

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100722\
 Data File : VD074485.D
 Acq On : 07 Oct 2022 12:37
 Operator : VA/SY
 Sample : N5014-04RE
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-06-0-2.0RE

Quant Time: Oct 08 02:24:12 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	76910	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	145097	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	130661	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	54239	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	39068	57.174	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.340%
35) Dibromofluoromethane	7.804	113	43980	45.966	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.940%
50) Toluene-d8	10.269	98	125766	36.495	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	73.000%
62) 4-Bromofluorobenzene	12.569	95	44712	40.188	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	80.380%

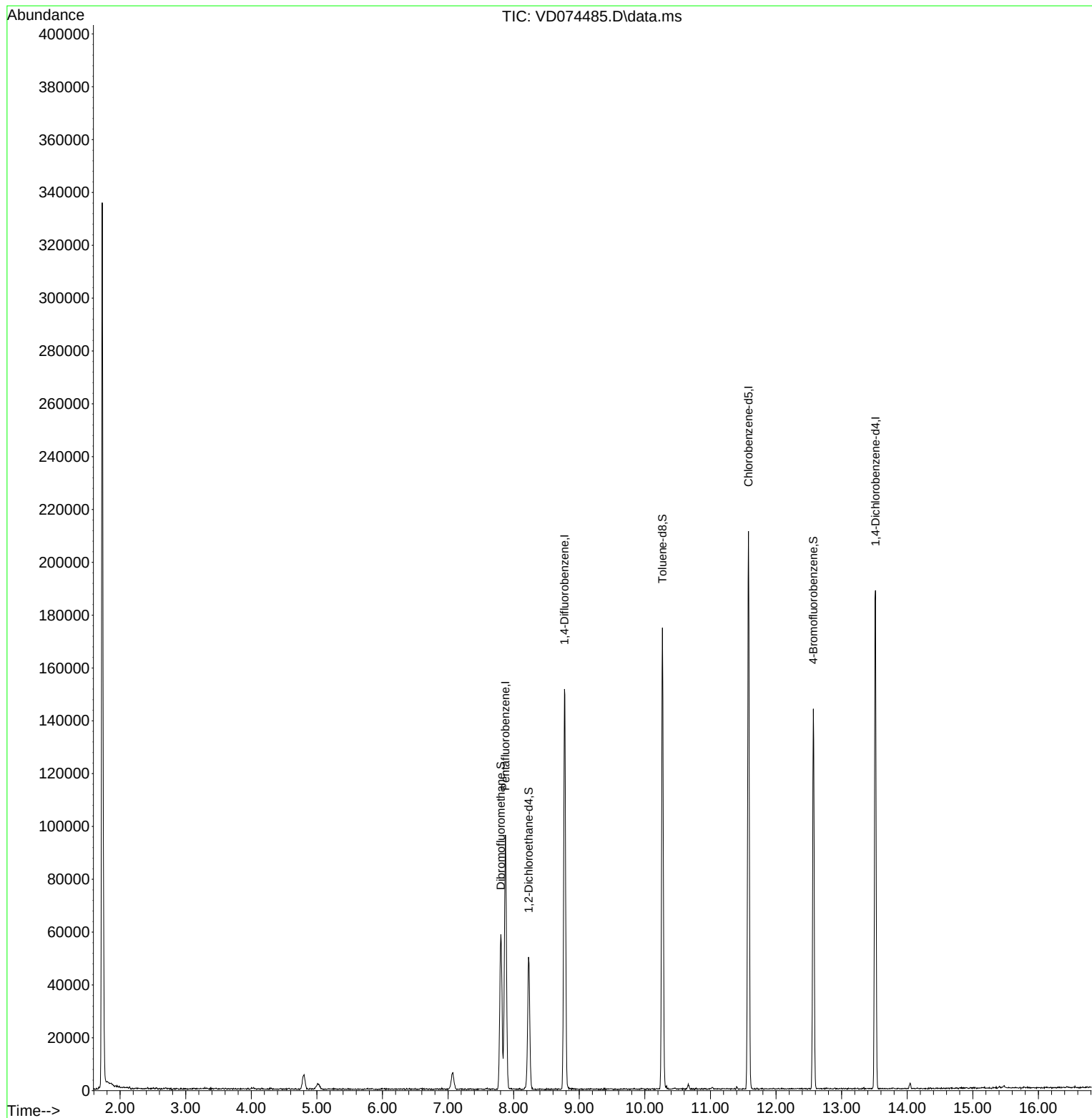
Target Compounds	Qvalue

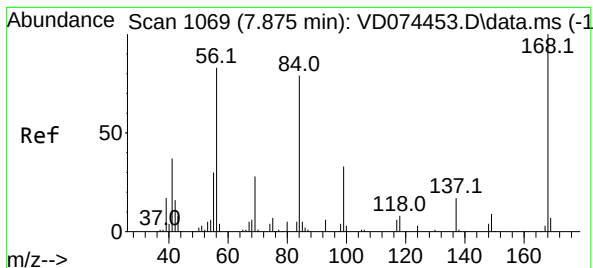
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD074485.D

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Instrument :

MSVOA_D

ClientSampleId :

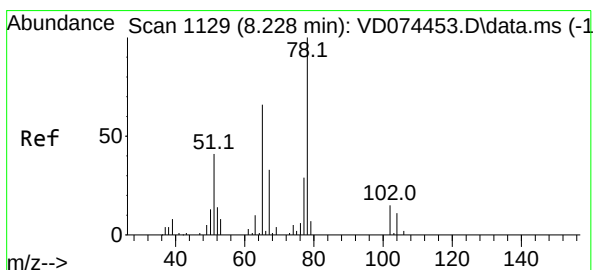
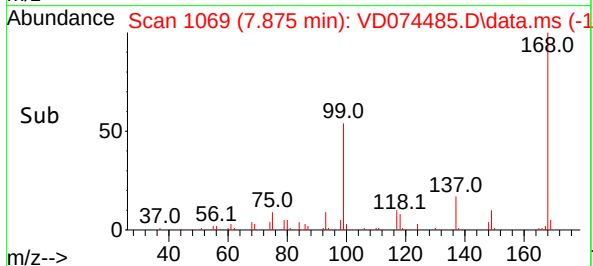
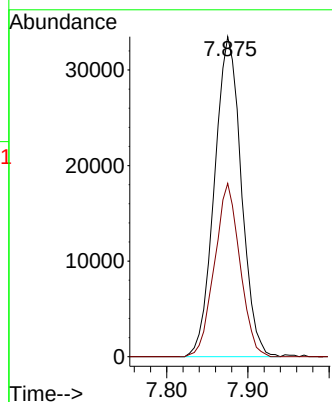
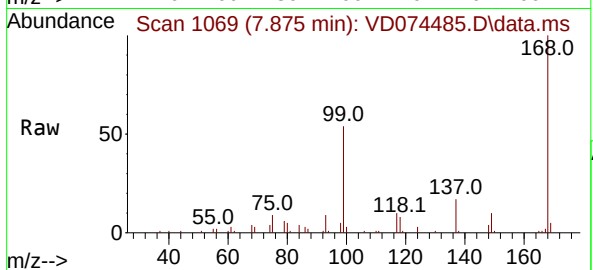
SB-06-0-2.0RE

Tgt Ion:168 Resp: 76910

Ion Ratio Lower Upper

168 100

99 54.1 40.9 61.3



#33

1,2-Dichloroethane-d4

Concen: 57.174 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD074485.D

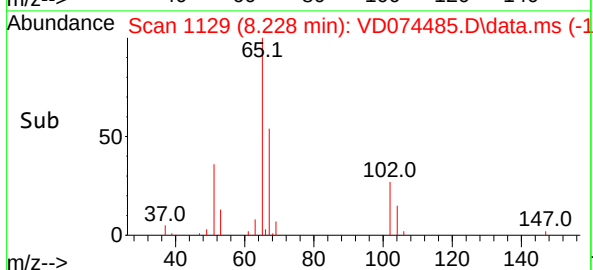
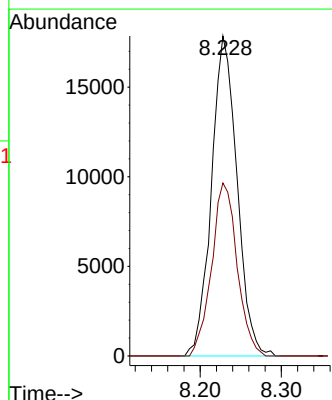
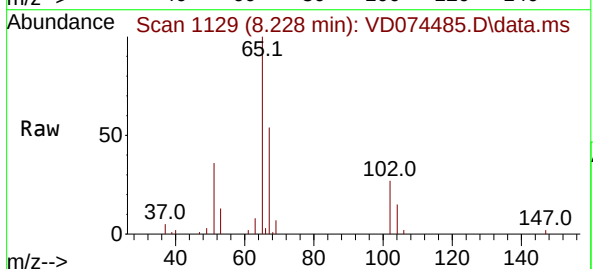
Acq: 07 Oct 2022 12:37

