

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061923\
 Data File : VD076476.D
 Acq On : 19 Jun 2023 18:14
 Operator : KP/SY
 Sample : 03289-07
 Misc : 5.01G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-03-0-2.0

Quant Time: Jun 20 05:27:35 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	3911	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	7307	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	6459	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	3049	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.240	65	3084	78.704	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	157.400%
35) Dibromofluoromethane	7.799	113	2800	64.503	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	129.000%
50) Toluene-d8	10.269	98	7417	45.054	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.100%
62) 4-Bromofluorobenzene	12.575	95	3050	57.086	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	114.180%

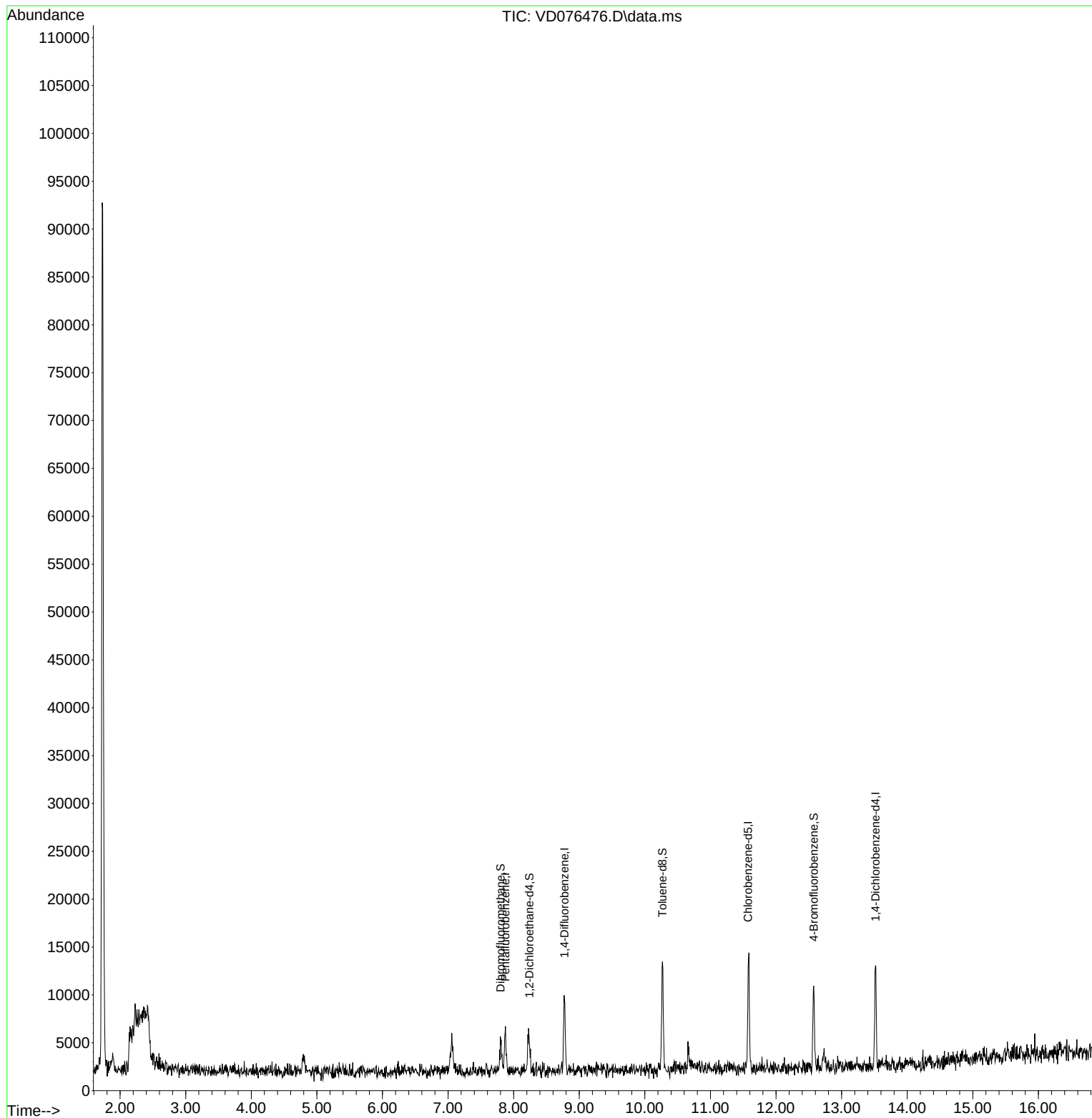
Target Compounds	Qvalue

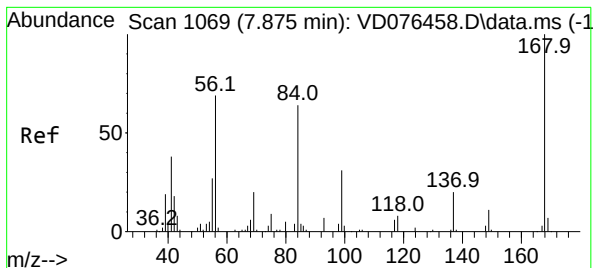
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061923\
Data File : VD076476.D
Acq On : 19 Jun 2023 18:14
Operator : KP/SY
Sample : 03289-07
Misc : 5.01G/5.0ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB-03-0-2.0

Quant Time: Jun 20 05:27:35 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

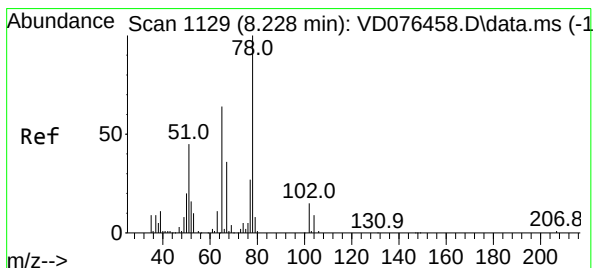
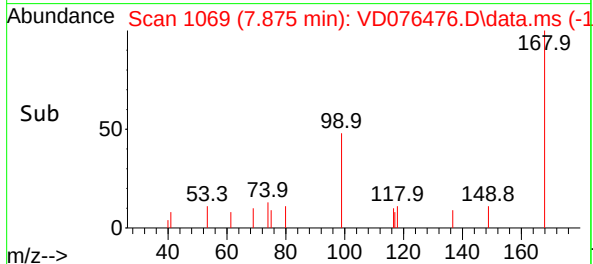
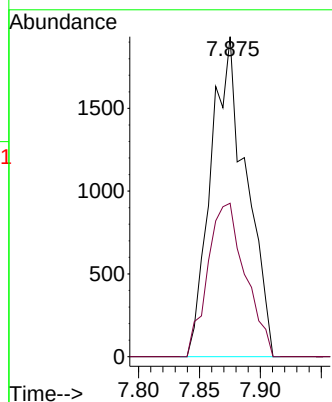
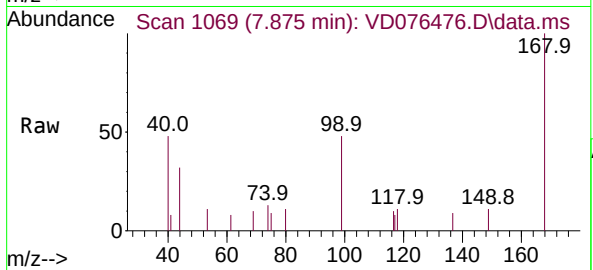




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076476.D
Acq: 19 Jun 2023 18:14

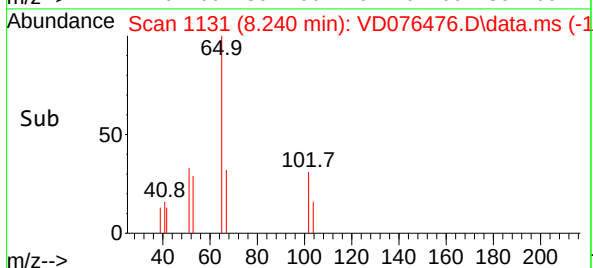
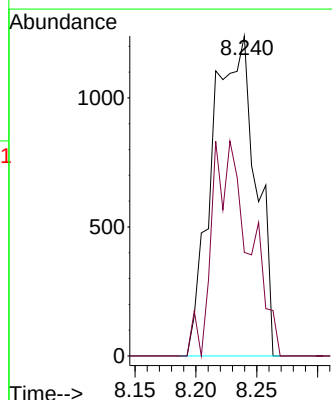
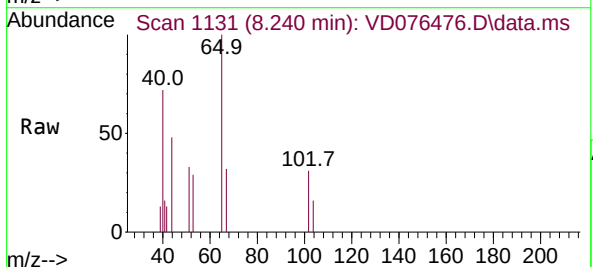
Instrument :
MSVOA_D
ClientSampleId :
SB-03-0-2.0

