

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111022\
 Data File : VD074874.D
 Acq On : 10 Nov 2022 18:11
 Operator : VA/SY
 Sample : N5520-07RE
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 R20-3RE

Quant Time: Nov 11 07:19:05 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	7.875	168	5673	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	10214	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	8781	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	3439	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	4291	95.501	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 191.000%#	
35) Dibromofluoromethane	7.810	113	3583	59.302	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 118.600%	
50) Toluene-d8	10.269	98	7999	36.294	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 72.580%	
62) 4-Bromofluorobenzene	12.575	95	2610	41.015	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 82.040%	

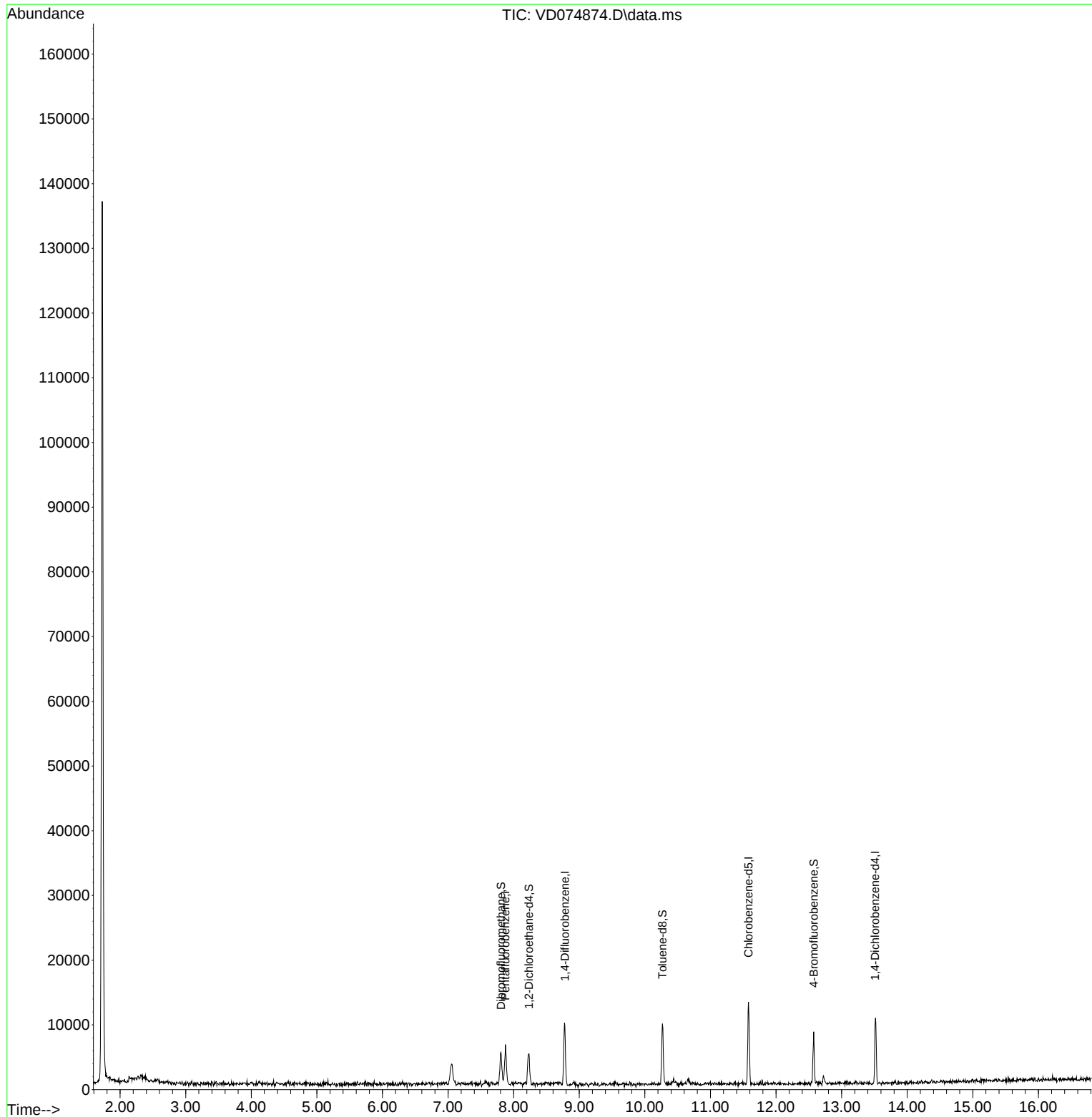
Target Compounds	Qvalue

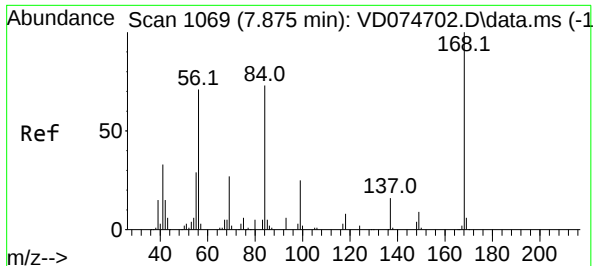
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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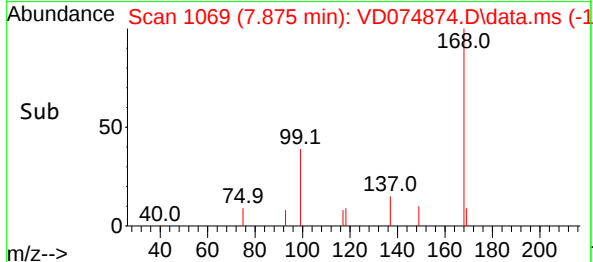
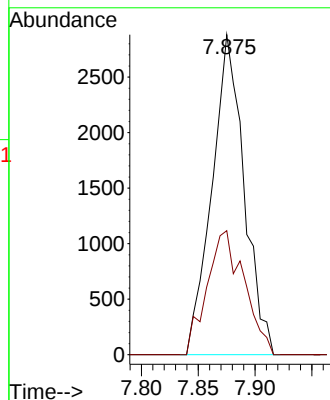
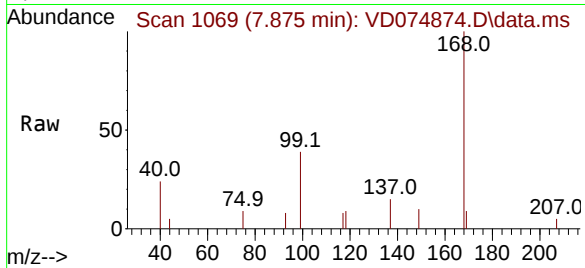




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD074874.D
Acq: 10 Nov 2022 18:11

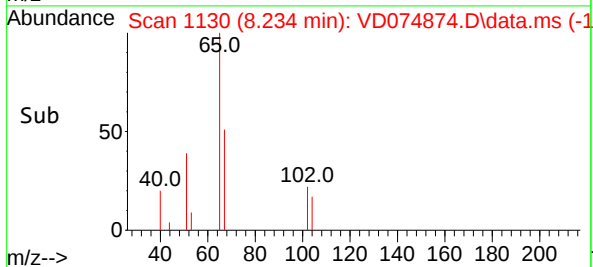
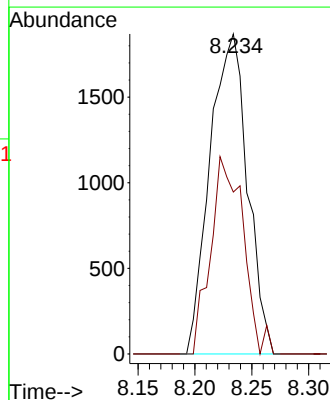
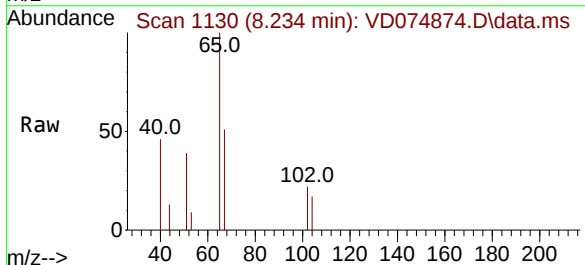
Instrument :
MSVOA_D
ClientSampleId :
R20-3RE

