

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122123\
 Data File : VD078043.D
 Acq On : 22 Dec 2023 01:10
 Operator : RP/MD
 Sample : 05877-06
 Misc : 4.74G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 COM28

Quant Time: Dec 22 05:48:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 14:48:10 2023
 Response via : Initial Calibration

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

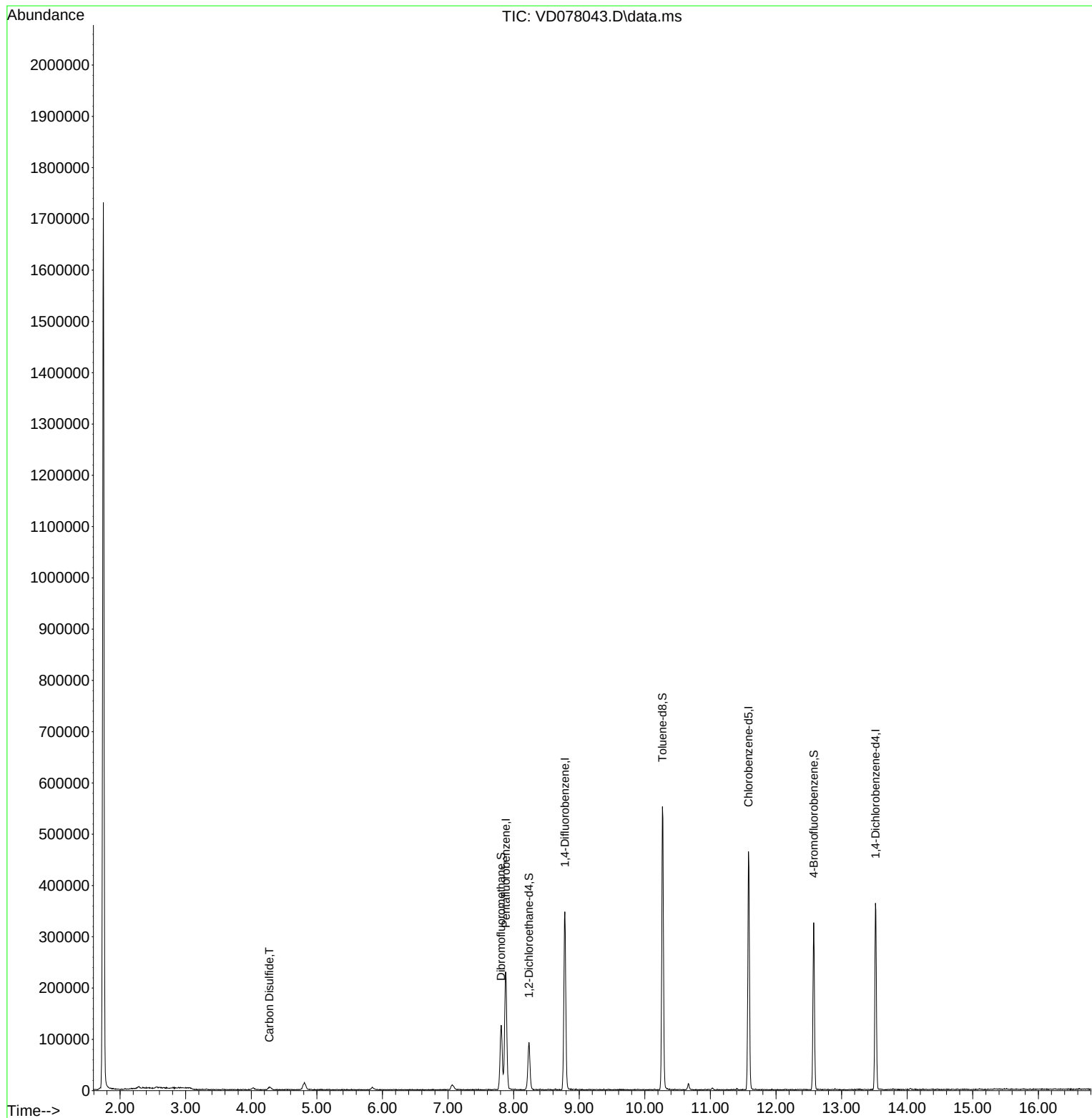
Internal Standards						
1) Pentafluorobenzene	7.881	168	181393	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	313301	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	267921	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	97367	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	70571	33.016	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	66.040%
35) Dibromofluoromethane	7.810	113	88418	40.290	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	80.580%
50) Toluene-d8	10.269	98	388060	44.150	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.300%
62) 4-Bromofluorobenzene	12.575	95	93802	35.695	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	71.400%
Target Compounds						
17) Carbon Disulfide	4.275	76	10819	1.467	ug/l	Qvalue # 90

