

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041723\
 Data File : VD075712.D
 Acq On : 17 Apr 2023 20:33
 Operator : KP/SY
 Sample : 02270-14
 Misc : 2.44G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-24-5-7-20230411

Quant Time: Apr 18 01:19:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041323S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 14:16:29 2023
 Response via : Initial Calibration

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

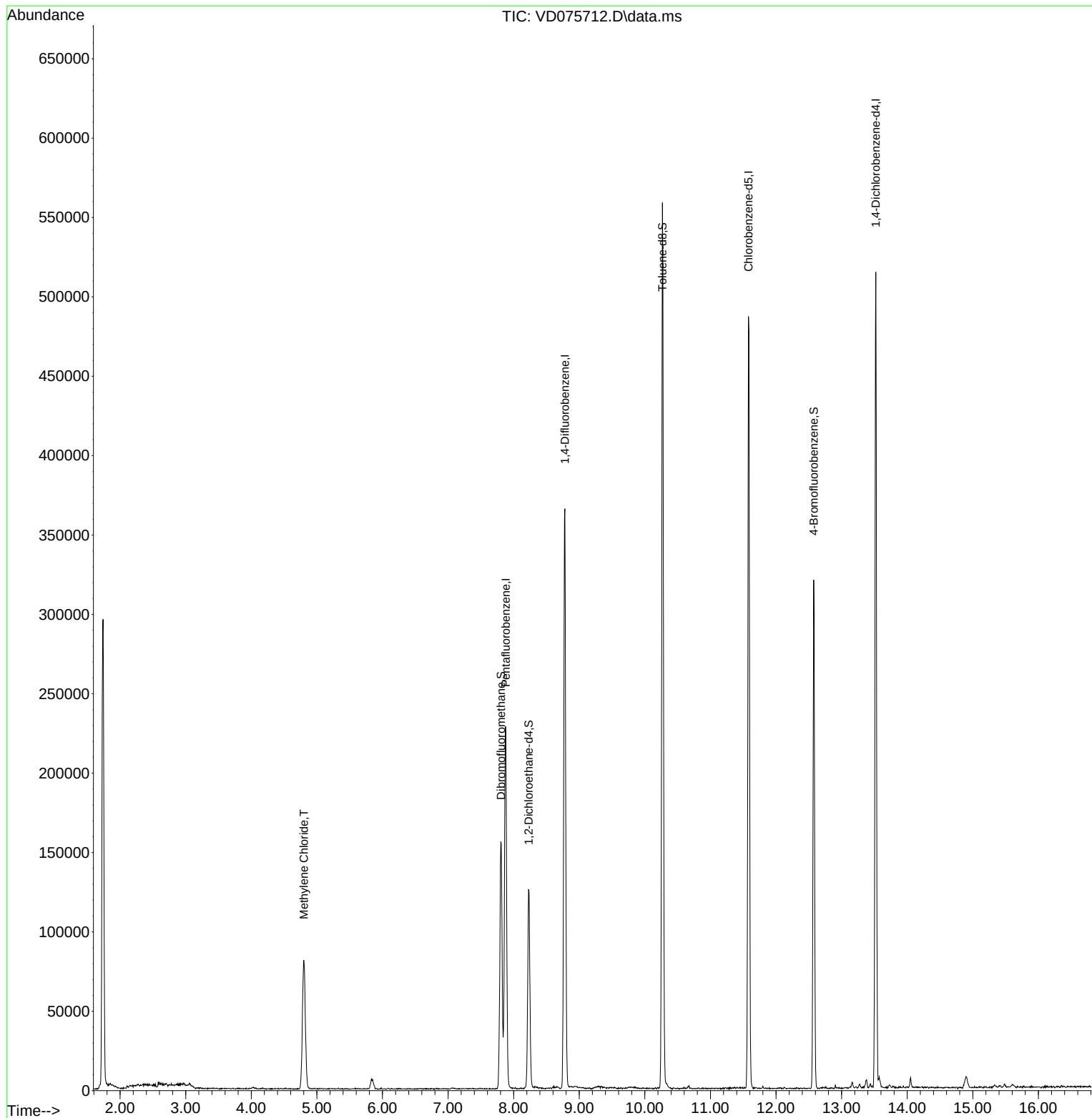
Internal Standards						
1) Pentafluorobenzene	7.881	168	188010	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	359720	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	319539	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	154589	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	96719	54.197	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.400%
35) Dibromofluoromethane	7.810	113	118849	49.122	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.240%
50) Toluene-d8	10.269	98	417549	43.095	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	86.200%
62) 4-Bromofluorobenzene	12.575	95	100242	38.924	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	77.840%
Target Compounds						
						Qvalue
20) Methylene Chloride	4.805	84	73175	26.794	ug/l #	72

