

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101322\
 Data File : VD074535.D
 Acq On : 13 Oct 2022 18:23
 Operator : VA/SY
 Sample : N5142-10
 Misc : 6.92G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-9

Quant Time: Oct 14 01:32:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101122S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 12 13:14:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	8598	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	16435	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	17856	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	7319	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	8351	112.840	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	225.680%#
35) Dibromofluoromethane	7.805	113	7448	76.704	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	153.400%#
50) Toluene-d8	10.269	98	22638	59.818	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	119.640%
62) 4-Bromofluorobenzene	12.575	95	6835	60.271	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	120.540%

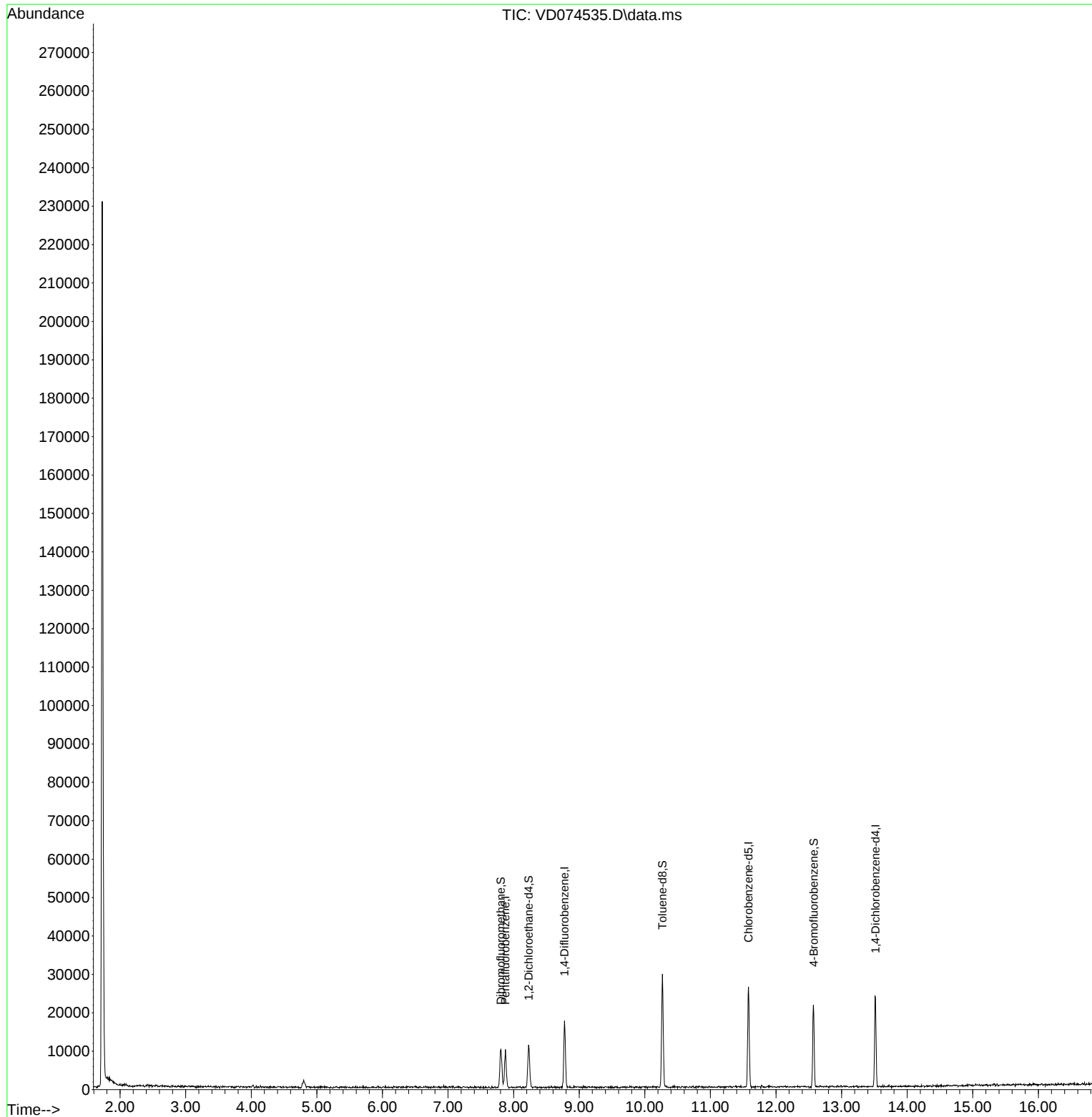
Target Compounds	Qvalue

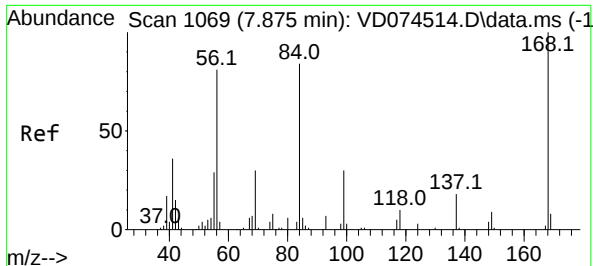
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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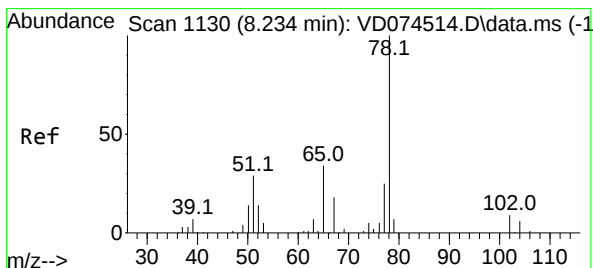
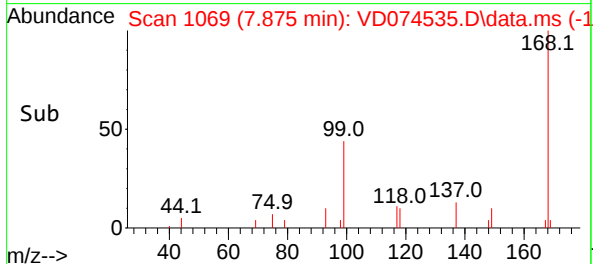
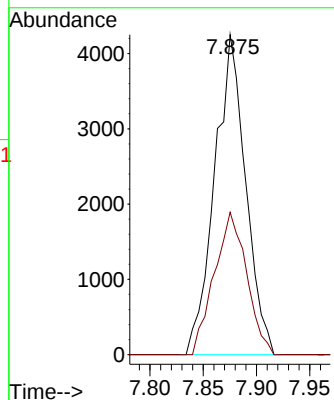
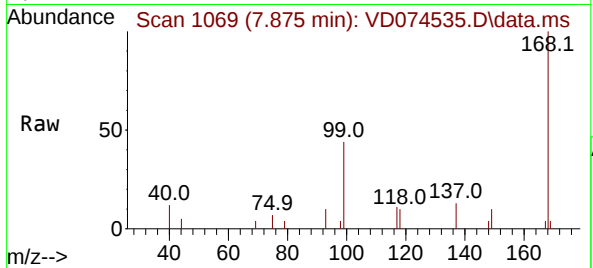




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD074535.D
Acq: 13 Oct 2022 18:23

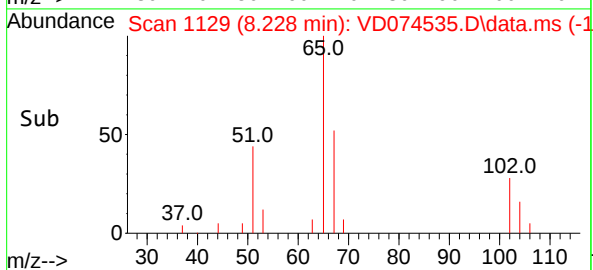
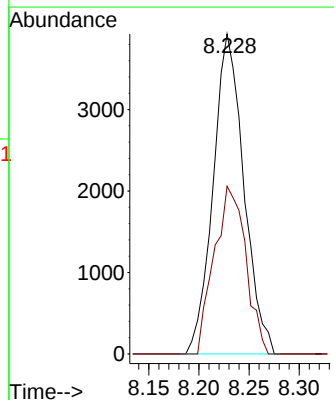
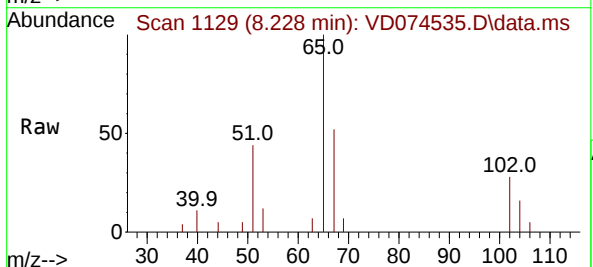
Instrument :
MSVOA_D
ClientSampleId :
WC-9

