

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062323\
 Data File : VD076568.D
 Acq On : 23 Jun 2023 20:03
 Operator : KP/SY
 Sample : 03361-17
 Misc : 9.69G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TOTAL-VOC-SB-23-GRAB-5

Quant Time: Jun 24 01:00:22 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)

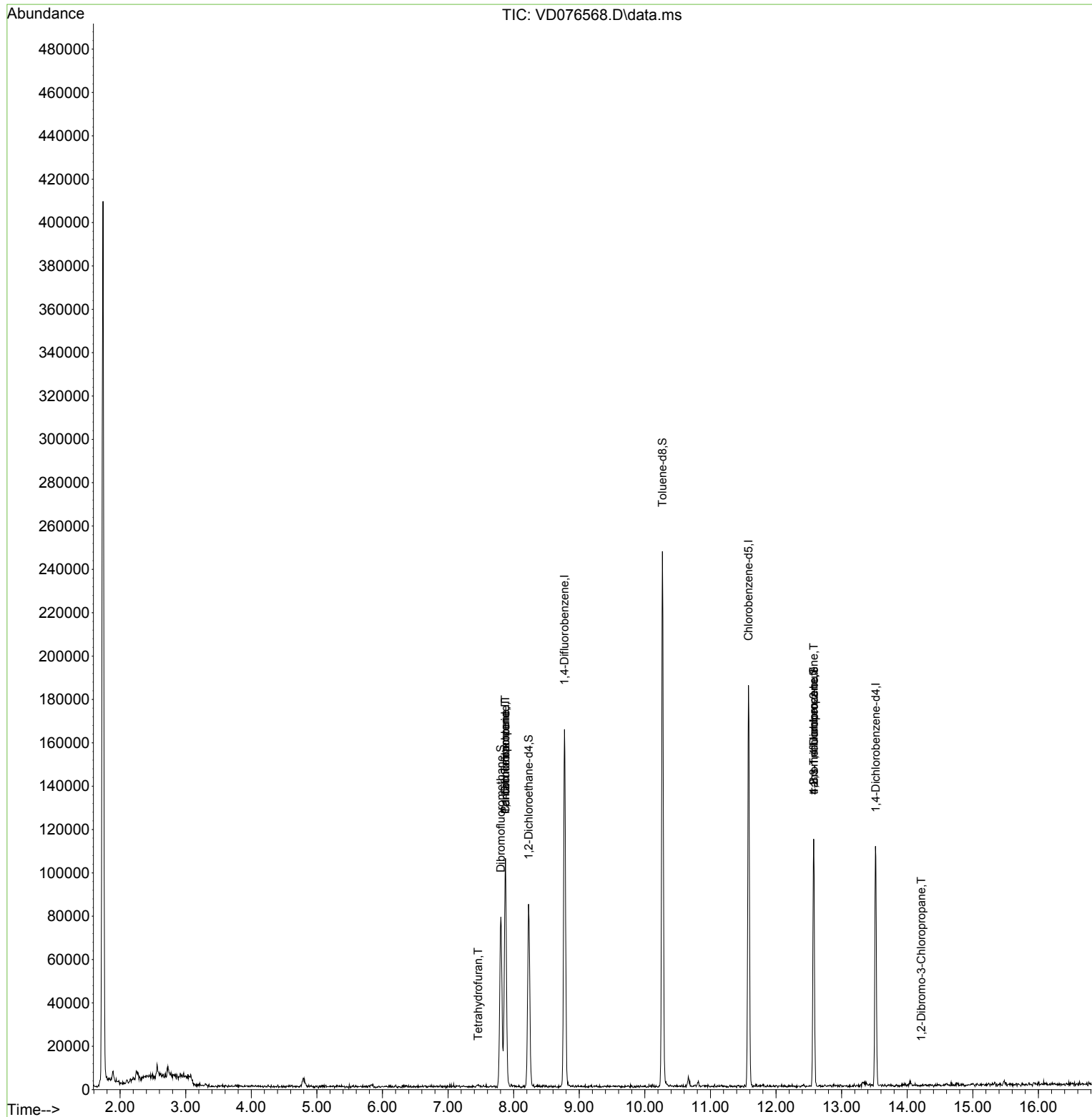
Internal Standards						
1) Pentafluorobenzene	7.875	168	78381	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	142587	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	100669	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	29184	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	63103	80.354	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 160.700%	
35) Dibromofluoromethane	7.804	113	55737	65.800	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 131.600%	
50) Toluene-d8	10.269	98	163997	51.050	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.100%	
62) 4-Bromofluorobenzene	12.575	95	32050	30.741	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 61.480%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.799	84	2671	Below Cal		90
28) Bromochloromethane	7.334	49	57	Below Cal	#	1
29) Tetrahydrofuran	7.457	42	970	5.222	ug/l #	26
36) 1,1-Dichloropropene	7.875	75	6284	5.298	ug/l #	50
38) Carbon Tetrachloride	7.875	117	8313	7.841	ug/l #	16
76) 1,2,3-Trichloropropane	12.575	75	16912	58.389	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	16912	127.943	ug/l #	18
92) 1,2-Dibromo-3-Chloropr...	14.216	75	79	1.294	ug/l #	1

