

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122822\
 Data File : VD075070.D
 Acq On : 28 Dec 2022 17:15
 Operator : KP/SY
 Sample : N6218-05
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CHRT-26598

Quant Time: Dec 29 03:52:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D12222S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 23 05:54:19 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	2662	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	6401	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	6189	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	2462	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	2521	96.886	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	193.780%#
35) Dibromofluoromethane	7.804	113	2133	56.629	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.260%
50) Toluene-d8	10.269	98	8217	53.991	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.980%
62) 4-Bromofluorobenzene	12.581	95	2745	55.675	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	111.360%

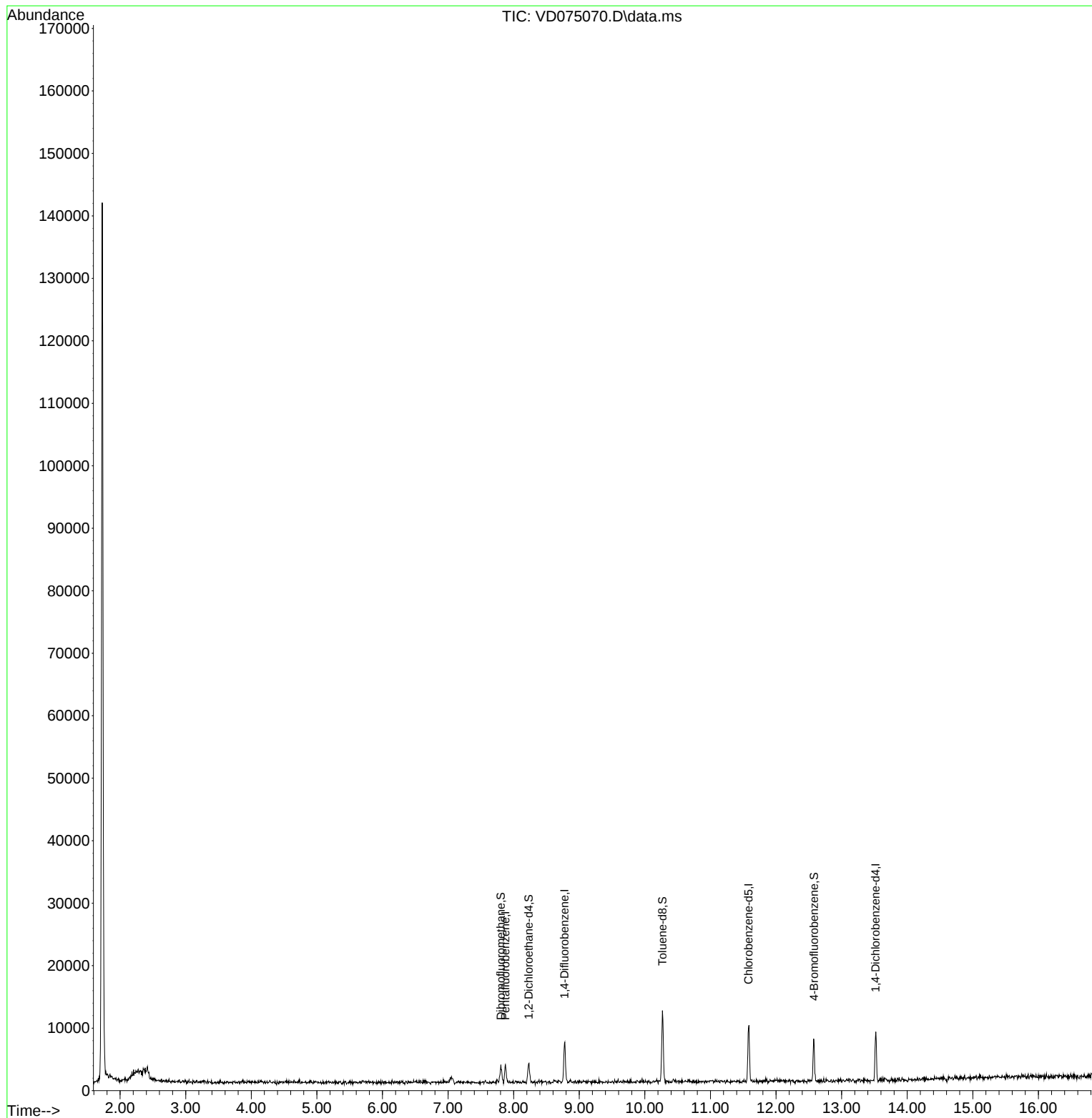
Target Compounds	Qvalue

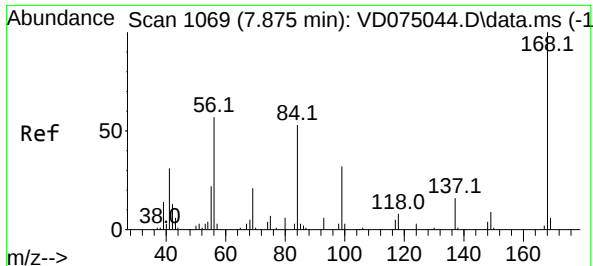
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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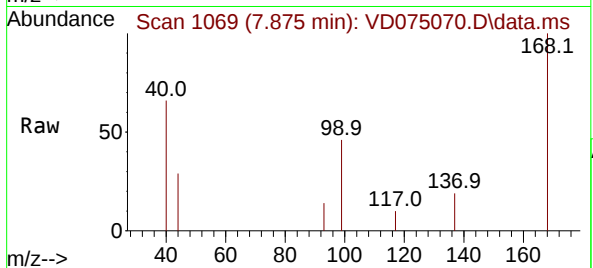
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Quant Title : SW846 8260
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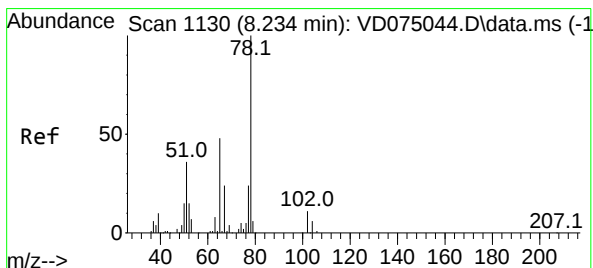
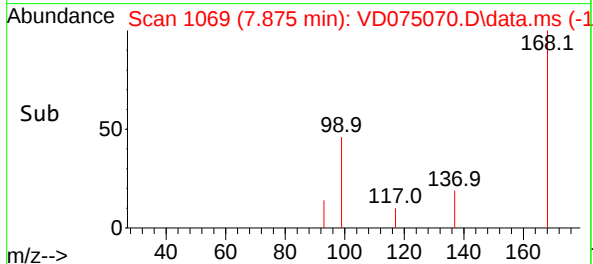
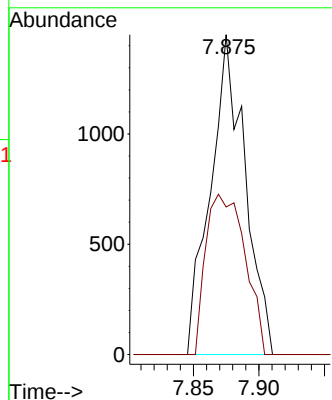


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VD075070.D
Acq: 28 Dec 2022 17:15

Instrument :
MSVOA_D
ClientSampleId :
CHRT-26598

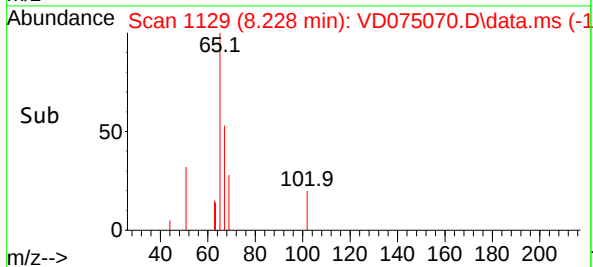
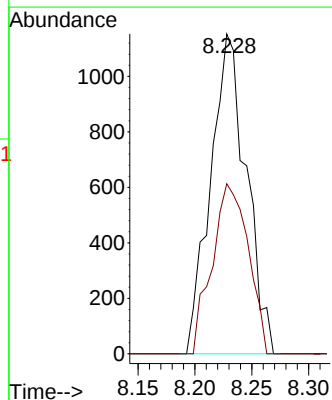
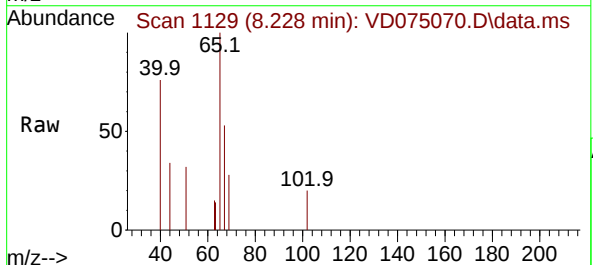


