

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062123\
 Data File : VD076515.D
 Acq On : 21 Jun 2023 16:21
 Operator : KP/SY
 Sample : 03331-07
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TRIP-BLANK

Quant Time: Jun 22 02:00:22 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)

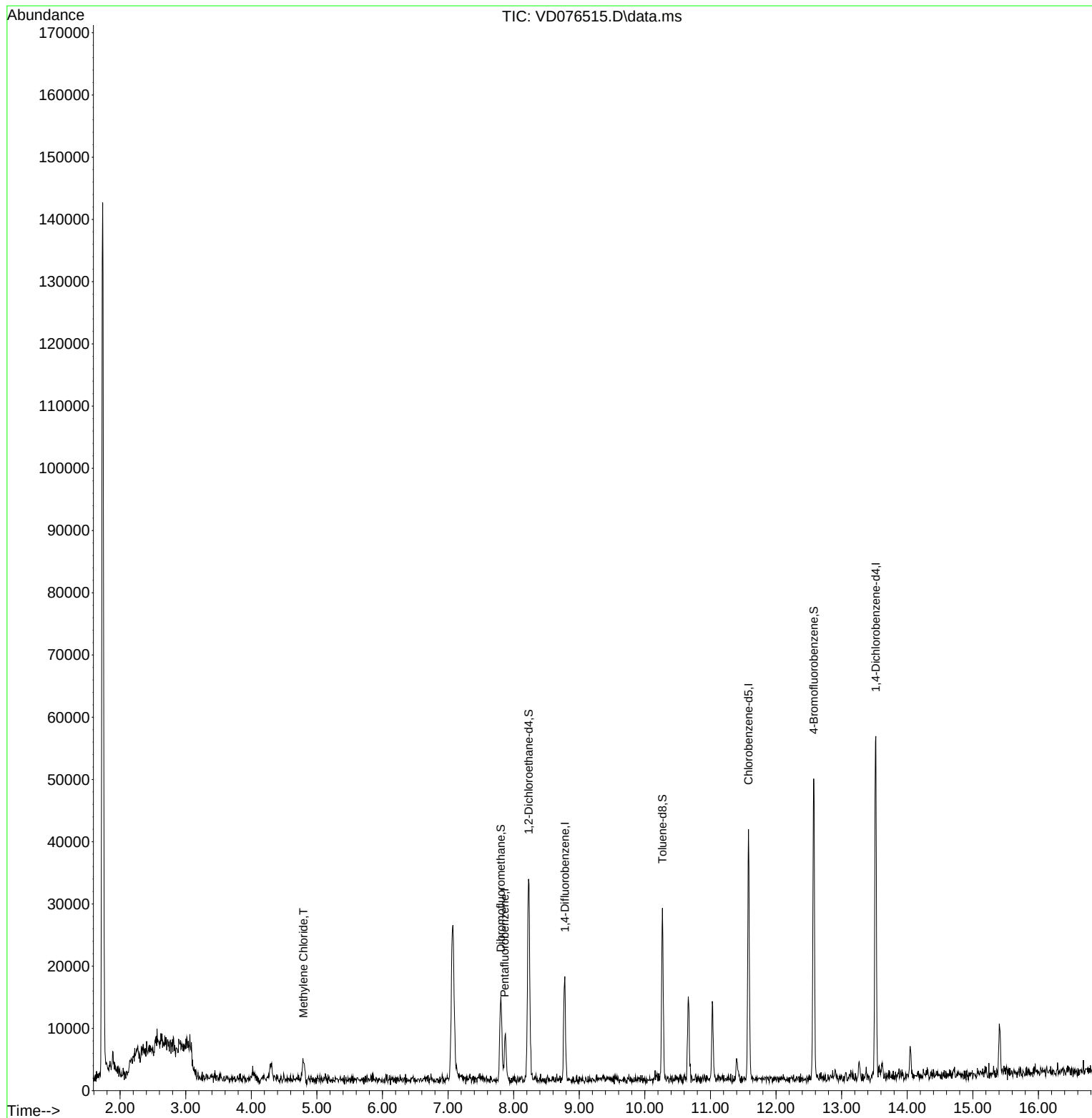
Internal Standards						
1) Pentafluorobenzene	7.863	168	6136	50.000	ug/l	#-0.01
34) 1,4-Difluorobenzene	8.781	114	13877	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	22469	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	14371	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	24434	397.446	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 794.900%#	
35) Dibromofluoromethane	7.804	113	9554	115.892	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 231.780%#	
50) Toluene-d8	10.269	98	17890	57.221	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 114.440%	
62) 4-Bromofluorobenzene	12.575	95	11210	110.479	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 220.960%#	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.793	84	1747	16.027	ug/l #	78

