

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080524\
 Data File : VD079586.D
 Acq On : 05 Aug 2024 17:44
 Operator : RP/MD
 Sample : P3442-01
 Misc : 5.01G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CL-02-080124

Quant Time: Aug 06 02:47:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:50:47 2024
 Response via : Initial Calibration

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

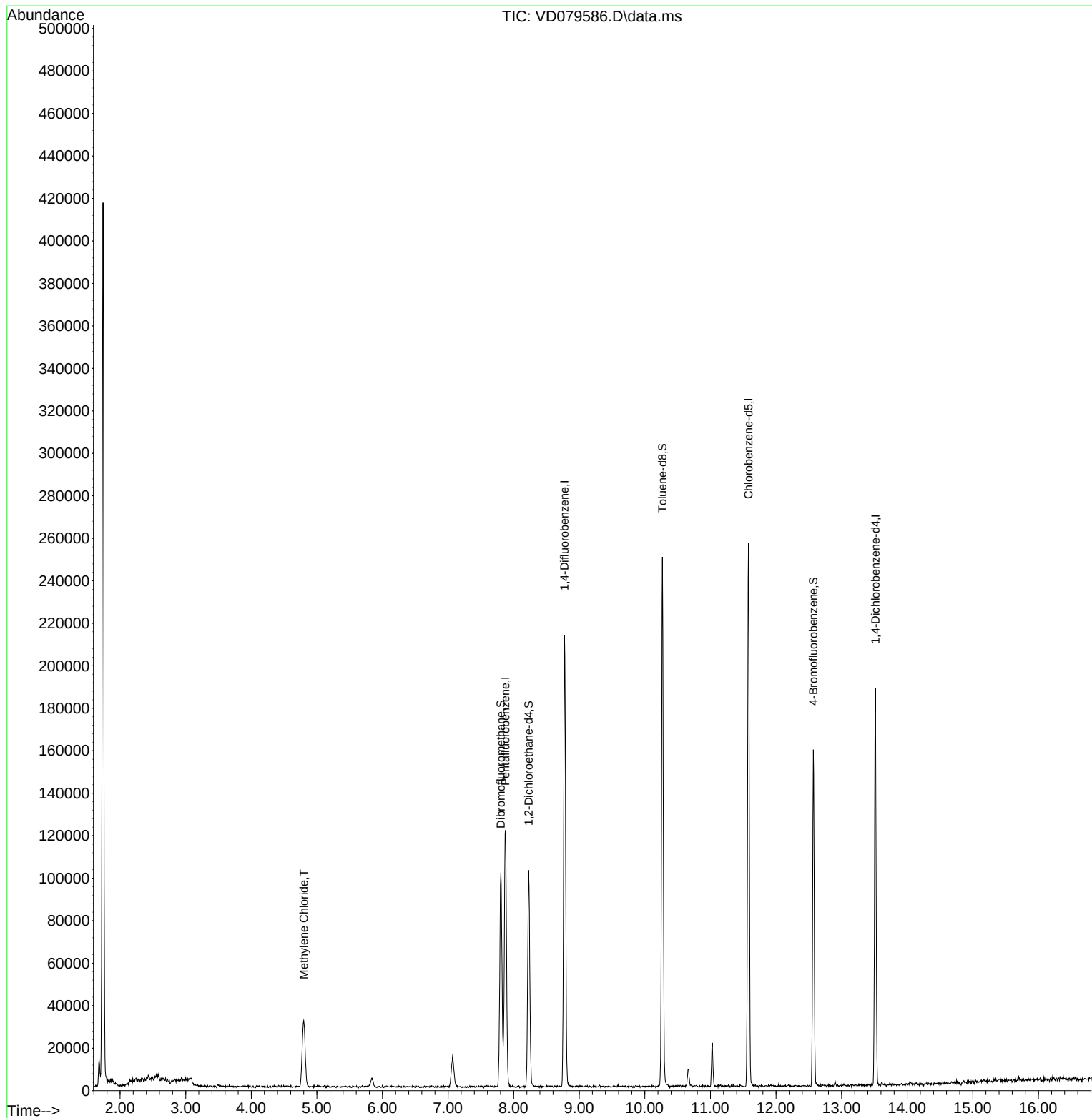
Internal Standards						
1) Pentafluorobenzene	7.875	168	96825	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	193272	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	154046	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	52208	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	77790	79.083	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	158.160%	
35) Dibromofluoromethane	7.804	113	74609	57.034	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	114.060%	
50) Toluene-d8	10.269	98	177300	34.901	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	=	69.800%	
62) 4-Bromofluorobenzene	12.569	95	48140	32.747	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	=	65.500%	
Target Compounds						
						Qvalue
20) Methylene Chloride	4.805	84	26013	4.011	ug/l	87