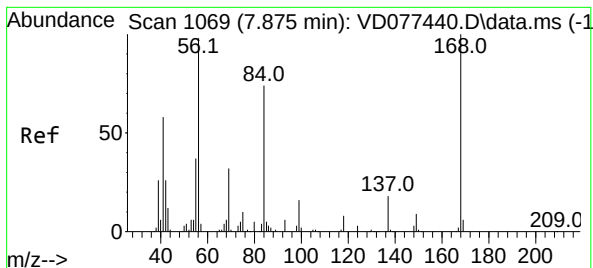
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122123\
Data File : VD078043.D
Acq On : 22 Dec 2023 01:10
Operator : RP/MD
Sample : 05877-06
Misc : 4.74G/5.0ml/MSVOA_D/SOIL/A
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
COM28

Quant Time: Dec 22 05:48:32 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 14 14:48:10 2023
Response via : Initial Calibration

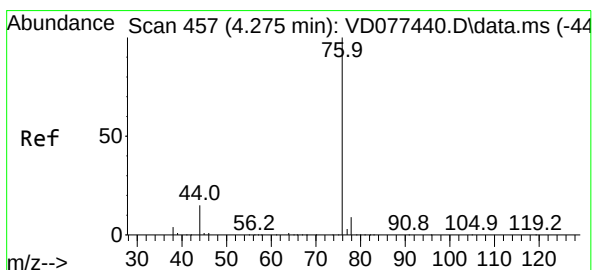
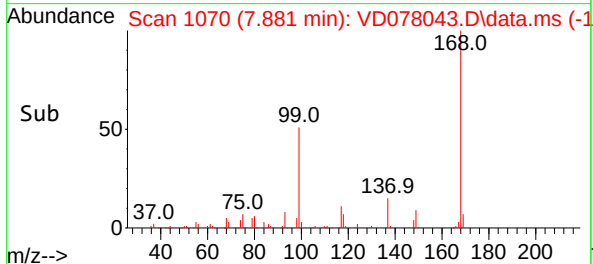
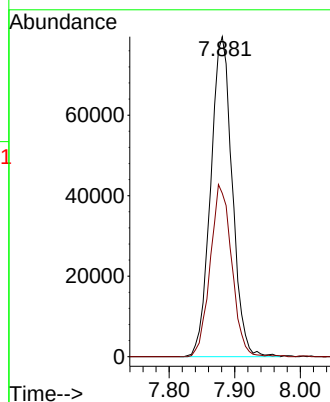
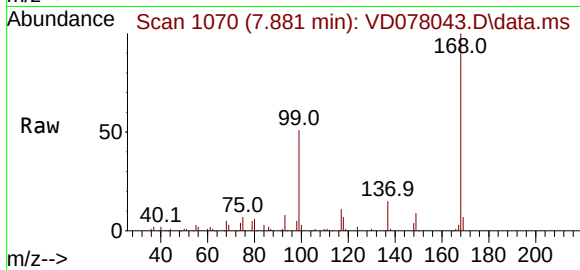




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD078043.D
Acq: 22 Dec 2023 01:10

