

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072022\
 Data File : VD073885.D
 Acq On : 20 Jul 2022 18:04
 Operator : VA/SY
 Sample : N3756-01
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1

Quant Time: Jul 21 01:11:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071822S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 20 15:29:08 2022
 Response via : Initial Calibration

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

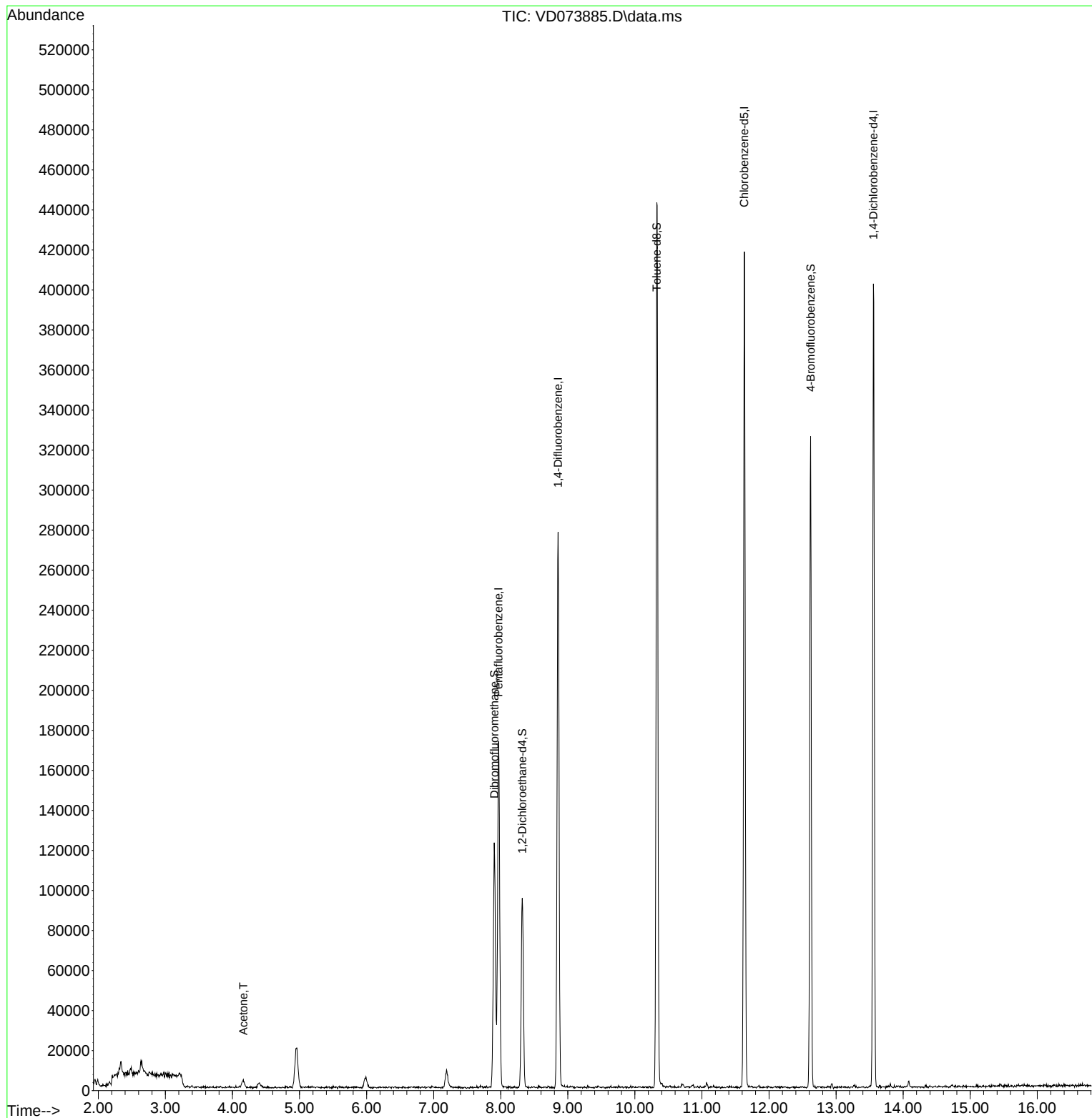
Internal Standards						
1) Pentafluorobenzene	7.967	168	119122	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	238448	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	229852	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	103237	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	76042	53.458	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.920%
35) Dibromofluoromethane	7.903	113	81746	48.595	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.180%
50) Toluene-d8	10.326	98	299706	49.078	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.160%
62) 4-Bromofluorobenzene	12.620	95	101371	48.280	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.560%
Target Compounds						Qvalue
16) Acetone	4.162	43	7051	30.209	ug/l	95