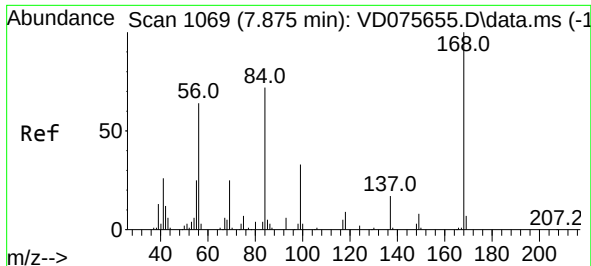
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041723\
Data File : VD075712.D
Acq On : 17 Apr 2023 20:33
Operator : KP/SY
Sample : 02270-14
Misc : 2.44G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB-24-5-7-20230411

Quant Time: Apr 18 01:19:46 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041323S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 13 14:16:29 2023
Response via : Initial Calibration

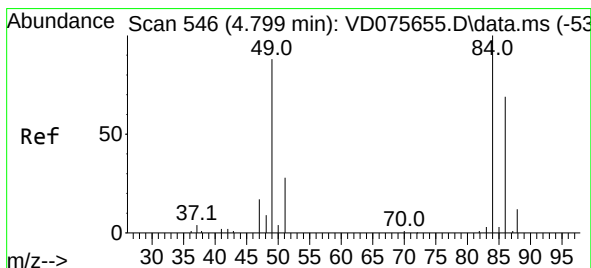
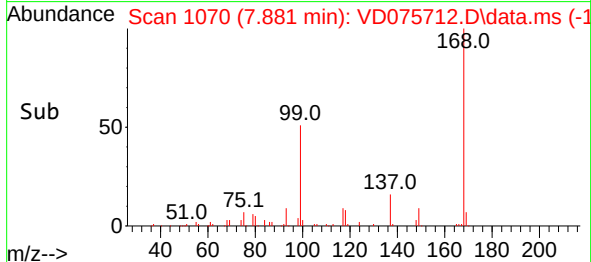
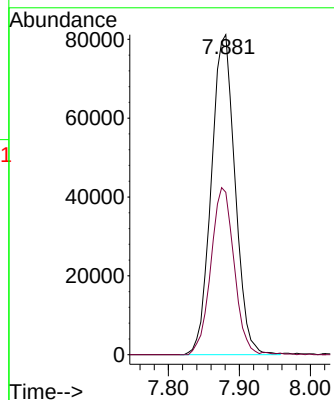
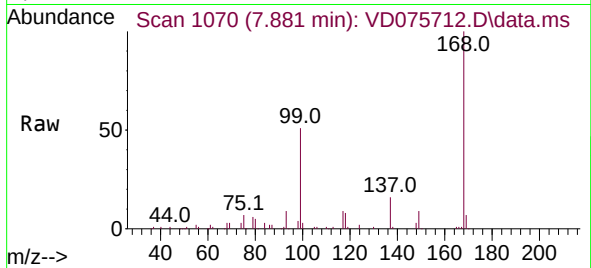




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD075712.D
Acq: 17 Apr 2023 20:33

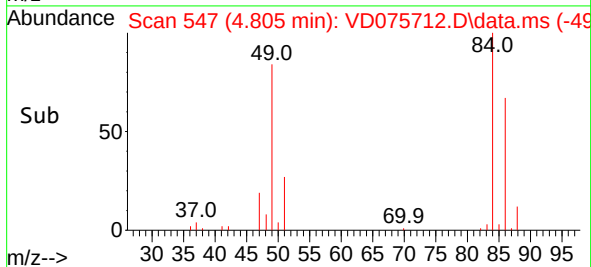
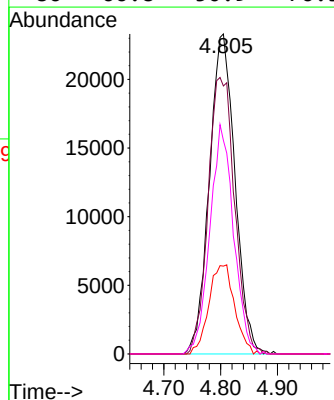
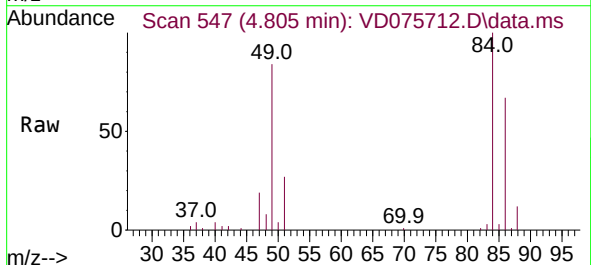
Instrument :
MSVOA_D
ClientSampleId :
SB-24-5-7-20230411

