

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071223\
 Data File : VD076730.D
 Acq On : 12 Jul 2023 13:29
 Operator : KP/SY
 Sample : 03570-01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-03-071023

Quant Time: Jul 12 13:44:27 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	32922	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	78425	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	90281	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	45884	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	31167	94.488	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	188.980%#
35) Dibromofluoromethane	7.805	113	30907	66.339	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	132.680%
50) Toluene-d8	10.269	98	104090	58.911	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	117.820%
62) 4-Bromofluorobenzene	12.575	95	39892	69.567	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	139.140%

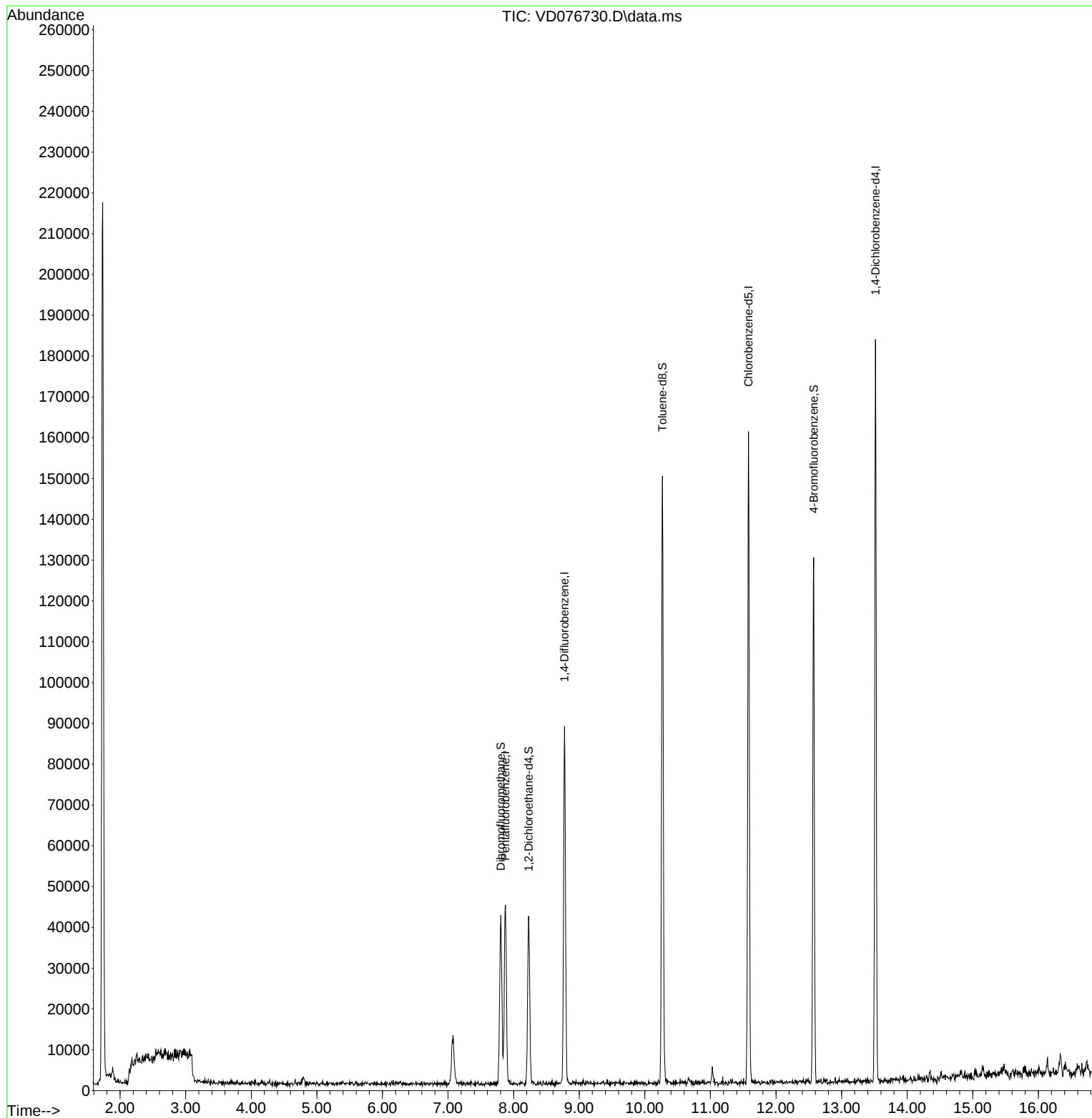