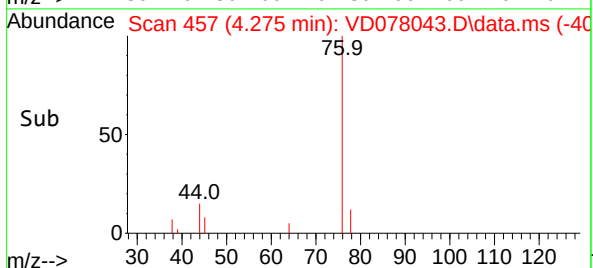
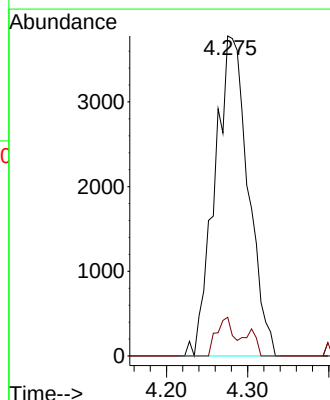
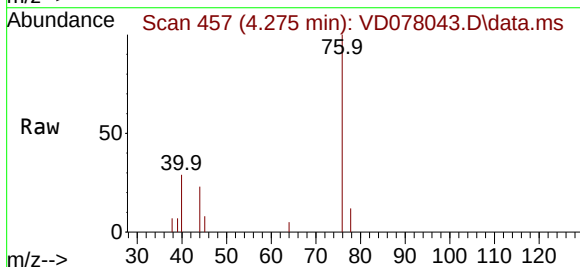
Instrument :
MSVOA_D
ClientSampleId :
COM28

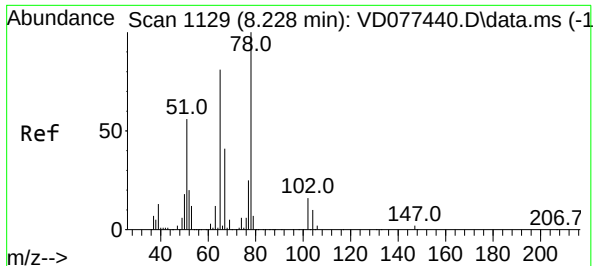
Tgt Ion:168 Resp: 181393
Ion Ratio Lower Upper
168 100
99 51.1 36.7 55.1



#17
Carbon Disulfide
Concen: 1.467 ug/l
RT: 4.275 min Scan# 457
Delta R.T. 0.000 min
Lab File: VD078043.D
Acq: 22 Dec 2023 01:10

Tgt Ion: 76 Resp: 10819
Ion Ratio Lower Upper
76 100
78 12.1 6.8 10.2#





#33

1,2-Dichloroethane-d4

Concen: 33.016 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD078043.D

Acq: 22 Dec 2023 01:10

Instrument :

MSVOA_D

ClientSampleId :

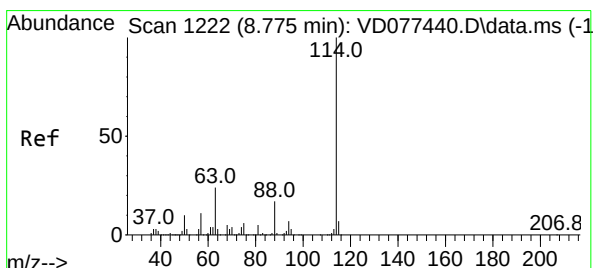
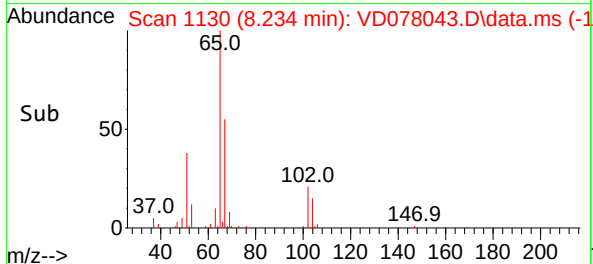
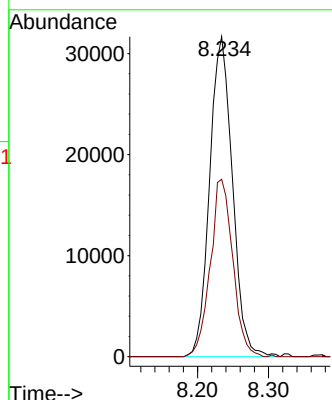
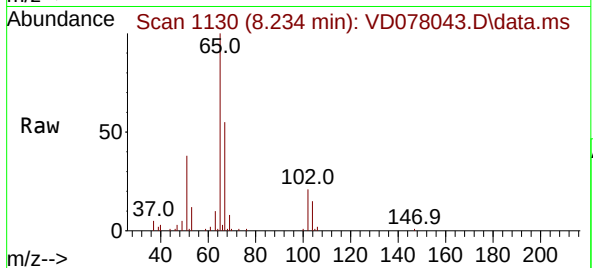
COM28

