

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062323\
 Data File : VD076570.D
 Acq On : 23 Jun 2023 21:03
 Operator : KP/SY
 Sample : 03361-24
 Misc : 13.97G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TOTAL-VOC-SB-22-GRAB-5

Quant Time: Jun 24 01:01:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 19 04:51:45 2023
 Response via : Initial Calibration

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

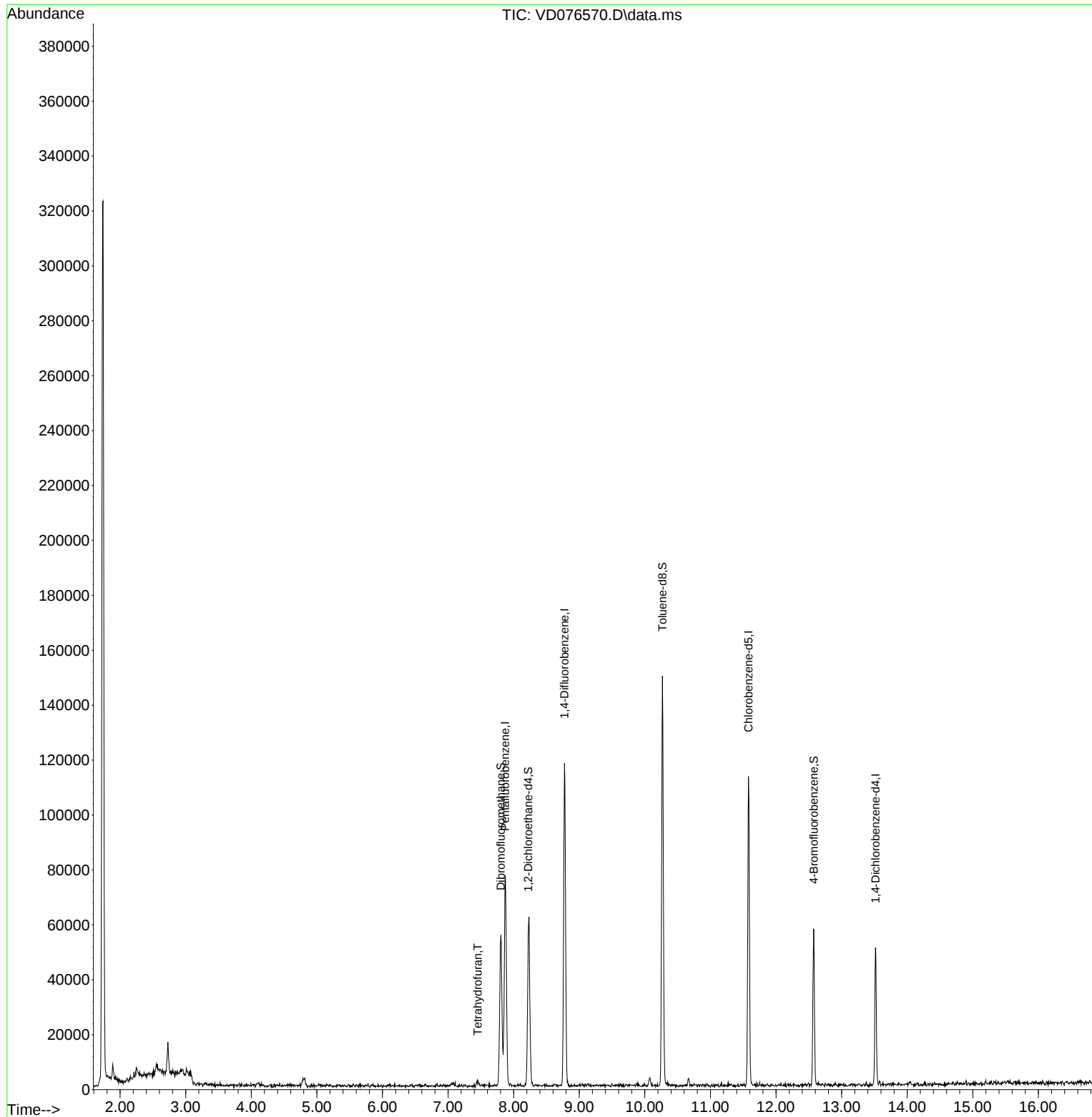
Internal Standards						
1) Pentafluorobenzene	7.869	168	57528	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	101202	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	62982	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	13004	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.222	65	44884	77.872	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	155.740%
35) Dibromofluoromethane	7.804	113	39232	65.255	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	130.520%
50) Toluene-d8	10.269	98	95926	42.072	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	84.140%
62) 4-Bromofluorobenzene	12.575	95	15866	21.441	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	42.880%
Target Compounds						
					Qvalue	
29) Tetrahydrofuran	7.452	42	1202	8.817	ug/l #	71

