

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051723\
 Data File : VD076127.D
 Acq On : 17 May 2023 17:14
 Operator : KP/SY
 Sample : 02816-01
 Misc : 6.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CB-22-K2-SO-3.5-051623

Quant Time: May 18 05:22:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 10:08:53 2023
 Response via : Initial Calibration

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

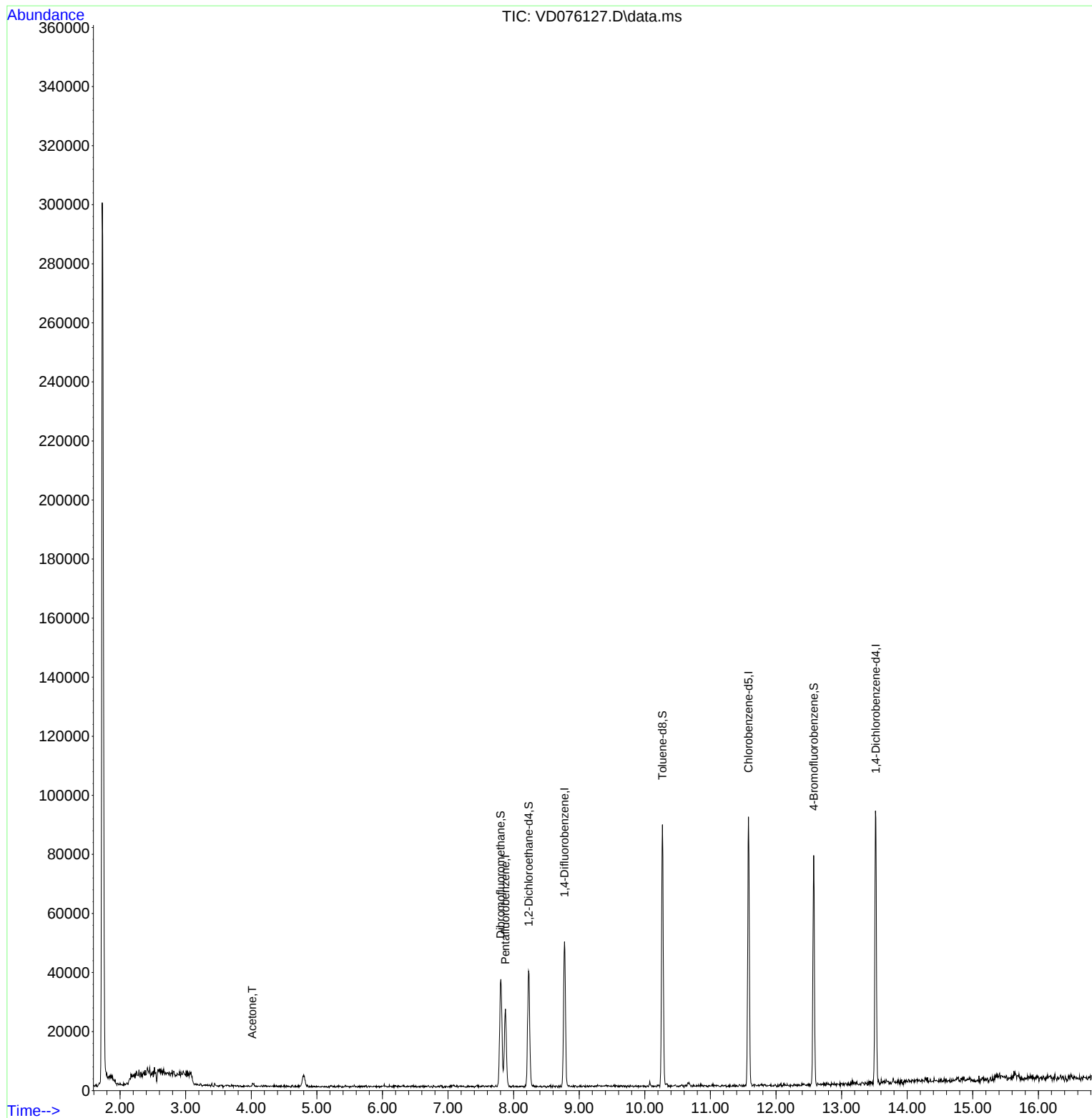
Internal Standards						
1) Pentafluorobenzene	7.875	168	22356	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	48275	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	58071	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	26540	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	30468	141.013	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	282.020%#	
35) Dibromofluoromethane	7.799	113	28162	84.397	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	168.800%#	
50) Toluene-d8	10.269	98	66025	50.758	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	=	101.520%	
62) 4-Bromofluorobenzene	12.575	95	24264	67.150	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	=	134.300%	
Target Compounds						
					Qvalue	
16) Acetone	4.016	43	1544	35.916	ug/l #	74

