

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101722\
 Data File : VD074545.D
 Acq On : 17 Oct 2022 15:27
 Operator : VA/SY
 Sample : N5140-01
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-01-3.5-4.0

Quant Time: Oct 17 23:09:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101122S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 12 13:14:00 2022
 Response via : Initial Calibration

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

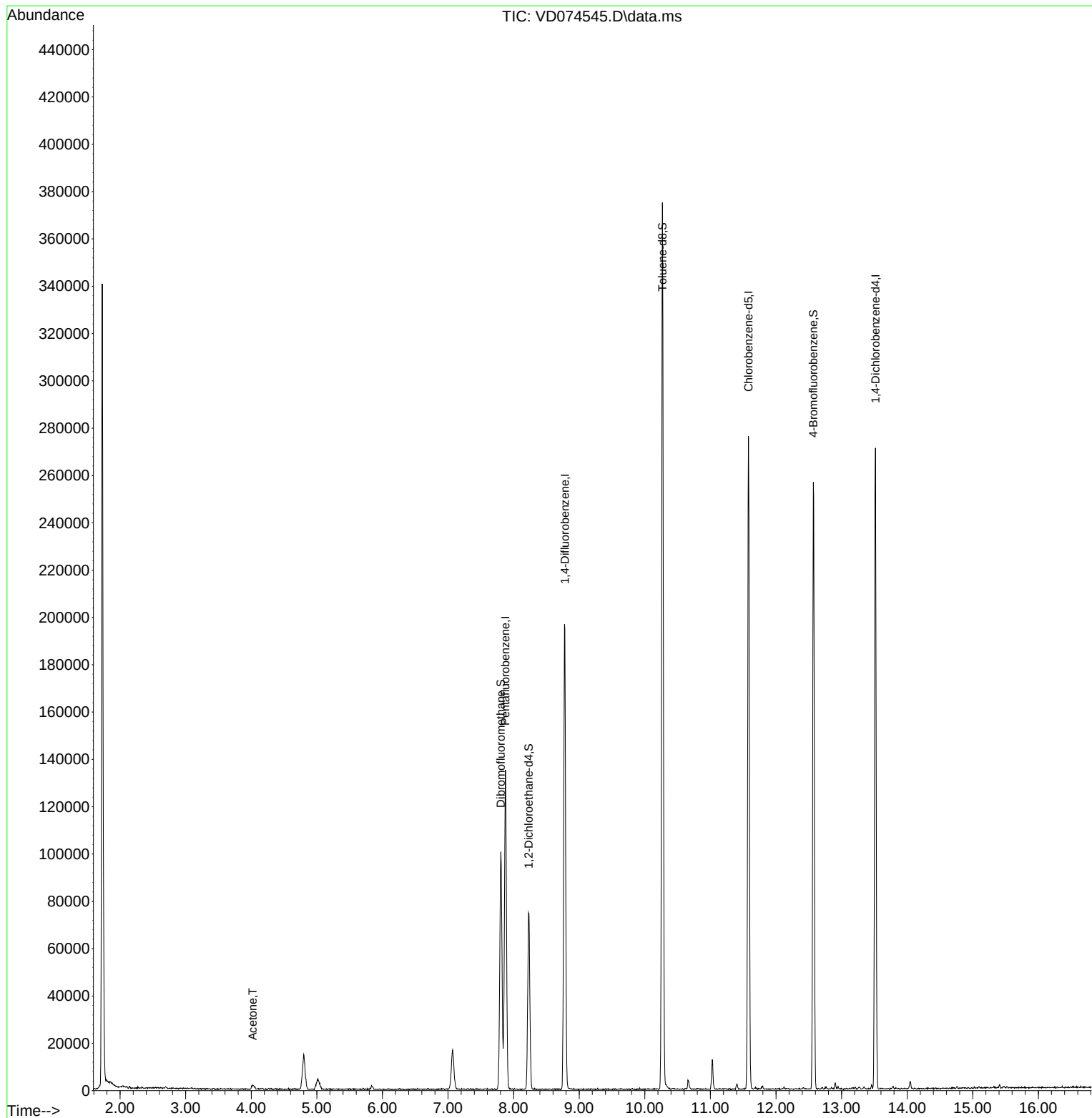
Internal Standards						
1) Pentafluorobenzene	7.875	168	106662	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	189464	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	173593	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	76145	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	59217	64.500	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	129.000%
35) Dibromofluoromethane	7.805	113	72865	64.653	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	129.300%
50) Toluene-d8	10.269	98	269751	61.771	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	123.540%
62) 4-Bromofluorobenzene	12.569	95	78070	59.660	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	119.320%
Target Compounds						Qvalue
16) Acetone	4.022	43	2865	14.467	ug/l	91

