

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102523\
 Data File : VD077422.D
 Acq On : 25 Oct 2023 18:51
 Operator : JC/SY
 Sample : 05027-01
 Misc : 5.04G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 214

Quant Time: Oct 26 07:03:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 18 03:02:43 2023
 Response via : Initial Calibration

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

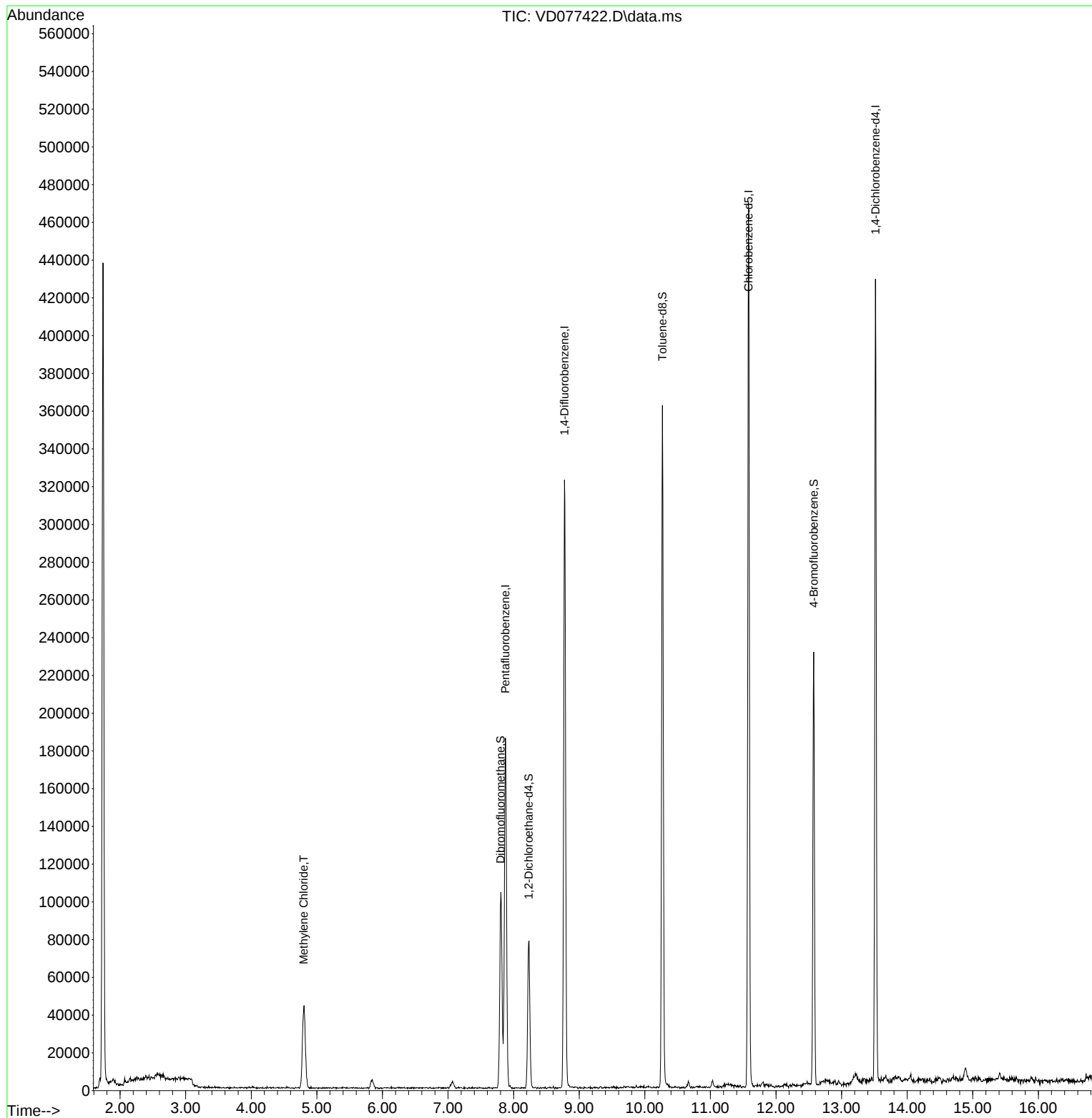
Internal Standards						
1) Pentafluorobenzene	7.875	168	153409	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	305999	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	295381	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	123020	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	60622	44.254	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.500%
35) Dibromofluoromethane	7.799	113	77568	36.082	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	72.160%
50) Toluene-d8	10.269	98	263028	34.164	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	68.320%
62) 4-Bromofluorobenzene	12.575	95	71100	32.082	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	64.160%
Target Compounds						
20) Methylene Chloride	4.799	84	40186	19.161	ug/l	Qvalue 94

