

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111722\
 Data File : VD074972.D
 Acq On : 17 Nov 2022 16:23
 Operator : VA/SY
 Sample : N5642-12RE
 Misc : 6.50G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 LEFT-SIDE-FLATS-32RE

Quant Time: Nov 17 22:36:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 14 00:51:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	1966	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	4015	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	4143	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	1768	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	1368	112.076	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	224.160%#
35) Dibromofluoromethane	7.805	113	1625	65.657	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	131.320%
50) Toluene-d8	10.269	98	4511	55.332	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.660%
62) 4-Bromofluorobenzene	12.581	95	1374	54.885	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	109.780%

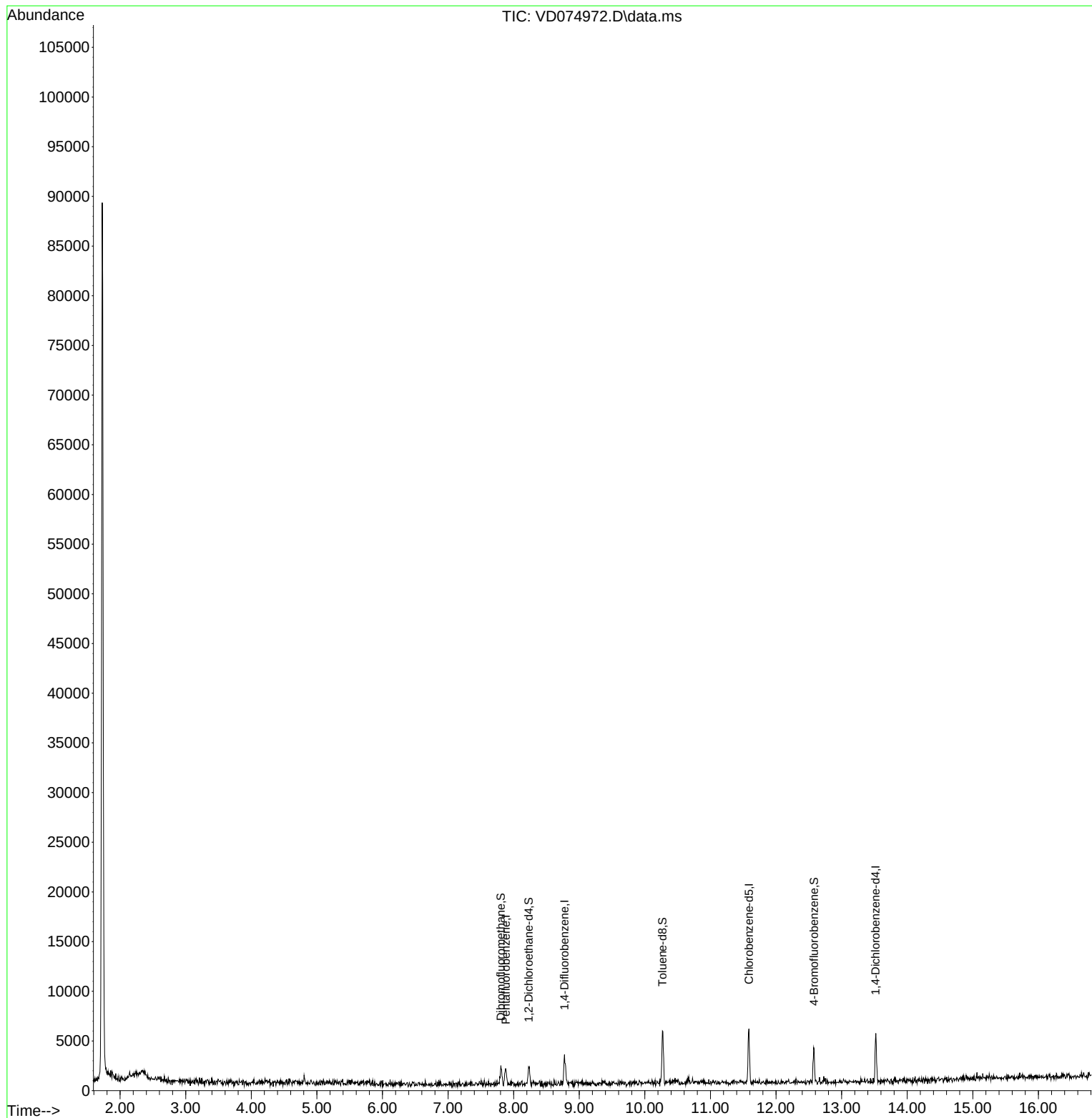
Target Compounds	Qvalue

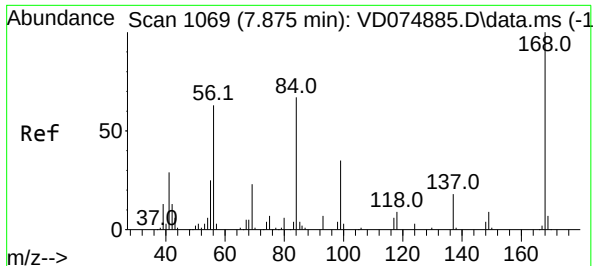
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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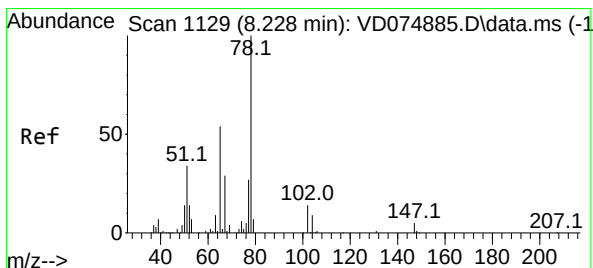
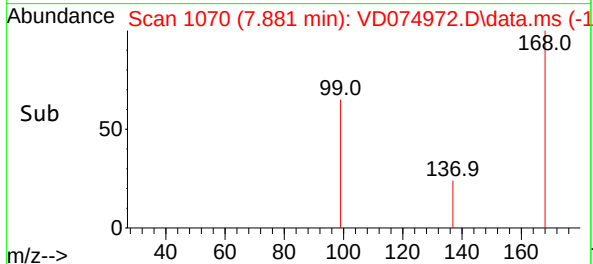
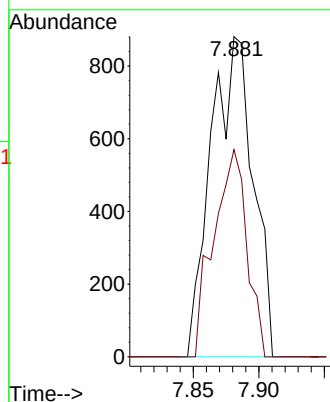
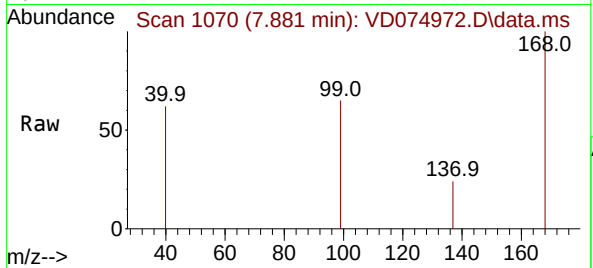




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD074972.D
Acq: 17 Nov 2022 16:23

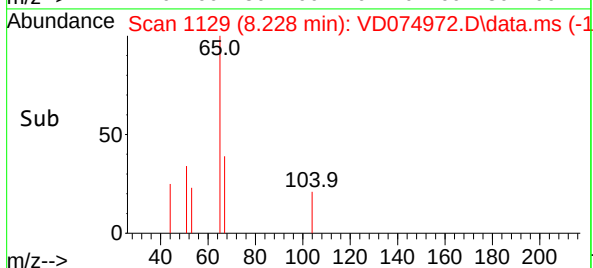
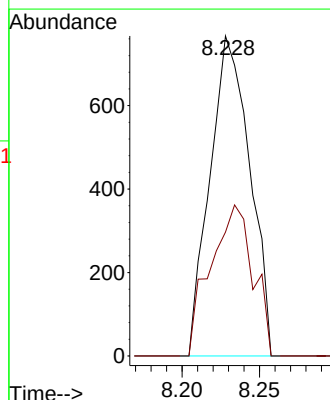
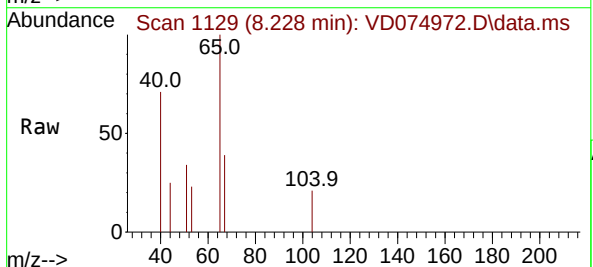
Instrument :
MSVOA_D
ClientSampleId :
LEFT-SIDE-FLATS-32RE