Tgt Ion:168 Resp: 5673
Ion Ratio Lower Upper
168 100
99 38.8 40.9 61.3#



#33
1,2-Dichloroethane-d4
Concen: 95.501 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD074874.D
Acq: 10 Nov 2022 18:11

Tgt Ion: 65 Resp: 4291
Ion Ratio Lower Upper
65 100
67 53.6 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD074874.D

Acq: 10 Nov 2022 18:11

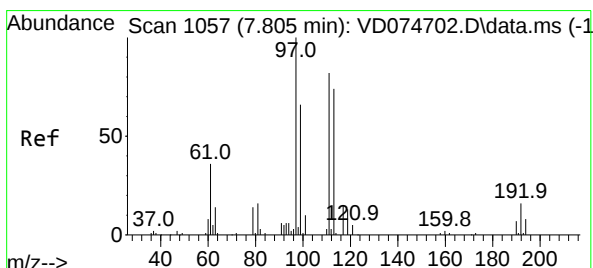
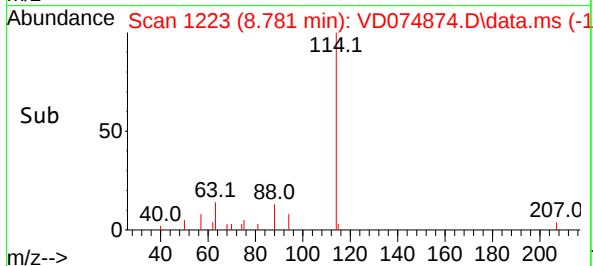
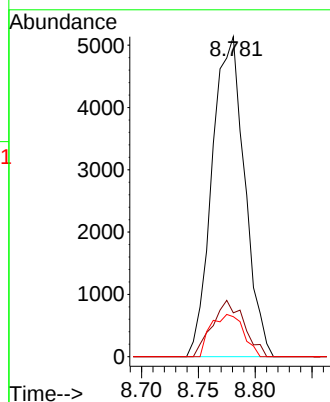
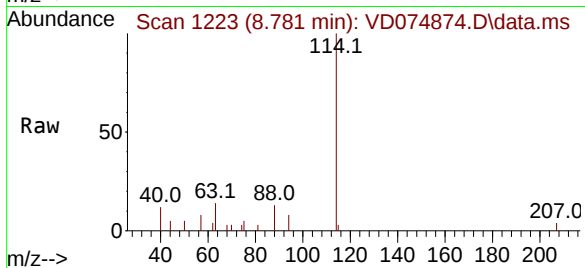
Instrument :

MSVOA_D

ClientSampleId :

R20-3RE

Tgt Ion:114	Resp:	10214
Ion	Ratio	Lower Upper
114	100	
63	13.7	0.0 33.2
88	12.5	0.0 28.2



#35

Dibromofluoromethane

Concen: 59.302 ug/l

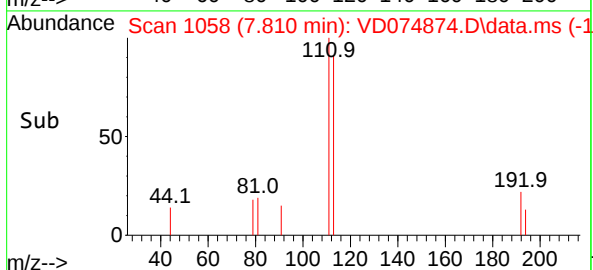
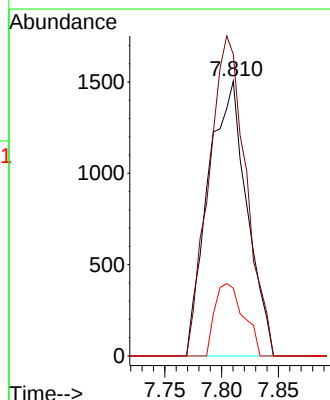
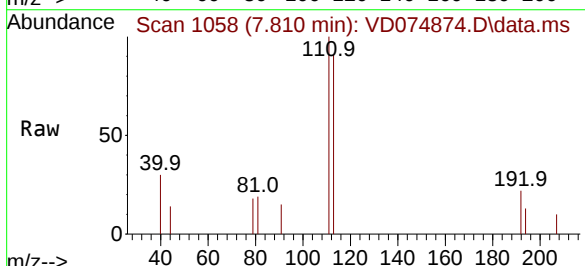
RT: 7.810 min Scan# 1058

