

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072623\
 Data File : VD076813.D
 Acq On : 26 Jul 2023 18:40
 Operator : KP/SY
 Sample : 03769-10
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-P40B

Quant Time: Jul 27 04:25:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 08:07:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	12356	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	25481	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	26546	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	11428	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	9586	77.891	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	155.780%
35) Dibromofluoromethane	7.805	113	9504	59.354	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	118.700%
50) Toluene-d8	10.269	98	32422	56.600	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	113.200%
62) 4-Bromofluorobenzene	12.569	95	9552	51.546	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	103.100%

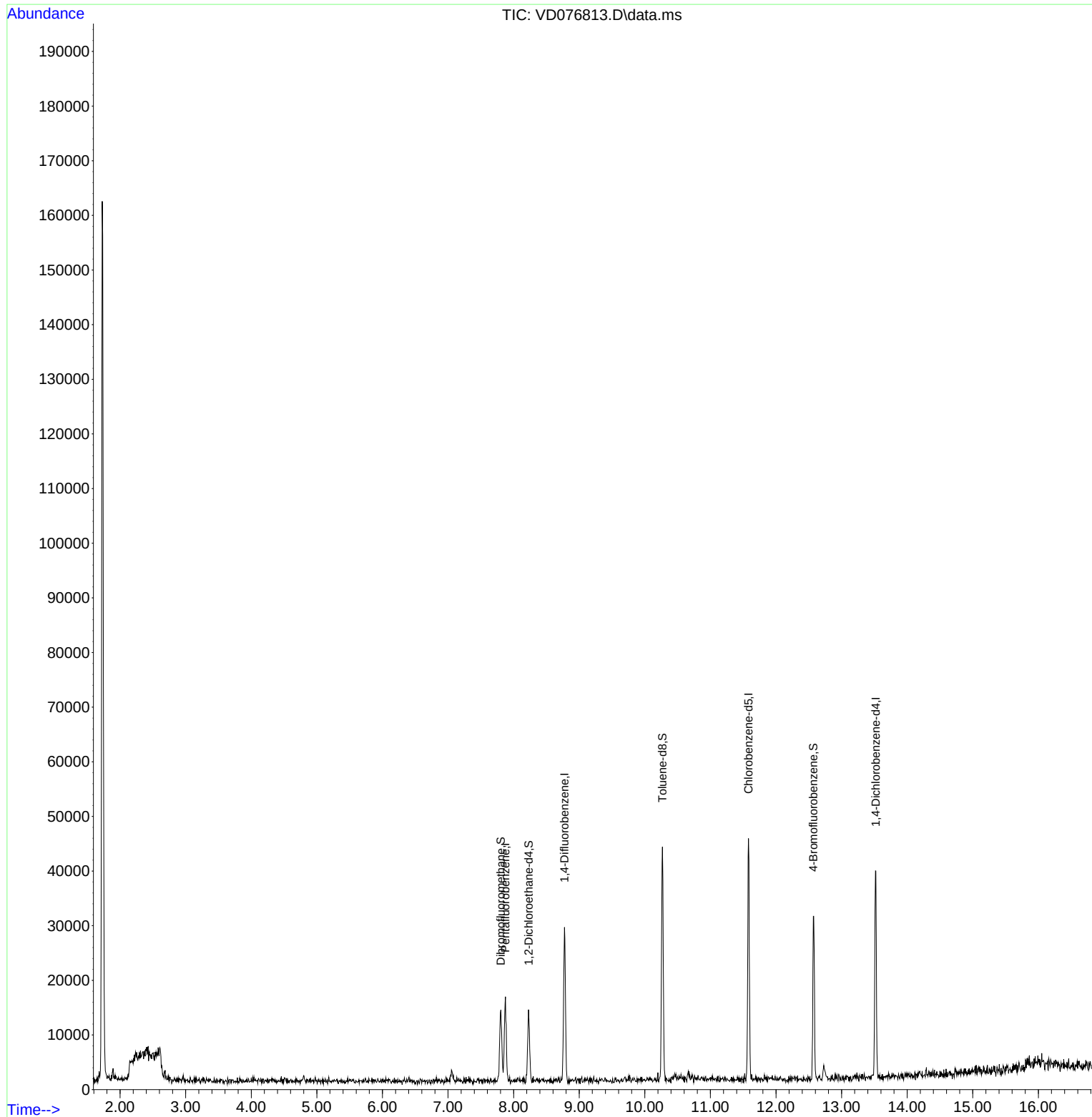
Target Compounds	Qvalue

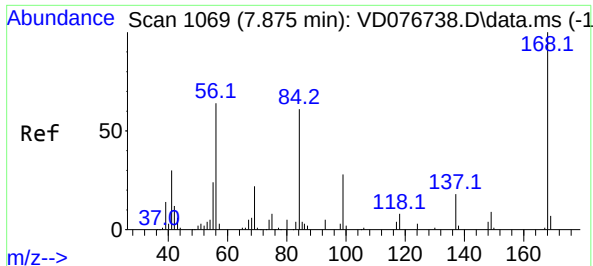
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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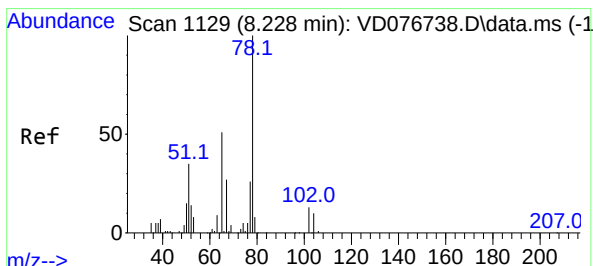
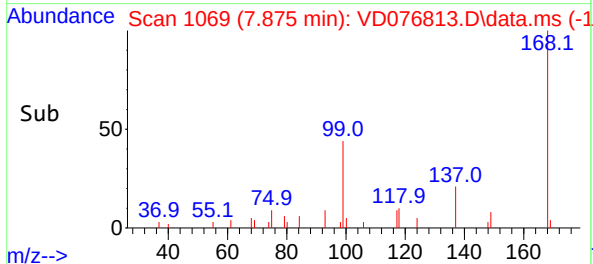
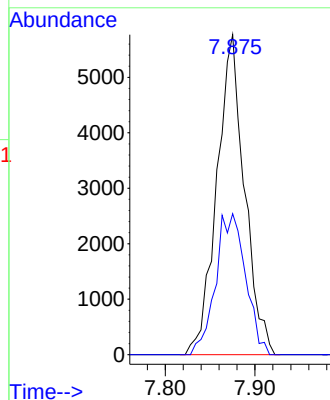
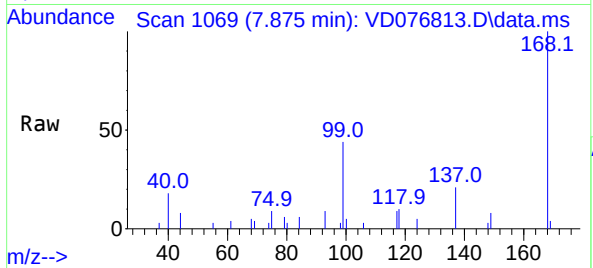




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076813.D
Acq: 26 Jul 2023 18:40

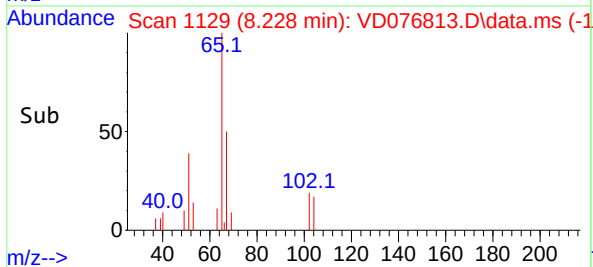
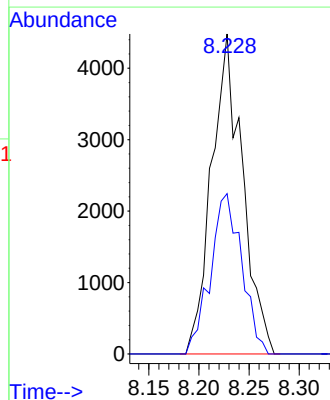
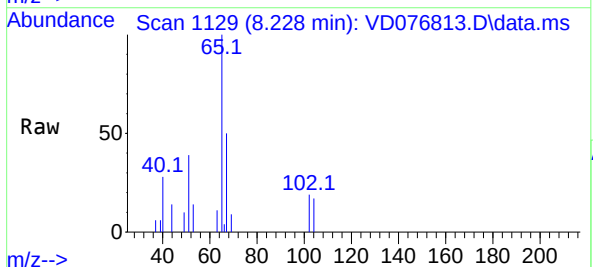
Instrument :
MSVOA_D
ClientSampleId :
B-P40B

