

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041223\
 Data File : VD075640.D
 Acq On : 12 Apr 2023 15:18
 Operator : KP/SY
 Sample : 02260-09
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1C

Quant Time: Apr 13 07:28:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041023S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 12 10:29:09 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	1510	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	2913	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	2856	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	705	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	1058	85.410	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	170.820%#
35) Dibromofluoromethane	7.804	113	1319	77.262	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	154.520%#
50) Toluene-d8	10.263	98	2952	44.085	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	88.160%
62) 4-Bromofluorobenzene	12.575	95	982	49.848	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.700%

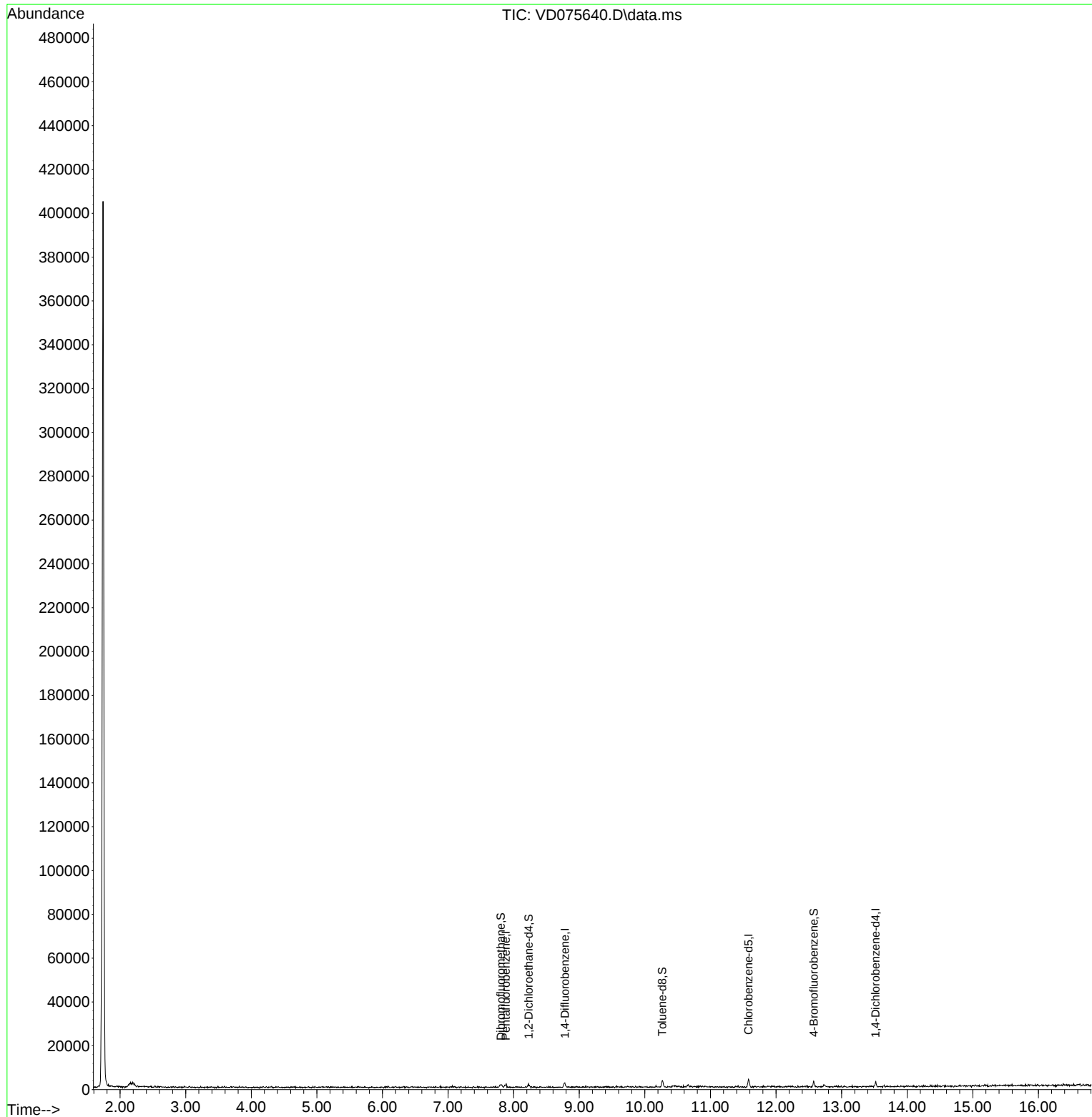
Target Compounds	Qvalue

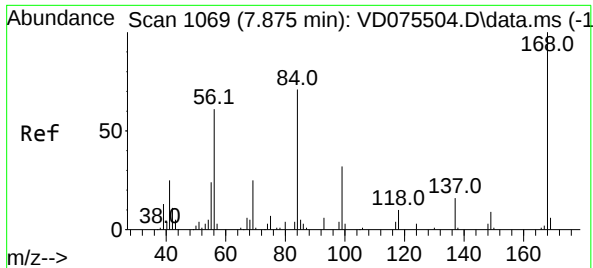
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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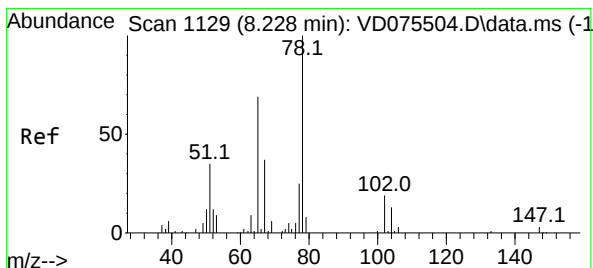
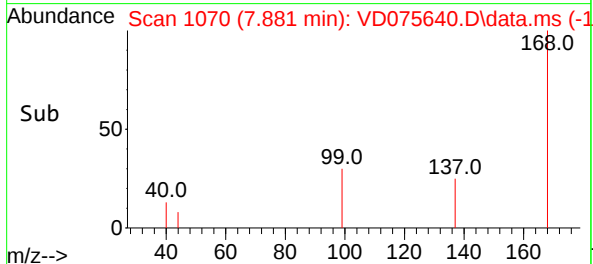
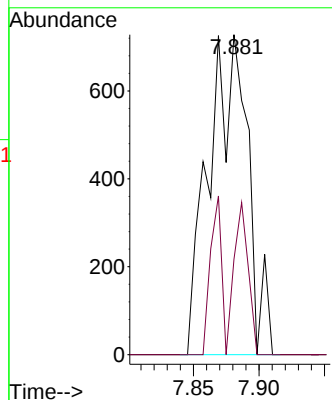
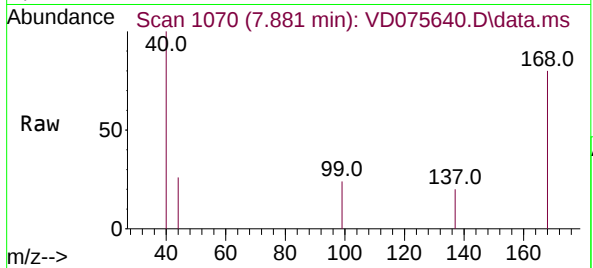




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD075640.D
Acq: 12 Apr 2023 15:18

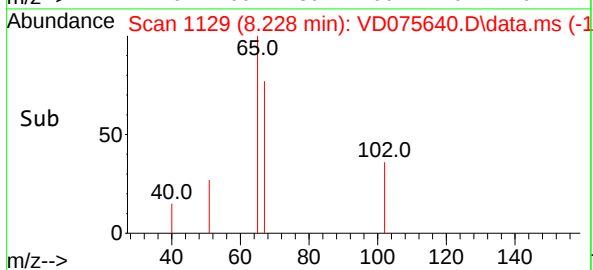
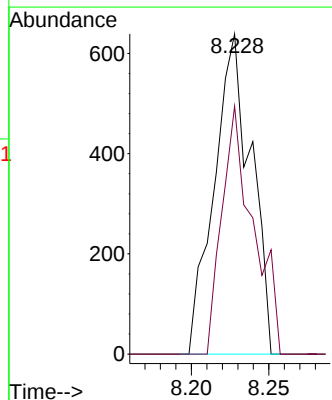
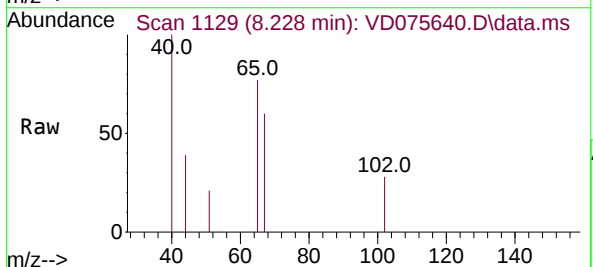
Instrument :
MSVOA_D
ClientSampleId :
SP-1C