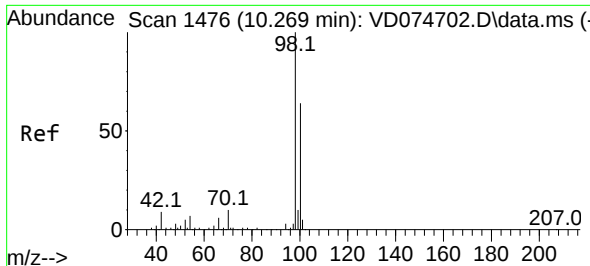
Delta R.T. 0.005 min

Lab File: VD074874.D

Acq: 10 Nov 2022 18:11

Tgt Ion:113	Resp:	3583
Ion	Ratio	Lower Upper
113	100	
111	111.2	82.3 123.5
192	19.4	16.4 24.6

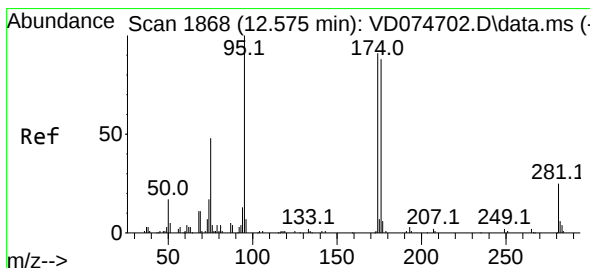
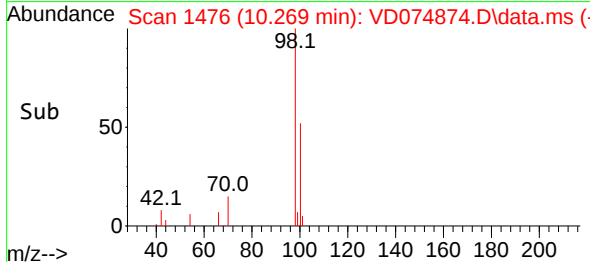
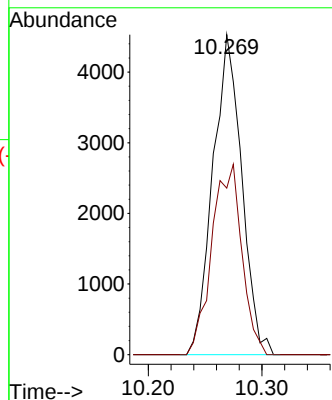
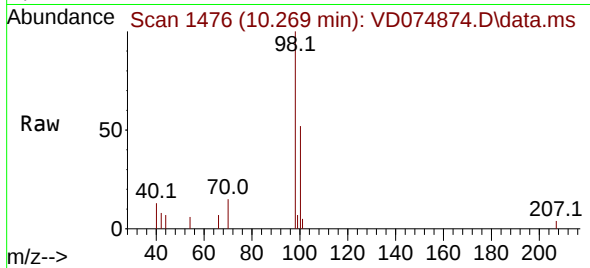




#50
Toluene-d8
Concen: 36.294 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD074874.D
Acq: 10 Nov 2022 18:11

