

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051823\
 Data File : VD076145.D
 Acq On : 18 May 2023 17:29
 Operator : KP/SY
 Sample : 02816-07
 Misc : 6.39G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CB-22-K2-SO-34-051623

Quant Time: May 19 01:54:27 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	146003	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	274095	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	284284	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	129546	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	115045	81.530	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	163.060%#
35) Dibromofluoromethane	7.804	113	134837	71.169	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	142.340%
50) Toluene-d8	10.269	98	419115	56.747	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	113.500%
62) 4-Bromofluorobenzene	12.575	95	131983	64.331	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	128.660%

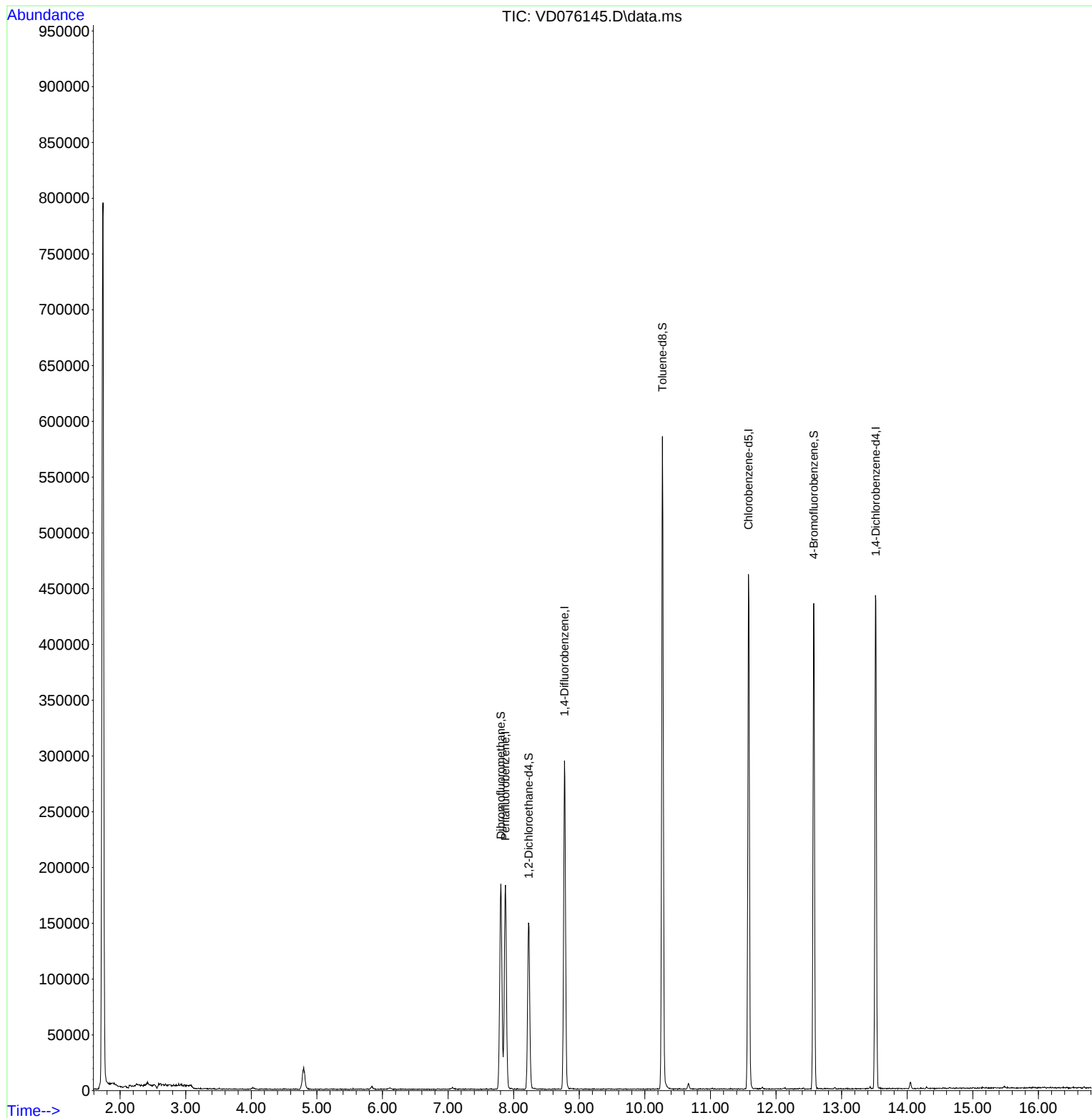
Target Compounds	Qvalue

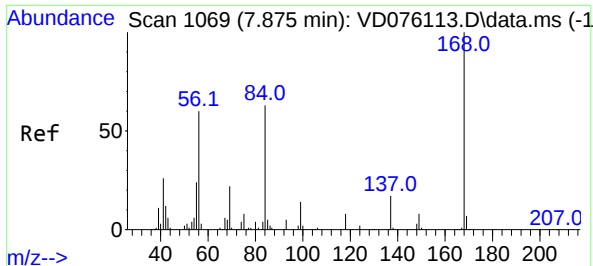
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.000 min

Lab File: VD076145.D

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Instrument :

MSVOA_D

ClientSampleId :

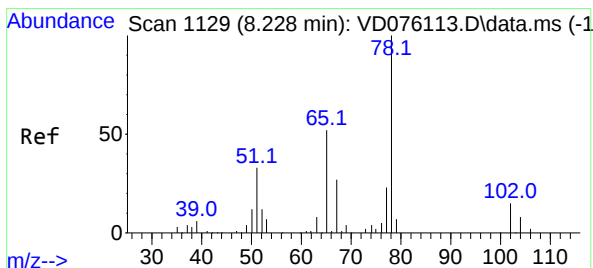
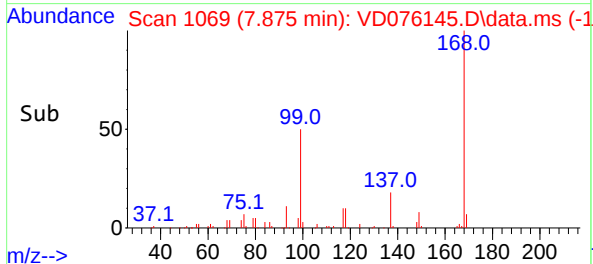
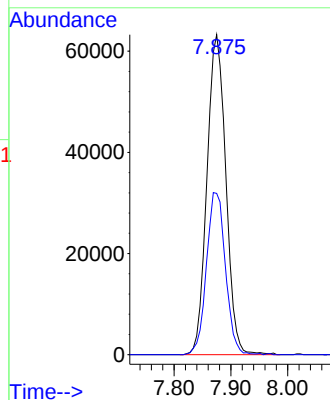
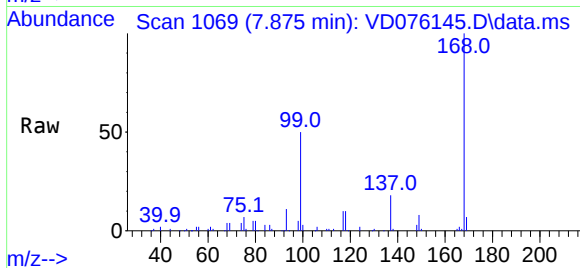
CB-22-K2-SO-34-051623

Tgt Ion:168 Resp: 146003

Ion Ratio Lower Upper

168 100

99 50.4 43.8 65.6



1,2-Dichloroethane-d4

Concen: 81.530 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD076145.D

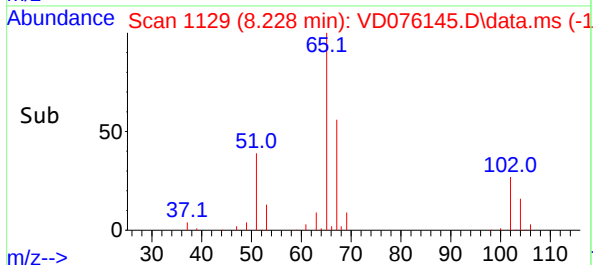
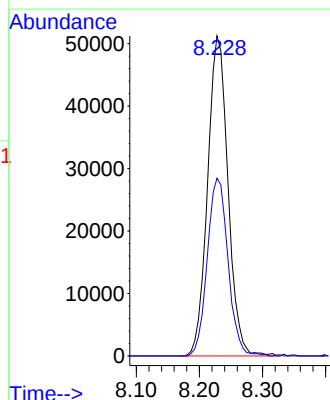
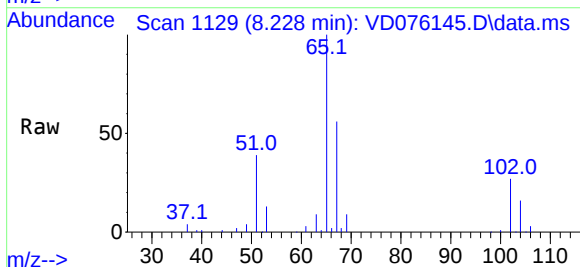
Acq: 18 May 2023 17:29

