

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062623\
 Data File : VD076579.D
 Acq On : 26 Jun 2023 14:27
 Operator : KP/SY
 Sample : 03361-05RE
 Misc : 14.13G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TOTAL-VOC-SB-28-GRAB-5RE

Quant Time: Jun 27 04:26:51 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)

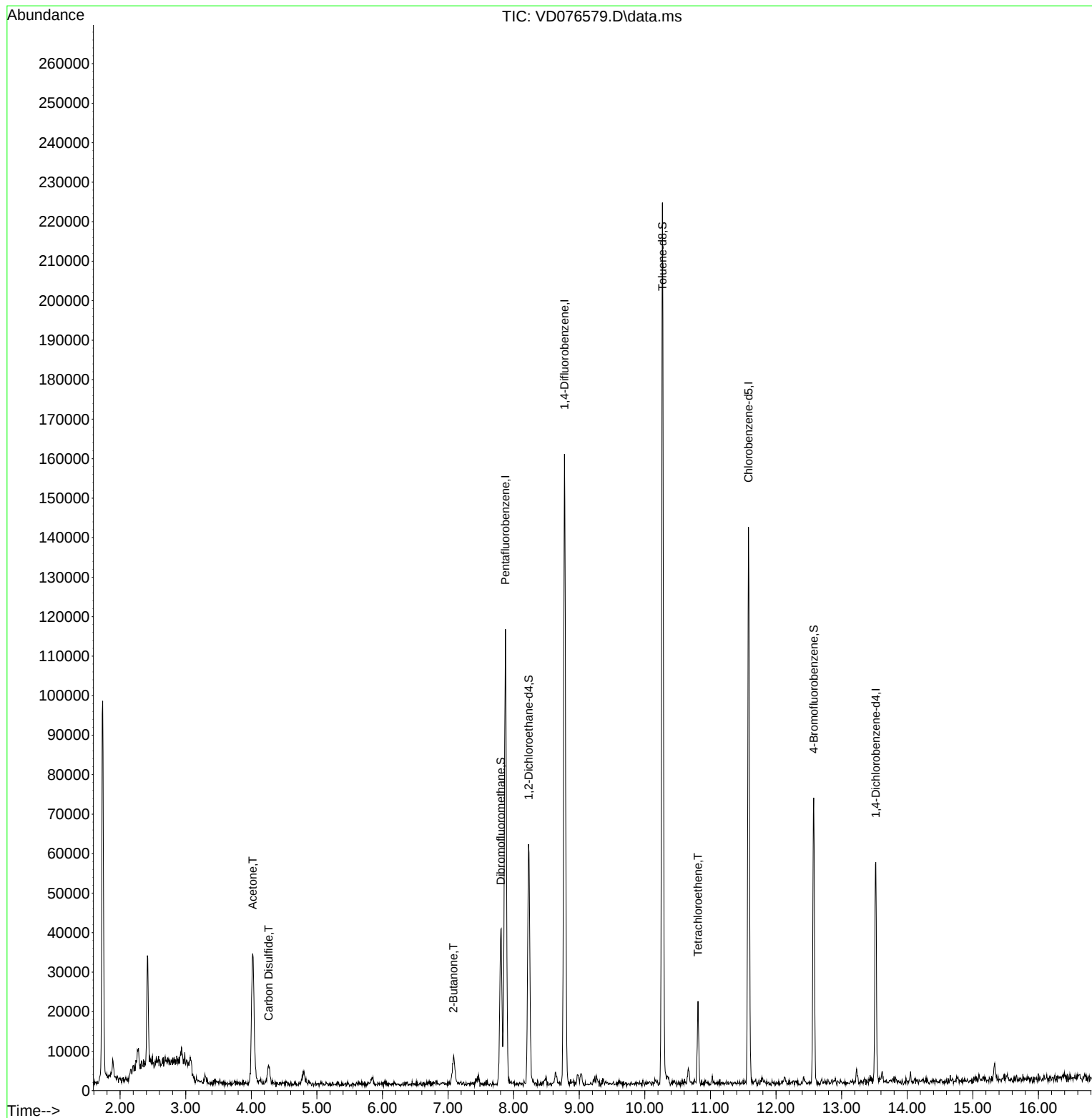
Internal Standards						
1) Pentafluorobenzene	7.875	168	85334	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	135803	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	77637	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	14700	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	47811	55.921	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.840%
35) Dibromofluoromethane	7.804	113	29014	35.964	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	71.920%
50) Toluene-d8	10.269	98	146618	47.920	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.840%
62) 4-Bromofluorobenzene	12.575	95	21415	21.567	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	43.140%
Target Compounds						
					Qvalue	
16) Acetone	4.022	43	57765	283.926	ug/l	92
17) Carbon Disulfide	4.263	76	9423	4.417	ug/l #	95
25) 2-Butanone	7.081	43	9799	31.140	ug/l #	82
64) Tetrachloroethene	10.810	164	4098	8.794	ug/l #	80