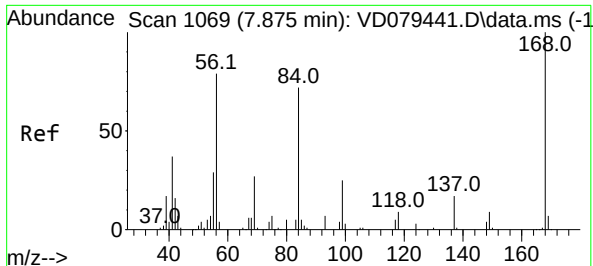
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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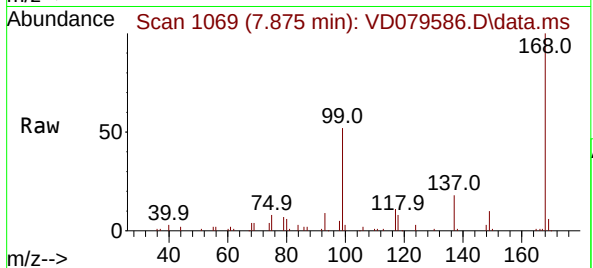
Quant Time: Aug 06 02:47:56 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:50:47 2024
Response via : Initial Calibration



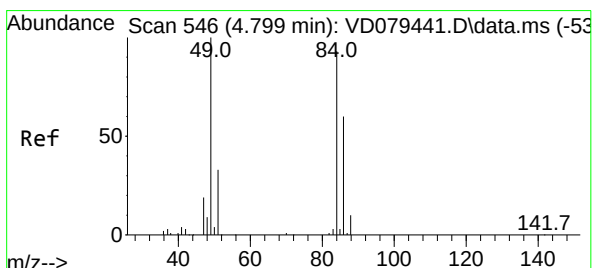
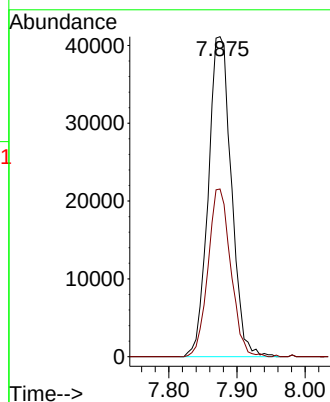
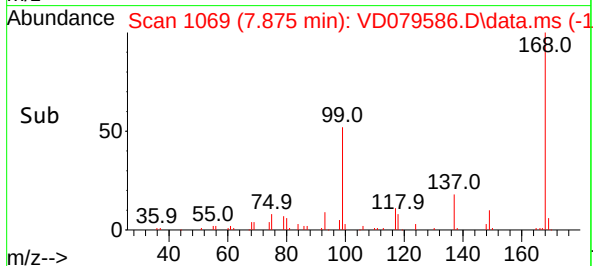


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079586.D
Acq: 05 Aug 2024 17:44

Instrument :
MSVOA_D
ClientSampleId :
CL-02-080124

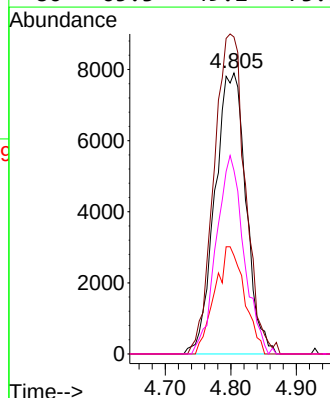
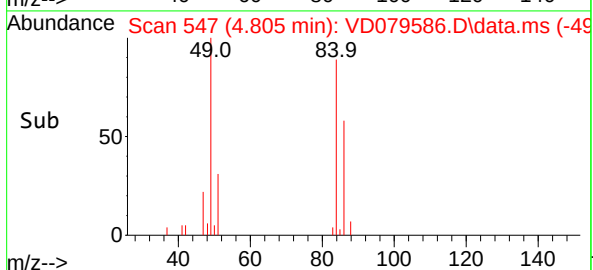
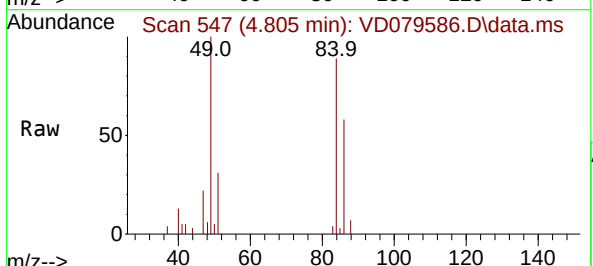