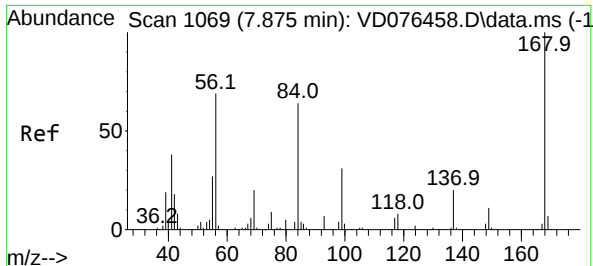
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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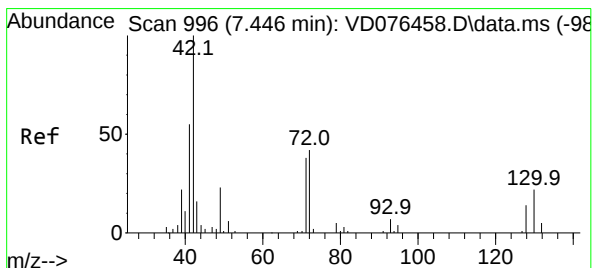
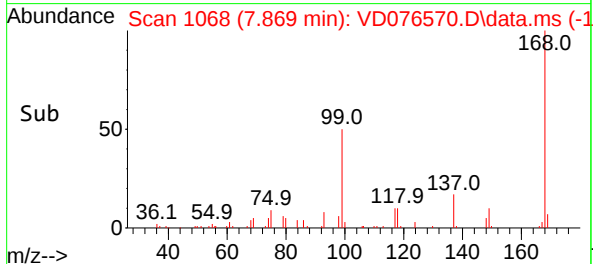
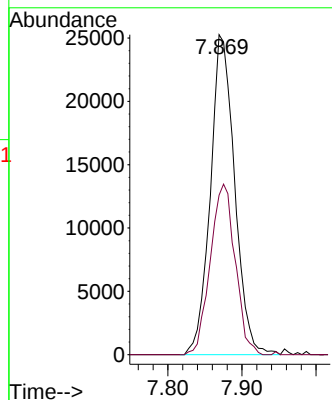
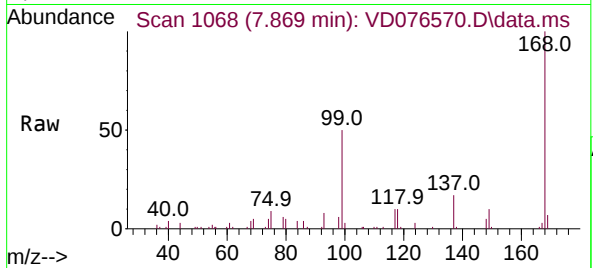




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD076570.D
Acq: 23 Jun 2023 21:03

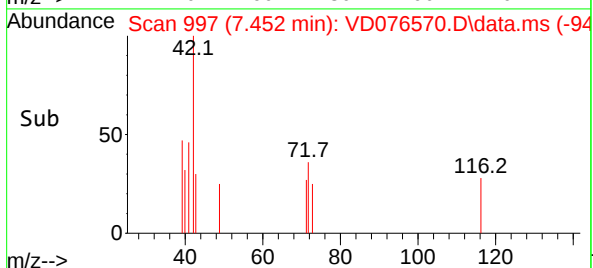
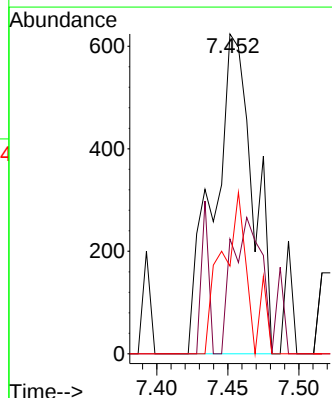
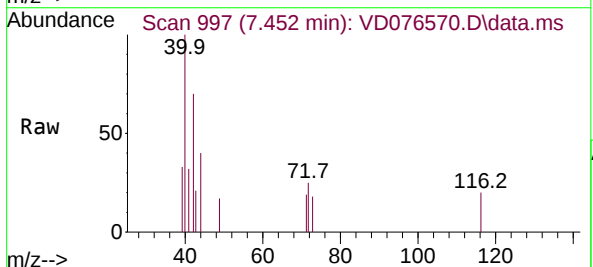
Instrument :
MSVOA_D
ClientSampleId :
TOTAL-VOC-SB-22-GRAB-5

