

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102522\
 Data File : VD074629.D
 Acq On : 25 Oct 2022 13:33
 Operator : VA/SY
 Sample : N5218-01RE
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1RE

Quant Time: Oct 27 01:21:23 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	7.869	168	211	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	577	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	623	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	66	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	74	45.936	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.880%
35) Dibromofluoromethane	7.804	113	67	20.304	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	40.600%#
50) Toluene-d8	10.269	98	613	53.079	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.160%
62) 4-Bromofluorobenzene	12.575	95	173	52.154	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.300%

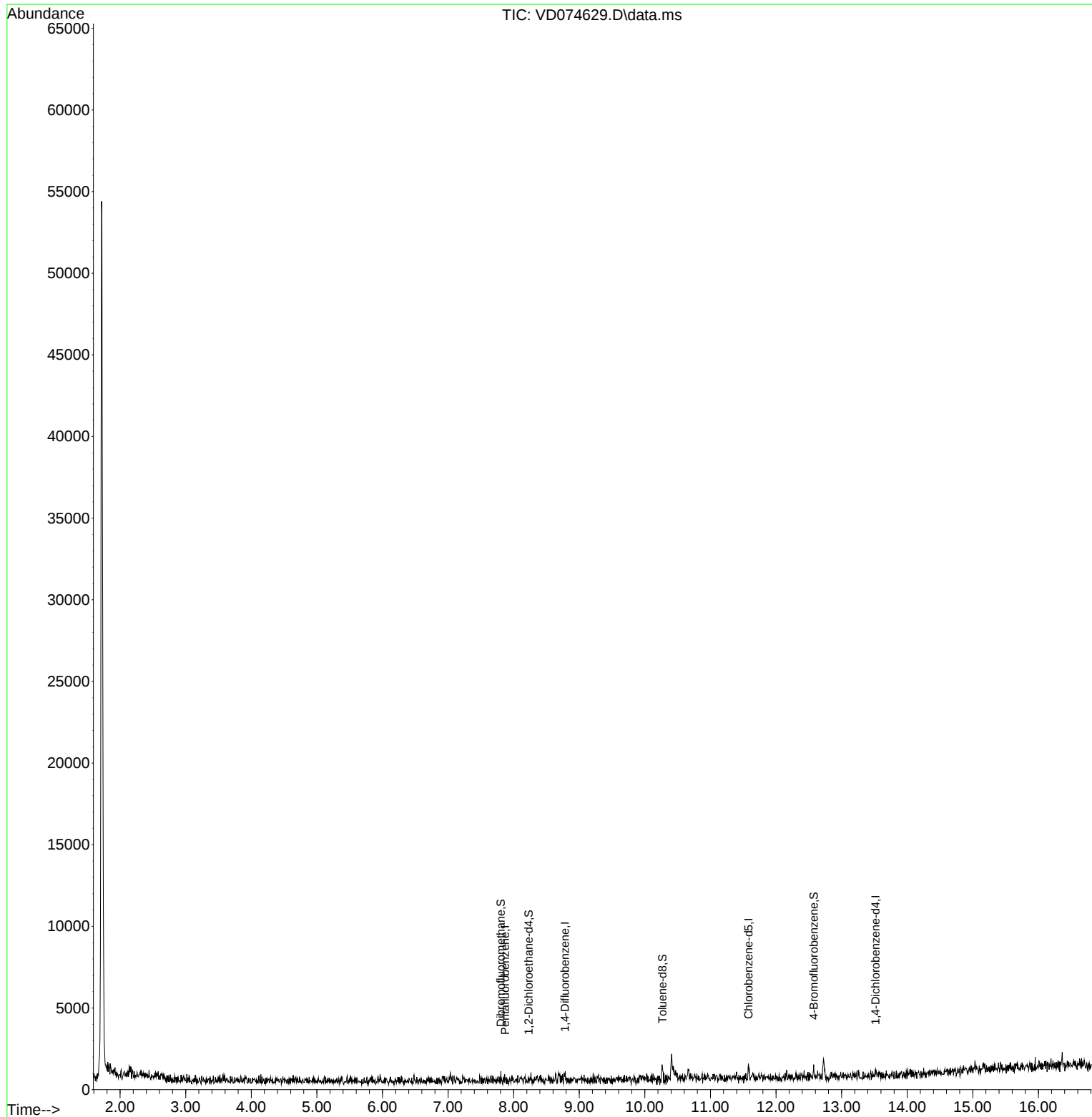
Target Compounds	Qvalue

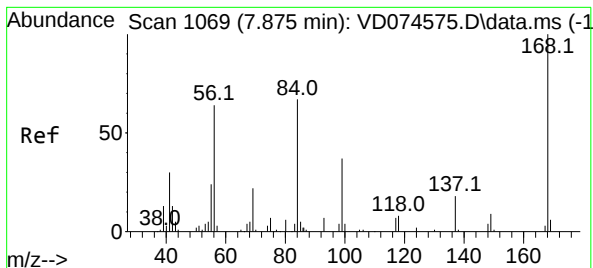
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.869 min Scan# 1109

Delta R.T. -0.006 min

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Acq: 25 Oct 2022 13:33

Instrument :

MSVOA_D

ClientSampleId :

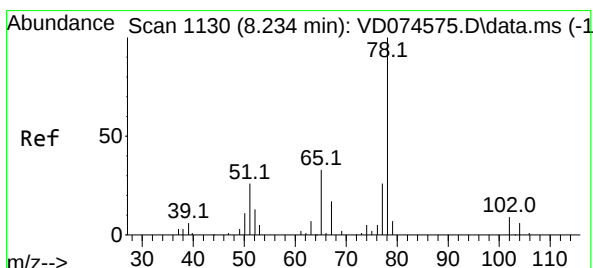
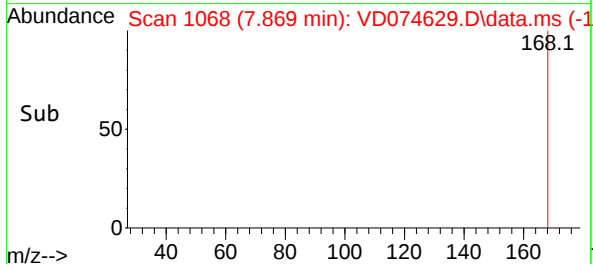
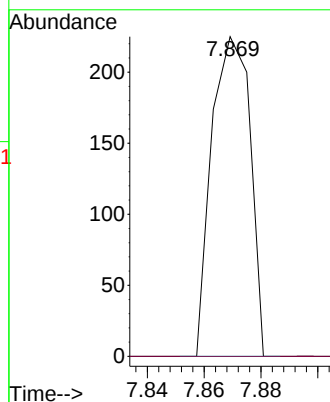
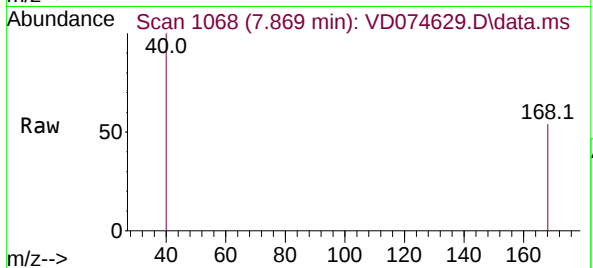
SP-1RE

Tgt Ion:168 Resp: 211

Ion Ratio Lower Upper

168 100

99 0.0 40.9 61.3#



#33

1,2-Dichloroethane-d4

Concen: 45.936 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD074629.D

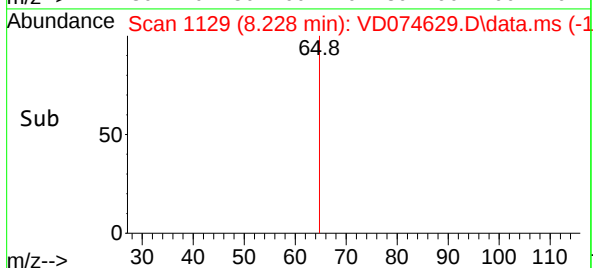
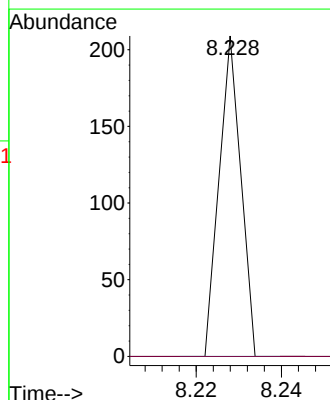
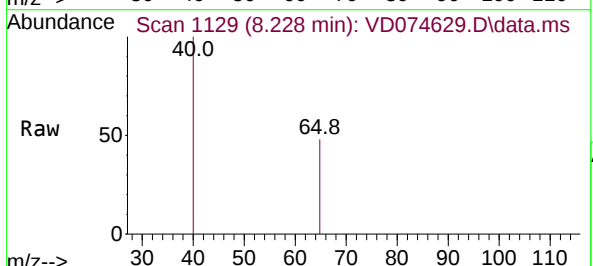
Acq: 25 Oct 2022 13:33