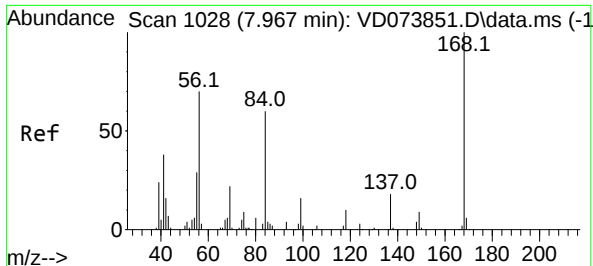
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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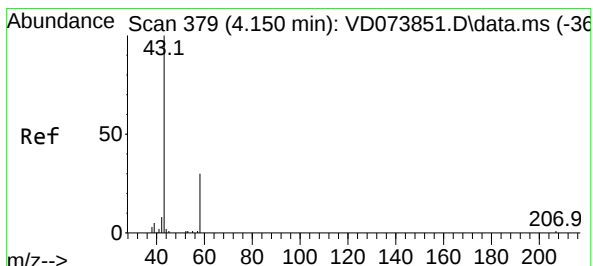
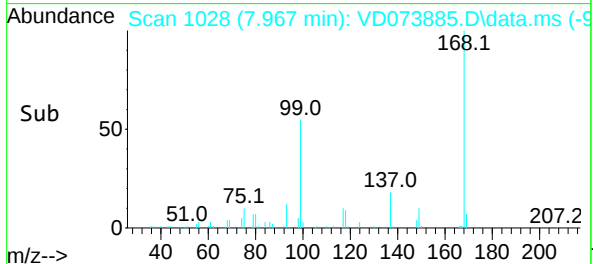
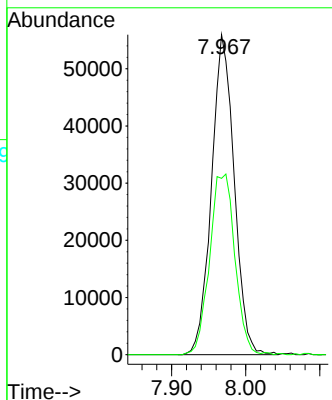
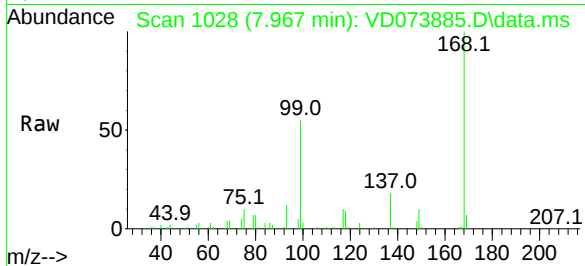




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. 0.000 min
Lab File: VD073885.D
Acq: 20 Jul 2022 18:04

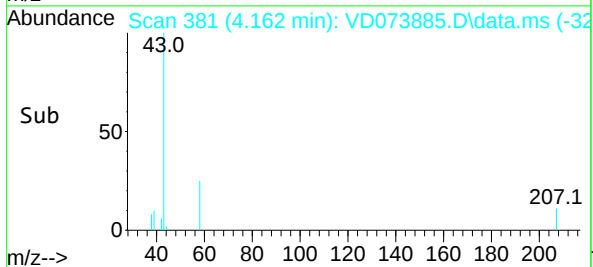
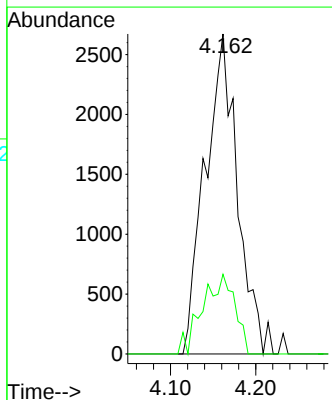
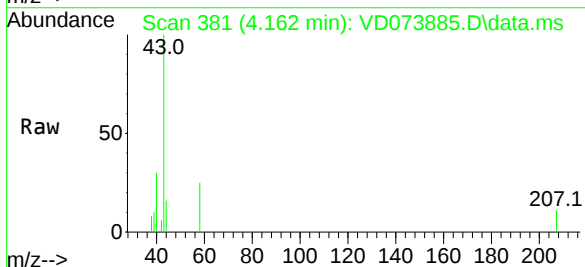
Instrument :
MSVOA_D
ClientSampleId :
TP-1

