

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102022\
 Data File : VD074596.D
 Acq On : 20 Oct 2022 14:34
 Operator : VA/SY
 Sample : N5142-10
 Misc : 6.76G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-9

Quant Time: Oct 20 14:57:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 20 06:41:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	102240	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	178637	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	131278	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	41484	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	48517	62.155	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.300%
35) Dibromofluoromethane	7.804	113	62836	63.793	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	127.580%
50) Toluene-d8	10.269	98	206236	57.681	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	115.360%
62) 4-Bromofluorobenzene	12.575	95	47140	45.661	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.320%

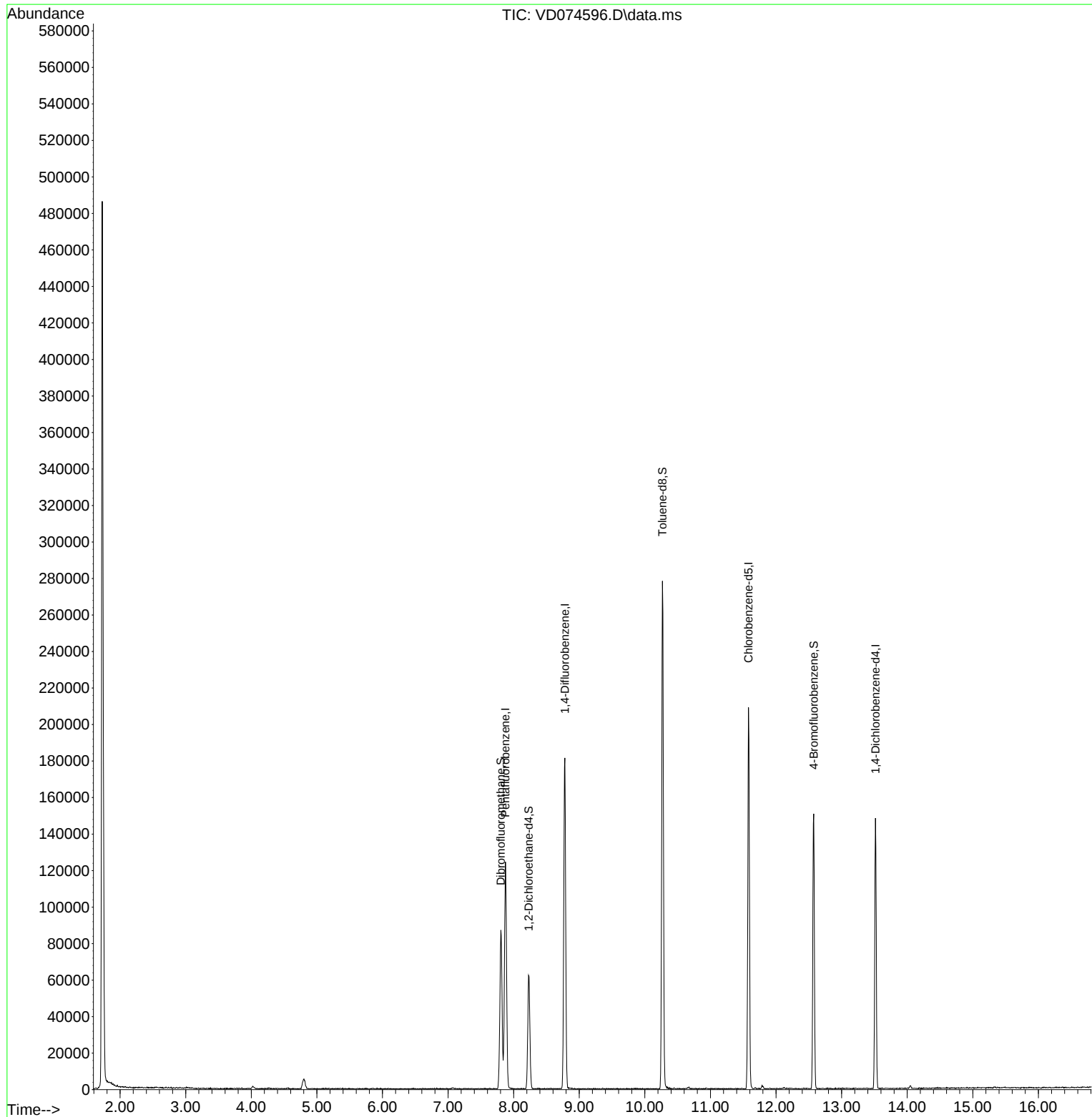
Target Compounds	Qvalue

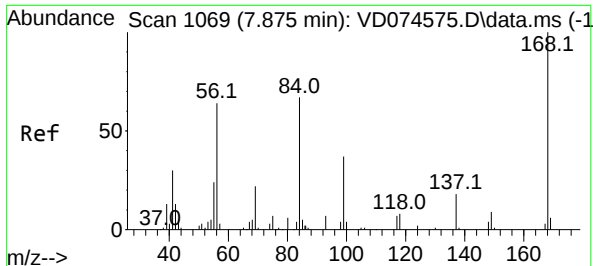
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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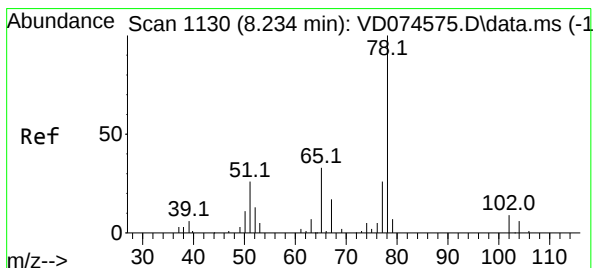
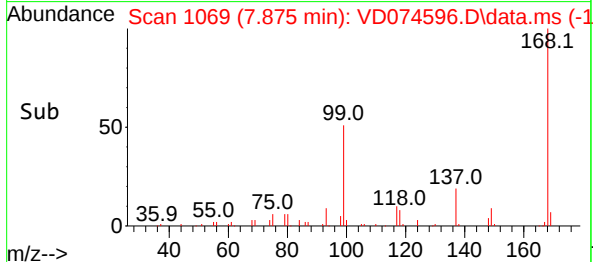
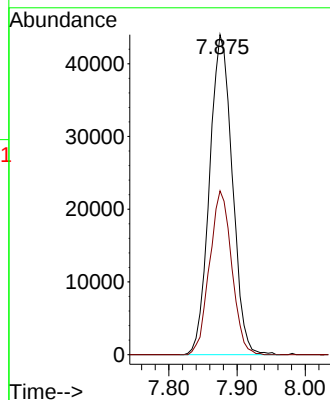
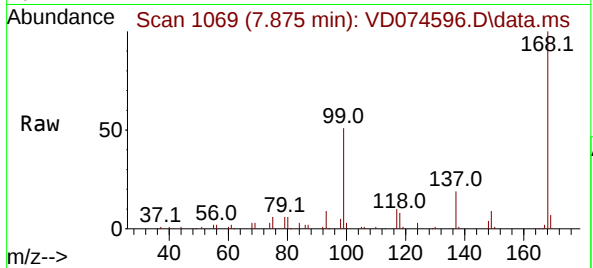




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD074596.D
Acq: 20 Oct 2022 14:34

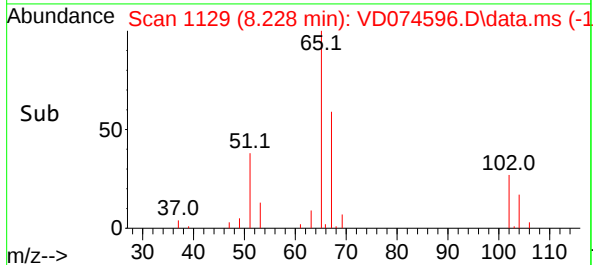
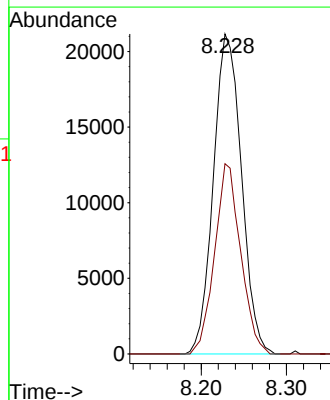
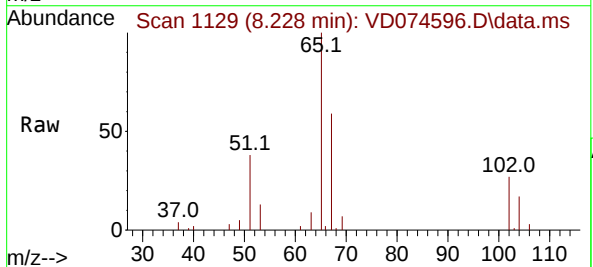
Instrument :
MSVOA_D
ClientSampleId :
WC-9