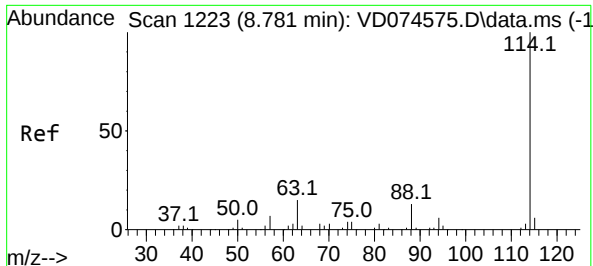
Tgt Ion: 65 Resp: 74

Ion Ratio Lower Upper

65 100

67 0.0 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD074629.D

Acq: 25 Oct 2022 13:33

Instrument :

MSVOA_D

ClientSampleId :

SP-1RE

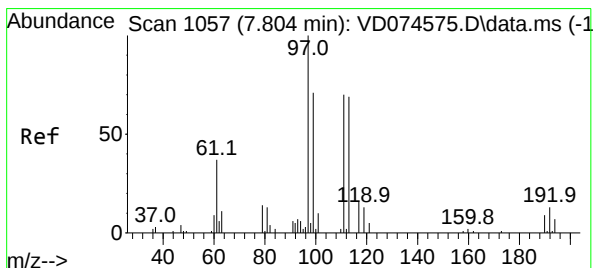
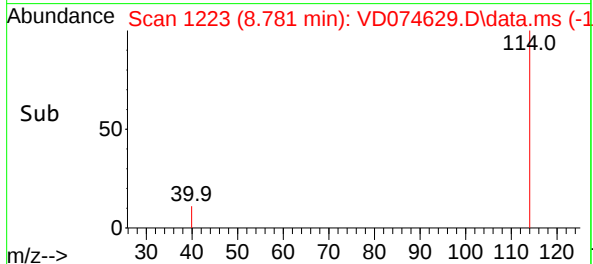
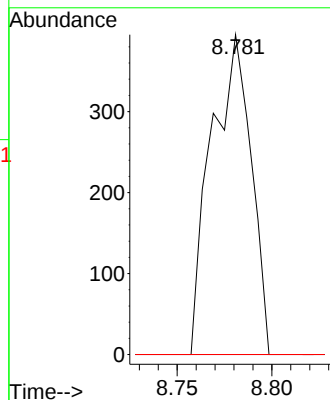
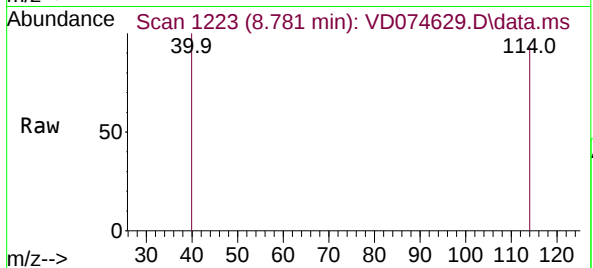
Tgt Ion:114 Resp: 577

Ion Ratio Lower Upper

114 100

63 0.0 0.0 33.2

88 0.0 0.0 28.2



#35

Dibromofluoromethane

Concen: 20.304 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD074629.D

Acq: 25 Oct 2022 13:33

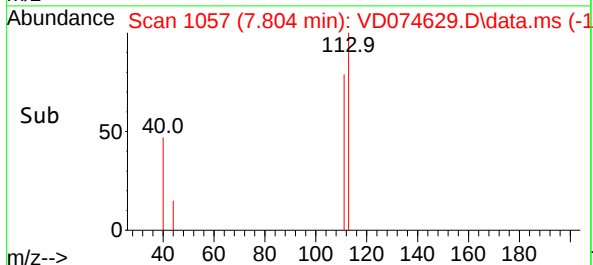
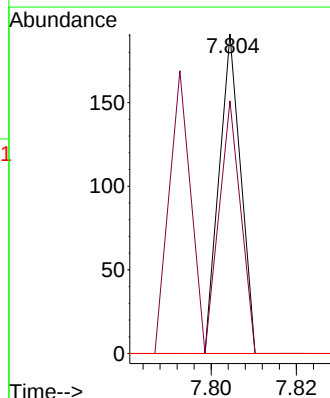
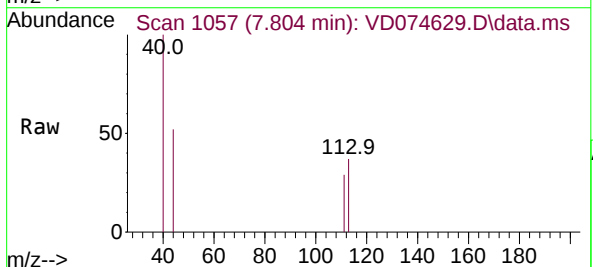
Tgt Ion:113 Resp: 67