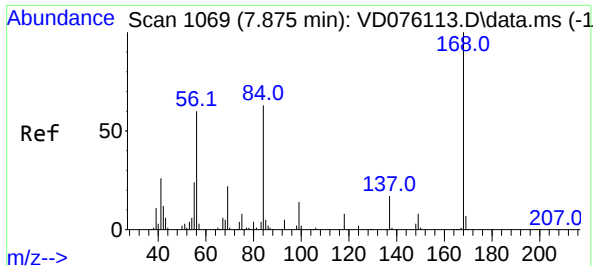
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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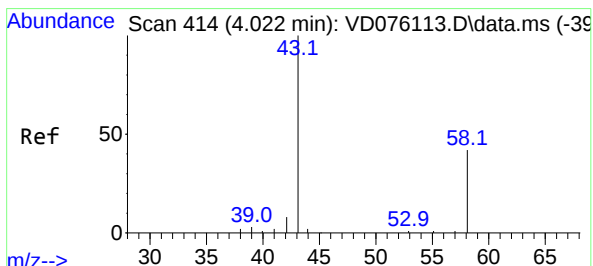
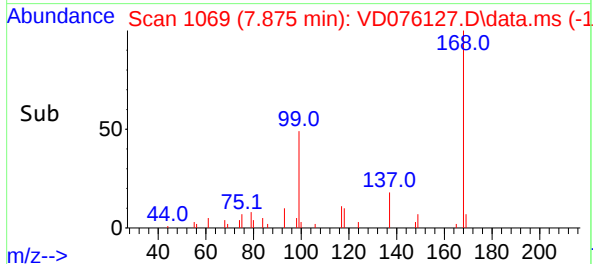
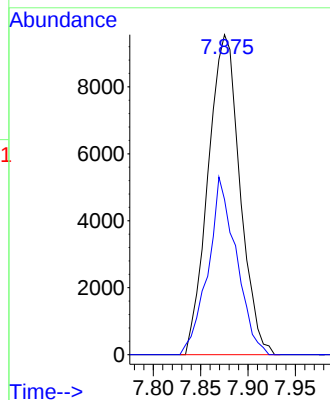
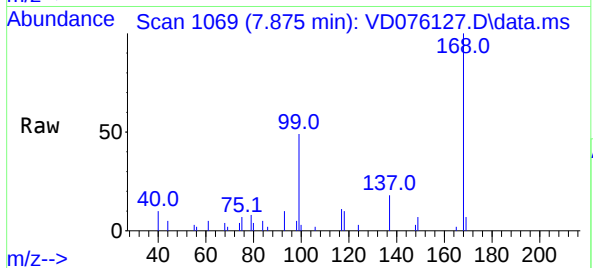




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076127.D
Acq: 17 May 2023 17:14

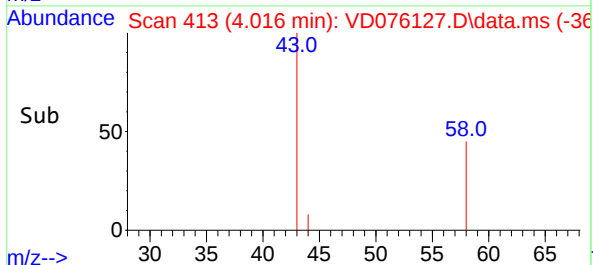
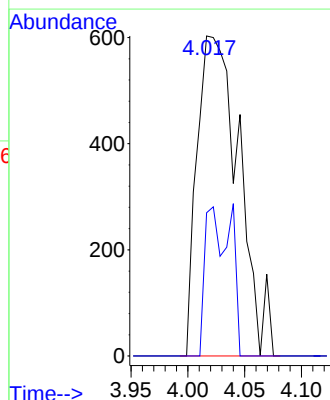
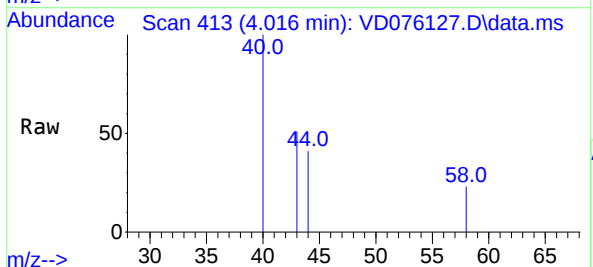
Instrument :
MSVOA_D
ClientSampleId :
CB-22-K2-SO-3.5-051623

