

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062323\
 Data File : VD076565.D
 Acq On : 23 Jun 2023 18:33
 Operator : KP/SY
 Sample : 03361-06
 Misc : 12.84G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TOTAL-VOC-SB-29-GRAB-5

Quant Time: Jun 24 00:58:45 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)

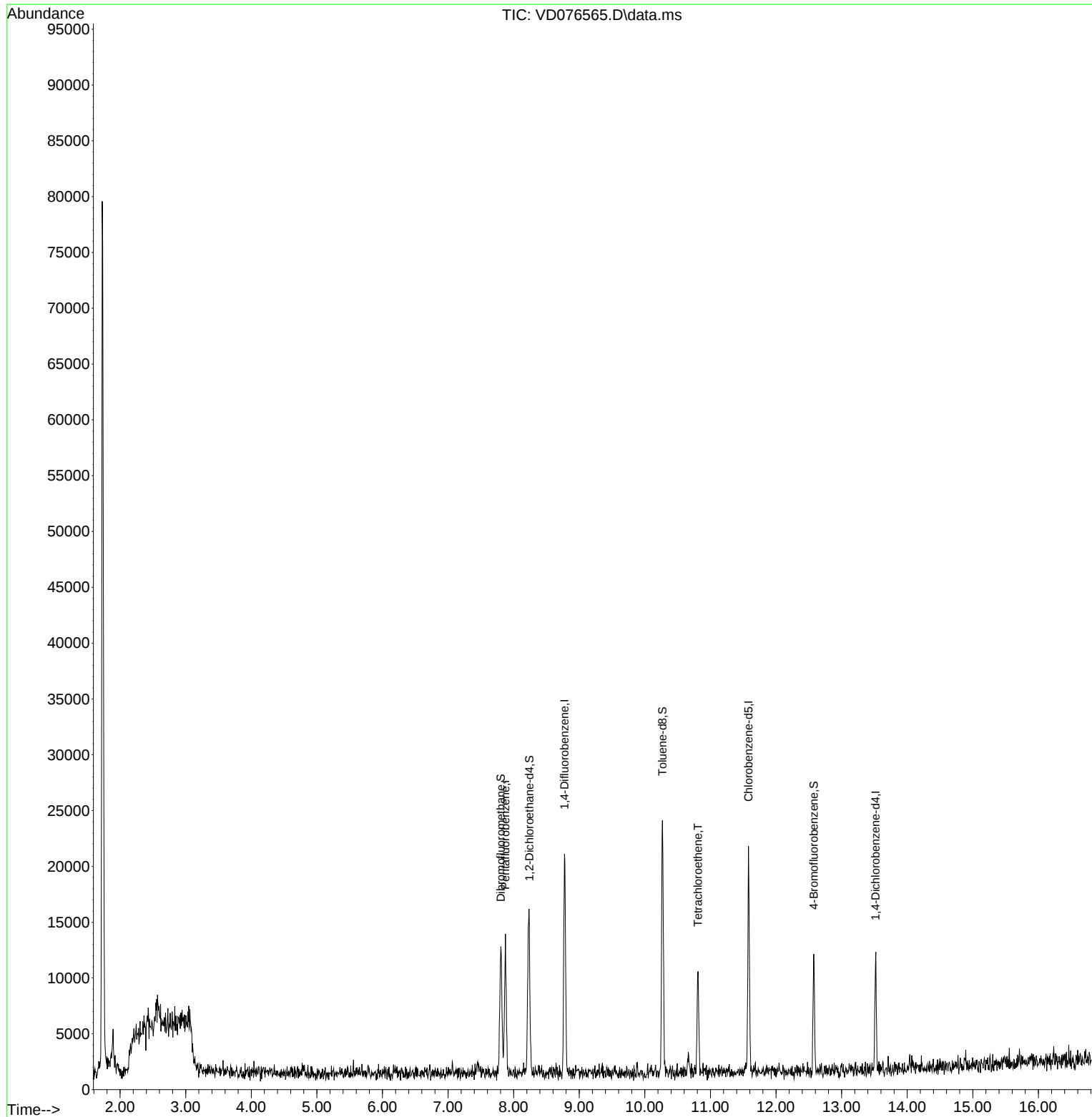
Internal Standards						
1) Pentafluorobenzene	7.875	168	8766	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	16253	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	10848	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	2812	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.240	65	11543	131.428	ug/l	0.01
Spiked Amount	50.000	Range 50 - 163	Recovery	=	262.860%	#
35) Dibromofluoromethane	7.804	113	8083	83.715	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	167.420%	#
50) Toluene-d8	10.269	98	15946	43.547	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	=	87.100%	
62) 4-Bromofluorobenzene	12.575	95	3075	25.875	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	=	51.760%	
Target Compounds						
						Qvalue
64) Tetrachloroethene	10.810	164	2120	32.557	ug/l	# 83

