

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082823\
 Data File : VD077048.D
 Acq On : 28 Aug 2023 18:24
 Operator : JC/SY
 Sample : 04169-01
 Misc : 5.06G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PL-01-082423

Quant Time: Aug 29 02:52:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082823S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 29 02:15:23 2023
 Response via : Initial Calibration

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

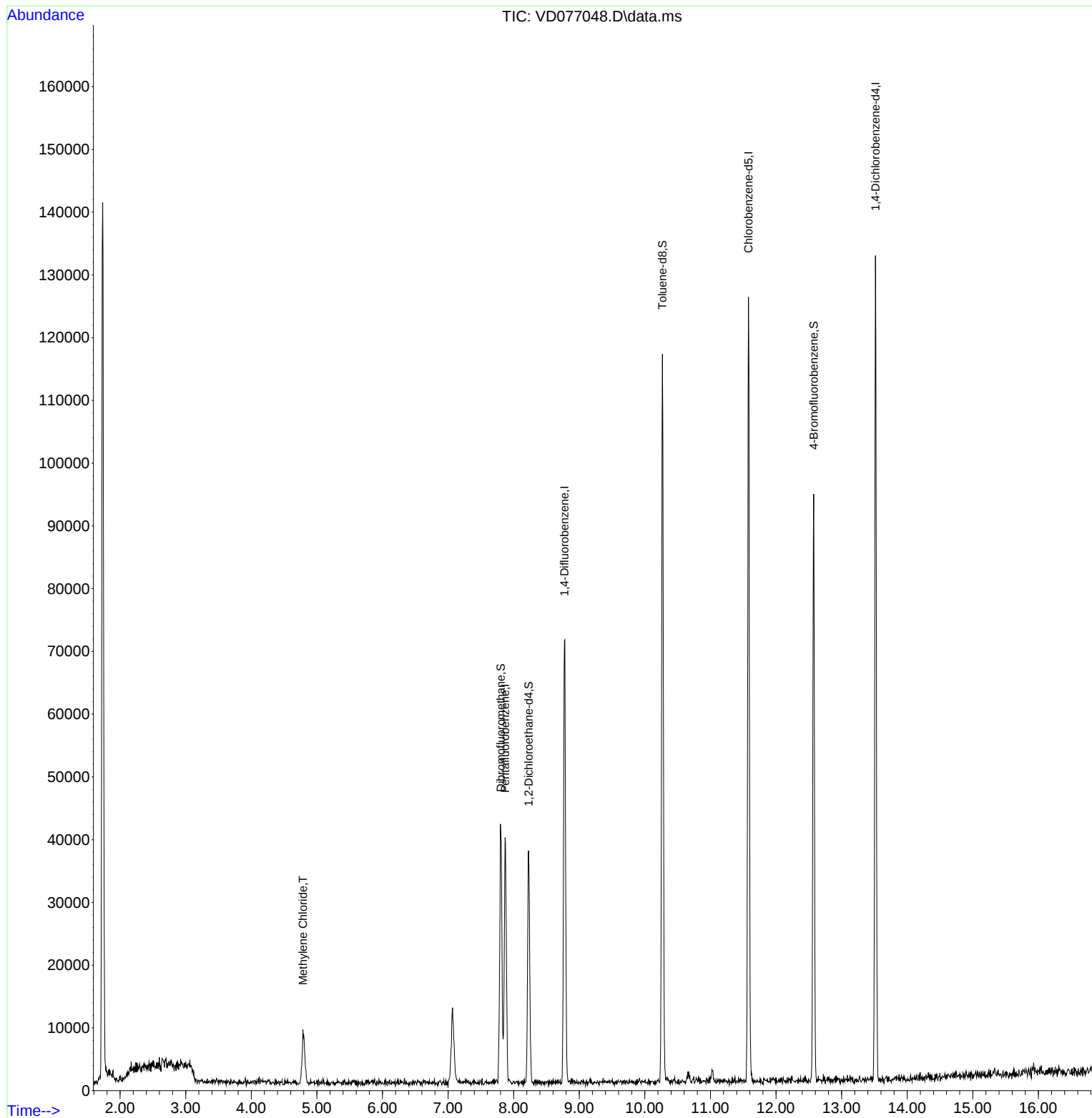
Internal Standards						
1) Pentafluorobenzene	7.869	168	31593	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	68673	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	76386	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	37032	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	28572	91.856	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	183.720%#	
35) Dibromofluoromethane	7.804	113	29090	63.407	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	126.820%	
50) Toluene-d8	10.269	98	82630	49.785	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	=	99.560%	
62) 4-Bromofluorobenzene	12.575	95	29373	60.025	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	=	120.040%	
Target Compounds						
20) Methylene Chloride	4.787	84	6937	12.689	ug/l	Qvalue 97

