

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082923\
 Data File : VD077068.D
 Acq On : 29 Aug 2023 18:09
 Operator : JC/SY
 Sample : 04198-09
 Misc : 6.24G/5.7ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-309-OK-370-VOC-25

Quant Time: Aug 29 21:01:32 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)

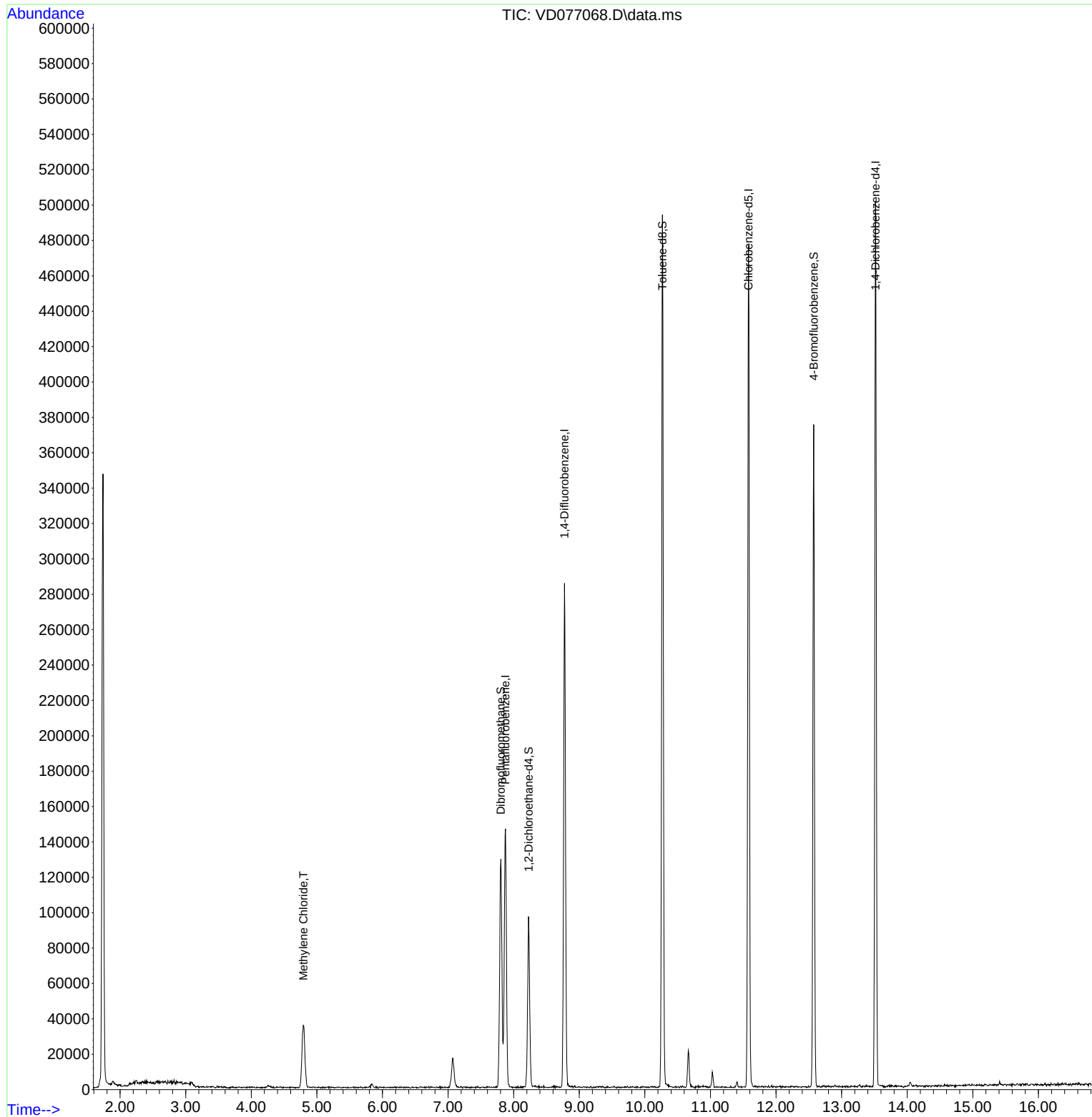
Internal Standards						
1) Pentafluorobenzene	7.875	168	115976	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	260590	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	297462	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	138622	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	70699	61.916	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.840%	
35) Dibromofluoromethane	7.804	113	93241	53.559	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.120%	
50) Toluene-d8	10.269	98	346609	55.033	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 110.060%	
62) 4-Bromofluorobenzene	12.575	95	106914	57.577	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 115.160%	
Target Compounds						
20) Methylene Chloride	4.793	84	28969	15.013	ug/l	Qvalue 89

