

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041423\
 Data File : VD075683.D
 Acq On : 14 Apr 2023 16:59
 Operator : KP/SY
 Sample : 02258-02
 Misc : 2.85G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20230211-5-1

Quant Time: Apr 17 09:12:14 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)

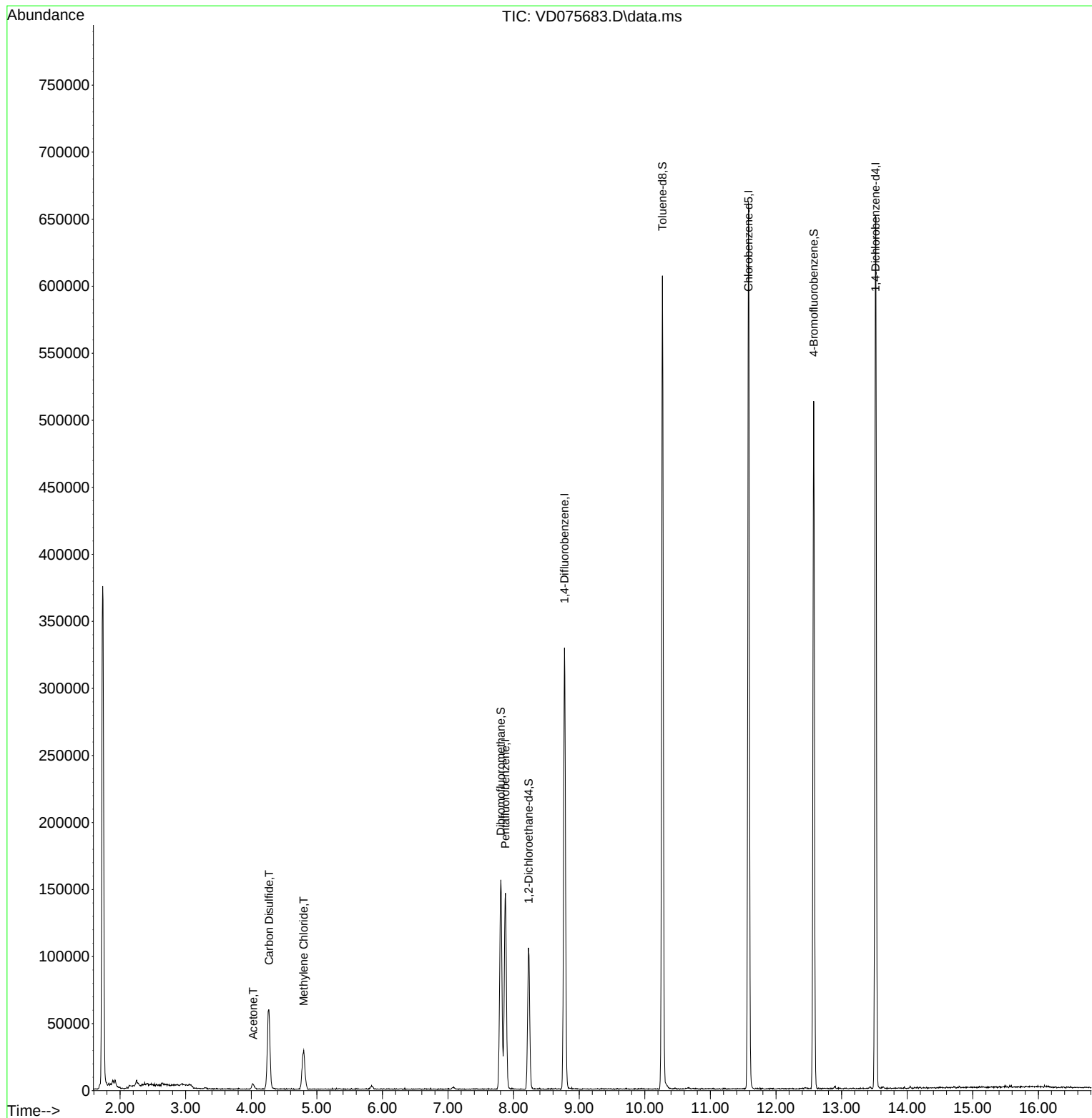
Internal Standards						
1) Pentafluorobenzene	7.875	168	119453	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	319933	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	405301	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	189389	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	81411	71.801	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	143.600%
35) Dibromofluoromethane	7.805	113	116783	54.271	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.540%
50) Toluene-d8	10.269	98	443670	51.486	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.980%
62) 4-Bromofluorobenzene	12.575	95	162005	70.730	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	141.460%
Target Compounds						
						Qvalue
16) Acetone	4.028	43	7389	35.572	ug/l	99
17) Carbon Disulfide	4.269	76	132835	30.339	ug/l	96
20) Methylene Chloride	4.799	84	26106	12.817	ug/l #	73