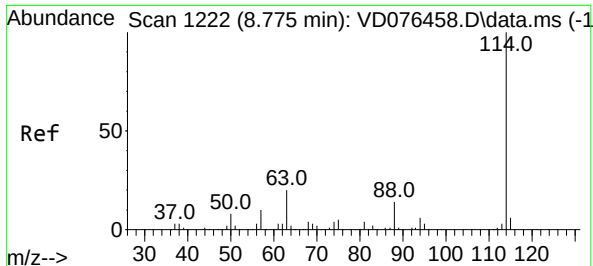
Tgt Ion:168 Resp: 3911
Ion Ratio Lower Upper
168 100
99 48.0 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 78.704 ug/l
RT: 8.240 min Scan# 1131
Delta R.T. 0.012 min
Lab File: VD076476.D
Acq: 19 Jun 2023 18:14

Tgt Ion: 65 Resp: 3084
Ion Ratio Lower Upper
65 100
67 57.9 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: VD076476.D

Acq: 19 Jun 2023 18:14

Instrument :

MSVOA_D

ClientSampleId :

SB-03-0-2.0

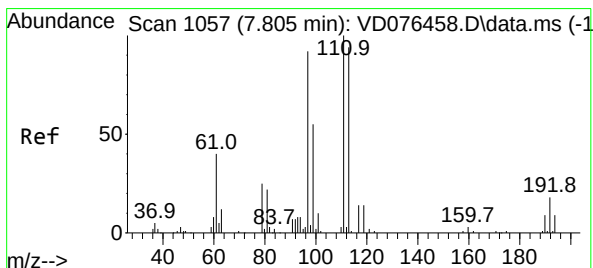
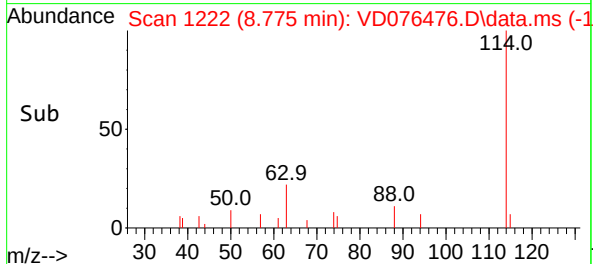
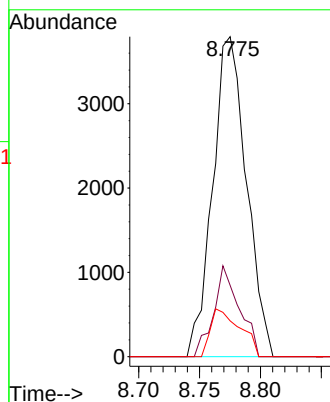
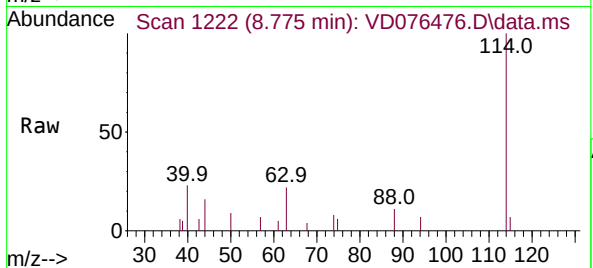
Tgt Ion:114 Resp: 7307

