

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051823\
 Data File : VD076140.D
 Acq On : 18 May 2023 15:02
 Operator : KP/SY
 Sample : 02816-04
 Misc : 6.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CB-22-K2-SO-18-051623

Quant Time: May 19 01:53:28 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)

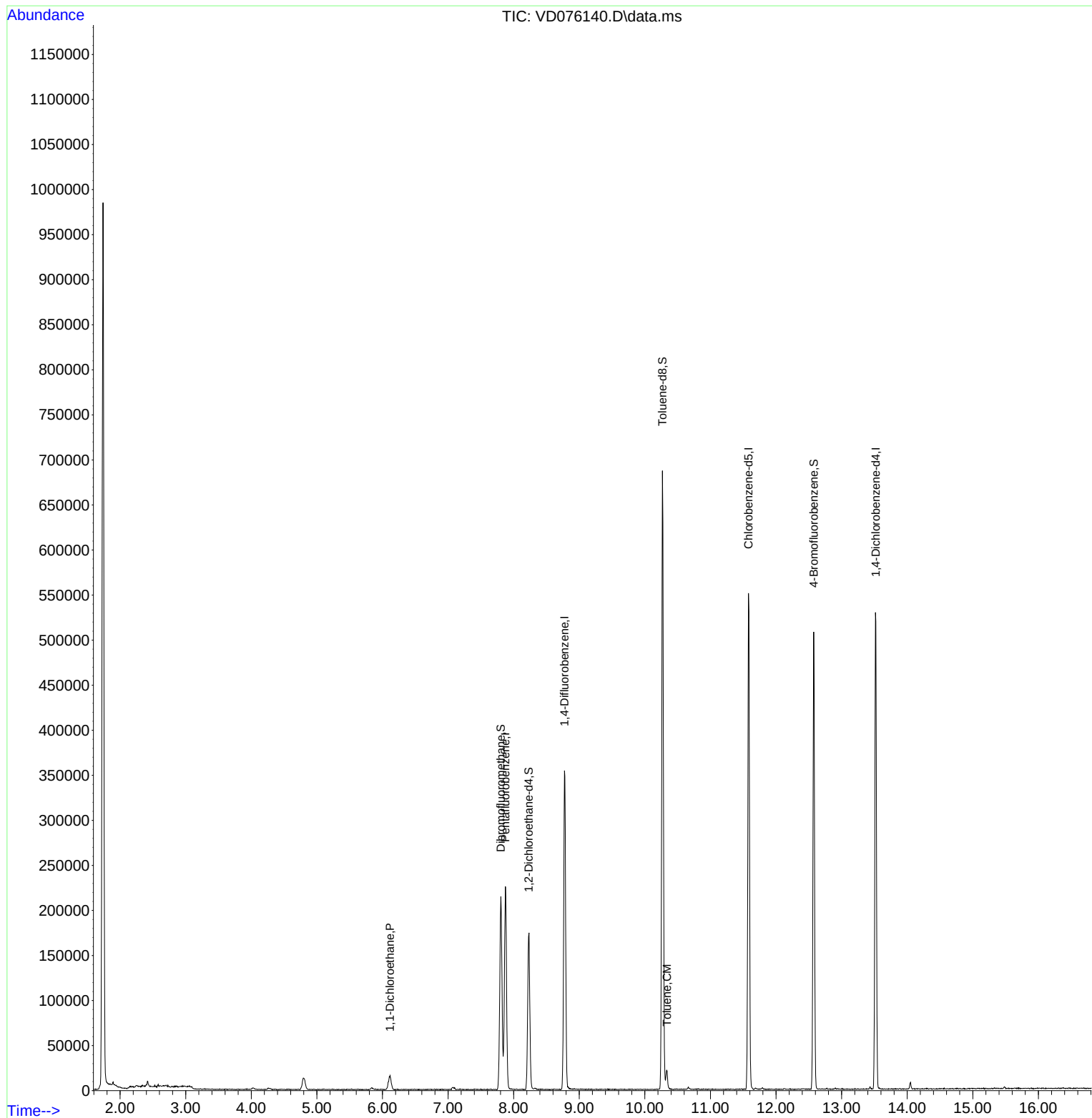
Internal Standards						
1) Pentafluorobenzene	7.875	168	178705	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	343909	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	347013	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	155328	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	133327	77.195	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	154.400%
35) Dibromofluoromethane	7.804	113	156739	65.935	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	131.880%
50) Toluene-d8	10.269	98	496104	53.536	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	107.080%
62) 4-Bromofluorobenzene	12.575	95	152643	59.298	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	118.600%
Target Compounds						
24) 1,1-Dichloroethane	6.116	63	22759	6.343	ug/l	94
52) Toluene	10.340	92	8292	1.286	ug/l	78