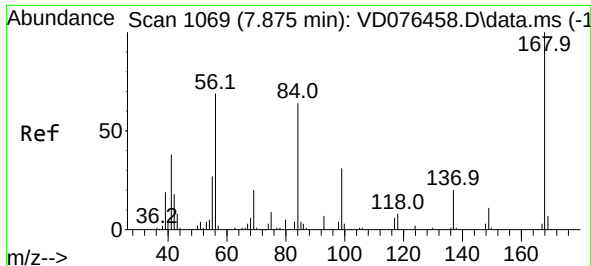
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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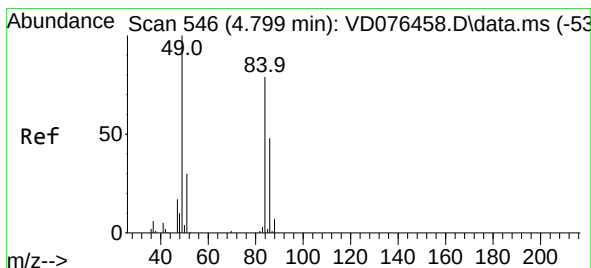
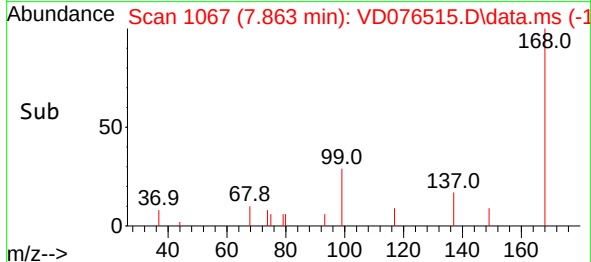
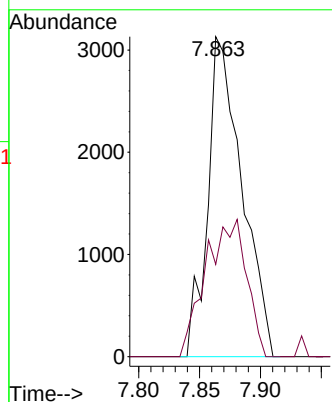
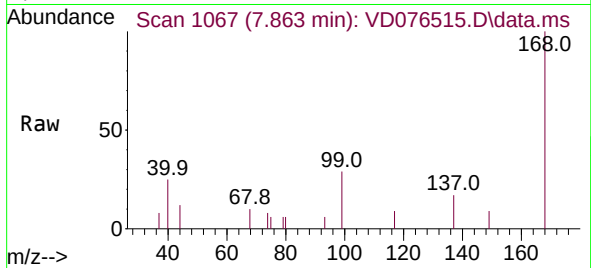




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.863 min Scan# 1069
Delta R.T. -0.012 min
Lab File: VD076515.D
Acq: 21 Jun 2023 16:21

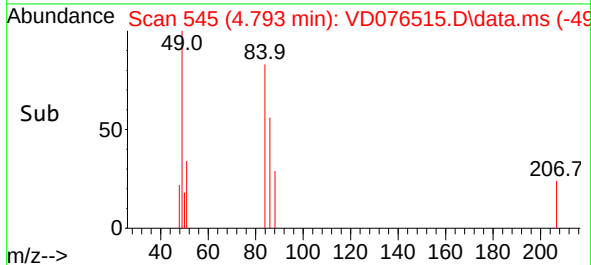
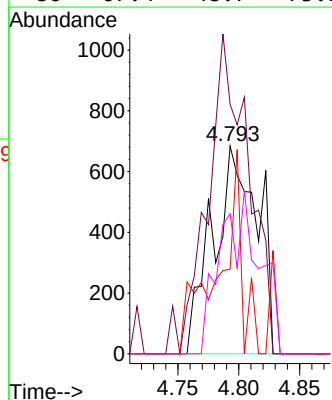
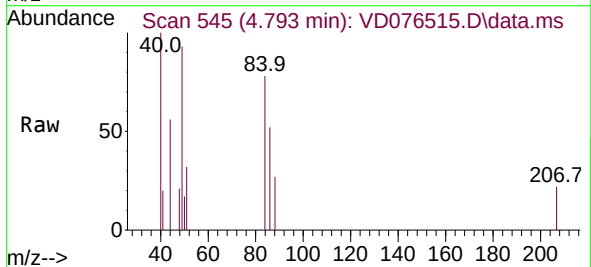
Instrument :
MSVOA_D
ClientSampleId :
TRIP-BLANK

