

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012023\
 Data File : VD075165.D
 Acq On : 20 Jan 2023 20:41
 Operator : KP/SY
 Sample : 01258-01
 Misc : 3.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WASTE-VOA-2

Quant Time: Jan 23 00:35:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 19 01:32:27 2023
 Response via : Initial Calibration

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

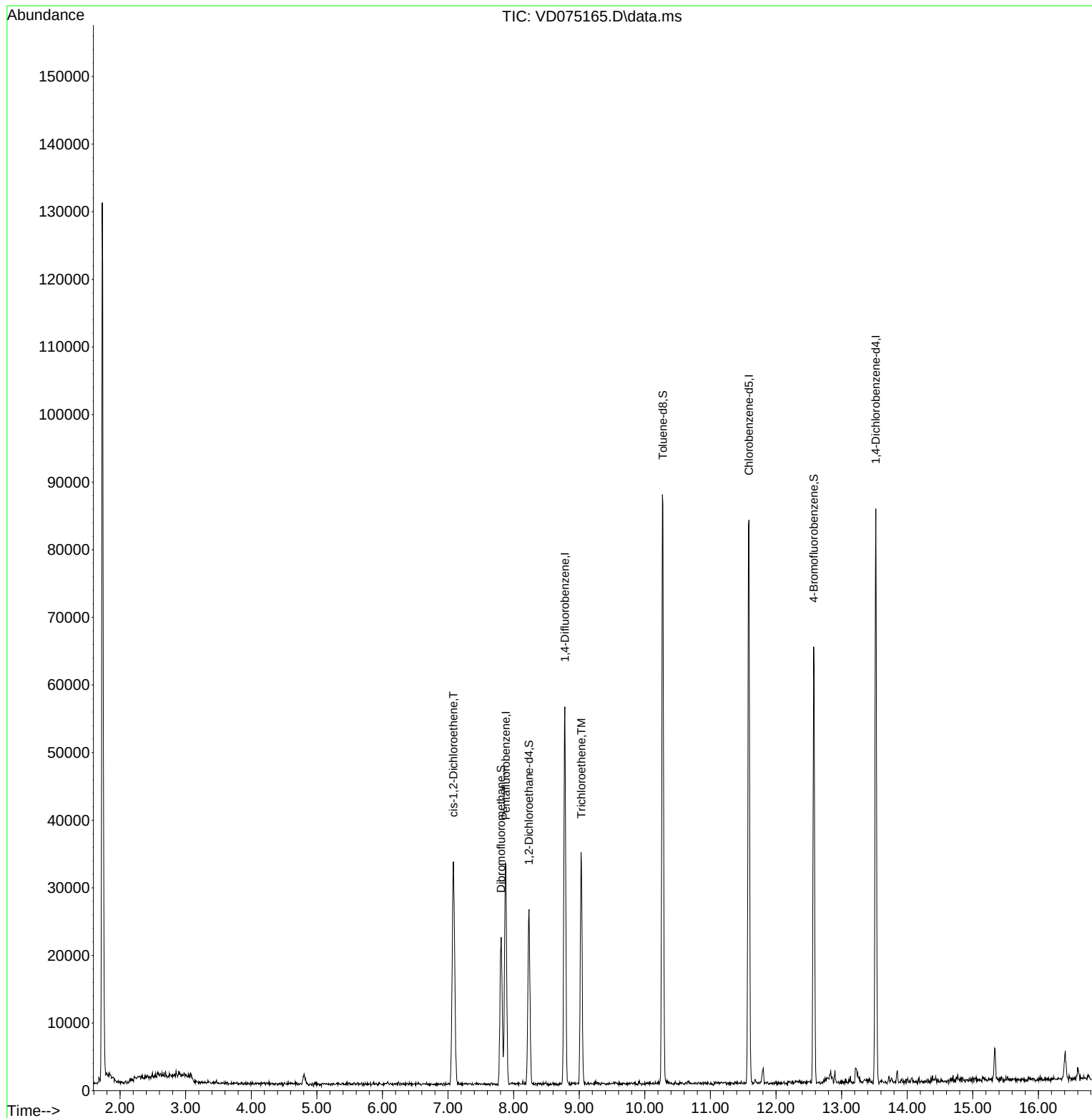
Internal Standards						
1) Pentafluorobenzene	7.881	168	24723	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	48713	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	48245	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	20922	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	19532	77.422	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	154.840%
35) Dibromofluoromethane	7.810	113	16653	56.574	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.140%
50) Toluene-d8	10.275	98	60592	52.280	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.560%
62) 4-Bromofluorobenzene	12.575	95	21856	59.419	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	118.840%
Target Compounds						
					Qvalue	
27) cis-1,2-Dichloroethene	7.081	96	20263	58.986	ug/l	91
44) Trichloroethene	9.034	130	12721	33.541	ug/l	90