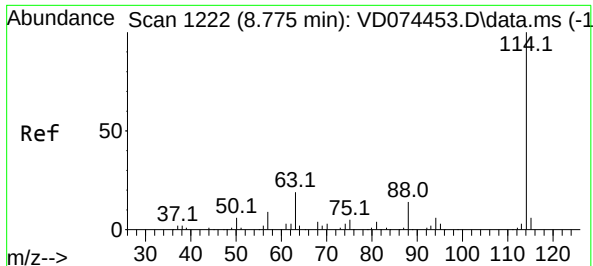
Tgt Ion: 65 Resp: 39068

Ion Ratio Lower Upper

65 100

67 54.0 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD074485.D

Acq: 07 Oct 2022 12:37

Instrument :

MSVOA_D

ClientSampleId :

SB-06-0-2.0RE

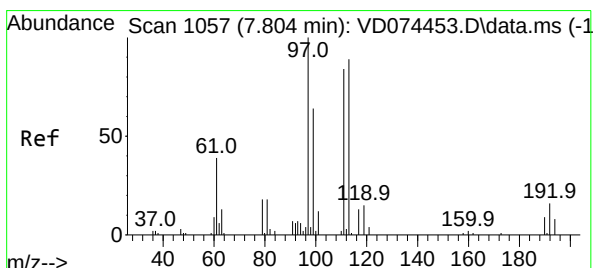
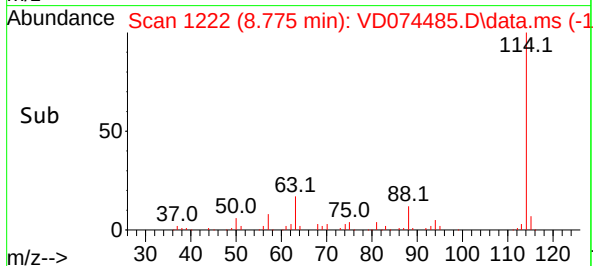
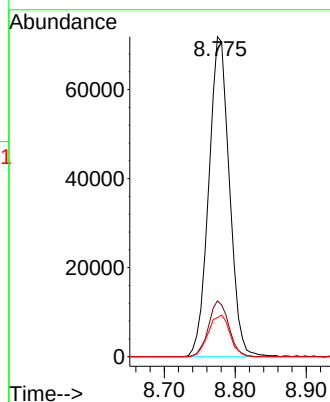
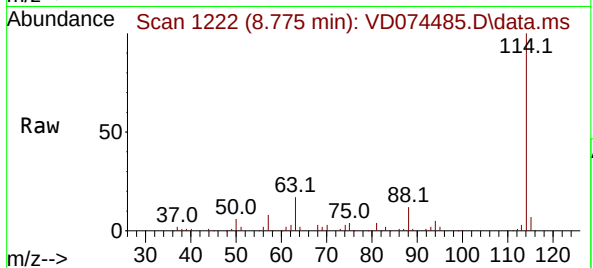
Tgt Ion:114 Resp: 145097

Ion Ratio Lower Upper

114 100

63 17.5 0.0 33.2

88 12.2 0.0 28.2



#35

Dibromofluoromethane

Concen: 45.966 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD074485.D

Acq: 07 Oct 2022 12:37

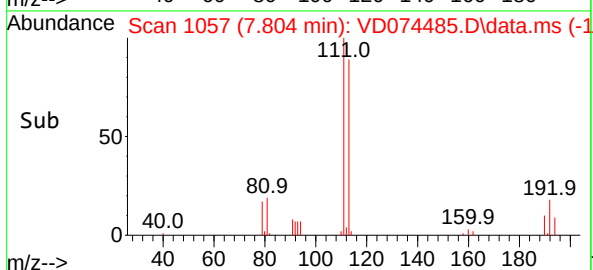
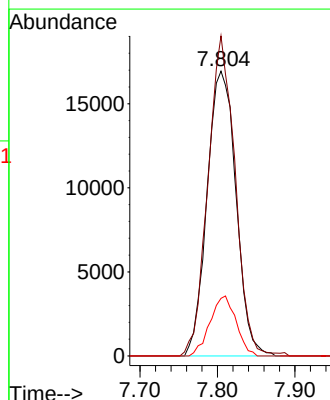
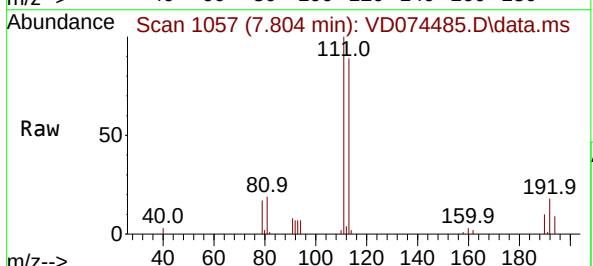
Tgt Ion:113 Resp: 43980