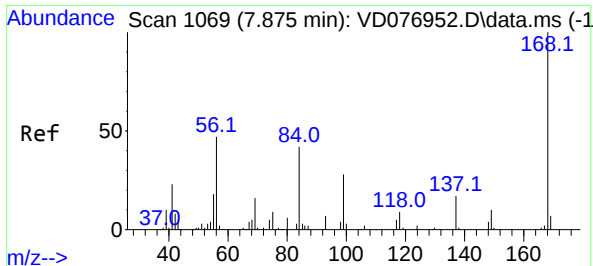
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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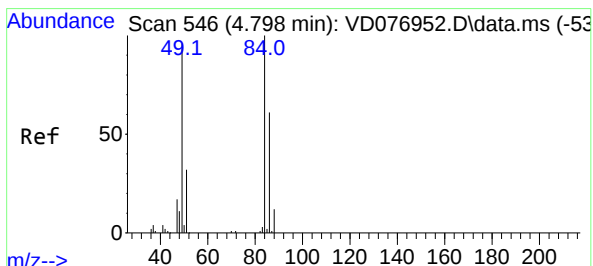
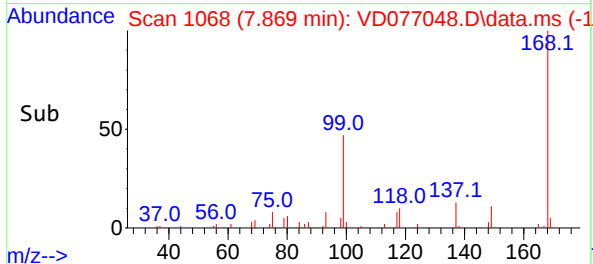
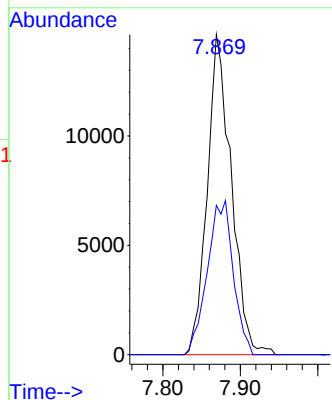
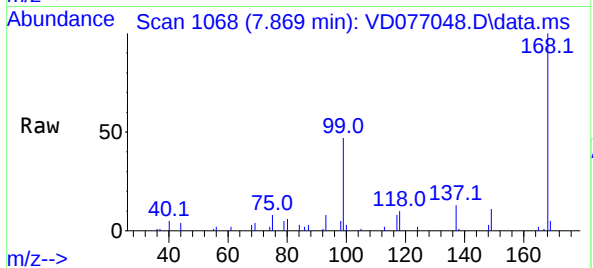




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD077048.D
Acq: 28 Aug 2023 18:24

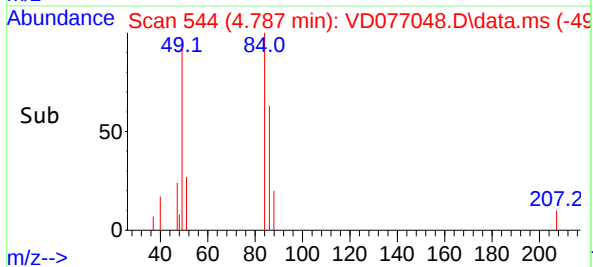
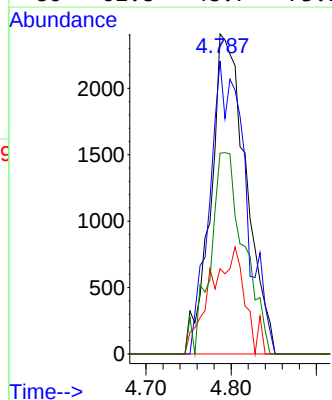
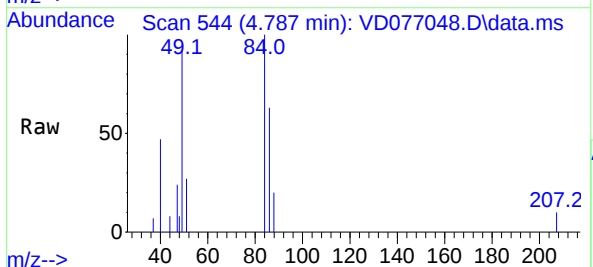
Instrument :
MSVOA_D
ClientSampleId :
PL-01-082423