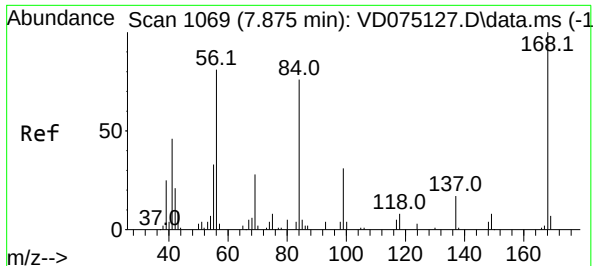
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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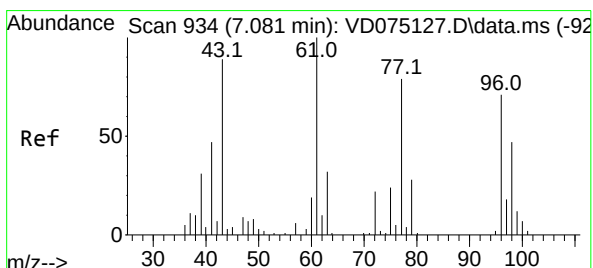
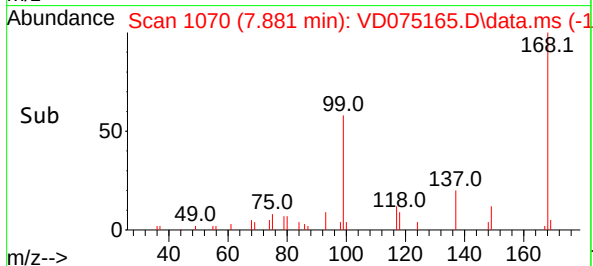
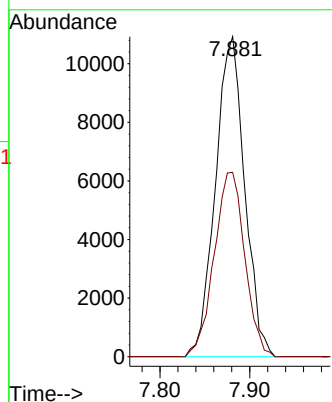
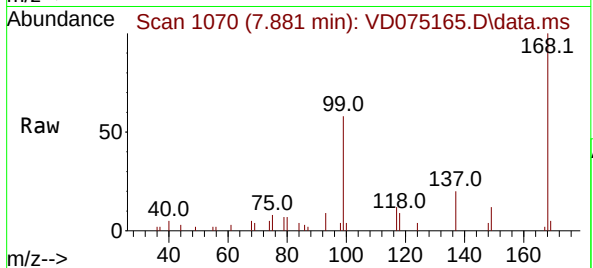




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD075165.D
Acq: 20 Jan 2023 20:41