Ion Ratio Lower Upper

114 100

63 22.3 0.0 33.4

88 11.2 0.0 26.2



#35

Dibromofluoromethane

Concen: 64.503 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VD076476.D

Acq: 19 Jun 2023 18:14

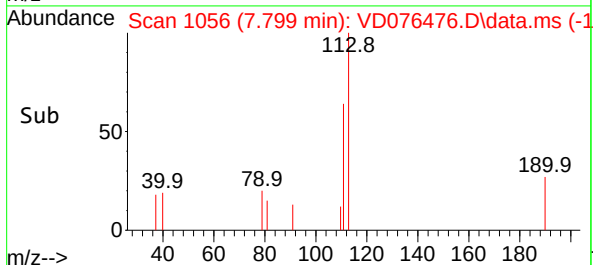
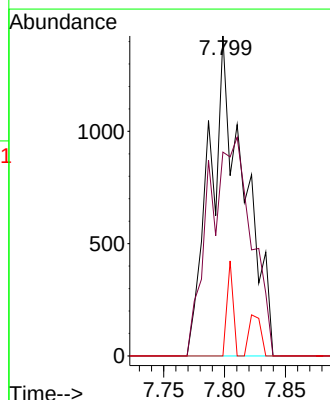
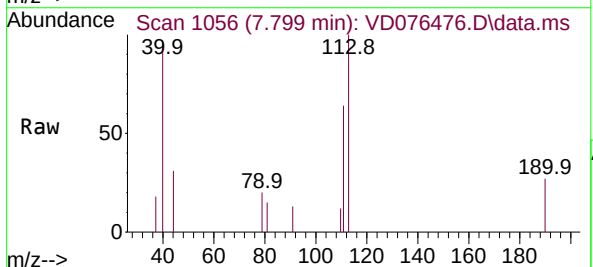
Tgt Ion:113 Resp: 2800

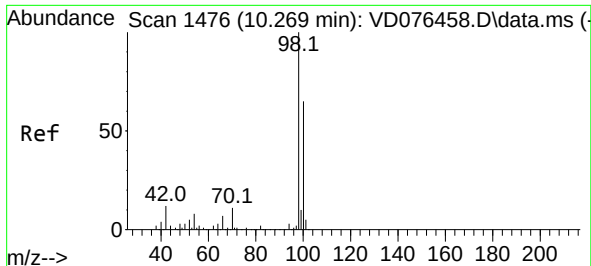
Ion Ratio Lower Upper

113 100

111 84.7 84.7 127.1#

192 5.3 16.8 25.2#

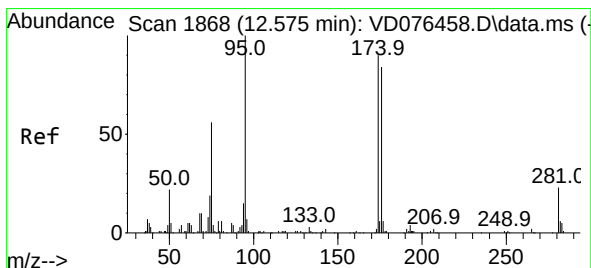
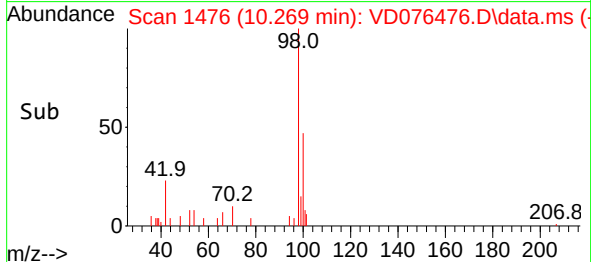
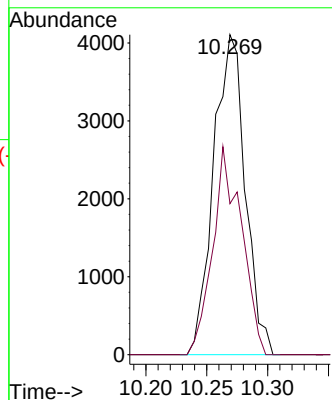
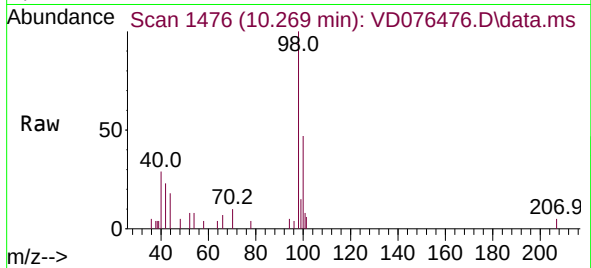




#50
Toluene-d8
Concen: 45.054 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076476.D
Acq: 19 Jun 2023 18:14