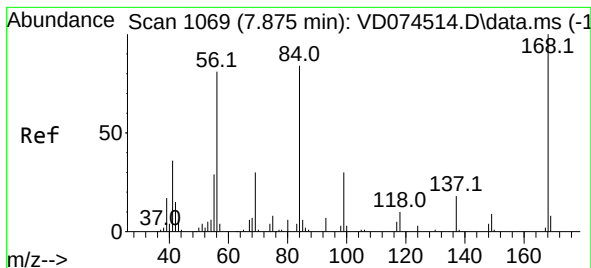
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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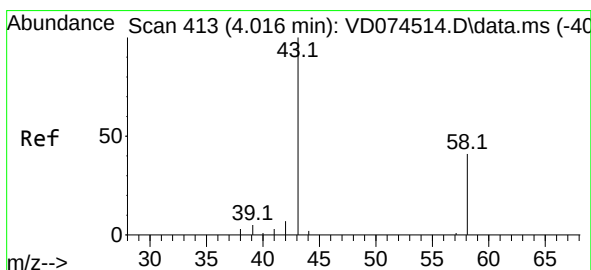
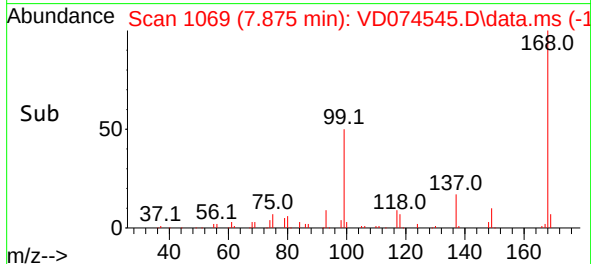
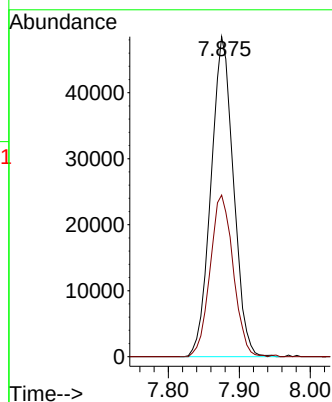
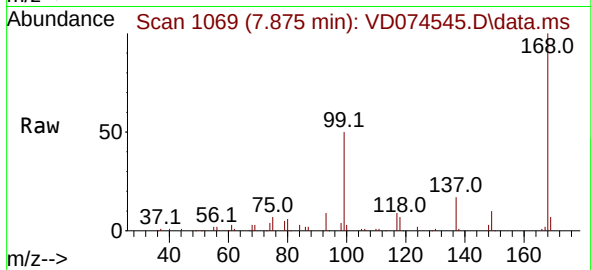




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074545.D
Acq: 17 Oct 2022 15:27

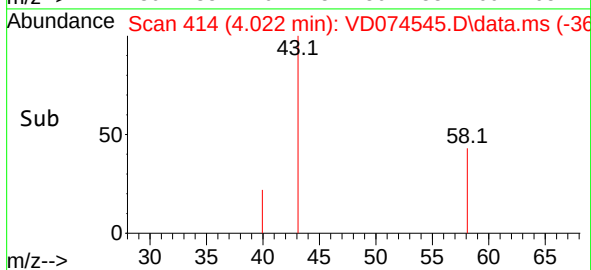
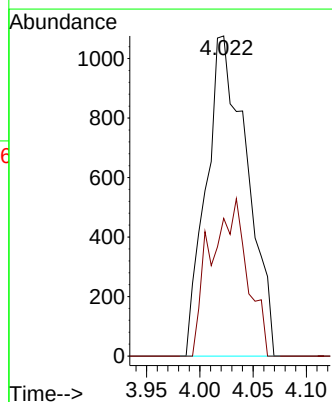
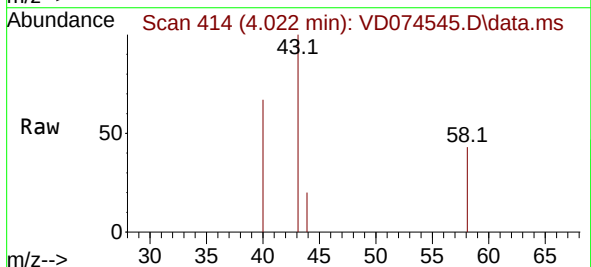
Instrument :
MSVOA_D
ClientSampleId :
SB-01-3.5-4.0