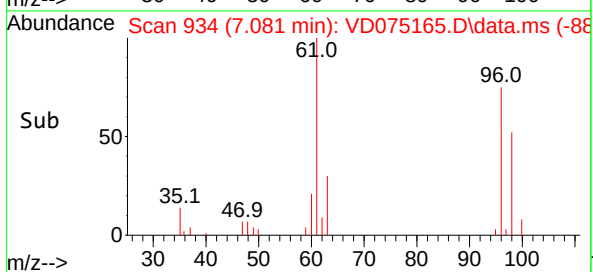
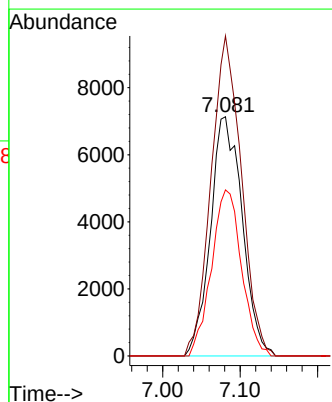
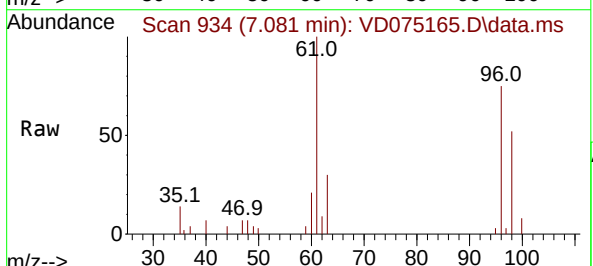
Instrument :
MSVOA_D
ClientSampleId :
WASTE-VOA-2

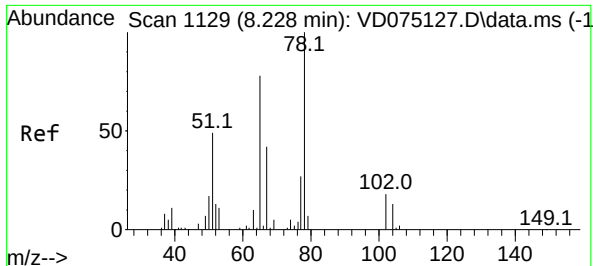
Tgt Ion:168 Resp: 24723
Ion Ratio Lower Upper
168 100
99 57.6 45.2 67.8



#27
cis-1,2-Dichloroethene
Concen: 58.986 ug/l
RT: 7.081 min Scan# 934
Delta R.T. -0.000 min
Lab File: VD075165.D
Acq: 20 Jan 2023 20:41

Tgt Ion: 96 Resp: 20263
Ion Ratio Lower Upper
96 100
61 127.9 0.0 287.4
98 65.9 0.0 129.8





#33

1,2-Dichloroethane-d4

Concen: 77.422 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD075165.D

Acq: 20 Jan 2023 20:41

Instrument :

MSVOA_D

ClientSampleId :

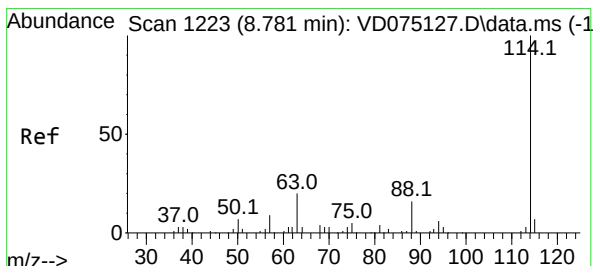
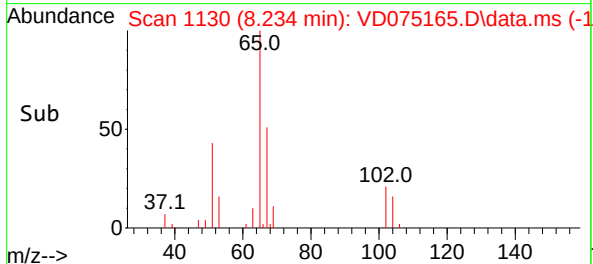
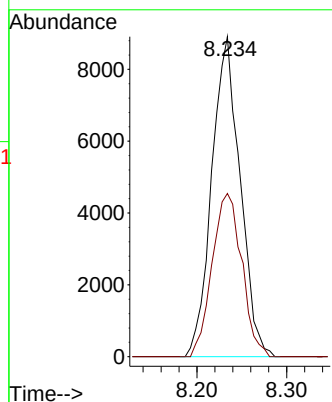
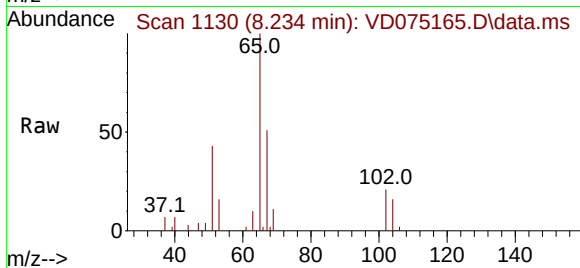
WASTE-VOA-2

