

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD083024\
 Data File : VD079760.D
 Acq On : 30 Aug 2024 17:37
 Operator : RP/MD
 Sample : P3779-01
 Misc : 5.08G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

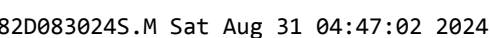
Quant Time: Aug 31 04:46:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D083024S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 15:57:30 2024
 Response via : Initial Calibration

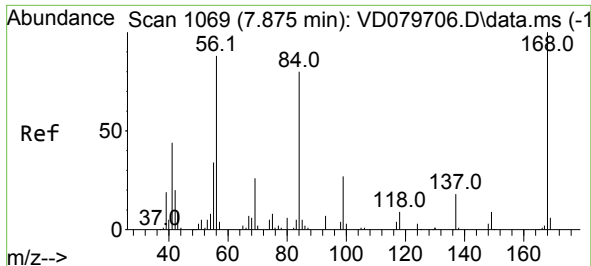
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.875	168	93684	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	199227	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	170291	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	59385	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	73356	57.428	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 114.860%			
35) Dibromofluoromethane	7.804	113	68462	52.868	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.740%			
50) Toluene-d8	10.269	98	249743	44.968	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 89.940%			
62) 4-Bromofluorobenzene	12.575	95	56008	36.042	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 72.080%			
Target Compounds						Qvalue
20) Methylene Chloride	4.799	84	7229	2.063	ug/l	89
23) Vinyl Acetate	6.269	43	67	2.541	ug/l #	63
31) Cyclohexane	7.875	56	2467	1.155	ug/l #	48
36) 1,1-Dichloropropene	7.869	75	8561	4.460	ug/l #	46
38) Carbon Tetrachloride	7.881	117	10980	5.364	ug/l #	17
59) 2-Hexanone	10.928	43	62	20.322	ug/l #	19
76) 1,2,3-Trichloropropane	12.569	75	29395	57.914	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	29395	96.595	ug/l #	19
86) p-Isopropyltoluene	13.457	119	56	3.756	ug/l #	51

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

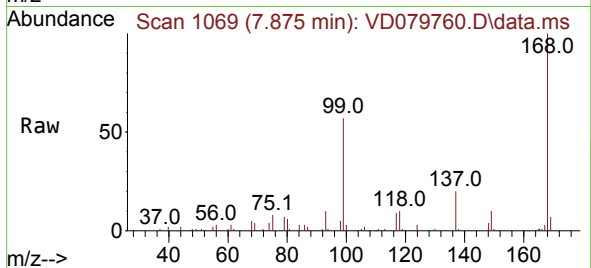
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Quant Title : SW846 8260
QLast Update : Fri Aug 30 15:57:30 2024
Response via : Initial Calibration



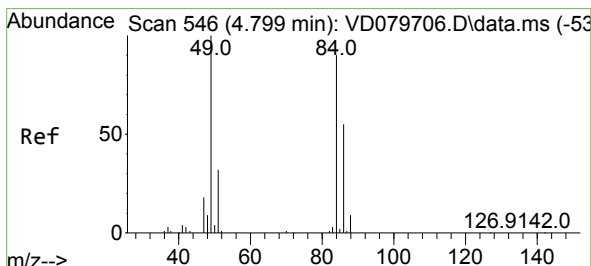
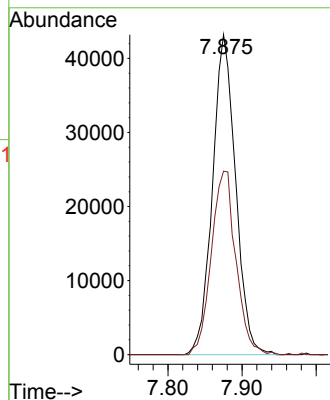
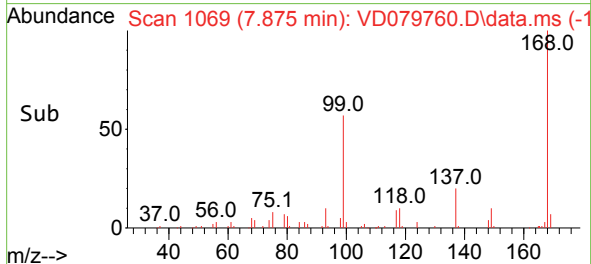


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD079760.D
Acq: 30 Aug 2024 17:37

Instrument :
MSVOA_D
ClientSampleId :

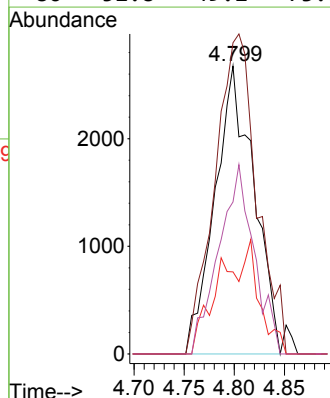
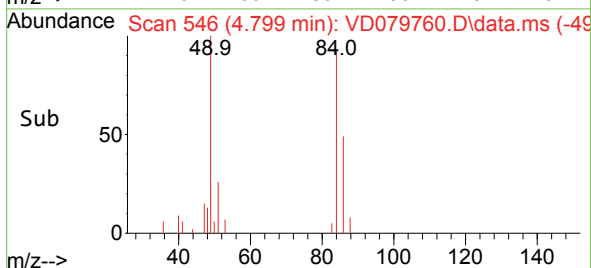
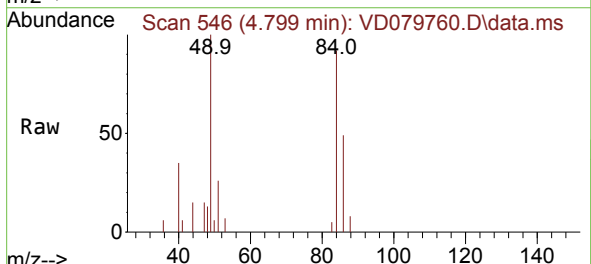