Tgt Ion: 65 Resp: 70571

Ion Ratio Lower Upper

65 100

67 54.7 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD078043.D

Acq: 22 Dec 2023 01:10

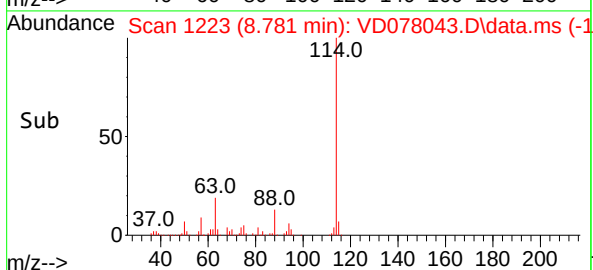
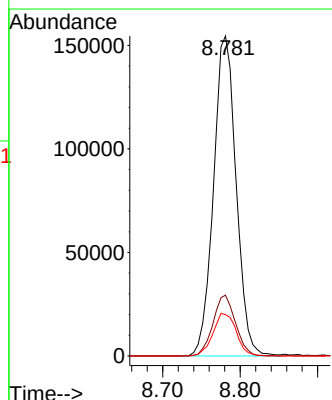
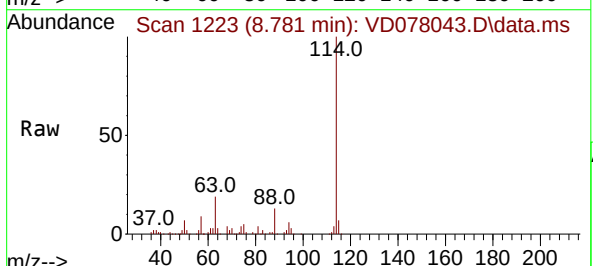
Tgt Ion: 114 Resp: 313301

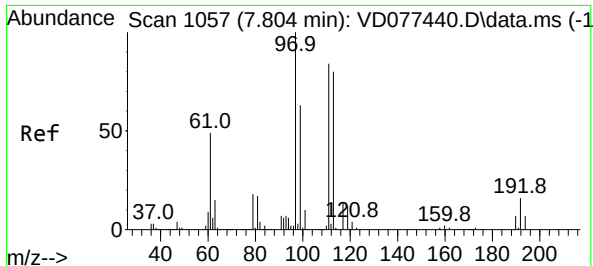
Ion Ratio Lower Upper

114 100

63 19.0 0.0 33.4

88 12.9 0.0 26.2





#35

Dibromofluoromethane

Concen: 40.290 ug/l

RT: 7.810 min Scan# 113

Delta R.T. 0.006 min

Lab File: VD078043.D

Acq: 22 Dec 2023 01:10

Instrument :

MSVOA_D

ClientSampleId :

COM28

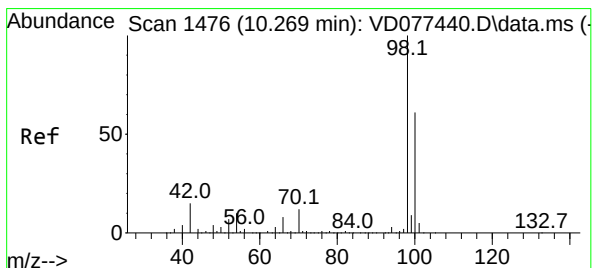
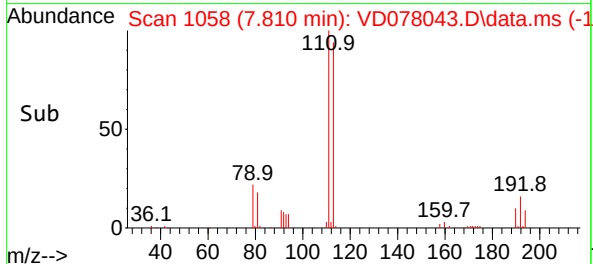
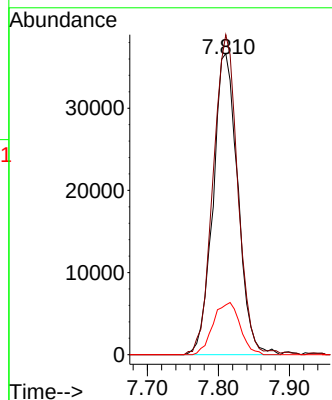
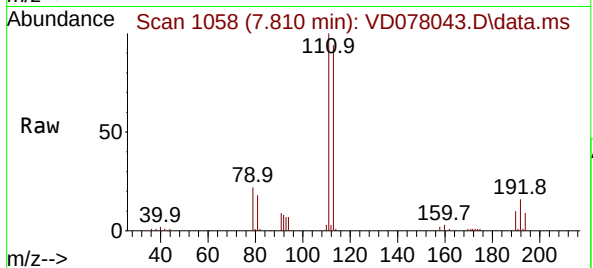
Tgt Ion:113 Resp: 88418