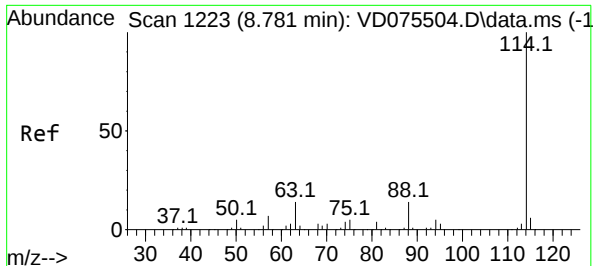
Tgt Ion:168 Resp: 1510
Ion Ratio Lower Upper
168 100
99 29.8 43.8 65.6#



#33
1,2-Dichloroethane-d4
Concen: 85.410 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD075640.D
Acq: 12 Apr 2023 15:18

Tgt Ion: 65 Resp: 1058
Ion Ratio Lower Upper
65 100
67 65.7 0.0 102.2



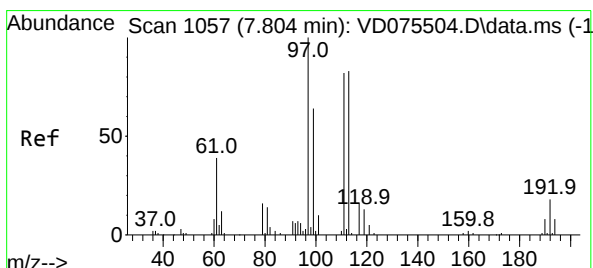
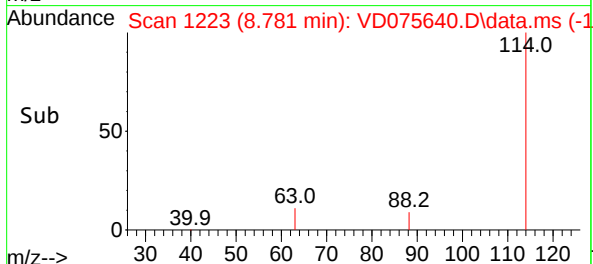
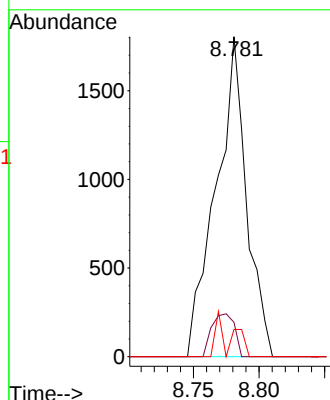
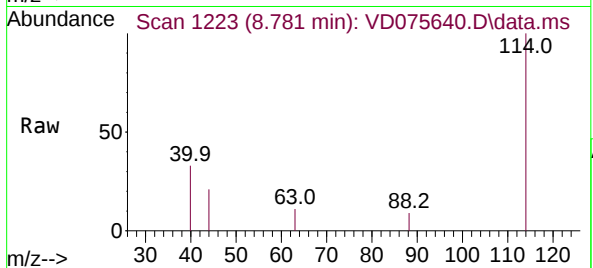


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075640.D
Acq: 12 Apr 2023 15:18

Instrument :
MSVOA_D
ClientSampleId :
SP-1C

Tgt Ion:114 Resp: 2913

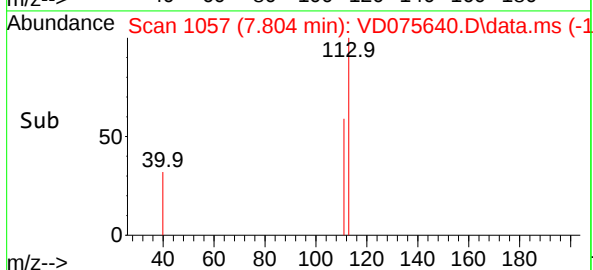
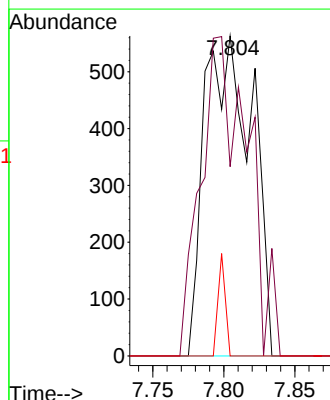
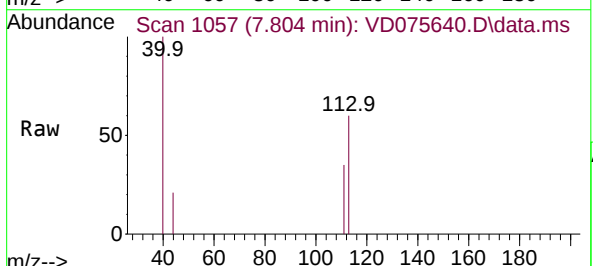
Ion	Ratio	Lower	Upper
114	100		
63	10.7	0.0	41.6
88	8.5	0.0	30.6