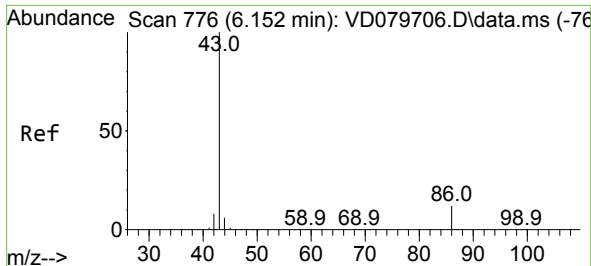
Tgt Ion:168 Resp: 93684
Ion Ratio Lower Upper
168 100
99 57.4 41.1 61.7



#20
Methylene Chloride
Concen: 2.063 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD079760.D
Acq: 30 Aug 2024 17:37

Tgt Ion: 84 Resp: 7229
Ion Ratio Lower Upper
84 100
49 108.1 75.6 113.4
51 28.5 24.2 36.2
86 52.8 49.2 73.8

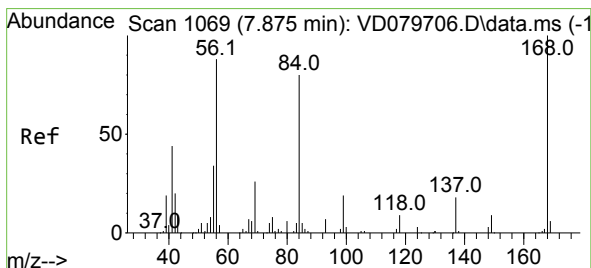
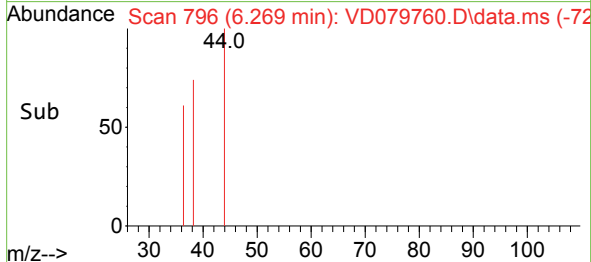
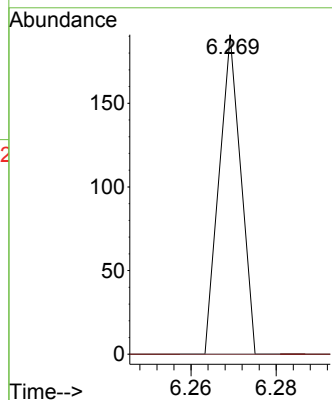
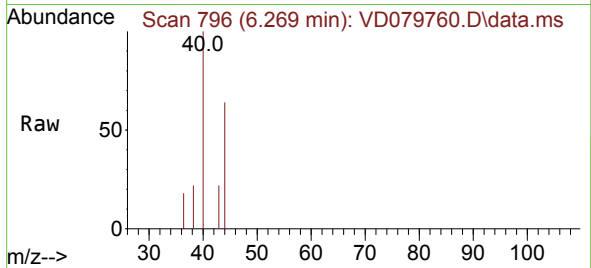




#23
 Vinyl Acetate
 Concen: 2.541 ug/l
 RT: 6.269 min Scan# 796
 Delta R.T. 0.117 min
 Lab File: VD079760.D
 Acq: 30 Aug 2024 17:37

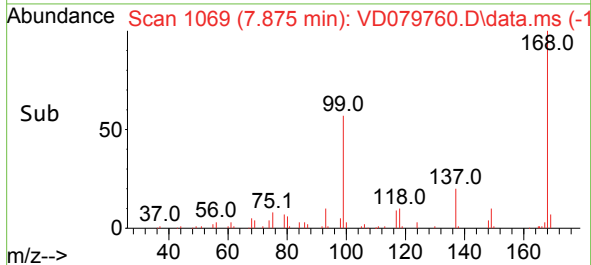
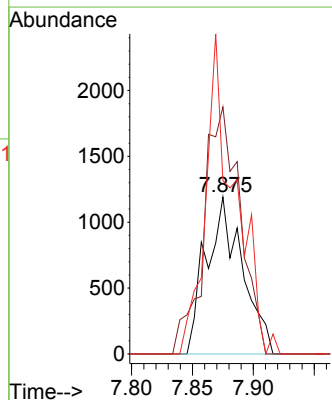
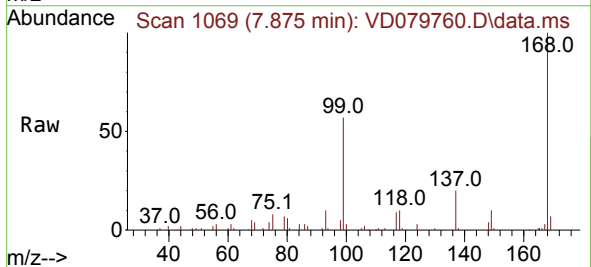
Instrument :
 MSVOA_D
 ClientSampleId :

