

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100622\
 Data File : VD074471.D
 Acq On : 06 Oct 2022 17:32
 Operator : VA/SY
 Sample : N5014-08
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-09-0-2.0

Quant Time: Oct 07 01:27:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 01:54:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	133111	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	235672	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	206663	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	89980	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	48257	40.804	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	81.600%
35) Dibromofluoromethane	7.804	113	67053	43.147	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.300%
50) Toluene-d8	10.269	98	217777	38.788	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	77.580%
62) 4-Bromofluorobenzene	12.569	95	74250	41.246	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	82.500%

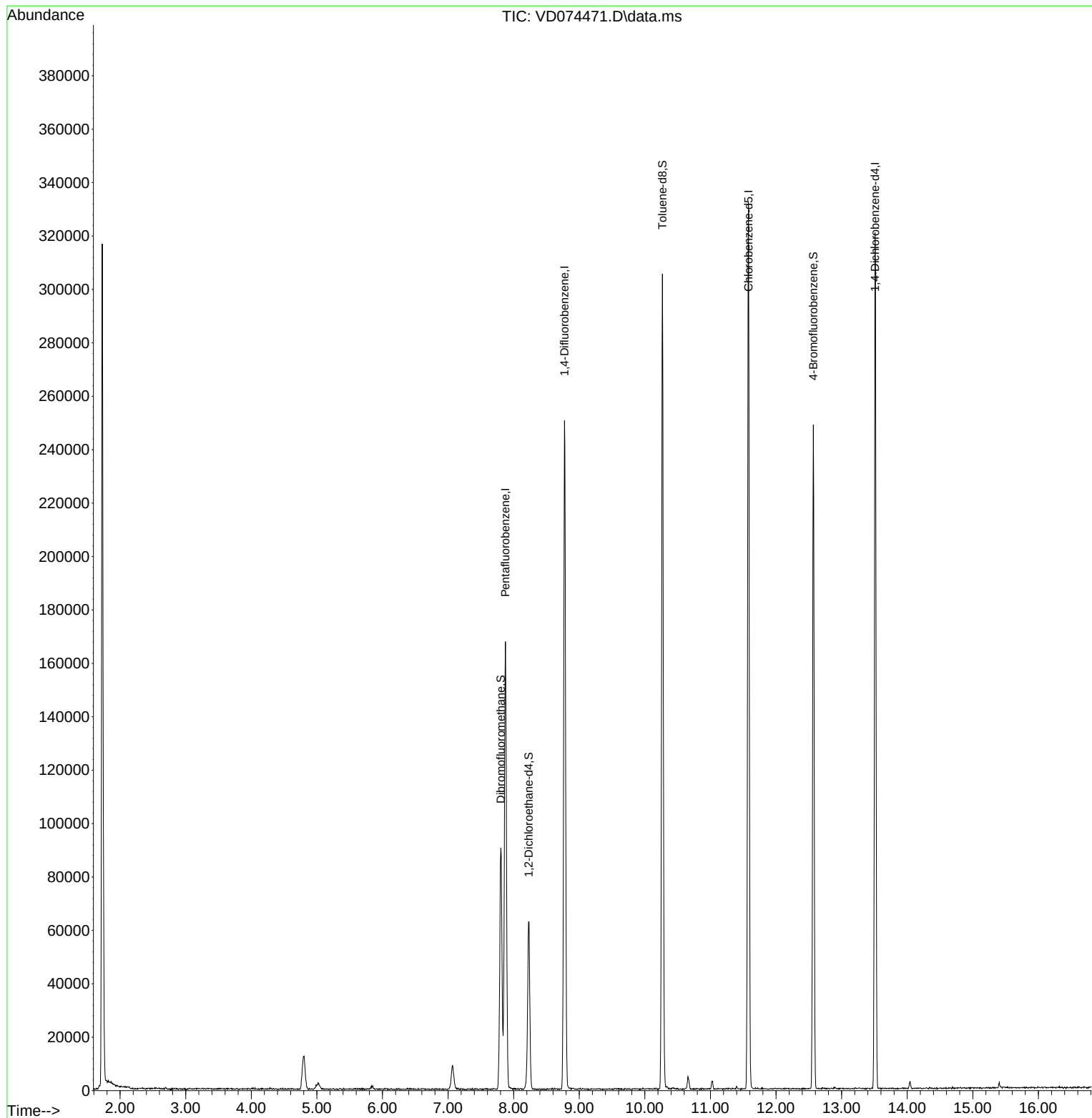
Target Compounds	Qvalue

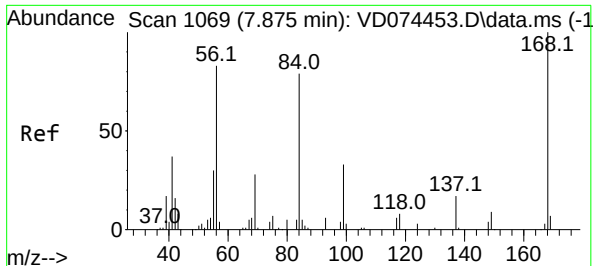
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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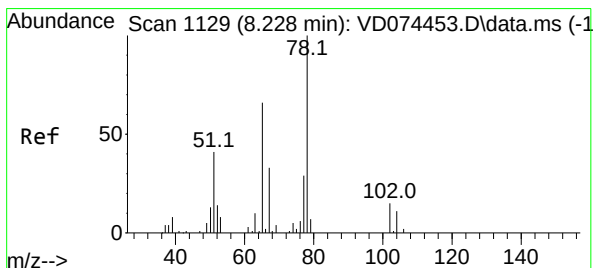
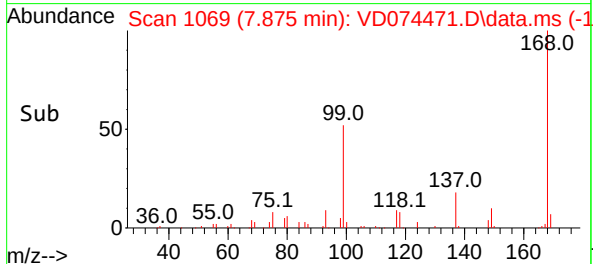
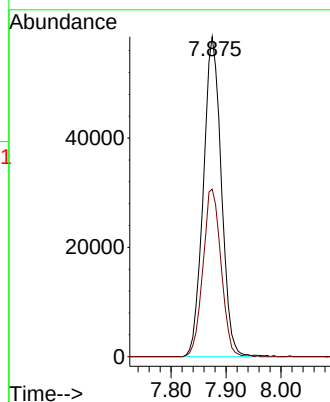
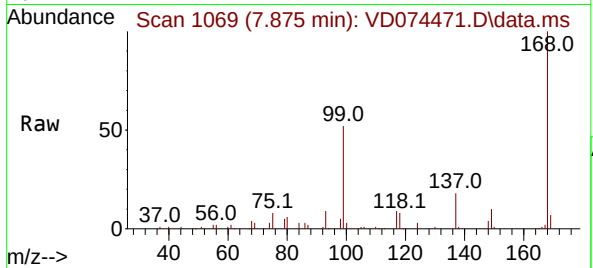




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD074471.D
Acq: 06 Oct 2022 17:32

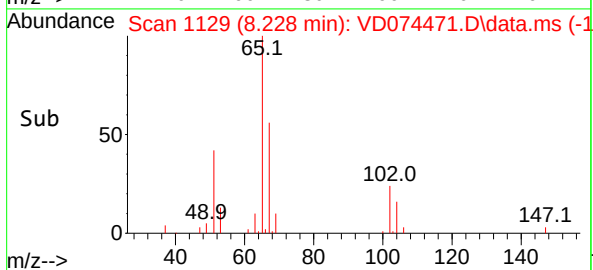
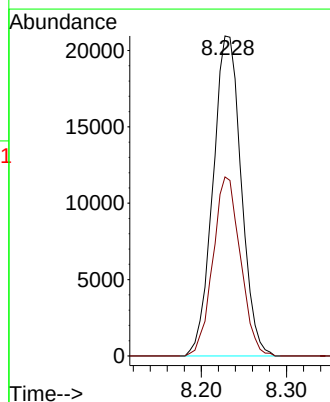
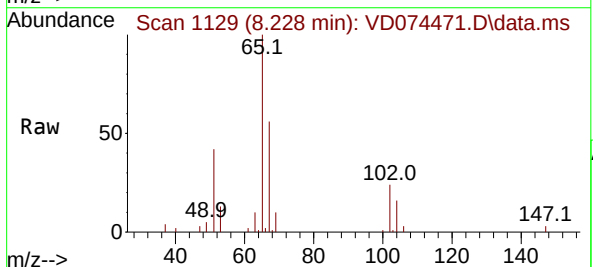
Instrument :
MSVOA_D
ClientSampleId :
SB-09-0-2.0