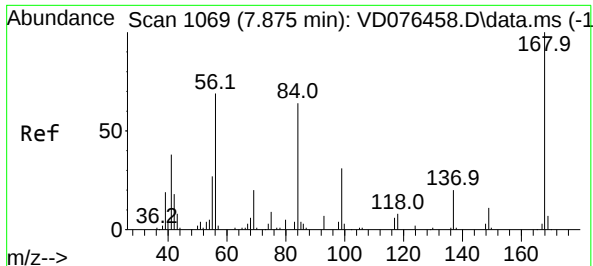
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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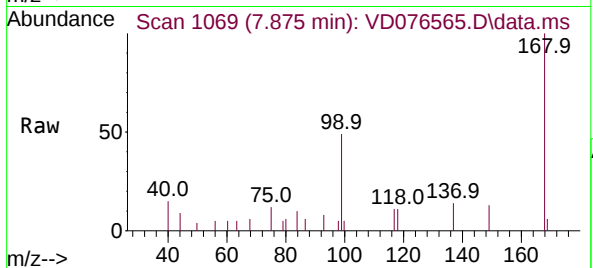
Quant Time: Jun 24 00:58:45 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
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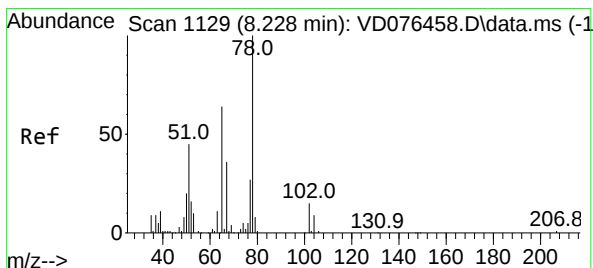
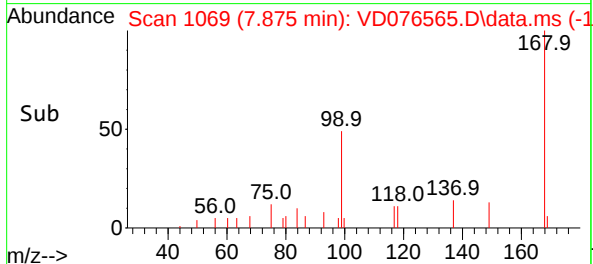
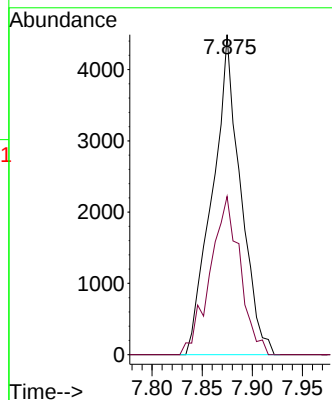


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1106
Delta R.T. -0.000 min
Lab File: VD076565.D
Acq: 23 Jun 2023 18:33