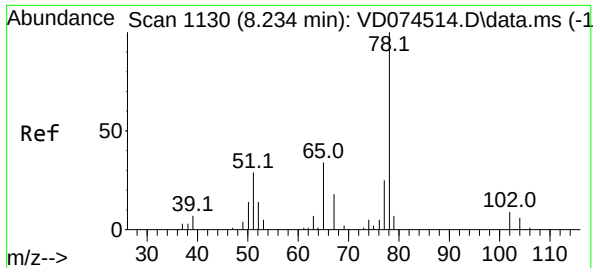
Tgt Ion:168 Resp: 106662
Ion Ratio Lower Upper
168 100
99 50.5 40.9 61.3



#16
Acetone
Concen: 14.467 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD074545.D
Acq: 17 Oct 2022 15:27

Tgt Ion: 43 Resp: 2865
Ion Ratio Lower Upper
43 100
58 43.0 30.2 45.2





#33

1,2-Dichloroethane-d4

Concen: 64.500 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD074545.D

Acq: 17 Oct 2022 15:27

Instrument :

MSVOA_D

ClientSampleId :

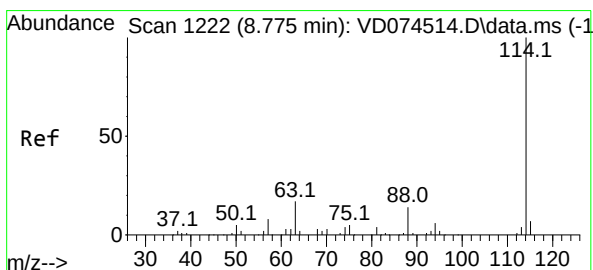
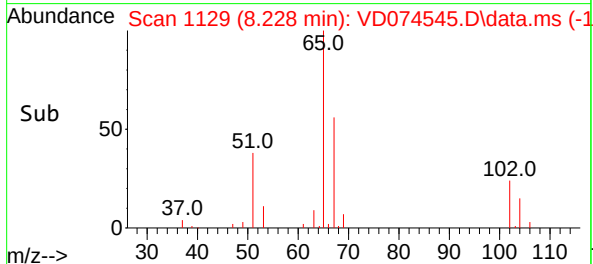
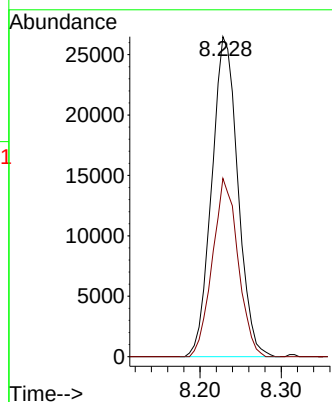
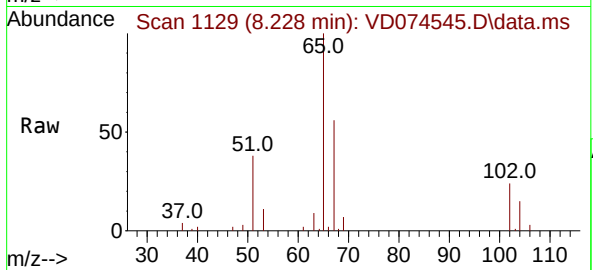
SB-01-3.5-4.0