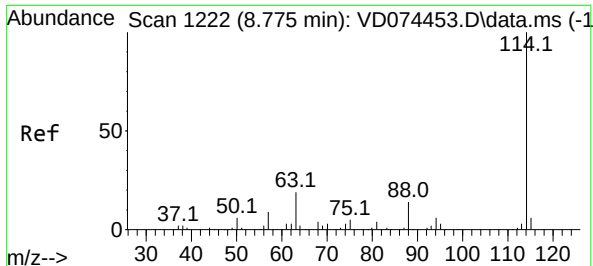
Tgt Ion:168 Resp: 133111
Ion Ratio Lower Upper
168 100
99 52.4 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 40.804 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD074471.D
Acq: 06 Oct 2022 17:32

Tgt Ion: 65 Resp: 48257
Ion Ratio Lower Upper
65 100
67 54.5 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: VD074471.D

Acq: 06 Oct 2022 17:32

Instrument :

MSVOA_D

ClientSampleId :

SB-09-0-2.0

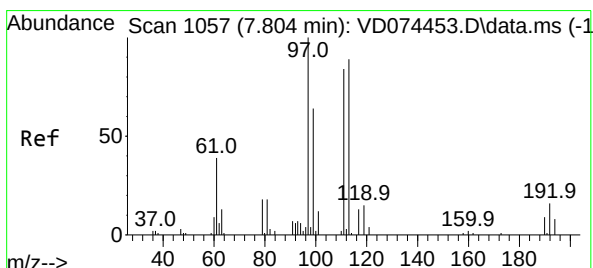
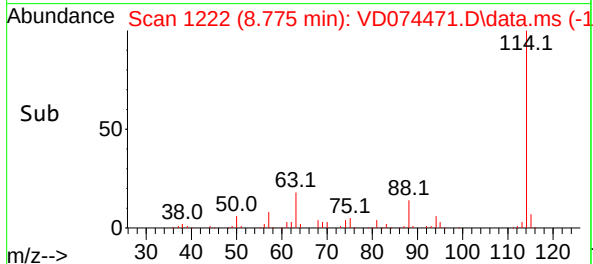
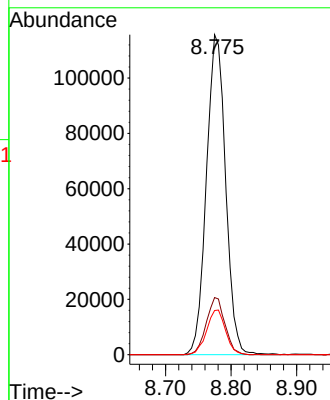
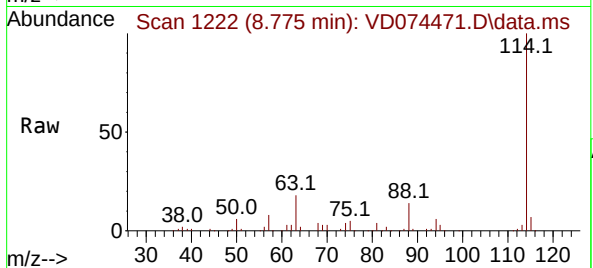
Tgt Ion:114 Resp: 235672

Ion Ratio Lower Upper

114 100

63 17.9 0.0 33.2

88 13.8 0.0 28.2



#35

Dibromofluoromethane

Concen: 43.147 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD074471.D

Acq: 06 Oct 2022 17:32

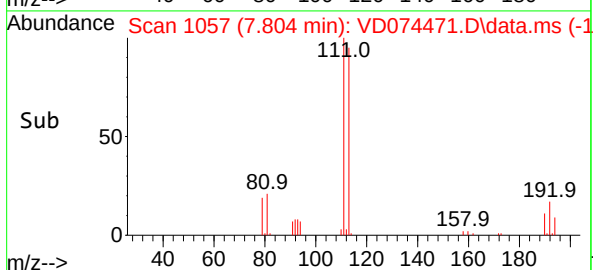
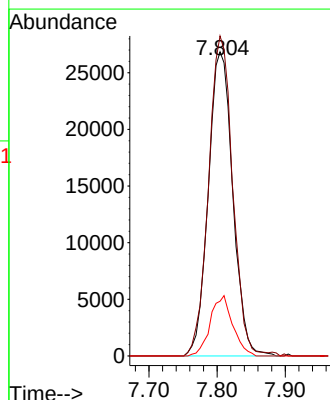
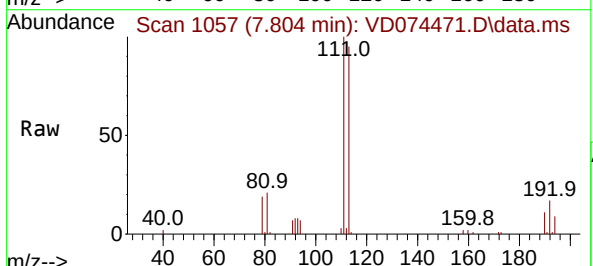
Tgt Ion:113 Resp: 67053