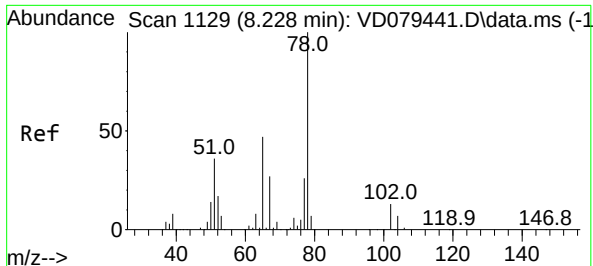
Tgt Ion:168 Resp: 96825
Ion Ratio Lower Upper
168 100
99 52.4 41.1 61.7



#20
Methylene Chloride
Concen: 4.011 ug/l
RT: 4.805 min Scan# 547
Delta R.T. 0.006 min
Lab File: VD079586.D
Acq: 05 Aug 2024 17:44

Tgt Ion: 84 Resp: 26013
Ion Ratio Lower Upper
84 100
49 112.8 75.6 113.4
51 35.0 24.2 36.2
86 65.3 49.2 73.8





#33

1,2-Dichloroethane-d4

Concen: 79.083 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD079586.D

Acq: 05 Aug 2024 17:44

Instrument :

MSVOA_D

ClientSampleId :

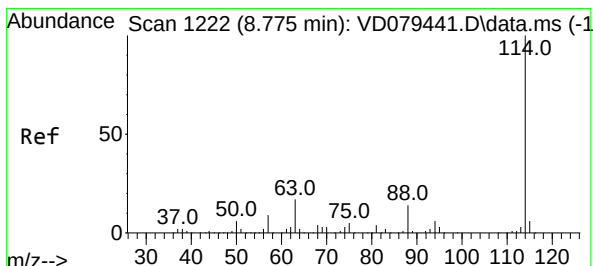
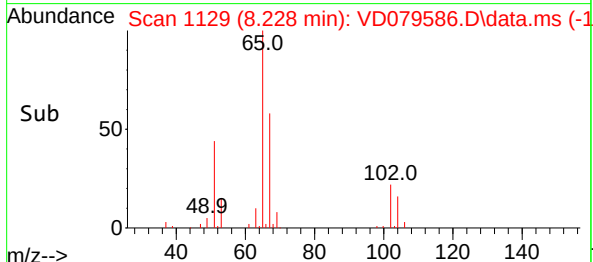
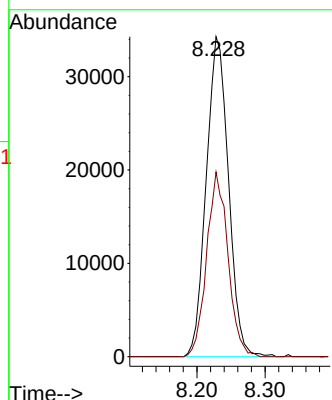
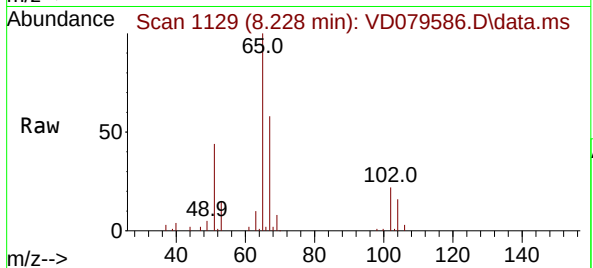
CL-02-080124