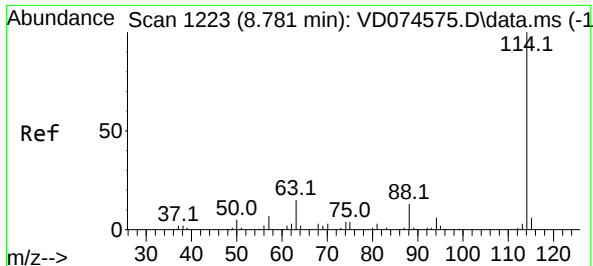
Tgt Ion:168 Resp: 102240
Ion Ratio Lower Upper
168 100
99 51.2 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 62.155 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD074596.D
Acq: 20 Oct 2022 14:34

Tgt Ion: 65 Resp: 48517
Ion Ratio Lower Upper
65 100
67 55.1 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD074596.D

Acq: 20 Oct 2022 14:34

Instrument :

MSVOA_D

ClientSampleId :

WC-9

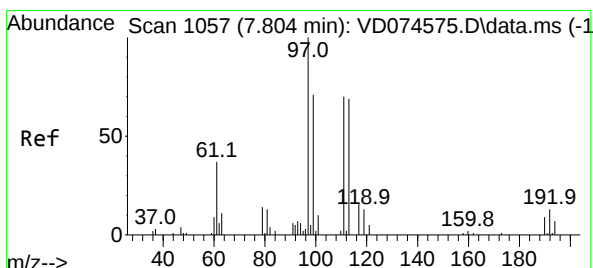
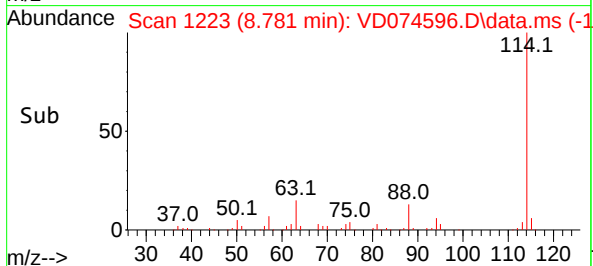
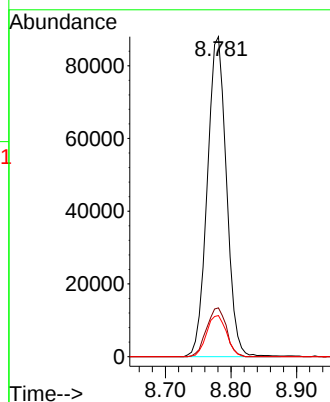
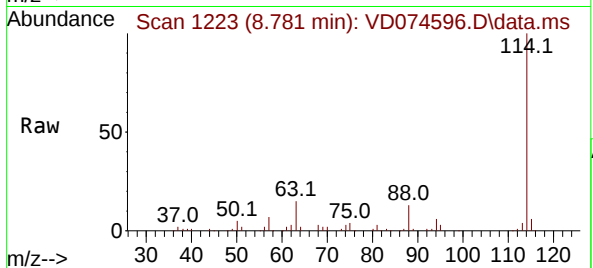
Tgt Ion:114 Resp: 178637

Ion Ratio Lower Upper

114 100

63 15.2 0.0 33.2

88 12.8 0.0 28.2



#35

Dibromofluoromethane

Concen: 63.793 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD074596.D

Acq: 20 Oct 2022 14:34

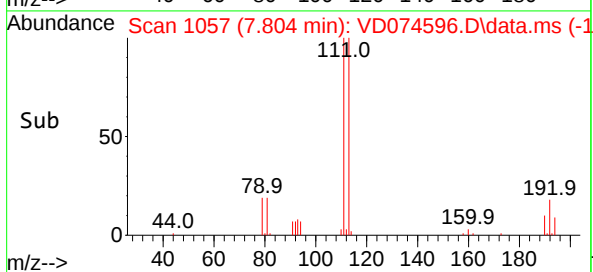
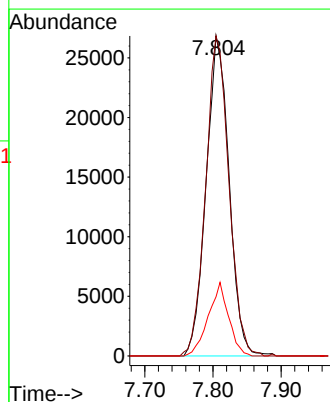
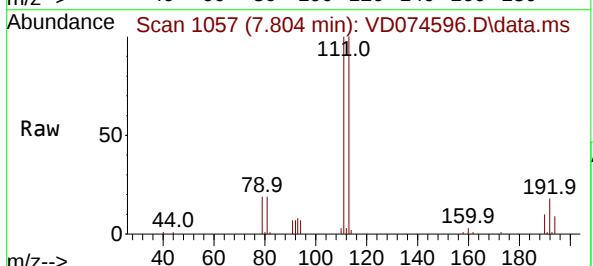
Tgt Ion:113 Resp: 62836

