanone
Concen: 20.494 ug/l
RT: 10.928 min Scan# 1588
Delta R.T. 0.012 min
Lab File: VD079755.D
Acq: 30 Aug 2024 15:17

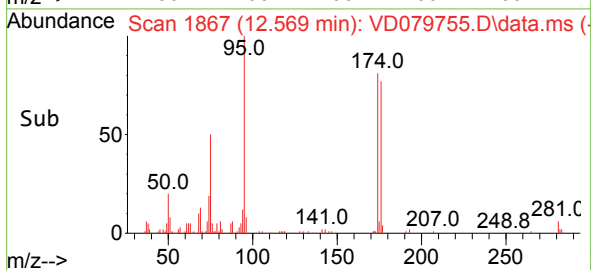
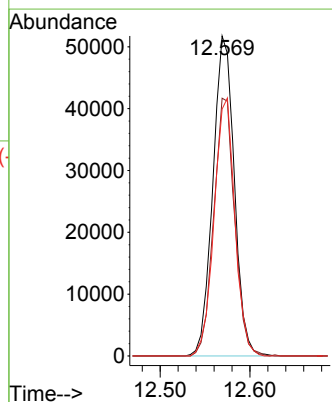
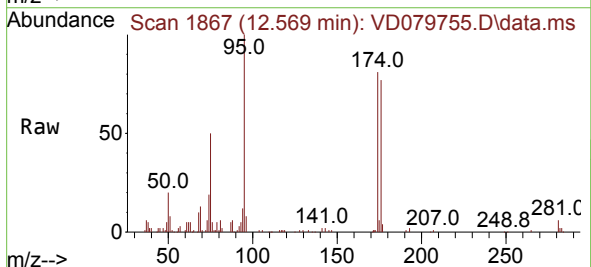
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ClientSampleId :

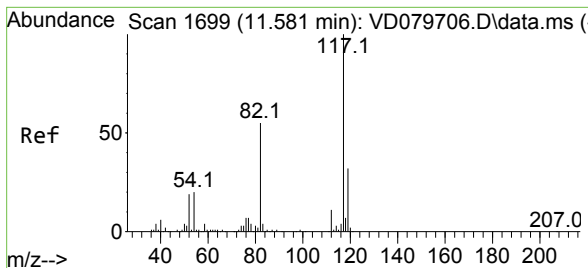
Tgt Ion: 43 Resp: 233
Ion Ratio Lower Upper
43 100
58 50.2 31.1 93.5



#62
4-Bromofluorobenzene
Concen: 43.016 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD079755.D
Acq: 30 Aug 2024 15:17

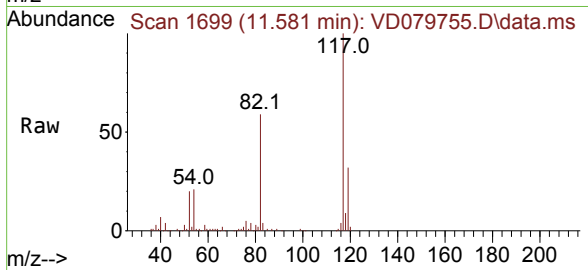
Tgt Ion: 95 Resp: 85663
Ion Ratio Lower Upper
95 100
174 79.1 0.0 195.4
176 78.2 0.0 192.6



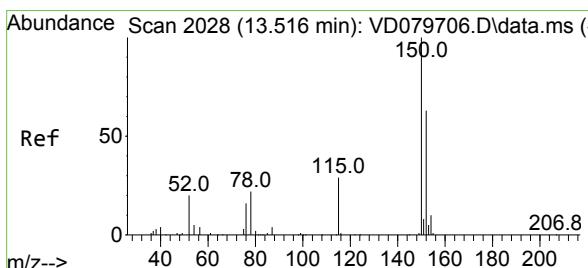
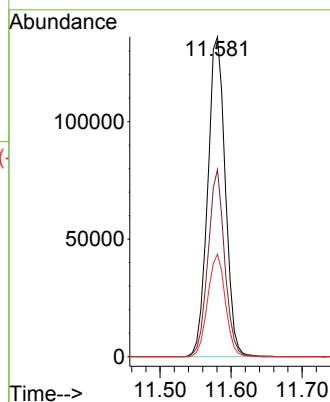
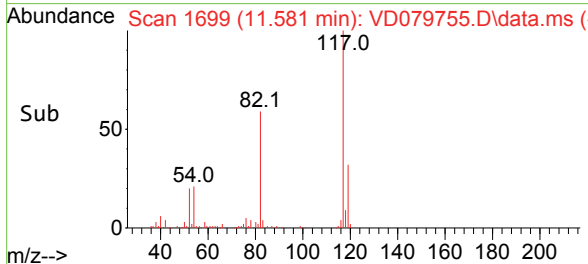


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD079755.D
Acq: 30 Aug 2024 15:17