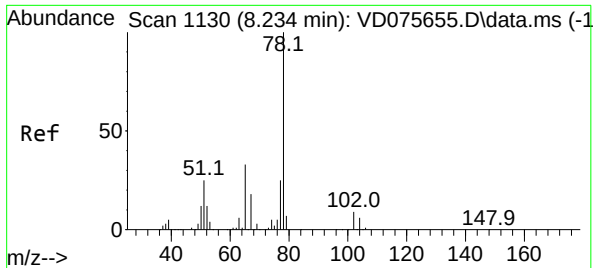
Tgt Ion:168 Resp: 188010
Ion Ratio Lower Upper
168 100
99 50.7 43.8 65.6



#20
Methylene Chloride
Concen: 26.794 ug/l
RT: 4.805 min Scan# 547
Delta R.T. 0.006 min
Lab File: VD075712.D
Acq: 17 Apr 2023 20:33

Tgt Ion: 84 Resp: 73175
Ion Ratio Lower Upper
84 100
49 83.7 106.4 159.6#
51 27.4 32.4 48.6#
86 66.8 50.9 76.3





#33

1,2-Dichloroethane-d4

Concen: 54.197 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD075712.D

Acq: 17 Apr 2023 20:33

Instrument :

MSVOA_D

ClientSampleId :

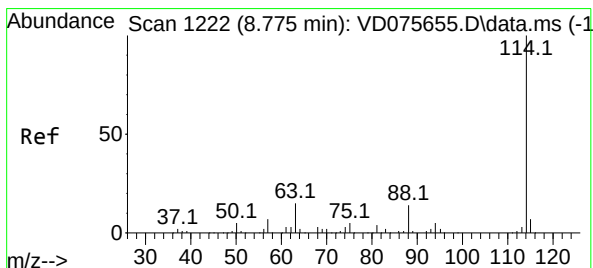
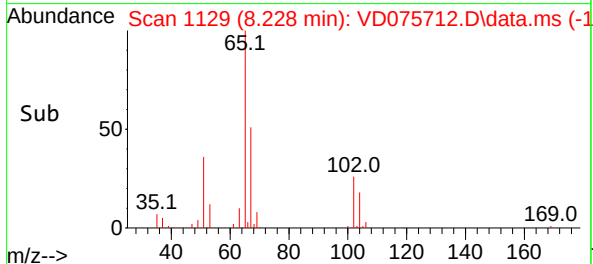
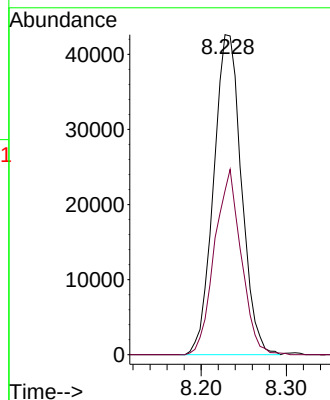
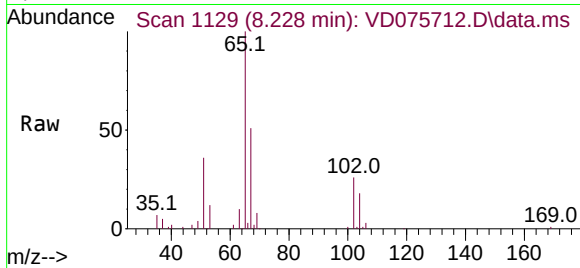
SB-24-5-7-20230411