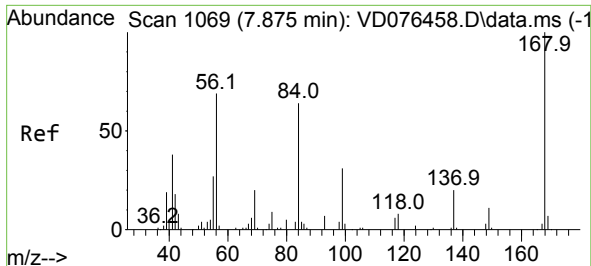
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062323\
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TOTAL-VOC-SB-23-GRAB-5

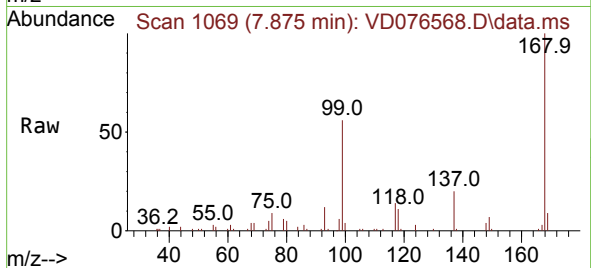
Quant Time: Jun 24 01:00:22 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
Quant Title : SW846 8260
QLast Update : Mon Jun 19 04:51:45 2023
Response via : Initial Calibration



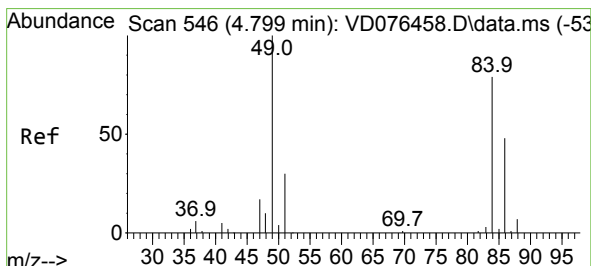
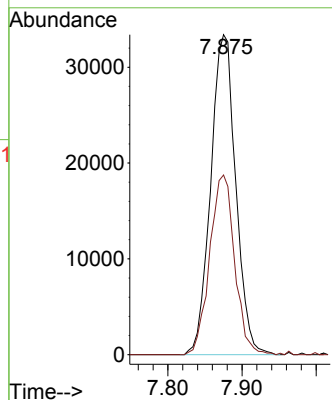
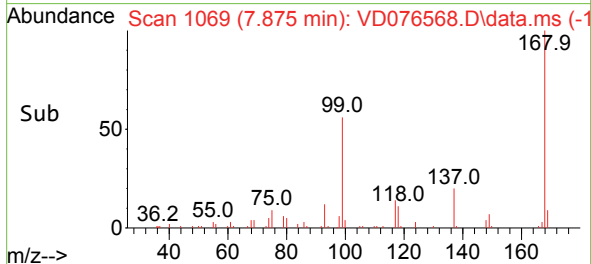


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD076568.D
Acq: 23 Jun 2023 20:03

Instrument :
MSVOA_D
ClientSampleId :
TOTAL-VOC-SB-23-GRAB-5

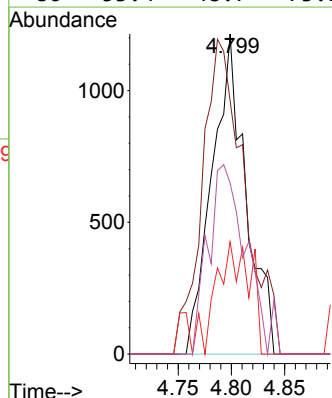
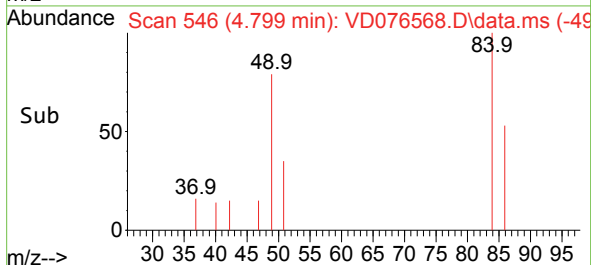
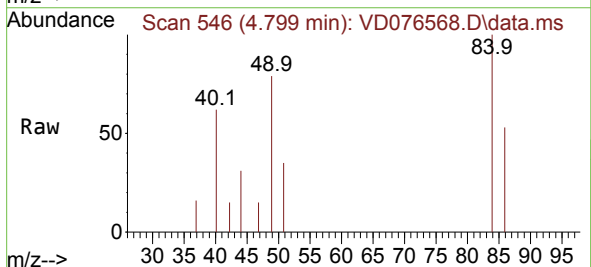


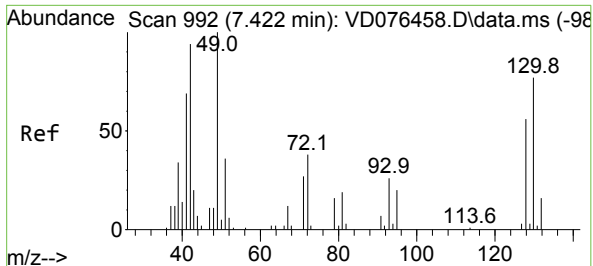
Tgt Ion:168 Resp: 78381
Ion Ratio Lower Upper
168 100
99 56.1 36.7 55.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD076568.D
Acq: 23 Jun 2023 20:03