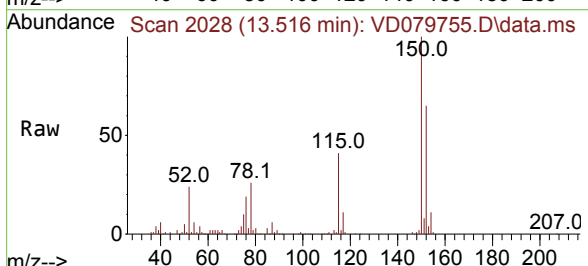
Instrument :
MSVOA_D
ClientSampleId :



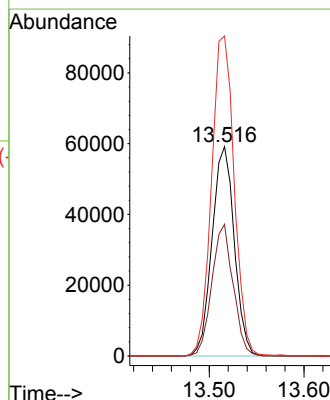
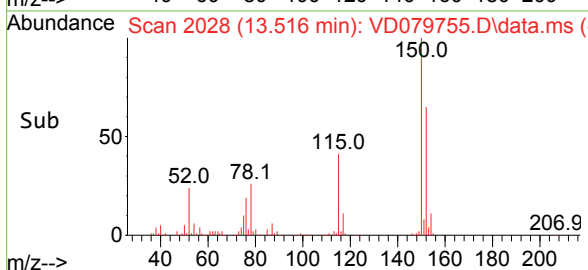
Tgt Ion:117 Resp: 233408
Ion Ratio Lower Upper
117 100
82 58.5 39.8 59.6
119 32.1 25.7 38.5

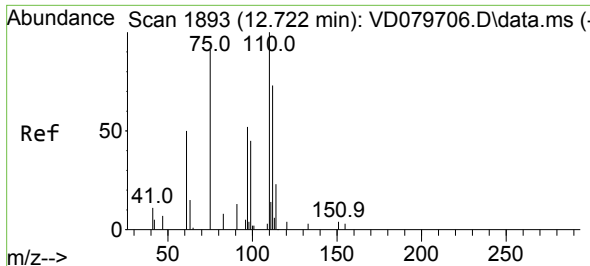


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD079755.D
Acq: 30 Aug 2024 15:17



Tgt Ion:152 Resp: 96406
Ion Ratio Lower Upper
152 100
115 60.1 26.5 79.5
150 156.0 0.0 341.6

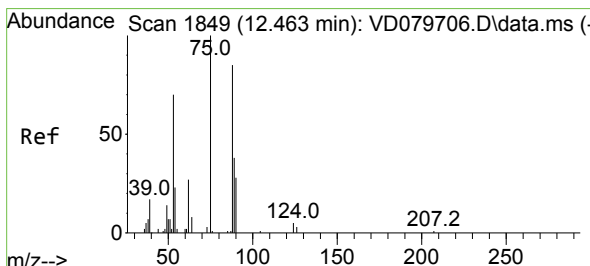
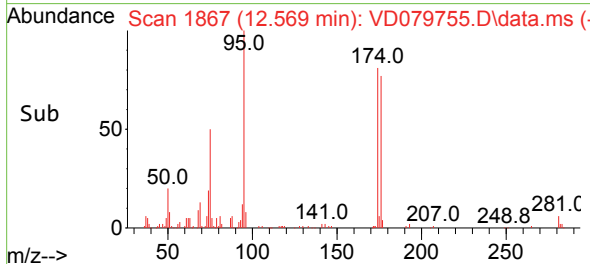
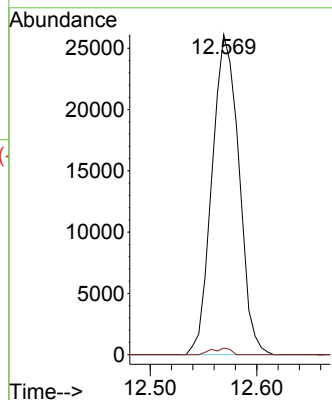
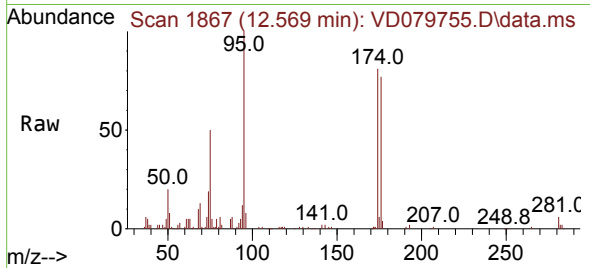




#76
1,2,3-Trichloropropane
Concen: 55.562 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD079755.D
Acq: 30 Aug 2024 15:17