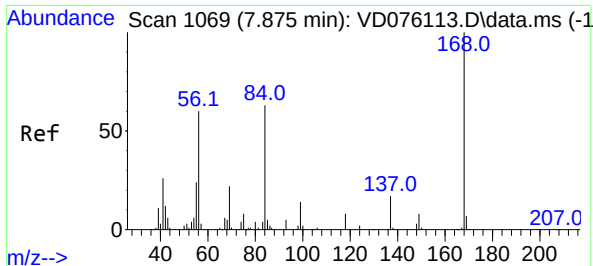
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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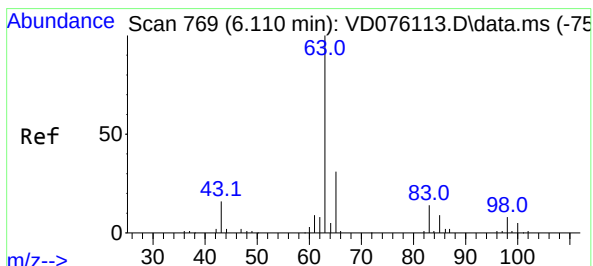
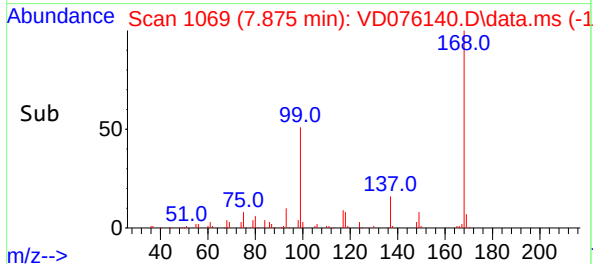
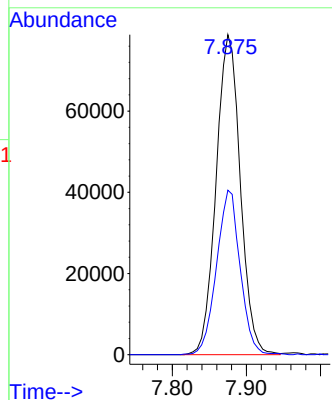
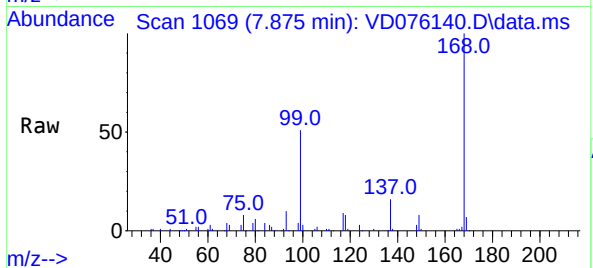




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD076140.D
Acq: 18 May 2023 15:02