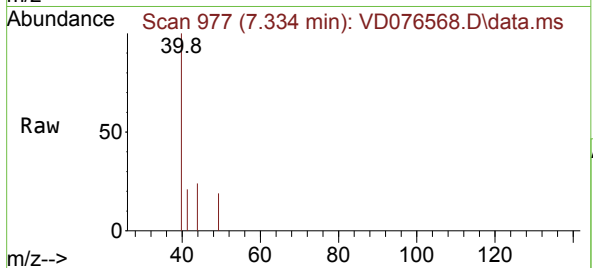
Tgt Ion: 84 Resp: 2671
Ion Ratio Lower Upper
84 100
49 79.1 71.4 107.2
51 35.1 24.5 36.7
86 53.4 48.7 73.1



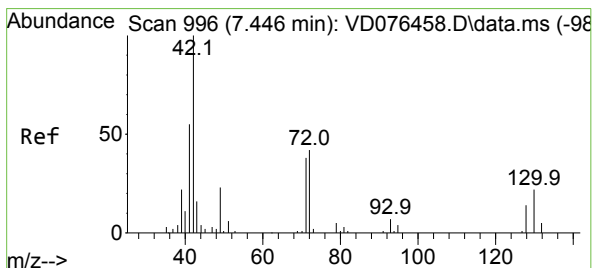
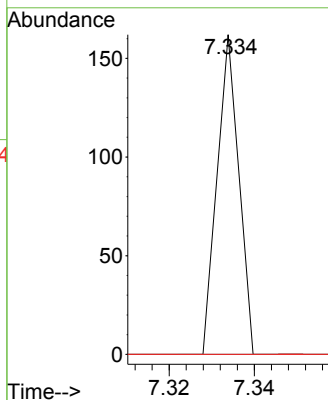
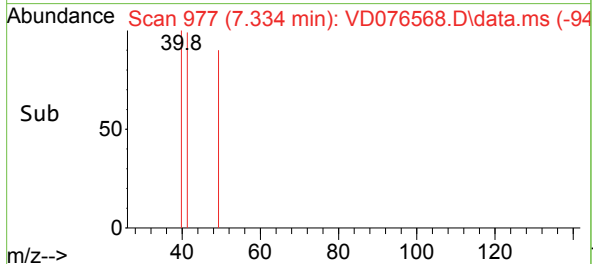


#28
Bromochloromethane
Concen: Below Cal
RT: 7.334 min Scan# 91
Delta R.T. -0.088 min
Lab File: VD076568.D
Acq: 23 Jun 2023 20:03

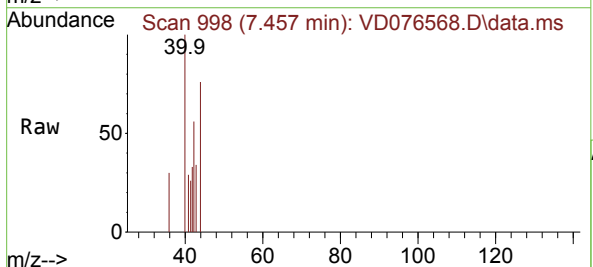
Instrument :
MSVOA_D
ClientSampleId :
TOTAL-VOC-SB-23-GRAB-5



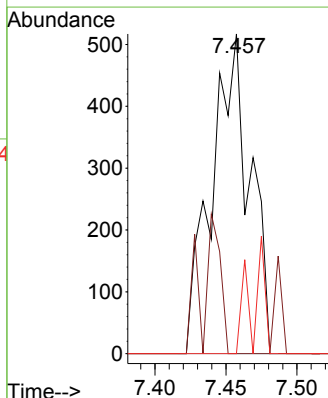
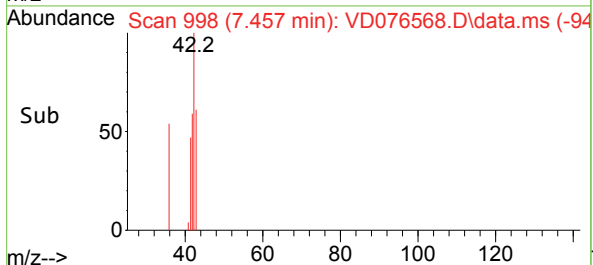
Tgt Ion: 49 Resp: 57
Ion Ratio Lower Upper
49 100
129 0.0 0.0 6.0
130 0.0 83.2 124.8#

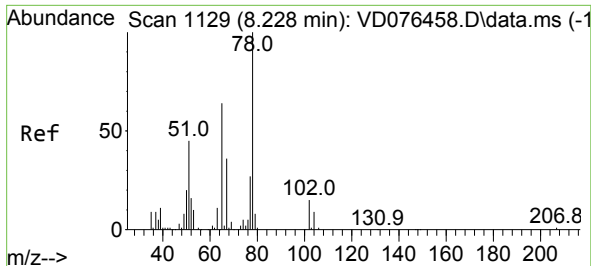


#29
Tetrahydrofuran
Concen: 5.222 ug/l
RT: 7.457 min Scan# 998
Delta R.T. 0.011 min
Lab File: VD076568.D
Acq: 23 Jun 2023 20:03



Tgt Ion: 42 Resp: 970
Ion Ratio Lower Upper
42 100
72 0.0 46.5 69.7#
71 5.6 44.5 66.7#