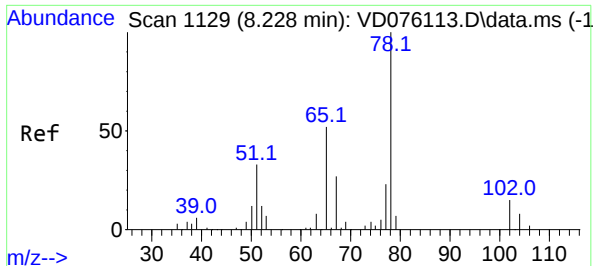
Tgt Ion:168 Resp: 22356
Ion Ratio Lower Upper
168 100
99 48.5 43.8 65.6



#16
Acetone
Concen: 35.916 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD076127.D
Acq: 17 May 2023 17:14

Tgt Ion: 43 Resp: 1544
Ion Ratio Lower Upper
43 100
58 44.8 24.4 36.6#





#33

1,2-Dichloroethane-d4

Concen: 141.013 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD076127.D

Acq: 17 May 2023 17:14

Instrument :

MSVOA_D

ClientSampleId :

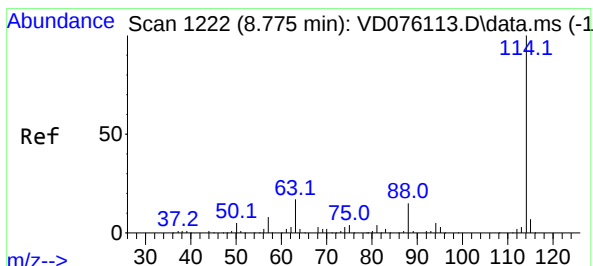
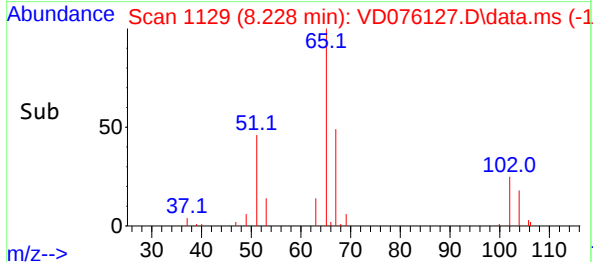
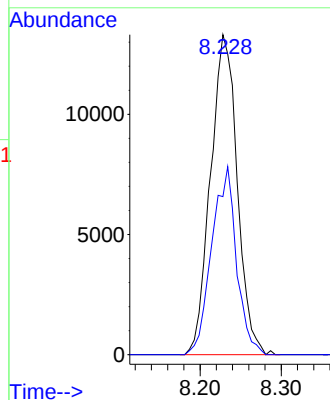
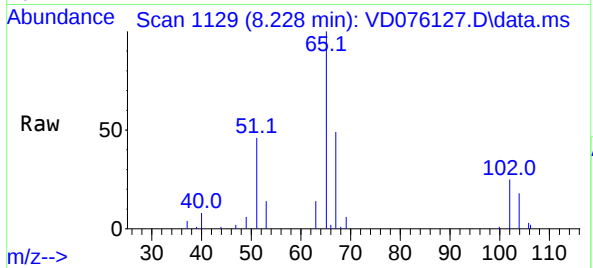
CB-22-K2-SO-3.5-051623