Tgt Ion: 65 Resp: 96719

Ion Ratio Lower Upper

65 100

67 55.5 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD075712.D

Acq: 17 Apr 2023 20:33

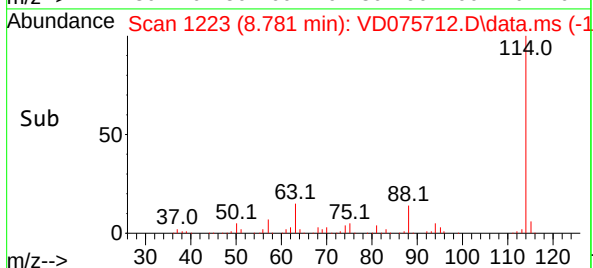
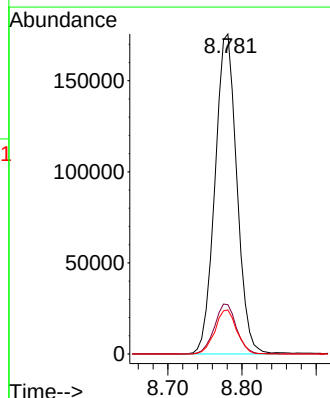
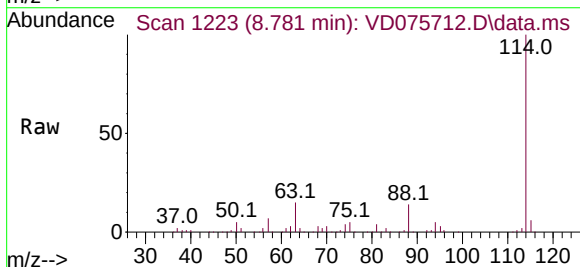
Tgt Ion: 114 Resp: 359720

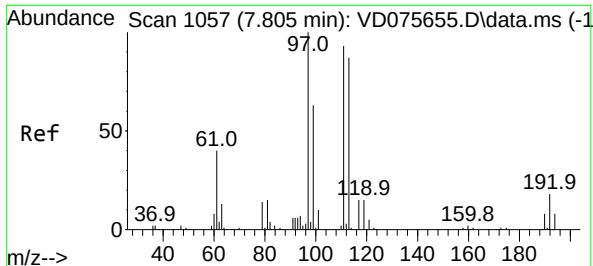
Ion Ratio Lower Upper

114 100

63 15.4 0.0 41.6

88 13.7 0.0 30.6

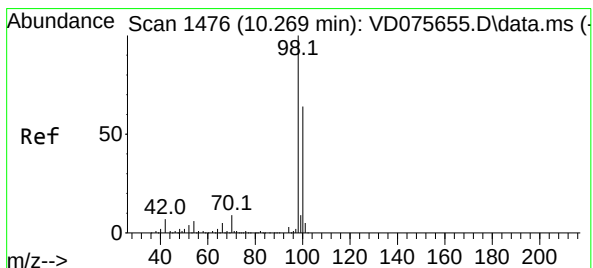
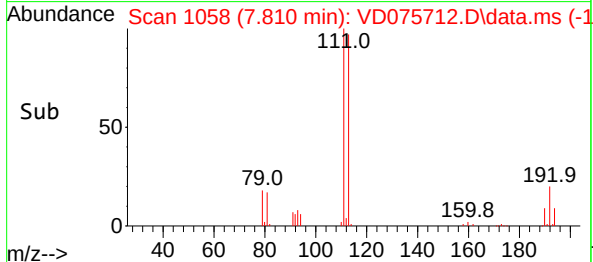
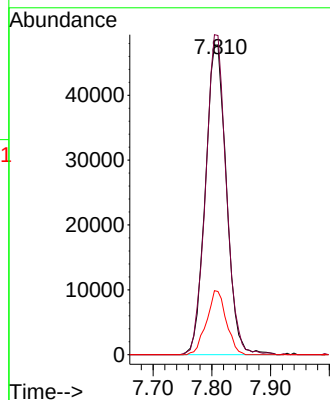
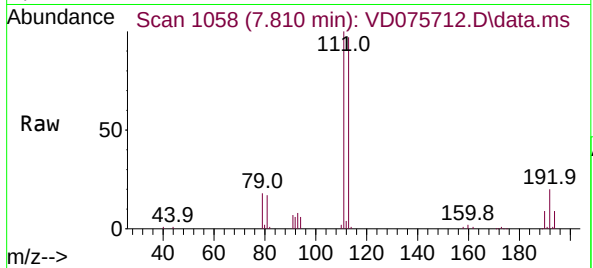