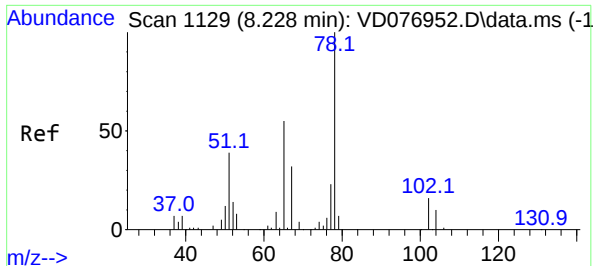
Tgt Ion:168 Resp: 31593
Ion Ratio Lower Upper
168 100
99 46.6 36.7 55.1



#20
Methylene Chloride
Concen: 12.689 ug/l
RT: 4.787 min Scan# 544
Delta R.T. -0.011 min
Lab File: VD077048.D
Acq: 28 Aug 2023 18:24

Tgt Ion: 84 Resp: 6937
Ion Ratio Lower Upper
84 100
49 91.5 71.4 107.2
51 26.6 24.5 36.7
86 62.8 48.7 73.1

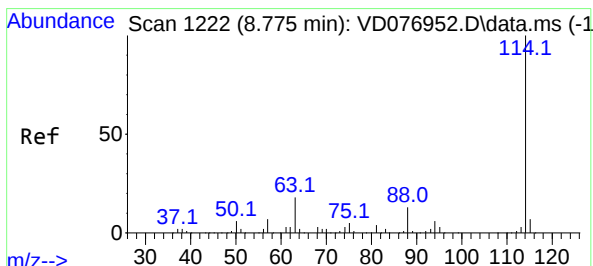
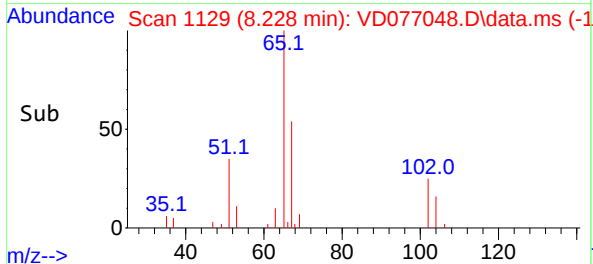
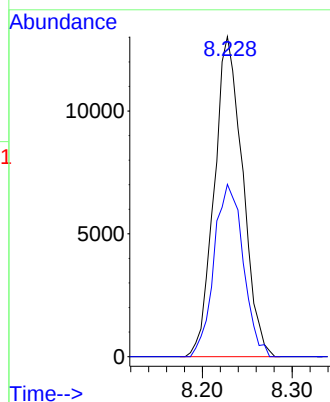
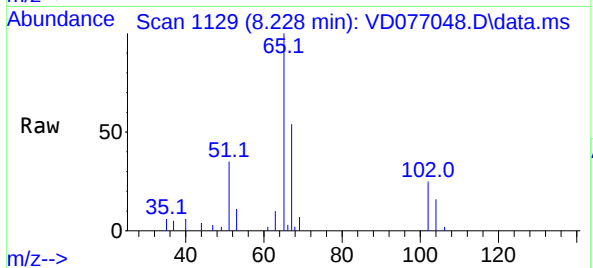




#33
1,2-Dichloroethane-d4
Concen: 91.856 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD077048.D
Acq: 28 Aug 2023 18:24