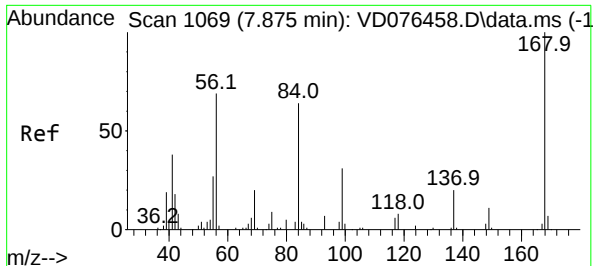
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062623\
Data File : VD076579.D
Acq On : 26 Jun 2023 14:27
Operator : KP/SY
Sample : 03361-05RE
Misc : 14.13G/5.0ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TOTAL-VOC-SB-28-GRAB-5RE

Quant Time: Jun 27 04:26:51 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

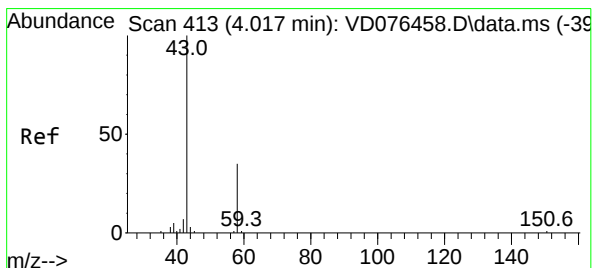
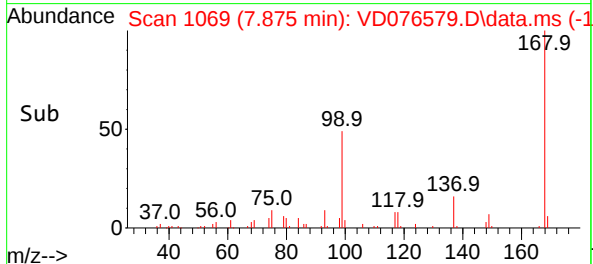
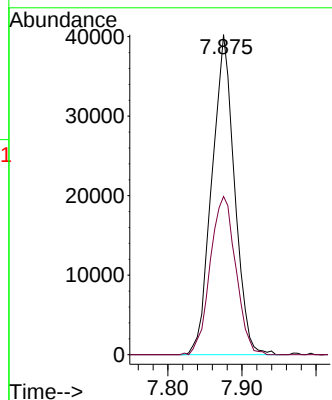
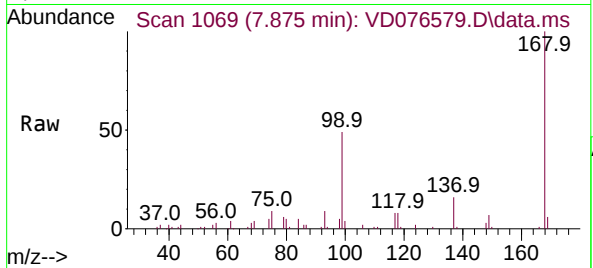




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076579.D
Acq: 26 Jun 2023 14:27