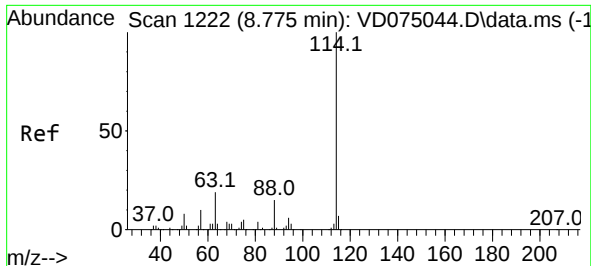
Tgt Ion:168 Resp: 2662
Ion Ratio Lower Upper
168 100
99 46.1 40.3 60.5



#33
1,2-Dichloroethane-d4
Concen: 96.886 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD075070.D
Acq: 28 Dec 2022 17:15

Tgt Ion: 65 Resp: 2521
Ion Ratio Lower Upper
65 100
67 54.0 0.0 111.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 114

Delta R.T. -0.000 min

Lab File: VD075070.D

Acq: 28 Dec 2022 17:15

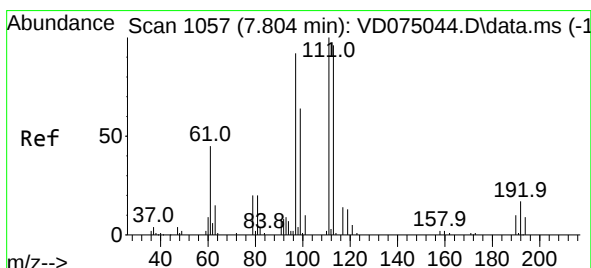
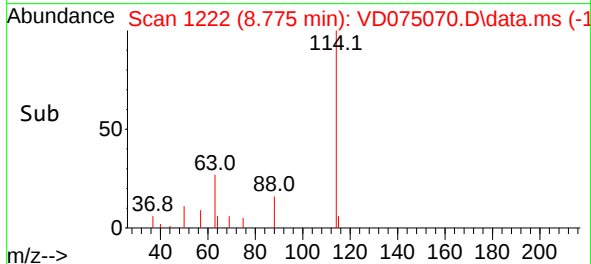
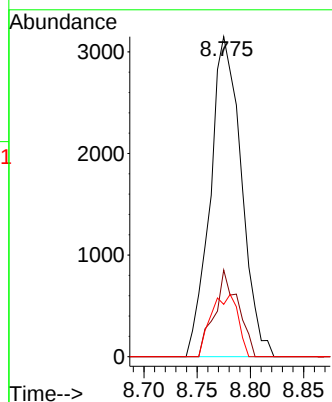
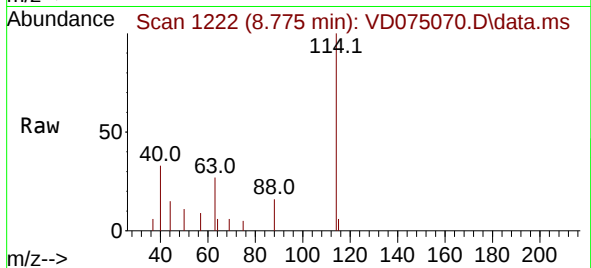
Instrument :

MSVOA_D

ClientSampleId :

CHRT-26598

Tgt Ion:114	Resp:	6401
Ion	Ratio	Lower Upper
114	100	
63	27.1	0.0 33.8
88	16.3	0.0 27.8



#35

Dibromofluoromethane

Concen: 56.629 ug/l

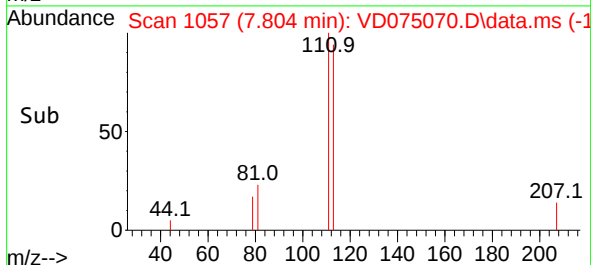
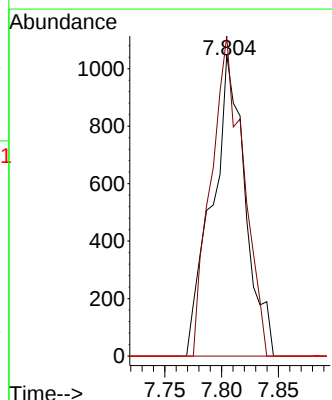
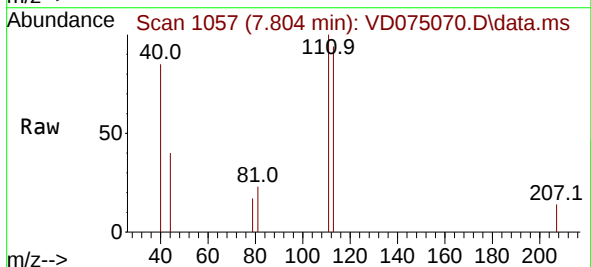
RT: 7.804 min Scan# 1057