Tgt Ion: 65 Resp: 77790

Ion Ratio Lower Upper

65 100

67 55.3 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: VD079586.D

Acq: 05 Aug 2024 17:44

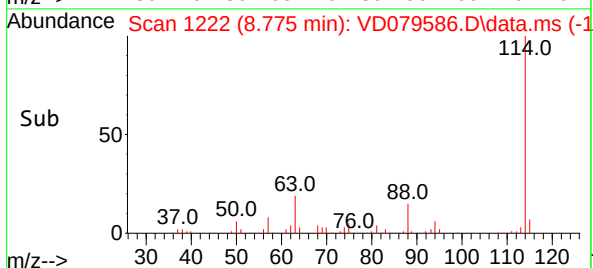
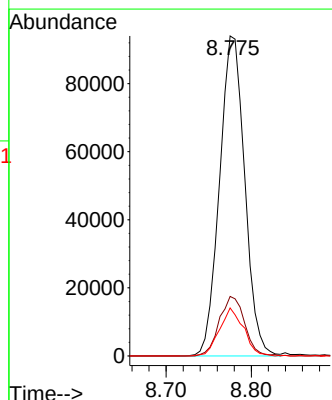
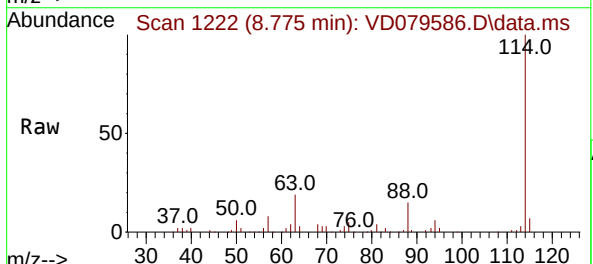
Tgt Ion: 114 Resp: 193272

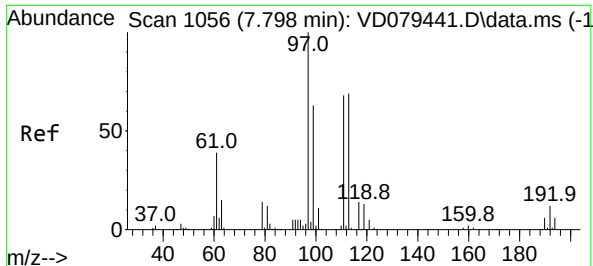
Ion Ratio Lower Upper

114 100

63 18.6 0.0 34.0

88 15.0 0.0 27.2





#35

Dibromofluoromethane

Concen: 57.034 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD079586.D

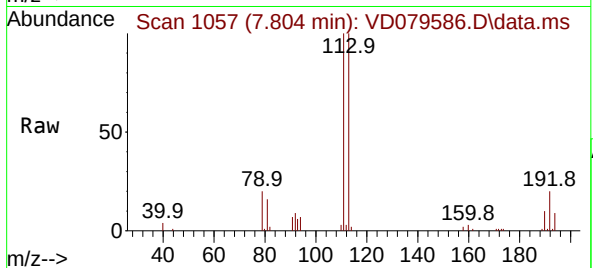
Acq: 05 Aug 2024 17:44

Instrument :

MSVOA_D

ClientSampleId :

CL-02-080124



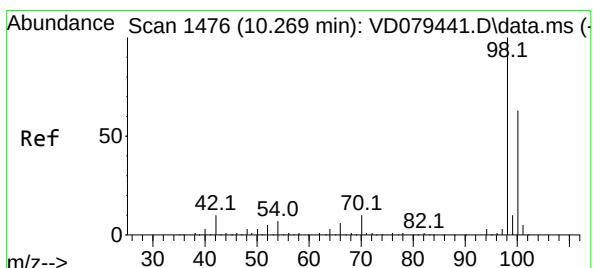
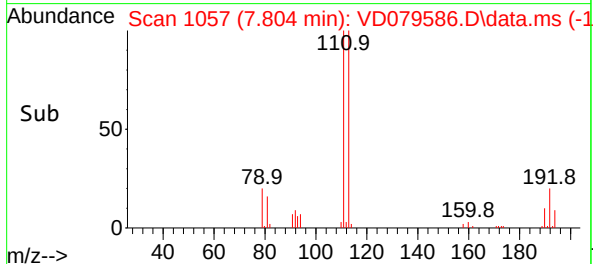
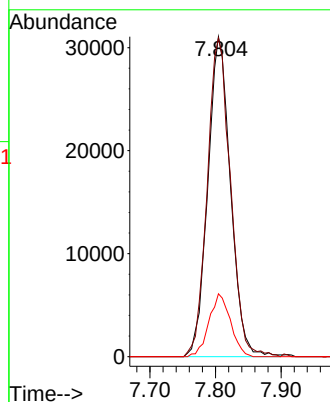
Tgt Ion:113 Resp: 74609