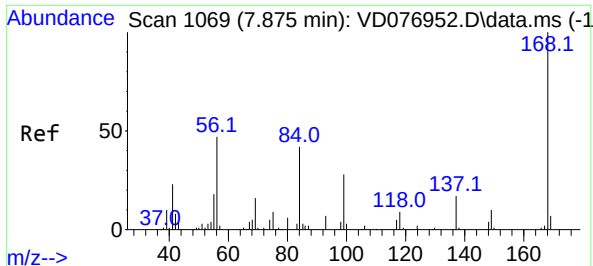
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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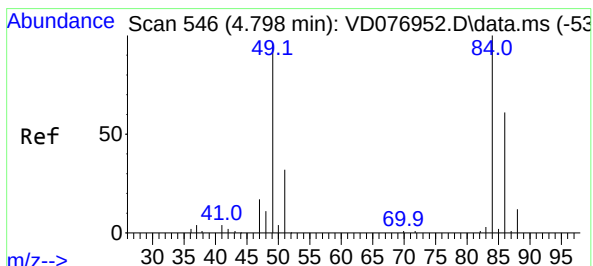
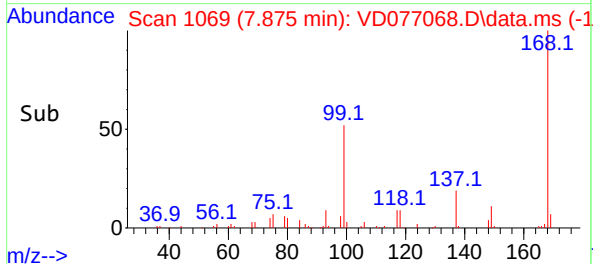
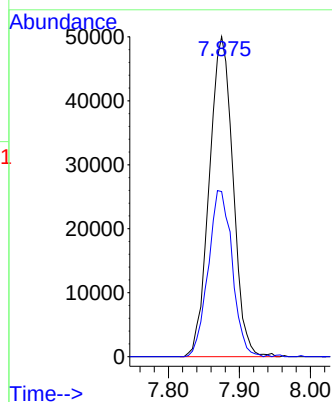
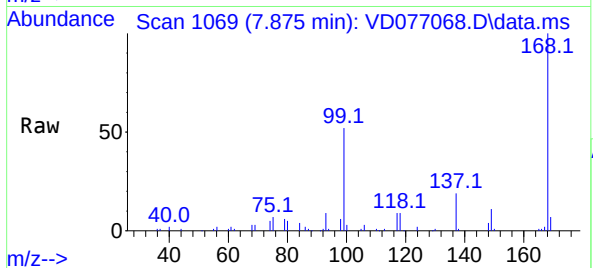




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD077068.D
Acq: 29 Aug 2023 18:09

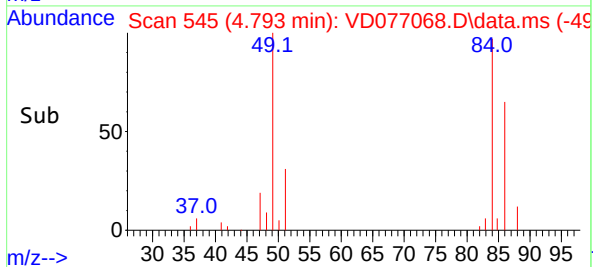
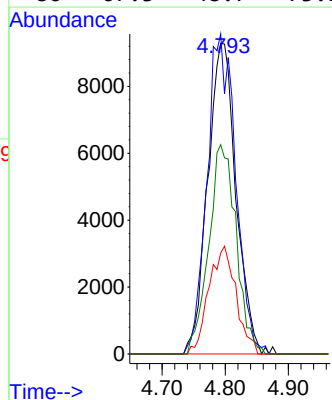
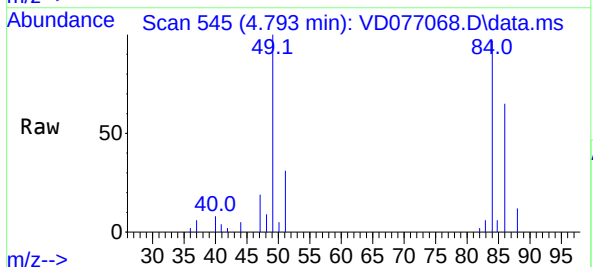
Instrument : MSVOA_D
ClientSampleId : OR-309-OK-370-VOC-25