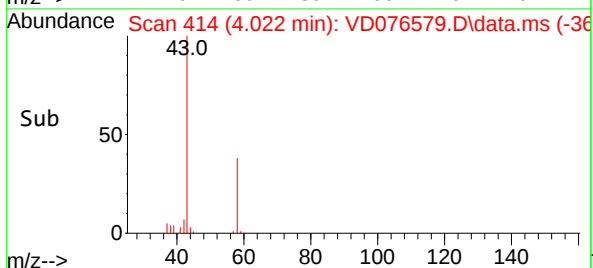
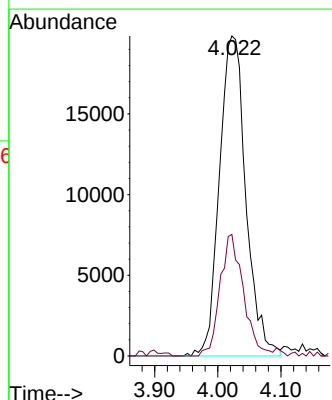
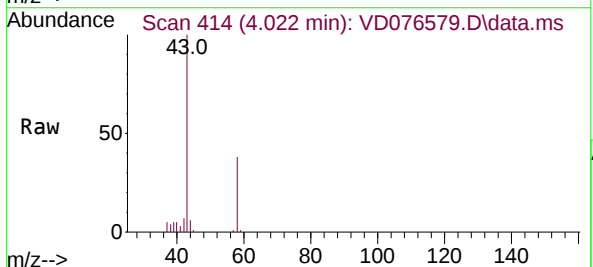
Instrument :
MSVOA_D
ClientSampleId :
TOTAL-VOC-SB-28-GRAB-5RE

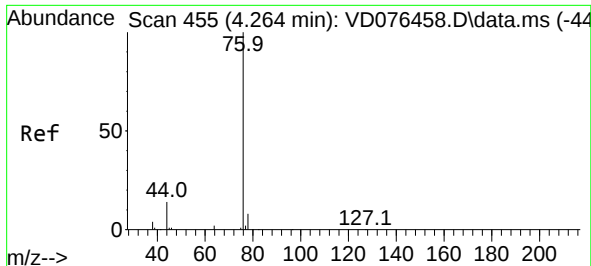
Tgt Ion:168 Resp: 85334
Ion Ratio Lower Upper
168 100
99 49.5 36.7 55.1



#16
Acetone
Concen: 283.926 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD076579.D
Acq: 26 Jun 2023 14:27

Tgt Ion: 43 Resp: 57765
Ion Ratio Lower Upper
43 100
58 38.0 34.7 52.1

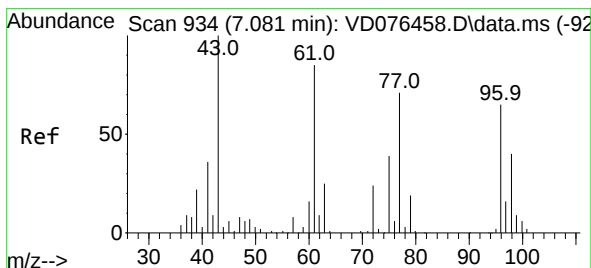
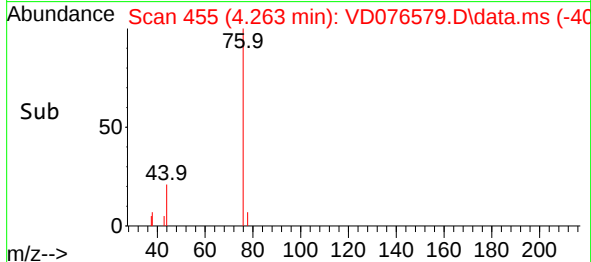
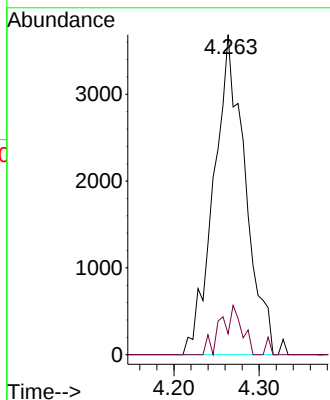
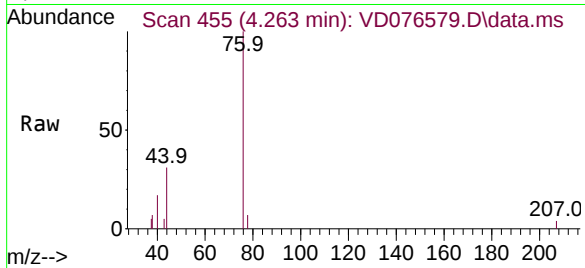