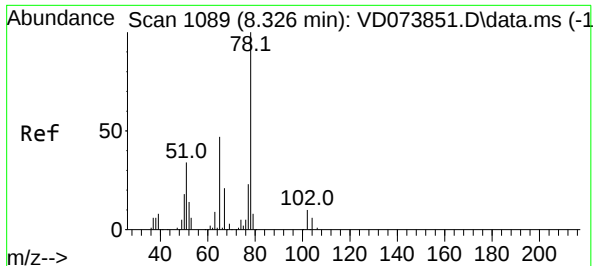
Tgt Ion:168 Resp: 119122
Ion Ratio Lower Upper
168 100
99 55.1 49.8 74.6



#16
Acetone
Concen: 30.209 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.012 min
Lab File: VD073885.D
Acq: 20 Jul 2022 18:04

Tgt Ion: 43 Resp: 7051
Ion Ratio Lower Upper
43 100
58 24.9 22.1 33.1





#33

1,2-Dichloroethane-d4

Concen: 53.458 ug/l

RT: 8.320 min Scan# 1089

Delta R.T. -0.006 min

Lab File: VD073885.D

Acq: 20 Jul 2022 18:04

Instrument :

MSVOA_D

ClientSampleId :

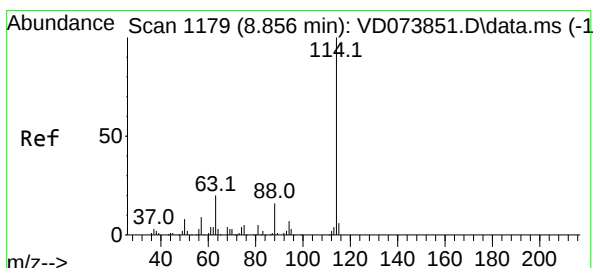
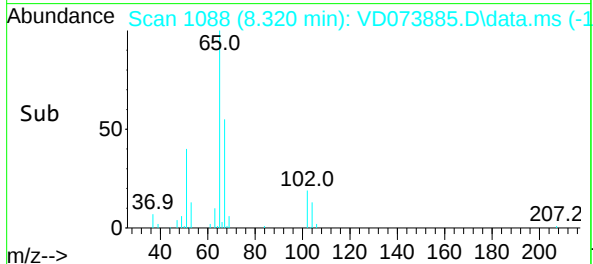
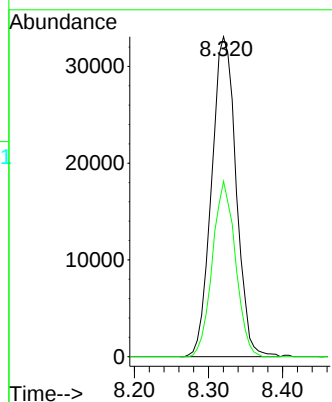
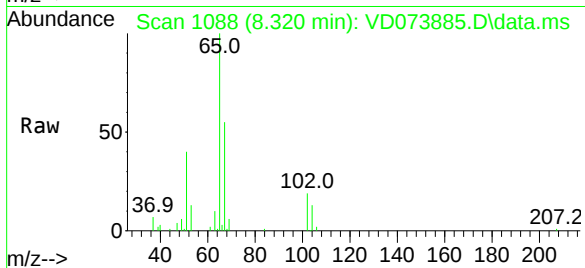
TP-1

