

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062323\
 Data File : VD076555.D
 Acq On : 23 Jun 2023 13:35
 Operator : KP/SY
 Sample : 03352-01RE
 Misc : 4.27G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BU-3-062023RE

Quant Time: Jun 23 16:33:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 19 04:51:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	44251	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	92601	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	95410	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	47125	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	50924	114.860	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	229.720%#
35) Dibromofluoromethane	7.810	113	41191	74.877	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	149.760%#
50) Toluene-d8	10.269	98	134964	64.691	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	129.380%
62) 4-Bromofluorobenzene	12.575	95	47133	69.611	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	139.220%

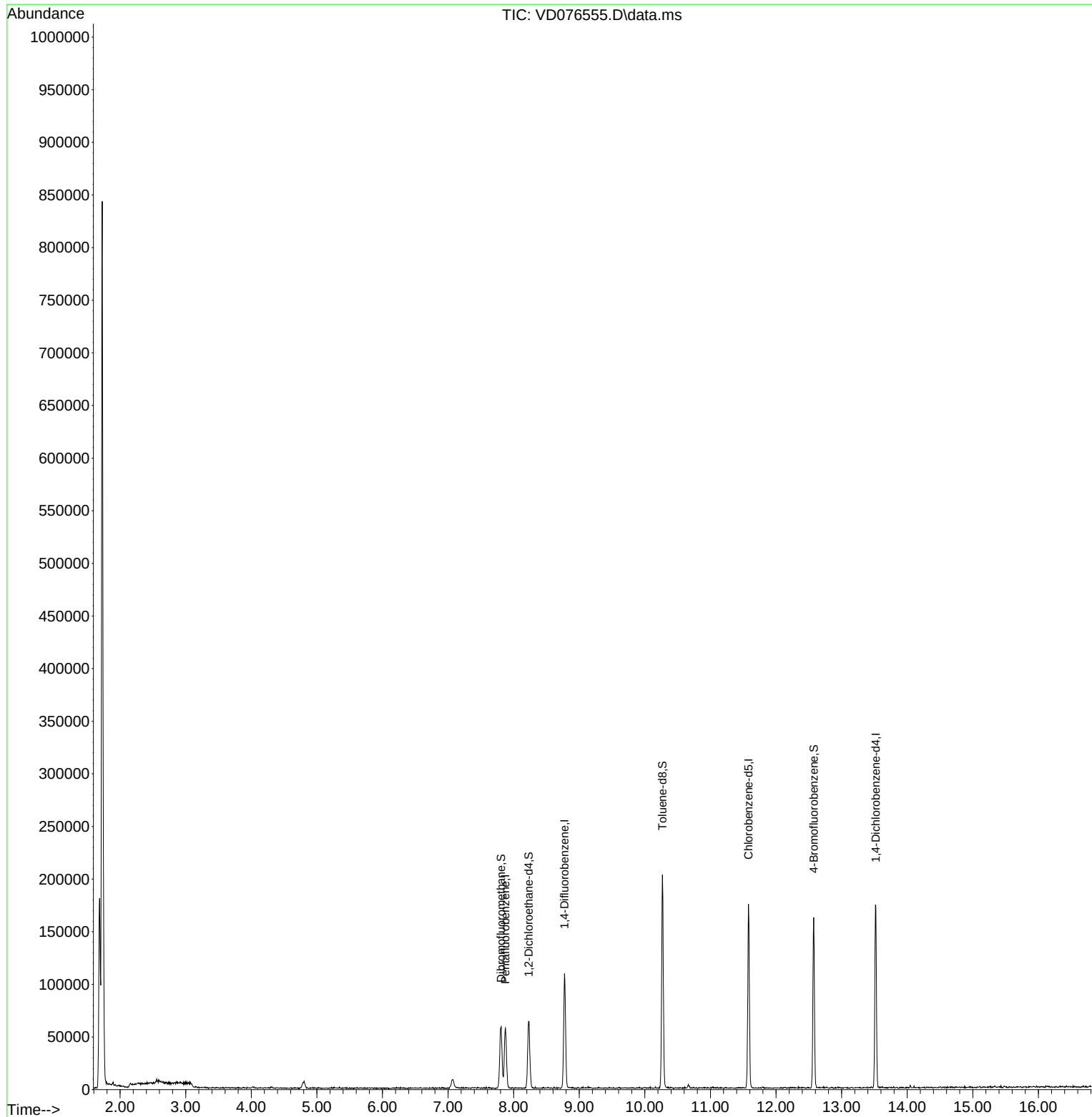
Target Compounds	Qvalue

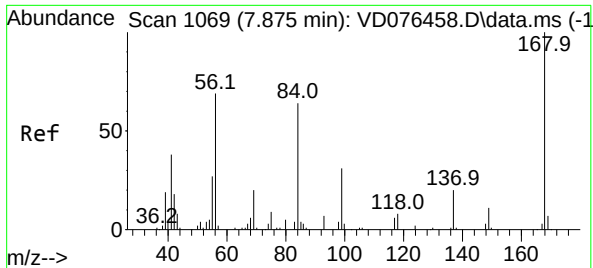
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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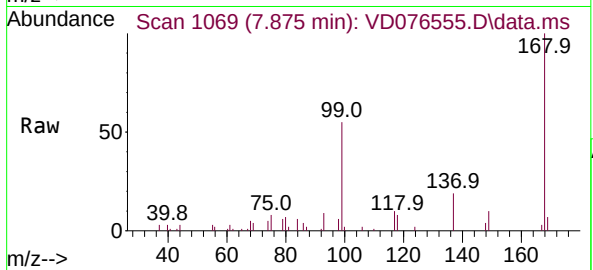
Quant Time: Jun 23 16:33:12 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
Quant Title : SW846 8260
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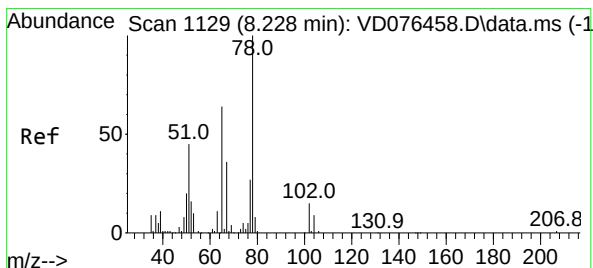
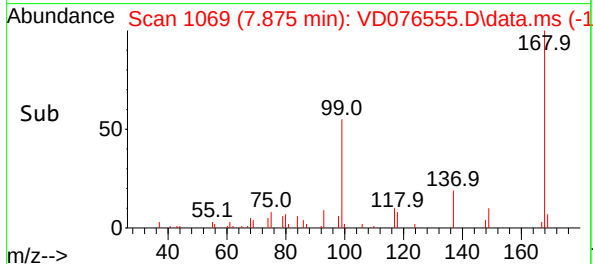
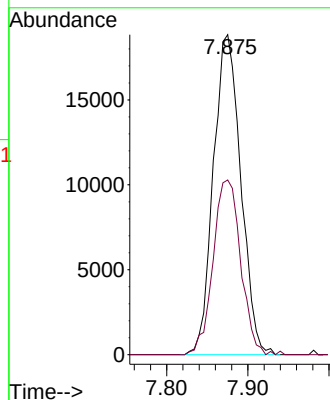


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076555.D
Acq: 23 Jun 2023 13:35

Instrument :
MSVOA_D
ClientSampleId :
BU-3-062023RE

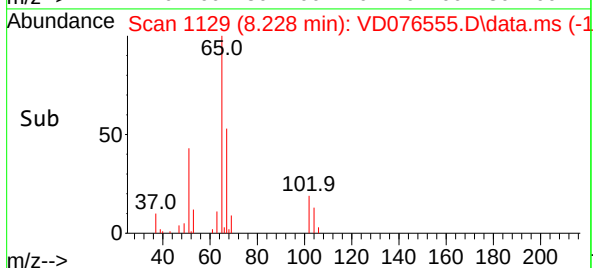
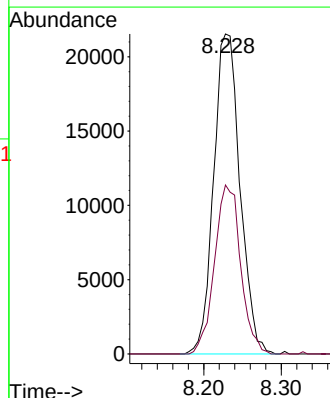
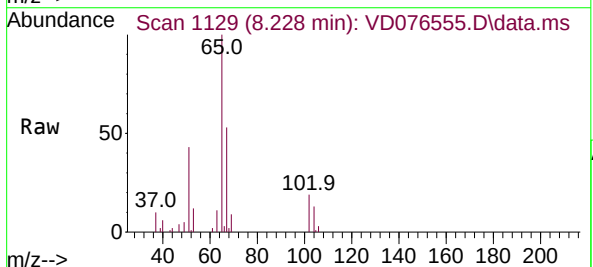