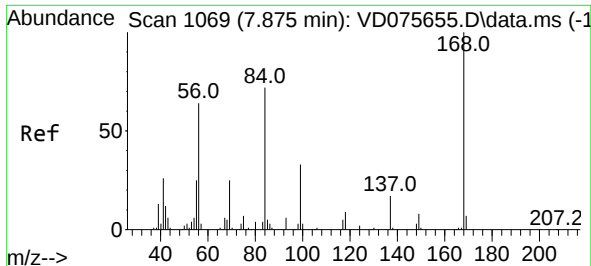
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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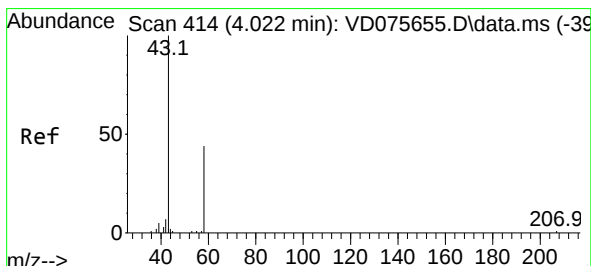
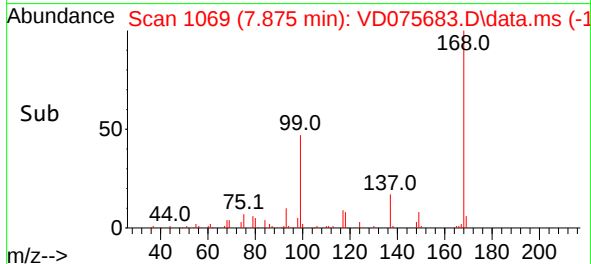
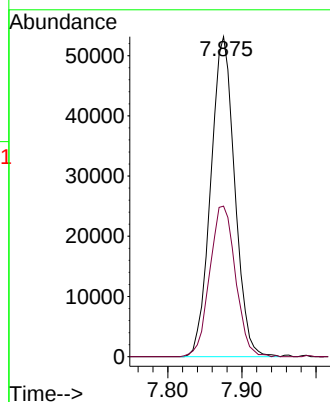
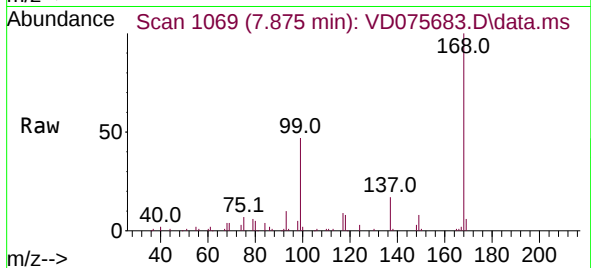




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075683.D
Acq: 14 Apr 2023 16:59

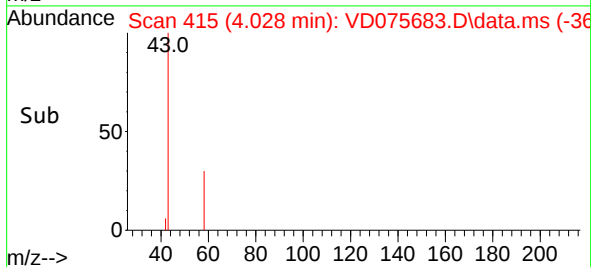
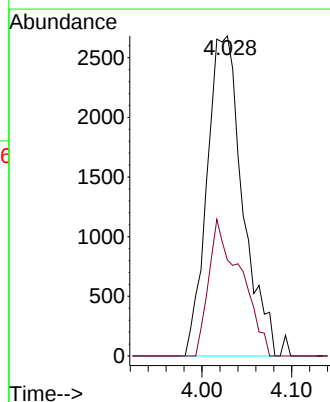
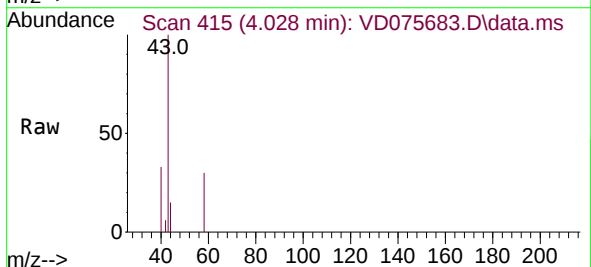
Instrument :
MSVOA_D
ClientSampleId :
20230211-5-1