Tgt Ion: 65 Resp: 76042

Ion Ratio Lower Upper

65 100

67 51.4 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VD073885.D

Acq: 20 Jul 2022 18:04

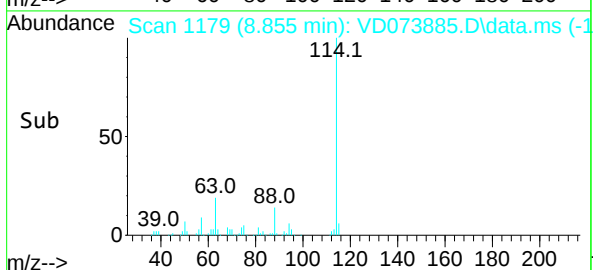
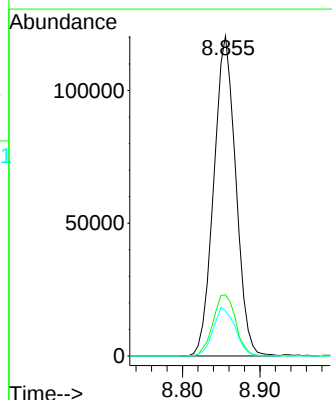
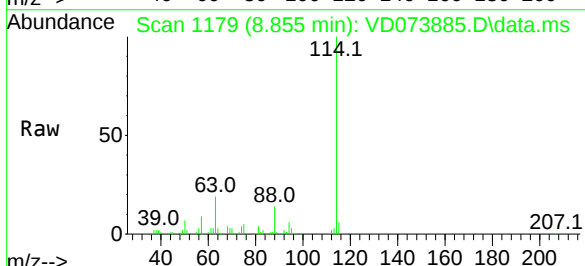
Tgt Ion: 114 Resp: 238448

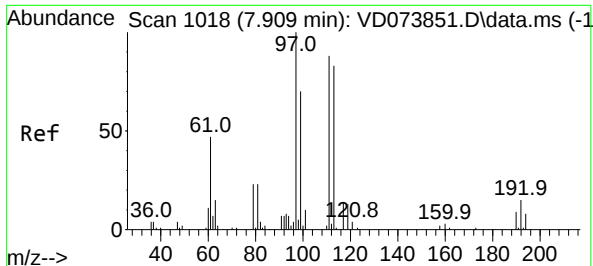
Ion Ratio Lower Upper

114 100

63 19.1 0.0 46.6

88 14.1 0.0 33.2





#35

Dibromofluoromethane

Concen: 48.595 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. -0.006 min

Lab File: VD073885.D

Acq: 20 Jul 2022 18:04

Instrument :

MSVOA_D

ClientSampleId :

TP-1

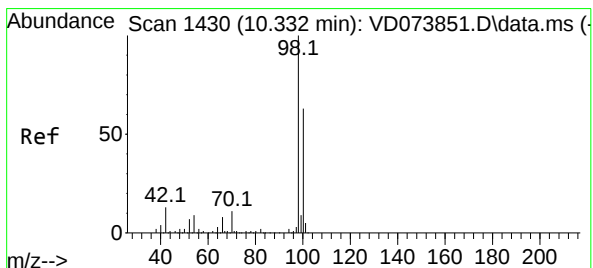
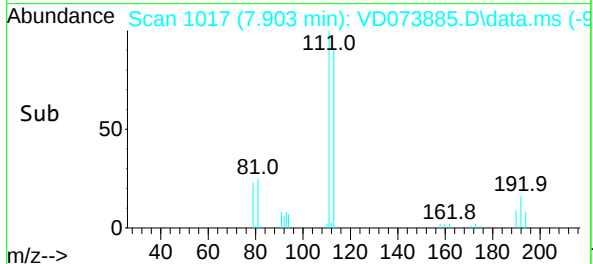
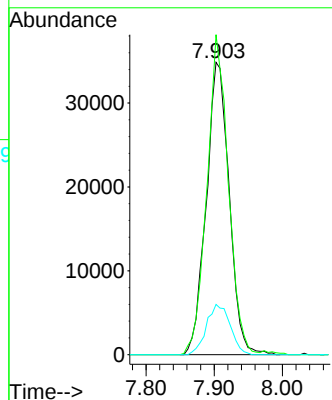
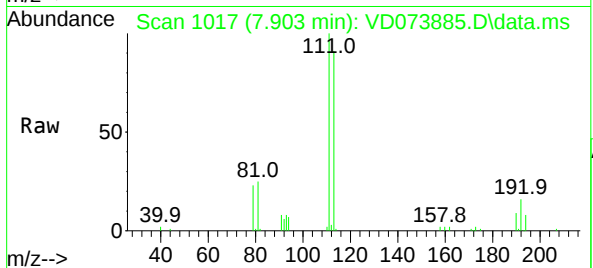
Tgt Ion:113 Resp: 81746