#17
Carbon Disulfide
Concen: 4.417 ug/l
RT: 4.263 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD076579.D
Acq: 26 Jun 2023 14:27

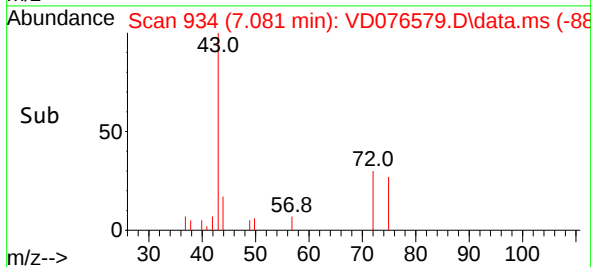
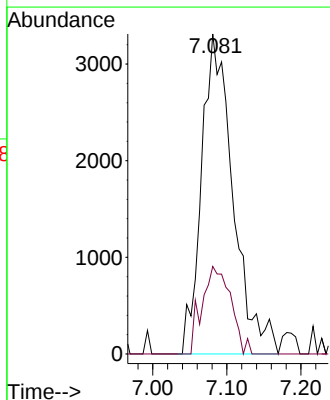
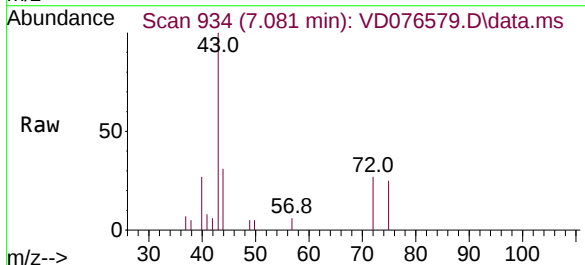
Instrument :
MSVOA_D
ClientSampleId :
TOTAL-VOC-SB-28-GRAB-5RE

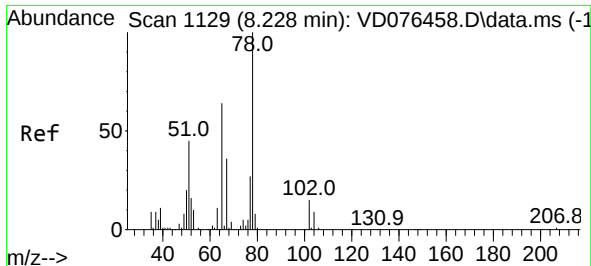
Tgt Ion: 76 Resp: 9423
Ion Ratio Lower Upper
76 100
78 6.6 6.8 10.2#



#25
2-Butanone
Concen: 31.140 ug/l
RT: 7.081 min Scan# 934
Delta R.T. -0.000 min
Lab File: VD076579.D
Acq: 26 Jun 2023 14:27

Tgt Ion: 43 Resp: 9799
Ion Ratio Lower Upper
43 100
72 27.4 30.7 46.1#





#33

1,2-Dichloroethane-d4

Concen: 55.921 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD076579.D

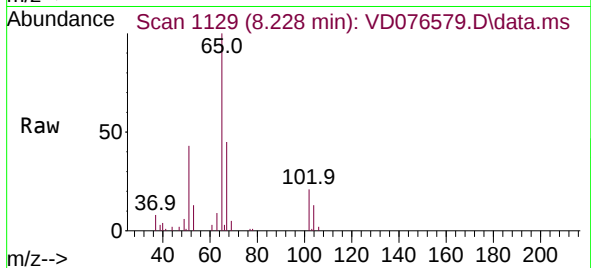
Acq: 26 Jun 2023 14:27

Instrument :

MSVOA_D

ClientSampleId :