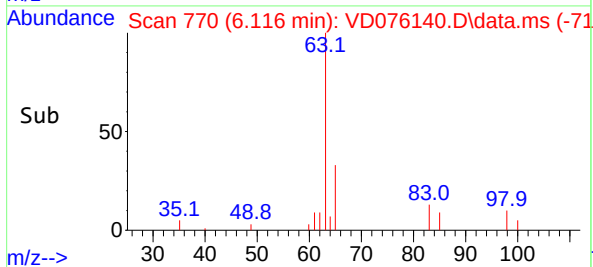
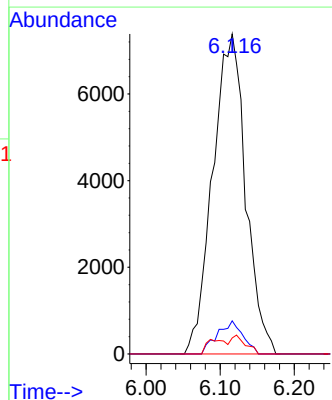
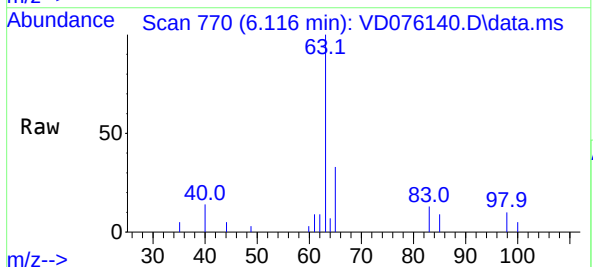
Instrument :
MSVOA_D
ClientSampleId :
CB-22-K2-SO-18-051623

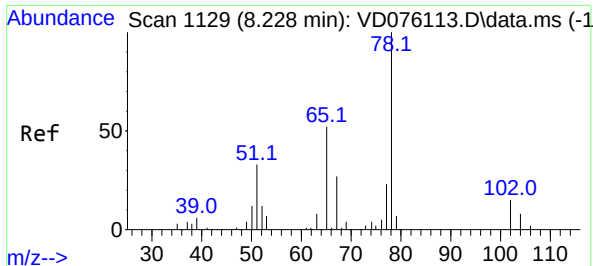
Tgt Ion:168 Resp: 178705
Ion Ratio Lower Upper
168 100
99 51.4 43.8 65.6



#24
1,1-Dichloroethane
Concen: 6.343 ug/l
RT: 6.116 min Scan# 770
Delta R.T. 0.006 min
Lab File: VD076140.D
Acq: 18 May 2023 15:02

Tgt Ion: 63 Resp: 22759
Ion Ratio Lower Upper
63 100
98 10.4 3.9 11.7
100 5.0 2.0 6.0





#33

1,2-Dichloroethane-d4

Concen: 77.195 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD076140.D

Acq: 18 May 2023 15:02

Instrument :

MSVOA_D

ClientSampleId :

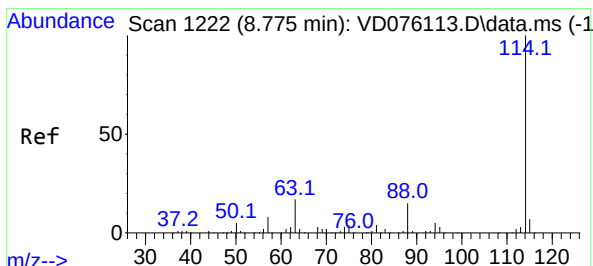
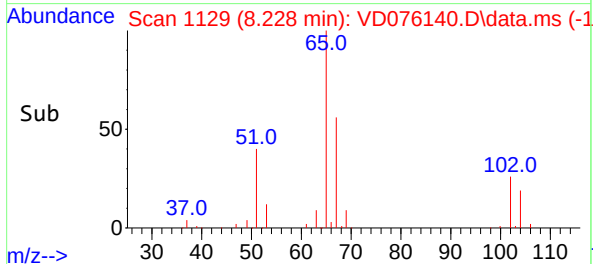
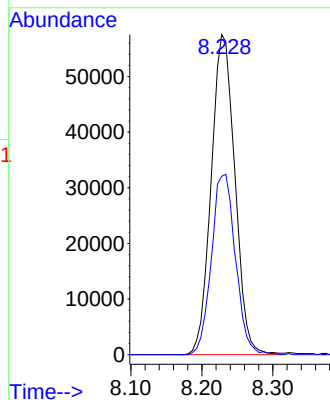
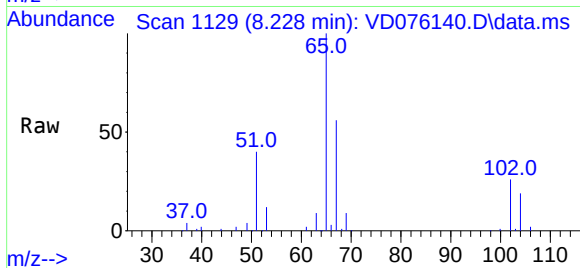
CB-22-K2-SO-18-051623

