

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110322\
 Data File : VD074722.D
 Acq On : 03 Nov 2022 18:23
 Operator : VA/SY
 Sample : N5425-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 371

Quant Time: Nov 04 00:03:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 03 02:30:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.869	168	459	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	934	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	655	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ug/l	-13.52

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.216	65	74	20.356	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	40.720%#
35) Dibromofluoromethane	7.799	113	200	36.199	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	72.400%
50) Toluene-d8	10.269	98	973	48.279	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.560%
62) 4-Bromofluorobenzene	12.575	95	113	19.419	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	38.840%

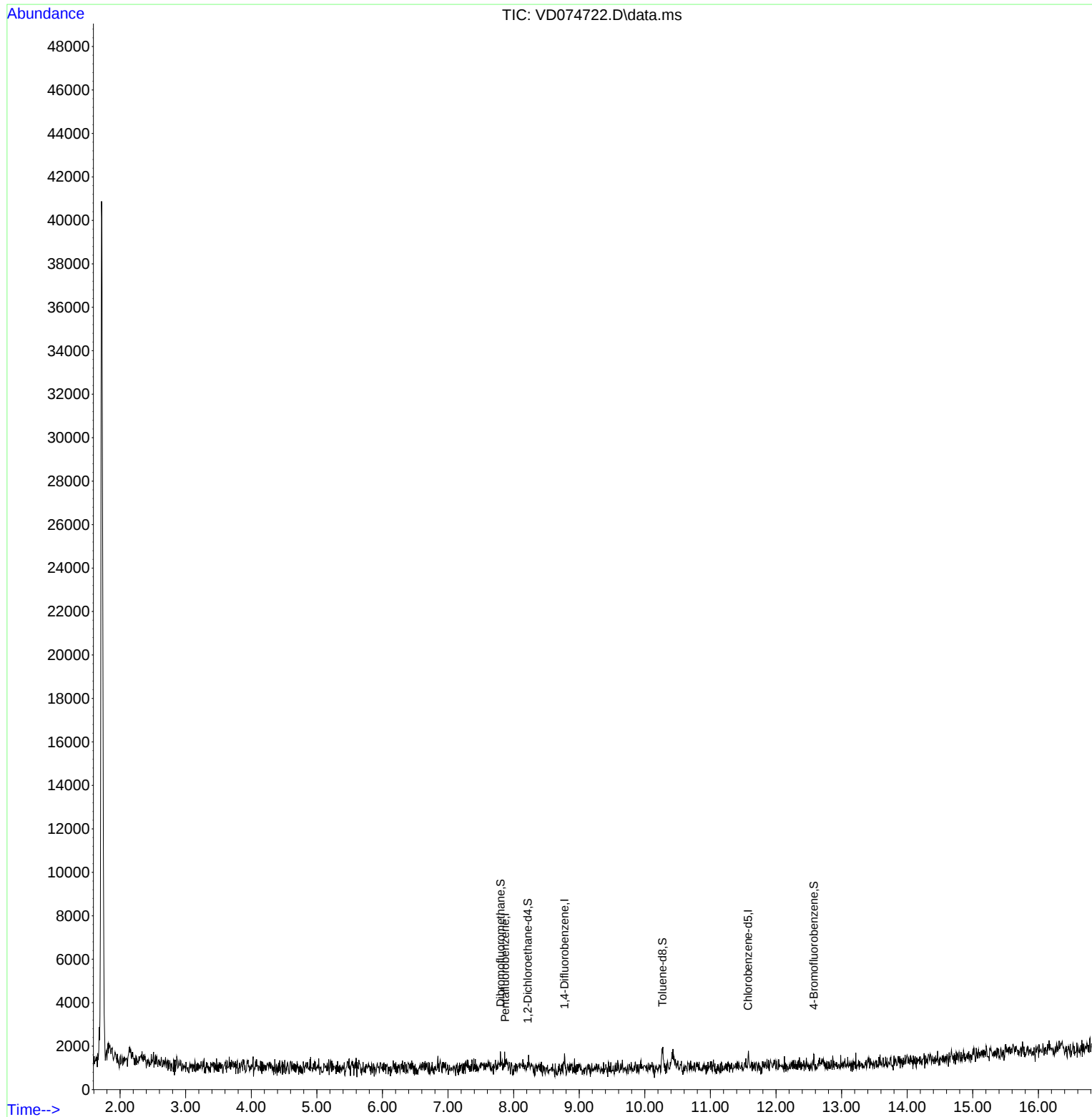
Target Compounds	Qvalue

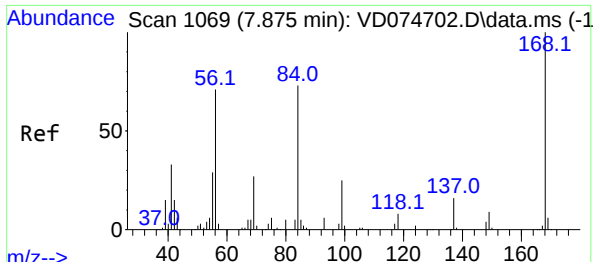
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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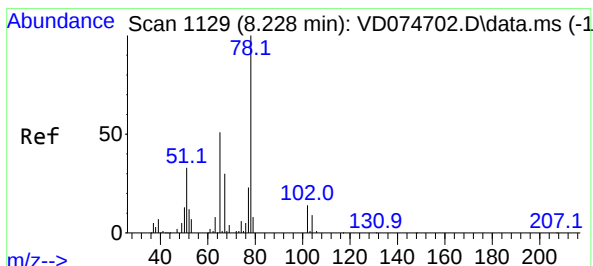
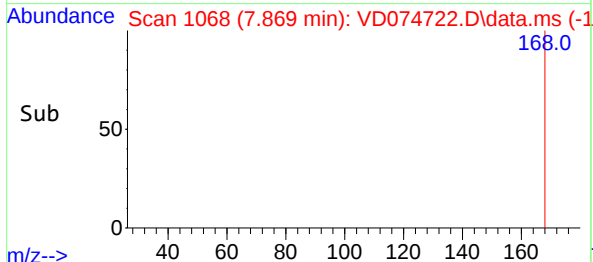
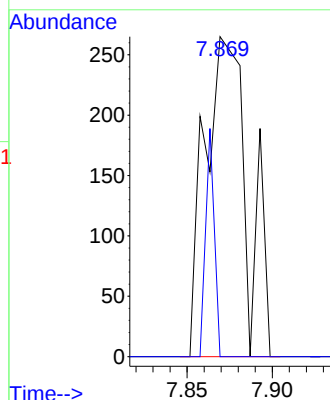
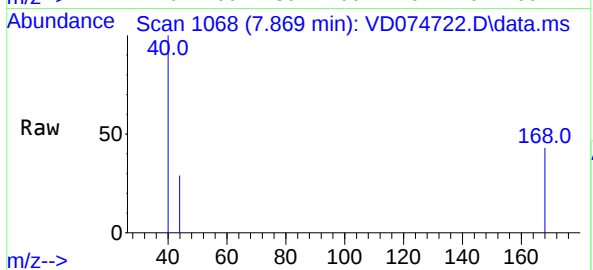




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD074722.D
Acq: 03 Nov 2022 18:23

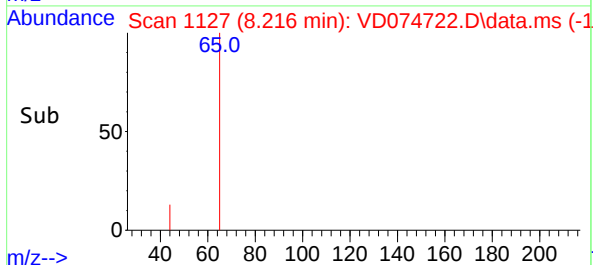
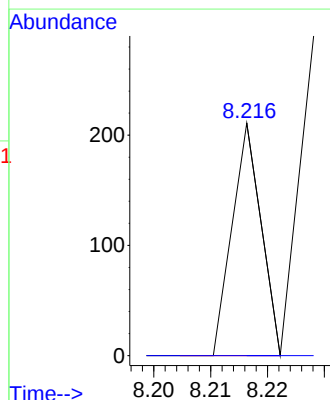
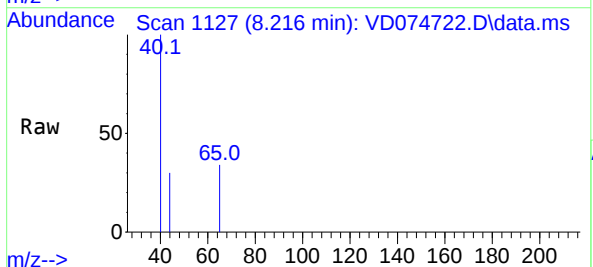
Instrument :
MSVOA_D
ClientSampleId :
371