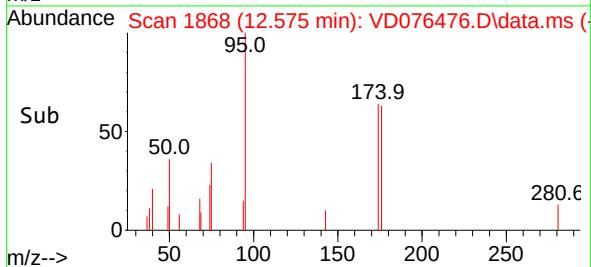
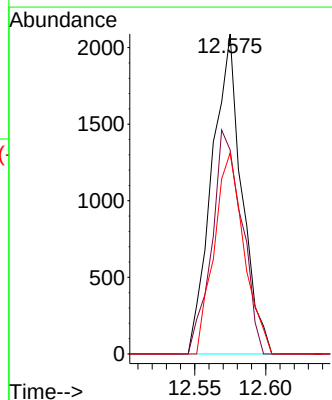
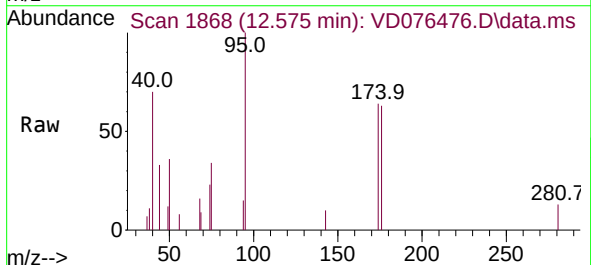
Instrument :
MSVOA_D
ClientSampleId :
SB-03-0-2.0

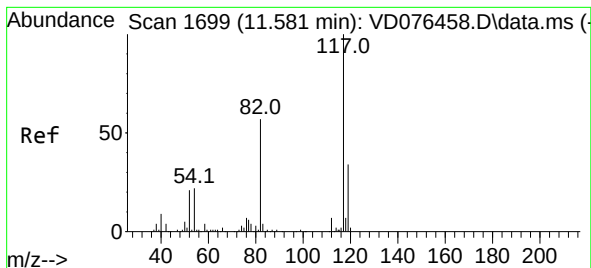
Tgt Ion: 98 Resp: 7417
Ion Ratio Lower Upper
98 100
100 59.3 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 57.086 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076476.D
Acq: 19 Jun 2023 18:14

Tgt Ion: 95 Resp: 3050
Ion Ratio Lower Upper
95 100
174 70.2 0.0 201.8
176 63.0 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.575 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD076476.D

Acq: 19 Jun 2023 18:14

Instrument :

MSVOA_D

ClientSampleId :

SB-03-0-2.0

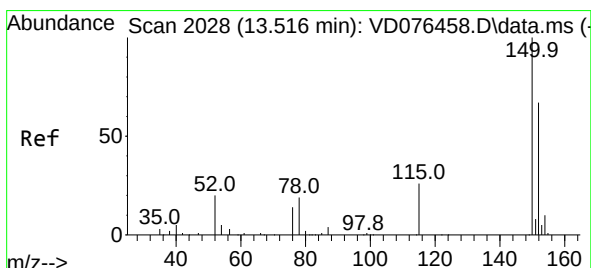
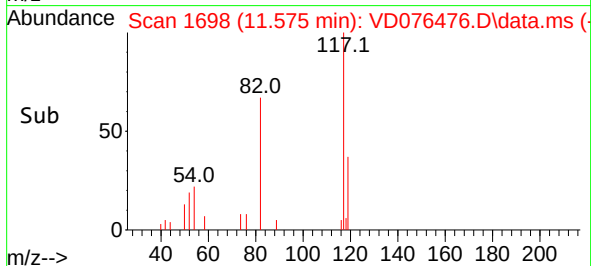
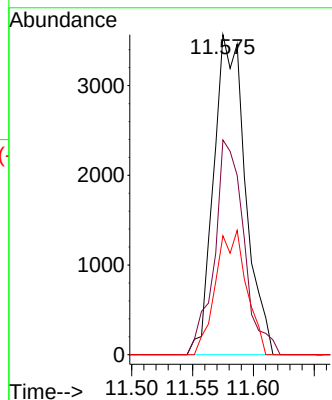
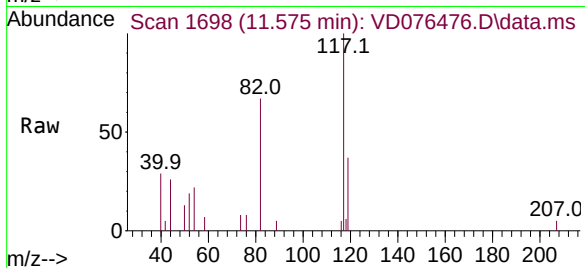
Tgt Ion:117 Resp: 6459

Ion Ratio Lower Upper

117 100

82 67.1 38.3 57.5#

119 37.1 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: VD076476.D

Acq: 19 Jun 2023 18:14

Tgt Ion:152 Resp: 3049

Ion Ratio Lower Upper

152 100

115 50.1 27.1 81.3

150 154.2 0.0 353.6