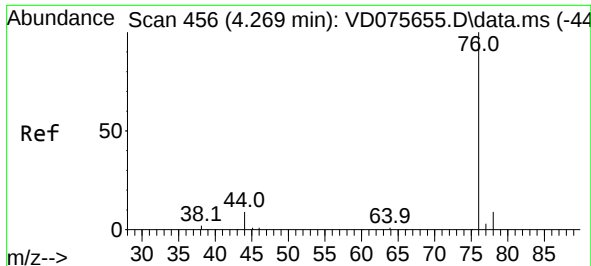
Tgt Ion:168 Resp: 119453
Ion Ratio Lower Upper
168 100
99 47.0 43.8 65.6



#16
Acetone
Concen: 35.572 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD075683.D
Acq: 14 Apr 2023 16:59

Tgt Ion: 43 Resp: 7389
Ion Ratio Lower Upper
43 100
58 30.0 24.4 36.6

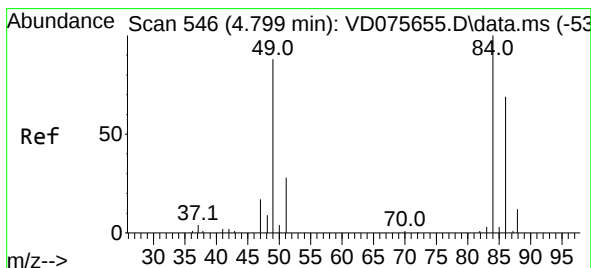
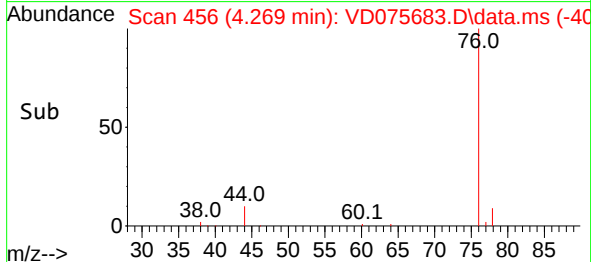
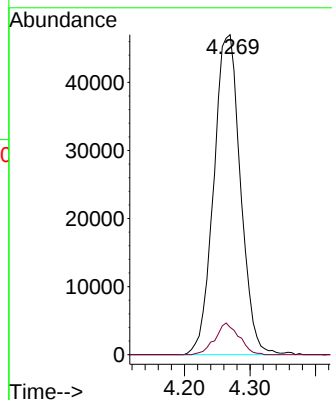
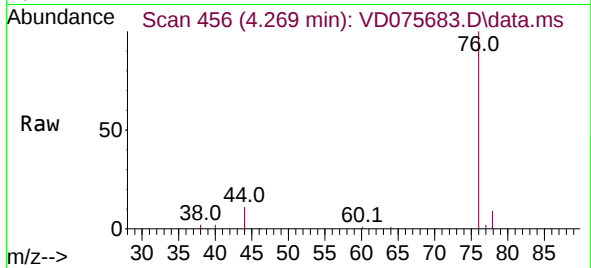




#17
Carbon Disulfide
Concen: 30.339 ug/l
RT: 4.269 min Scan# 456
Delta R.T. 0.000 min
Lab File: VD075683.D
Acq: 14 Apr 2023 16:59