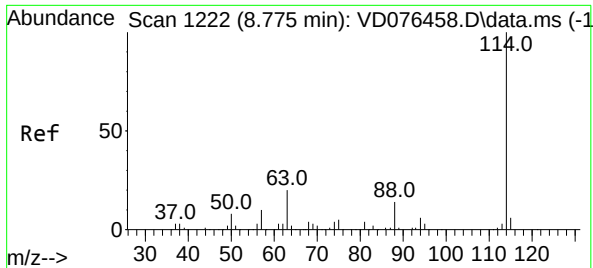
Tgt Ion:168 Resp: 44251
Ion Ratio Lower Upper
168 100
99 54.6 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 114.860 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076555.D
Acq: 23 Jun 2023 13:35

Tgt Ion: 65 Resp: 50924
Ion Ratio Lower Upper
65 100
67 52.3 0.0 115.0

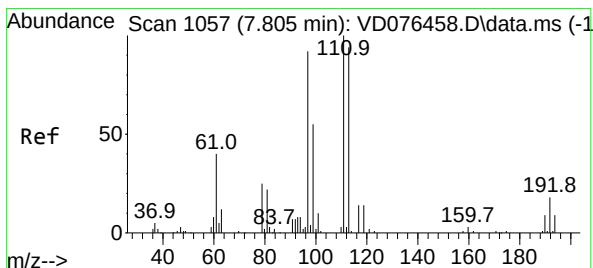
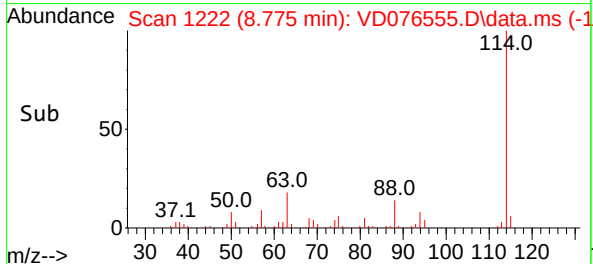
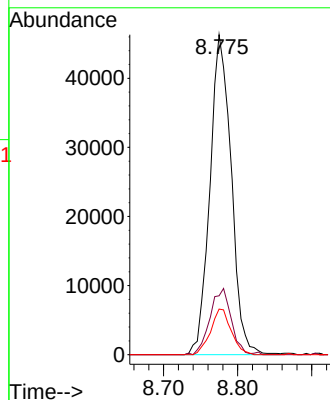
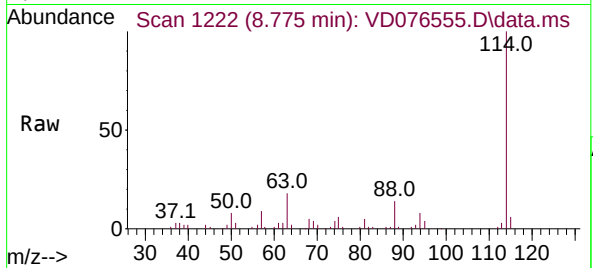




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076555.D
Acq: 23 Jun 2023 13:35

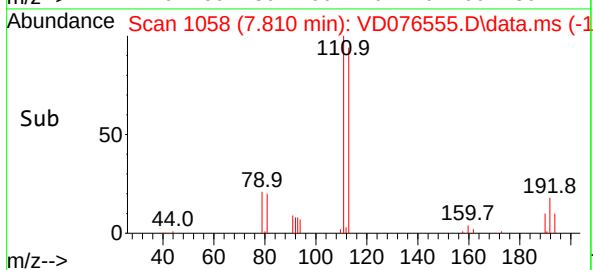
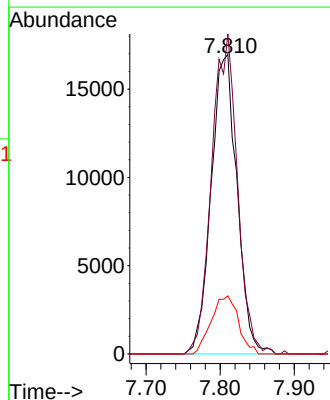
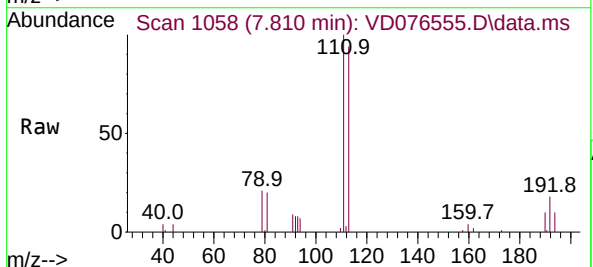
Instrument :
MSVOA_D
ClientSampleId :
BU-3-062023RE