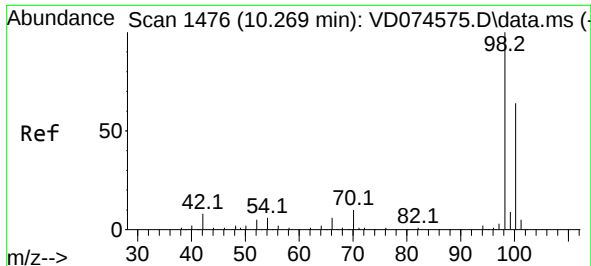
Ion Ratio Lower Upper

113 100

111 168.7 82.3 123.5#

192 0.0 16.4 24.6#

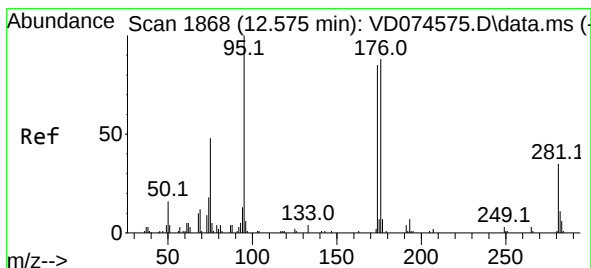
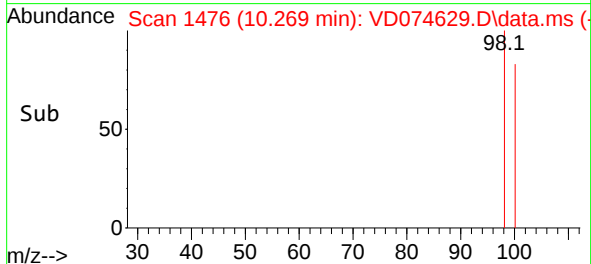
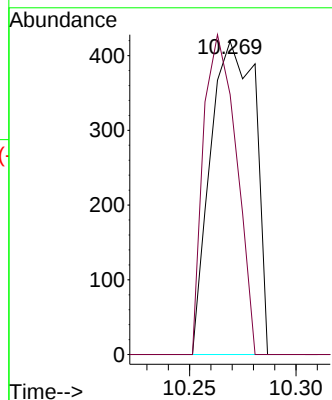
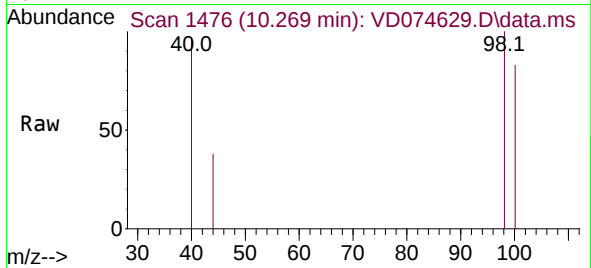




#50
Toluene-d8
Concen: 53.079 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074629.D
Acq: 25 Oct 2022 13:33