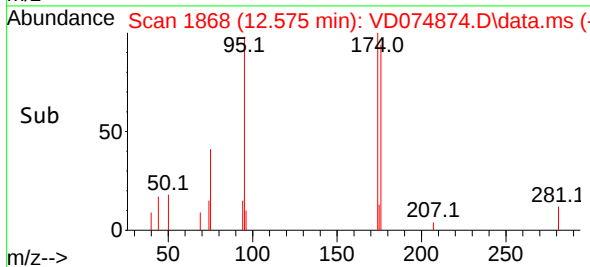
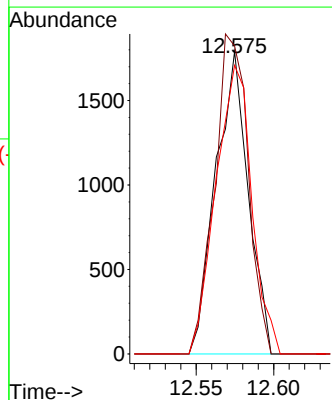
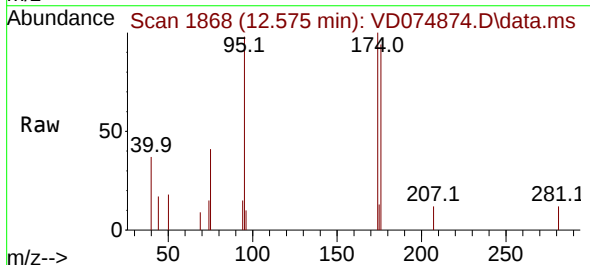
Instrument :
MSVOA_D
ClientSampleId :
R20-3RE

Tgt Ion: 98 Resp: 7999
Ion Ratio Lower Upper
98 100
100 61.8 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 41.015 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074874.D
Acq: 10 Nov 2022 18:11

Tgt Ion: 95 Resp: 2610
Ion Ratio Lower Upper
95 100
174 109.4 0.0 197.0
176 105.6 0.0 182.6

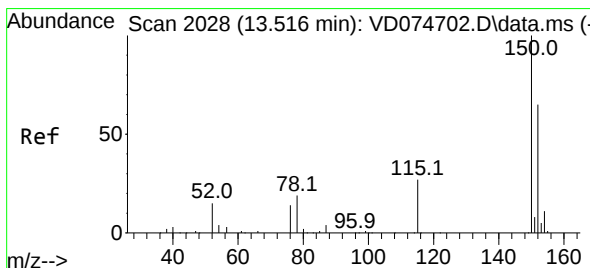
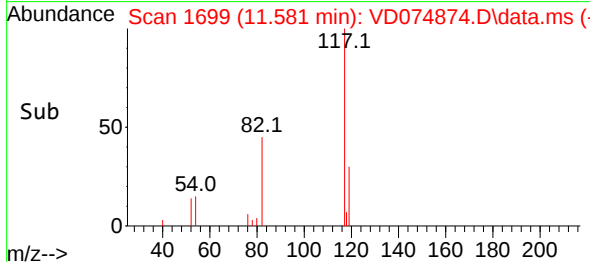
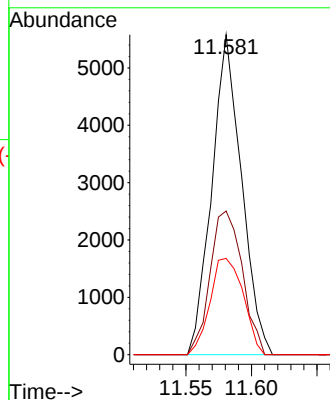
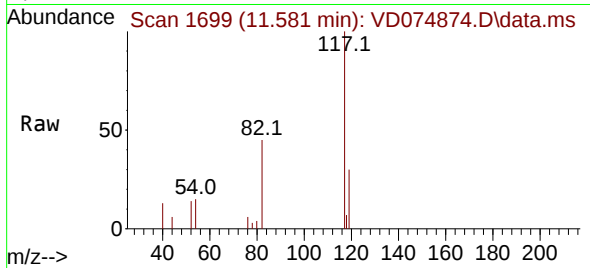




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD074874.D
Acq: 10 Nov 2022 18:11

Instrument :
MSVOA_D
ClientSampleId :
R20-3RE

Tgt Ion	Ratio	Lower	Upper
117	100		
82	44.9	41.6	62.4
119	30.1	25.2	37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.510 min Scan# 2027
Delta R.T. -0.006 min
Lab File: VD074874.D
Acq: 10 Nov 2022 18:11

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.9	26.8	80.4
150	159.0	0.0	348.2