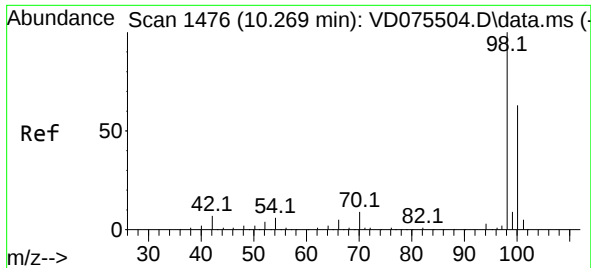


#35
Dibromofluoromethane
Concen: 77.262 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.001 min
Lab File: VD075640.D
Acq: 12 Apr 2023 15:18

Tgt Ion:113 Resp: 1319

Ion	Ratio	Lower	Upper
113	100		
111	98.3	81.4	122.0
192	4.9	15.2	22.8

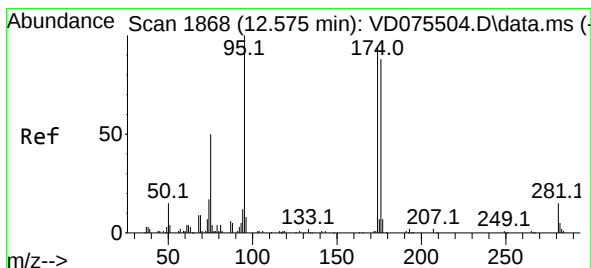
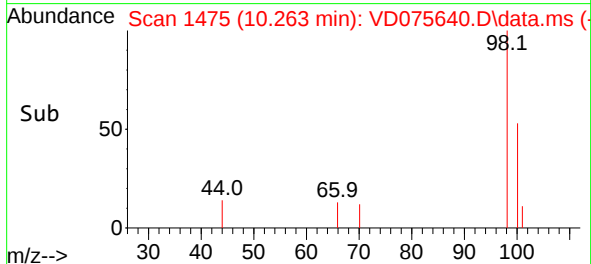
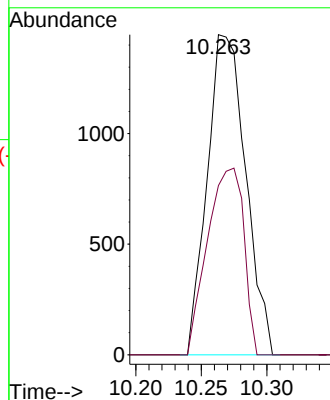
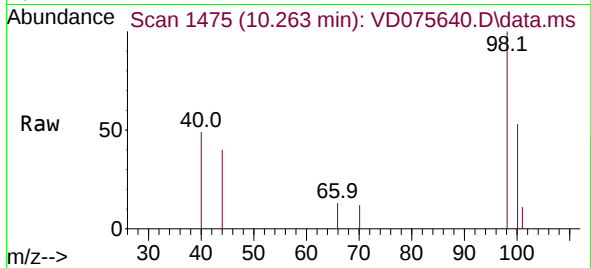




#50
Toluene-d8
Concen: 44.085 ug/l
RT: 10.263 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VD075640.D
Acq: 12 Apr 2023 15:18