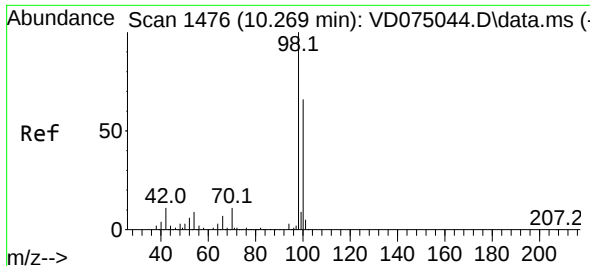
Delta R.T. -0.001 min

Lab File: VD075070.D

Acq: 28 Dec 2022 17:15

Tgt Ion:113	Resp:	2133
Ion	Ratio	Lower Upper
113	100	
111	103.6	82.1 123.1
192	0.0	15.1 22.7

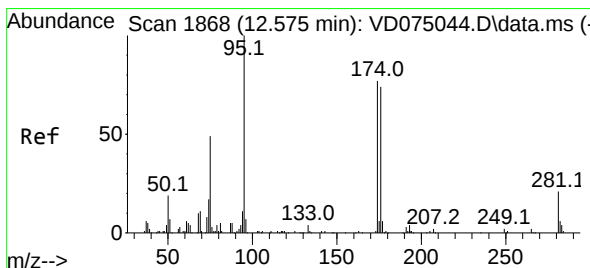
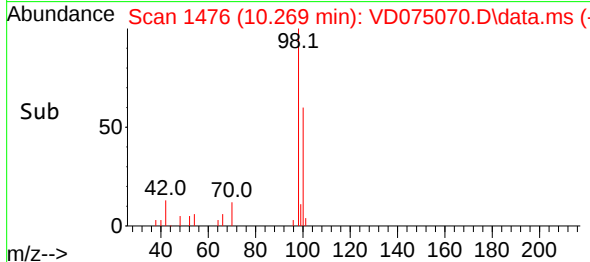
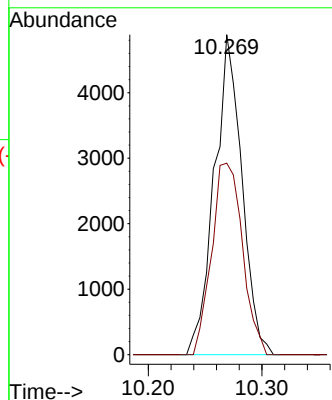
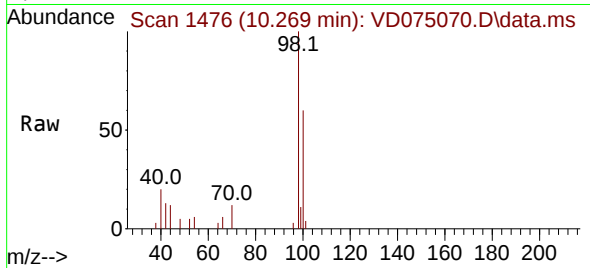




#50
Toluene-d8
Concen: 53.991 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075070.D
Acq: 28 Dec 2022 17:15