Tgt Ion: 65 Resp: 133327

Ion Ratio Lower Upper

65 100

67 57.0 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: VD076140.D

Acq: 18 May 2023 15:02

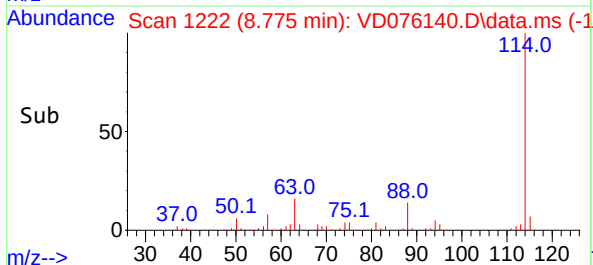
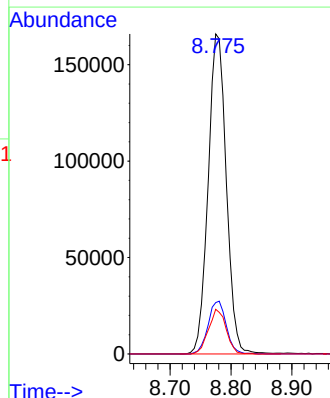
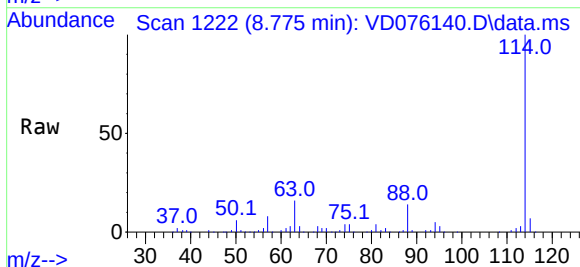
Tgt Ion: 114 Resp: 343909