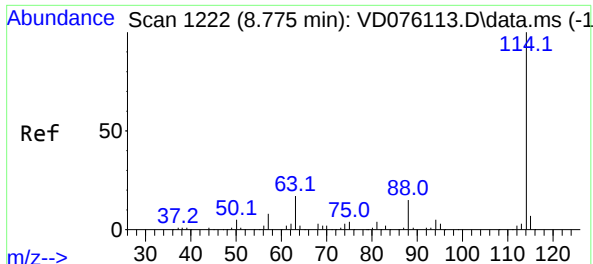
Tgt Ion: 65 Resp: 115045

Ion Ratio Lower Upper

65 100

67 56.4 0.0 102.2



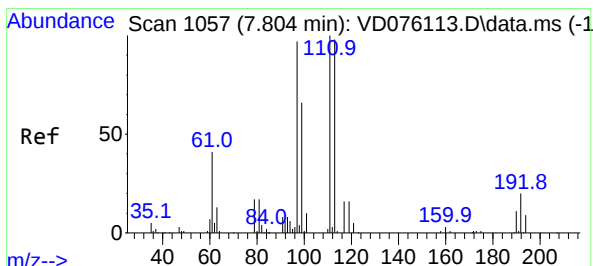
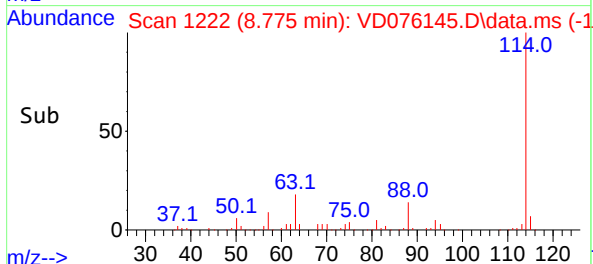
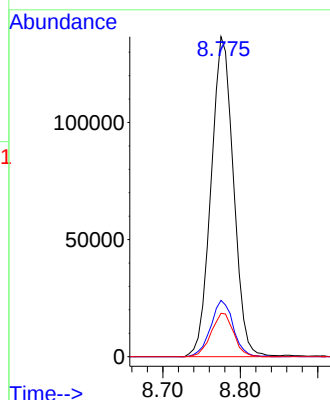
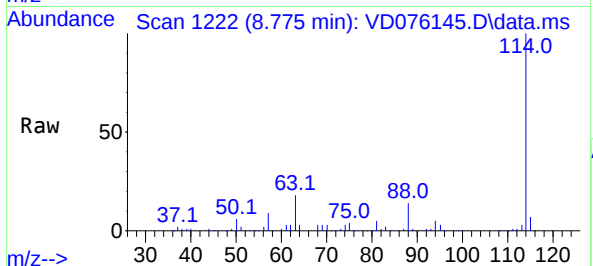


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076145.D
Acq: 18 May 2023 17:29

Instrument :
MSVOA_D
ClientSampleId :
CB-22-K2-SO-34-051623

Tgt Ion:114 Resp: 274095

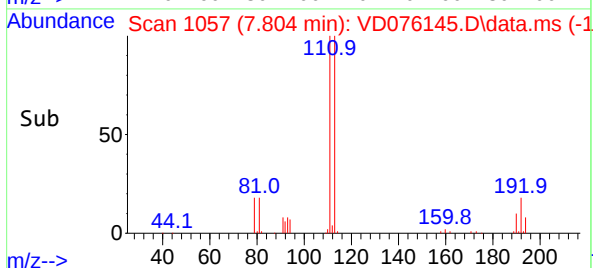
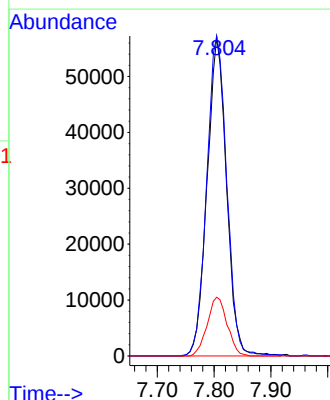
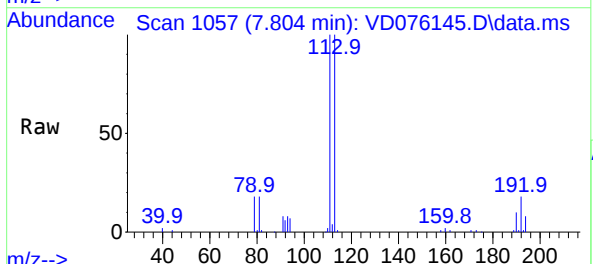
Ion	Ratio	Lower	Upper
114	100		
63	17.6	0.0	41.6
88	13.5	0.0	30.6