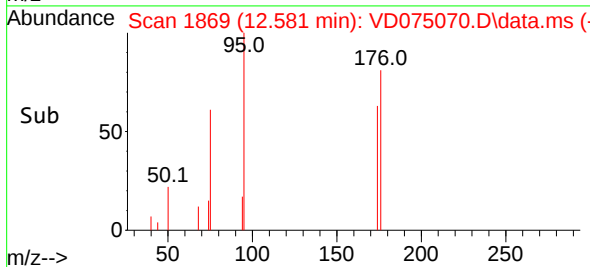
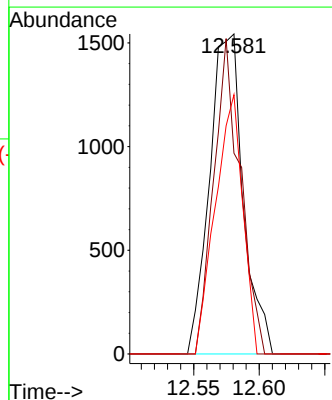
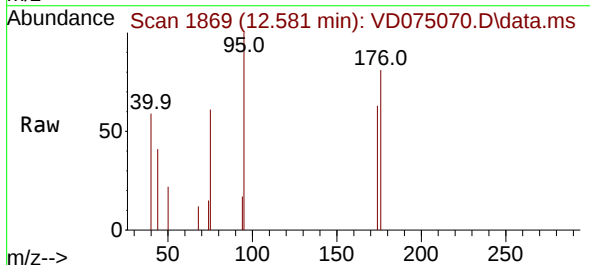
Instrument :
MSVOA_D
ClientSampleId :
CHRT-26598

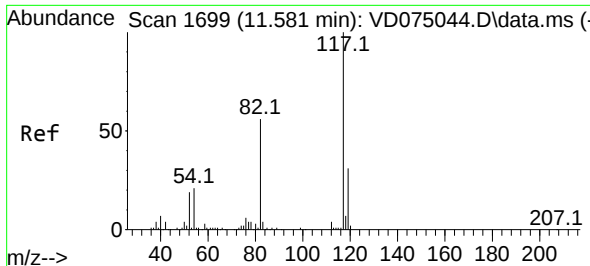
Tgt Ion: 98 Resp: 8217
Ion Ratio Lower Upper
98 100
100 66.9 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 55.675 ug/l
RT: 12.581 min Scan# 1869
Delta R.T. 0.006 min
Lab File: VD075070.D
Acq: 28 Dec 2022 17:15

Tgt Ion: 95 Resp: 2745
Ion Ratio Lower Upper
95 100
174 77.8 0.0 171.2
176 66.2 0.0 165.0

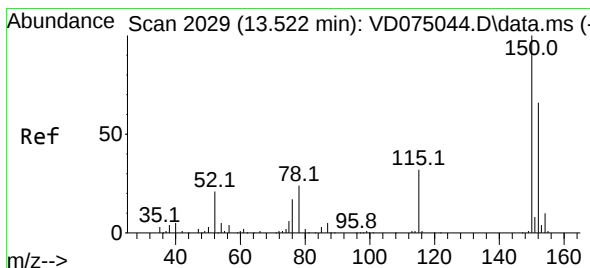
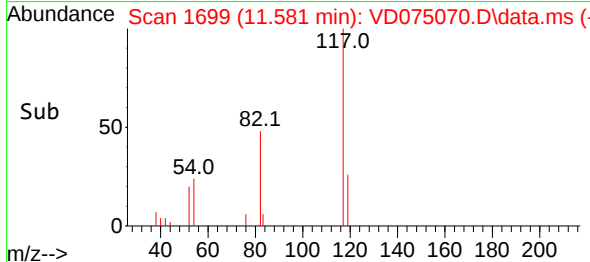
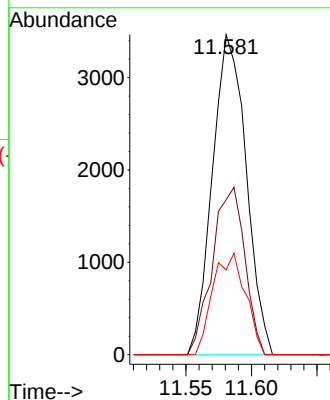
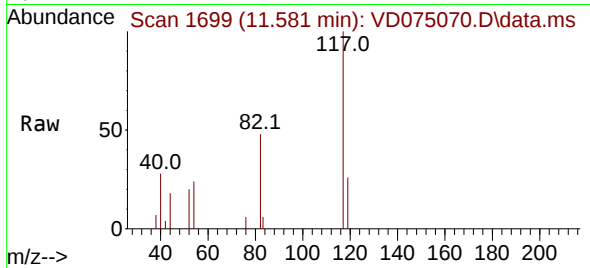




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075070.D
Acq: 28 Dec 2022 17:15

Instrument :
MSVOA_D
ClientSampleId :
CHRT-26598

Tgt Ion:117	Resp:	6189
Ion	Ratio	Lower Upper
117	100	
82	48.4	40.9 61.3
119	26.5	25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD075070.D
Acq: 28 Dec 2022 17:15

Tgt Ion:152	Resp:	2462
Ion	Ratio	Lower Upper
152	100	
115	63.6	28.8 86.5
150	162.3	0.0 354.2