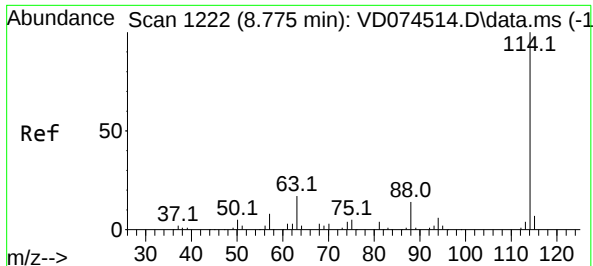
Tgt Ion:168 Resp: 8598
Ion Ratio Lower Upper
168 100
99 44.5 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 112.840 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD074535.D
Acq: 13 Oct 2022 18:23

Tgt Ion: 65 Resp: 8351
Ion Ratio Lower Upper
65 100
67 53.7 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD074535.D

Acq: 13 Oct 2022 18:23

Instrument :

MSVOA_D

ClientSampleId :

WC-9

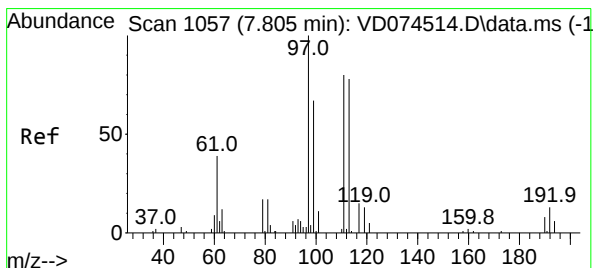
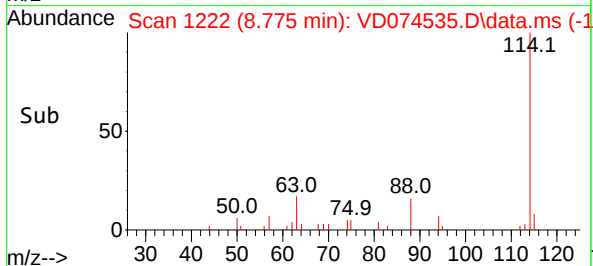
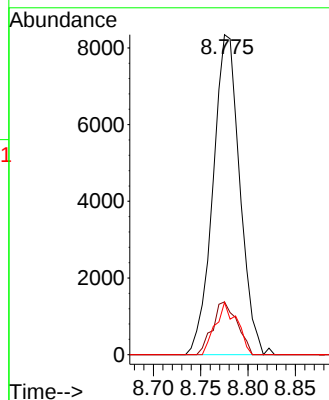
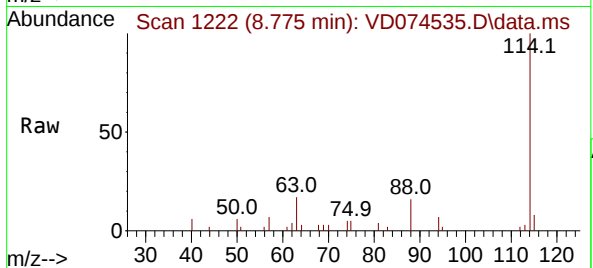
Tgt Ion:114 Resp: 16435

Ion Ratio Lower Upper

114 100

63 16.5 0.0 33.2

88 16.3 0.0 28.2



#35

Dibromofluoromethane

Concen: 76.704 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.001 min

Lab File: VD074535.D

Acq: 13 Oct 2022 18:23

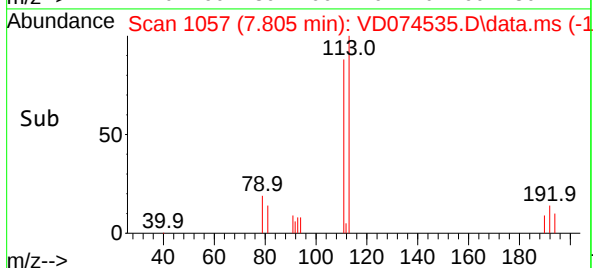
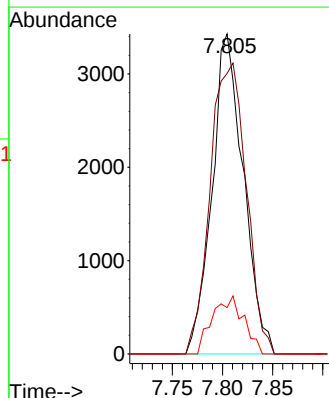
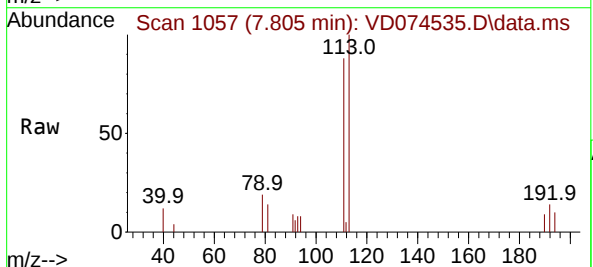
Tgt Ion:113 Resp: 7448