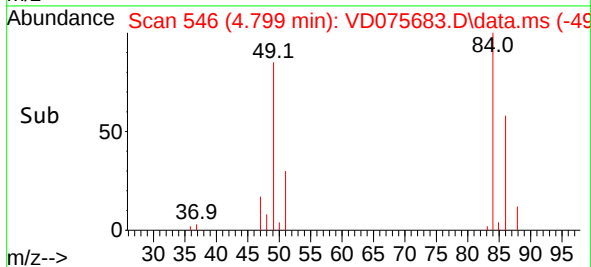
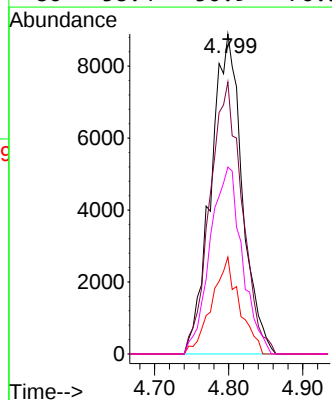
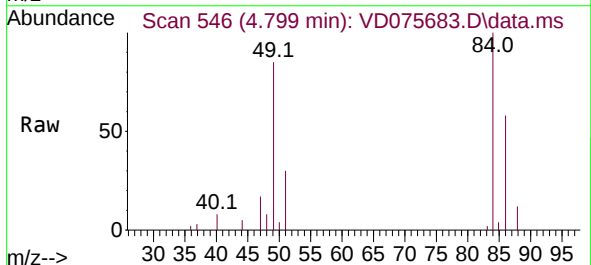
Instrument :
MSVOA_D
ClientSampleId :
20230211-5-1

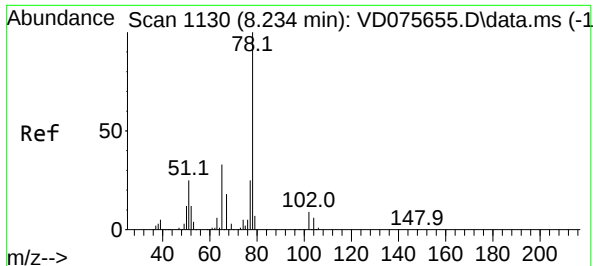
Tgt Ion: 76 Resp: 132835
Ion Ratio Lower Upper
76 100
78 8.5 8.0 12.0



#20
Methylene Chloride
Concen: 12.817 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD075683.D
Acq: 14 Apr 2023 16:59

Tgt Ion: 84 Resp: 26106
Ion Ratio Lower Upper
84 100
49 85.0 106.4 159.6#
51 30.3 32.4 48.6#
86 58.4 50.9 76.3





#33

1,2-Dichloroethane-d4

Concen: 71.801 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD075683.D

Acq: 14 Apr 2023 16:59

Instrument :

MSVOA_D

ClientSampleId :

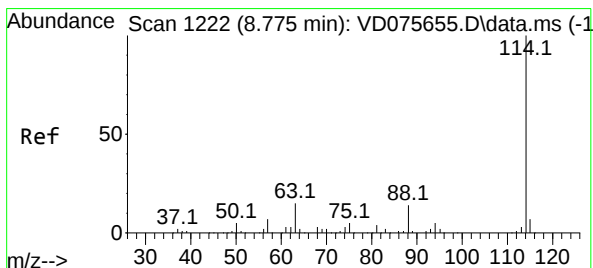
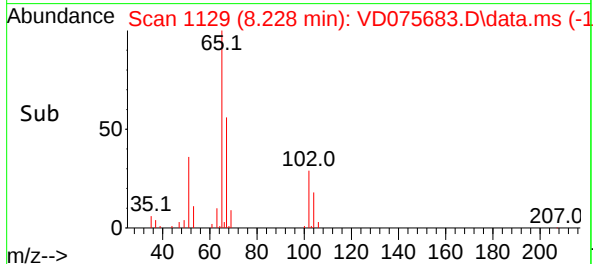
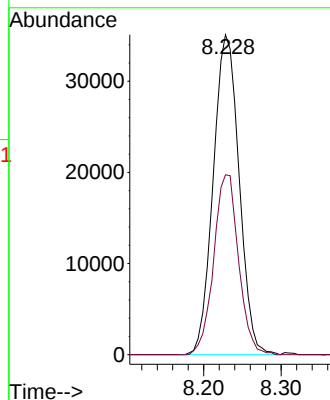
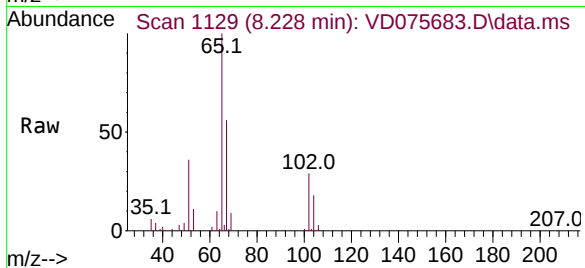
20230211-5-1