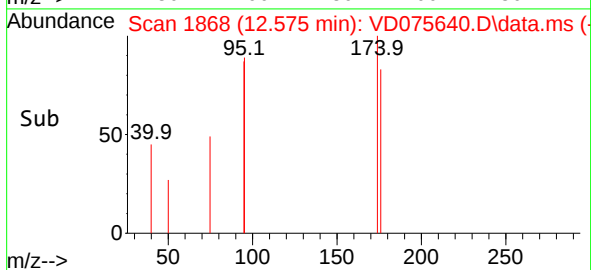
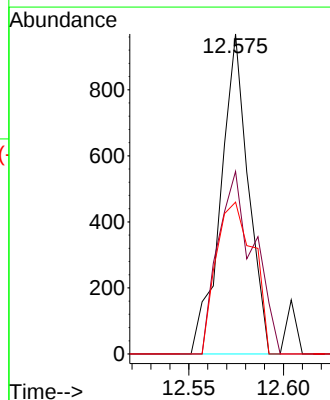
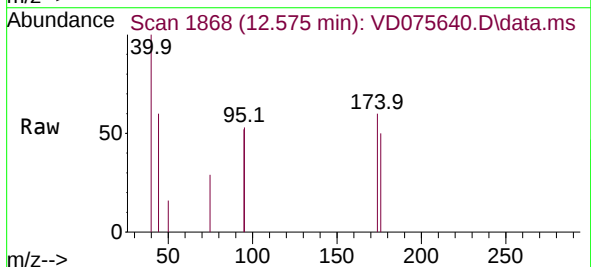
Instrument :
MSVOA_D
ClientSampleId :
SP-1C

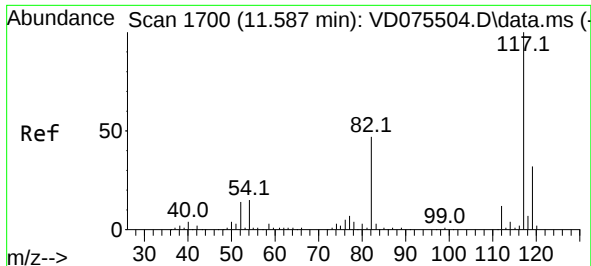
Tgt Ion: 98 Resp: 2952
Ion Ratio Lower Upper
98 100
100 55.0 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 49.848 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075640.D
Acq: 12 Apr 2023 15:18

Tgt Ion: 95 Resp: 982
Ion Ratio Lower Upper
95 100
174 73.9 0.0 164.0
176 64.2 0.0 156.8

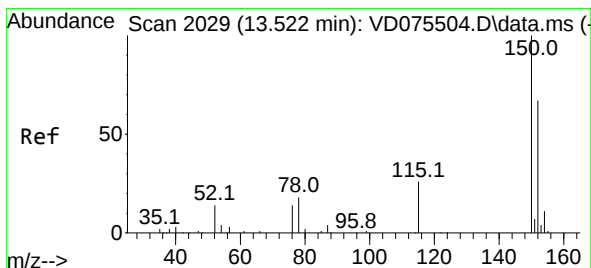
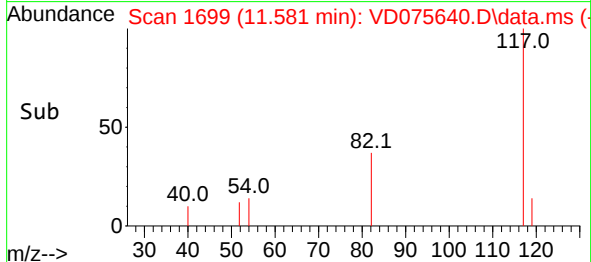
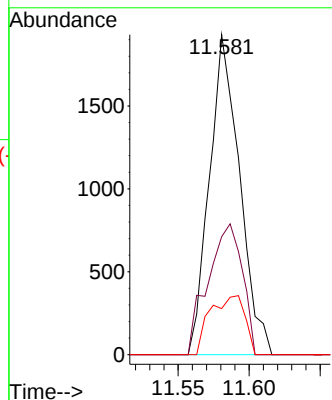
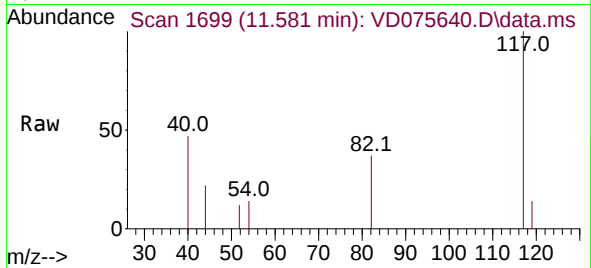




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VD075640.D
Acq: 12 Apr 2023 15:18

Instrument :
MSVOA_D
ClientSampleId :
SP-1C

Tgt Ion:117 Resp: 2856
Ion Ratio Lower Upper
117 100
82 36.8 44.0 66.0#
119 14.4 25.1 37.7#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD075640.D
Acq: 12 Apr 2023 15:18

Tgt Ion:152 Resp: 705
Ion Ratio Lower Upper
152 100
115 63.3 30.1 90.3
150 153.8 0.0 364.8