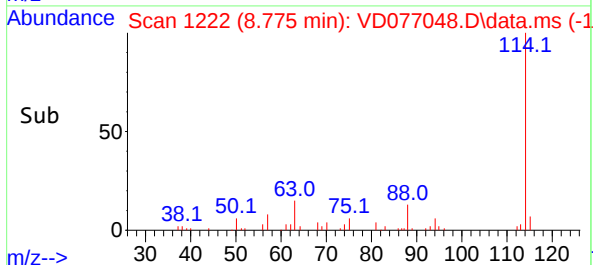
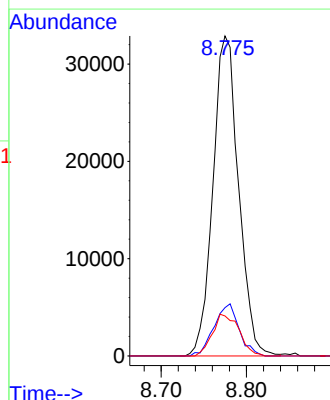
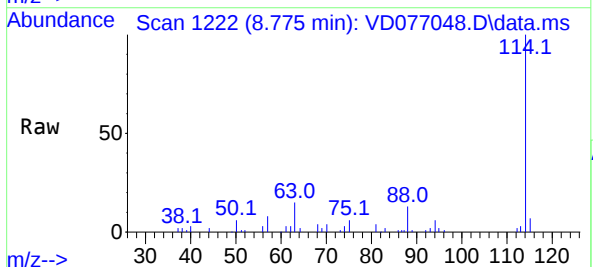
Instrument :
MSVOA_D
ClientSampleId :
PL-01-082423

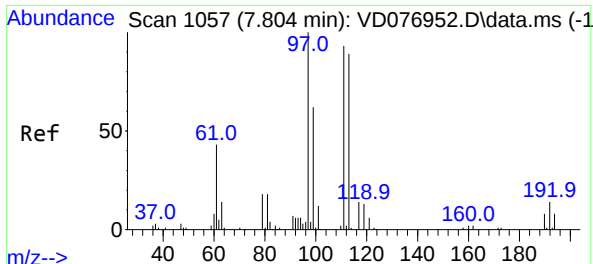
Tgt Ion: 65 Resp: 28572
Ion Ratio Lower Upper
65 100
67 55.5 0.0 115.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD077048.D
Acq: 28 Aug 2023 18:24

Tgt Ion:114 Resp: 68673
Ion Ratio Lower Upper
114 100
63 15.1 0.0 33.4
88 12.5 0.0 26.2

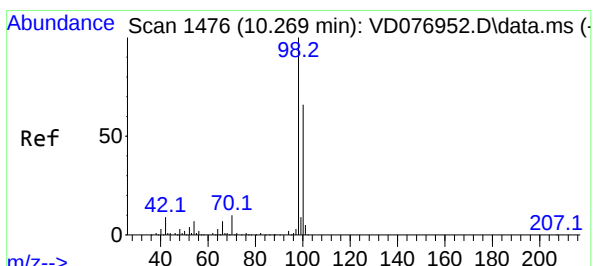
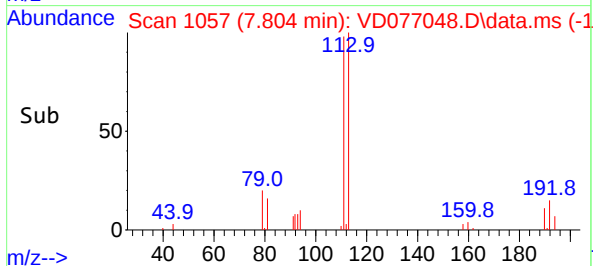
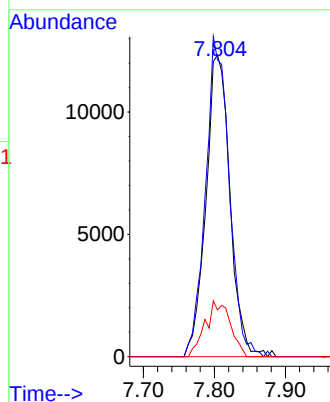
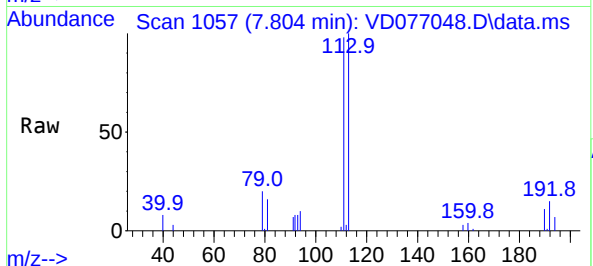