#33

1,2-Dichloroethane-d4

Concen: 80.354 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD076568.D

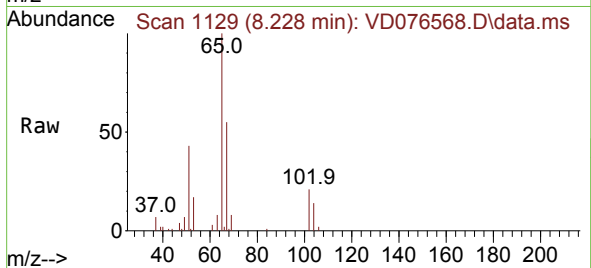
Acq: 23 Jun 2023 20:03

Instrument :

MSVOA_D

ClientSampleId :

TOTAL-VOC-SB-23-GRAB-5

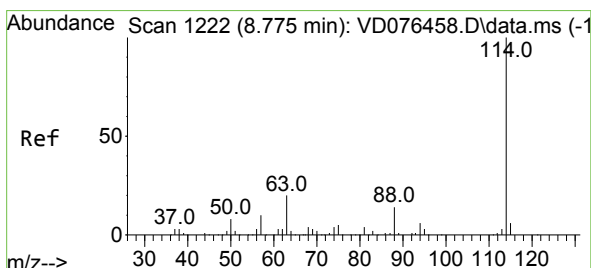
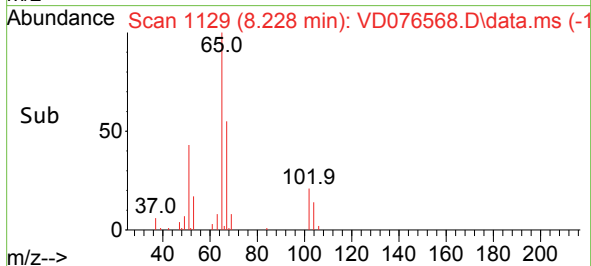
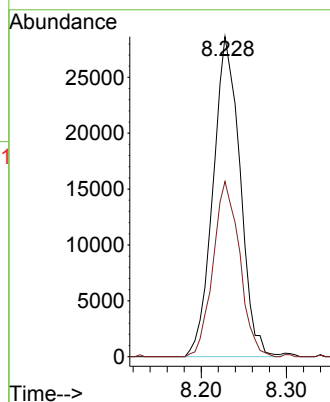


Tgt Ion: 65 Resp: 63103

Ion Ratio Lower Upper

65 100

67 53.9 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: VD076568.D

Acq: 23 Jun 2023 20:03

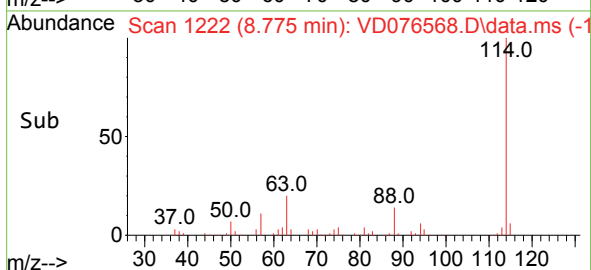
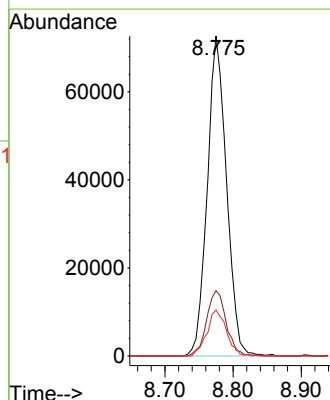
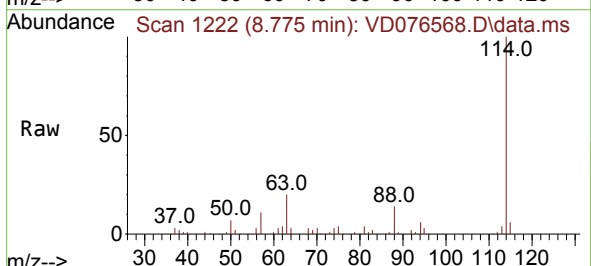
Tgt Ion: 114 Resp: 142587