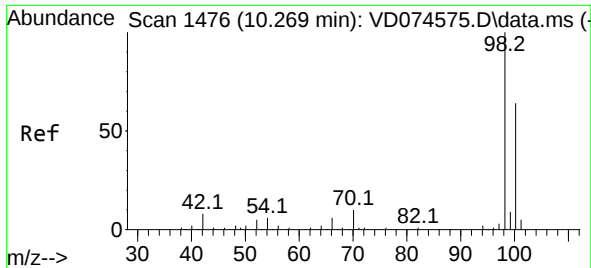
Ion Ratio Lower Upper

113 100

111 101.3 82.3 123.5

192 20.4 16.4 24.6

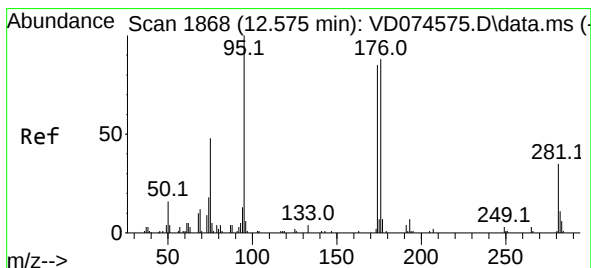
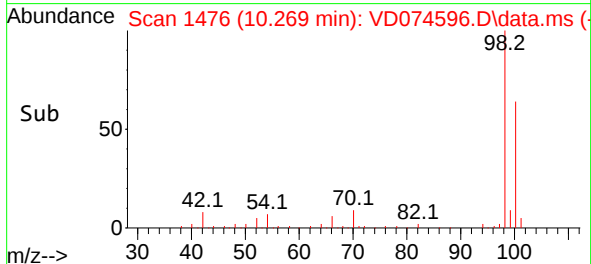
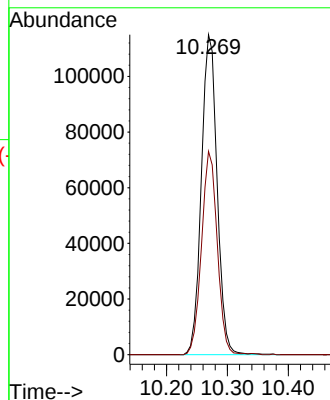
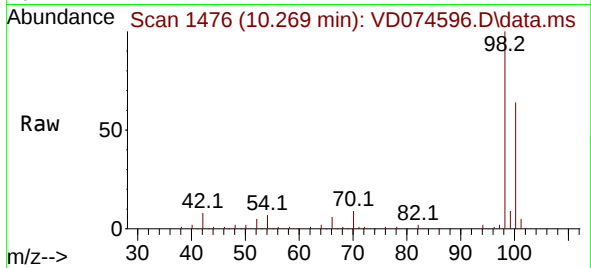




#50
Toluene-d8
Concen: 57.681 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD074596.D
Acq: 20 Oct 2022 14:34