Tgt Ion: 65 Resp: 19532

Ion Ratio Lower Upper

65 100

67 53.4 0.0 105.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. -0.000 min

Lab File: VD075165.D

Acq: 20 Jan 2023 20:41

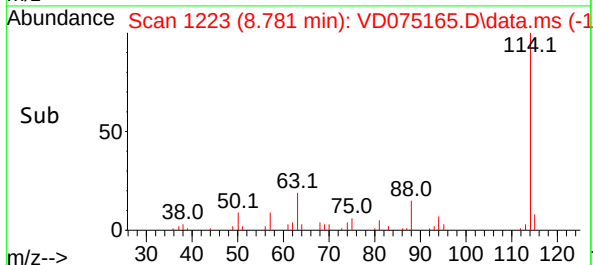
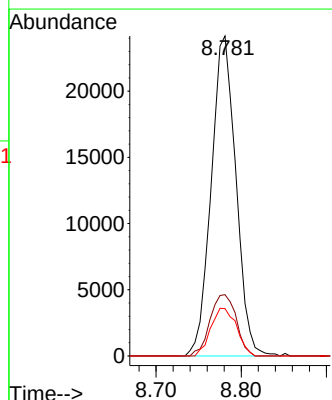
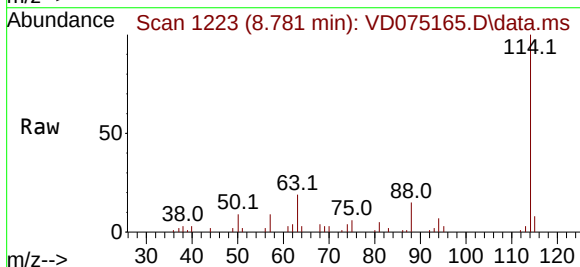
Tgt Ion: 114 Resp: 48713