Tgt Ion: 65 Resp: 59217

Ion Ratio Lower Upper

65 100

67 54.5 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD074545.D

Acq: 17 Oct 2022 15:27

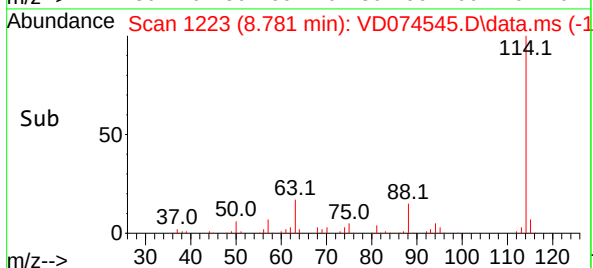
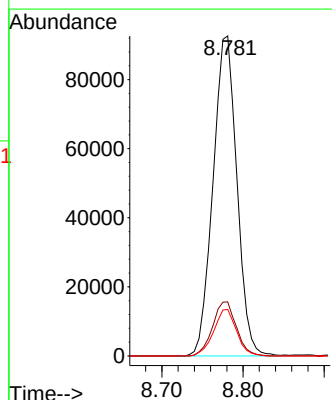
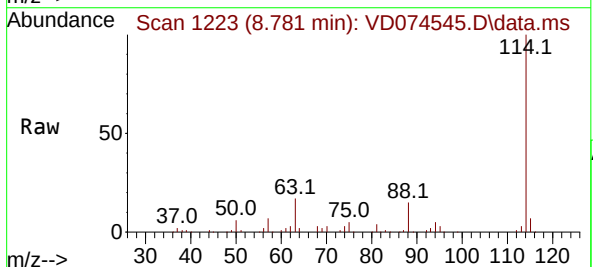
Tgt Ion: 114 Resp: 189464

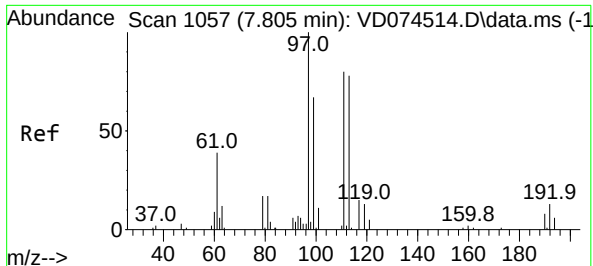
Ion Ratio Lower Upper

114 100

63 16.9 0.0 33.2

88 14.5 0.0 28.2

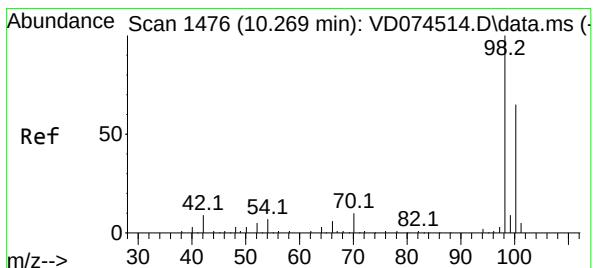
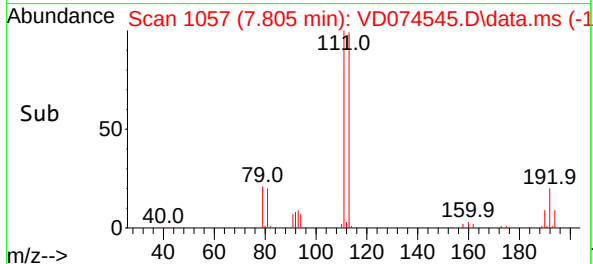
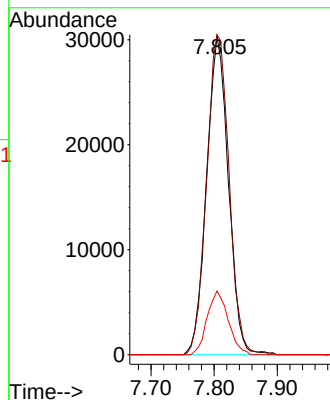
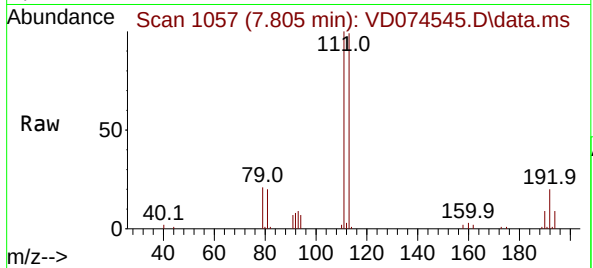