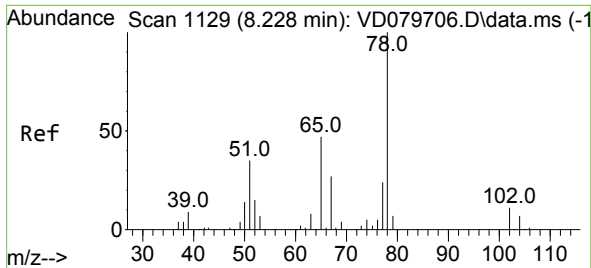
Tgt Ion: 43 Resp: 67
 Ion Ratio Lower Upper
 43 100
 86 0.0 12.3 18.5#



#31
 Cyclohexane
 Concen: 1.155 ug/l
 RT: 7.875 min Scan# 1069
 Delta R.T. -0.000 min
 Lab File: VD079760.D
 Acq: 30 Aug 2024 17:37

Tgt Ion: 56 Resp: 2467
 Ion Ratio Lower Upper
 56 100
 69 157.3 28.0 42.0#
 84 110.3 87.4 131.0





#33

1,2-Dichloroethane-d4

Concen: 57.428 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD079760.D

Acq: 30 Aug 2024 17:37

Instrument :

MSVOA_D

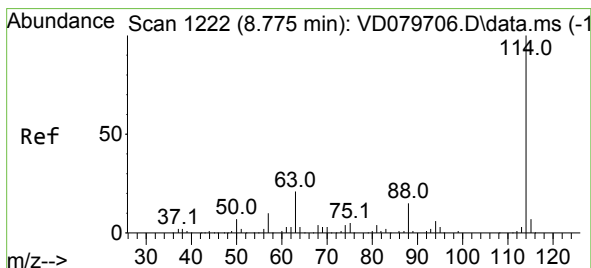
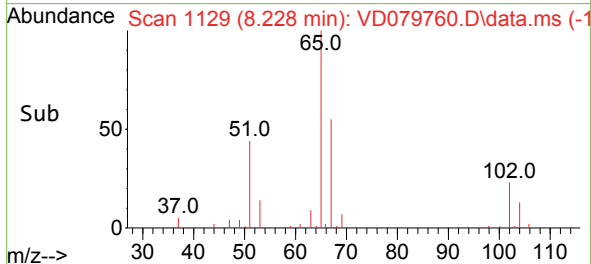
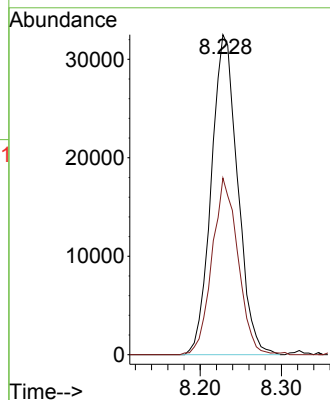
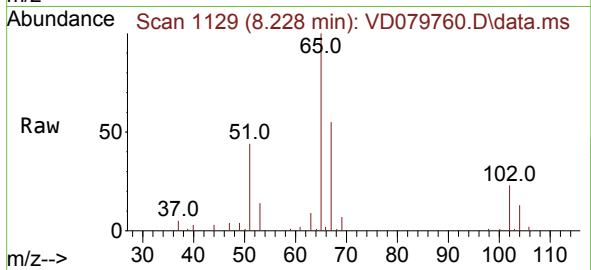
ClientSampleId :

Tgt Ion: 65 Resp: 73356

Ion Ratio Lower Upper

65 100

67 54.3 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: VD079760.D

Acq: 30 Aug 2024 17:37

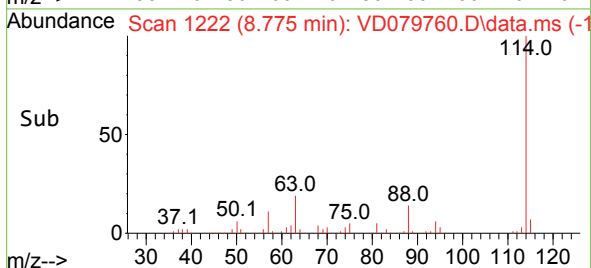
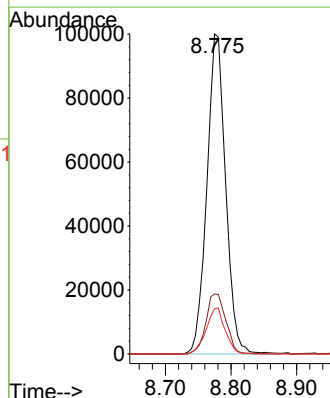
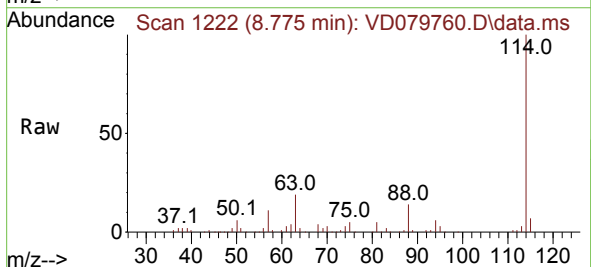
Tgt Ion:114 Resp: 199227