Target Compounds	Qvalue

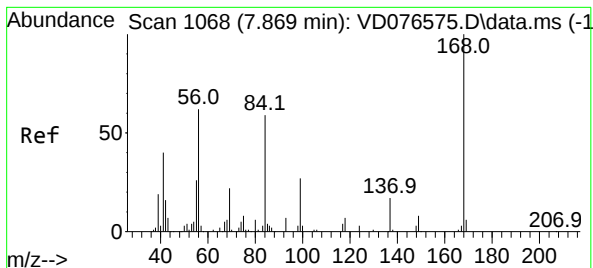
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071223\
Data File : VD076730.D
Acq On : 12 Jul 2023 13:29
Operator : KP/SY
Sample : 03570-01
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EO-03-071023

Quant Time: Jul 12 13:44:27 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1106

Delta R.T. 0.000 min

Lab File: VD076730.D

Acq: 12 Jul 2023 13:29

Instrument :

MSVOA_D

ClientSampleId :

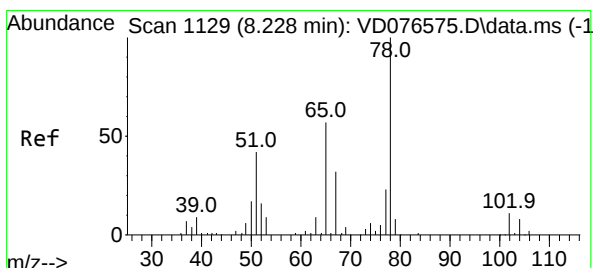
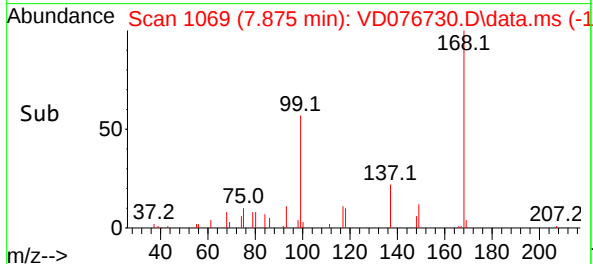
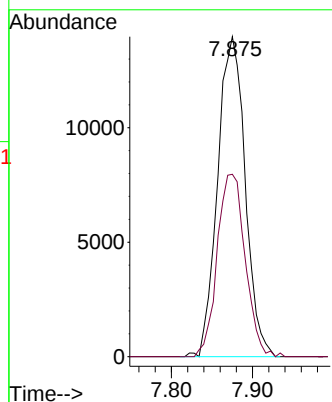
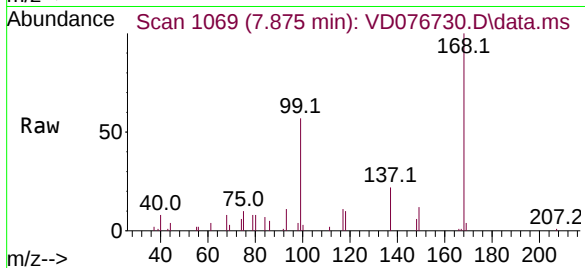
EO-03-071023

Tgt Ion:168 Resp: 32922

Ion Ratio Lower Upper

168 100

99 57.0 36.7 55.1#



#33

1,2-Dichloroethane-d4

Concen: 94.488 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD076730.D

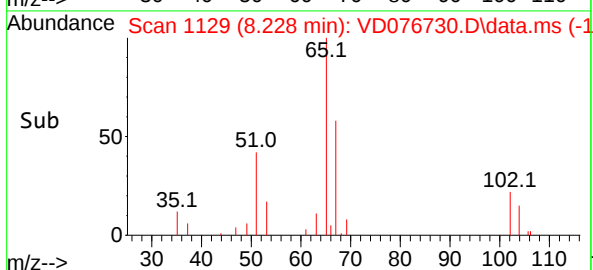
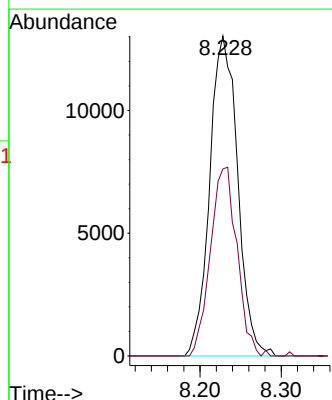
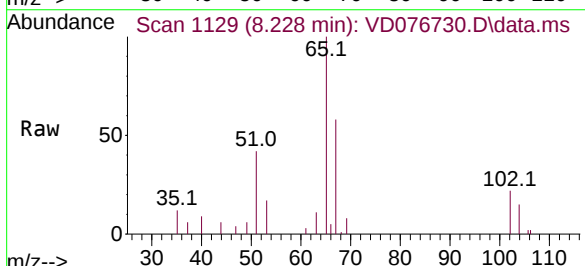
Acq: 12 Jul 2023 13:29