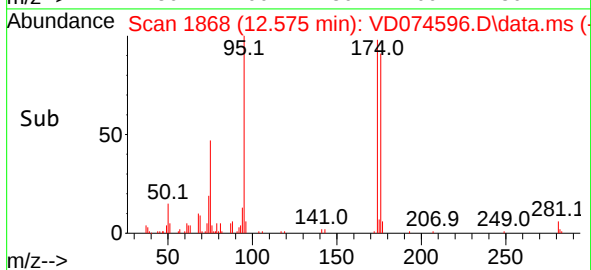
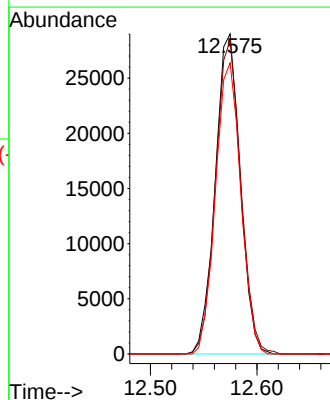
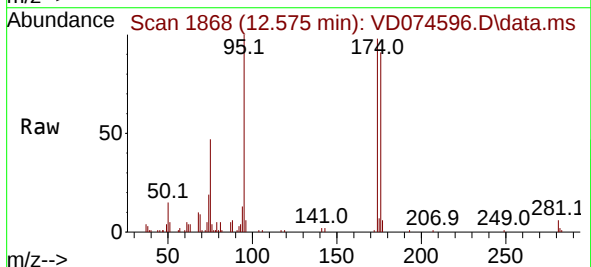
Instrument :
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WC-9

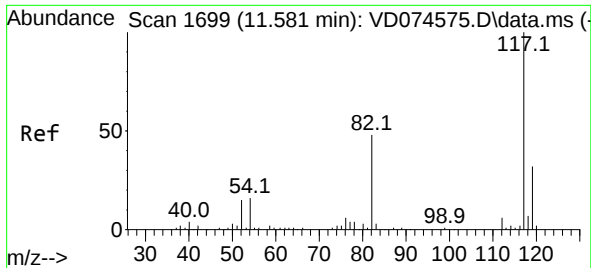
Tgt Ion: 98 Resp: 206236
Ion Ratio Lower Upper
98 100
100 63.6 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 45.661 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD074596.D
Acq: 20 Oct 2022 14:34

Tgt Ion: 95 Resp: 47140
Ion Ratio Lower Upper
95 100
174 99.5 0.0 197.0
176 92.2 0.0 182.6

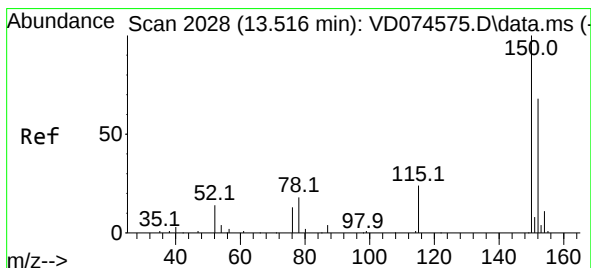
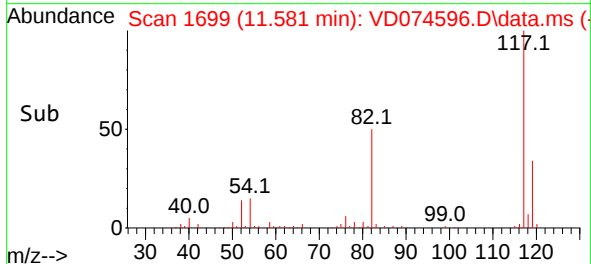
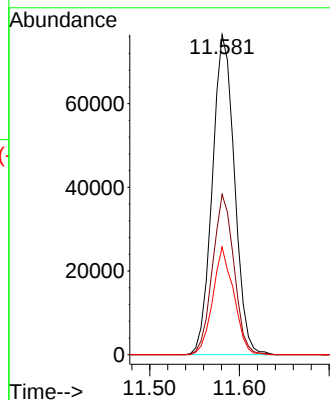
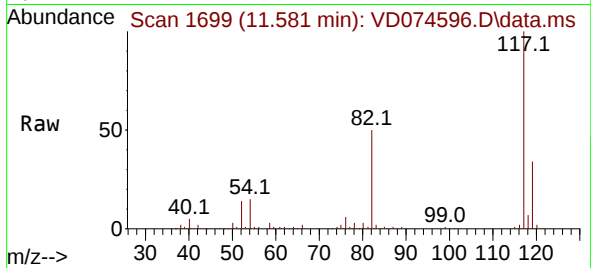




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD074596.D
Acq: 20 Oct 2022 14:34

Instrument :
MSVOA_D
ClientSampleId :
WC-9

Tgt Ion:117 Resp: 131278
Ion Ratio Lower Upper
117 100
82 50.1 41.6 62.4
119 33.6 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: VD074596.D
Acq: 20 Oct 2022 14:34

Tgt Ion:152 Resp: 41484
Ion Ratio Lower Upper
152 100
115 56.2 26.8 80.4
150 161.7 0.0 348.2