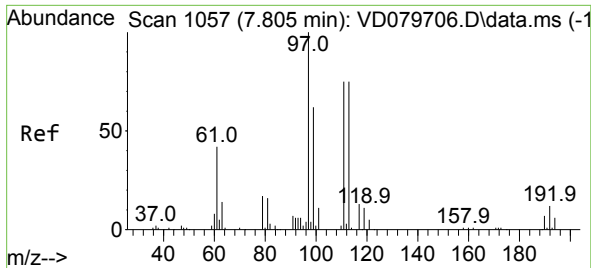
Ion Ratio Lower Upper

114 100

63 18.7 0.0 34.0

88 14.2 0.0 27.2

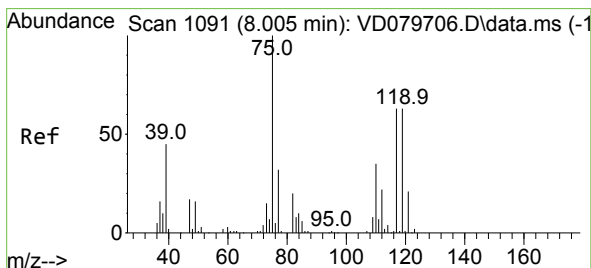
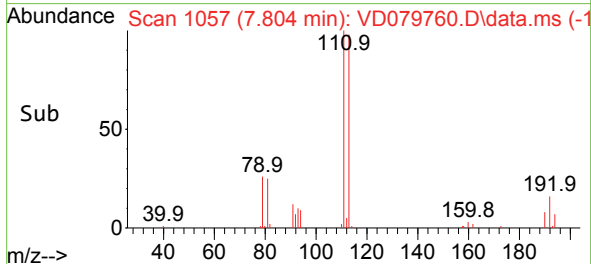
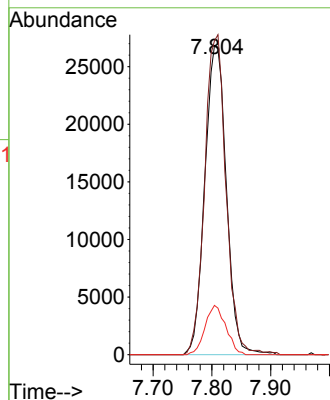
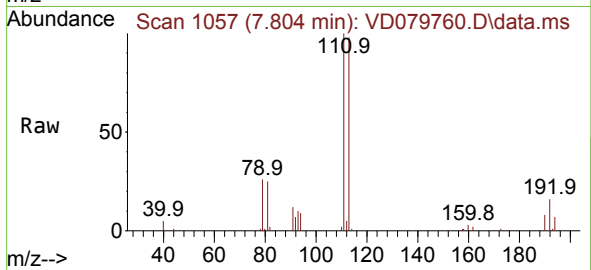




#35
Dibromofluoromethane
Concen: 52.868 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.001 min
Lab File: VD079760.D
Acq: 30 Aug 2024 17:37

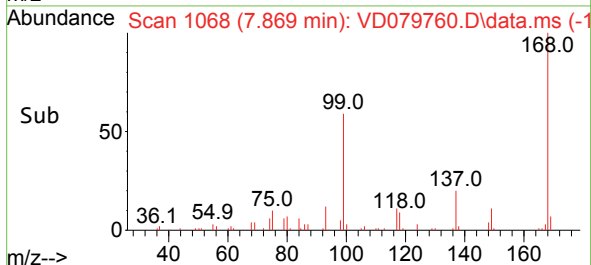
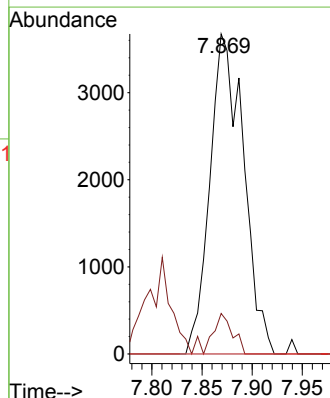
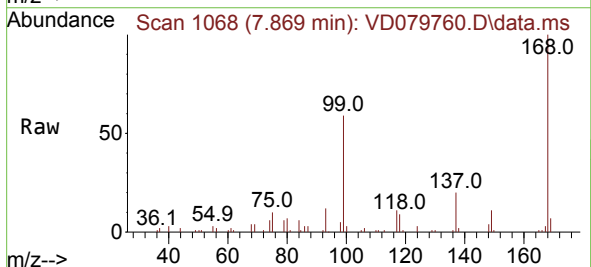
Instrument :
MSVOA_D
ClientSampleId :