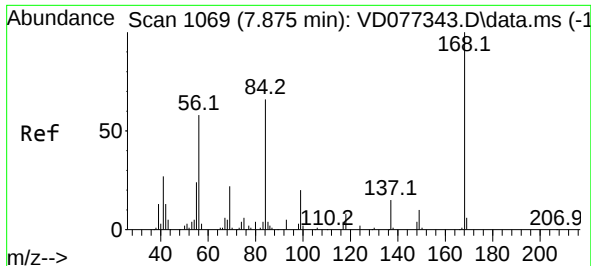
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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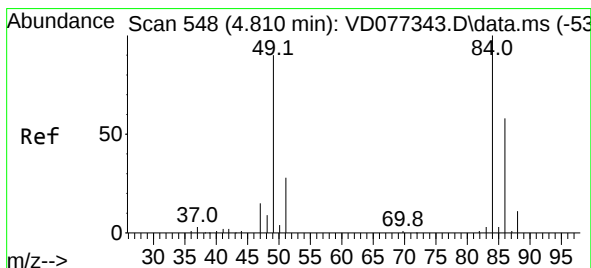
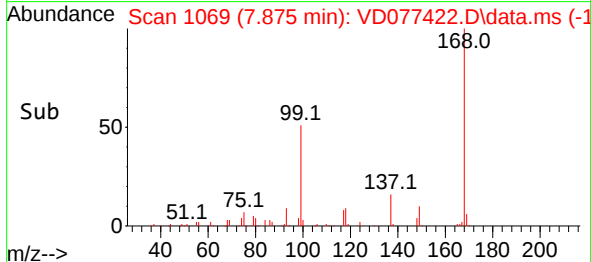
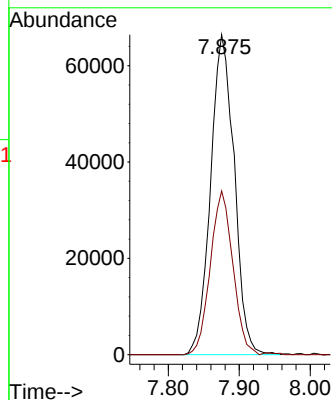
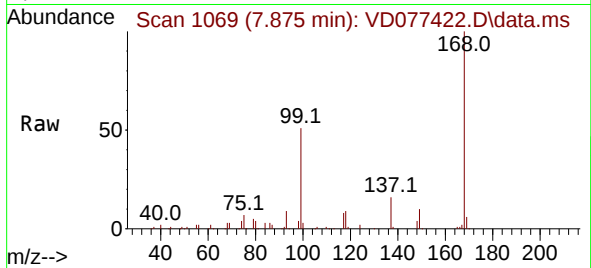




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077422.D
Acq: 25 Oct 2023 18:51

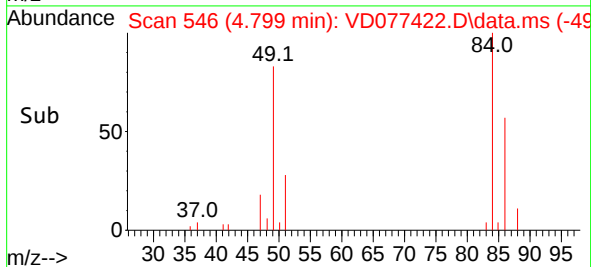
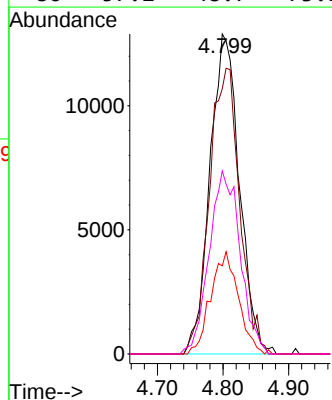
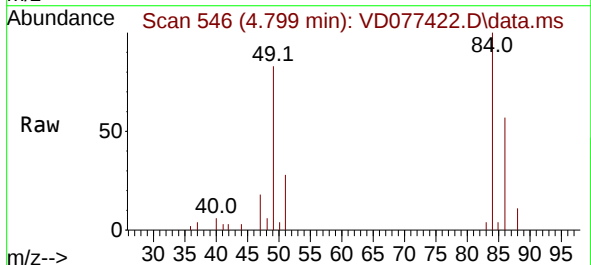
Instrument :
MSVOA_D
ClientSampleId :
214