TOTAL-VOC-SB-28-GRAB-5RE

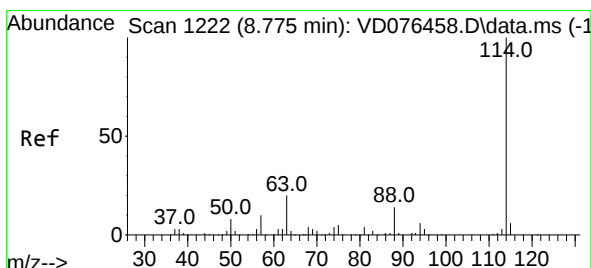
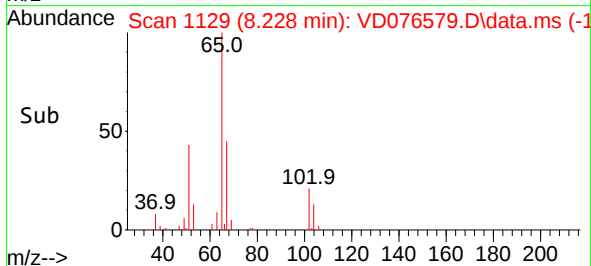
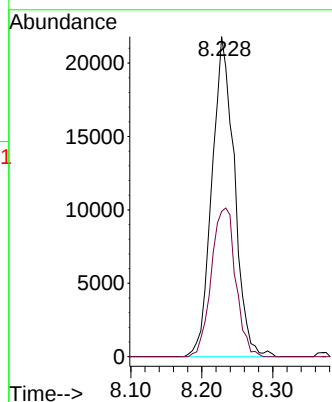


Tgt Ion: 65 Resp: 47811

Ion Ratio Lower Upper

65 100

67 50.3 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: VD076579.D

Acq: 26 Jun 2023 14:27

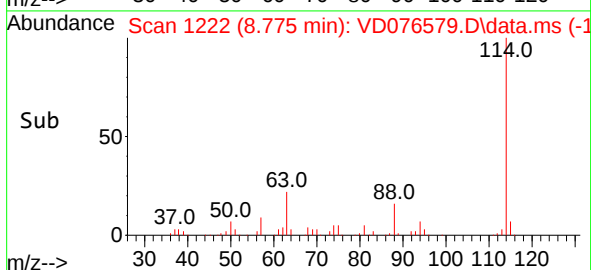
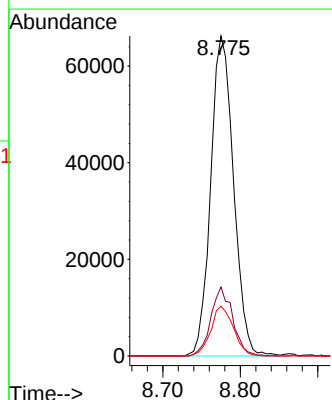
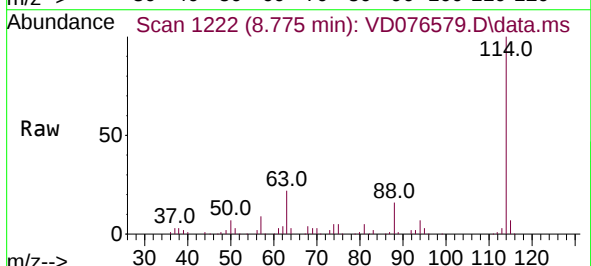
Tgt Ion: 114 Resp: 135803

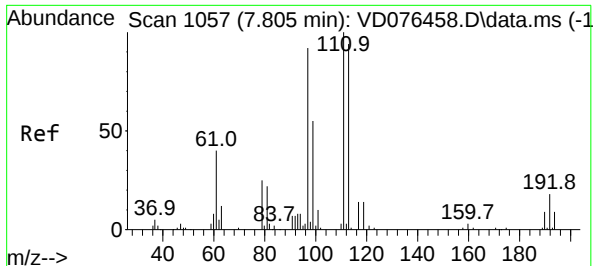
Ion Ratio Lower Upper

114 100

63 21.6 0.0 33.4

88 15.6 0.0 26.2





#35

Dibromofluoromethane

Concen: 35.964 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076579.D

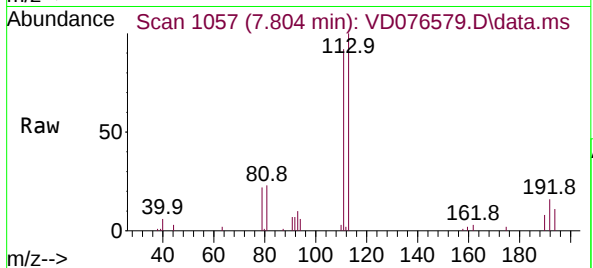
Acq: 26 Jun 2023 14:27

Instrument :