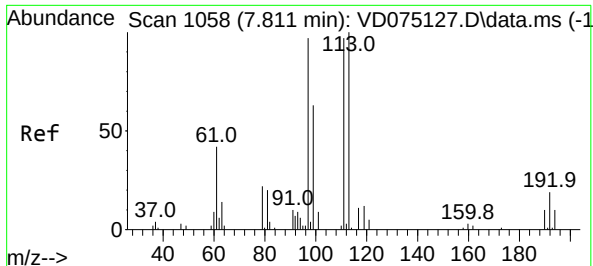
Ion Ratio Lower Upper

114 100

63 19.1 0.0 40.2

88 14.8 0.0 32.2

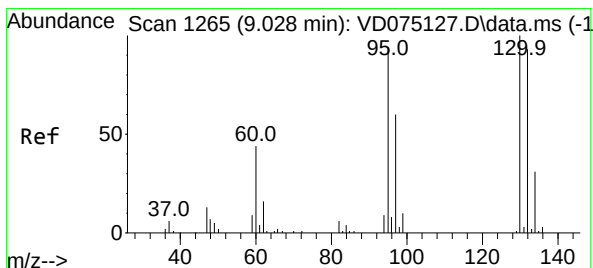
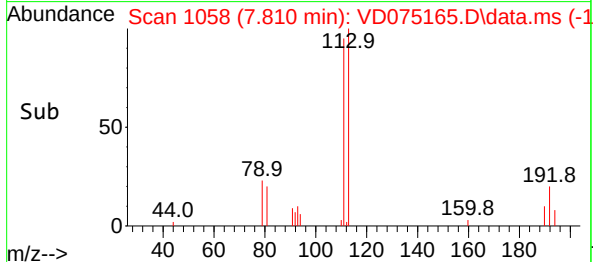
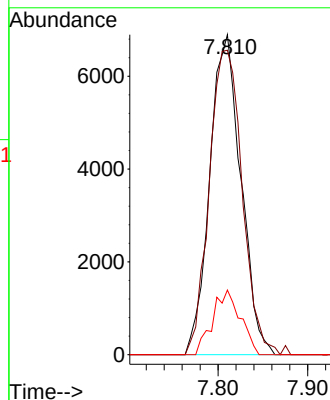
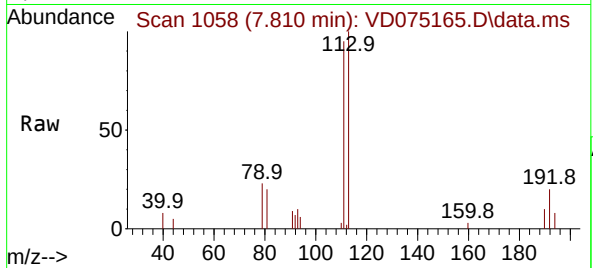




#35
 Dibromofluoromethane
 Concen: 56.574 ug/l
 RT: 7.810 min Scan# 1058
 Delta R.T. -0.000 min
 Lab File: VD075165.D
 Acq: 20 Jan 2023 20:41

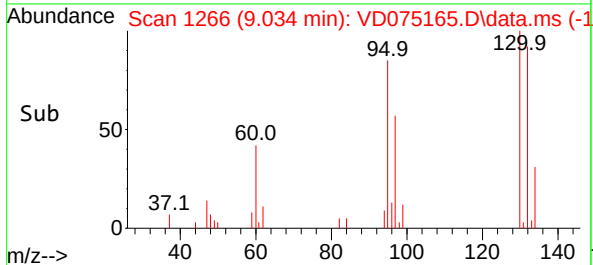
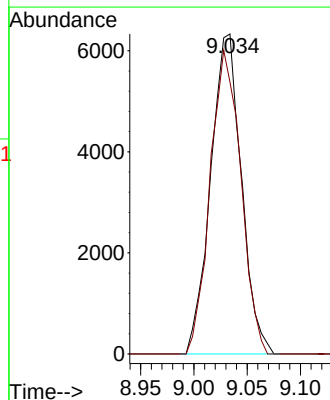
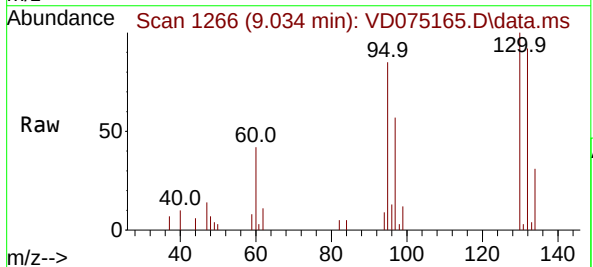
Instrument :
 MSVOA_D
 ClientSampleId :
 WASTE-VOA-2

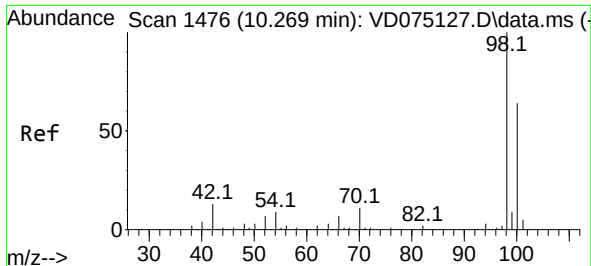
Tgt Ion:	113	Resp:	16653
Ion Ratio	Lower	Upper	
113	100		
111	100.6	80.1	120.1
192	18.0	15.4	23.0