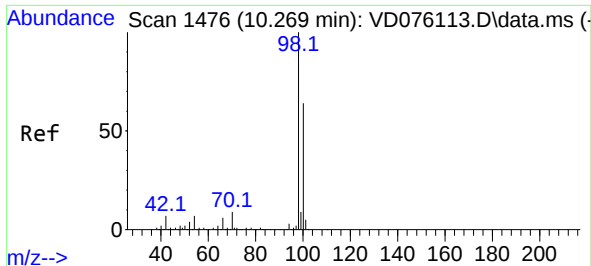


#35
Dibromofluoromethane
Concen: 71.169 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.001 min
Lab File: VD076145.D
Acq: 18 May 2023 17:29

Tgt Ion:113 Resp: 134837

Ion	Ratio	Lower	Upper
113	100		
111	104.0	81.4	122.0
192	18.9	15.2	22.8

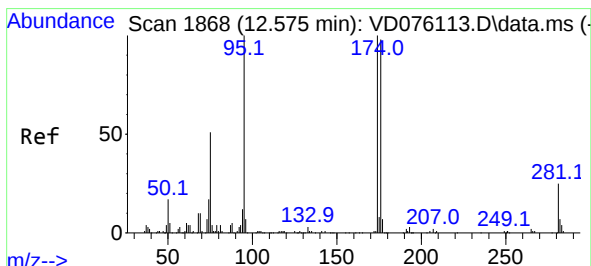
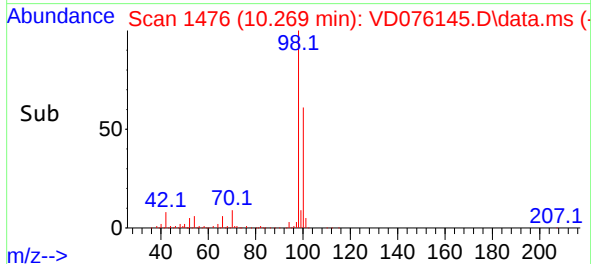
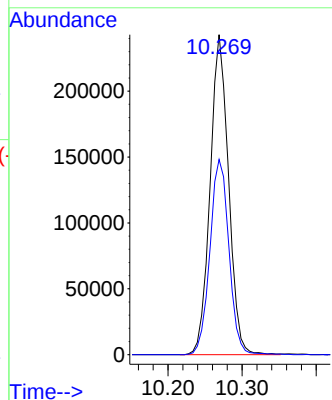
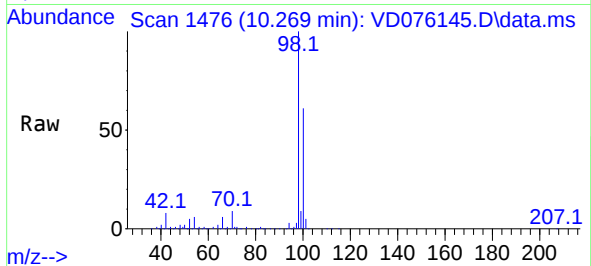




#50
Toluene-d8
Concen: 56.747 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076145.D
Acq: 18 May 2023 17:29