Instrument :
MSVOA_D
ClientSampleId :
TOTAL-VOC-SB-29-GRAB-5

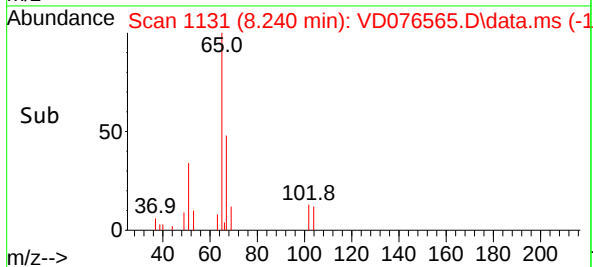
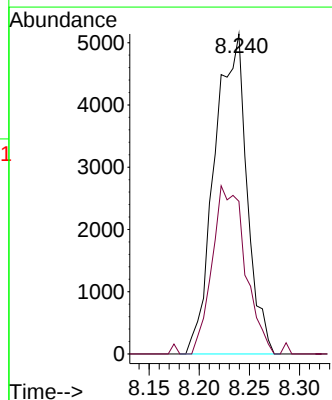
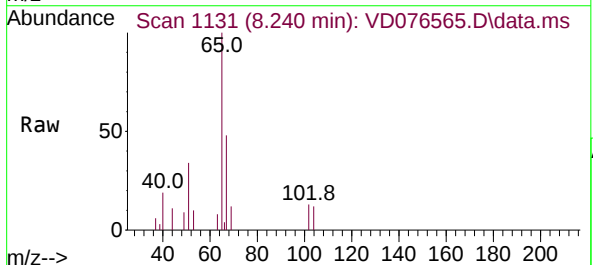


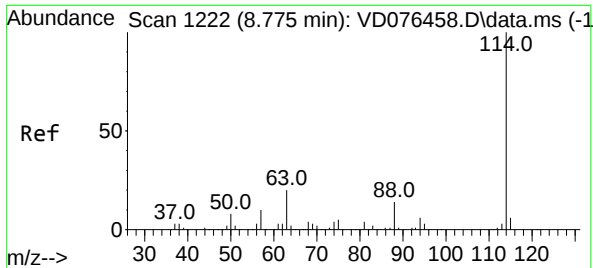
Tgt Ion:168 Resp: 8766
Ion Ratio Lower Upper
168 100
99 49.4 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 131.428 ug/l
RT: 8.240 min Scan# 1131
Delta R.T. 0.011 min
Lab File: VD076565.D
Acq: 23 Jun 2023 18:33

Tgt Ion: 65 Resp: 11543
Ion Ratio Lower Upper
65 100
67 53.6 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD076565.D

Acq: 23 Jun 2023 18:33

Instrument :

MSVOA_D

ClientSampleId :

TOTAL-VOC-SB-29-GRAB-5

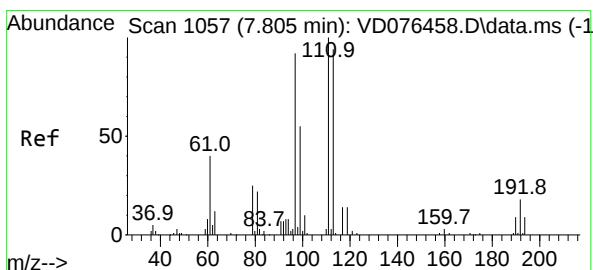
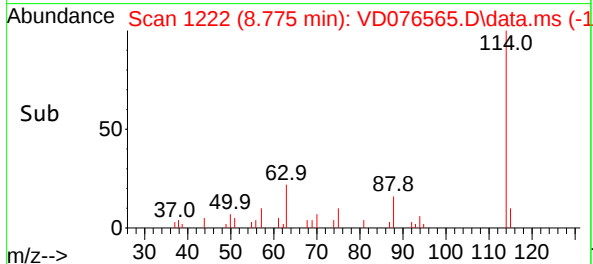
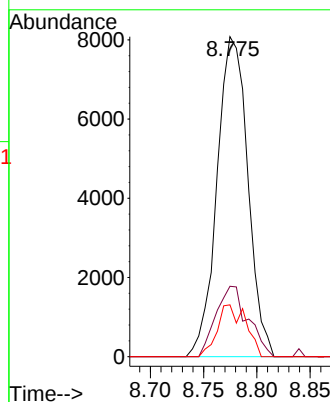
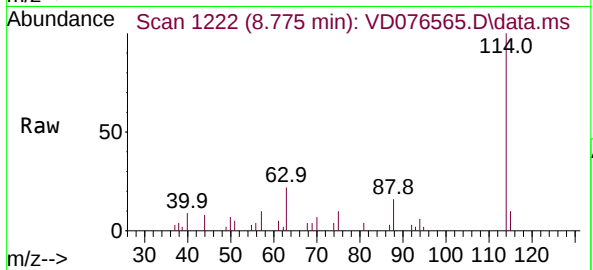
Tgt Ion:114 Resp: 16253