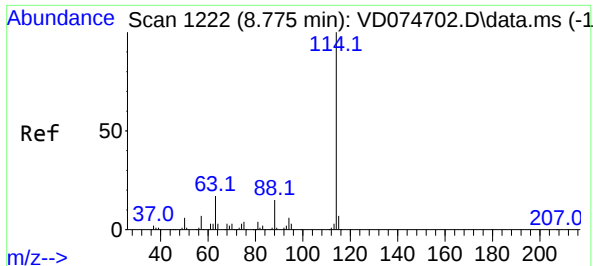
Tgt Ion:168 Resp: 459
Ion Ratio Lower Upper
168 100
99 0.0 40.9 61.3#



#33
1,2-Dichloroethane-d4
Concen: 20.356 ug/l
RT: 8.216 min Scan# 1127
Delta R.T. -0.012 min
Lab File: VD074722.D
Acq: 03 Nov 2022 18:23

Tgt Ion: 65 Resp: 74
Ion Ratio Lower Upper
65 100
67 0.0 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD074722.D

Acq: 03 Nov 2022 18:23

Instrument :

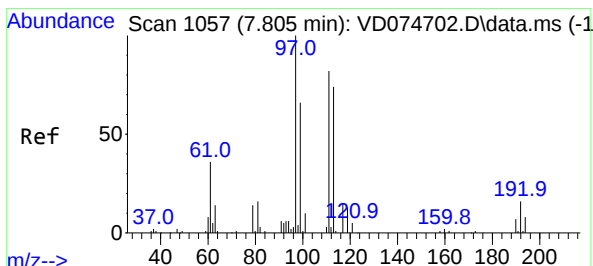
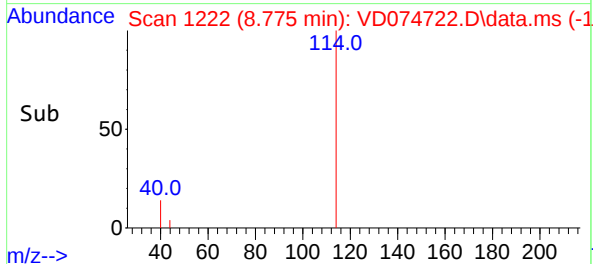
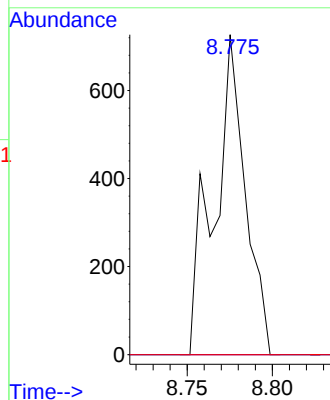
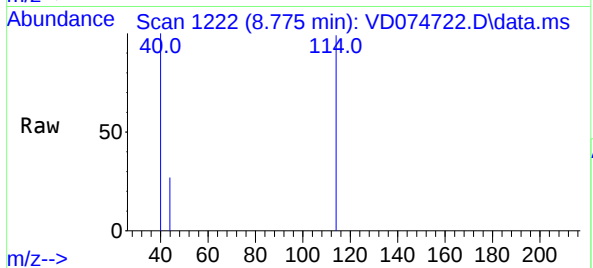
MSVOA_D

ClientSampleId :

371

Tgt Ion:114 Resp: 934

Ion	Ratio	Lower	Upper
114	100		
63	0.0	0.0	33.2
88	0.0	0.0	28.2



#35

Dibromofluoromethane

Concen: 36.199 ug/l

RT: 7.799 min Scan# 1056

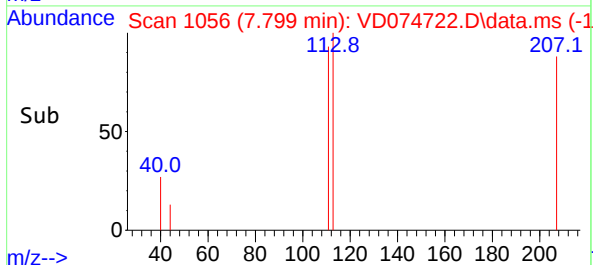
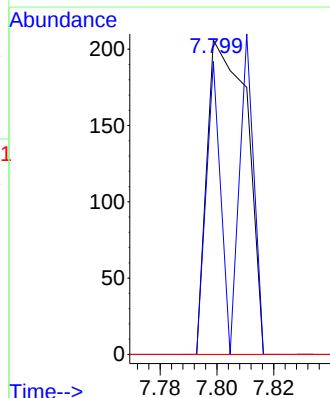
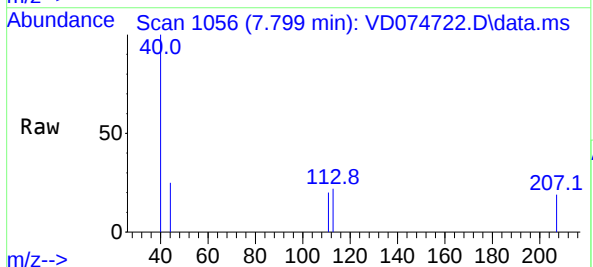
Delta R.T. -0.006 min