Ion Ratio Lower Upper

113 100

111 106.2 84.7 127.1

192 18.8 16.8 25.2



#50

Toluene-d8

Concen: 44.150 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078043.D

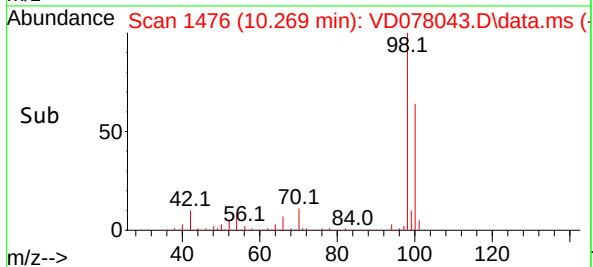
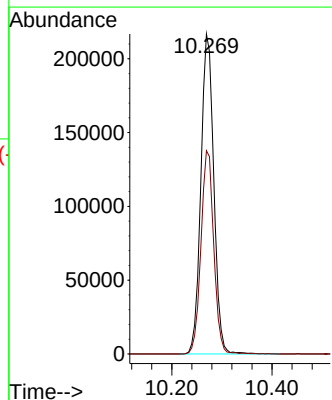
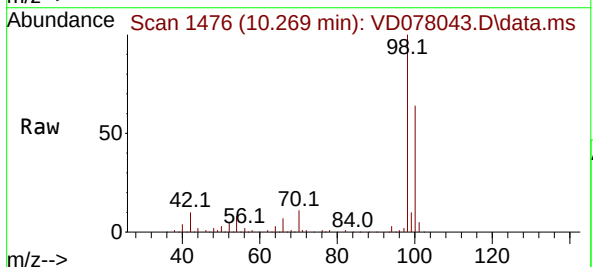
Acq: 22 Dec 2023 01:10