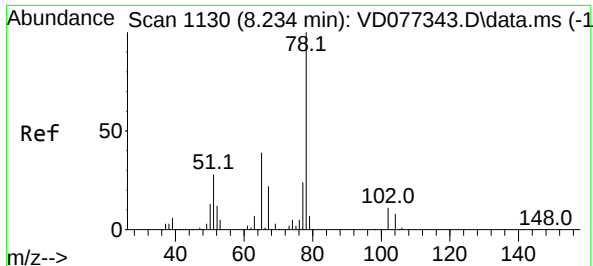
Tgt Ion:168 Resp: 153409
Ion Ratio Lower Upper
168 100
99 51.1 36.7 55.1



#20
Methylene Chloride
Concen: 19.161 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.011 min
Lab File: VD077422.D
Acq: 25 Oct 2023 18:51

Tgt Ion: 84 Resp: 40186
Ion Ratio Lower Upper
84 100
49 82.9 71.4 107.2
51 27.6 24.5 36.7
86 57.2 48.7 73.1





#33

1,2-Dichloroethane-d4

Concen: 44.254 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD077422.D

Acq: 25 Oct 2023 18:51

Instrument :

MSVOA_D

ClientSampleId :

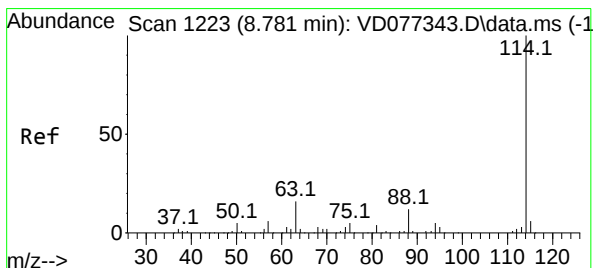
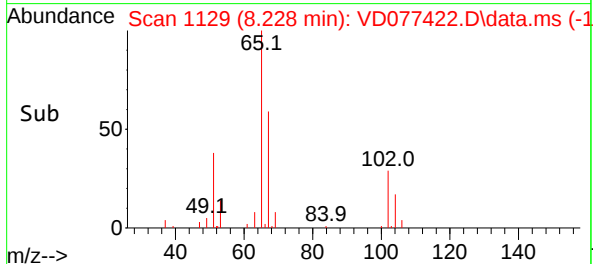
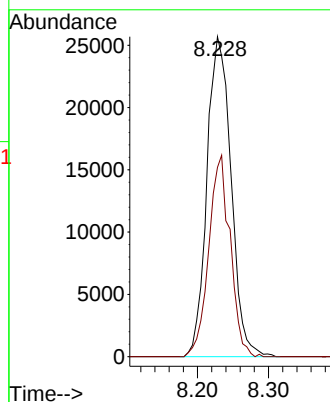
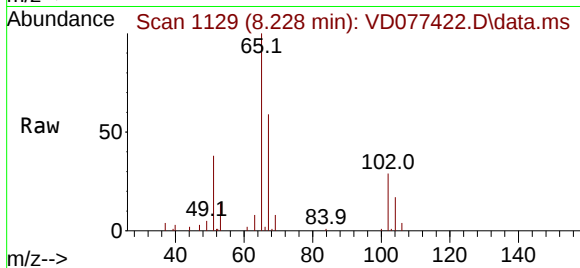
214

