

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052223\
 Data File : VD076183.D
 Acq On : 22 May 2023 18:52
 Operator : KP/SY
 Sample : 02871-02
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ETGI-367

Quant Time: May 23 01:26:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 10:08:53 2023
 Response via : Initial Calibration

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

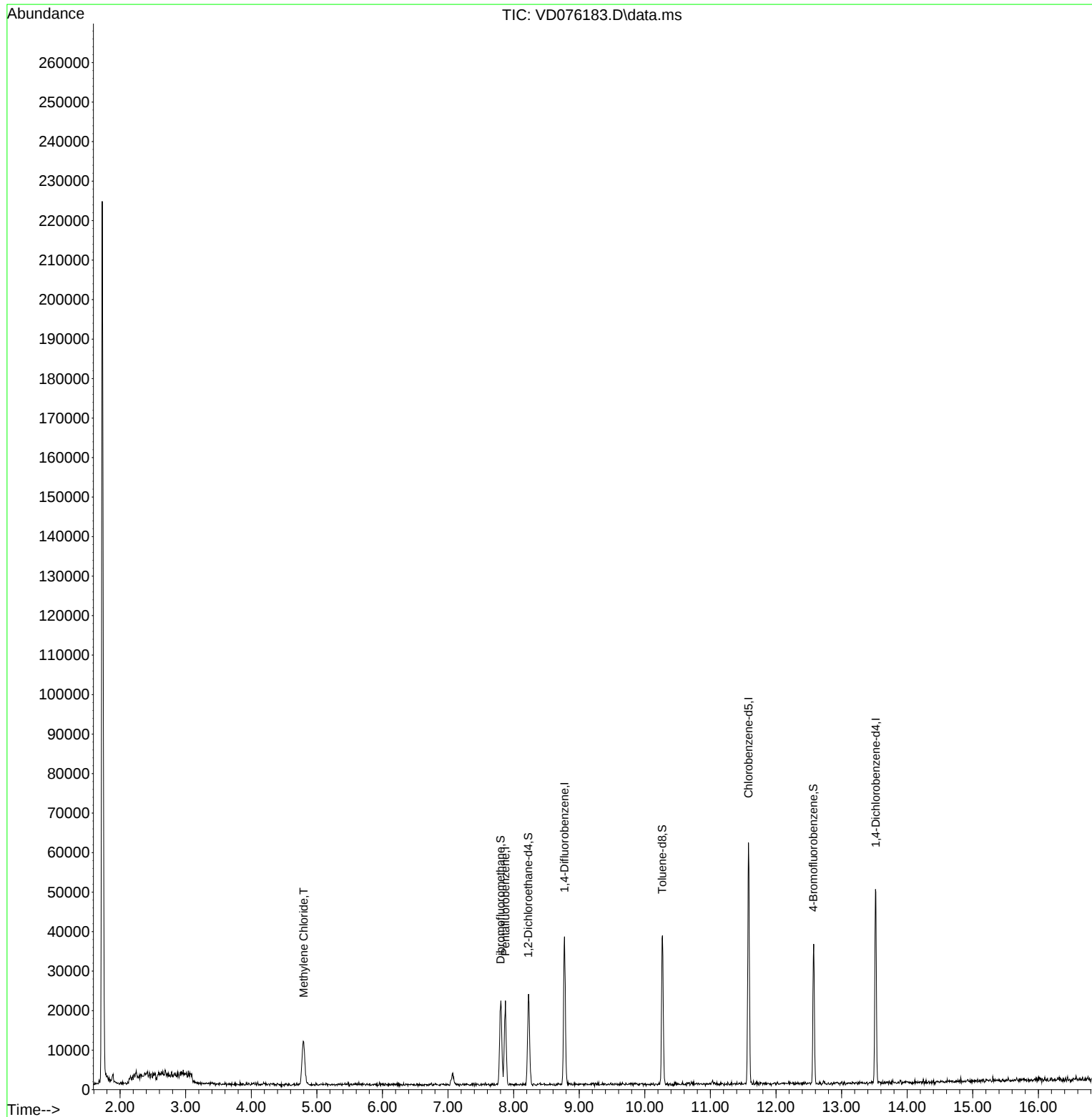
Internal Standards						
1) Pentafluorobenzene	7.875	168	15952	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	36627	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	38441	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	15028	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.222	65	17086	110.824	ug/l	-0.01
Spiked Amount	50.000	Range 50 - 163	Recovery	=	221.640	%#
35) Dibromofluoromethane	7.799	113	16026	63.301	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	126.600	%
50) Toluene-d8	10.263	98	29719	30.113	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	=	60.220	%
62) 4-Bromofluorobenzene	12.569	95	11013	40.171	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	=	80.340	%
Target Compounds						
						Qvalue
20) Methylene Chloride	4.799	84	10251	40.214	ug/l	# 77