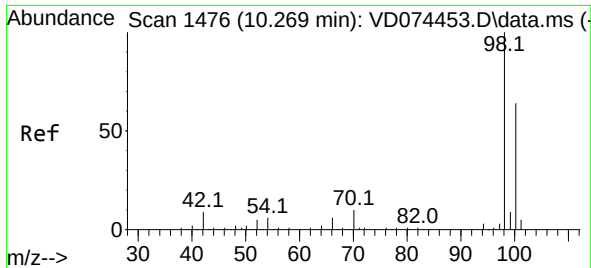
Ion Ratio Lower Upper

113 100

111 103.9 82.3 123.5

192 18.2 16.4 24.6

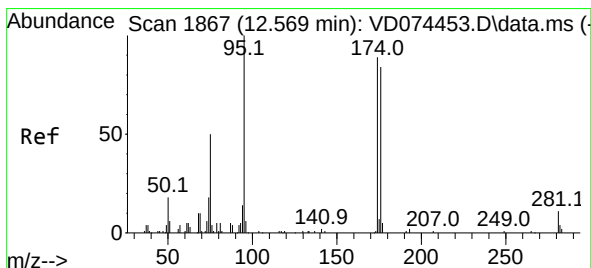
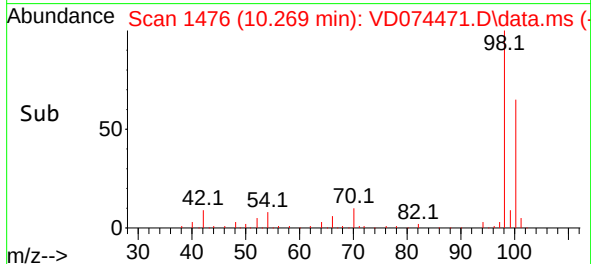
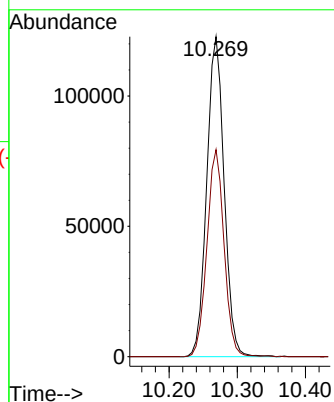
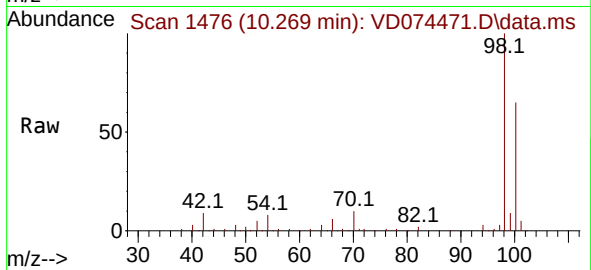




#50
Toluene-d8
Concen: 38.788 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD074471.D
Acq: 06 Oct 2022 17:32