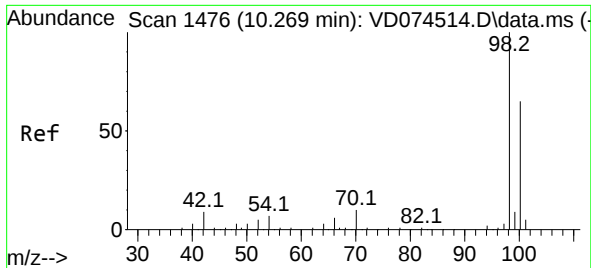
Ion Ratio Lower Upper

113 100

111 104.6 82.3 123.5

192 18.1 16.4 24.6

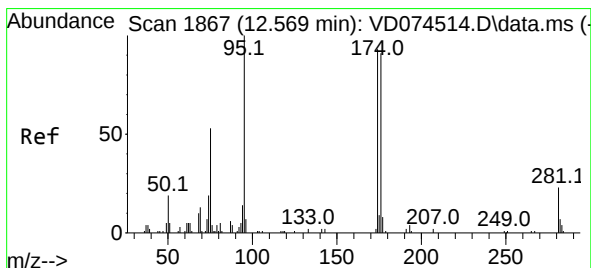
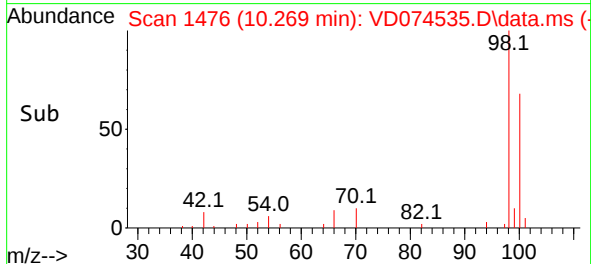
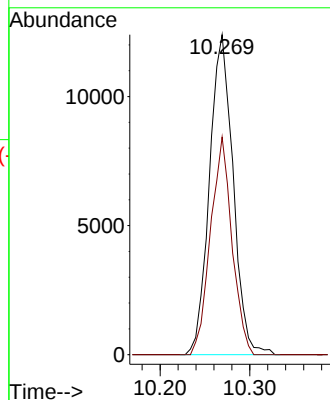
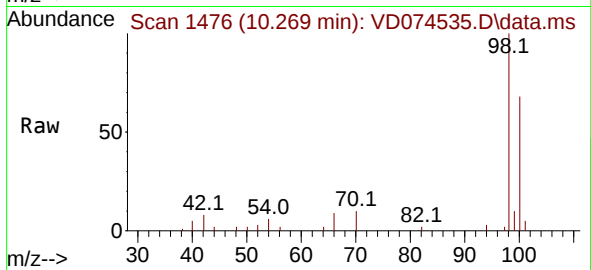




#50
Toluene-d8
Concen: 59.818 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074535.D
Acq: 13 Oct 2022 18:23