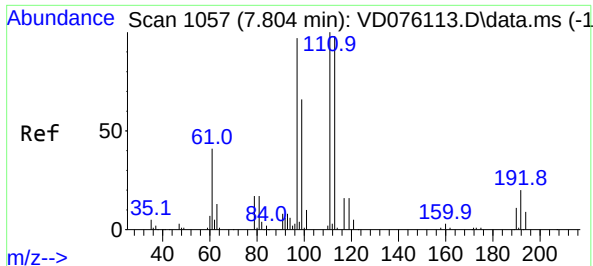
Ion Ratio Lower Upper

114 100

63 16.1 0.0 41.6

88 13.9 0.0 30.6

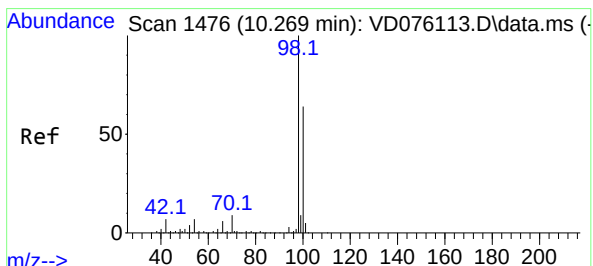
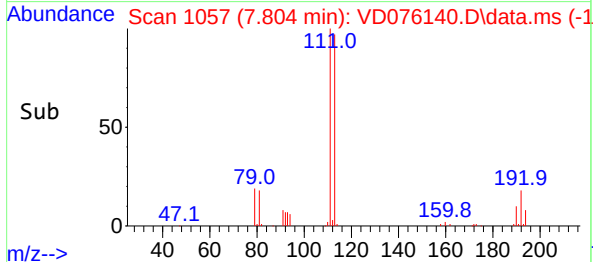
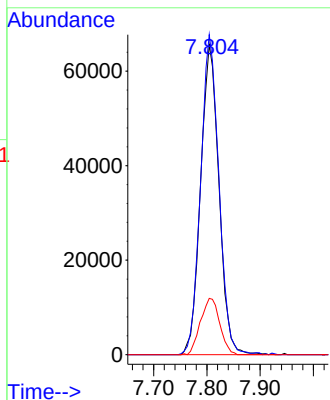
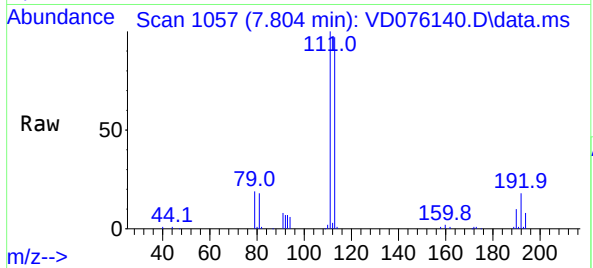




#35
Dibromofluoromethane
Concen: 65.935 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.001 min
Lab File: VD076140.D
Acq: 18 May 2023 15:02

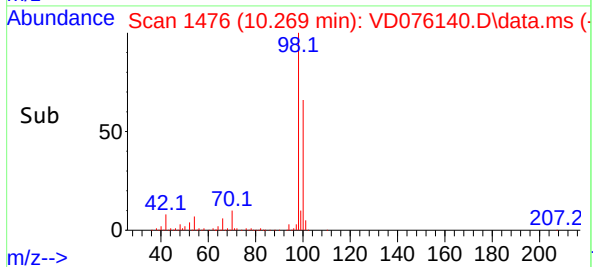
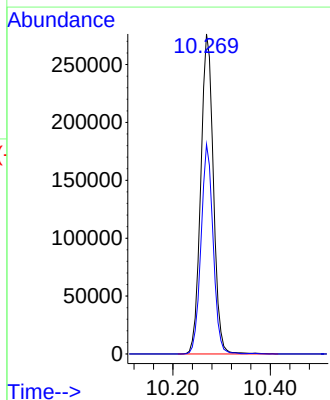
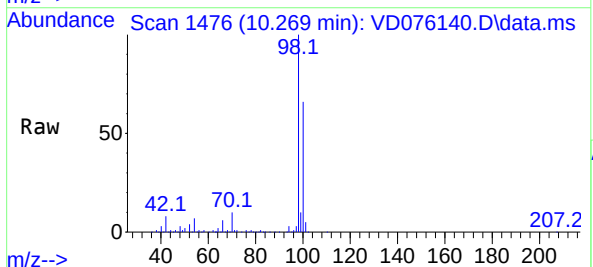
Instrument :
MSVOA_D
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CB-22-K2-SO-18-051623

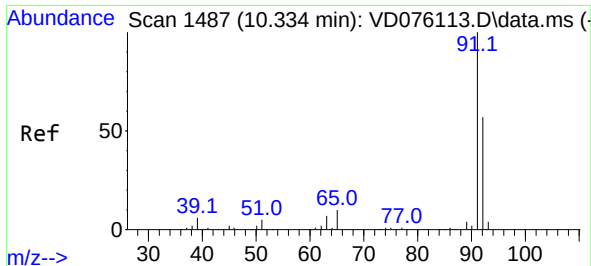
Tgt Ion:113 Resp: 156739
Ion Ratio Lower Upper
113 100
111 102.7 81.4 122.0
192 19.1 15.2 22.8