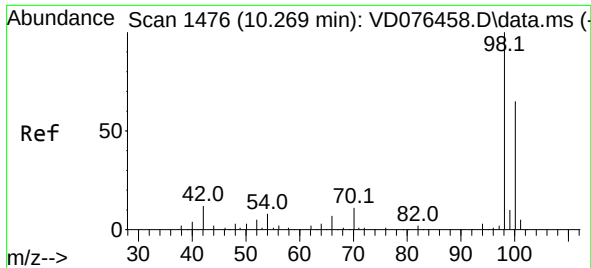
Tgt Ion:	114	Resp:	92601
Ion Ratio	Lower	Upper	
114	100		
63	18.4	0.0	33.4
88	14.3	0.0	26.2



#35
Dibromofluoromethane
Concen: 74.877 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VD076555.D
Acq: 23 Jun 2023 13:35

Tgt Ion:	113	Resp:	41191
Ion Ratio	Lower	Upper	
113	100		
111	106.1	84.7	127.1
192	20.3	16.8	25.2

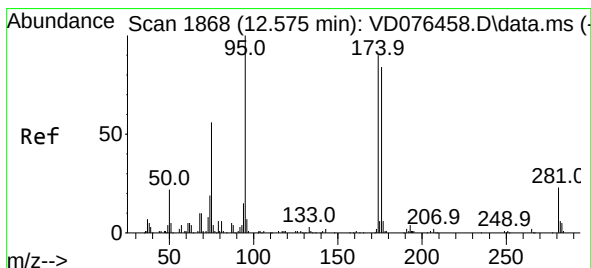
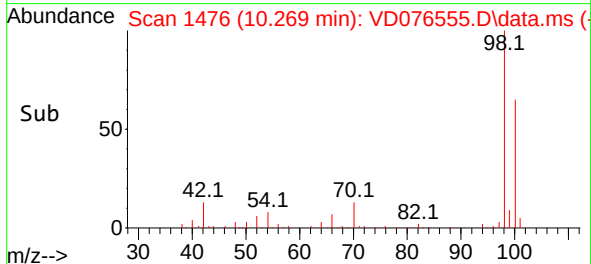
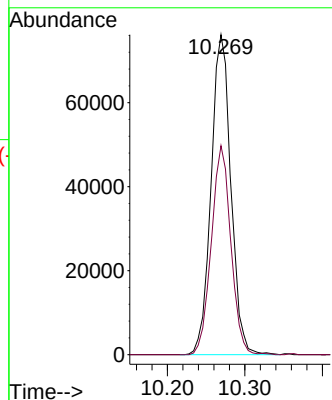
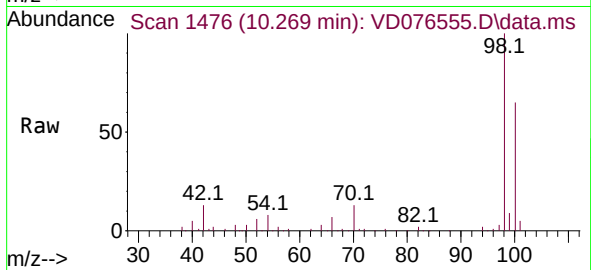




#50
Toluene-d8
Concen: 64.691 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076555.D
Acq: 23 Jun 2023 13:35