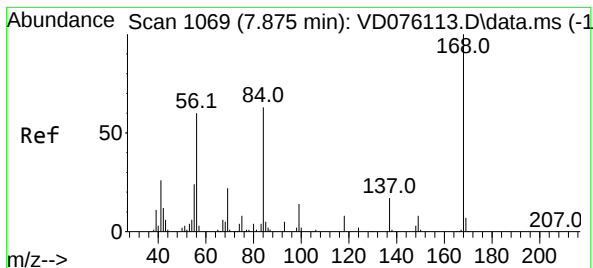
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052223\
Data File : VD076183.D
Acq On : 22 May 2023 18:52
Operator : KP/SY
Sample : 02871-02
Misc : 5.05G/5.00ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
ETGI-367

Quant Time: May 23 01:26:03 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
Quant Title : SW846 8260
QLast Update : Tue May 16 10:08:53 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD076183.D

Acq: 22 May 2023 18:52

Instrument :

MSVOA_D

ClientSampleId :

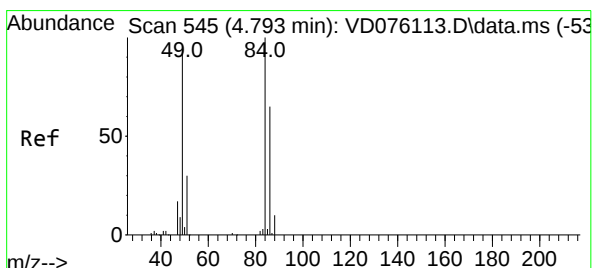
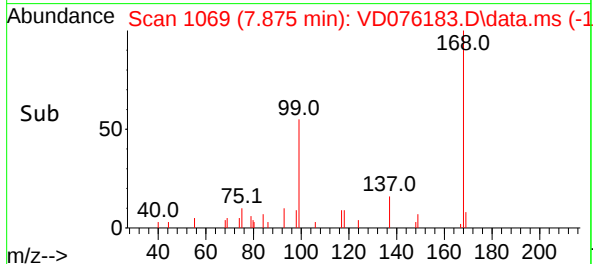
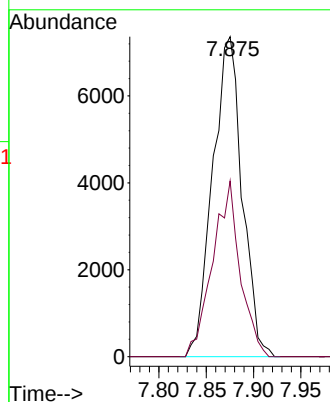
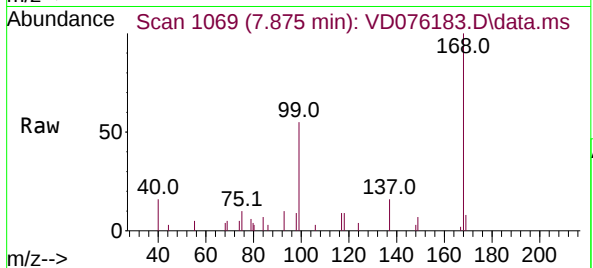
ETGI-367