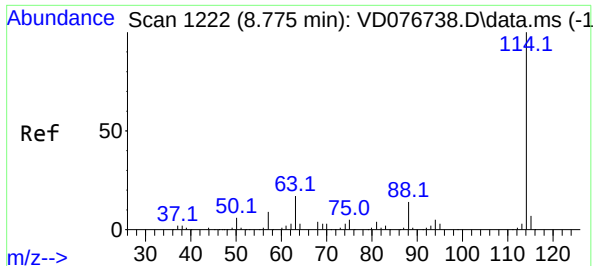
Tgt Ion:168 Resp: 12356
Ion Ratio Lower Upper
168 100
99 44.0 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 77.891 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD076813.D
Acq: 26 Jul 2023 18:40

Tgt Ion: 65 Resp: 9586
Ion Ratio Lower Upper
65 100
67 51.0 0.0 115.0

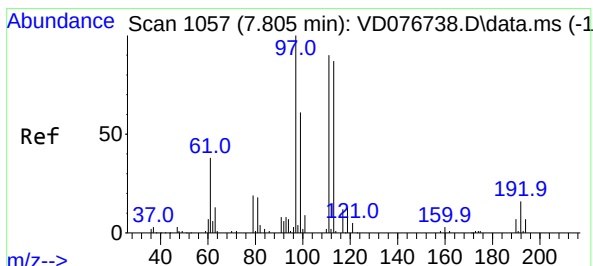
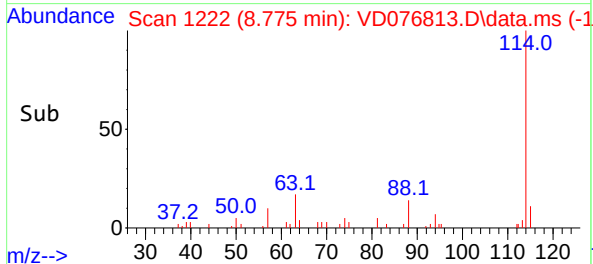
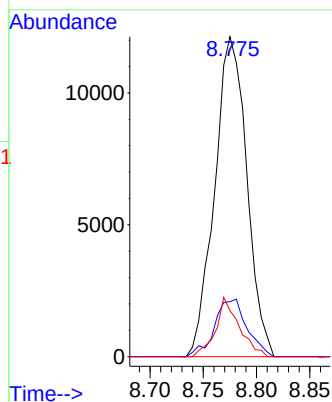
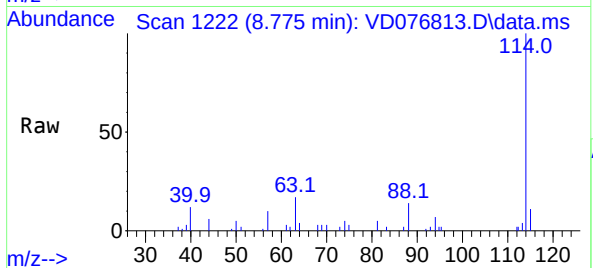




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076813.D
Acq: 26 Jul 2023 18:40

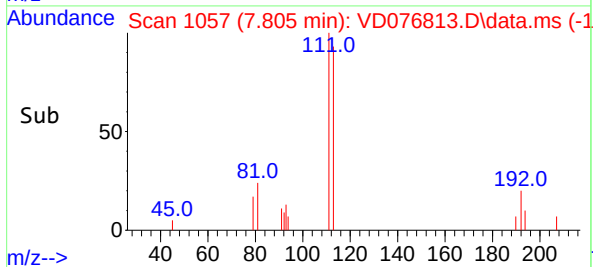
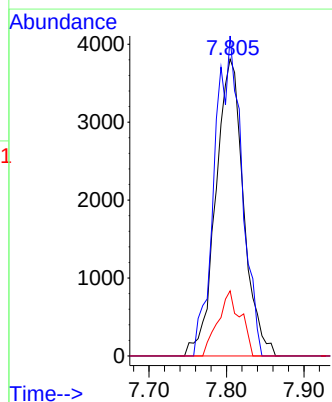
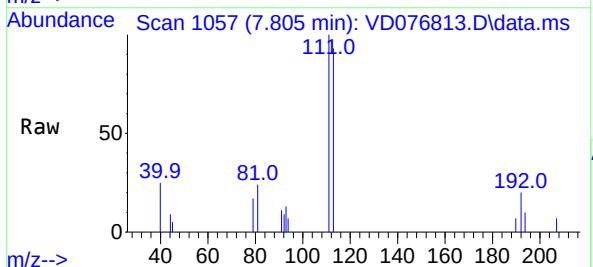
Instrument :
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ClientSampleId :
B-P40B