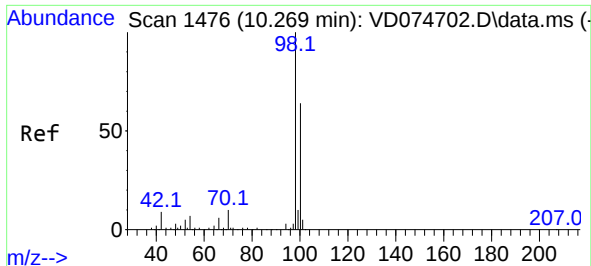
Lab File: VD074722.D

Acq: 03 Nov 2022 18:23

Tgt Ion:113 Resp: 200

Ion	Ratio	Lower	Upper
113	100		
111	71.0	82.3	123.5#
192	0.0	16.4	24.6#

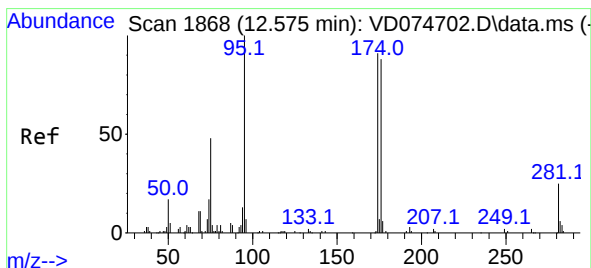
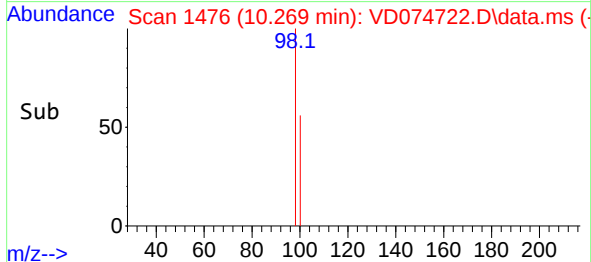
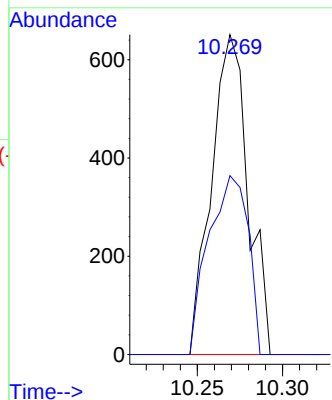
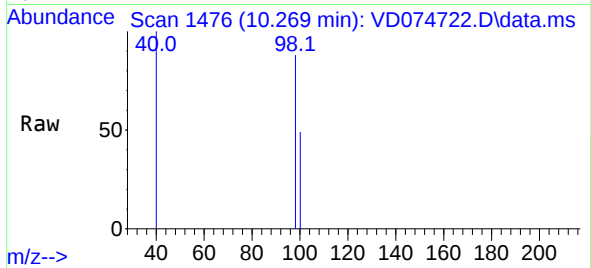




#50
Toluene-d8
Concen: 48.279 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074722.D
Acq: 03 Nov 2022 18:23

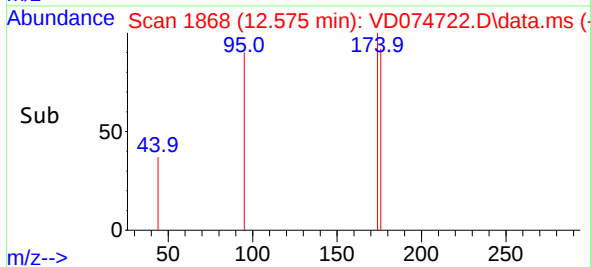
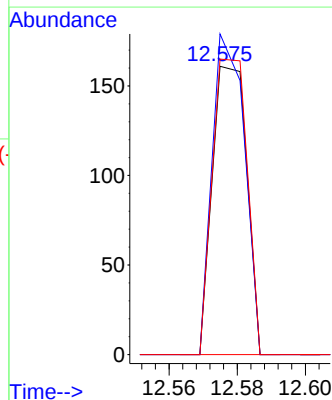
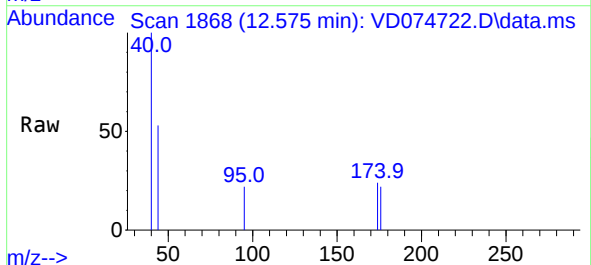
Instrument :
MSVOA_D
ClientSampleId :
371