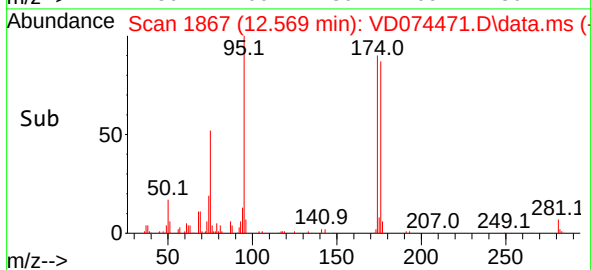
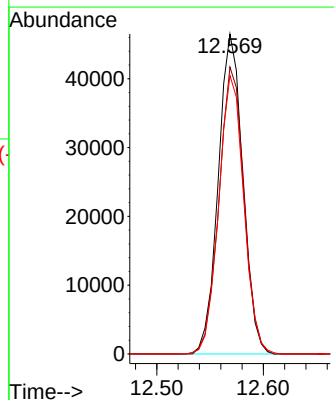
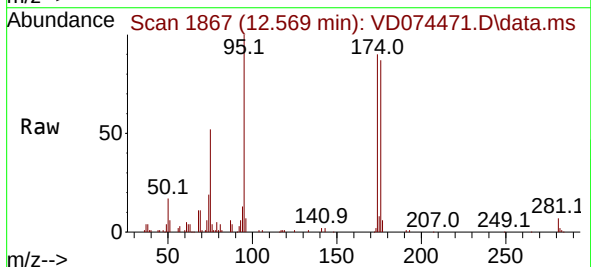
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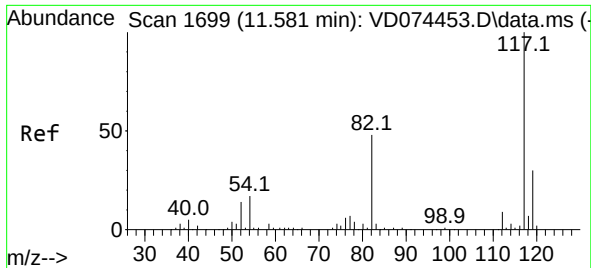
Tgt Ion: 98 Resp: 217777
Ion Ratio Lower Upper
98 100
100 63.7 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 41.246 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD074471.D
Acq: 06 Oct 2022 17:32

Tgt Ion: 95 Resp: 74250
Ion Ratio Lower Upper
95 100
174 91.7 0.0 197.0
176 88.7 0.0 182.6

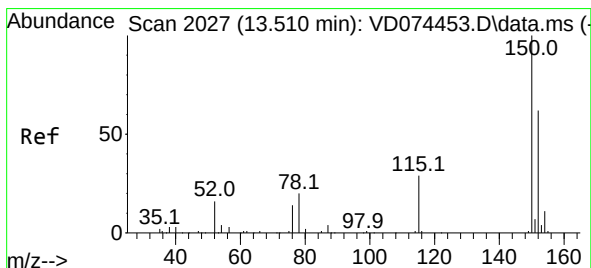
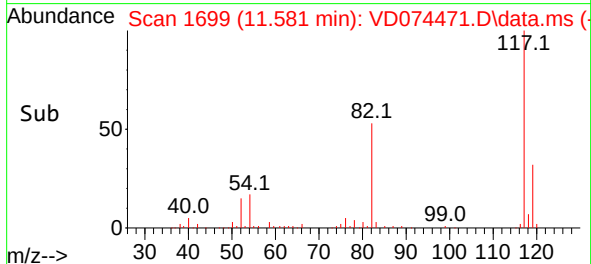
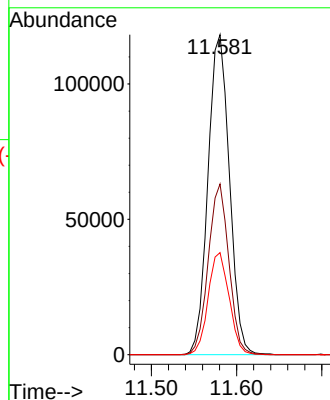
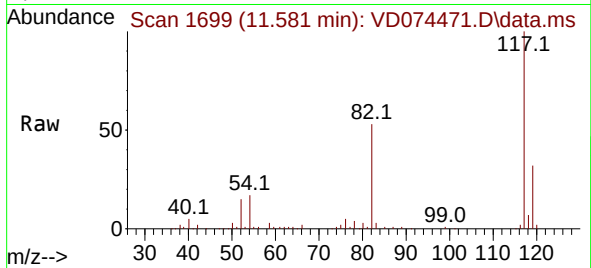




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD074471.D
Acq: 06 Oct 2022 17:32

Instrument :
MSVOA_D
ClientSampleId :
SB-09-0-2.0

Tgt Ion:117 Resp: 206663
Ion Ratio Lower Upper
117 100
82 53.4 41.6 62.4
119 31.9 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.510 min Scan# 2027
Delta R.T. -0.000 min
Lab File: VD074471.D
Acq: 06 Oct 2022 17:32

Tgt Ion:152 Resp: 89980
Ion Ratio Lower Upper
152 100
115 55.8 26.8 80.4
150 155.8 0.0 348.2