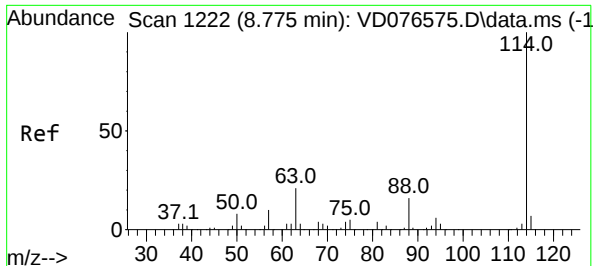
Tgt Ion: 65 Resp: 31167

Ion Ratio Lower Upper

65 100

67 56.2 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD076730.D

Acq: 12 Jul 2023 13:29

Instrument :

MSVOA_D

ClientSampleId :

EO-03-071023

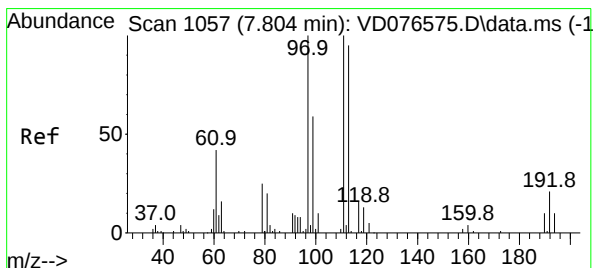
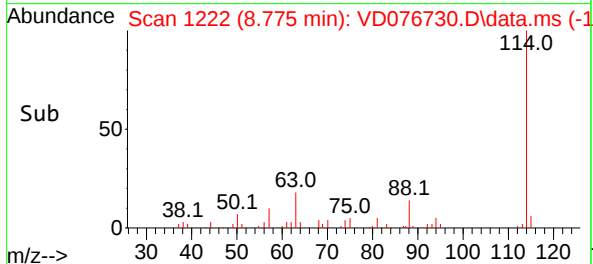
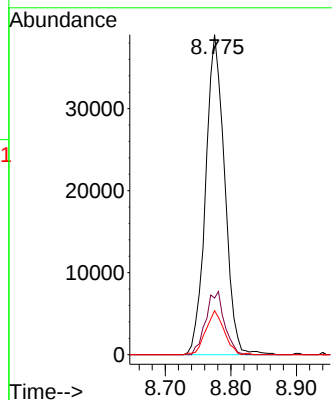
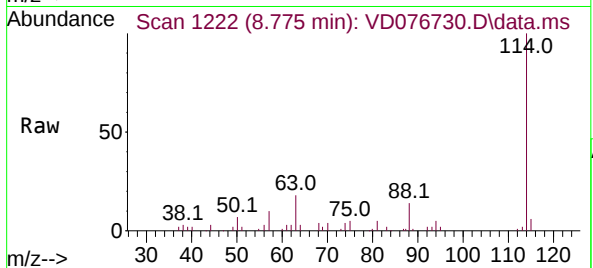
Tgt Ion:114 Resp: 78425