#35
Dibromofluoromethane
Concen: 63.407 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD077048.D
Acq: 28 Aug 2023 18:24

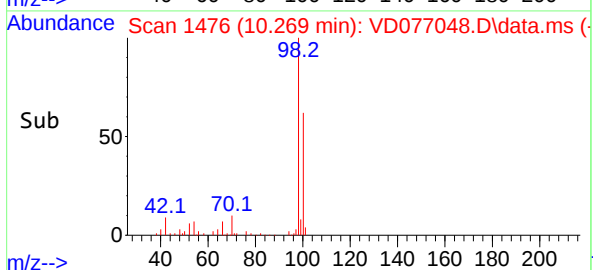
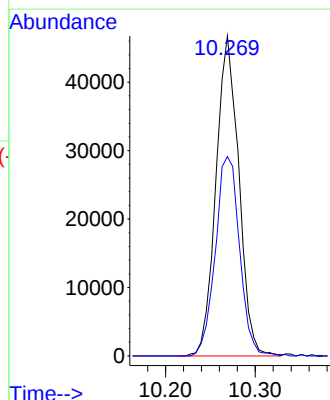
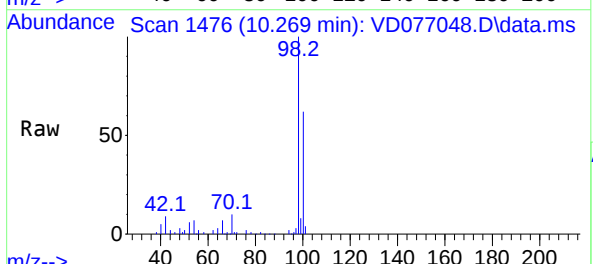
Instrument :
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PL-01-082423

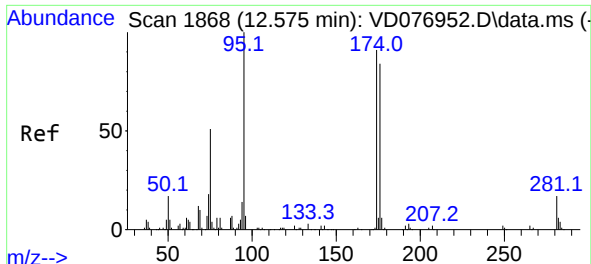
Tgt Ion:	113	Resp:	29090
Ion	Ratio	Lower	Upper
113	100		
111	104.1	84.7	127.1
192	19.2	16.8	25.2



#50
Toluene-d8
Concen: 49.785 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD077048.D
Acq: 28 Aug 2023 18:24

Tgt Ion:	98	Resp:	82630
Ion	Ratio	Lower	Upper
98	100		
100	66.2	50.3	75.5

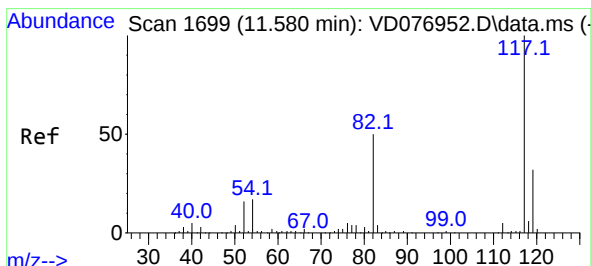
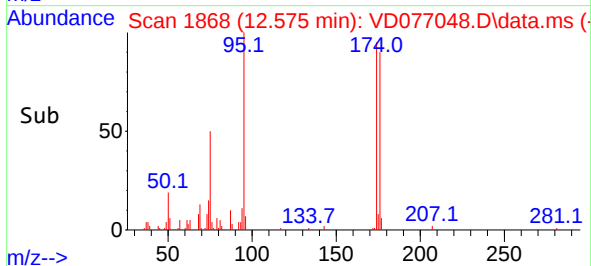
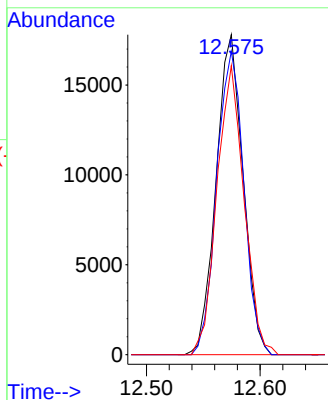
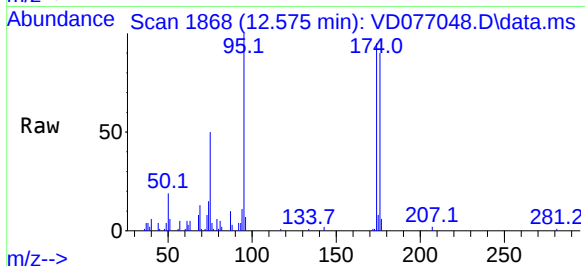