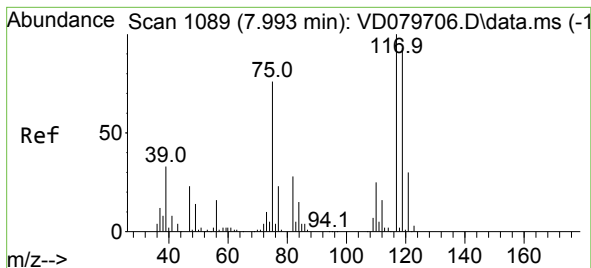
Tgt Ion:113 Resp: 68462
Ion Ratio Lower Upper
113 100
111 102.3 84.0 126.0
192 15.4 15.4 23.0



#36
1,1-Dichloropropene
Concen: 4.460 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.135 min
Lab File: VD079760.D
Acq: 30 Aug 2024 17:37

Tgt Ion: 75 Resp: 8561
Ion Ratio Lower Upper
75 100
110 7.9 19.6 58.7#
77 0.0 26.1 39.1#





#38

Carbon Tetrachloride

Concen: 5.364 ug/l

RT: 7.881 min Scan# 10980

Delta R.T. -0.112 min

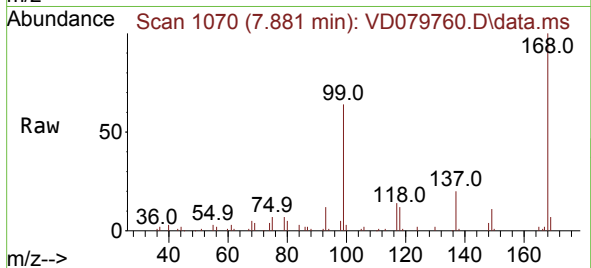
Lab File: VD079760.D

Acq: 30 Aug 2024 17:37

Instrument :

MSVOA_D

ClientSampleId :



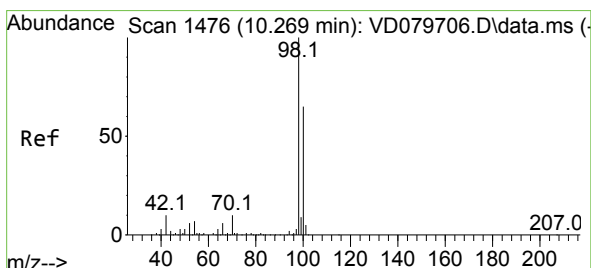
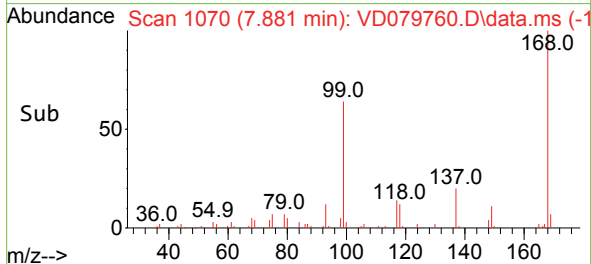
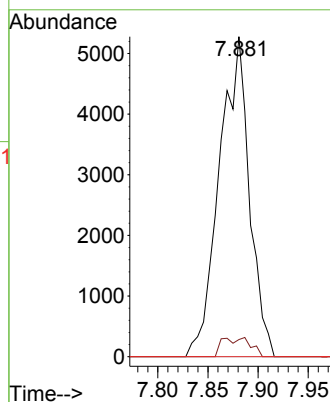
Tgt Ion:117 Resp: 10980

Ion Ratio Lower Upper

117 100

119 5.3 75.4 113.0#

121 0.0 25.0 37.4#



#50

Toluene-d8

Concen: 44.968 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD079760.D

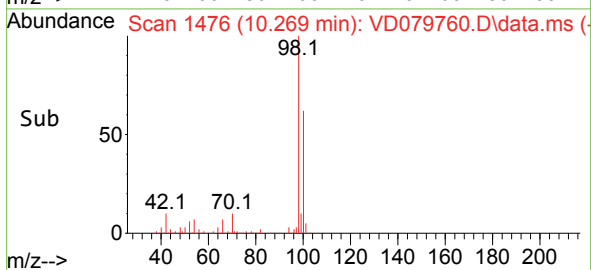
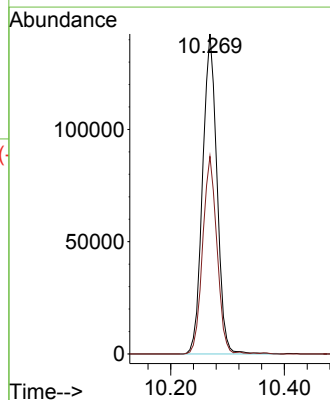
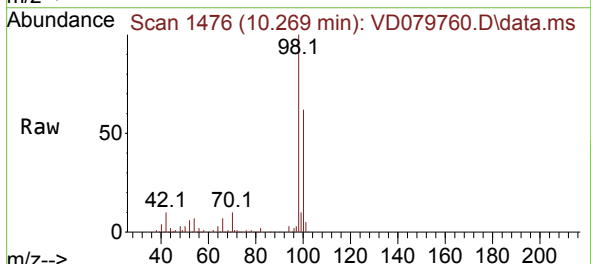
Acq: 30 Aug 2024 17:37