#50
Toluene-d8
Concen: 53.536 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076140.D
Acq: 18 May 2023 15:02

Tgt Ion: 98 Resp: 496104
Ion Ratio Lower Upper
98 100
100 62.9 52.1 78.1

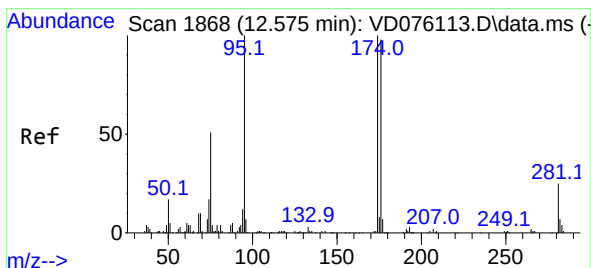
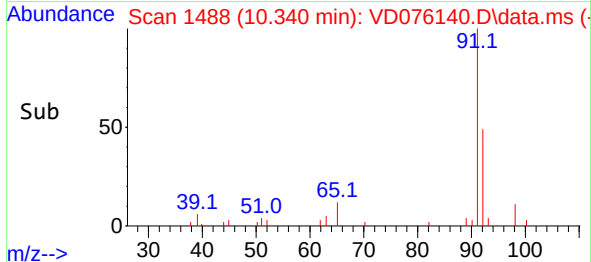
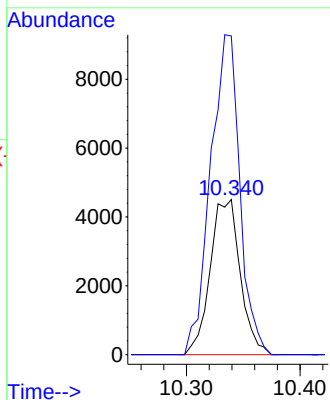
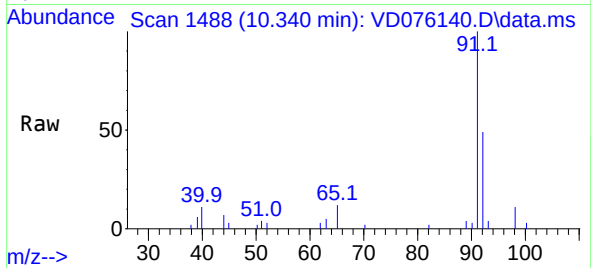




#52
Toluene
Concen: 1.286 ug/l
RT: 10.340 min Scan# 1487
Delta R.T. 0.006 min
Lab File: VD076140.D
Acq: 18 May 2023 15:02

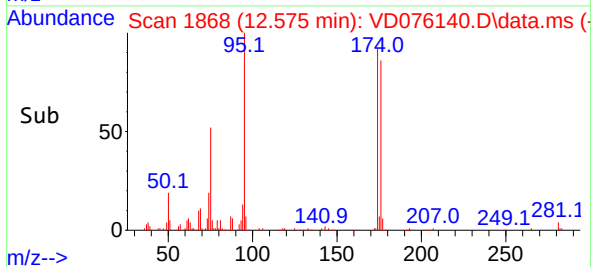
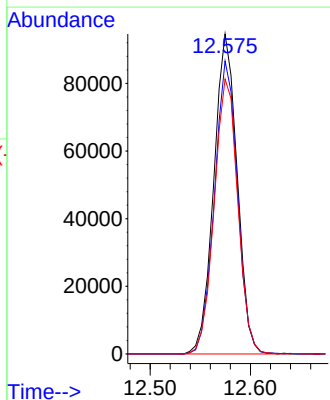
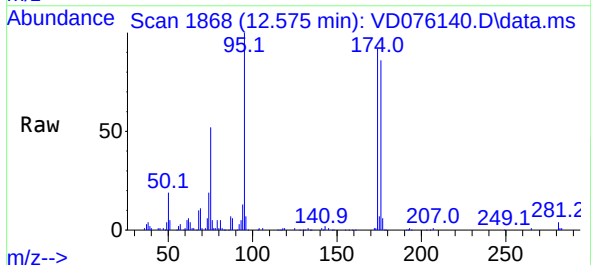
Instrument :
MSVOA_D
ClientSampleId :
CB-22-K2-SO-18-051623