Ion Ratio Lower Upper

113 100

111 102.5 83.8 125.6

192 17.8 14.6 21.8



#50

Toluene-d8

Concen: 49.078 ug/l

RT: 10.326 min Scan# 1429

Delta R.T. -0.006 min

Lab File: VD073885.D

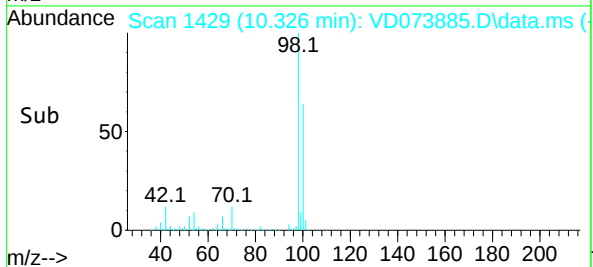
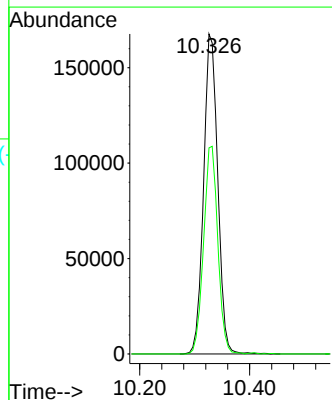
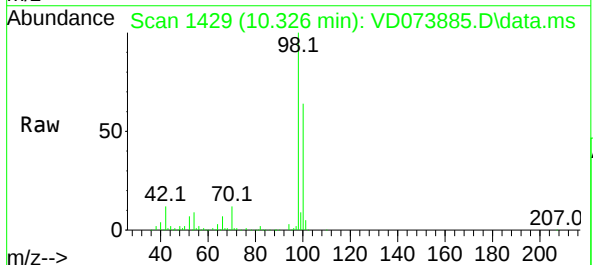
Acq: 20 Jul 2022 18:04

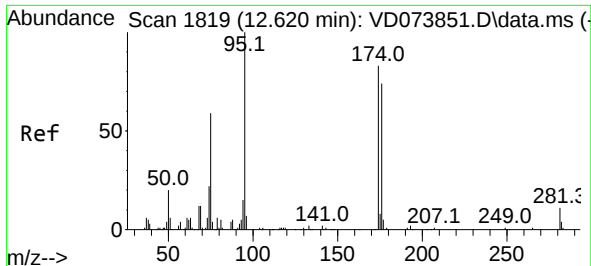
Tgt Ion: 98 Resp: 299706

Ion Ratio Lower Upper

98 100

100 65.1 52.4 78.6

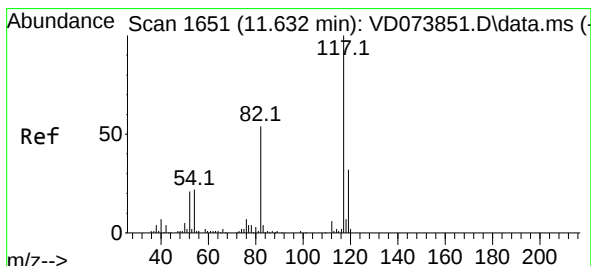
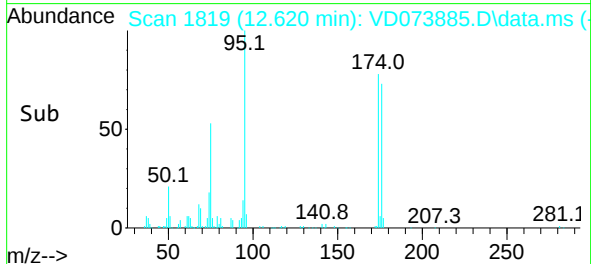
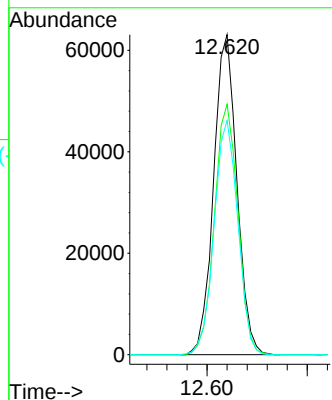
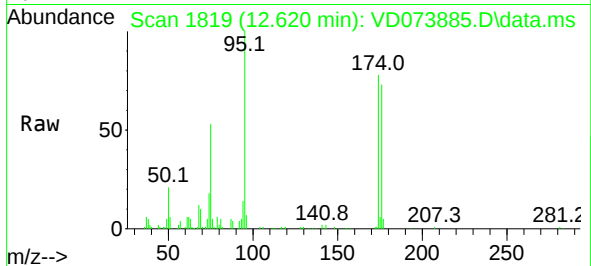