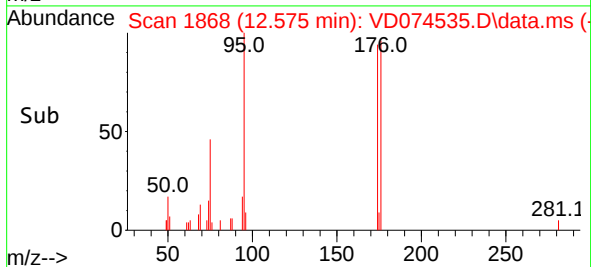
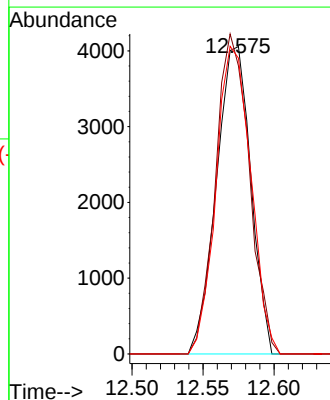
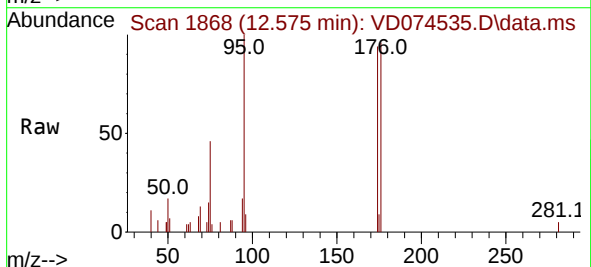
Instrument :
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ClientSampleId :
WC-9

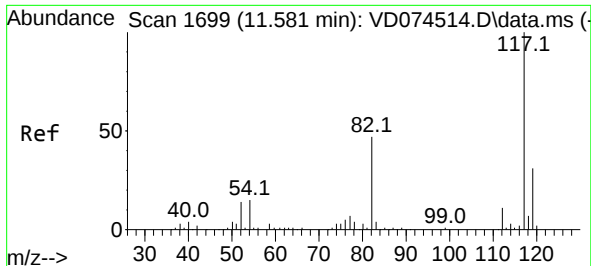
Tgt Ion: 98 Resp: 22638
Ion Ratio Lower Upper
98 100
100 61.9 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 60.271 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD074535.D
Acq: 13 Oct 2022 18:23

Tgt Ion: 95 Resp: 6835
Ion Ratio Lower Upper
95 100
174 102.3 0.0 197.0
176 100.9 0.0 182.6

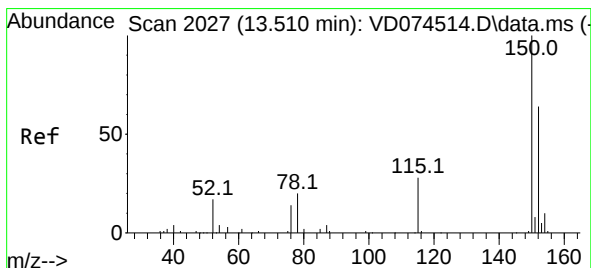
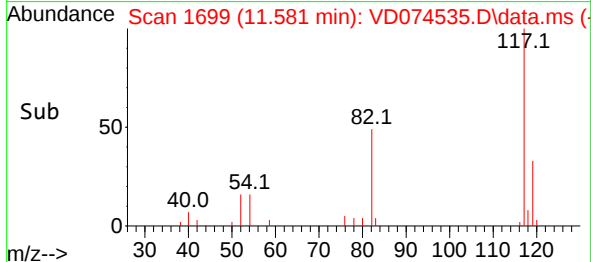
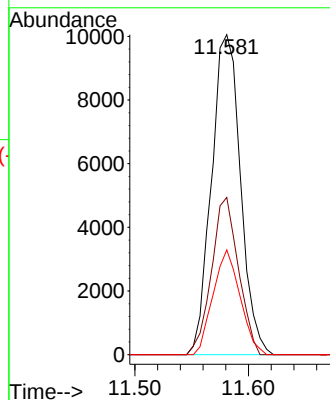
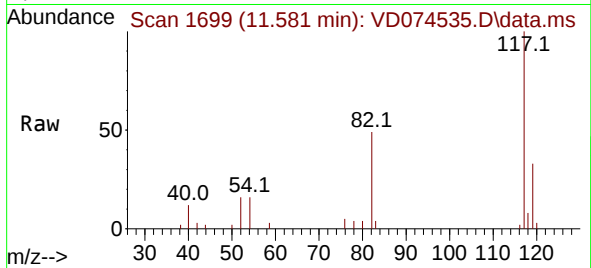




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD074535.D
Acq: 13 Oct 2022 18:23

Instrument :
MSVOA_D
ClientSampleId :
WC-9

Tgt Ion:117 Resp: 17856
Ion Ratio Lower Upper
117 100
82 49.1 41.6 62.4
119 32.8 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD074535.D
Acq: 13 Oct 2022 18:23

Tgt Ion:152 Resp: 7319
Ion Ratio Lower Upper
152 100
115 59.1 26.8 80.4
150 159.3 0.0 348.2