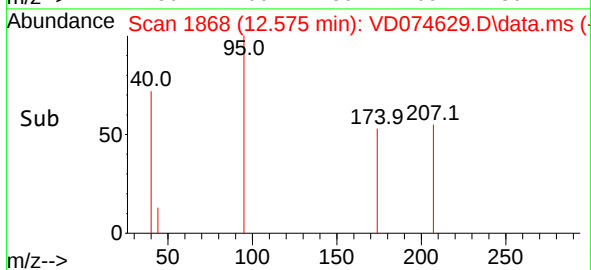
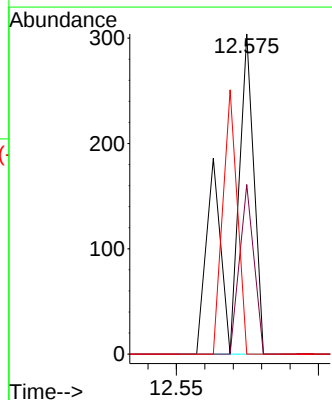
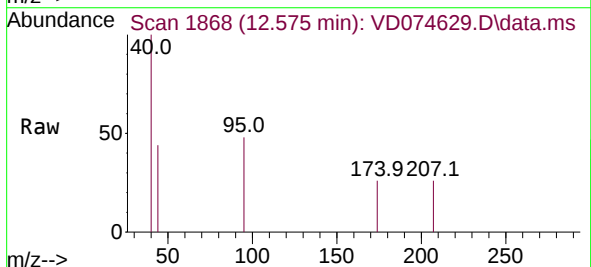
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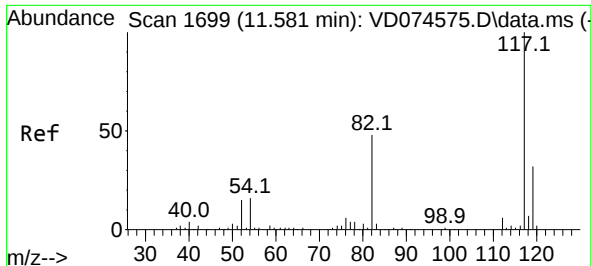
Tgt Ion: 98 Resp: 613
Ion Ratio Lower Upper
98 100
100 75.0 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 52.154 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD074629.D
Acq: 25 Oct 2022 13:33

Tgt Ion: 95 Resp: 173
Ion Ratio Lower Upper
95 100
174 32.9 0.0 197.0
176 51.4 0.0 182.6

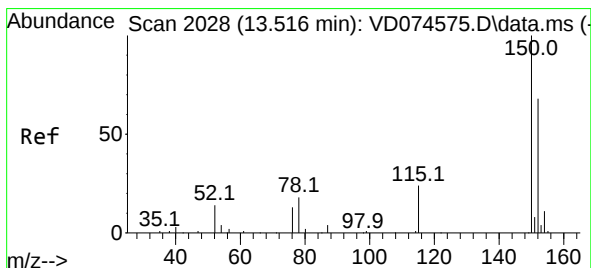
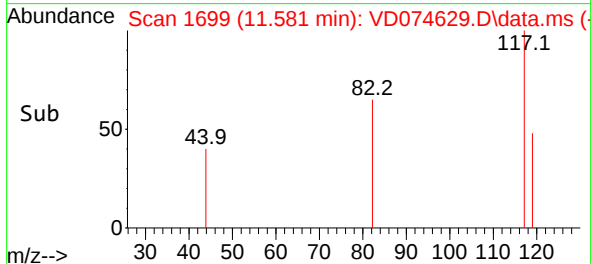
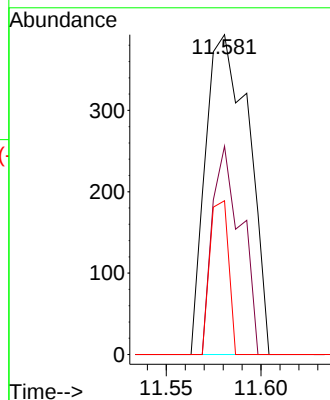
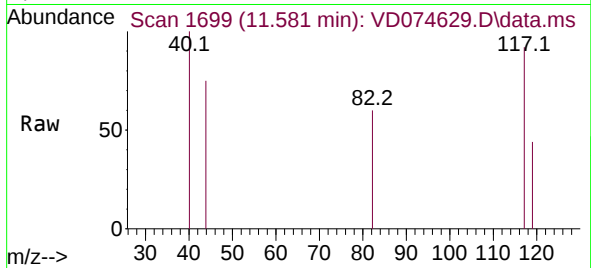




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074629.D
Acq: 25 Oct 2022 13:33

Instrument :
MSVOA_D
ClientSampleId :
SP-1RE

Tgt Ion:117 Resp: 623
Ion Ratio Lower Upper
117 100
82 65.1 41.6 62.4#
119 48.1 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: VD074629.D
Acq: 25 Oct 2022 13:33

Tgt Ion:152 Resp: 66
Ion Ratio Lower Upper
152 100
115 0.0 26.8 80.4#
150 303.0 0.0 348.2