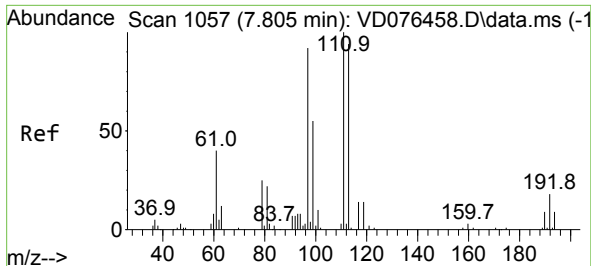
Ion Ratio Lower Upper

114 100

63 20.4 0.0 33.4

88 14.3 0.0 26.2

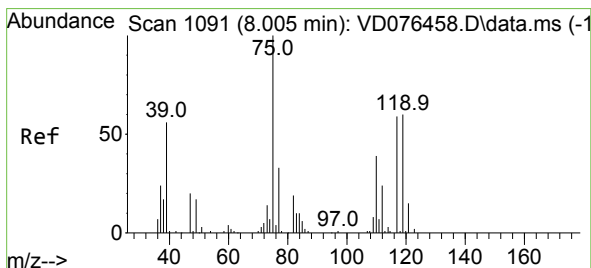
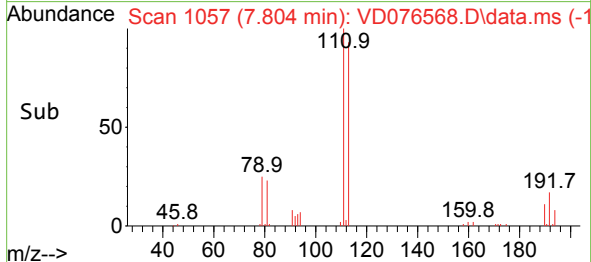
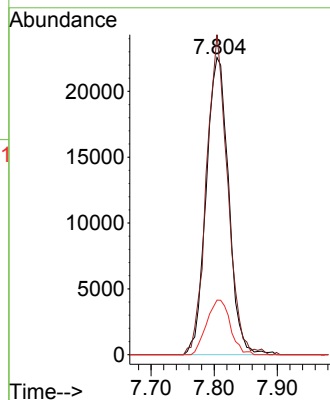
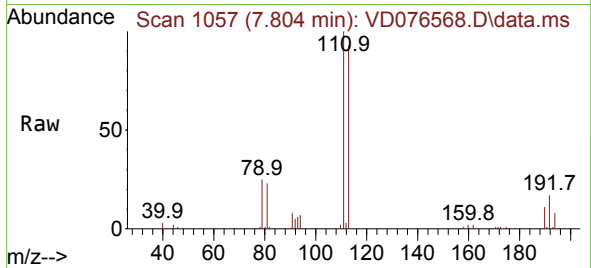




#35
Dibromofluoromethane
Concen: 65.800 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD076568.D
Acq: 23 Jun 2023 20:03

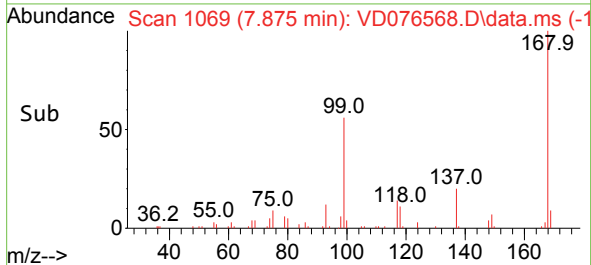
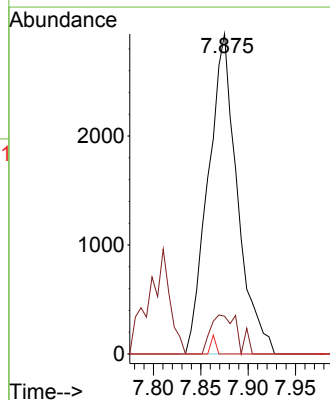
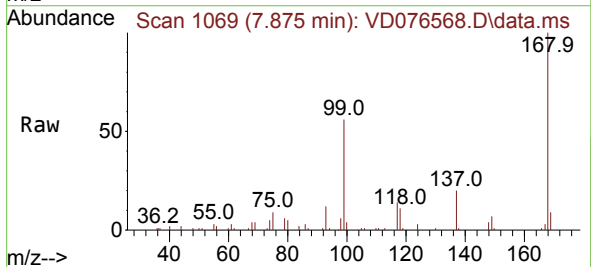
Instrument :
MSVOA_D
ClientSampleId :
TOTAL-VOC-SB-23-GRAB-5

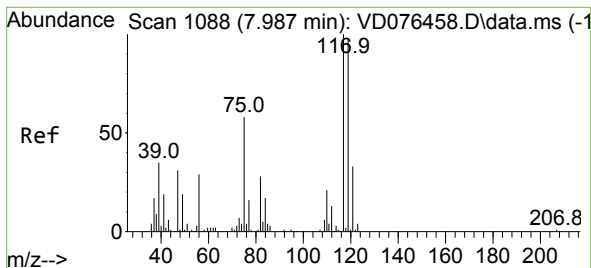
Tgt Ion:113 Resp: 55737
Ion Ratio Lower Upper
113 100
111 101.5 84.7 127.1
192 19.3 16.8 25.2



#36
1,1-Dichloropropene
Concen: 5.298 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.130 min
Lab File: VD076568.D
Acq: 23 Jun 2023 20:03

Tgt Ion: 75 Resp: 6284
Ion Ratio Lower Upper
75 100
110 11.5 19.9 59.6#
77 1.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 7.841 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.112 min

Lab File: VD076568.D

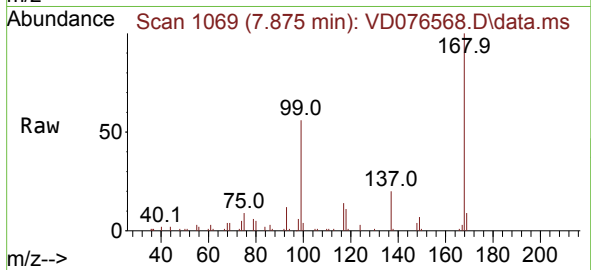
Acq: 23 Jun 2023 20:03

Instrument :

MSVOA_D

ClientSampleId :