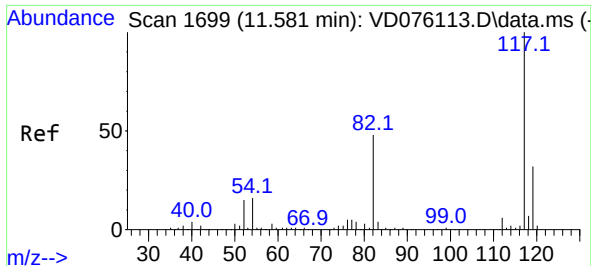
Tgt Ion: 92 Resp: 8292
Ion Ratio Lower Upper
92 100
91 201.0 136.5 204.7



#62
4-Bromofluorobenzene
Concen: 59.298 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076140.D
Acq: 18 May 2023 15:02

Tgt Ion: 95 Resp: 152643
Ion Ratio Lower Upper
95 100
174 90.4 0.0 164.0
176 86.7 0.0 156.8

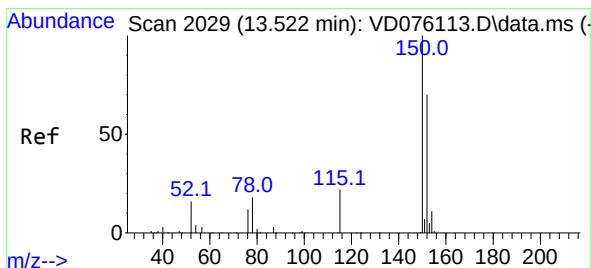
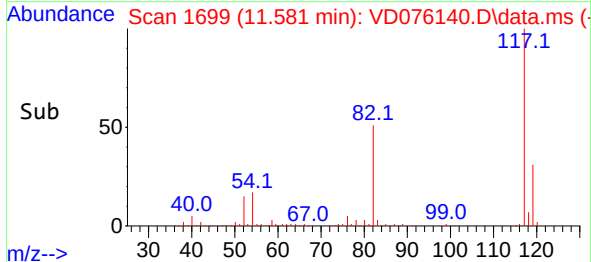
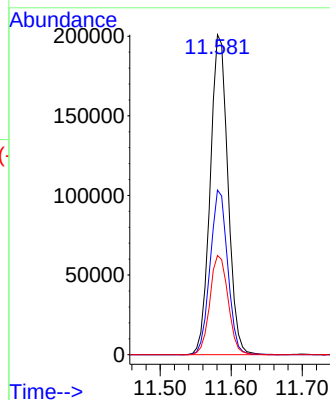
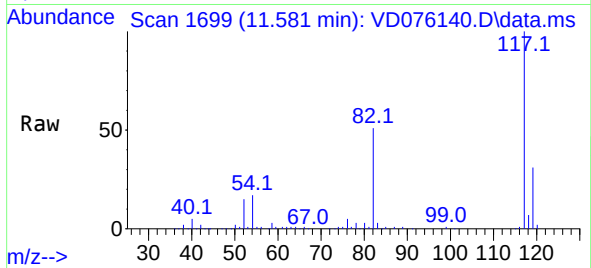




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD076140.D
Acq: 18 May 2023 15:02

Instrument :
MSVOA_D
ClientSampleId :
CB-22-K2-SO-18-051623

Tgt Ion:117 Resp: 347013
Ion Ratio Lower Upper
117 100
82 51.5 44.0 66.0
119 31.0 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: VD076140.D
Acq: 18 May 2023 15:02

Tgt Ion:152 Resp: 155328
Ion Ratio Lower Upper
152 100
115 52.6 30.1 90.3
150 156.2 0.0 364.8