#35
 Dibromofluoromethane
 Concen: 49.122 ug/l
 RT: 7.810 min Scan# 11
 Delta R.T. 0.005 min
 Lab File: VD075712.D
 Acq: 17 Apr 2023 20:33

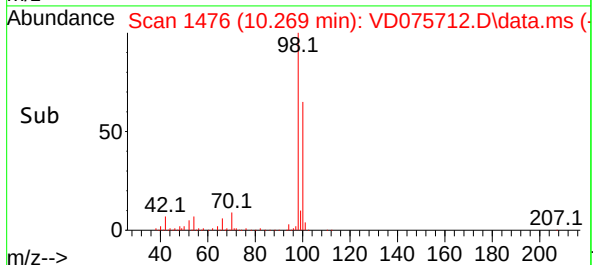
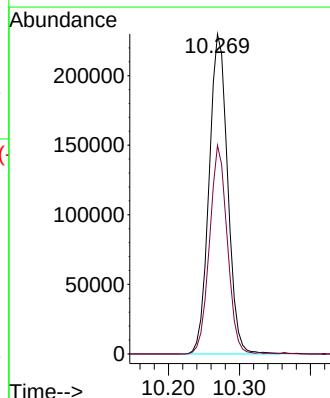
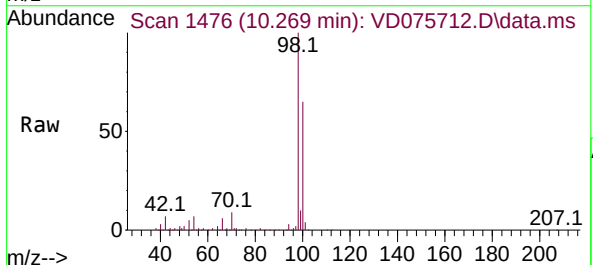
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-24-5-7-20230411

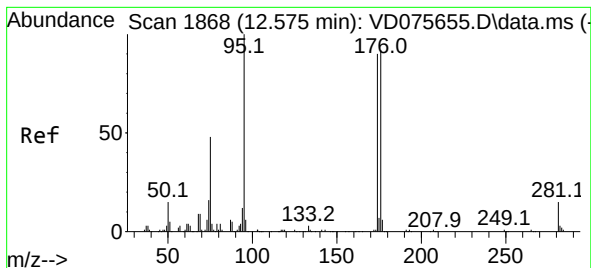
Tgt Ion:	113	Resp:	118849
Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.4	122.0
192	19.3	15.2	22.8



#50
 Toluene-d8
 Concen: 43.095 ug/l
 RT: 10.269 min Scan# 1476
 Delta R.T. 0.000 min
 Lab File: VD075712.D
 Acq: 17 Apr 2023 20:33

Tgt Ion:	98	Resp:	417549
Ion	Ratio	Lower	Upper
98	100		
100	62.5	52.1	78.1

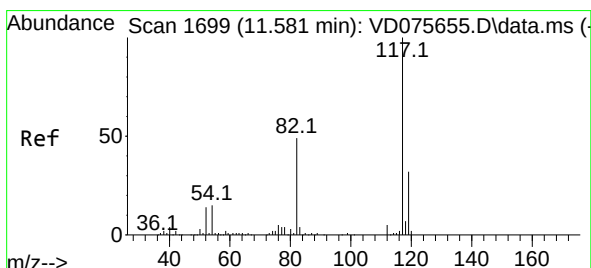
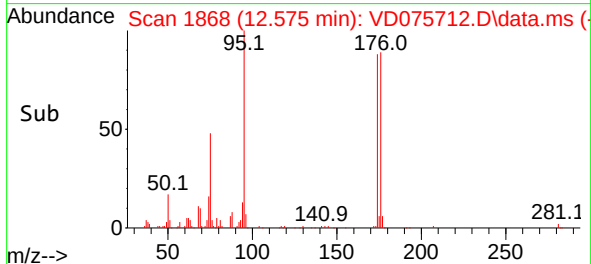
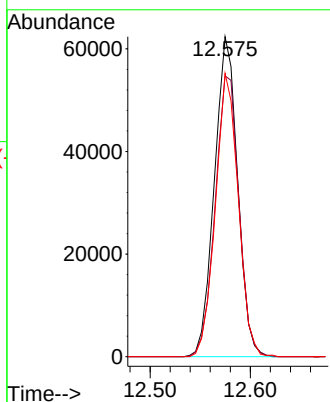
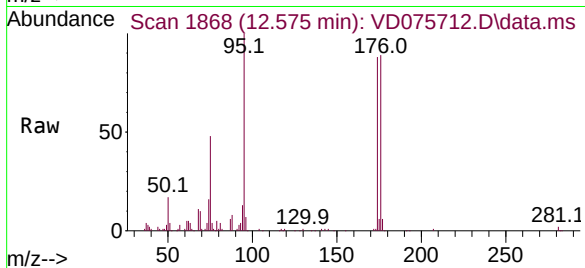