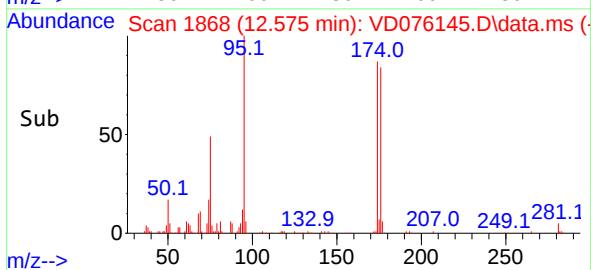
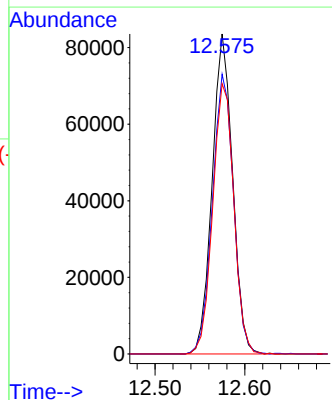
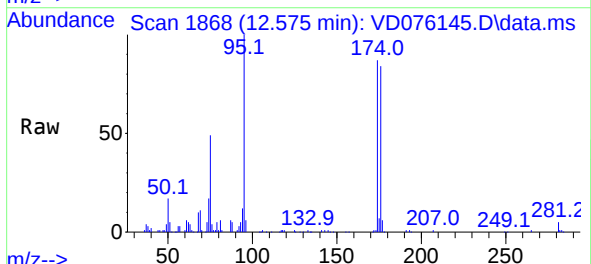
Instrument :
MSVOA_D
ClientSampleId :
CB-22-K2-SO-34-051623

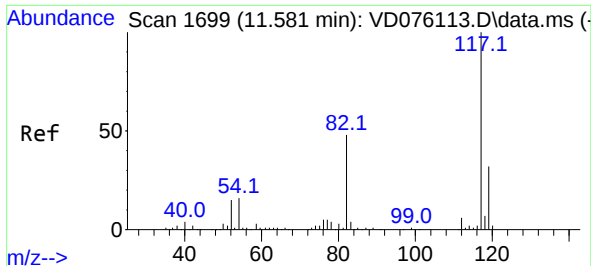
Tgt Ion: 98 Resp: 419115
Ion Ratio Lower Upper
98 100
100 63.0 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 64.331 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076145.D
Acq: 18 May 2023 17:29

Tgt Ion: 95 Resp: 131983
Ion Ratio Lower Upper
95 100
174 90.1 0.0 164.0
176 87.2 0.0 156.8

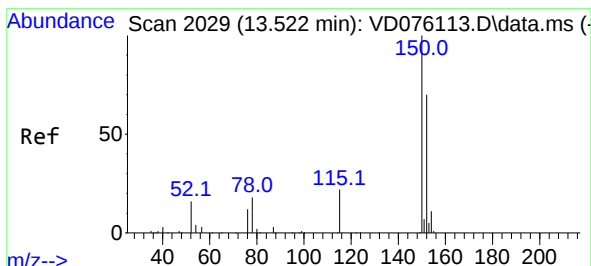
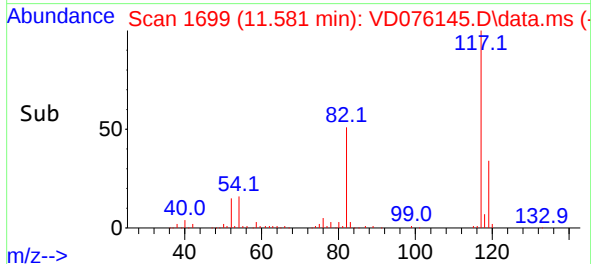
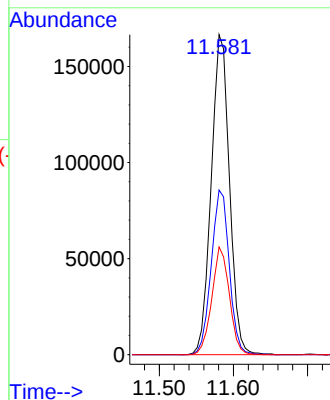
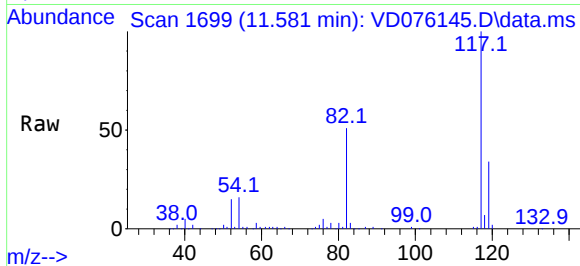




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076145.D
Acq: 18 May 2023 17:29

Instrument :
MSVOA_D
ClientSampleId :
CB-22-K2-SO-34-051623

Tgt Ion:	117	Resp:	284284
Ion	Ratio	Lower	Upper
117	100		
82	51.5	44.0	66.0
119	33.7	25.1	37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD076145.D
Acq: 18 May 2023 17:29

Tgt Ion:	152	Resp:	129546
Ion	Ratio	Lower	Upper
152	100		
115	54.8	30.1	90.3
150	158.6	0.0	364.8