MSVOA_D

ClientSampleId :

TOTAL-VOC-SB-28-GRAB-5RE



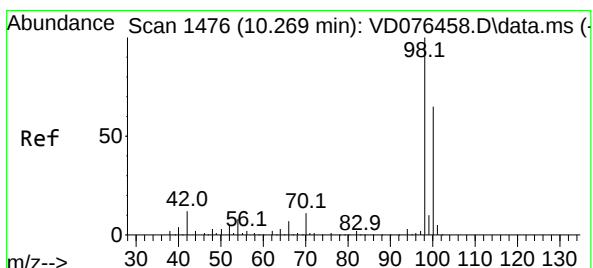
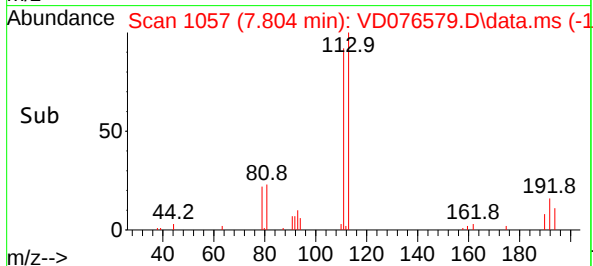
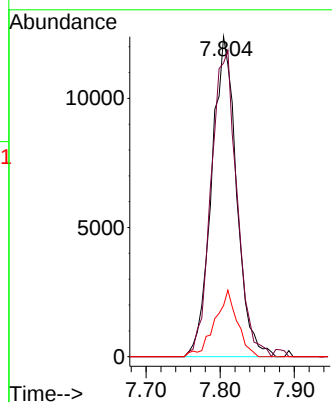
Tgt Ion:113 Resp: 29014

Ion Ratio Lower Upper

113 100

111 98.8 84.7 127.1

192 18.8 16.8 25.2



#50

Toluene-d8

Concen: 47.920 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD076579.D

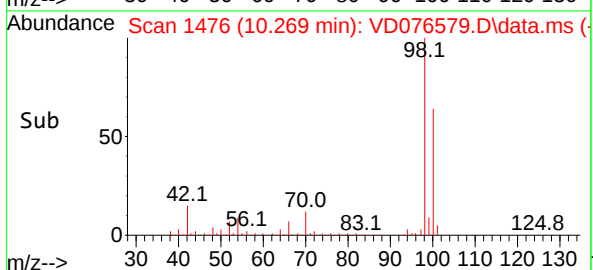
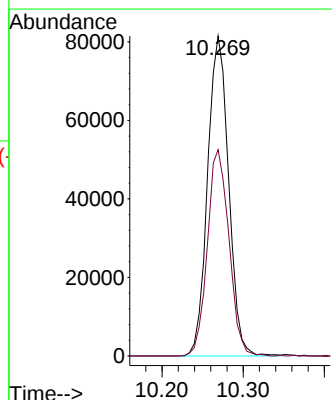
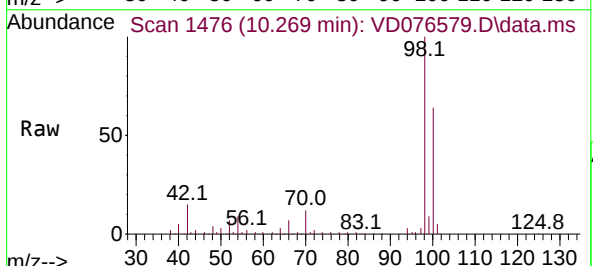
Acq: 26 Jun 2023 14:27