TOTAL-VOC-SB-23-GRAB-5



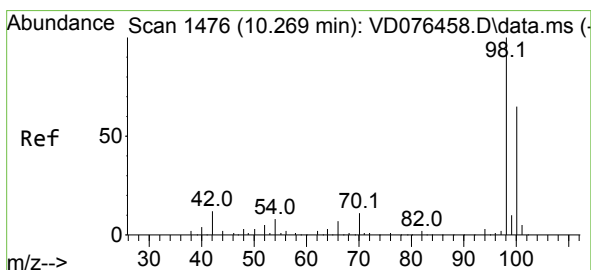
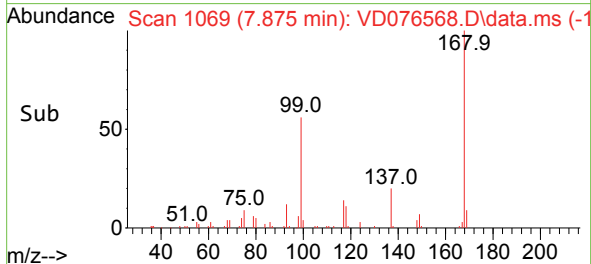
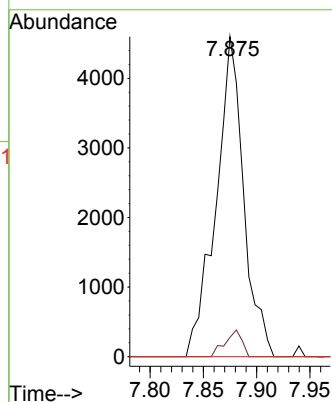
Tgt Ion:117 Resp: 8313

Ion Ratio Lower Upper

117 100

119 6.1 78.0 117.0#

121 0.0 24.2 36.2#



#50

Toluene-d8

Concen: 51.050 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD076568.D

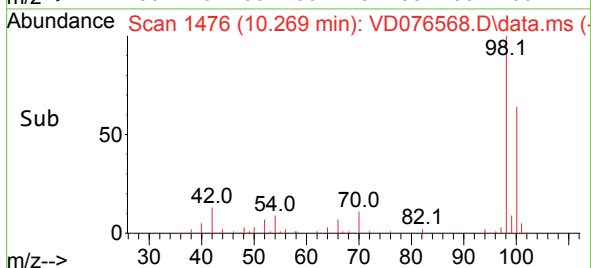
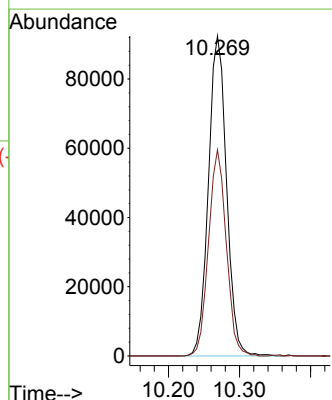
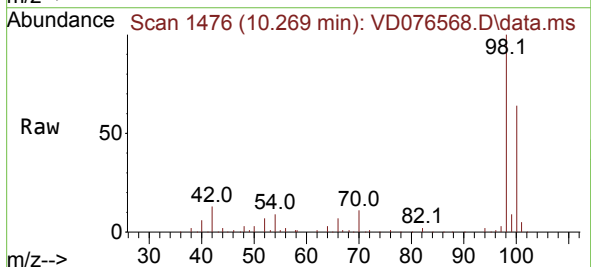
Acq: 23 Jun 2023 20:03

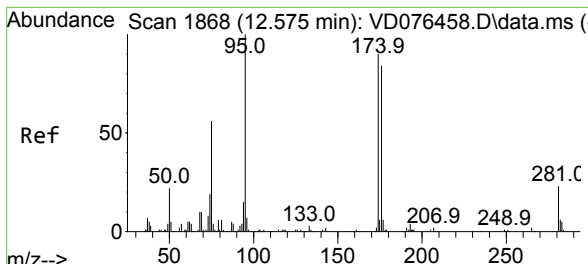
Tgt Ion: 98 Resp: 163997

Ion Ratio Lower Upper

98 100

100 63.1 50.3 75.5

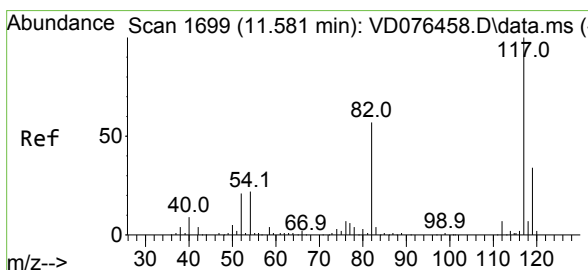
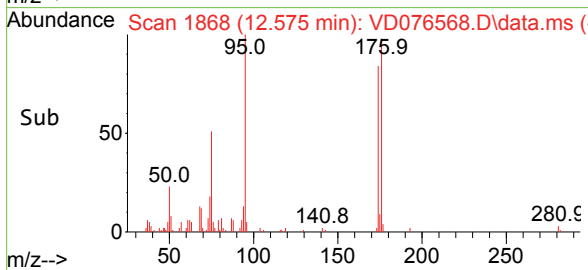
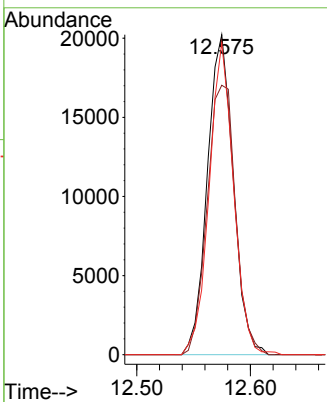
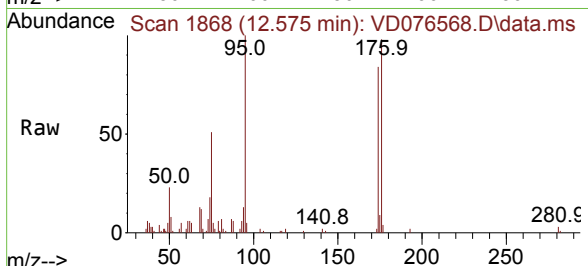