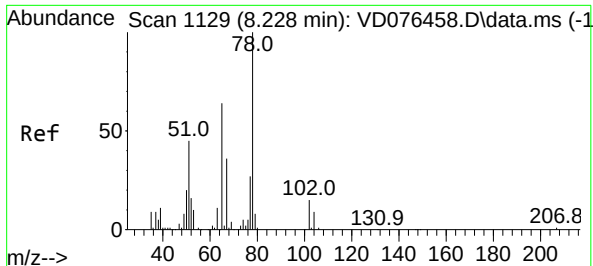
Tgt Ion:168 Resp: 6136
Ion Ratio Lower Upper
168 100
99 28.8 36.7 55.1#



#20
Methylene Chloride
Concen: 16.027 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD076515.D
Acq: 21 Jun 2023 16:21

Tgt Ion: 84 Resp: 1747
Ion Ratio Lower Upper
84 100
49 120.2 71.4 107.2#
51 40.8 24.5 36.7#
86 67.4 48.7 73.1





#33

1,2-Dichloroethane-d4

Concen: 397.446 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD076515.D

Acq: 21 Jun 2023 16:21

Instrument :

MSVOA_D

ClientSampleId :

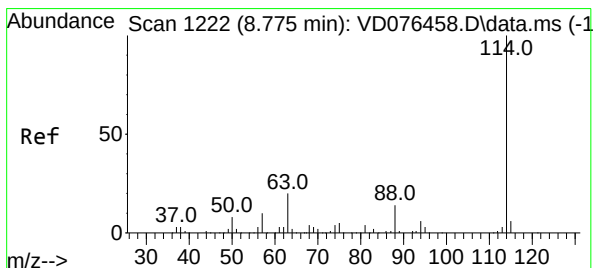
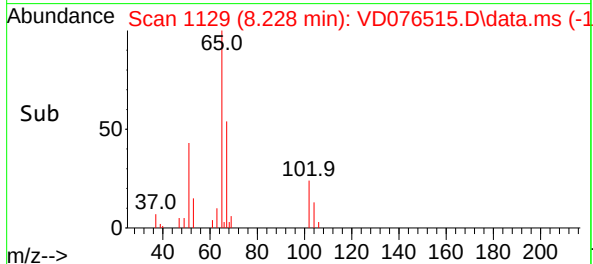
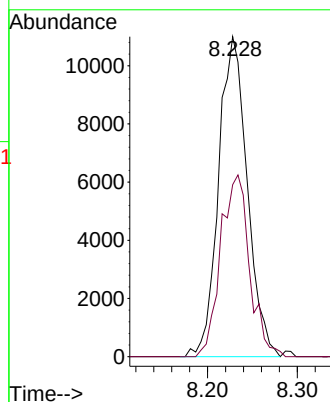
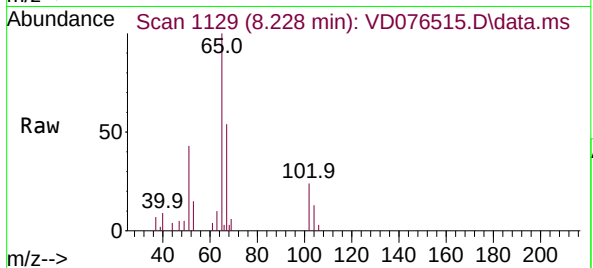
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Tgt Ion: 65 Resp: 24434