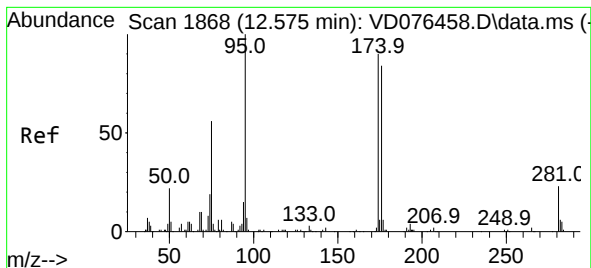
Tgt Ion: 98 Resp: 146618

Ion Ratio Lower Upper

98 100

100 66.1 50.3 75.5

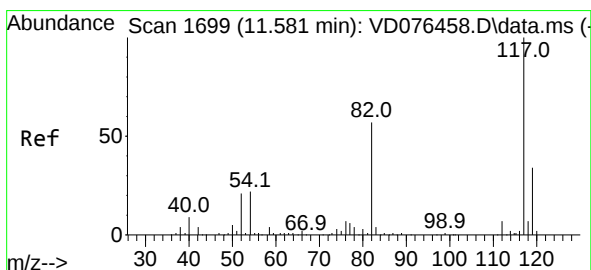
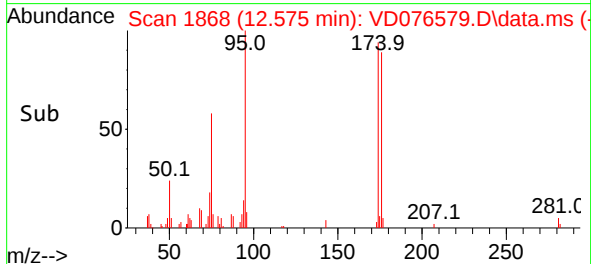
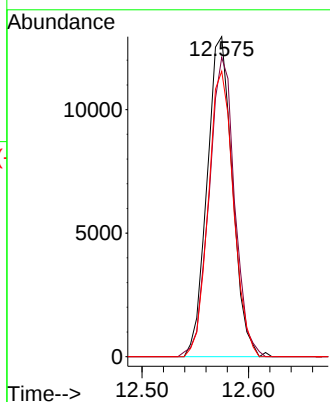
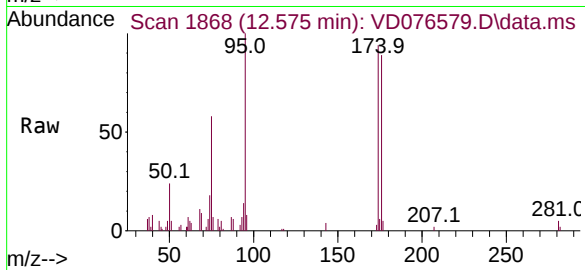




#62
4-Bromofluorobenzene
Concen: 21.567 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076579.D
Acq: 26 Jun 2023 14:27

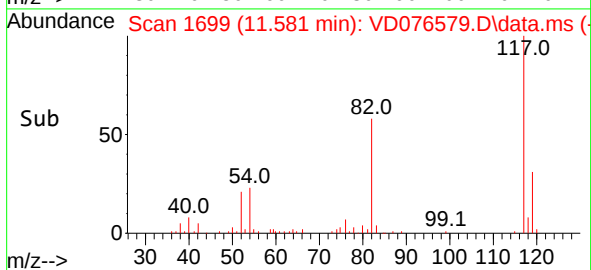
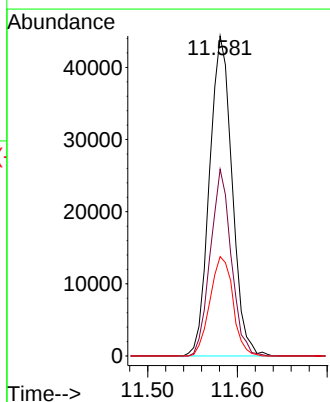
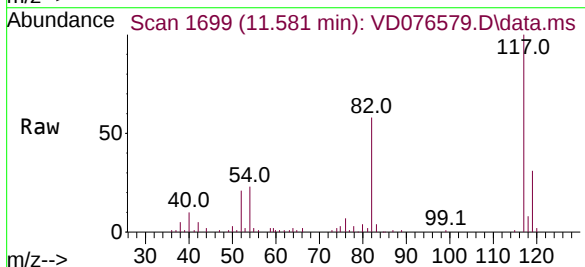
Instrument :
MSVOA_D
ClientSampleId :
TOTAL-VOC-SB-28-GRAB-5RE