Ion Ratio Lower Upper

113 100

111 101.9 84.0 126.0

192 18.6 15.4 23.0



#50

Toluene-d8

Concen: 34.901 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VD079586.D

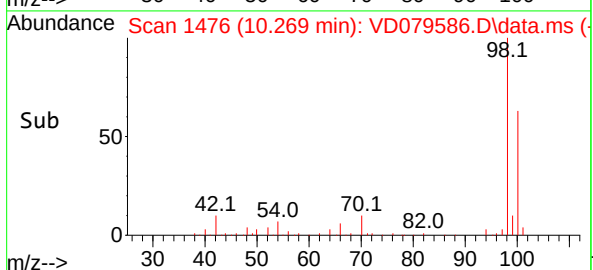
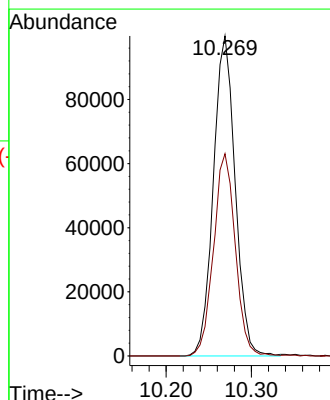
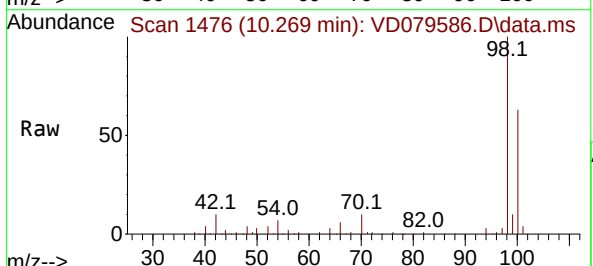
Acq: 05 Aug 2024 17:44

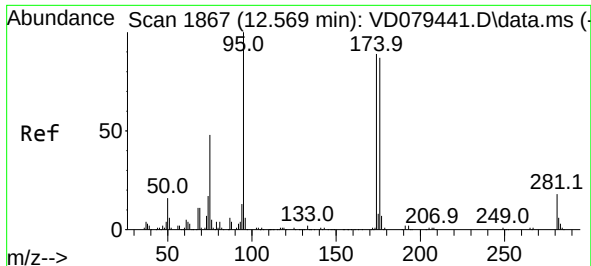
Tgt Ion: 98 Resp: 177300

Ion Ratio Lower Upper

98 100

100 63.0 51.6 77.4

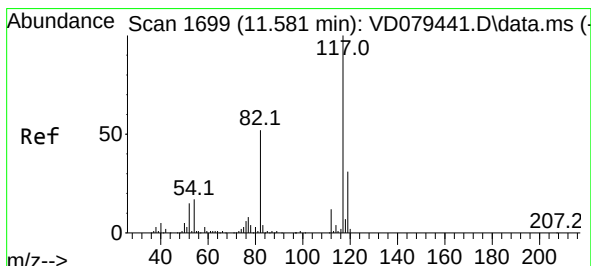
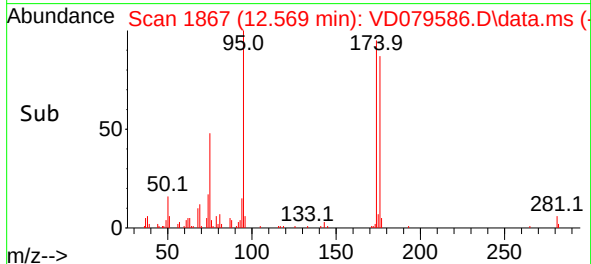
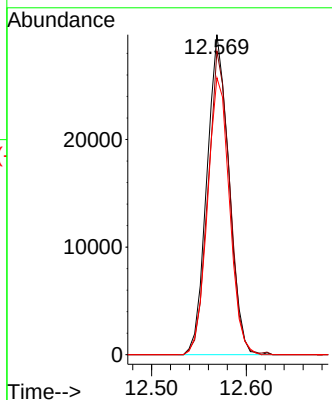
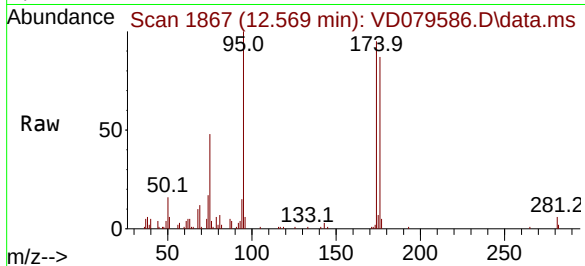