Tgt Ion: 65 Resp: 81411

Ion Ratio Lower Upper

65 100

67 54.0 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD075683.D

Acq: 14 Apr 2023 16:59

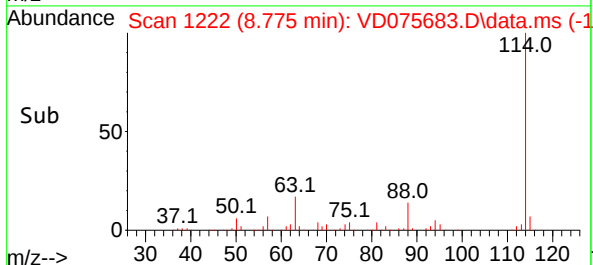
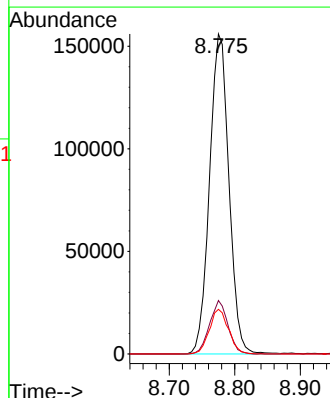
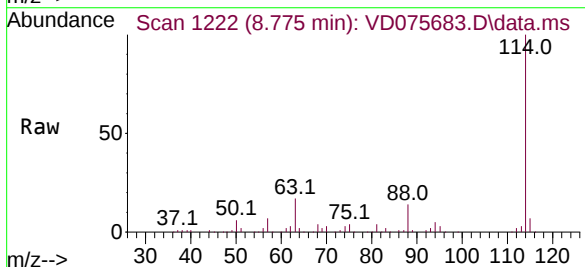
Tgt Ion: 114 Resp: 319933

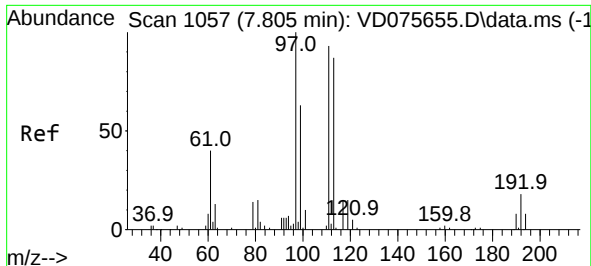
Ion Ratio Lower Upper

114 100

63 16.7 0.0 41.6

88 14.0 0.0 30.6



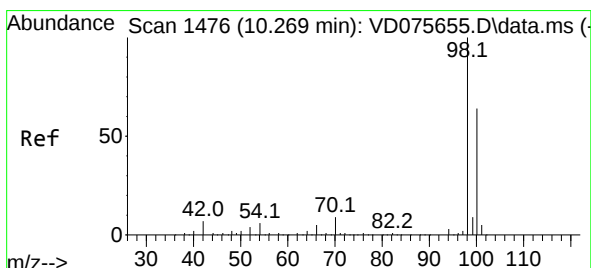
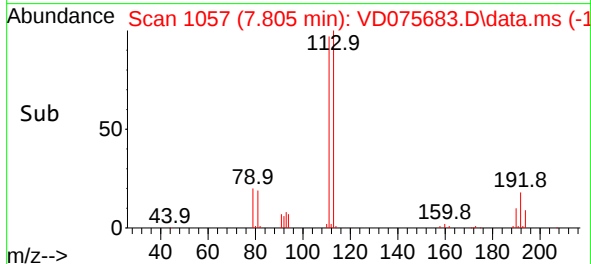
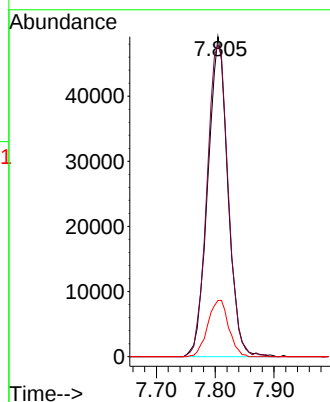
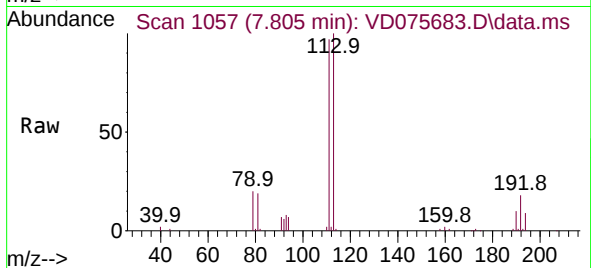