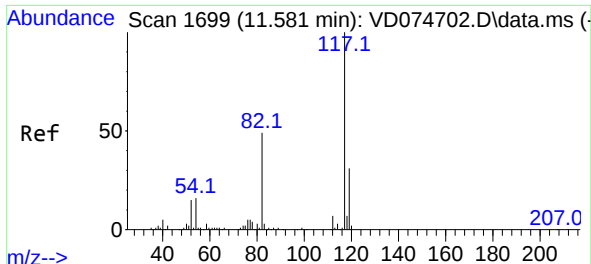
Tgt Ion: 98 Resp: 973
Ion Ratio Lower Upper
98 100
100 60.4 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 19.419 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074722.D
Acq: 03 Nov 2022 18:23

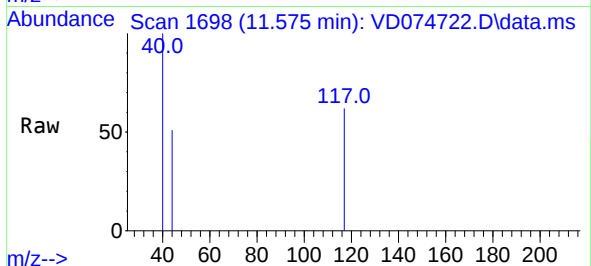
Tgt Ion: 95 Resp: 113
Ion Ratio Lower Upper
95 100
174 103.5 0.0 197.0
176 102.7 0.0 182.6



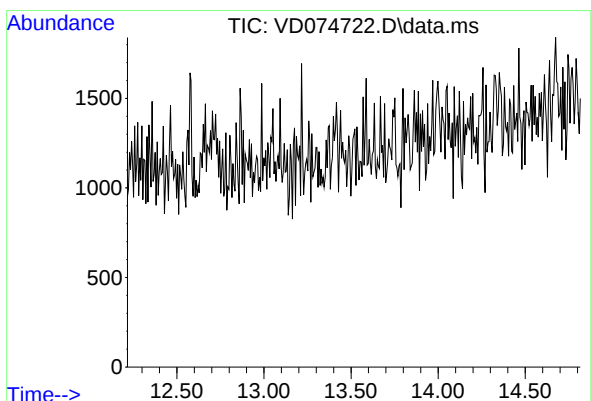
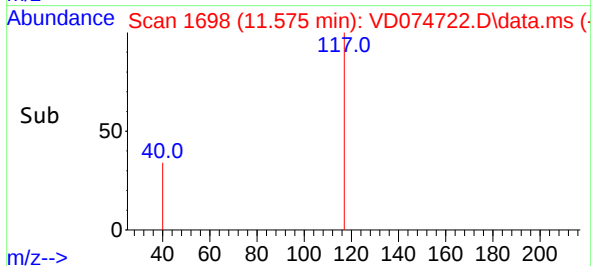
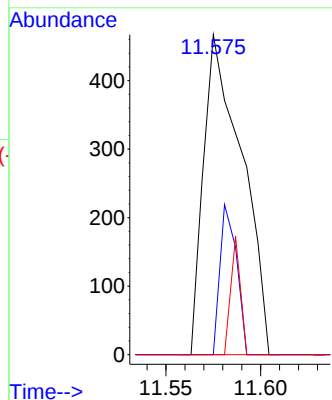


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.575 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD074722.D
Acq: 03 Nov 2022 18:23

Instrument :
MSVOA_D
ClientSampleId :
371



Tgt Ion:117 Resp: 655
Ion Ratio Lower Upper
117 100
82 0.0 41.6 62.4#
119 0.0 25.2 37.8#



#72
1,4-Dichlorobenzene-d4
Concen: 0.000 ug/l
Expected RT: 13.52 min

Lab File: VD074722.D
Acq: 03 Nov 2022 18:23

Tgt Ion: 152
Sig Exp Ratio
152 100
115 53.6
150 174.1

