

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122822\
 Data File : VD075073.D
 Acq On : 28 Dec 2022 18:38
 Operator : KP/SY
 Sample : N6224-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-3-122822

Quant Time: Dec 29 03:53:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D12222S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 23 05:54:19 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	29461	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	73554	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	73467	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	33492	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	29283	101.687	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	203.380%#
35) Dibromofluoromethane	7.810	113	24711	57.093	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.180%
50) Toluene-d8	10.269	98	93085	53.227	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.460%
62) 4-Bromofluorobenzene	12.575	95	34150	60.277	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	120.560%

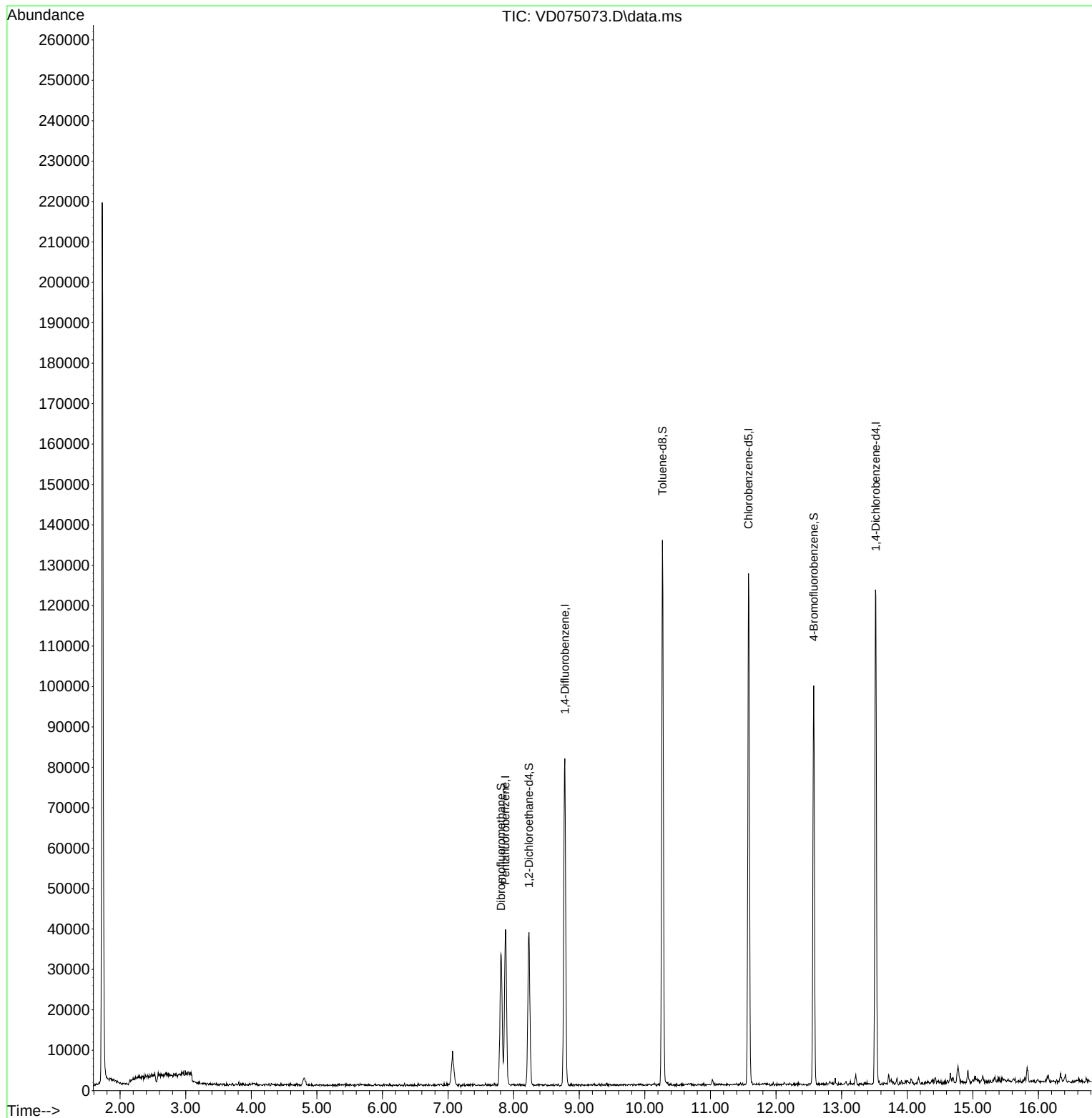
Target Compounds	Qvalue

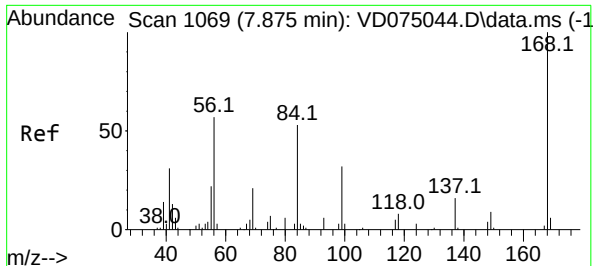
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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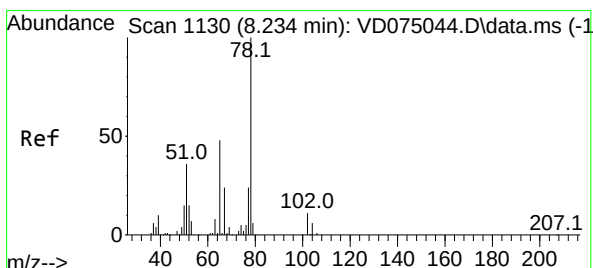
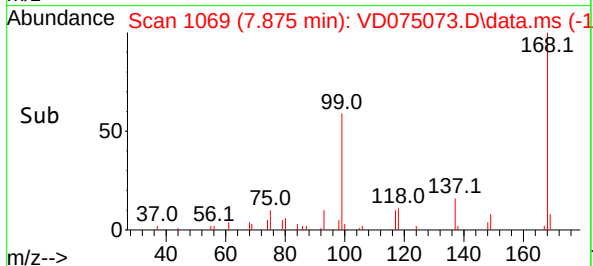
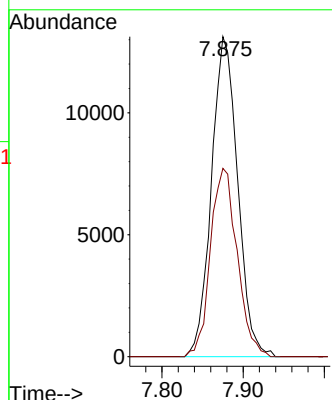
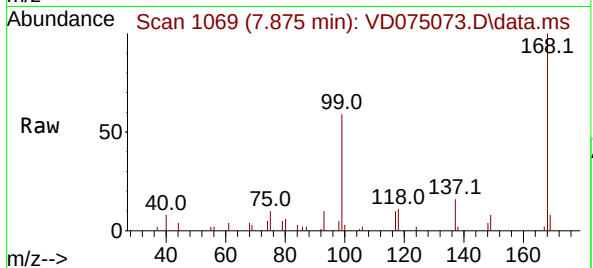




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD075073.D
Acq: 28 Dec 2022 18:38

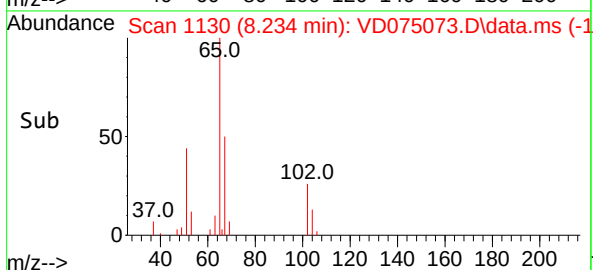
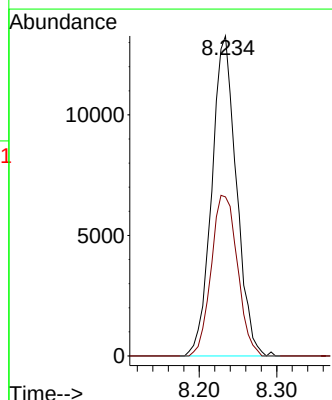
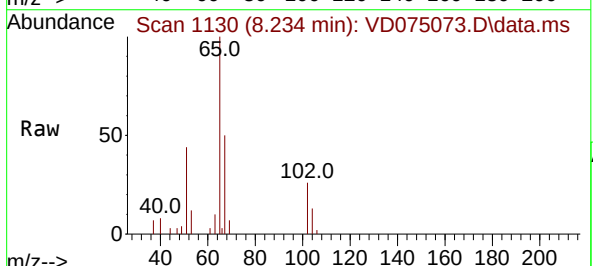
Instrument :
MSVOA_D
ClientSampleId :
OK-3-122822