#62
4-Bromofluorobenzene
Concen: 30.741 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076568.D
Acq: 23 Jun 2023 20:03

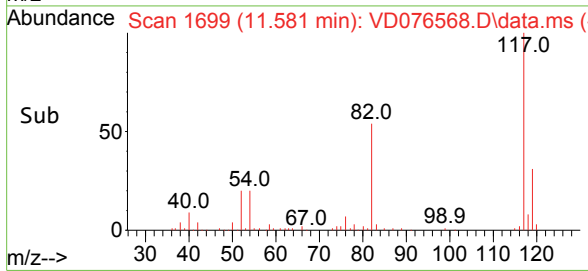
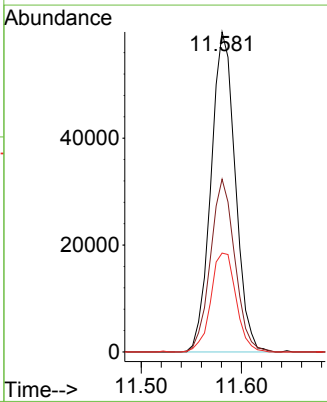
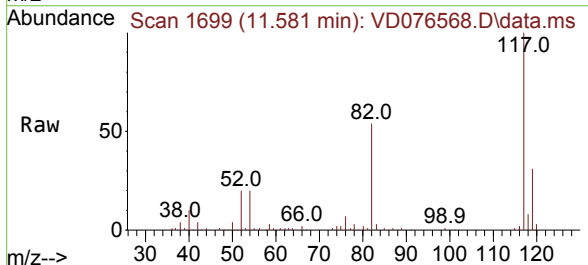
Instrument : MSVOA_D
ClientSampleId : TOTAL-VOC-SB-23-GRAB-5

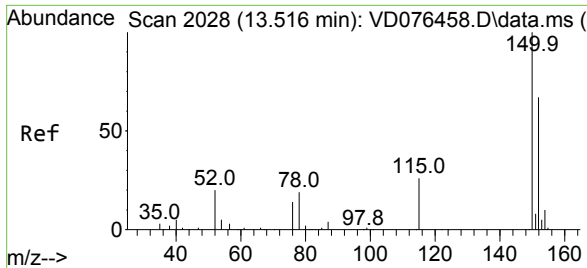
Tgt Ion:	95	Resp:	32050
Ion	Ratio	Lower	Upper
95	100		
174	92.6	0.0	201.8
176	91.8	0.0	191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076568.D
Acq: 23 Jun 2023 20:03

Tgt Ion:	117	Resp:	100669
Ion	Ratio	Lower	Upper
117	100		
82	54.0	38.3	57.5
119	30.9	25.0	37.4

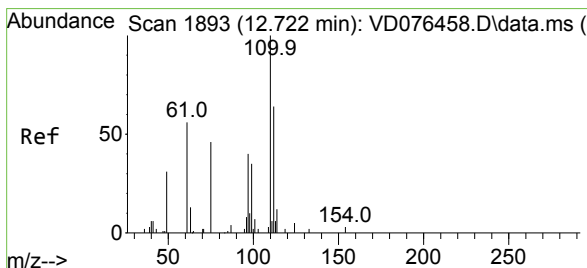
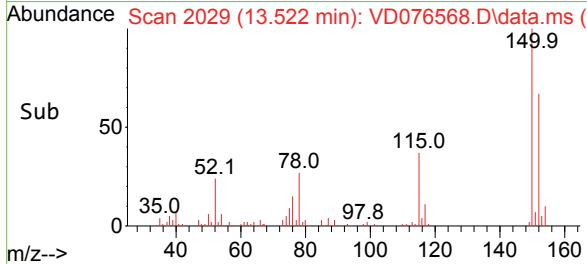
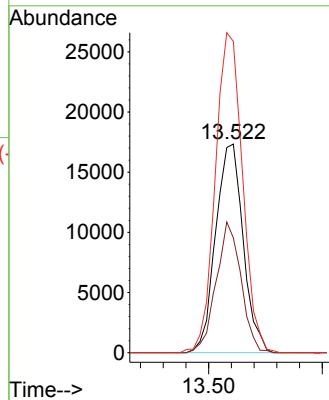
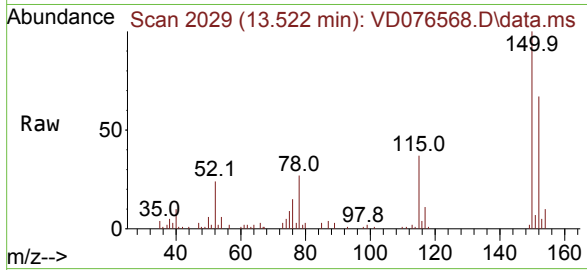




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VD076568.D
 Acq: 23 Jun 2023 20:03