Tgt Ion: 65 Resp: 30468

Ion Ratio Lower Upper

65 100

67 54.4 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD076127.D

Acq: 17 May 2023 17:14

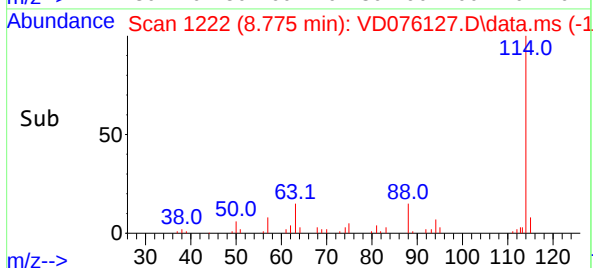
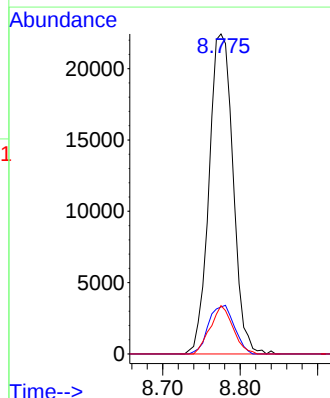
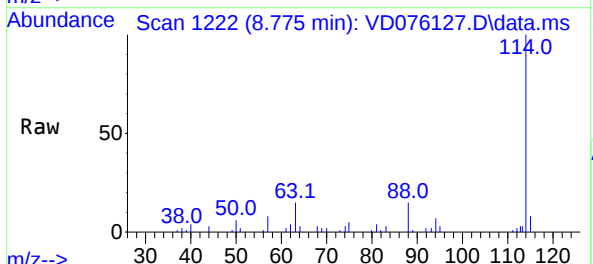
Tgt Ion: 114 Resp: 48275

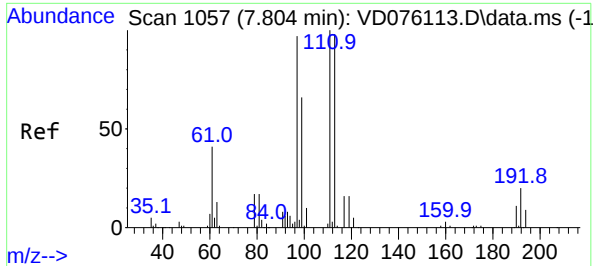
Ion Ratio Lower Upper

114 100

63 14.7 0.0 41.6

88 15.1 0.0 30.6

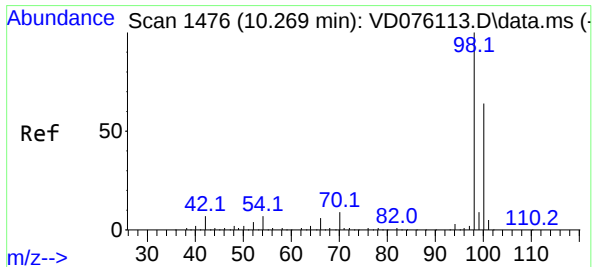
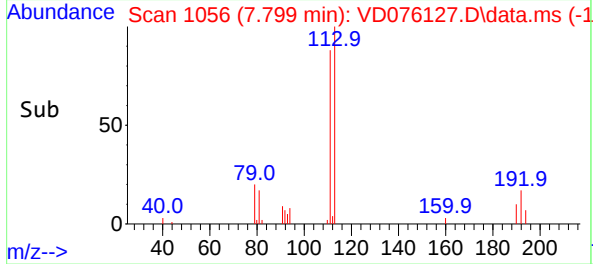
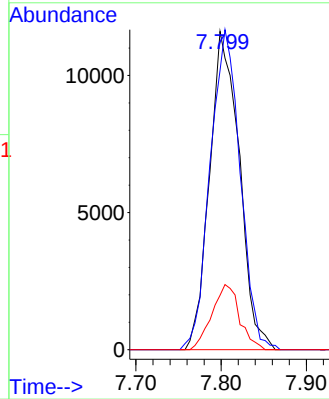
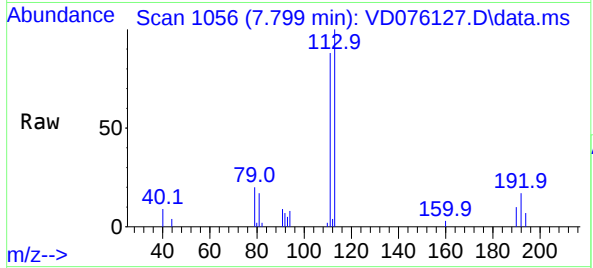