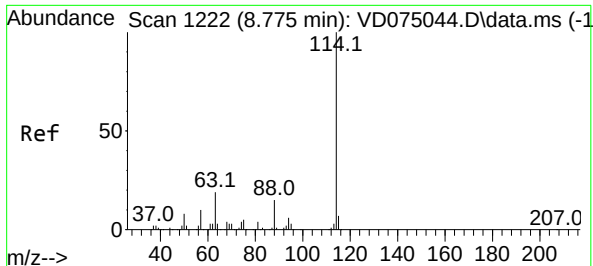
Tgt Ion:168 Resp: 29461
Ion Ratio Lower Upper
168 100
99 58.9 40.3 60.5



#33
1,2-Dichloroethane-d4
Concen: 101.687 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD075073.D
Acq: 28 Dec 2022 18:38

Tgt Ion: 65 Resp: 29283
Ion Ratio Lower Upper
65 100
67 53.5 0.0 111.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD075073.D

Acq: 28 Dec 2022 18:38

Instrument :

MSVOA_D

ClientSampleId :

OK-3-122822

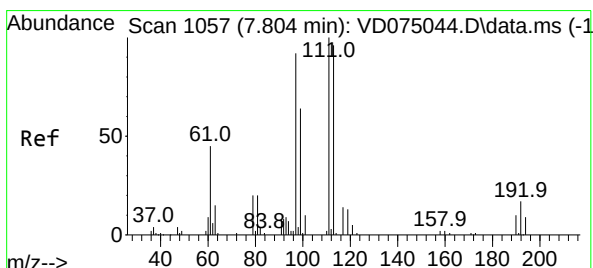
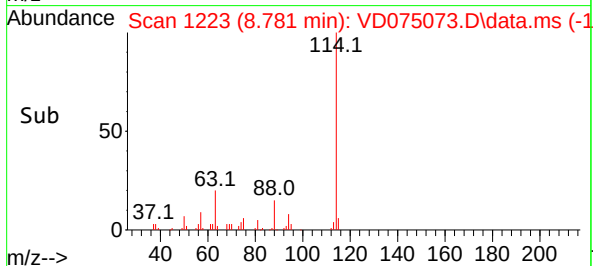
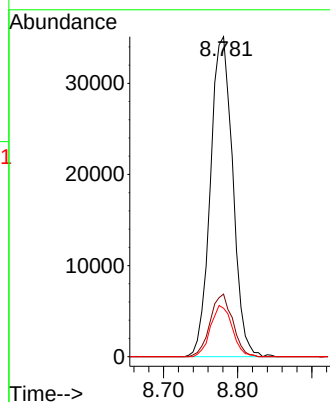
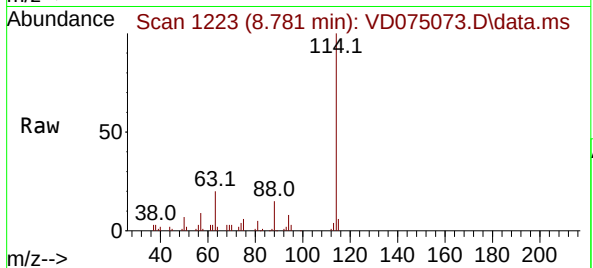
Tgt Ion:114 Resp: 73554

Ion Ratio Lower Upper

114 100

63 19.6 0.0 33.8

88 15.1 0.0 27.8



#35

Dibromofluoromethane

Concen: 57.093 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.005 min

Lab File: VD075073.D

Acq: 28 Dec 2022 18:38

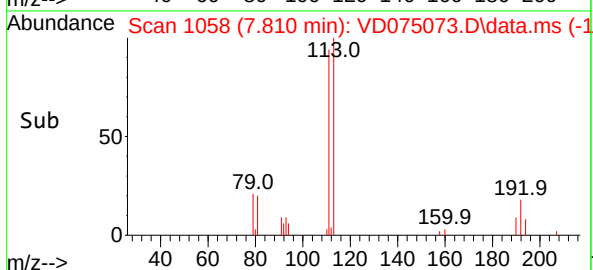
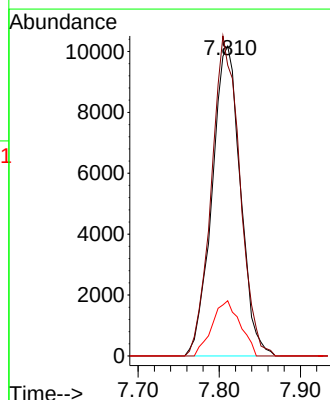
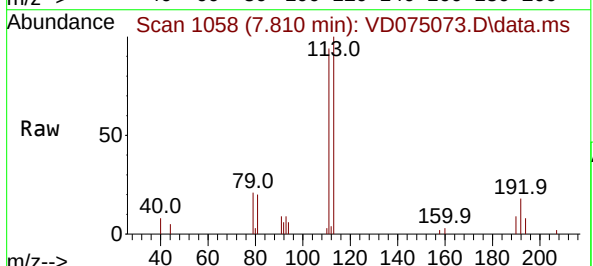
Tgt Ion:113 Resp: 24711