Ion Ratio Lower Upper

65 100

67 57.2 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD076515.D

Acq: 21 Jun 2023 16:21

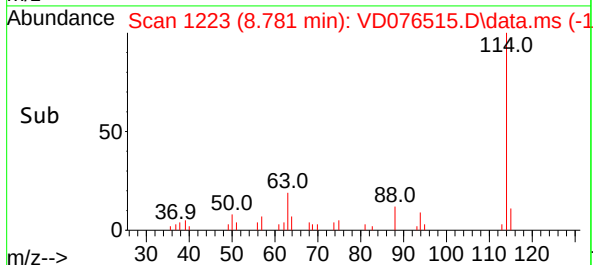
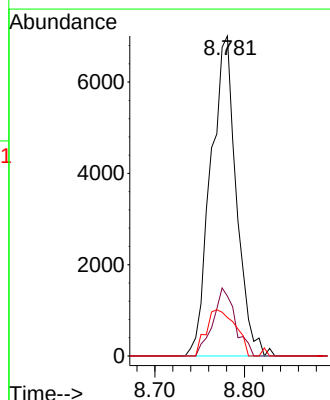
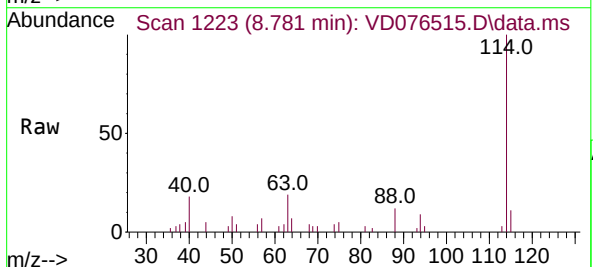
Tgt Ion: 114 Resp: 13877

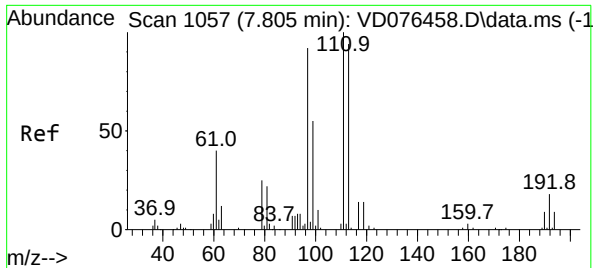
Ion Ratio Lower Upper

114 100

63 18.7 0.0 33.4

88 12.0 0.0 26.2





#35

Dibromofluoromethane

Concen: 115.892 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076515.D

Acq: 21 Jun 2023 16:21

Instrument :

MSVOA_D

ClientSampleId :

TRIP-BLANK

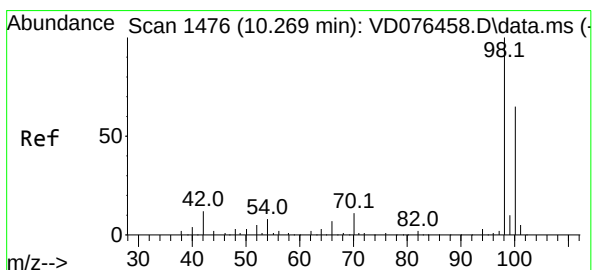
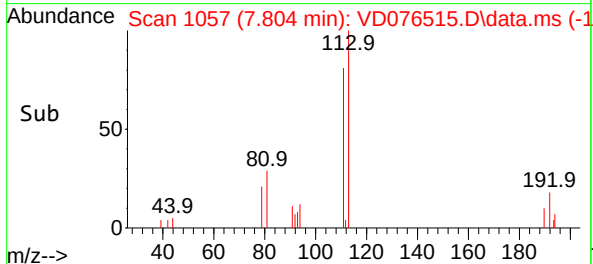
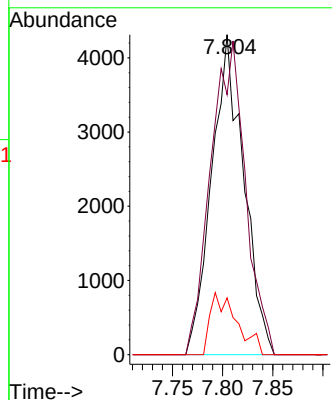
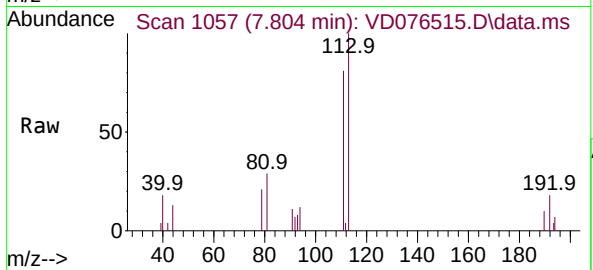
Tgt Ion:113 Resp: 9554