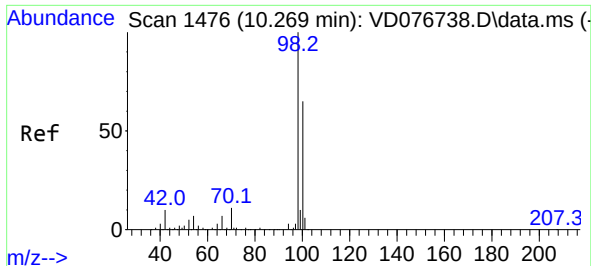
Tgt Ion:114	Resp:	25481
Ion	Ratio	Lower Upper
114	100	
63	17.2	0.0 33.4
88	14.4	0.0 26.2



#35
Dibromofluoromethane
Concen: 59.354 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD076813.D
Acq: 26 Jul 2023 18:40

Tgt Ion:113	Resp:	9504
Ion	Ratio	Lower Upper
113	100	
111	105.7	84.7 127.1
192	17.9	16.8 25.2

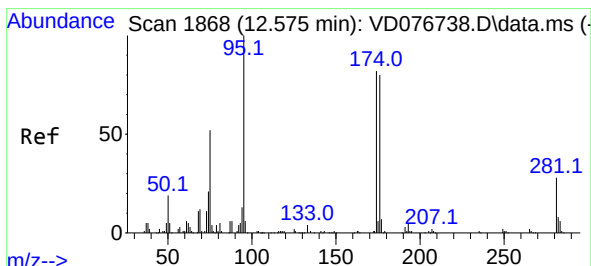
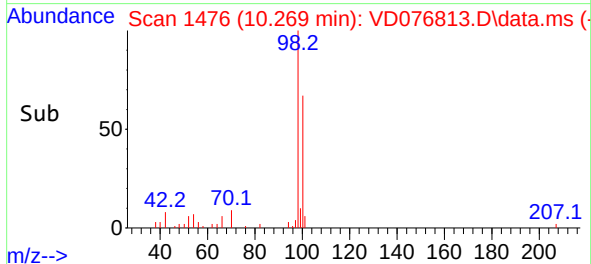
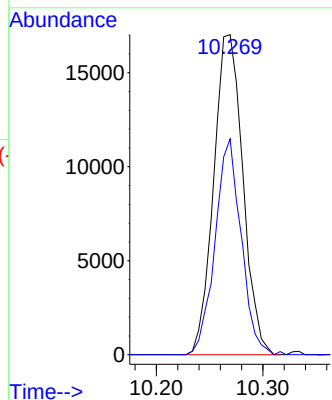
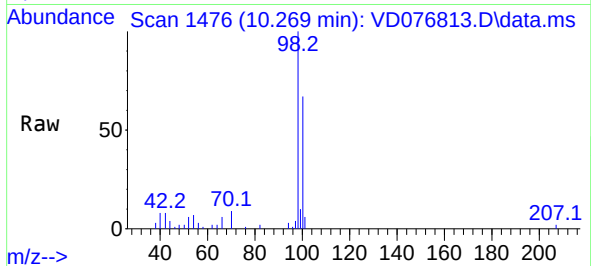




#50
Toluene-d8
Concen: 56.600 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076813.D
Acq: 26 Jul 2023 18:40