#35
Dibromofluoromethane
Concen: 84.397 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VD076127.D
Acq: 17 May 2023 17:14

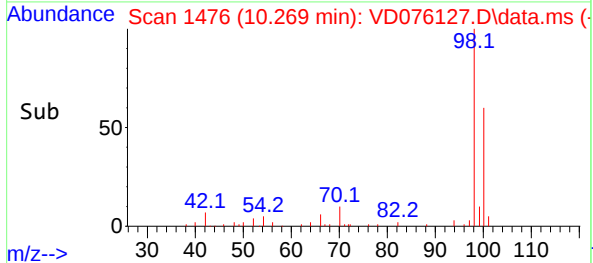
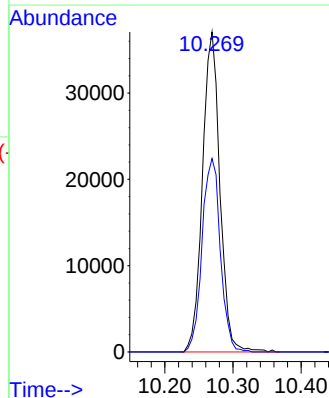
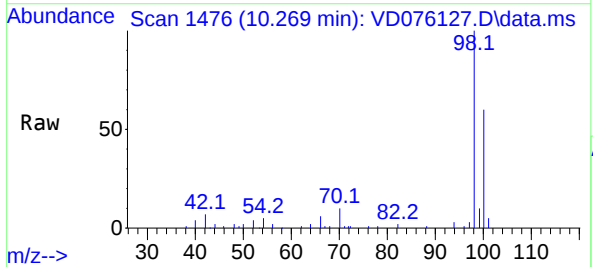
Instrument :
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ClientSampleId :
CB-22-K2-SO-3.5-051623

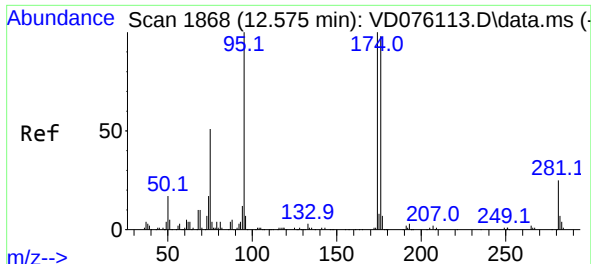
Tgt Ion:	113	Resp:	28162
Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.4	122.0
192	19.0	15.2	22.8



#50
Toluene-d8
Concen: 50.758 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076127.D
Acq: 17 May 2023 17:14

Tgt Ion:	98	Resp:	66025
Ion	Ratio	Lower	Upper
98	100		
100	63.1	52.1	78.1

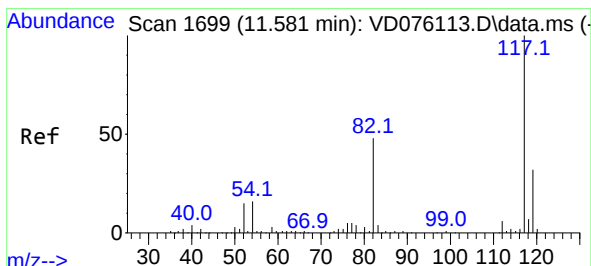
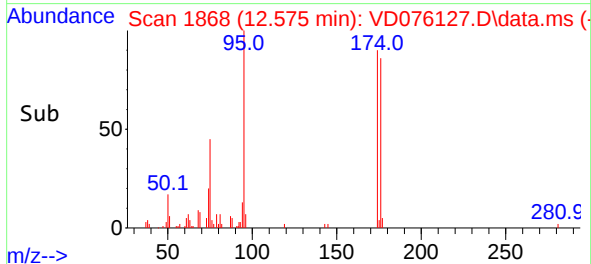
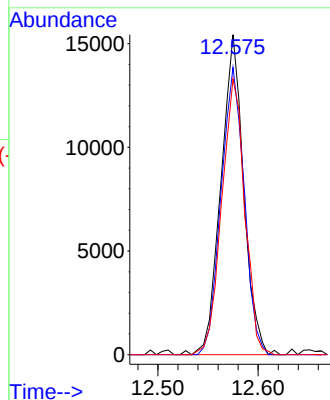
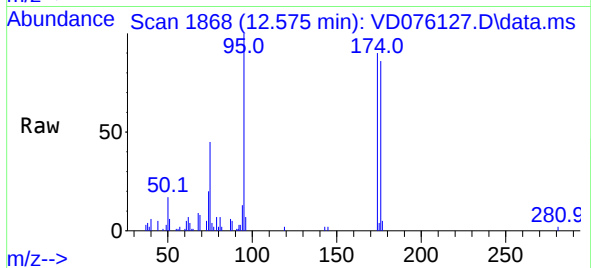