Ion Ratio Lower Upper

114 100

63 22.0 0.0 33.4

88 16.2 0.0 26.2



#35

Dibromofluoromethane

Concen: 83.715 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076565.D

Acq: 23 Jun 2023 18:33

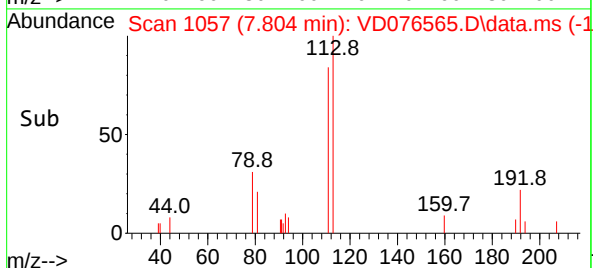
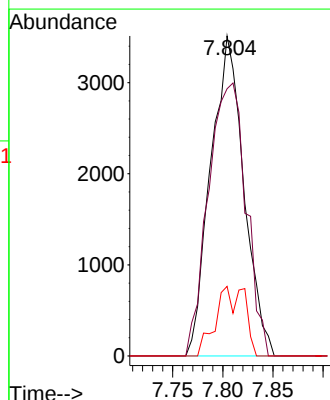
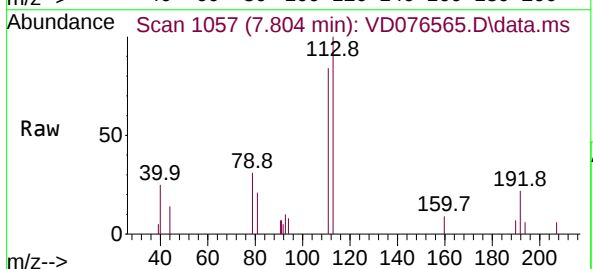
Tgt Ion:113 Resp: 8083

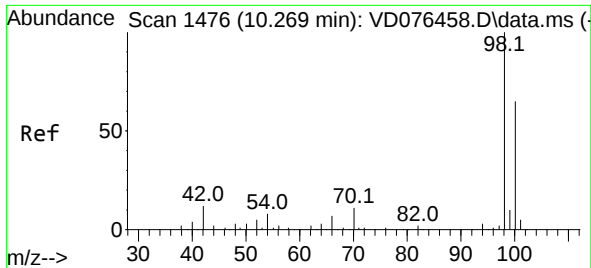
Ion Ratio Lower Upper

113 100

111 96.7 84.7 127.1

192 11.8 16.8 25.2#

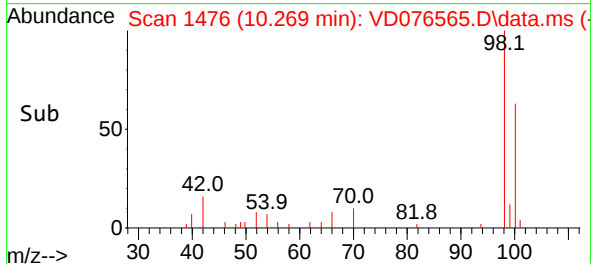
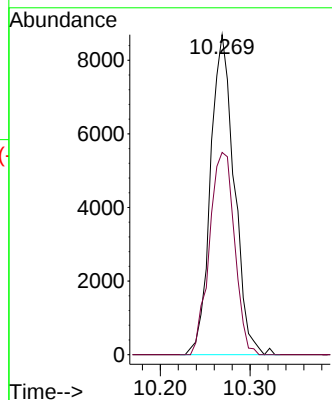
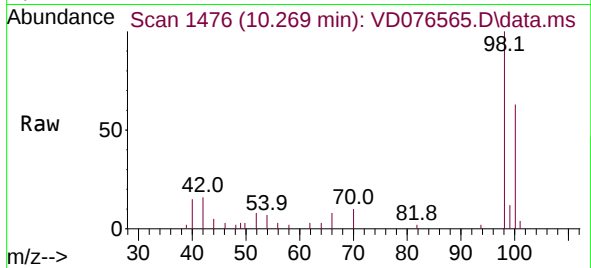