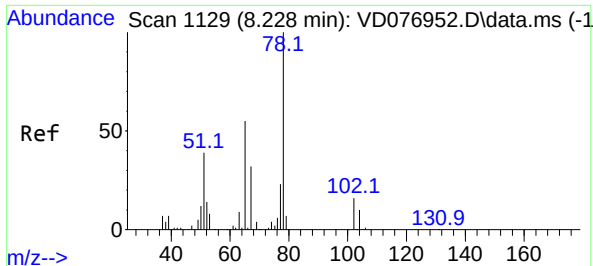
Tgt Ion:168 Resp: 115976
Ion Ratio Lower Upper
168 100
99 51.6 36.7 55.1



#20
Methylene Chloride
Concen: 15.013 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.005 min
Lab File: VD077068.D
Acq: 29 Aug 2023 18:09

Tgt Ion: 84 Resp: 28969
Ion Ratio Lower Upper
84 100
49 103.0 71.4 107.2
51 32.4 24.5 36.7
86 67.3 48.7 73.1

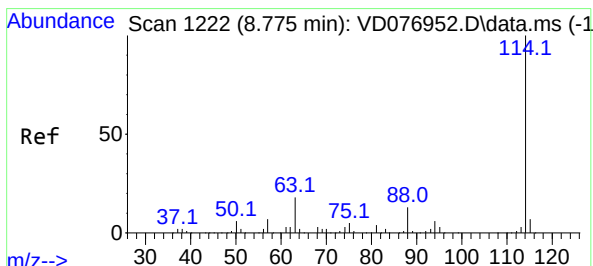
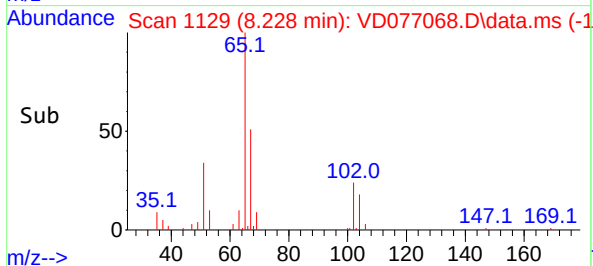
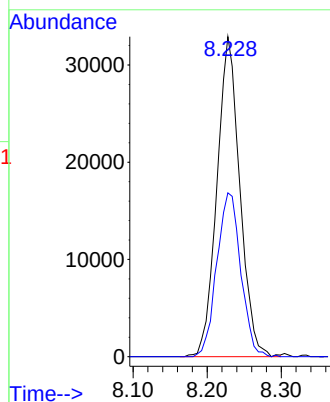
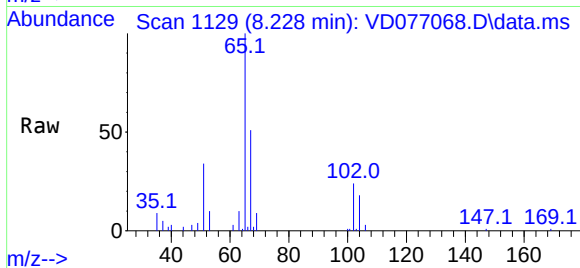




#33
1,2-Dichloroethane-d4
Concen: 61.916 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD077068.D
Acq: 29 Aug 2023 18:09