Tgt Ion:168 Resp: 15952

Ion Ratio Lower Upper

168 100

99 54.9 43.8 65.6



#20

Methylene Chloride

Concen: 40.214 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.000 min

Lab File: VD076183.D

Acq: 22 May 2023 18:52

Tgt Ion: 84 Resp: 10251

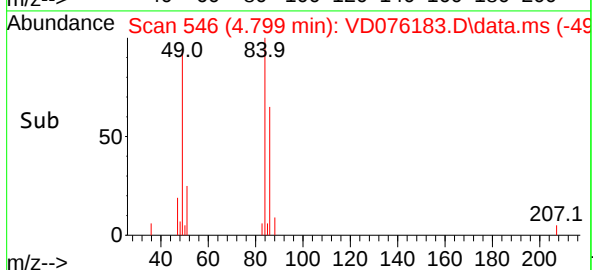
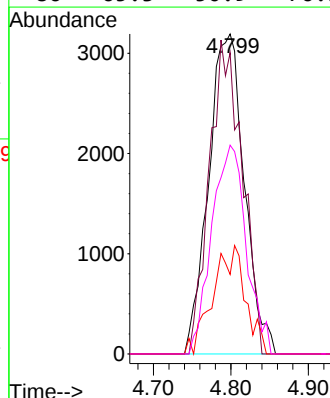
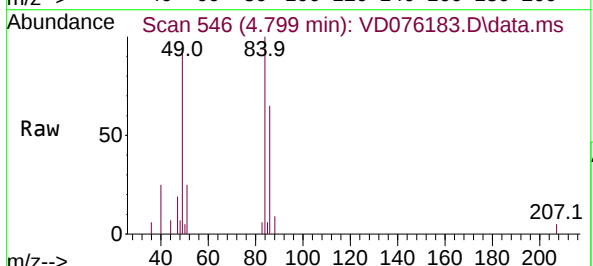
Ion Ratio Lower Upper

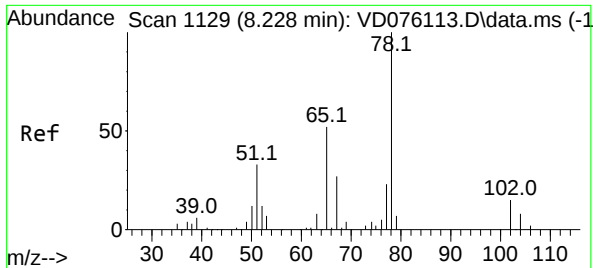
84 100

49 94.1 106.4 159.6#

51 24.8 32.4 48.6#

86 65.3 50.9 76.3





#33

1,2-Dichloroethane-d4

Concen: 110.824 ug/l

RT: 8.222 min Scan# 1128

Delta R.T. -0.012 min

Lab File: VD076183.D

Acq: 22 May 2023 18:52

Instrument :

MSVOA_D

ClientSampleId :

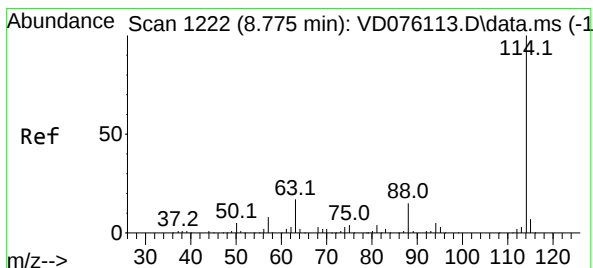
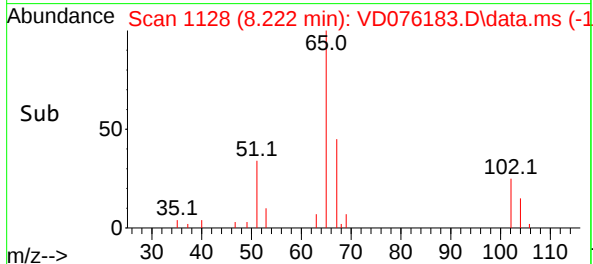
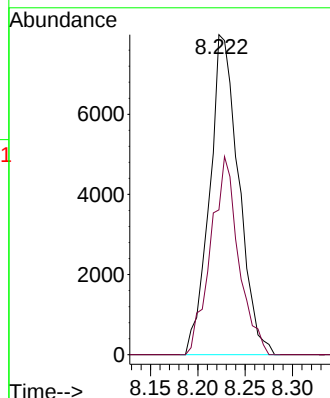
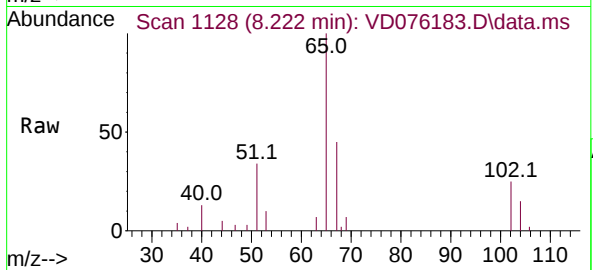
ETGI-367