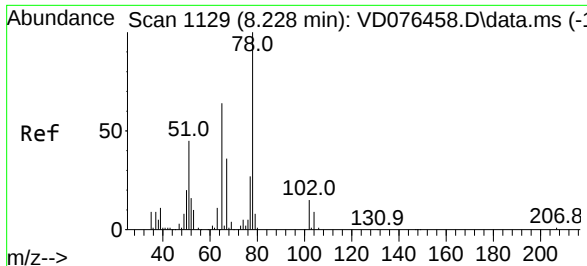
Tgt Ion:168 Resp: 57528
Ion Ratio Lower Upper
168 100
99 49.9 36.7 55.1



#29
Tetrahydrofuran
Concen: 8.817 ug/l
RT: 7.452 min Scan# 997
Delta R.T. 0.006 min
Lab File: VD076570.D
Acq: 23 Jun 2023 21:03

Tgt Ion: 42 Resp: 1202
Ion Ratio Lower Upper
42 100
72 36.7 46.5 69.7#
71 34.4 44.5 66.7#





#33

1,2-Dichloroethane-d4

Concen: 77.872 ug/l

RT: 8.222 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD076570.D

Acq: 23 Jun 2023 21:03

Instrument :

MSVOA_D

ClientSampleId :

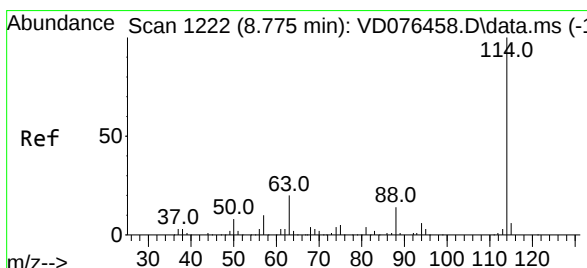
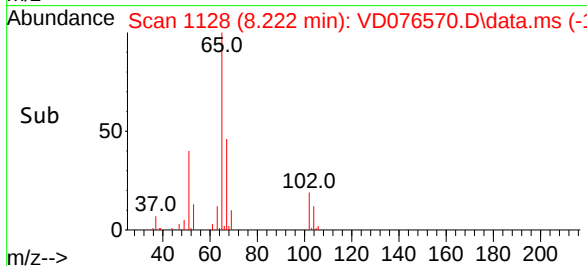
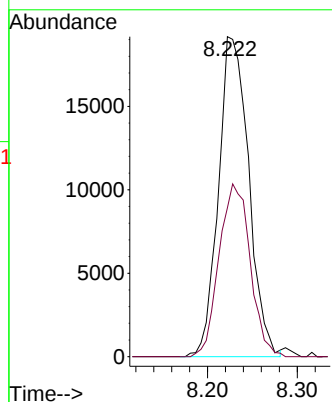
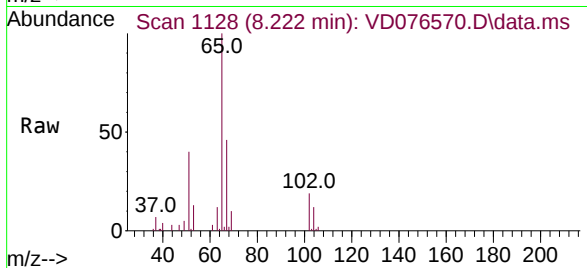
TOTAL-VOC-SB-22-GRAB-5