#35
 Dibromofluoromethane
 Concen: 54.271 ug/l
 RT: 7.805 min Scan# 1057
 Delta R.T. -0.000 min
 Lab File: VD075683.D
 Acq: 14 Apr 2023 16:59

Instrument :
 MSVOA_D
 ClientSampleId :
 20230211-5-1

Tgt Ion:113 Resp: 116783

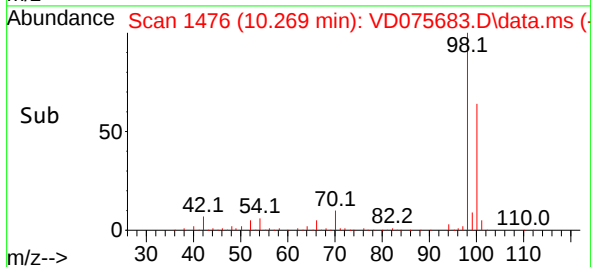
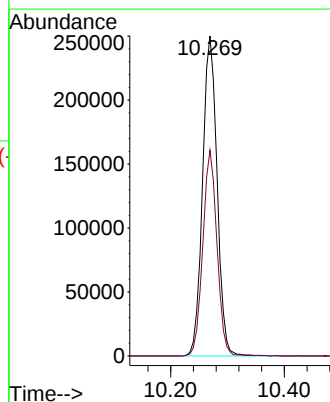
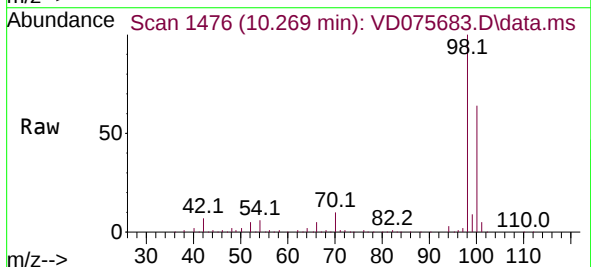
Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.4	122.0
192	18.3	15.2	22.8

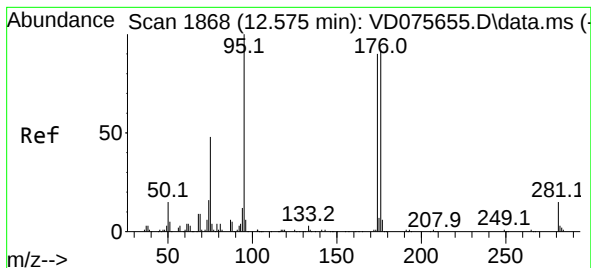


#50
 Toluene-d8
 Concen: 51.486 ug/l
 RT: 10.269 min Scan# 1476
 Delta R.T. 0.000 min
 Lab File: VD075683.D
 Acq: 14 Apr 2023 16:59

Tgt Ion: 98 Resp: 443670

Ion	Ratio	Lower	Upper
98	100		
100	62.6	52.1	78.1

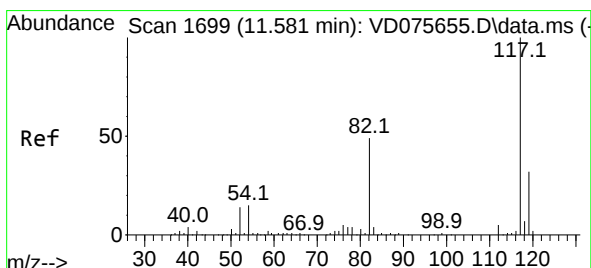
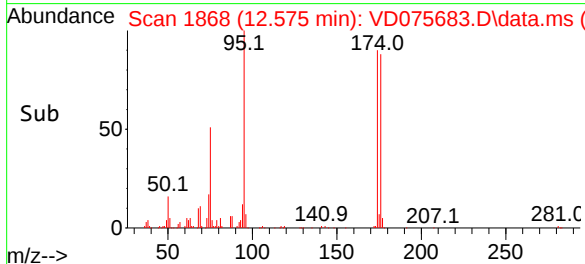
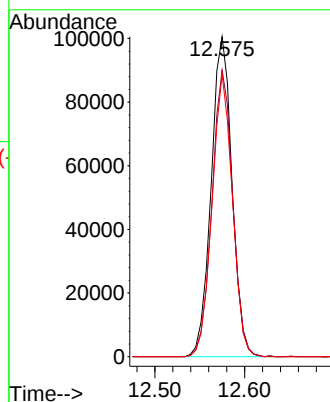
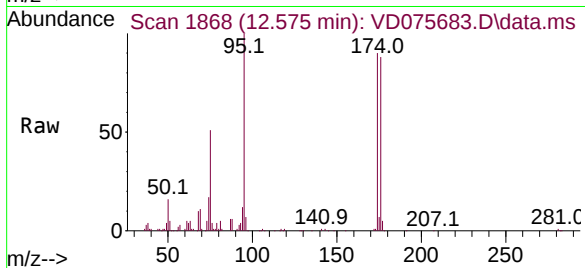