Tgt Ion: 65 Resp: 17086

Ion Ratio Lower Upper

65 100

67 59.3 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD076183.D

Acq: 22 May 2023 18:52

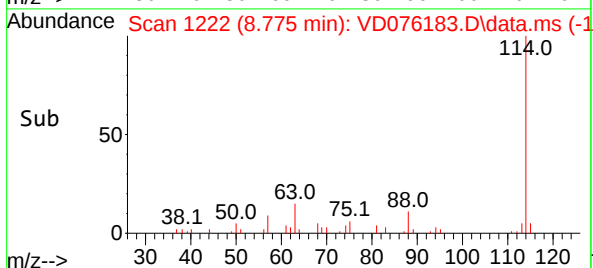
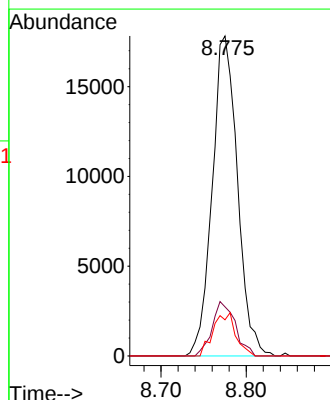
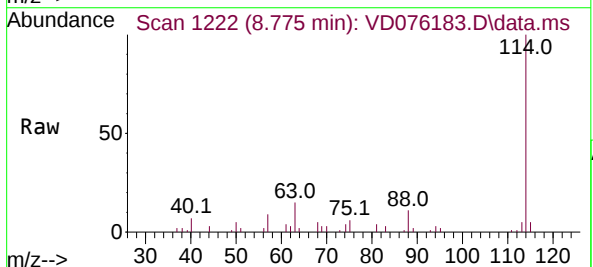
Tgt Ion: 114 Resp: 36627

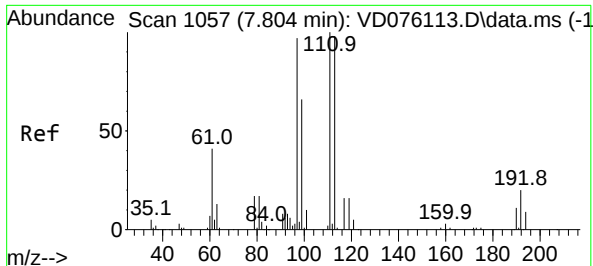
Ion Ratio Lower Upper

114 100

63 15.4 0.0 41.6

88 11.3 0.0 30.6

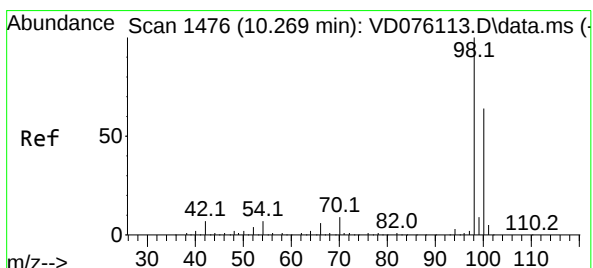
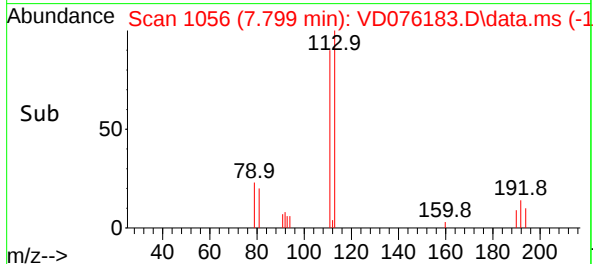
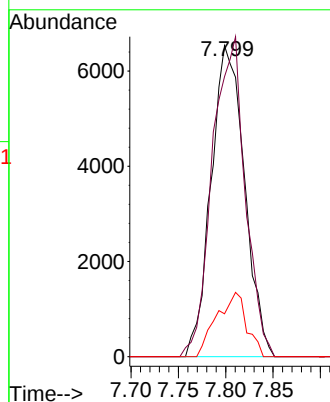
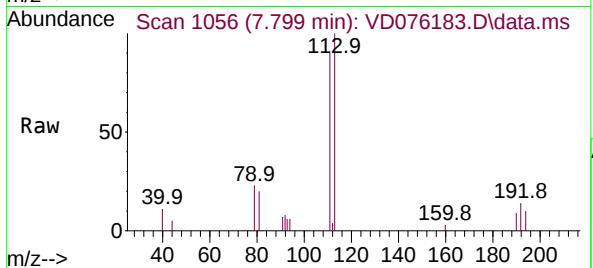