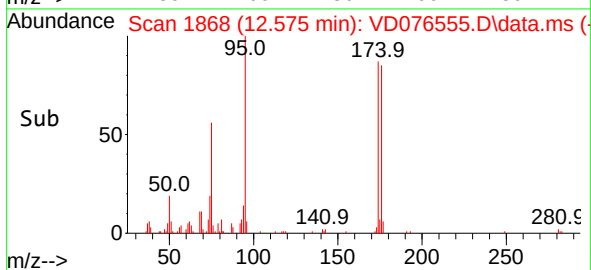
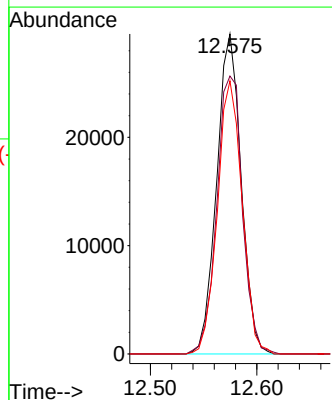
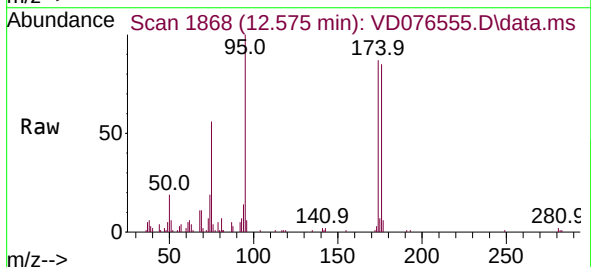
Instrument :
MSVOA_D
ClientSampleId :
BU-3-062023RE

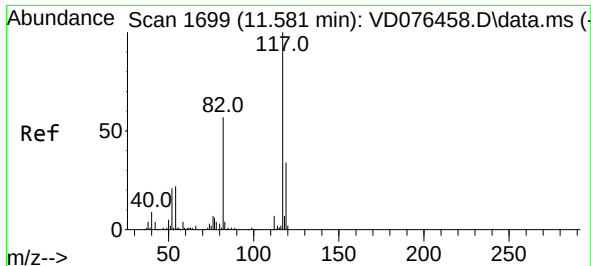
Tgt Ion: 98 Resp: 134964
Ion Ratio Lower Upper
98 100
100 64.4 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 69.611 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076555.D
Acq: 23 Jun 2023 13:35

Tgt Ion: 95 Resp: 47133
Ion Ratio Lower Upper
95 100
174 91.3 0.0 201.8
176 86.2 0.0 191.8

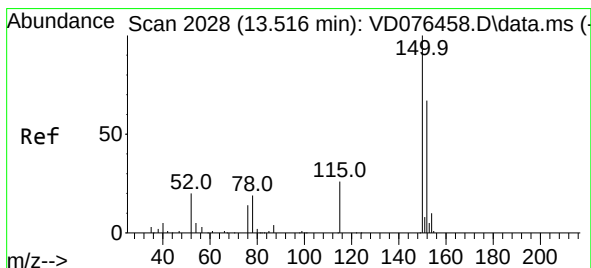
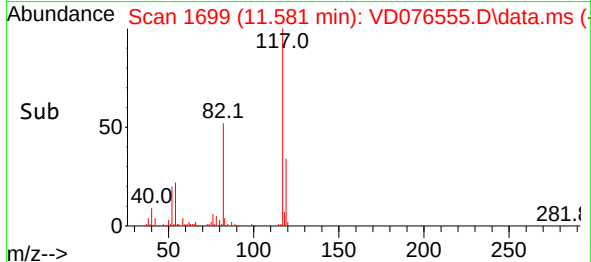
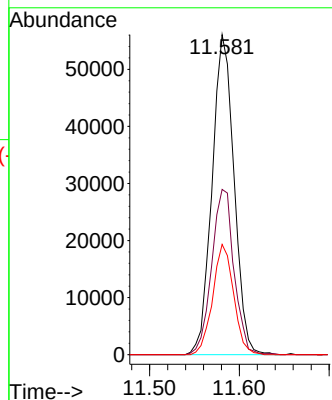
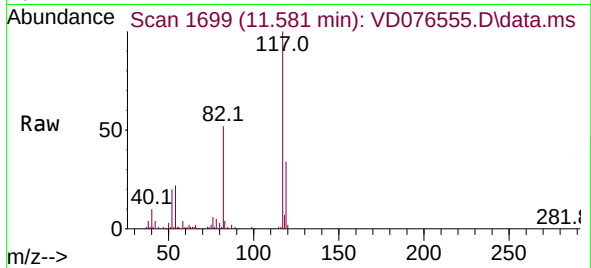




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076555.D
Acq: 23 Jun 2023 13:35

Instrument :
MSVOA_D
ClientSampleId :
BU-3-062023RE

Tgt Ion:117 Resp: 95410
Ion Ratio Lower Upper
117 100
82 51.6 38.3 57.5
119 34.4 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD076555.D
Acq: 23 Jun 2023 13:35

Tgt Ion:152 Resp: 47125
Ion Ratio Lower Upper
152 100
115 55.1 27.1 81.3
150 152.9 0.0 353.6