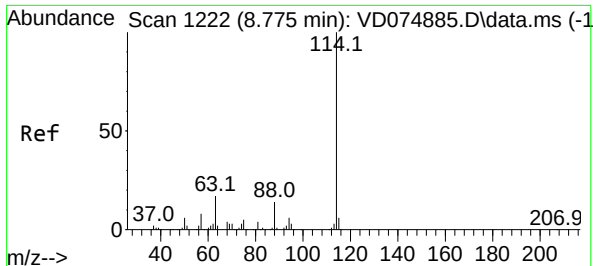
Tgt Ion:168 Resp: 1966
Ion Ratio Lower Upper
168 100
99 64.7 40.9 61.3#



#33
1,2-Dichloroethane-d4
Concen: 112.076 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD074972.D
Acq: 17 Nov 2022 16:23

Tgt Ion: 65 Resp: 1368
Ion Ratio Lower Upper
65 100
67 50.7 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: VD074972.D

Acq: 17 Nov 2022 16:23

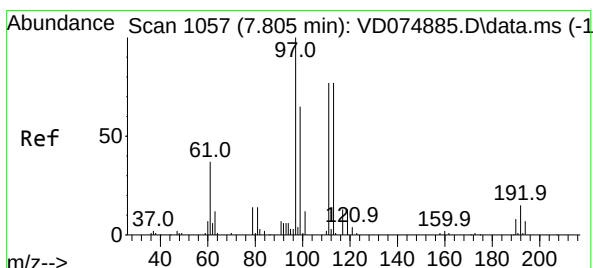
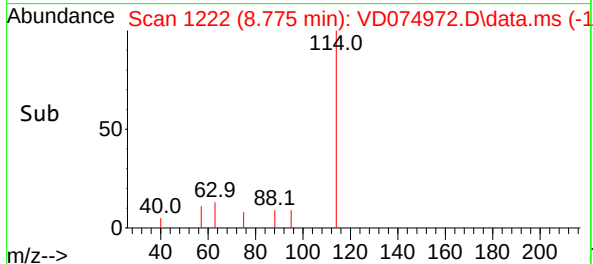
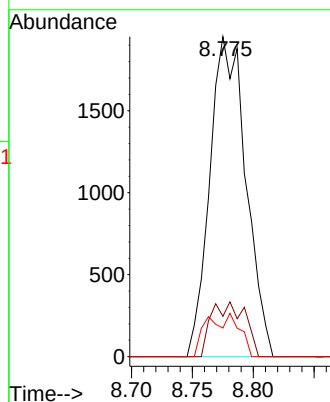
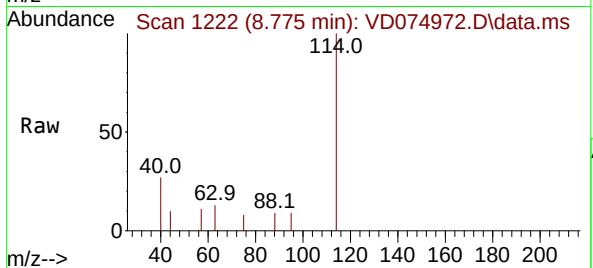
Instrument :

MSVOA_D

ClientSampleId :

LEFT-SIDE-FLATS-32RE

Tgt Ion:114	Resp:	4015
Ion Ratio	Lower	Upper
114	100	
63	12.6	0.0 33.2
88	8.9	0.0 28.2



#35

Dibromofluoromethane

Concen: 65.657 ug/l

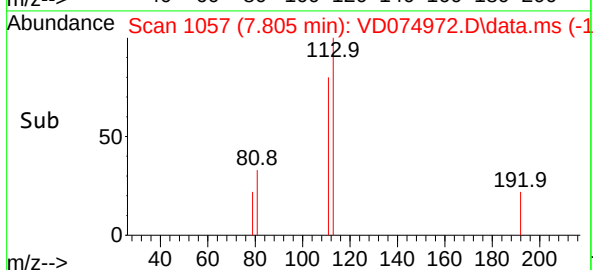
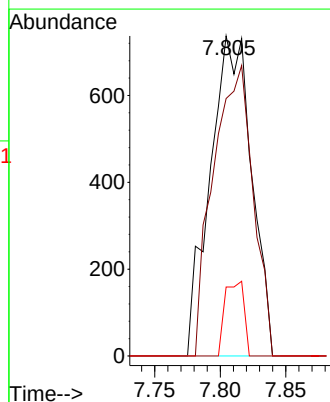
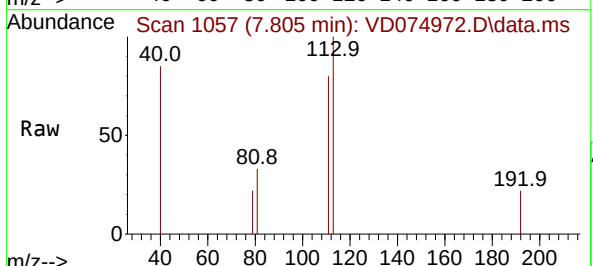
RT: 7.805 min Scan# 1057