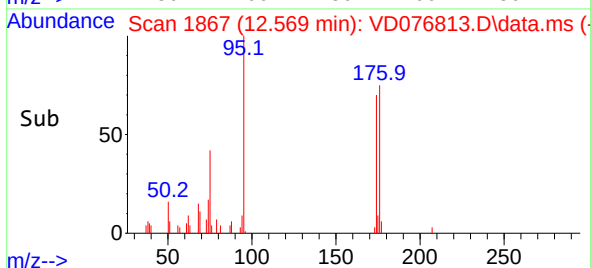
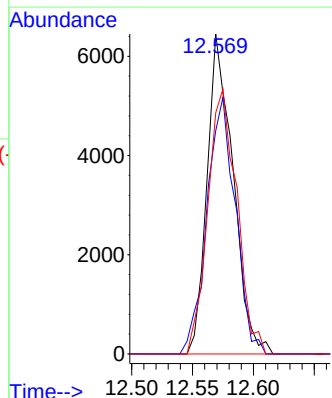
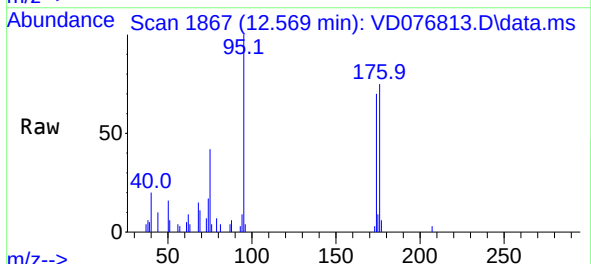
Instrument :
MSVOA_D
ClientSampleId :
B-P40B

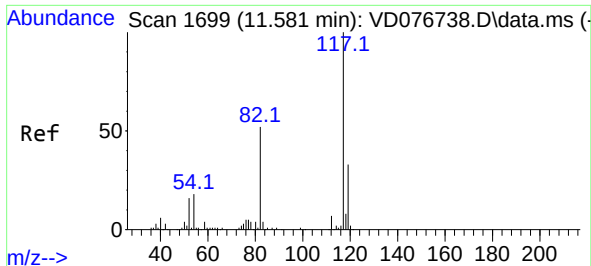
Tgt Ion: 98 Resp: 32422
Ion Ratio Lower Upper
98 100
100 60.3 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 51.546 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD076813.D
Acq: 26 Jul 2023 18:40

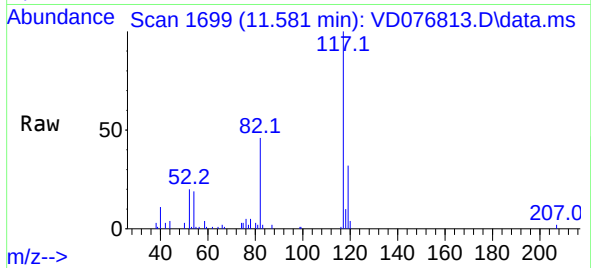
Tgt Ion: 95 Resp: 9552
Ion Ratio Lower Upper
95 100
174 87.9 0.0 201.8
176 92.4 0.0 191.8



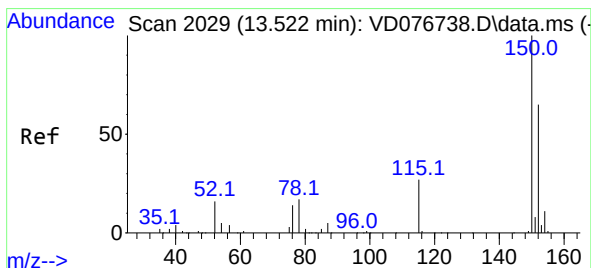
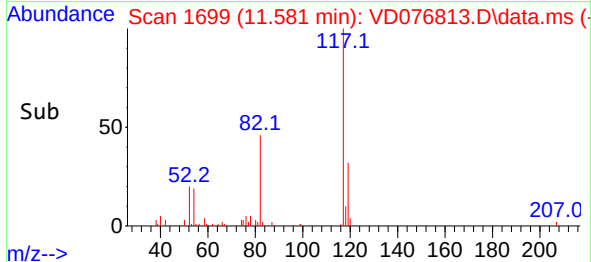
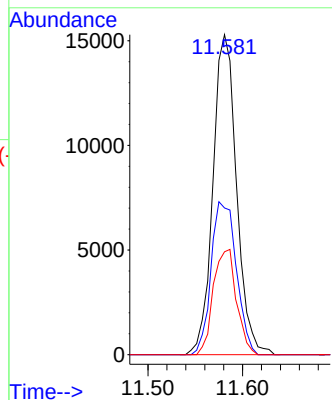


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076813.D
Acq: 26 Jul 2023 18:40

Instrument :
MSVOA_D
ClientSampleId :
B-P40B



Tgt Ion:	117	Resp:	26546
Ion	Ratio	Lower	Upper
117	100		
82	45.9	38.3	57.5
119	32.1	25.0	37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD076813.D
Acq: 26 Jul 2023 18:40

Tgt Ion:	152	Resp:	11428
Ion	Ratio	Lower	Upper
152	100		
115	54.2	27.1	81.3
150	152.5	0.0	353.6