#62
4-Bromofluorobenzene
Concen: 32.747 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079586.D
Acq: 05 Aug 2024 17:44

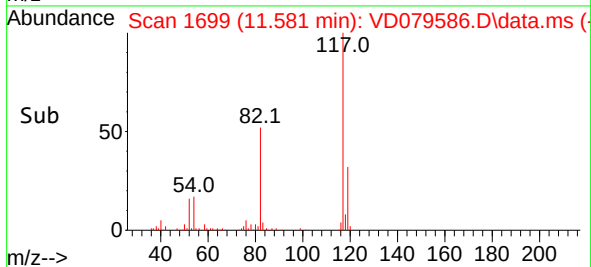
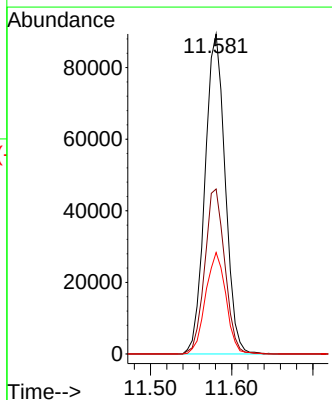
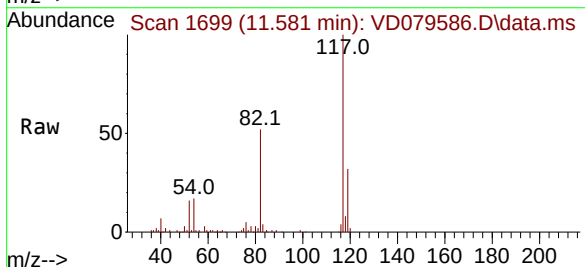
Instrument :
MSVOA_D
ClientSampleId :
CL-02-080124

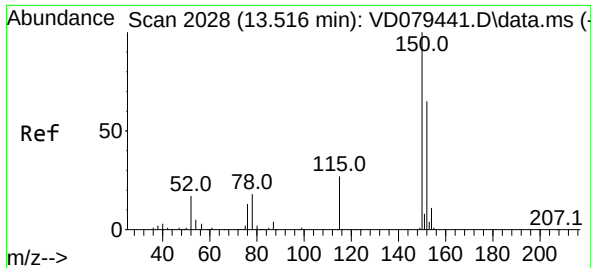
Tgt Ion:	95	Resp:	48140
Ion	Ratio	Lower	Upper
95	100		
174	93.0	0.0	195.4
176	86.4	0.0	192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD079586.D
Acq: 05 Aug 2024 17:44

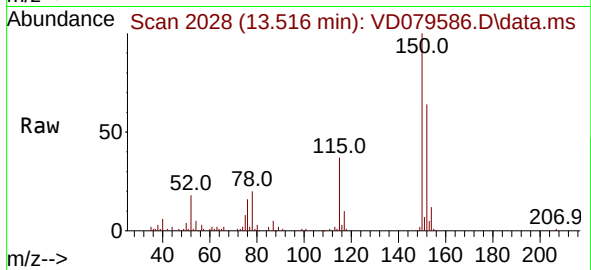
Tgt Ion:	117	Resp:	154046
Ion	Ratio	Lower	Upper
117	100		
82	51.5	39.8	59.6
119	31.7	25.7	38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VD079586.D
 Acq: 05 Aug 2024 17:44

Instrument :
 MSVOA_D
 ClientSampleId :
 CL-02-080124



Tgt Ion:152 Resp: 52208
 Ion Ratio Lower Upper
 152 100
 115 55.3 26.5 79.5
 150 162.5 0.0 341.6