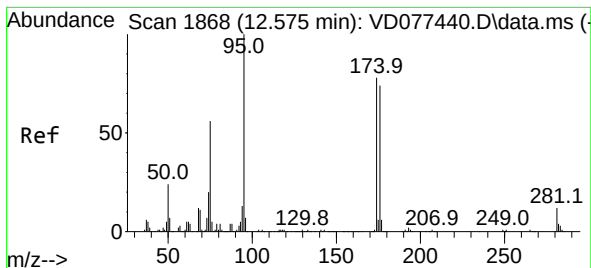
Tgt Ion: 98 Resp: 388060

Ion Ratio Lower Upper

98 100

100 62.9 50.3 75.5

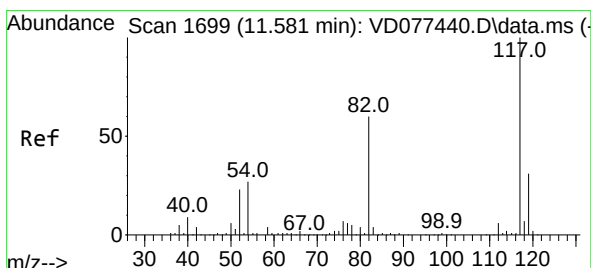
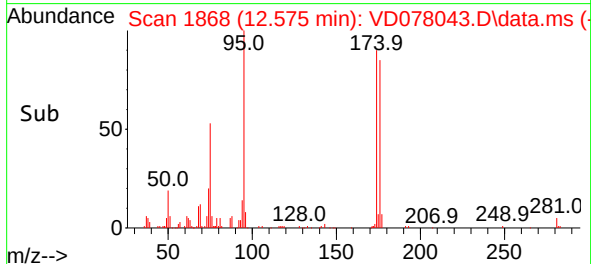
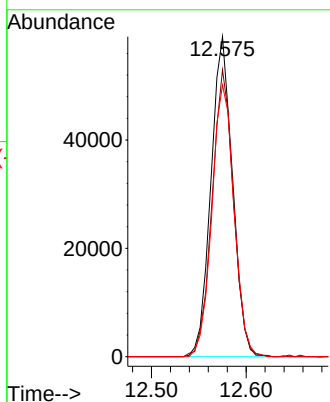
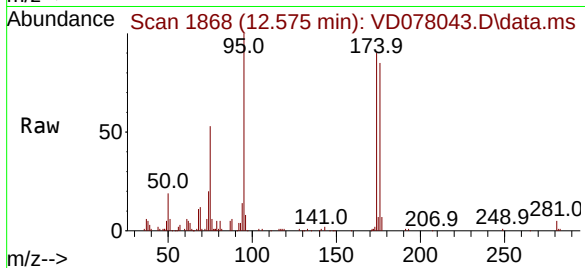




#62
4-Bromofluorobenzene
Concen: 35.695 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078043.D
Acq: 22 Dec 2023 01:10

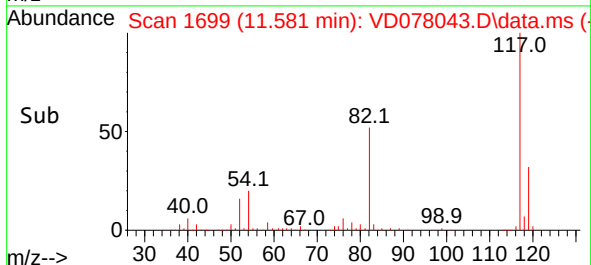
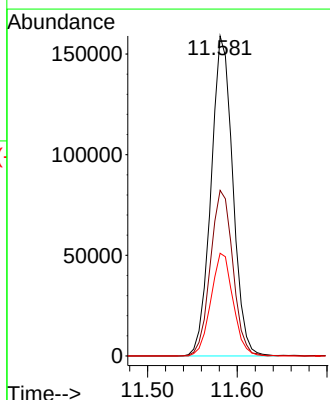
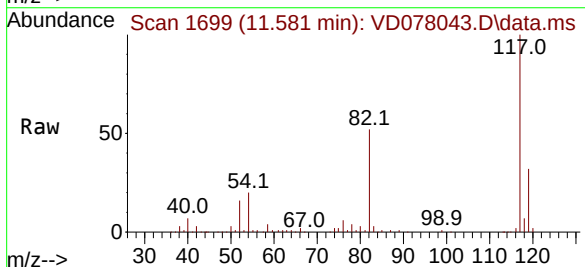
Instrument :
MSVOA_D
ClientSampleId :
COM28

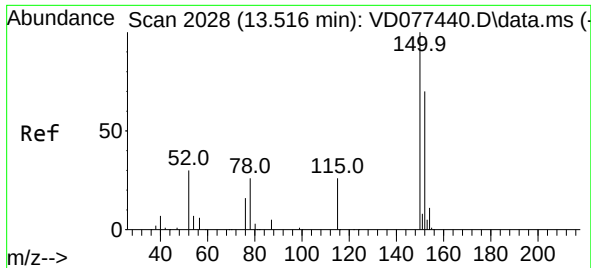
Tgt Ion:	95	Resp:	93802
Ion	Ratio	Lower	Upper
95	100		
174	88.8	0.0	201.8
176	86.8	0.0	191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD078043.D
Acq: 22 Dec 2023 01:10

Tgt Ion:	117	Resp:	267921
Ion	Ratio	Lower	Upper
117	100		
82	51.8	38.3	57.5
119	32.1	25.0	37.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VD078043.D
 Acq: 22 Dec 2023 01:10

Instrument :
 MSVOA_D
 ClientSampleId :
 COM28

Tgt Ion:152 Resp: 97367
 Ion Ratio Lower Upper
 152 100
 115 55.9 27.1 81.3
 150 159.4 0.0 353.6