#62
4-Bromofluorobenzene
Concen: 48.280 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073885.D
Acq: 20 Jul 2022 18:04

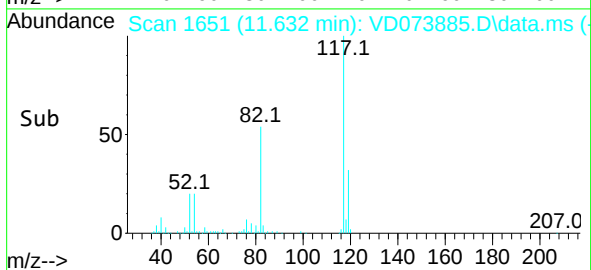
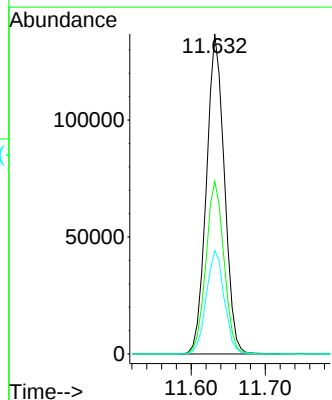
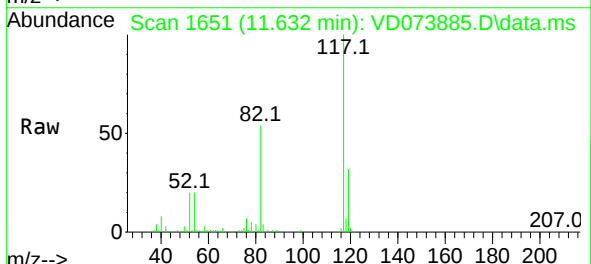
Instrument :
MSVOA_D
ClientSampleId :
TP-1

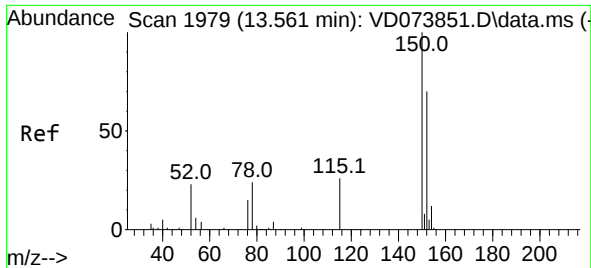
Tgt Ion: 95 Resp: 101371
Ion Ratio Lower Upper
95 100
174 79.3 0.0 152.8
176 74.8 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VD073885.D
Acq: 20 Jul 2022 18:04

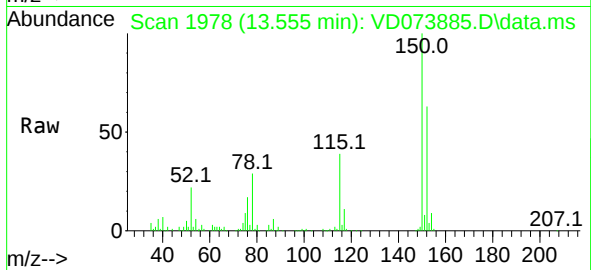
Tgt Ion: 117 Resp: 229852
Ion Ratio Lower Upper
117 100
82 53.9 45.3 67.9
119 32.3 26.6 40.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.555 min Scan# 1978
 Delta R.T. -0.006 min
 Lab File: VD073885.D
 Acq: 20 Jul 2022 18:04

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1



Tgt Ion:152 Resp: 103237
 Ion Ratio Lower Upper
 152 100
 115 61.7 31.3 93.8
 150 158.8 0.0 348.6