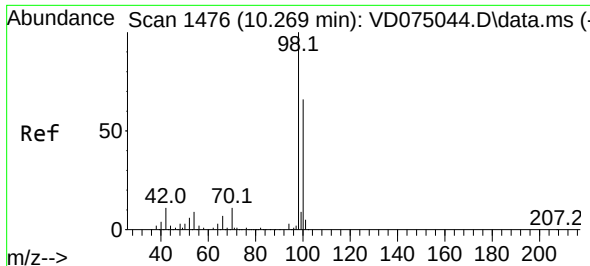
Ion Ratio Lower Upper

113 100

111 103.2 82.1 123.1

192 17.6 15.1 22.7

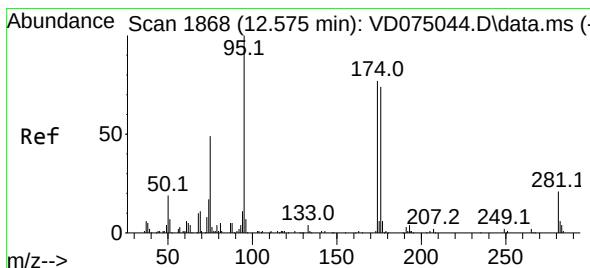
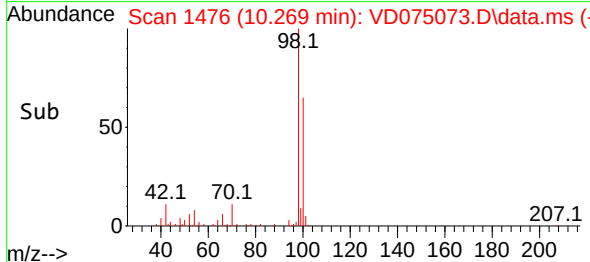
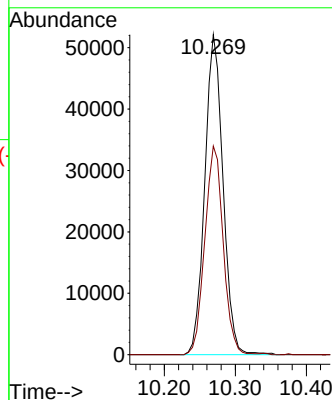
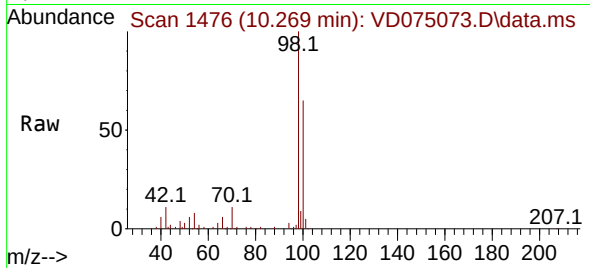




#50
Toluene-d8
Concen: 53.227 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075073.D
Acq: 28 Dec 2022 18:38