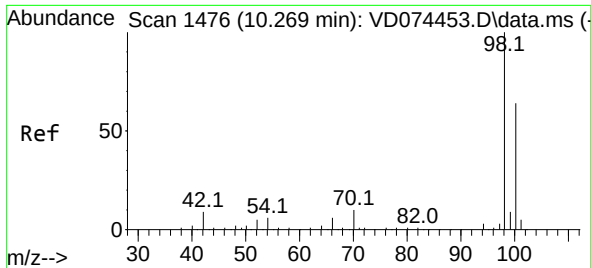
Ion Ratio Lower Upper

113 100

111 105.1 82.3 123.5

192 18.9 16.4 24.6

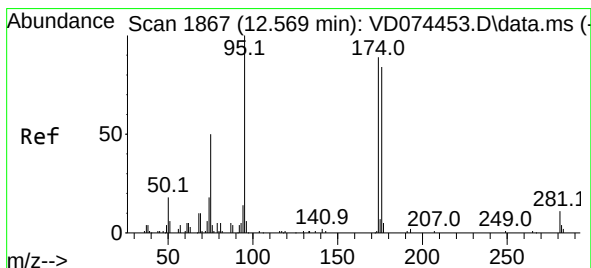
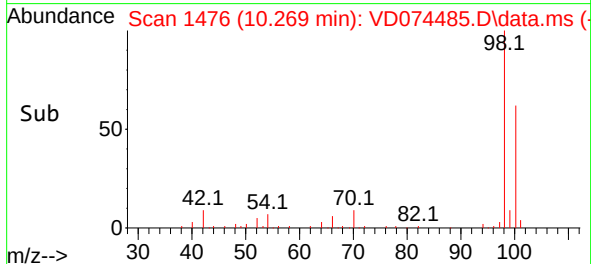
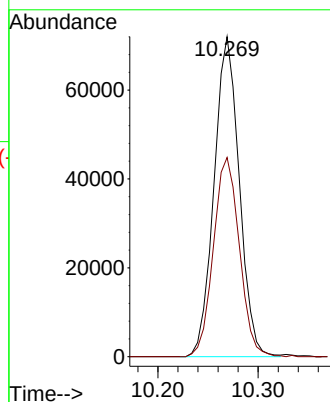
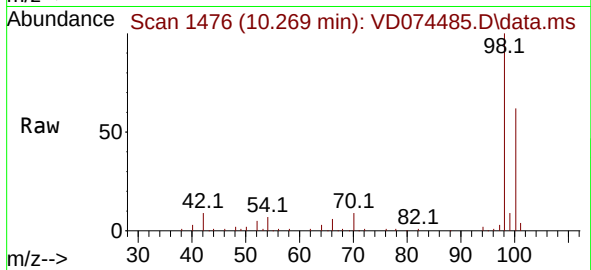




#50
Toluene-d8
Concen: 36.495 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074485.D
Acq: 07 Oct 2022 12:37