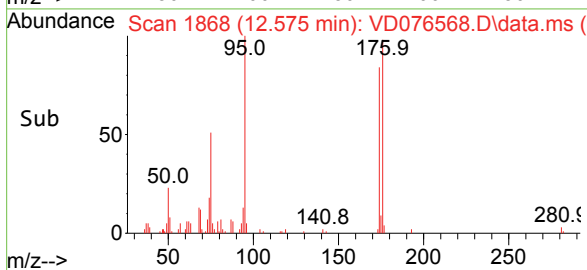
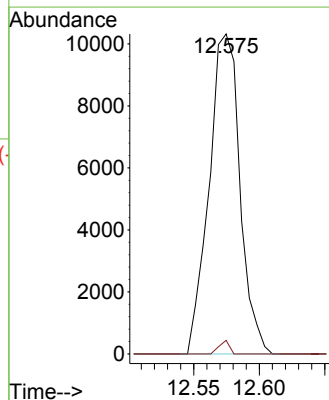
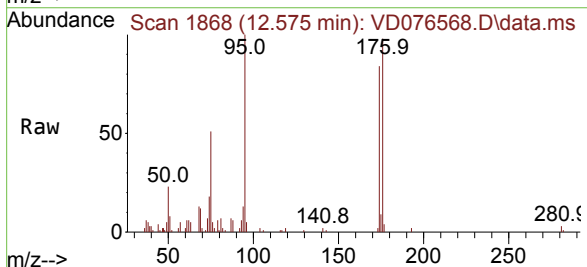
Instrument :
 MSVOA_D
 ClientSampleId :
 TOTAL-VOC-SB-23-GRAB-5

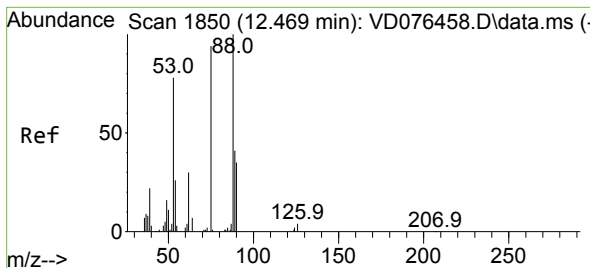
Tgt Ion:152 Resp: 29184
 Ion Ratio Lower Upper
 152 100
 115 56.7 27.1 81.3
 150 151.7 0.0 353.6



#76
 1,2,3-Trichloropropane
 Concen: 58.389 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.147 min
 Lab File: VD076568.D
 Acq: 23 Jun 2023 20:03

Tgt Ion: 75 Resp: 16912
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#

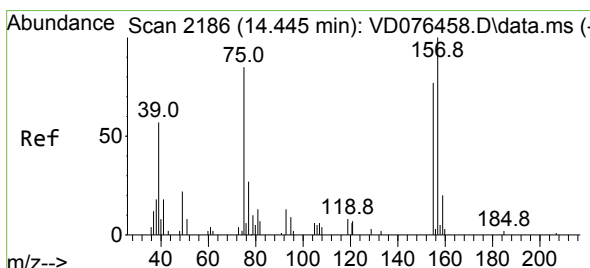
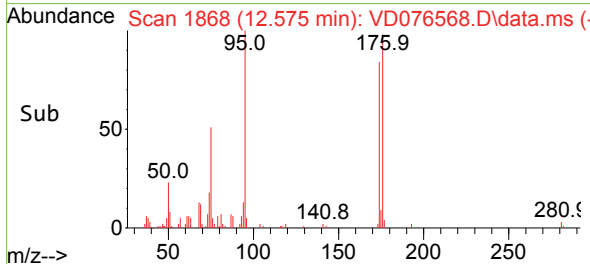
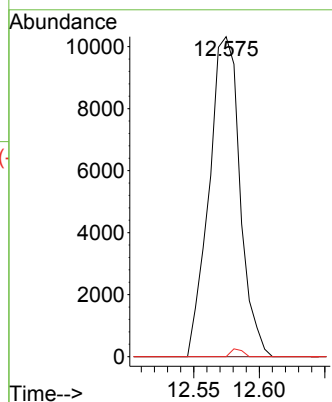
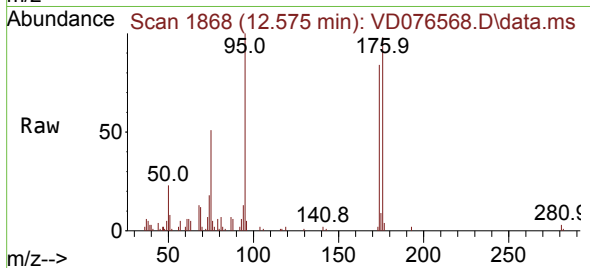




#81
trans-1,4-Dichloro-2-butene
Concen: 127.943 ug/l
RT: 12.575 min Scan# 11
Delta R.T. 0.106 min
Lab File: VD076568.D
Acq: 23 Jun 2023 20:03

Instrument :
MSVOA_D
ClientSampleId :
TOTAL-VOC-SB-23-GRAB-5

Tgt Ion: 75 Resp: 16912
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.9 37.9 56.9#



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.294 ug/l
RT: 14.216 min Scan# 2147
Delta R.T. -0.230 min
Lab File: VD076568.D
Acq: 23 Jun 2023 20:03

Tgt Ion: 75 Resp: 79
Ion Ratio Lower Upper
75 100
155 0.0 47.9 143.8#
157 0.0 59.9 179.7#