#35
Dibromofluoromethane
Concen: 64.653 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.001 min
Lab File: VD074545.D
Acq: 17 Oct 2022 15:27

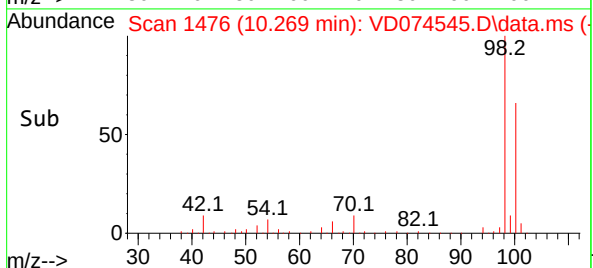
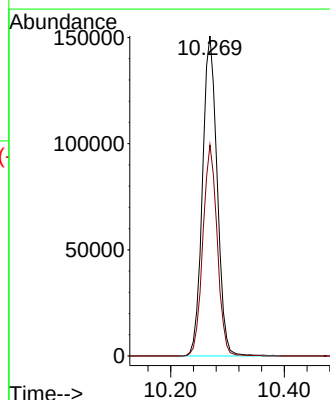
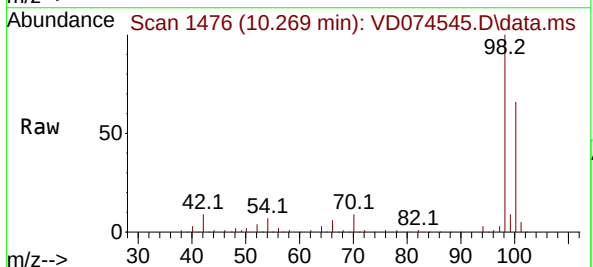
Instrument :
MSVOA_D
ClientSampleId :
SB-01-3.5-4.0

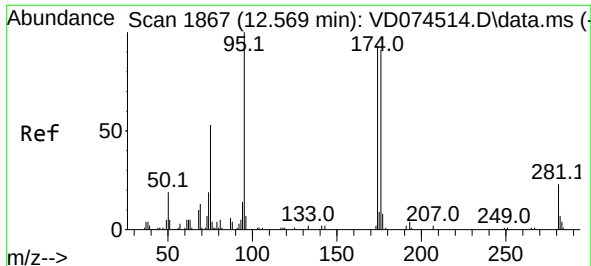
Tgt Ion:113 Resp: 72865
Ion Ratio Lower Upper
113 100
111 103.1 82.3 123.5
192 19.3 16.4 24.6



#50
Toluene-d8
Concen: 61.771 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074545.D
Acq: 17 Oct 2022 15:27

Tgt Ion: 98 Resp: 269751
Ion Ratio Lower Upper
98 100
100 64.4 51.4 77.0

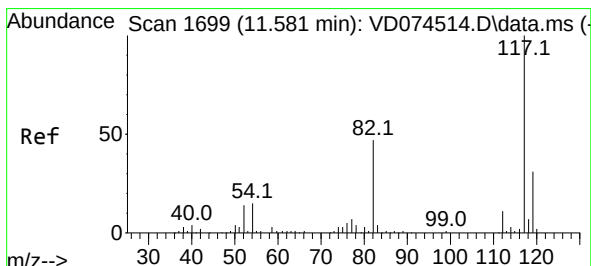
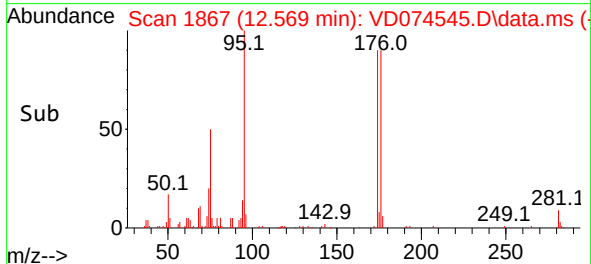
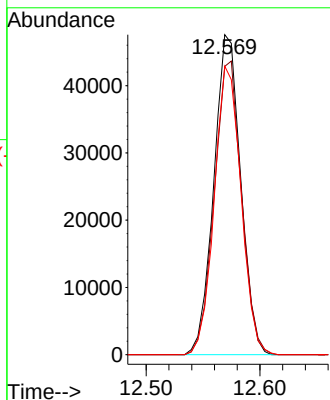
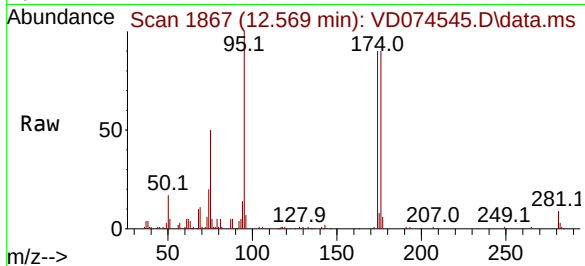