Ion Ratio Lower Upper

113 100

111 107.1 84.7 127.1

192 16.0 16.8 25.2#



#50

Toluene-d8

Concen: 57.221 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD076515.D

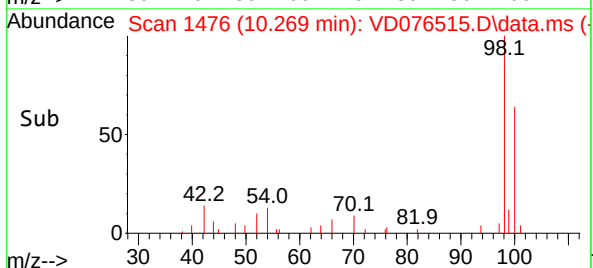
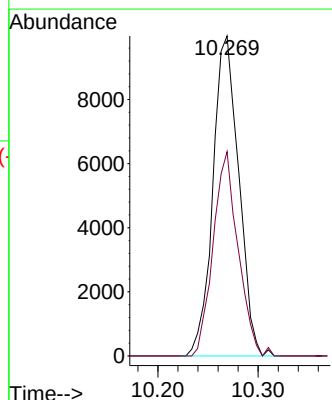
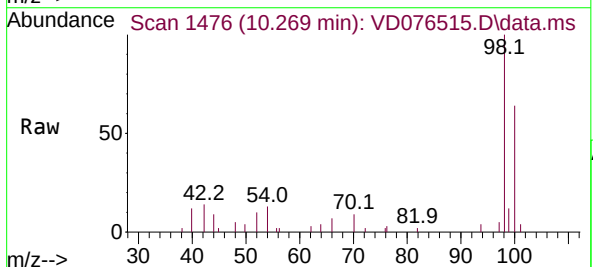
Acq: 21 Jun 2023 16:21

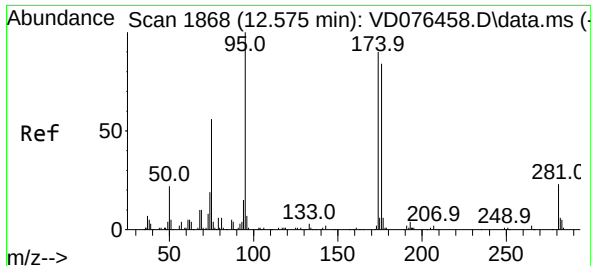
Tgt Ion: 98 Resp: 17890

Ion Ratio Lower Upper

98 100

100 61.6 50.3 75.5

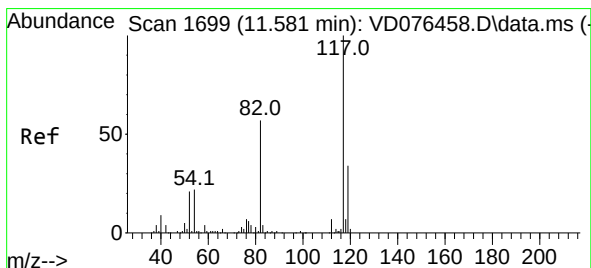
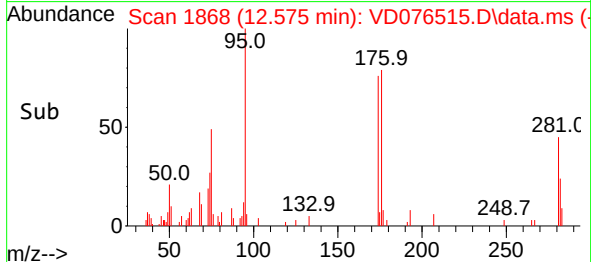
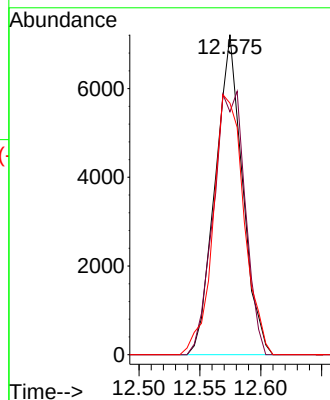
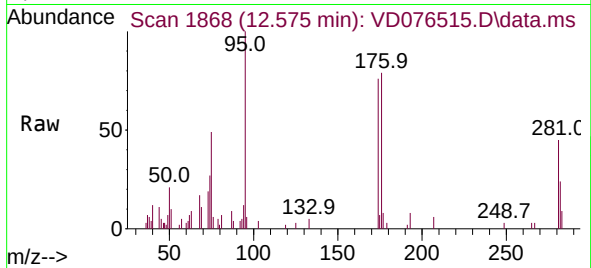