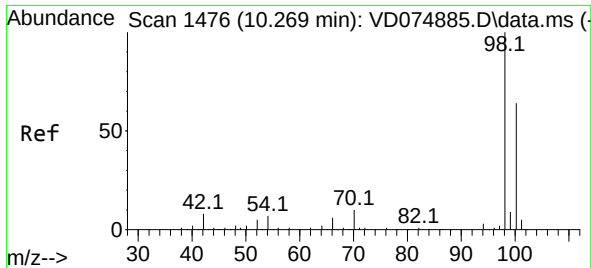
Delta R.T. -0.000 min

Lab File: VD074972.D

Acq: 17 Nov 2022 16:23

Tgt Ion:113	Resp:	1625
Ion Ratio	Lower	Upper
113	100	
111	87.0	82.3 123.5
192	10.6	16.4 24.6#

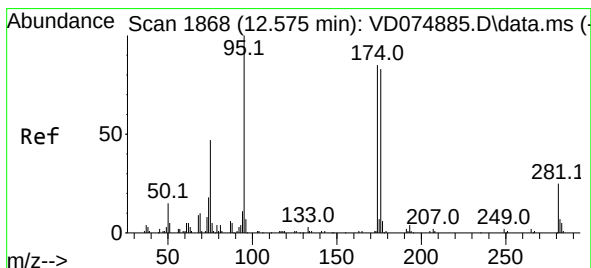
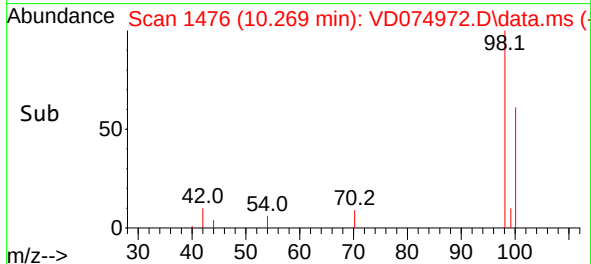
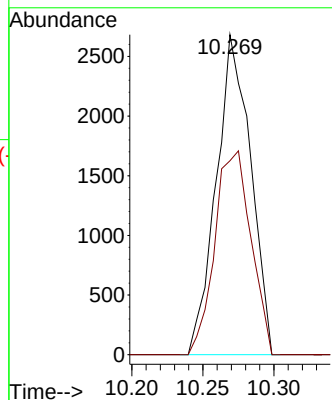
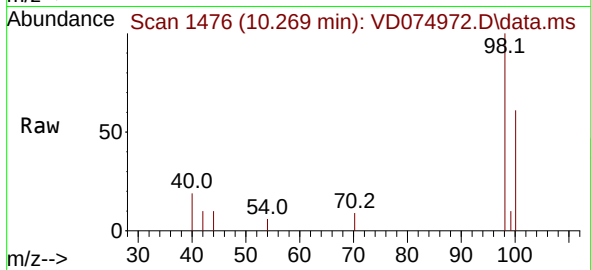




#50
Toluene-d8
Concen: 55.332 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074972.D
Acq: 17 Nov 2022 16:23