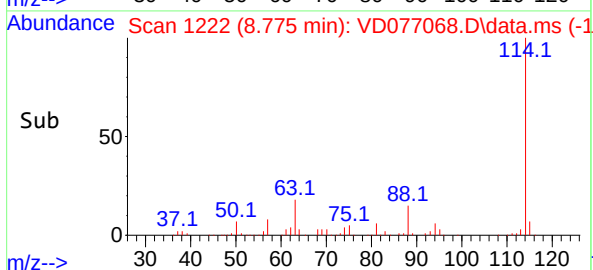
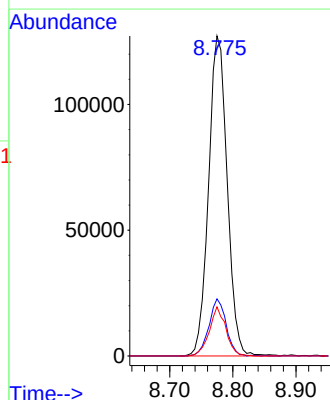
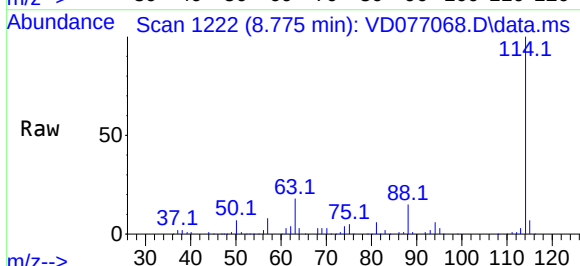
Instrument :
MSVOA_D
ClientSampleId :
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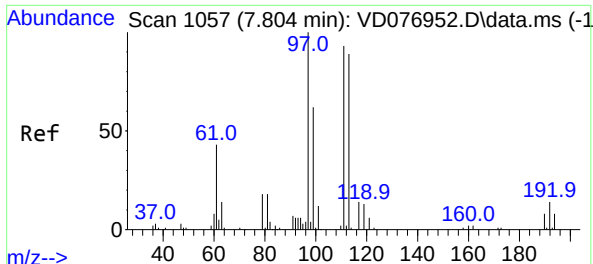
Tgt Ion: 65 Resp: 70699
Ion Ratio Lower Upper
65 100
67 53.5 0.0 115.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD077068.D
Acq: 29 Aug 2023 18:09

Tgt Ion: 114 Resp: 260590
Ion Ratio Lower Upper
114 100
63 17.8 0.0 33.4
88 15.4 0.0 26.2

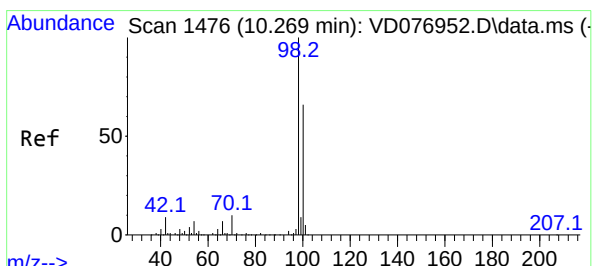
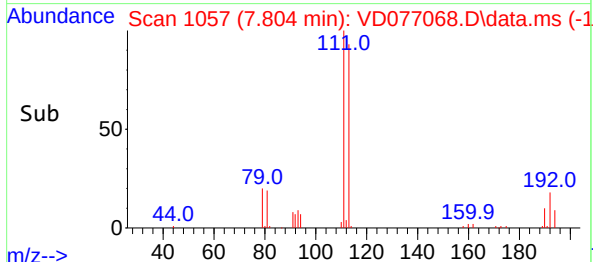
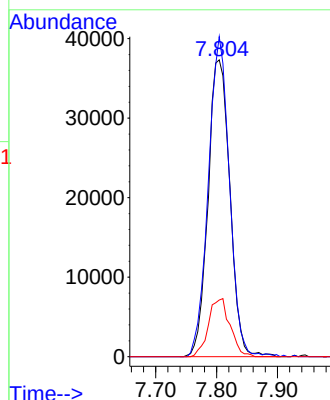
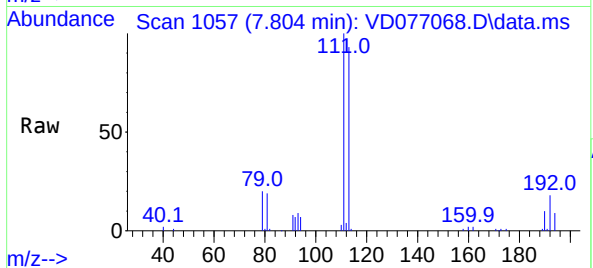