#62
4-Bromofluorobenzene
Concen: 59.660 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD074545.D
Acq: 17 Oct 2022 15:27

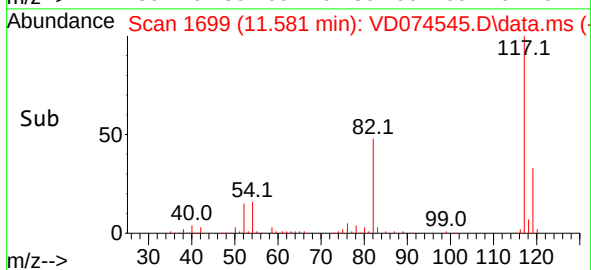
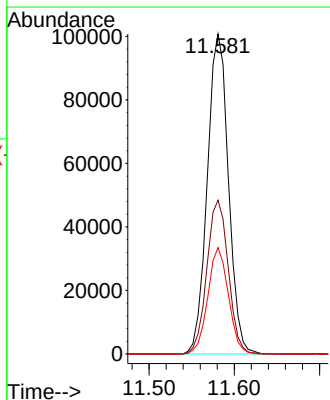
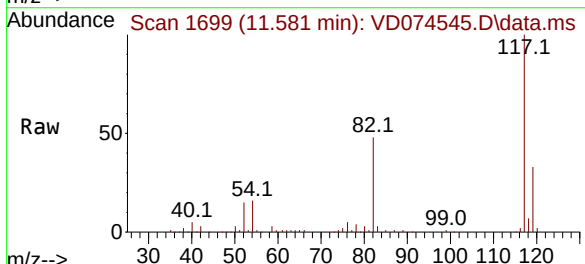
Instrument :
MSVOA_D
ClientSampleId :
SB-01-3.5-4.0

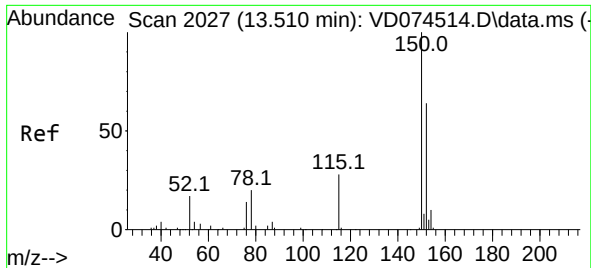
Tgt Ion:	95	Resp:	78070
Ion	Ratio	Lower	Upper
95	100		
174	93.0	0.0	197.0
176	89.9	0.0	182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074545.D
Acq: 17 Oct 2022 15:27

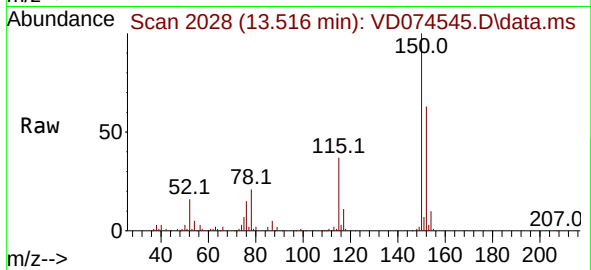
Tgt Ion:	117	Resp:	173593
Ion	Ratio	Lower	Upper
117	100		
82	48.1	41.6	62.4
119	33.3	25.2	37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VD074545.D
 Acq: 17 Oct 2022 15:27

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-01-3.5-4.0



Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.5	26.8	80.4
150	158.5	0.0	348.2