#50
Toluene-d8
Concen: 43.547 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076565.D
Acq: 23 Jun 2023 18:33

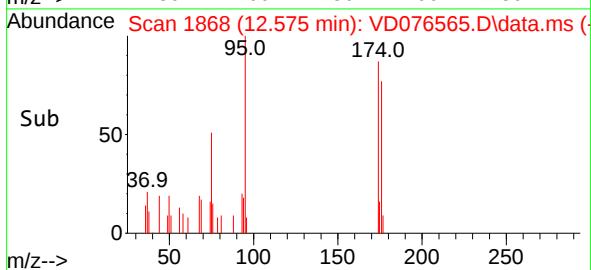
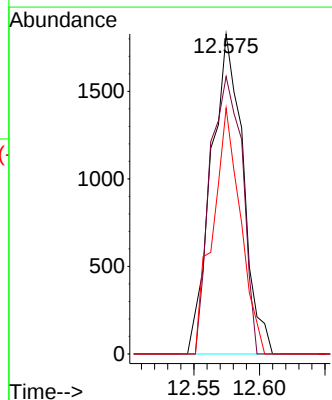
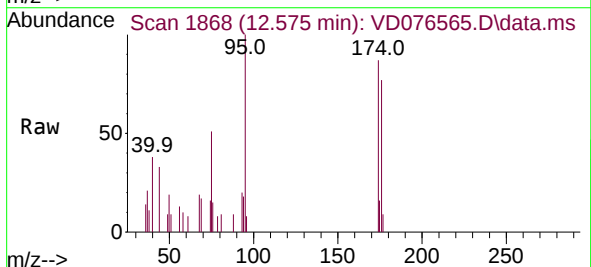
Instrument :
MSVOA_D
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TOTAL-VOC-SB-29-GRAB-5

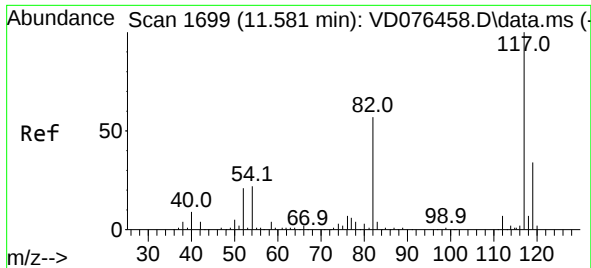
Tgt Ion: 98 Resp: 15946
Ion Ratio Lower Upper
98 100
100 66.9 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 25.875 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076565.D
Acq: 23 Jun 2023 18:33

Tgt Ion: 95 Resp: 3075
Ion Ratio Lower Upper
95 100
174 87.7 0.0 201.8
176 67.0 0.0 191.8

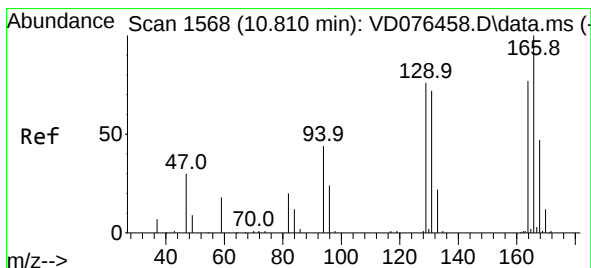
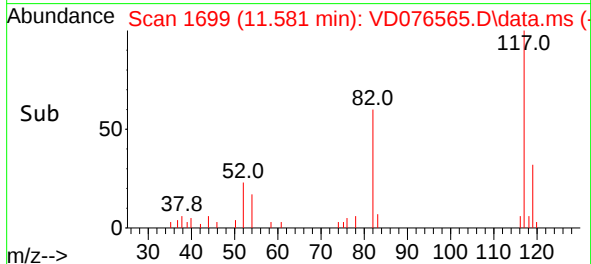
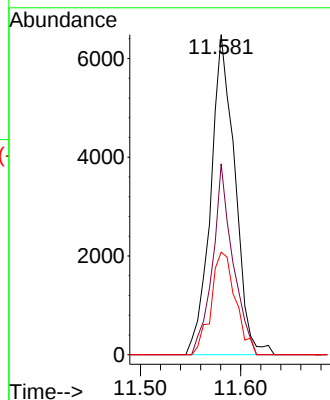
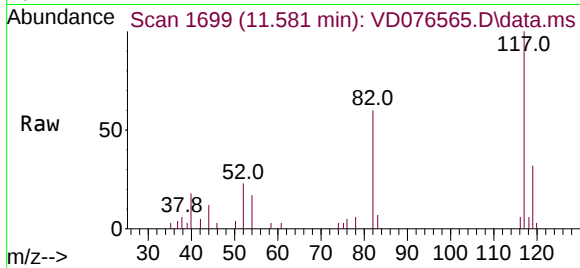