#44
 Trichloroethene
 Concen: 33.541 ug/l
 RT: 9.034 min Scan# 1266
 Delta R.T. 0.006 min
 Lab File: VD075165.D
 Acq: 20 Jan 2023 20:41

Tgt Ion:	130	Resp:	12721
Ion Ratio	Lower	Upper	
130	100		
95	85.0	0.0	188.6

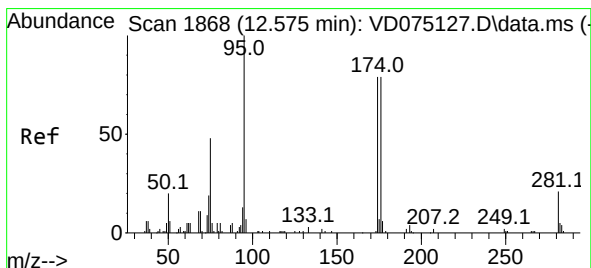
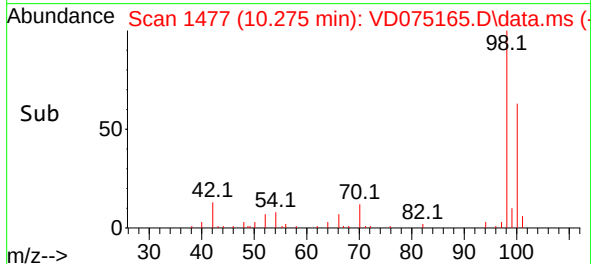
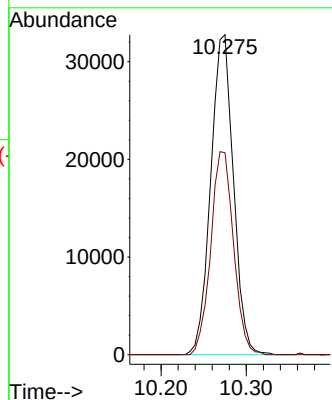
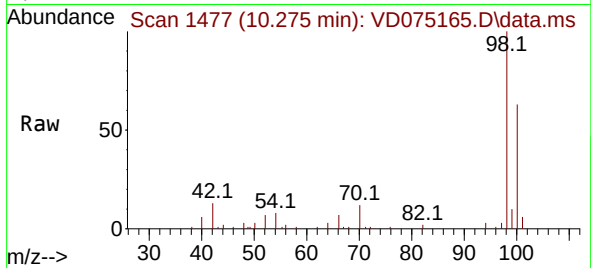




#50
Toluene-d8
Concen: 52.280 ug/l
RT: 10.275 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD075165.D
Acq: 20 Jan 2023 20:41

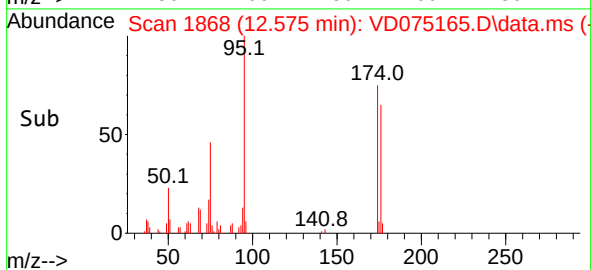
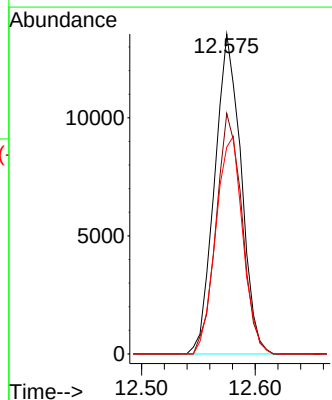
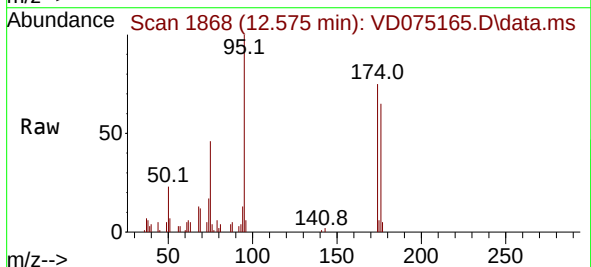
Instrument :
MSVOA_D
ClientSampleId :
WASTE-VOA-2