#62
4-Bromofluorobenzene
Concen: 60.025 ug/l
RT: 12.575 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077048.D
Acq: 28 Aug 2023 18:24

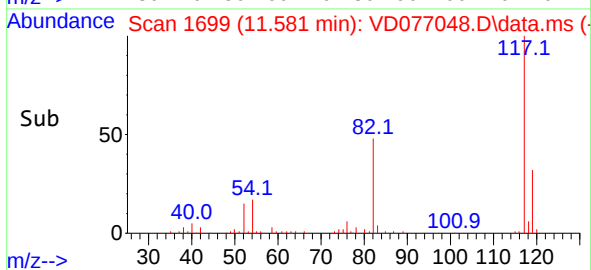
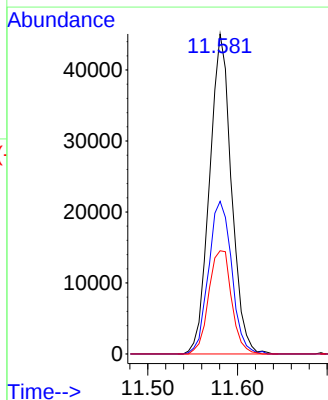
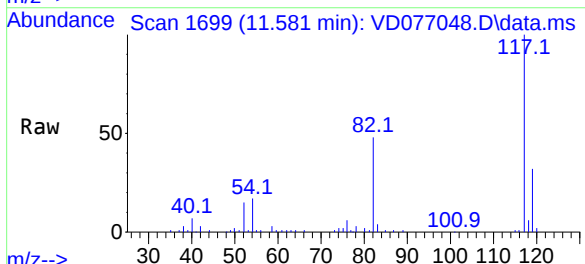
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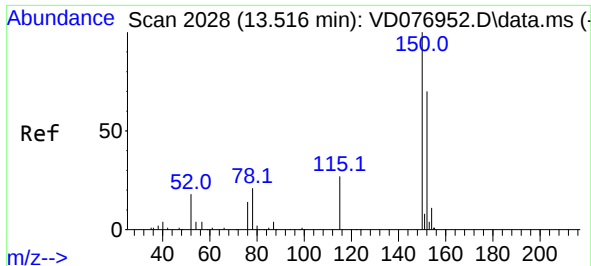
Tgt Ion:	95	Resp:	29373
Ion	Ratio	Lower	Upper
95	100		
174	95.1	0.0	201.8
176	90.8	0.0	191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.001 min
Lab File: VD077048.D
Acq: 28 Aug 2023 18:24

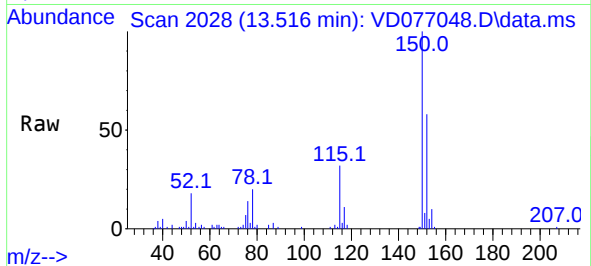
Tgt Ion:	117	Resp:	76386
Ion	Ratio	Lower	Upper
117	100		
82	47.7	38.3	57.5
119	32.2	25.0	37.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD077048.D
 Acq: 28 Aug 2023 18:24

Instrument :
 MSVOA_D
 ClientSampleId :
 PL-01-082423



Tgt Ion:152 Resp: 37032
 Ion Ratio Lower Upper
 152 100
 115 53.6 27.1 81.3
 150 157.9 0.0 353.6