#62
4-Bromofluorobenzene
Concen: 38.924 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075712.D
Acq: 17 Apr 2023 20:33

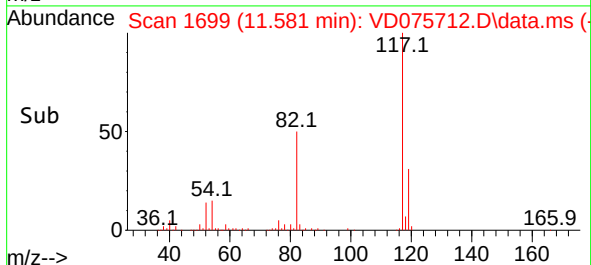
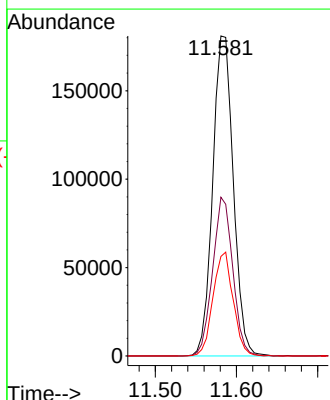
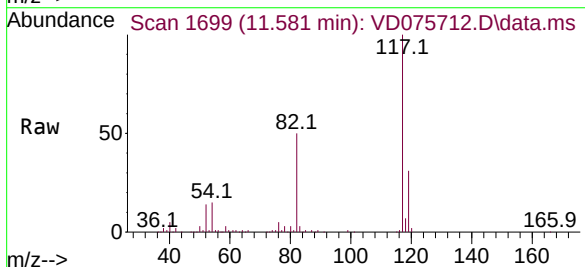
Instrument :
MSVOA_D
ClientSampleId :
SB-24-5-7-20230411

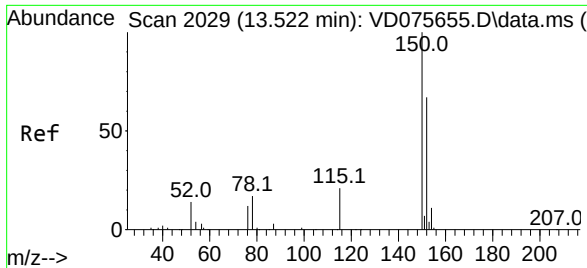
Tgt Ion: 95 Resp: 100242
Ion Ratio Lower Upper
95 100
174 89.9 0.0 164.0
176 86.9 0.0 156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD075712.D
Acq: 17 Apr 2023 20:33

Tgt Ion: 117 Resp: 319539
Ion Ratio Lower Upper
117 100
82 49.6 44.0 66.0
119 31.1 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: VD075712.D

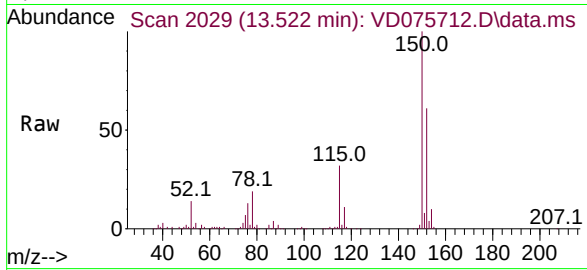
Acq: 17 Apr 2023 20:33

Instrument :

MSVOA_D

ClientSampleId :

SB-24-5-7-20230411



Tgt Ion:152 Resp: 154589

Ion Ratio Lower Upper

152 100

115 51.6 30.1 90.3

150 159.0 0.0 364.8