#62
4-Bromofluorobenzene
Concen: 70.730 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075683.D
Acq: 14 Apr 2023 16:59

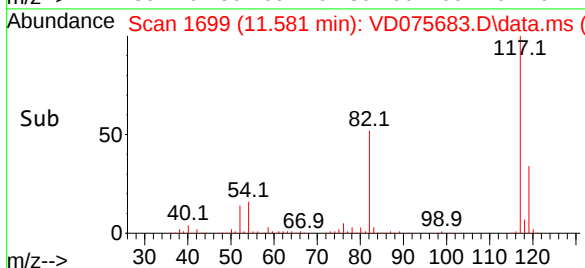
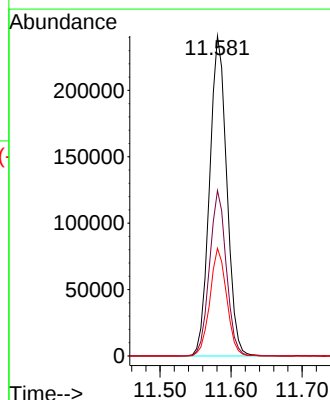
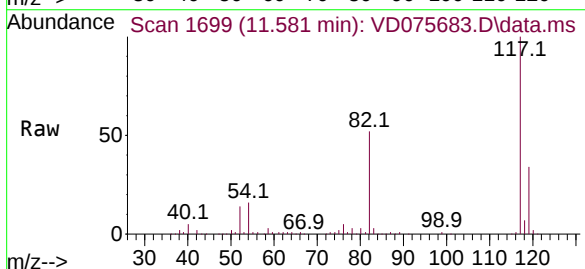
Instrument :
MSVOA_D
ClientSampleId :
20230211-5-1

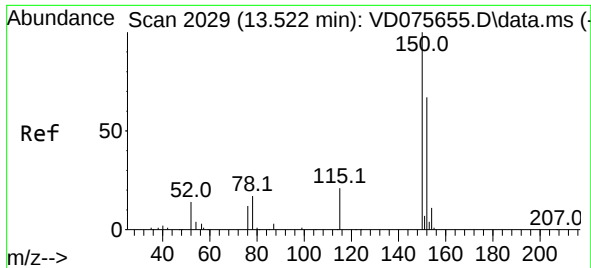
Tgt Ion: 95 Resp: 162005
Ion Ratio Lower Upper
95 100
174 89.1 0.0 164.0
176 86.2 0.0 156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD075683.D
Acq: 14 Apr 2023 16:59

Tgt Ion: 117 Resp: 405301
Ion Ratio Lower Upper
117 100
82 51.7 44.0 66.0
119 33.6 25.1 37.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 20

Delta R.T. -0.006 min

Lab File: VD075683.D

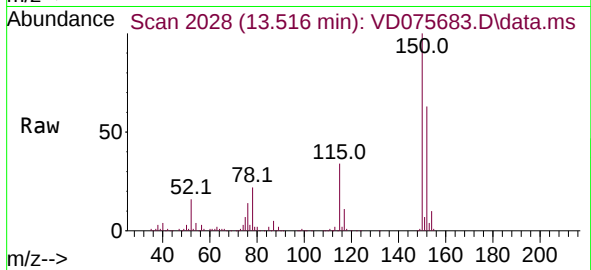
Acq: 14 Apr 2023 16:59

Instrument :

MSVOA_D

ClientSampleId :

20230211-5-1



Tgt Ion:152 Resp: 189389

Ion Ratio Lower Upper

152 100

115 54.5 30.1 90.3

150 157.8 0.0 364.8