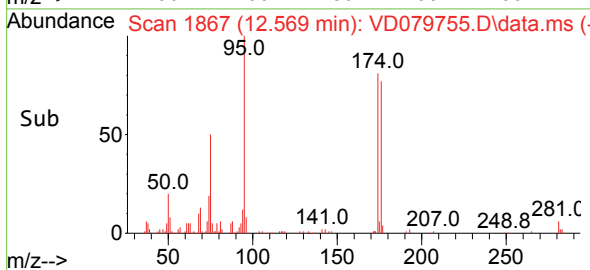
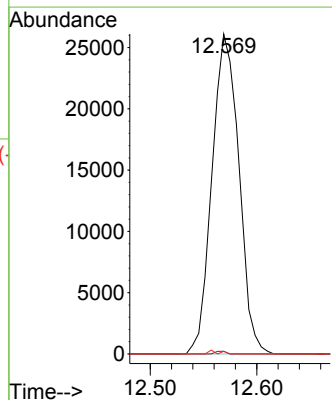
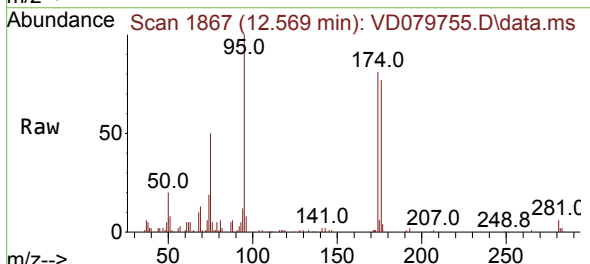
Instrument :
MSVOA_D
ClientSampleId :

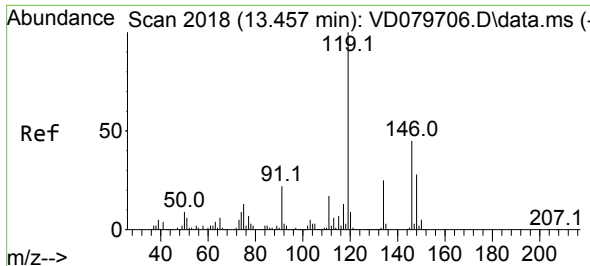
Tgt Ion: 75 Resp: 45782
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 92.672 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.106 min
Lab File: VD079755.D
Acq: 30 Aug 2024 15:17

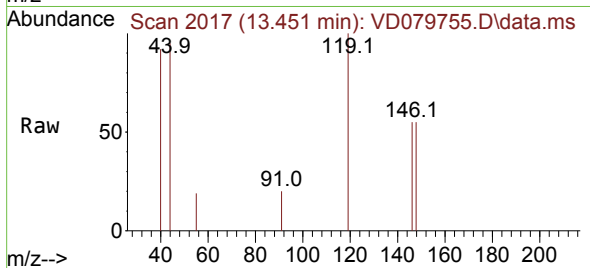
Tgt Ion: 75 Resp: 45782
Ion Ratio Lower Upper
75 100
53 0.3 61.4 92.2#
89 0.4 35.4 53.0#



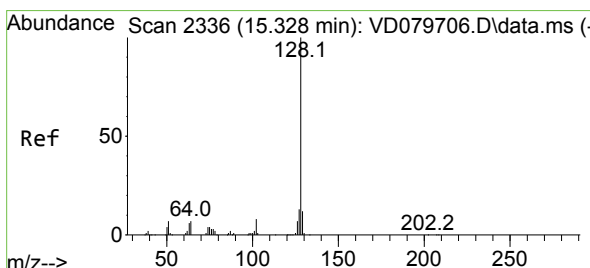
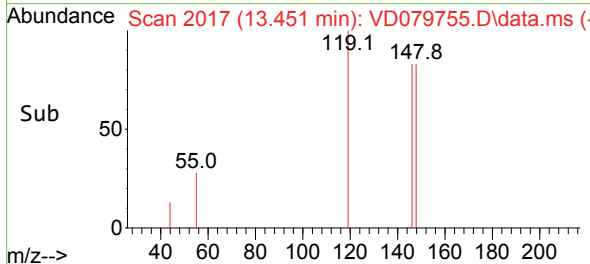
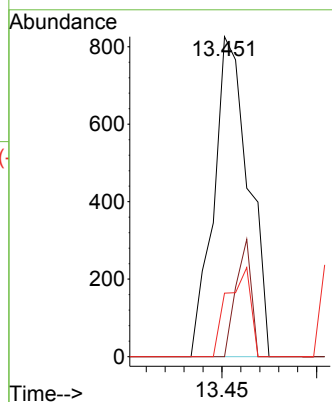


#86
p-Isopropyltoluene
Concen: 3.885 ug/l
RT: 13.451 min Scan# 2018
Delta R.T. -0.006 min
Lab File: VD079755.D
Acq: 30 Aug 2024 15:17

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:119 Resp: 1056
Ion Ratio Lower Upper
119 100
134 16.1 13.7 41.1
91 18.7 10.7 32.1



#95
Naphthalene
Concen: 1.080 ug/l
RT: 15.334 min Scan# 2337
Delta R.T. 0.006 min
Lab File: VD079755.D
Acq: 30 Aug 2024 15:17

Tgt Ion:128 Resp: 3381
Ion Ratio Lower Upper
128 100
127 12.1 10.2 15.4
129 0.0 8.5 12.7#