#35
 Dibromofluoromethane
 Concen: 63.301 ug/l
 RT: 7.799 min Scan# 1056
 Delta R.T. -0.006 min
 Lab File: VD076183.D
 Acq: 22 May 2023 18:52

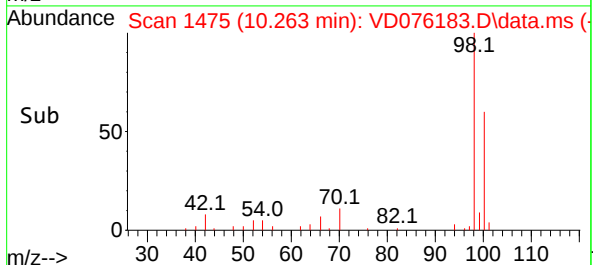
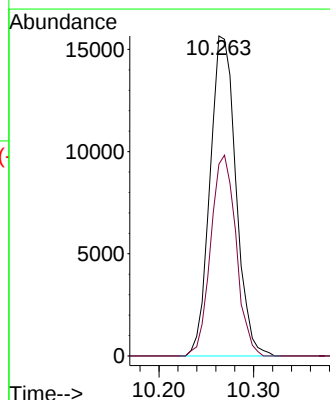
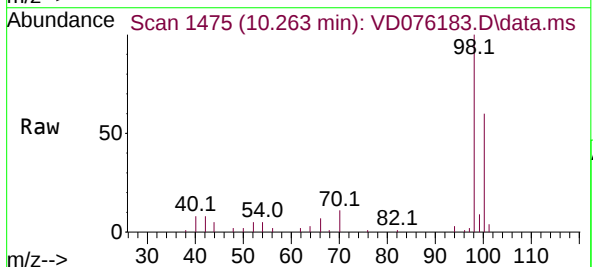
Instrument :
 MSVOA_D
 ClientSampleId :
 ETGI-367

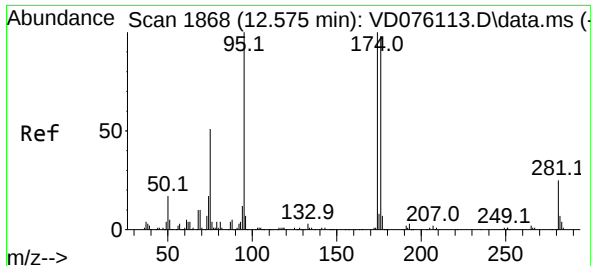
Tgt Ion:113	Resp:	16026
Ion	Ratio	Lower Upper
113	100	
111	100.8	81.4 122.0
192	18.5	15.2 22.8



#50
 Toluene-d8
 Concen: 30.113 ug/l
 RT: 10.263 min Scan# 1475
 Delta R.T. -0.006 min
 Lab File: VD076183.D
 Acq: 22 May 2023 18:52

Tgt Ion: 98	Resp:	29719
Ion	Ratio	Lower Upper
98	100	
100	61.4	52.1 78.1





#62

4-Bromofluorobenzene

Concen: 40.171 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. -0.006 min

Lab File: VD076183.D

Acq: 22 May 2023 18:52

Instrument :

MSVOA_D

ClientSampleId :

ETGI-367

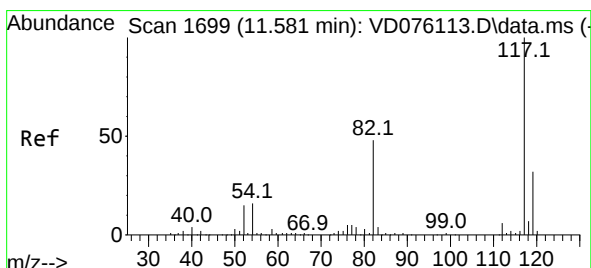
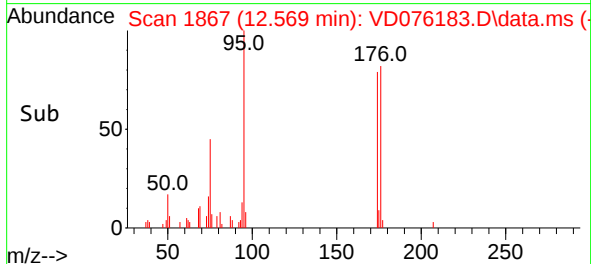
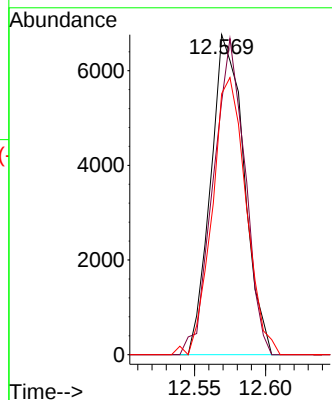
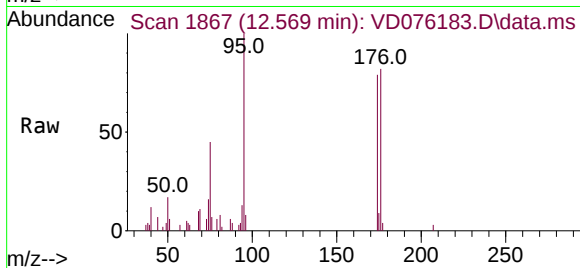
Tgt Ion: 95 Resp: 11013