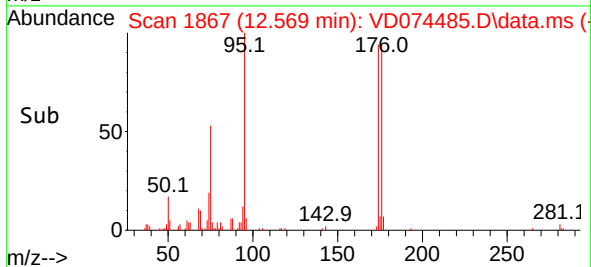
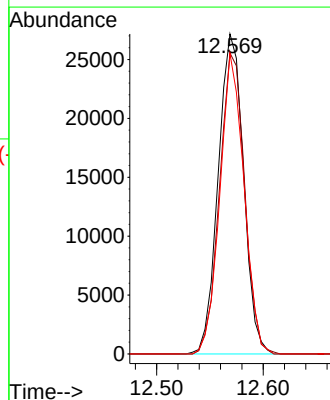
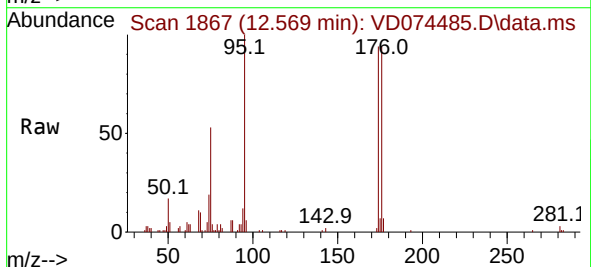
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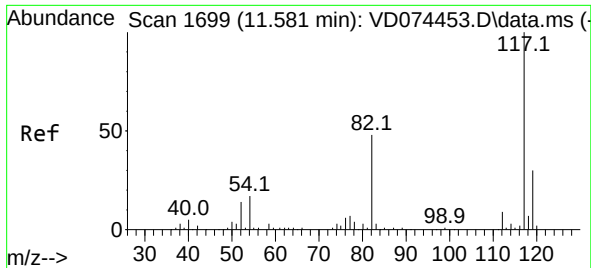
Tgt Ion: 98 Resp: 125766
Ion Ratio Lower Upper
98 100
100 64.1 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 40.188 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD074485.D
Acq: 07 Oct 2022 12:37

Tgt Ion: 95 Resp: 44712
Ion Ratio Lower Upper
95 100
174 93.4 0.0 197.0
176 89.3 0.0 182.6

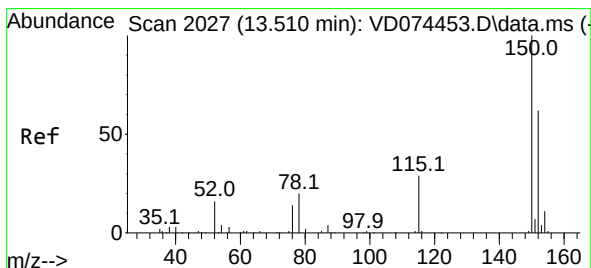
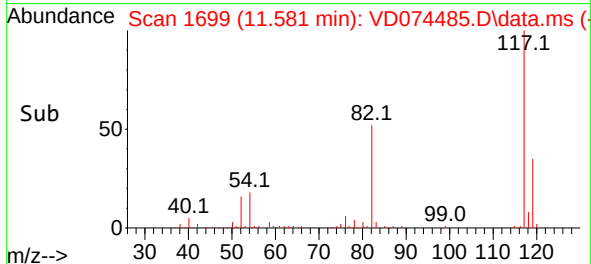
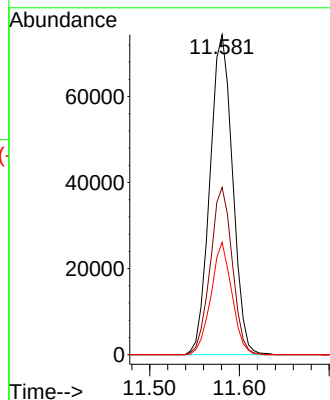
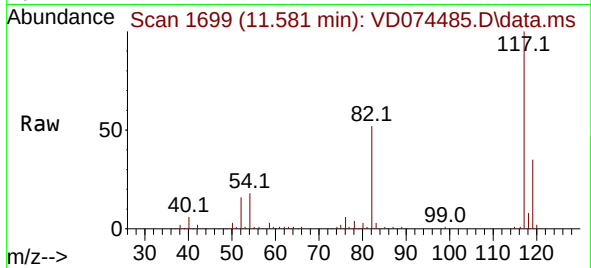




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD074485.D
Acq: 07 Oct 2022 12:37

Instrument :
MSVOA_D
ClientSampleId :
SB-06-0-2.0RE

Tgt Ion:117 Resp: 130661
Ion Ratio Lower Upper
117 100
82 52.3 41.6 62.4
119 35.1 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: VD074485.D
Acq: 07 Oct 2022 12:37

Tgt Ion:152 Resp: 54239
Ion Ratio Lower Upper
152 100
115 54.3 26.8 80.4
150 156.1 0.0 348.2