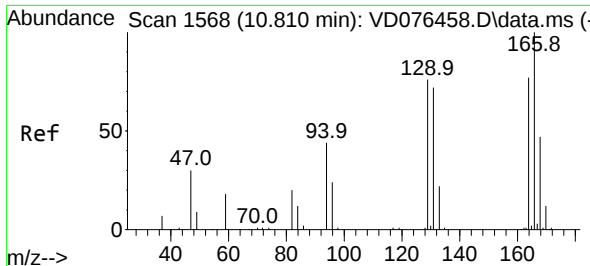
Tgt Ion:	95	Resp:	21415
Ion	Ratio	Lower	Upper
95	100		
174	94.1	0.0	201.8
176	88.7	0.0	191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076579.D
Acq: 26 Jun 2023 14:27

Tgt Ion:	117	Resp:	77637
Ion	Ratio	Lower	Upper
117	100		
82	58.3	38.3	57.5#
119	31.0	25.0	37.4

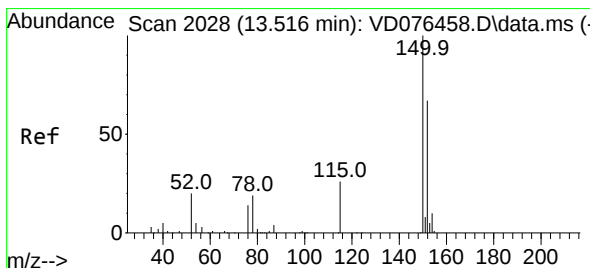
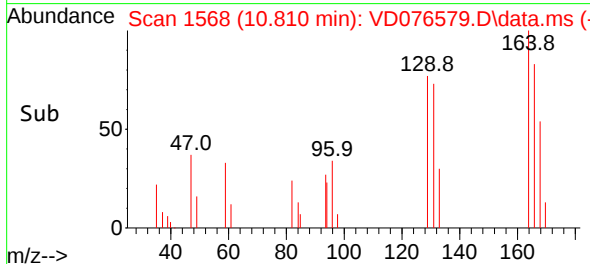
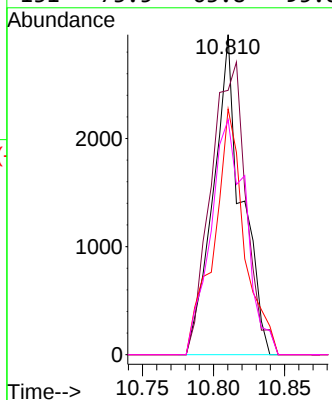
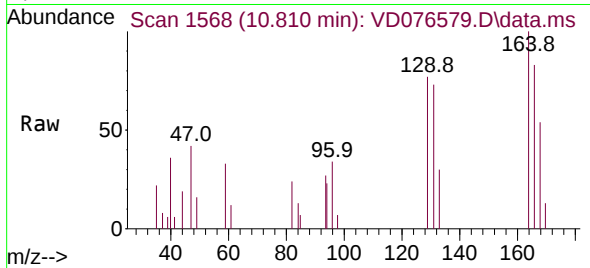




#64
Tetrachloroethene
Concen: 8.794 ug/l
RT: 10.810 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076579.D
Acq: 26 Jun 2023 14:27

Instrument :
MSVOA_D
ClientSampleId :
TOTAL-VOC-SB-28-GRAB-5RE

Tgt Ion:164 Resp: 4098
Ion Ratio Lower Upper
164 100
166 82.6 99.2 148.8#
129 76.8 68.4 102.6
131 73.5 63.8 95.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD076579.D
Acq: 26 Jun 2023 14:27

Tgt Ion:152 Resp: 14700
Ion Ratio Lower Upper
152 100
115 57.3 27.1 81.3
150 154.0 0.0 353.6