Ion Ratio Lower Upper

114 100

63 17.7 0.0 33.4

88 13.7 0.0 26.2



#35

Dibromofluoromethane

Concen: 66.339 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD076730.D

Acq: 12 Jul 2023 13:29

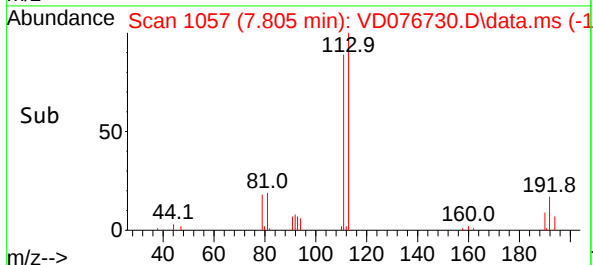
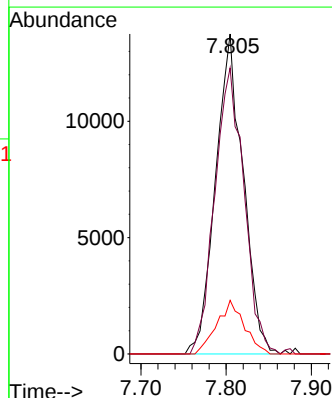
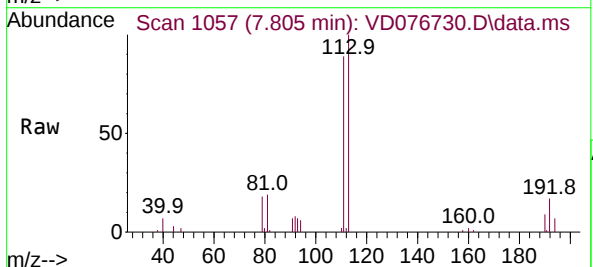
Tgt Ion:113 Resp: 30907

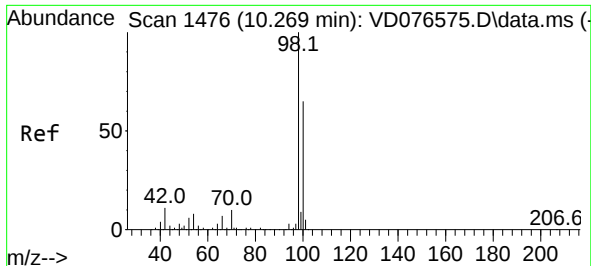
Ion Ratio Lower Upper

113 100

111 94.6 84.7 127.1

192 16.7 16.8 25.2#

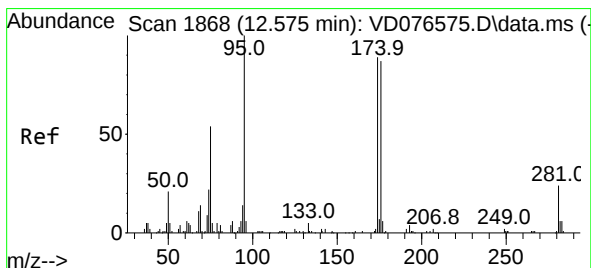
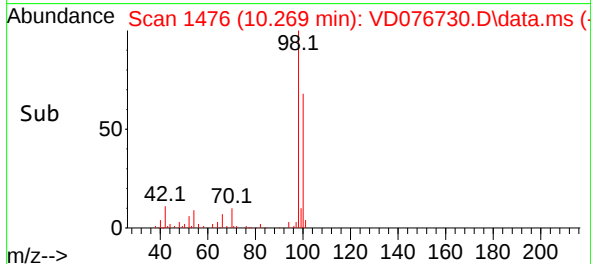
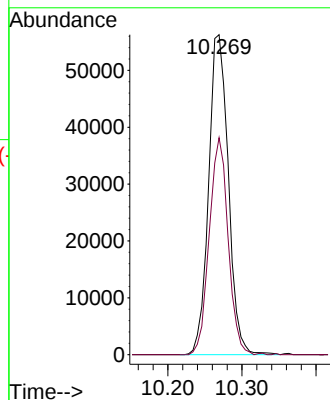
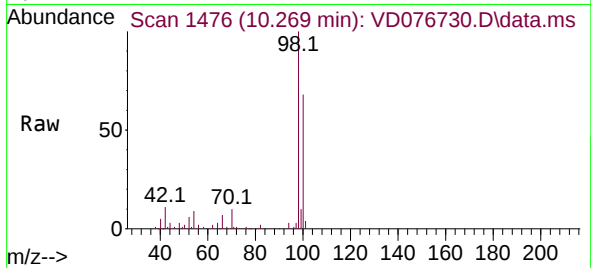




#50
Toluene-d8
Concen: 58.911 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076730.D
Acq: 12 Jul 2023 13:29