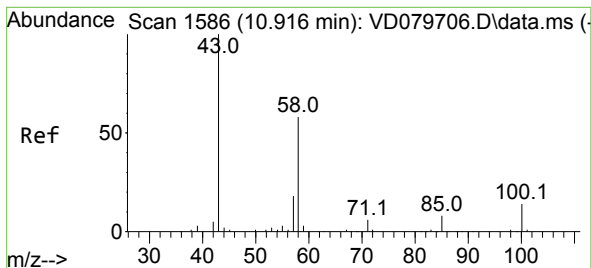
Tgt Ion: 98 Resp: 249743

Ion Ratio Lower Upper

98 100

100 61.5 51.6 77.4





#59

2-Hexanone

Concen: 20.322 ug/l

RT: 10.928 min Scan# 1588

Delta R.T. 0.012 min

Lab File: VD079760.D

Acq: 30 Aug 2024 17:37

Instrument :

MSVOA_D

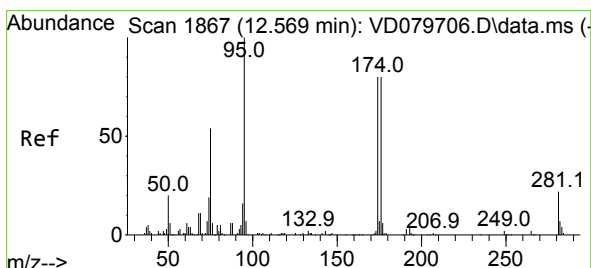
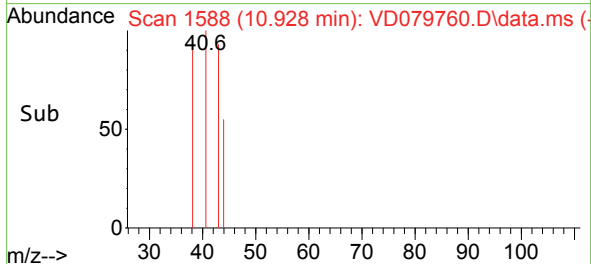
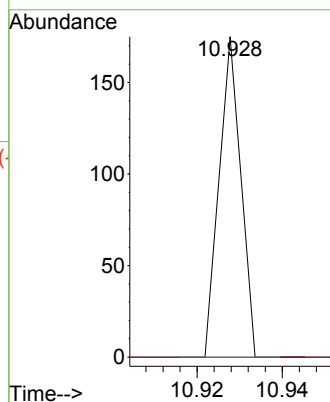
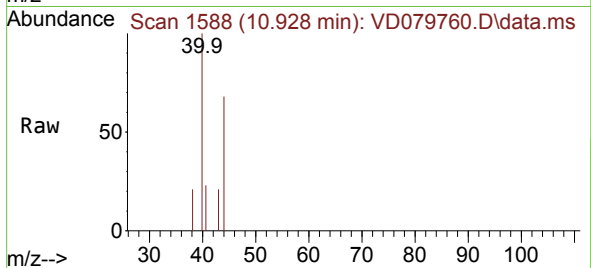
ClientSampleId :

Tgt Ion: 43 Resp: 62

Ion Ratio Lower Upper

43 100

58 0.0 31.1 93.5#



#62

4-Bromofluorobenzene

Concen: 36.042 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. 0.006 min

Lab File: VD079760.D

Acq: 30 Aug 2024 17:37

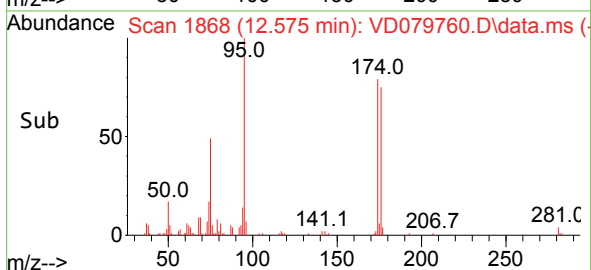
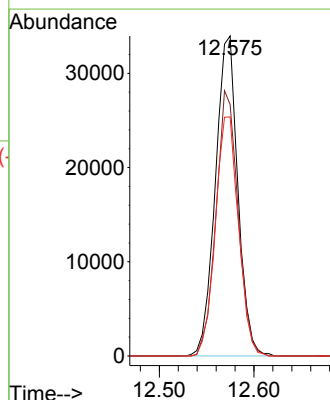
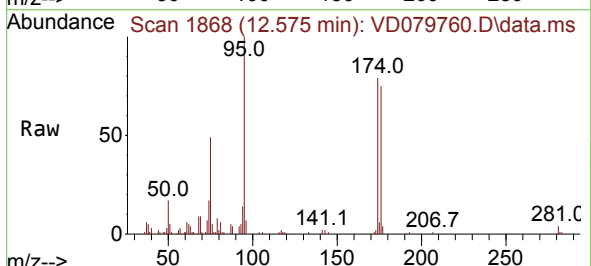
Tgt Ion: 95 Resp: 56008