#62
4-Bromofluorobenzene
Concen: 67.150 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076127.D
Acq: 17 May 2023 17:14

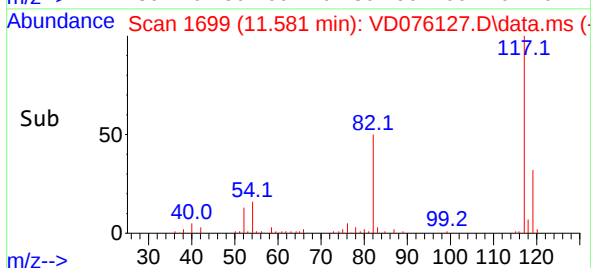
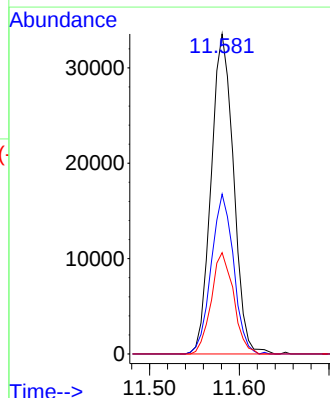
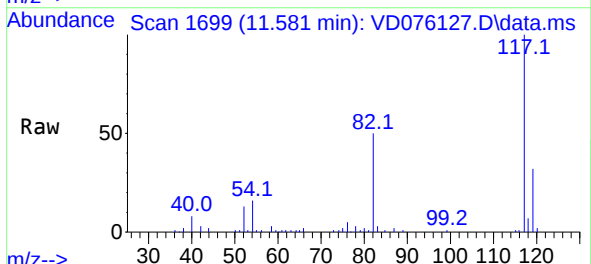
Instrument : MSVOA_D
ClientSampleId : CB-22-K2-SO-3.5-051623

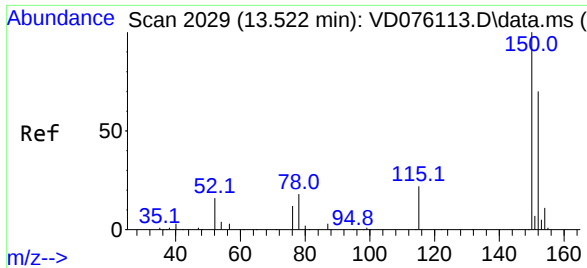
Tgt Ion:	95	Resp:	24264
Ion	Ratio	Lower	Upper
95	100		
174	91.1	0.0	164.0
176	87.5	0.0	156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076127.D
Acq: 17 May 2023 17:14

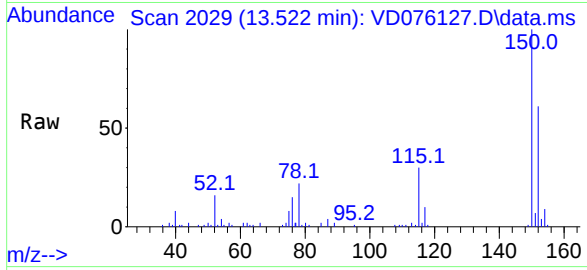
Tgt Ion:	117	Resp:	58071
Ion	Ratio	Lower	Upper
117	100		
82	49.9	44.0	66.0
119	31.7	25.1	37.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD076127.D
 Acq: 17 May 2023 17:14

Instrument :
 MSVOA_D
 ClientSampleId :
 CB-22-K2-SO-3.5-051623



Tgt Ion:152 Resp: 26540
 Ion Ratio Lower Upper
 152 100
 115 51.2 30.1 90.3
 150 158.4 0.0 364.8