#35
Dibromofluoromethane
Concen: 53.559 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD077068.D
Acq: 29 Aug 2023 18:09

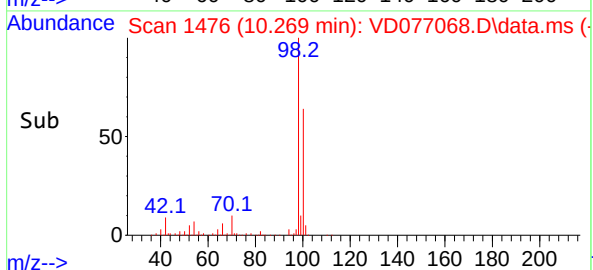
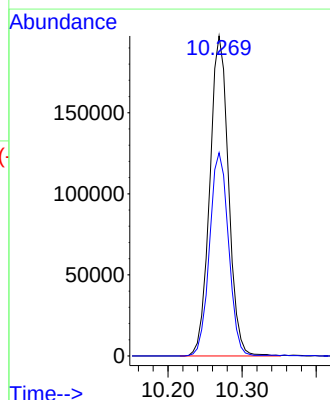
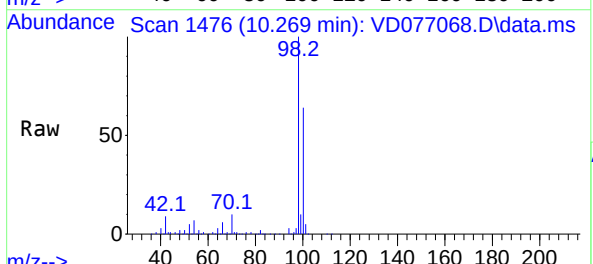
Instrument :
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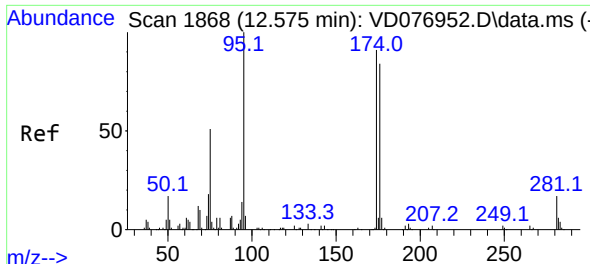
Tgt Ion:	113	Resp:	93241
Ion	Ratio	Lower	Upper
113	100		
111	104.1	84.7	127.1
192	19.3	16.8	25.2



#50
Toluene-d8
Concen: 55.033 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD077068.D
Acq: 29 Aug 2023 18:09

Tgt Ion:	98	Resp:	346609
Ion	Ratio	Lower	Upper
98	100		
100	64.3	50.3	75.5

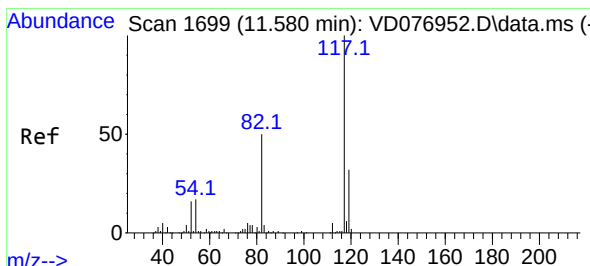
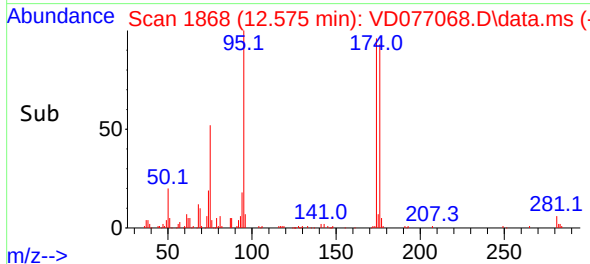
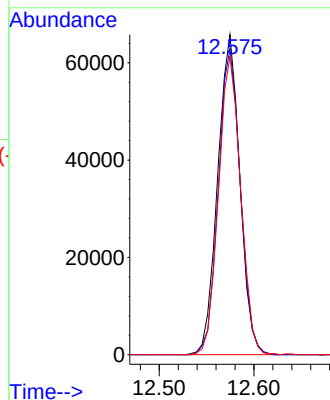
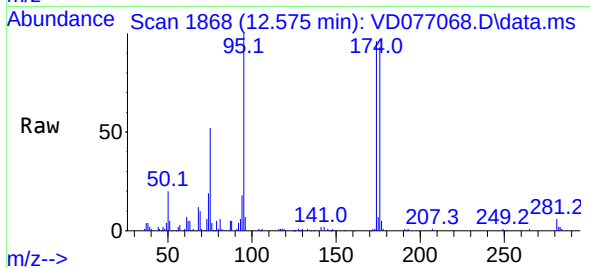