Tgt Ion: 65 Resp: 60622

Ion Ratio Lower Upper

65 100

67 55.8 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD077422.D

Acq: 25 Oct 2023 18:51

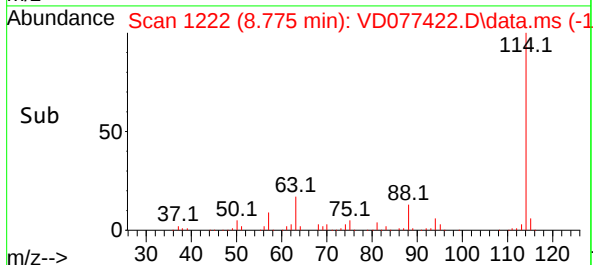
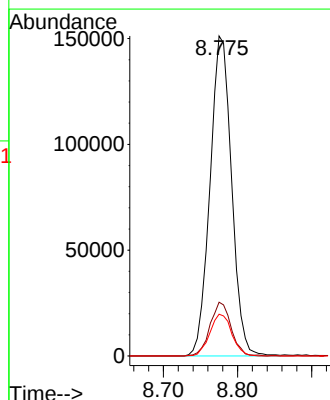
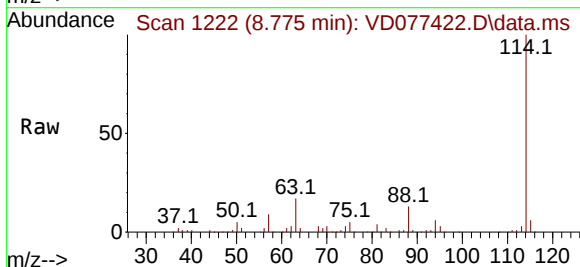
Tgt Ion: 114 Resp: 305999

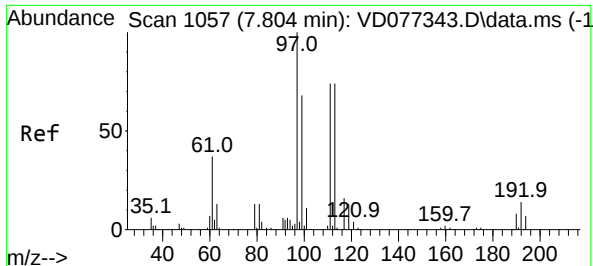
Ion Ratio Lower Upper

114 100

63 16.8 0.0 33.4

88 13.1 0.0 26.2





#35

Dibromofluoromethane

Concen: 36.082 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.005 min

Lab File: VD077422.D

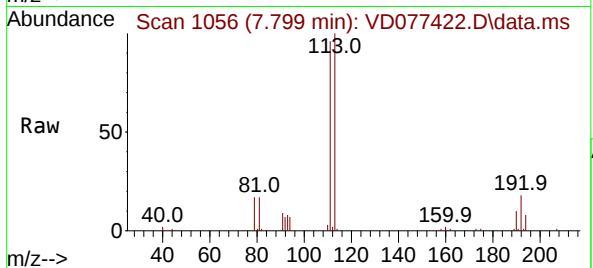
Acq: 25 Oct 2023 18:51

Instrument :

MSVOA_D

ClientSampleId :

214



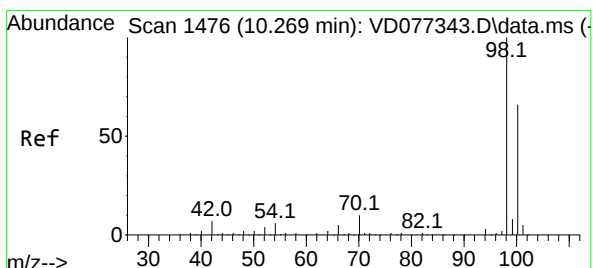
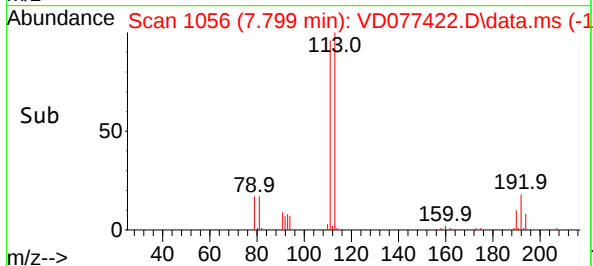
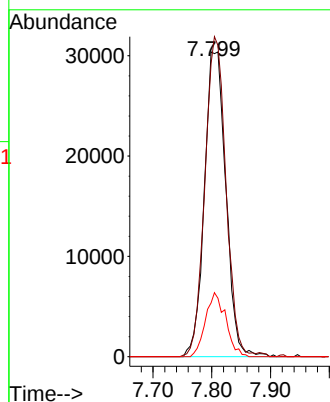
Tgt Ion:113 Resp: 77568