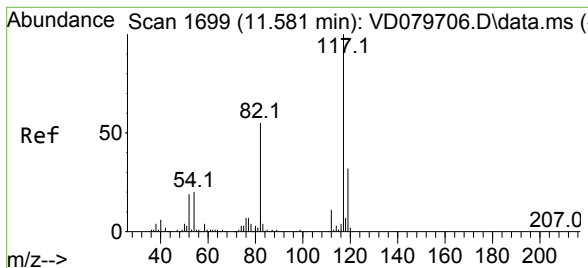
Ion Ratio Lower Upper

95 100

174 81.4 0.0 195.4

176 76.8 0.0 192.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.000 min

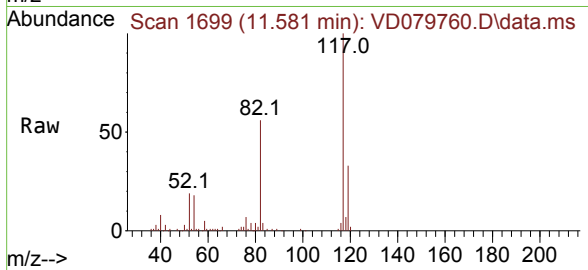
Lab File: VD079760.D

Acq: 30 Aug 2024 17:37

Instrument :

MSVOA_D

ClientSampleId :



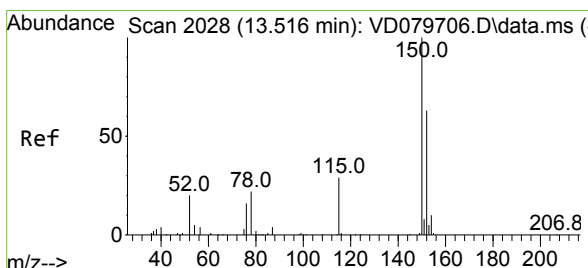
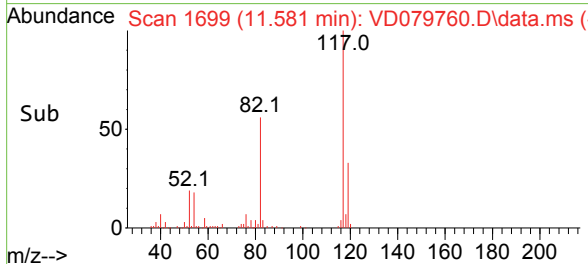
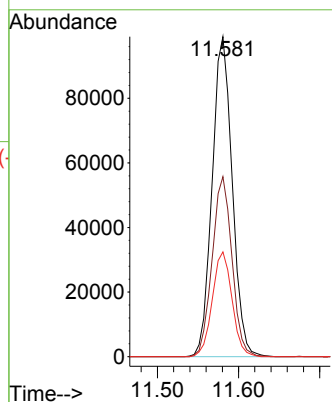
Tgt Ion:117 Resp: 170291

Ion Ratio Lower Upper

117 100

82 56.2 39.8 59.6

119 32.8 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: VD079760.D

Acq: 30 Aug 2024 17:37

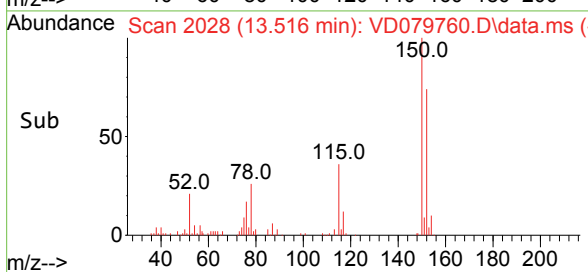
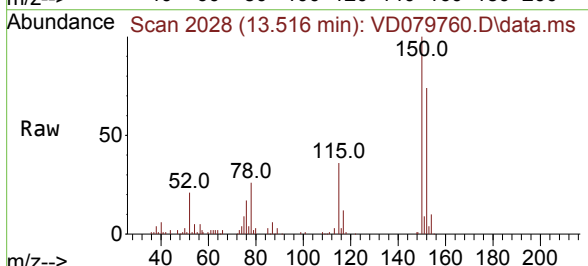
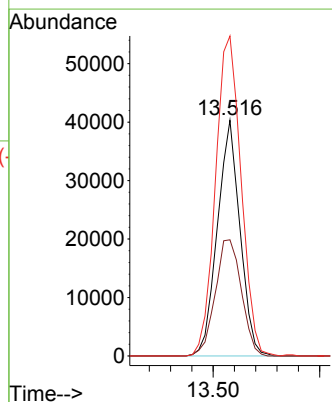
Tgt Ion:152 Resp: 59385