Tgt Ion: 65 Resp: 44884

Ion Ratio Lower Upper

65 100

67 55.4 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD076570.D

Acq: 23 Jun 2023 21:03

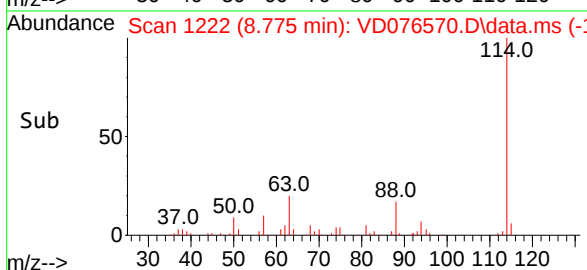
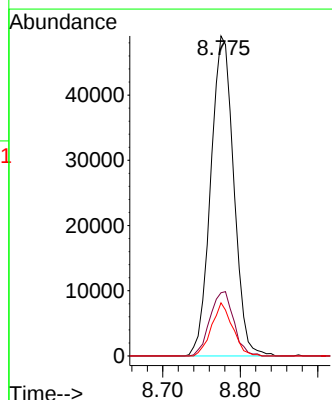
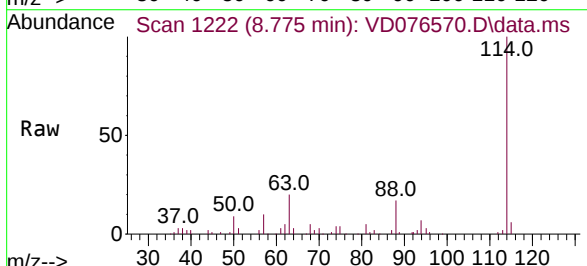
Tgt Ion: 114 Resp: 101202

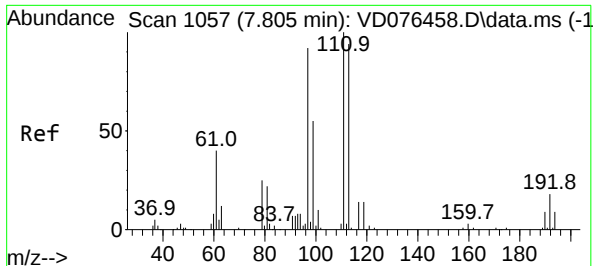
Ion Ratio Lower Upper

114 100

63 19.7 0.0 33.4

88 16.6 0.0 26.2

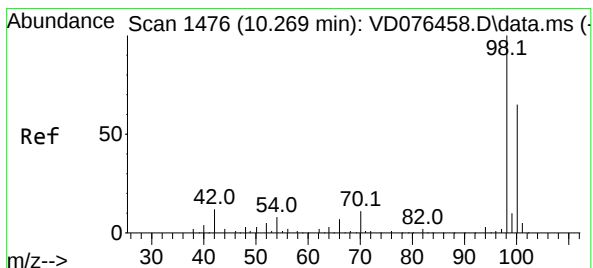
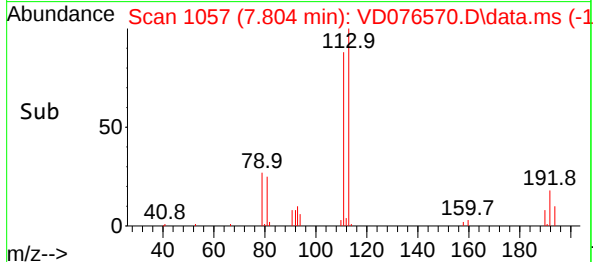
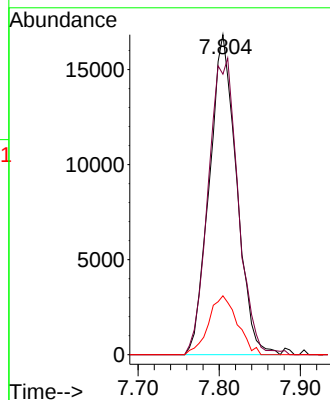
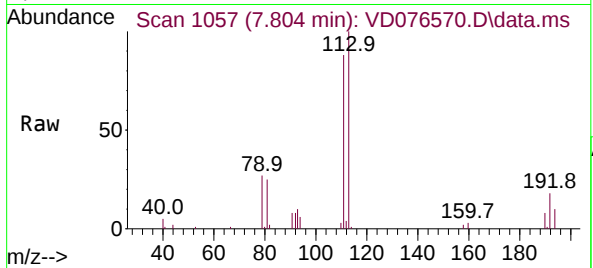