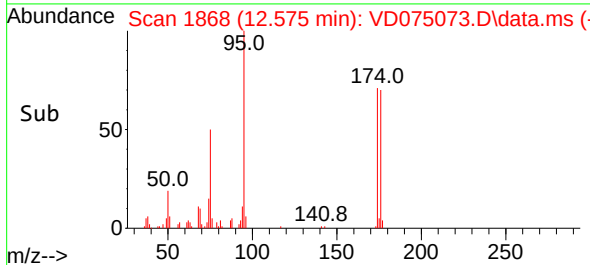
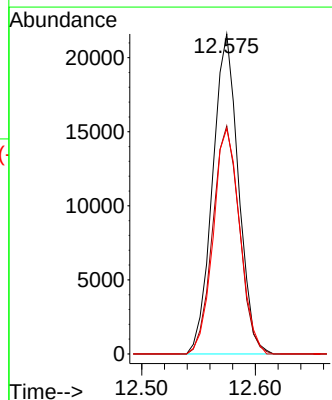
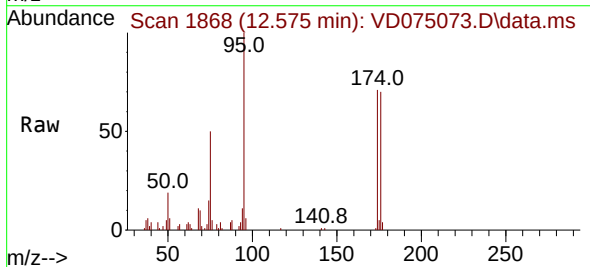
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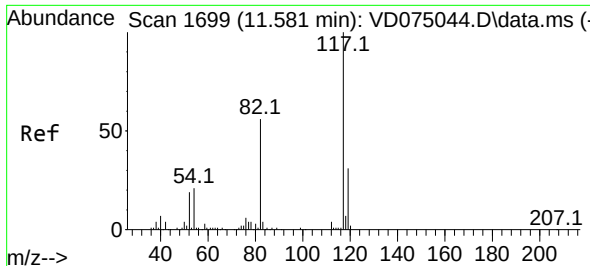
Tgt Ion: 98 Resp: 93085
Ion Ratio Lower Upper
98 100
100 65.8 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 60.277 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075073.D
Acq: 28 Dec 2022 18:38

Tgt Ion: 95 Resp: 34150
Ion Ratio Lower Upper
95 100
174 73.4 0.0 171.2
176 72.3 0.0 165.0

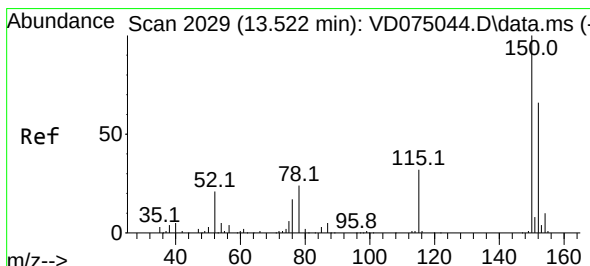
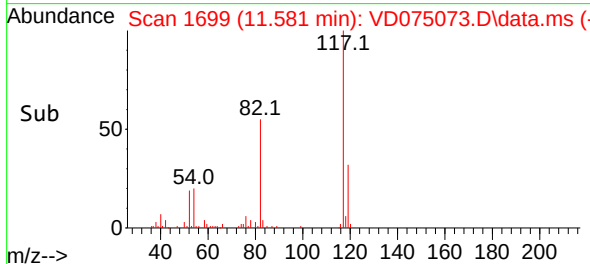
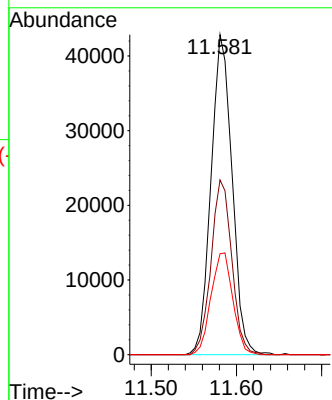
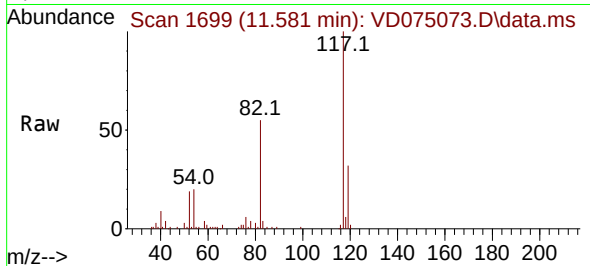




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD075073.D
Acq: 28 Dec 2022 18:38

Instrument :
MSVOA_D
ClientSampleId :
OK-3-122822

Tgt Ion:	117	Resp:	73467
Ion Ratio	Lower	Upper	
117	100		
82	54.6	40.9	61.3
119	31.6	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD075073.D
Acq: 28 Dec 2022 18:38

Tgt Ion:	152	Resp:	33492
Ion Ratio	Lower	Upper	
152	100		
115	60.7	28.8	86.5
150	155.3	0.0	354.2