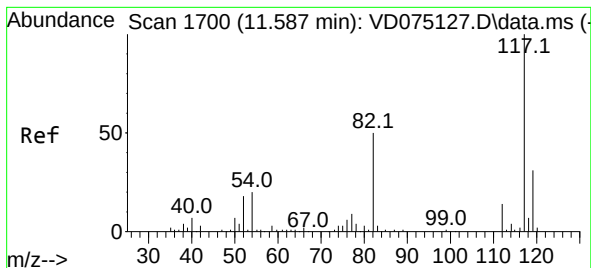
Tgt Ion: 98 Resp: 60592
Ion Ratio Lower Upper
98 100
100 63.7 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 59.419 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075165.D
Acq: 20 Jan 2023 20:41

Tgt Ion: 95 Resp: 21856
Ion Ratio Lower Upper
95 100
174 74.0 0.0 161.2
176 70.0 0.0 160.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.587 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD075165.D

Acq: 20 Jan 2023 20:41

Instrument :

MSVOA_D

ClientSampleId :

WASTE-VOA-2

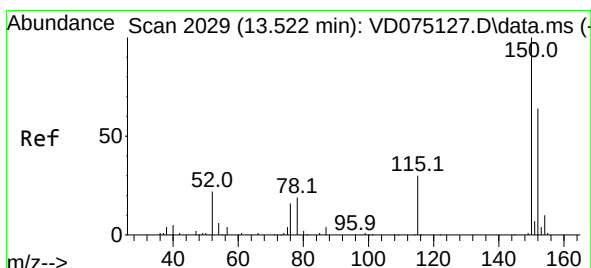
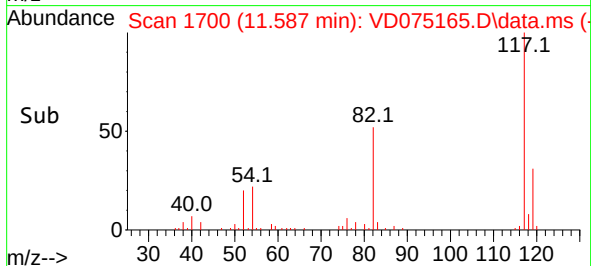
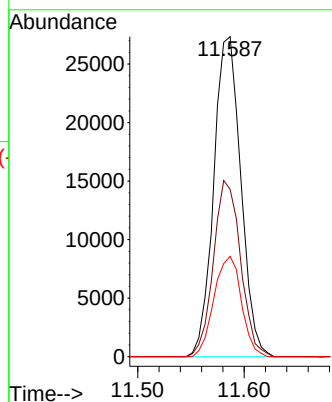
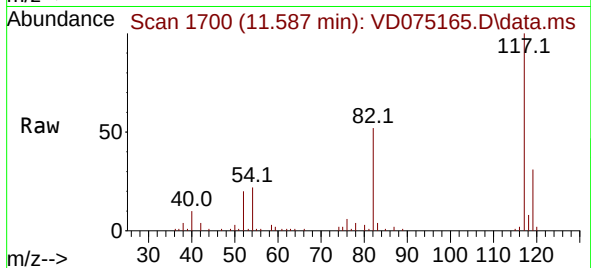
Tgt Ion:117 Resp: 48245

Ion Ratio Lower Upper

117 100

82 52.3 39.6 59.4

119 31.4 24.6 37.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 2029

Delta R.T. -0.000 min

Lab File: VD075165.D

Acq: 20 Jan 2023 20:41

Tgt Ion:152 Resp: 20922

Ion Ratio Lower Upper

152 100

115 62.3 28.8 86.4

150 162.4 0.0 348.6