#35
Dibromofluoromethane
Concen: 65.255 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD076570.D
Acq: 23 Jun 2023 21:03

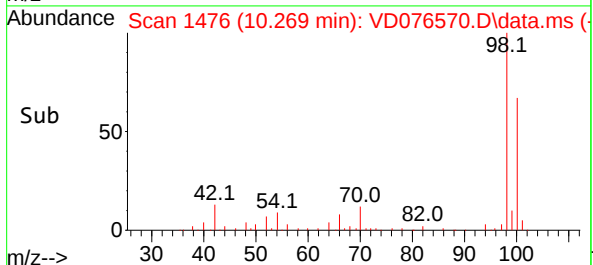
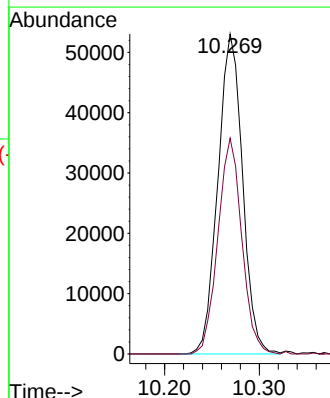
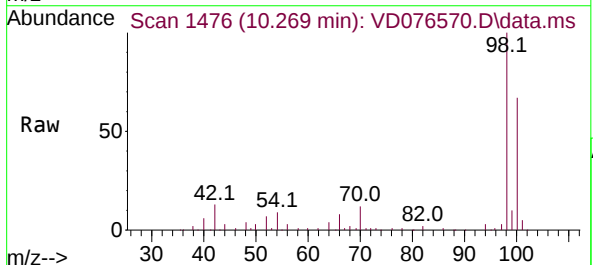
Instrument : MSVOA_D
ClientSampleId : TOTAL-VOC-SB-22-GRAB-5

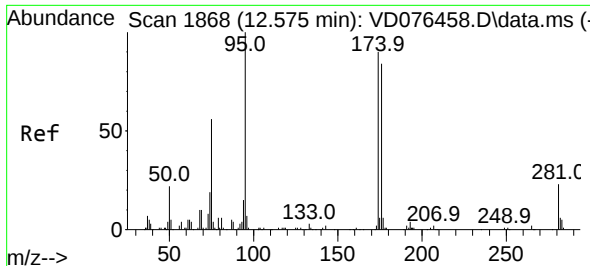
Tgt Ion:113	Resp:	39232	
Ion	Ratio	Lower	Upper
113	100		
111	101.4	84.7	127.1
192	19.4	16.8	25.2



#50
Toluene-d8
Concen: 42.072 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076570.D
Acq: 23 Jun 2023 21:03

Tgt Ion: 98	Resp:	95926	
Ion Ratio	Lower	Upper	
98 100			
100 65.4	50.3	75.5	

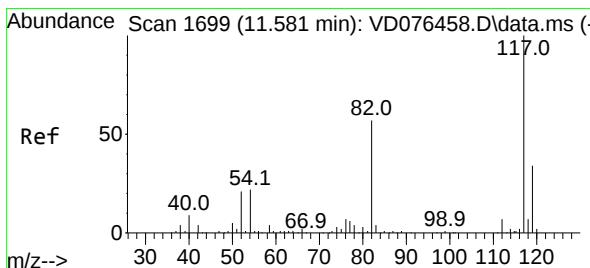
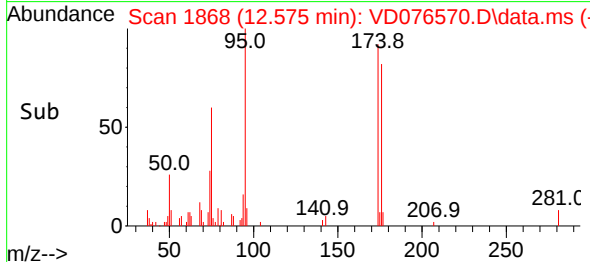
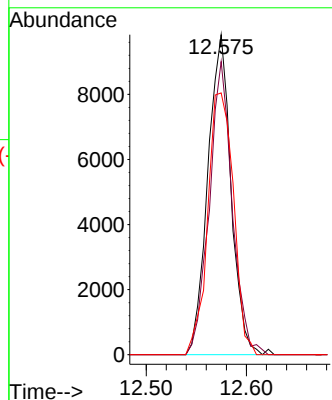
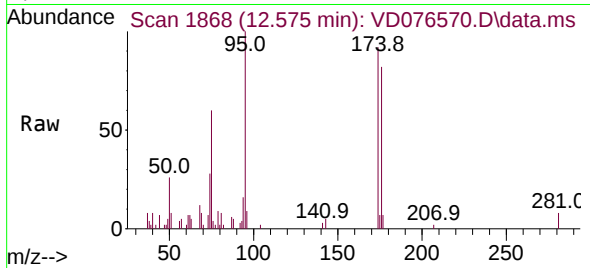