#62
4-Bromofluorobenzene
Concen: 110.479 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076515.D
Acq: 21 Jun 2023 16:21

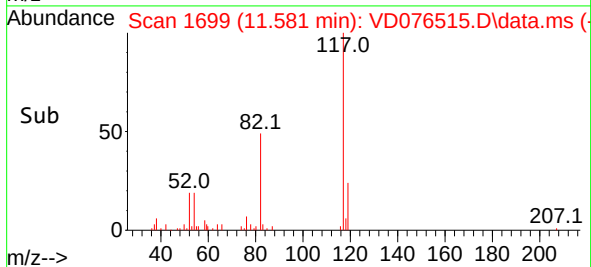
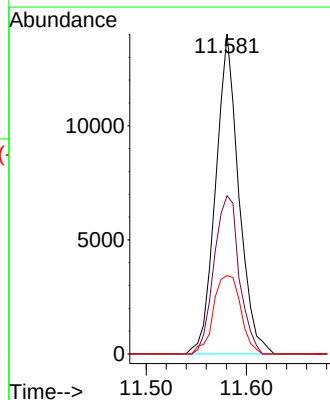
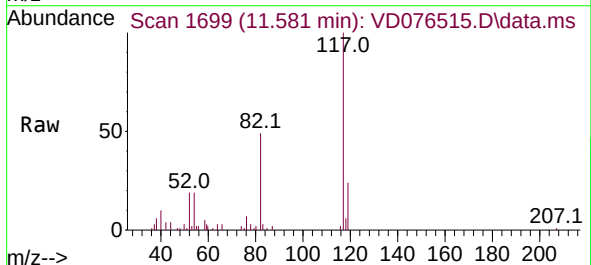
Instrument :
MSVOA_D
ClientSampleId :
TRIP-BLANK

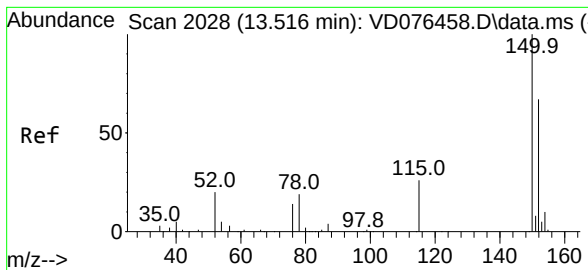
Tgt Ion:	95	Resp:	11210
Ion	Ratio	Lower	Upper
95	100		
174	95.5	0.0	201.8
176	92.1	0.0	191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076515.D
Acq: 21 Jun 2023 16:21

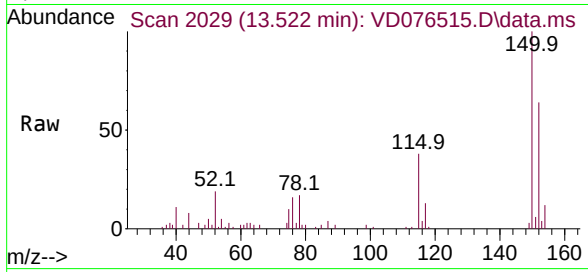
Tgt Ion:	117	Resp:	22469
Ion	Ratio	Lower	Upper
117	100		
82	49.5	38.3	57.5
119	24.5	25.0	37.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VD076515.D
 Acq: 21 Jun 2023 16:21

Instrument :
 MSVOA_D
 ClientSampleId :
 TRIP-BLANK



Tgt Ion:152 Resp: 14371
 Ion Ratio Lower Upper
 152 100
 115 56.3 27.1 81.3
 150 163.6 0.0 353.6