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD076565.D
Acq: 23 Jun 2023 18:33

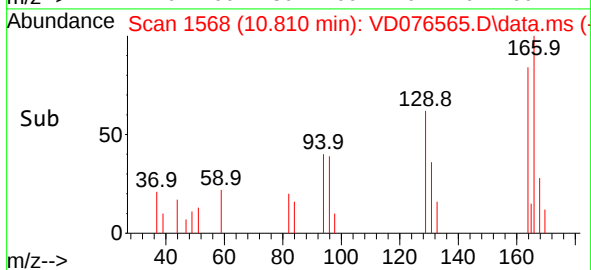
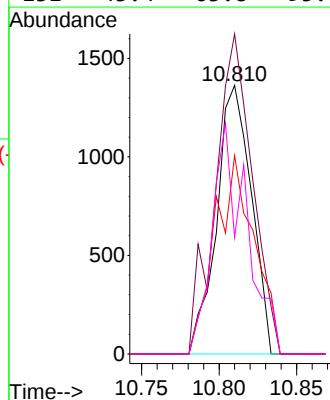
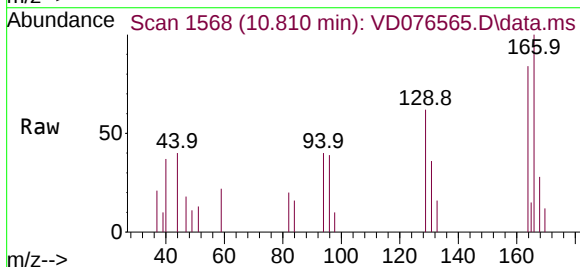
Instrument :
MSVOA_D
ClientSampleId :
TOTAL-VOC-SB-29-GRAB-5

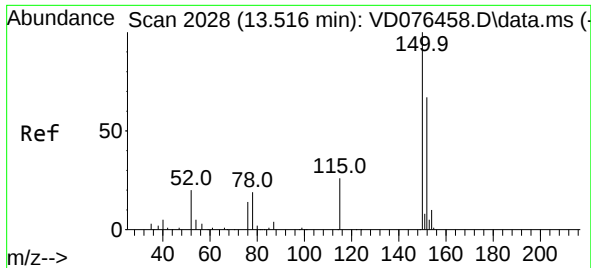
Tgt Ion:117 Resp: 10848
Ion Ratio Lower Upper
117 100
82 59.7 38.3 57.5#
119 32.0 25.0 37.4



#64
Tetrachloroethene
Concen: 32.557 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD076565.D
Acq: 23 Jun 2023 18:33

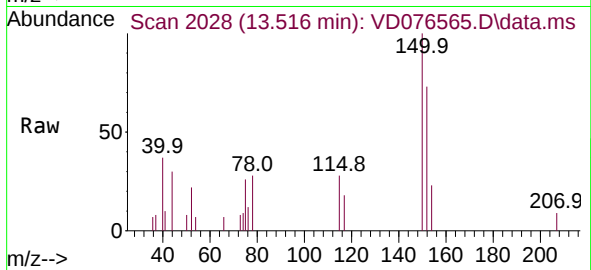
Tgt Ion:164 Resp: 2120
Ion Ratio Lower Upper
164 100
166 119.1 99.2 148.8
129 73.8 68.4 102.6
131 43.4 63.8 95.8#





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD076565.D
 Acq: 23 Jun 2023 18:33

Instrument :
 MSVOA_D
 ClientSampleId :
 TOTAL-VOC-SB-29-GRAB-5



Tgt Ion:	152	Resp:	2812
Ion	Ratio	Lower	Upper
152	100		
115	60.1	27.1	81.3
150	159.8	0.0	353.6