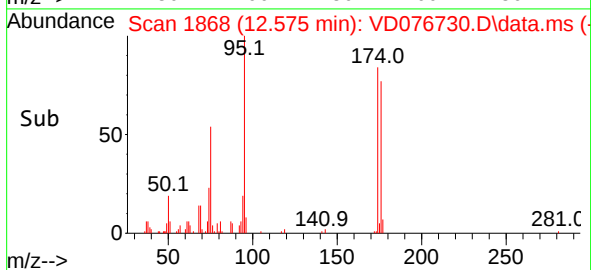
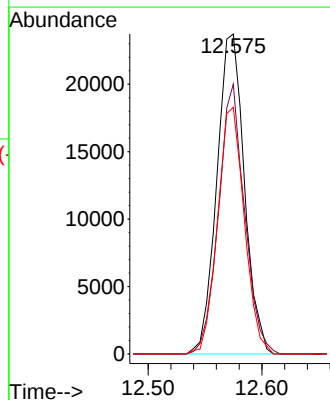
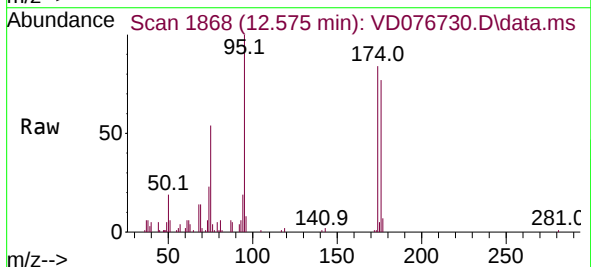
Instrument :
MSVOA_D
ClientSampleId :
EO-03-071023

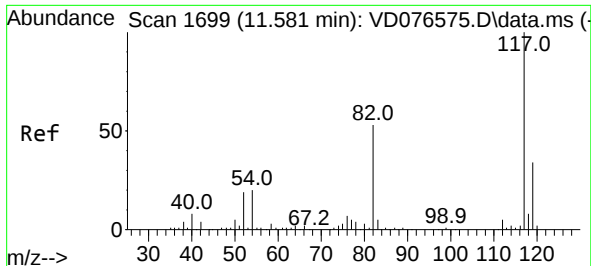
Tgt Ion: 98 Resp: 104090
Ion Ratio Lower Upper
98 100
100 64.8 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 69.567 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD076730.D
Acq: 12 Jul 2023 13:29

Tgt Ion: 95 Resp: 39892
Ion Ratio Lower Upper
95 100
174 79.6 0.0 201.8
176 74.7 0.0 191.8

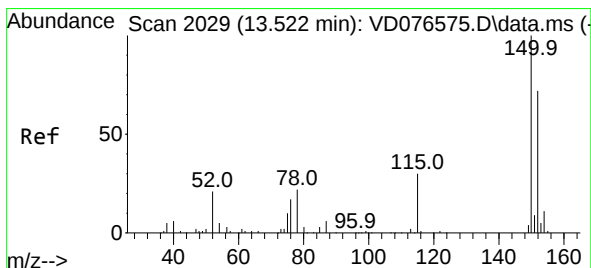
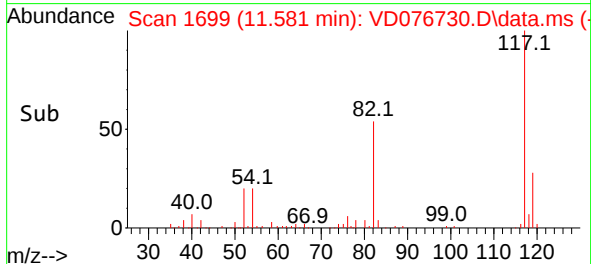
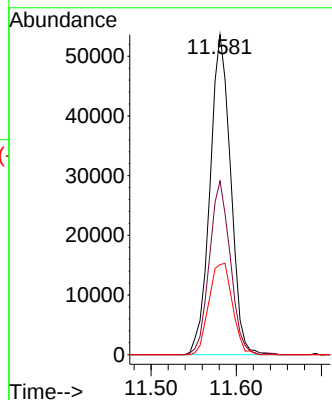
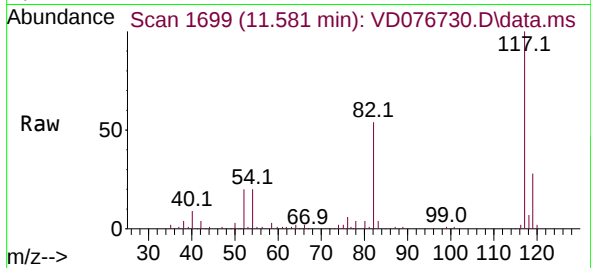




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076730.D
Acq: 12 Jul 2023 13:29

Instrument :
MSVOA_D
ClientSampleId :
EO-03-071023

Tgt Ion:117 Resp: 90281
Ion Ratio Lower Upper
117 100
82 54.3 38.3 57.5
119 28.2 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD076730.D
Acq: 12 Jul 2023 13:29

Tgt Ion:152 Resp: 45884
Ion Ratio Lower Upper
152 100
115 61.0 27.1 81.3
150 156.5 0.0 353.6