Ion Ratio Lower Upper

113 100

111 102.5 84.7 127.1

192 19.8 16.8 25.2



#50

Toluene-d8

Concen: 34.164 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD077422.D

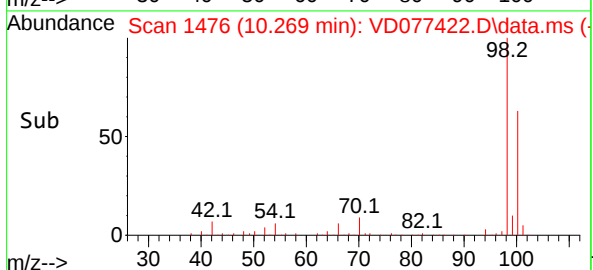
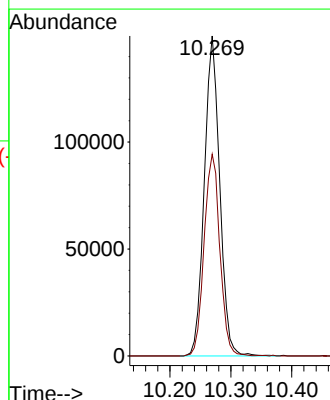
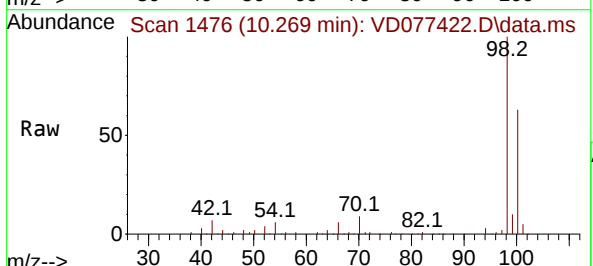
Acq: 25 Oct 2023 18:51

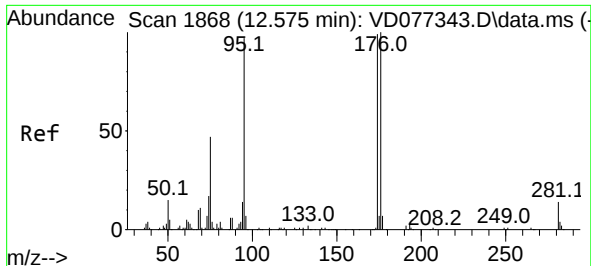
Tgt Ion: 98 Resp: 263028

Ion Ratio Lower Upper

98 100

100 64.3 50.3 75.5

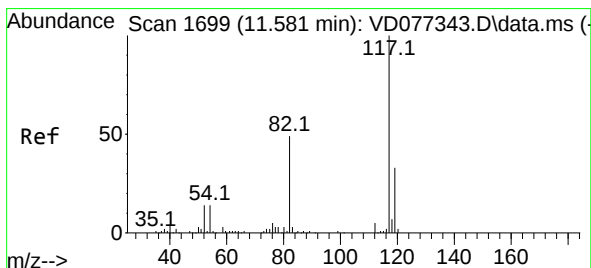
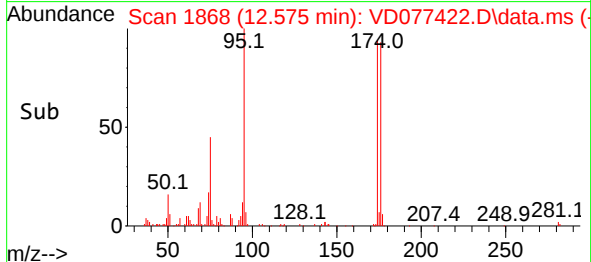
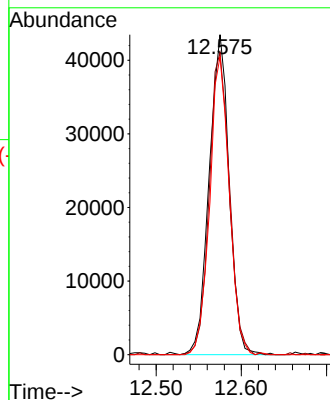
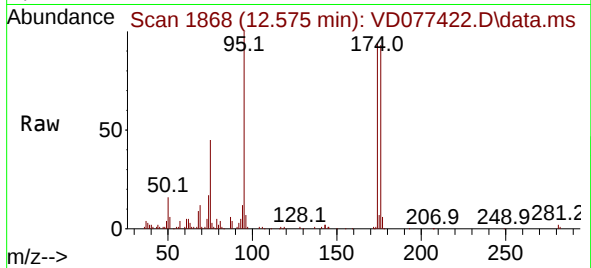