Ion Ratio Lower Upper

95 100

174 94.0 0.0 164.0

176 88.0 0.0 156.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1699

Delta R.T. -0.000 min

Lab File: VD076183.D

Acq: 22 May 2023 18:52

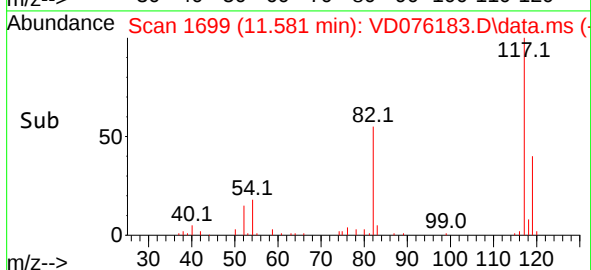
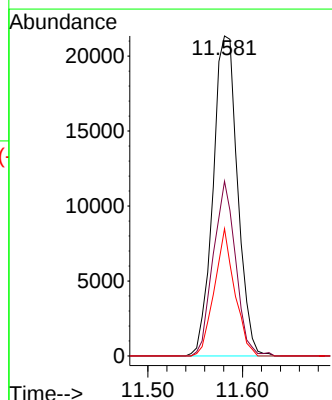
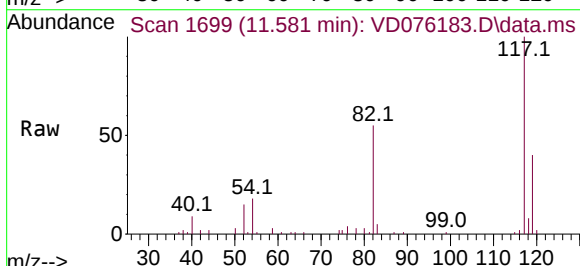
Tgt Ion: 117 Resp: 38441

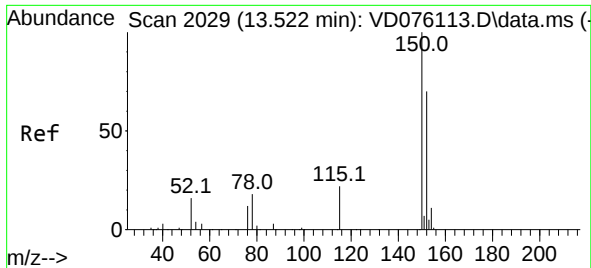
Ion Ratio Lower Upper

117 100

82 54.6 44.0 66.0

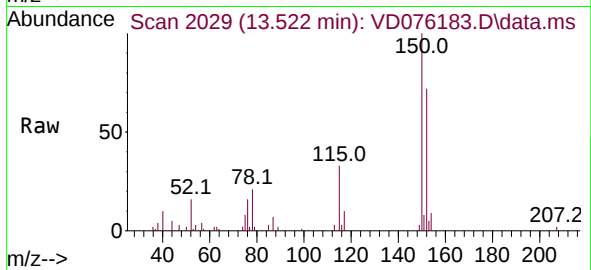
119 39.8 25.1 37.7#





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD076183.D
 Acq: 22 May 2023 18:52

Instrument :
 MSVOA_D
 ClientSampleId :
 ETGI-367



Tgt Ion:	152	Resp:	15028
Ion	Ratio	Lower	Upper
152	100		
115	55.7	30.1	90.3
150	153.4	0.0	364.8