#62
4-Bromofluorobenzene
Concen: 21.441 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076570.D
Acq: 23 Jun 2023 21:03

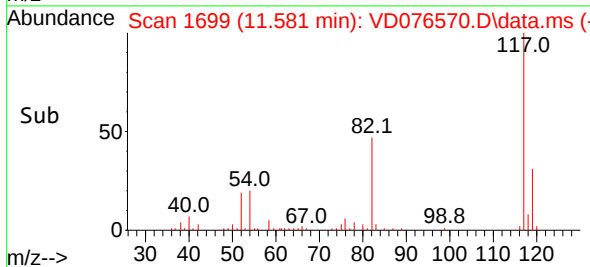
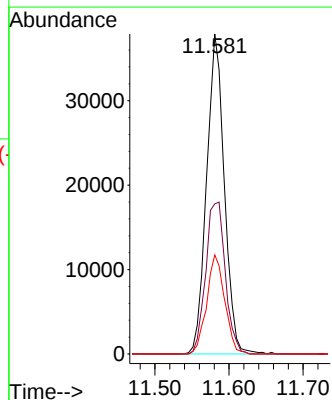
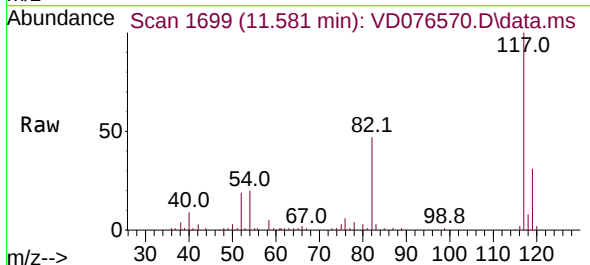
Instrument :
MSVOA_D
ClientSampleId :
TOTAL-VOC-SB-22-GRAB-5

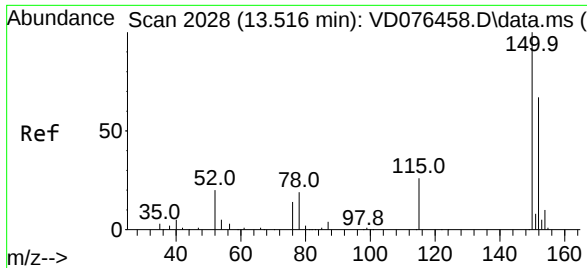
Tgt Ion:	95	Resp:	15866
Ion	Ratio	Lower	Upper
95	100		
174	90.4	0.0	201.8
176	90.6	0.0	191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076570.D
Acq: 23 Jun 2023 21:03

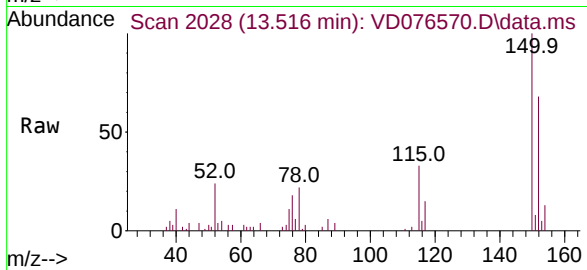
Tgt Ion:	117	Resp:	62982
Ion	Ratio	Lower	Upper
117	100		
82	46.9	38.3	57.5
119	30.9	25.0	37.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD076570.D
 Acq: 23 Jun 2023 21:03

Instrument :
 MSVOA_D
 ClientSampleId :
 TOTAL-VOC-SB-22-GRAB-5



Tgt Ion:152 Resp: 13004
 Ion Ratio Lower Upper
 152 100
 115 55.7 27.1 81.3
 150 148.0 0.0 353.6