#62
4-Bromofluorobenzene
Concen: 32.082 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077422.D
Acq: 25 Oct 2023 18:51

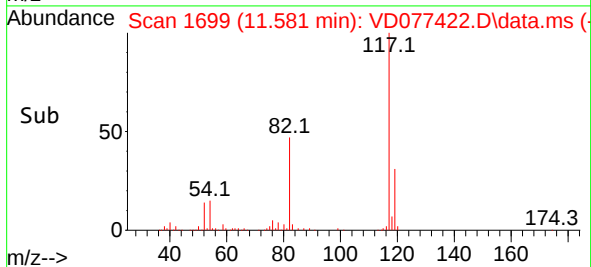
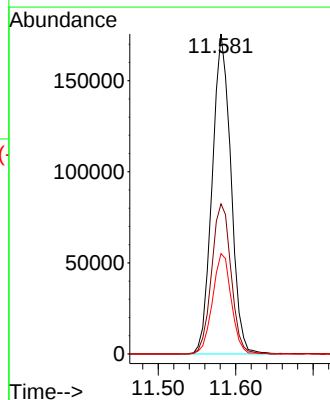
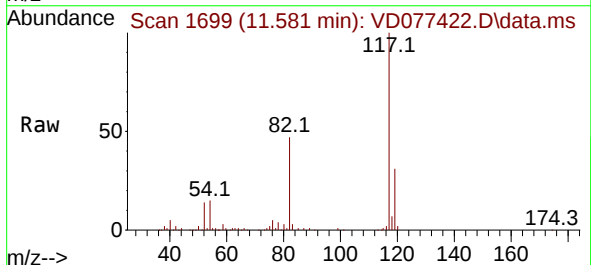
Instrument :
MSVOA_D
ClientSampleId :
214

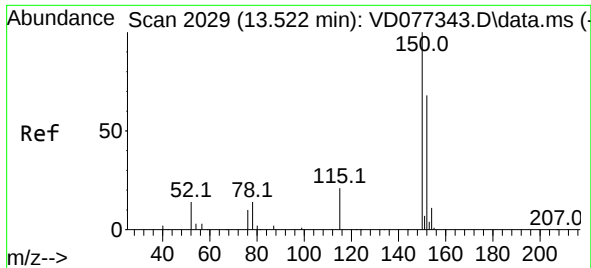
Tgt Ion:	95	Resp:	71100
Ion	Ratio	Lower	Upper
95	100		
174	95.4	0.0	201.8
176	90.7	0.0	191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD077422.D
Acq: 25 Oct 2023 18:51

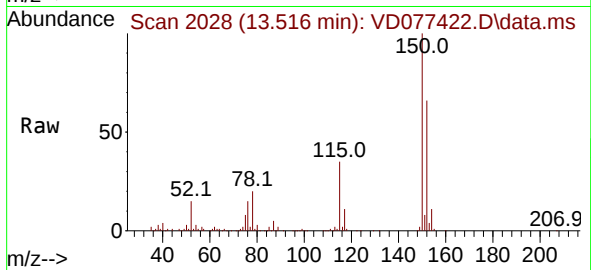
Tgt Ion:	117	Resp:	295381
Ion	Ratio	Lower	Upper
117	100		
82	46.9	38.3	57.5
119	31.4	25.0	37.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VD077422.D
 Acq: 25 Oct 2023 18:51

Instrument :
 MSVOA_D
 ClientSampleId :
 214



Tgt Ion:152 Resp: 123020
 Ion Ratio Lower Upper
 152 100
 115 53.9 27.1 81.3
 150 153.3 0.0 353.6