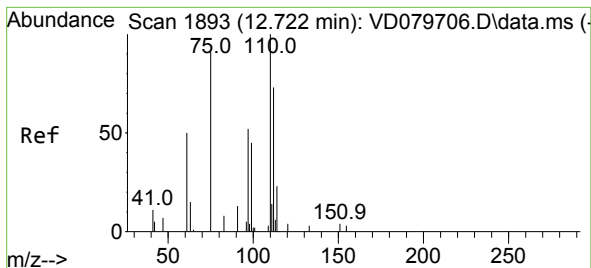
Ion Ratio Lower Upper

152 100

115 57.0 26.5 79.5

150 153.2 0.0 341.6

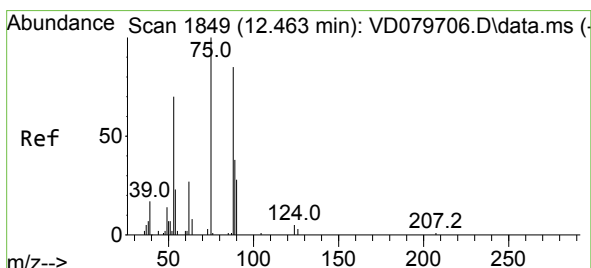
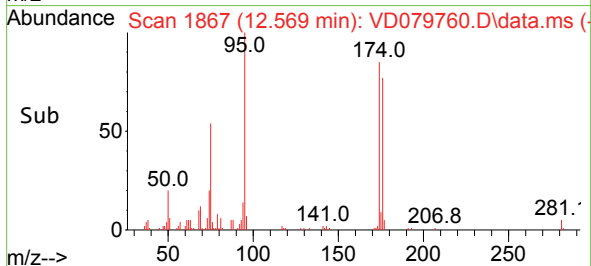
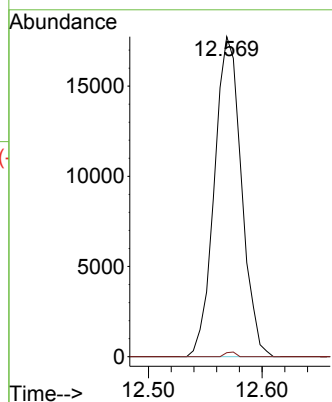
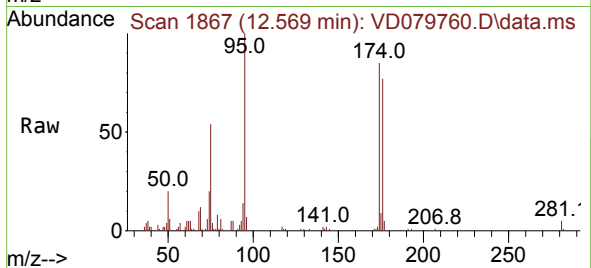




#76
1,2,3-Trichloropropane
Concen: 57.914 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD079760.D
Acq: 30 Aug 2024 17:37

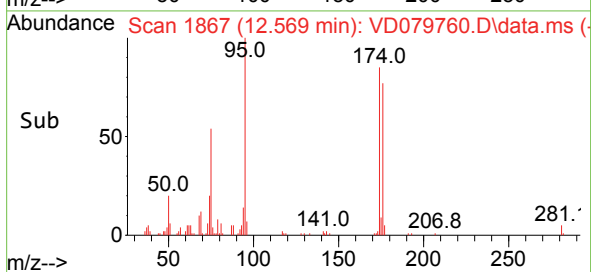
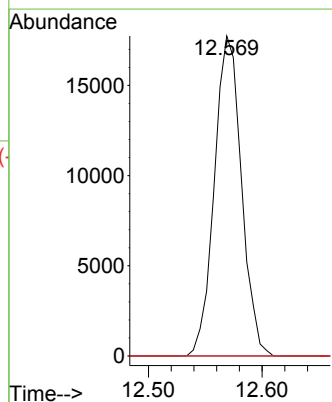
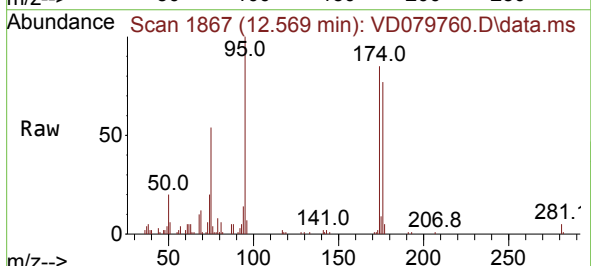
Instrument :
MSVOA_D
ClientSampleId :

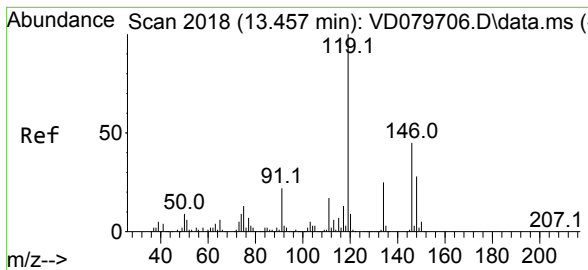
Tgt Ion: 75 Resp: 29395
Ion Ratio Lower Upper
75 100
77 0.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 96.595 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.106 min
Lab File: VD079760.D
Acq: 30 Aug 2024 17:37

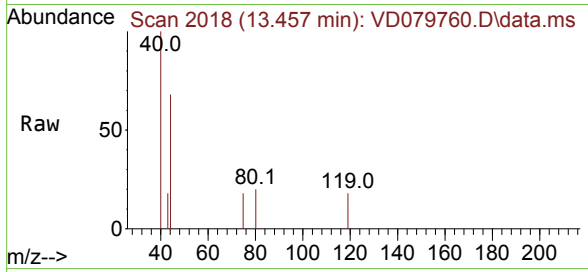
Tgt Ion: 75 Resp: 29395
Ion Ratio Lower Upper
75 100
53 0.0 61.4 92.2#
89 0.0 35.4 53.0#





#86
 p-Isopropyltoluene
 Concen: 3.756 ug/l
 RT: 13.457 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VD079760.D
 Acq: 30 Aug 2024 17:37

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:	119	Resp:	56
Ion	Ratio	Lower	Upper
119	100		
134	0.0	13.7	41.1#
91	0.0	10.7	32.1#