#62
4-Bromofluorobenzene
Concen: 57.577 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077068.D
Acq: 29 Aug 2023 18:09

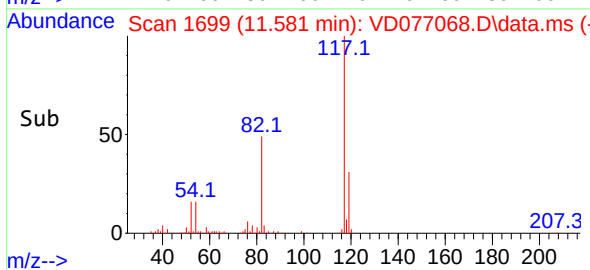
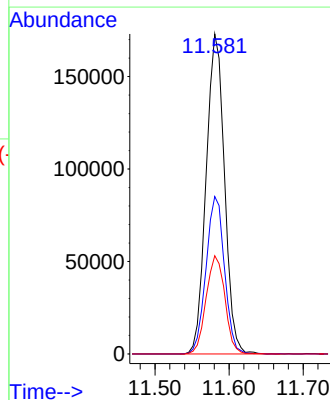
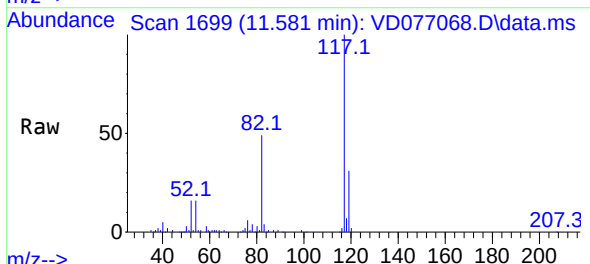
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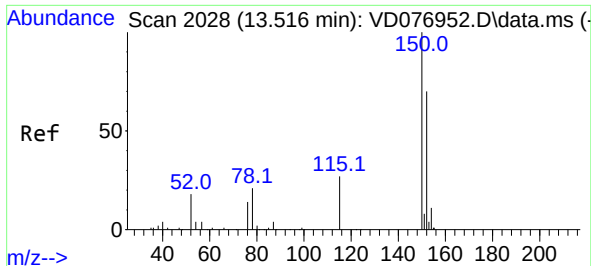
Tgt Ion:	95	Resp:	106914
Ion	Ratio	Lower	Upper
95	100		
174	94.7	0.0	201.8
176	92.9	0.0	191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.001 min
Lab File: VD077068.D
Acq: 29 Aug 2023 18:09

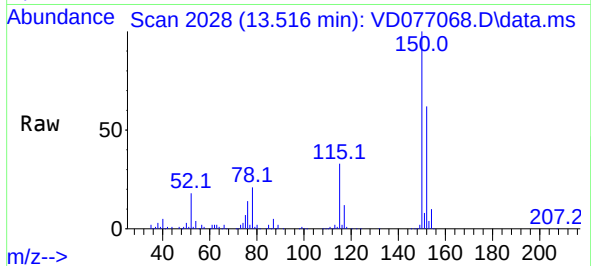
Tgt Ion:	117	Resp:	297462
Ion	Ratio	Lower	Upper
117	100		
82	49.2	38.3	57.5
119	30.7	25.0	37.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD077068.D
 Acq: 29 Aug 2023 18:09

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Tgt Ion:152 Resp: 138622

Ion	Ratio	Lower	Upper
152	100		
115	54.5	27.1	81.3
150	157.6	0.0	353.6