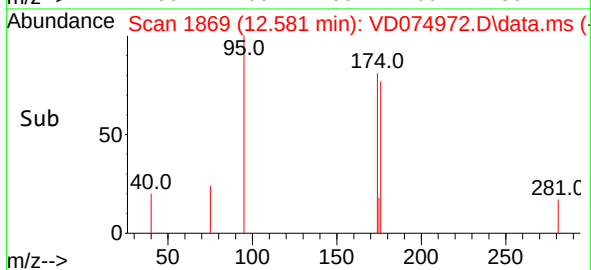
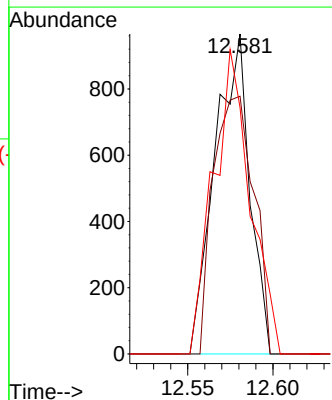
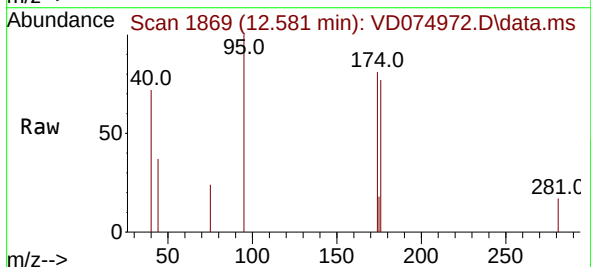
Instrument :
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LEFT-SIDE-FLATS-32RE

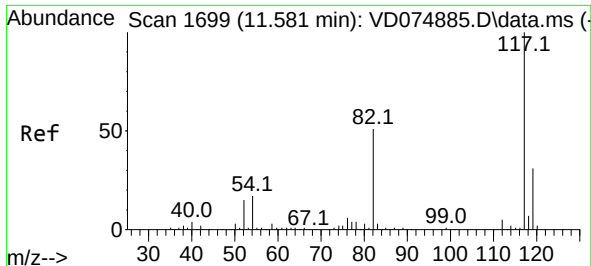
Tgt Ion: 98 Resp: 4511
Ion Ratio Lower Upper
98 100
100 67.0 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 54.885 ug/l
RT: 12.581 min Scan# 1869
Delta R.T. 0.006 min
Lab File: VD074972.D
Acq: 17 Nov 2022 16:23

Tgt Ion: 95 Resp: 1374
Ion Ratio Lower Upper
95 100
174 94.0 0.0 197.0
176 100.7 0.0 182.6

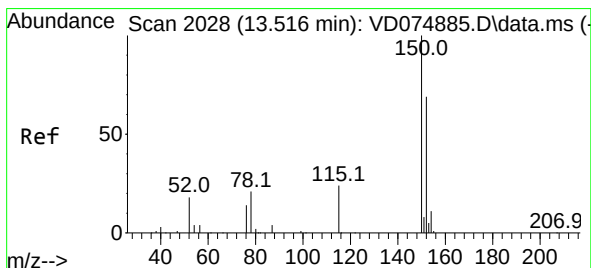
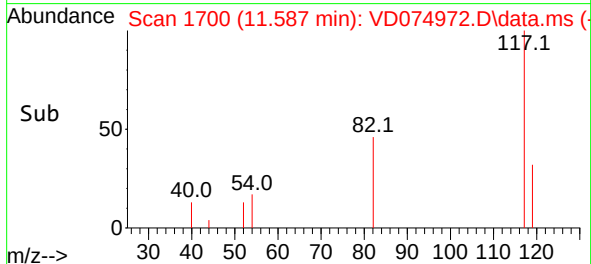
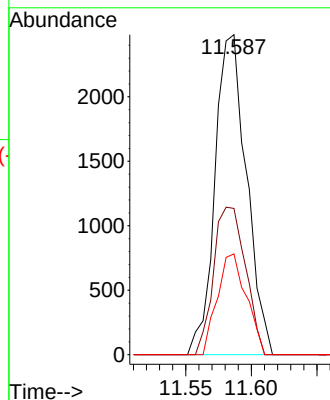
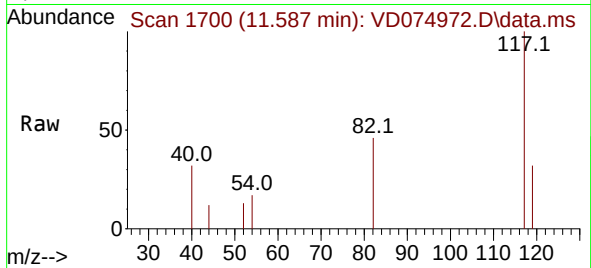




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074972.D
Acq: 17 Nov 2022 16:23

Instrument :
MSVOA_D
ClientSampleId :
LEFT-SIDE-FLATS-32RE

Tgt Ion:117 Resp: 4143
Ion Ratio Lower Upper
117 100
82 45.7 41.6 62.4
119 31.5 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD074972.D
Acq: 17 Nov 2022 16:23

Tgt Ion:152 Resp: 1768
Ion Ratio Lower Upper
152 100
115 49.7 26.8 80.4
150 162.7 0.0 348.2

