

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122822\
 Data File : VD075074.D
 Acq On : 28 Dec 2022 19:06
 Operator : KP/SY
 Sample : N6231-01
 Misc : 5.10G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-3S

Quant Time: Dec 29 03:54:14 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	114276	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	265486	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	239393	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	102820	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	73404	65.715	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	131.420%
35) Dibromofluoromethane	7.810	113	80708	51.662	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.320%
50) Toluene-d8	10.269	98	322040	51.018	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.040%
62) 4-Bromofluorobenzene	12.575	95	104322	51.015	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.040%

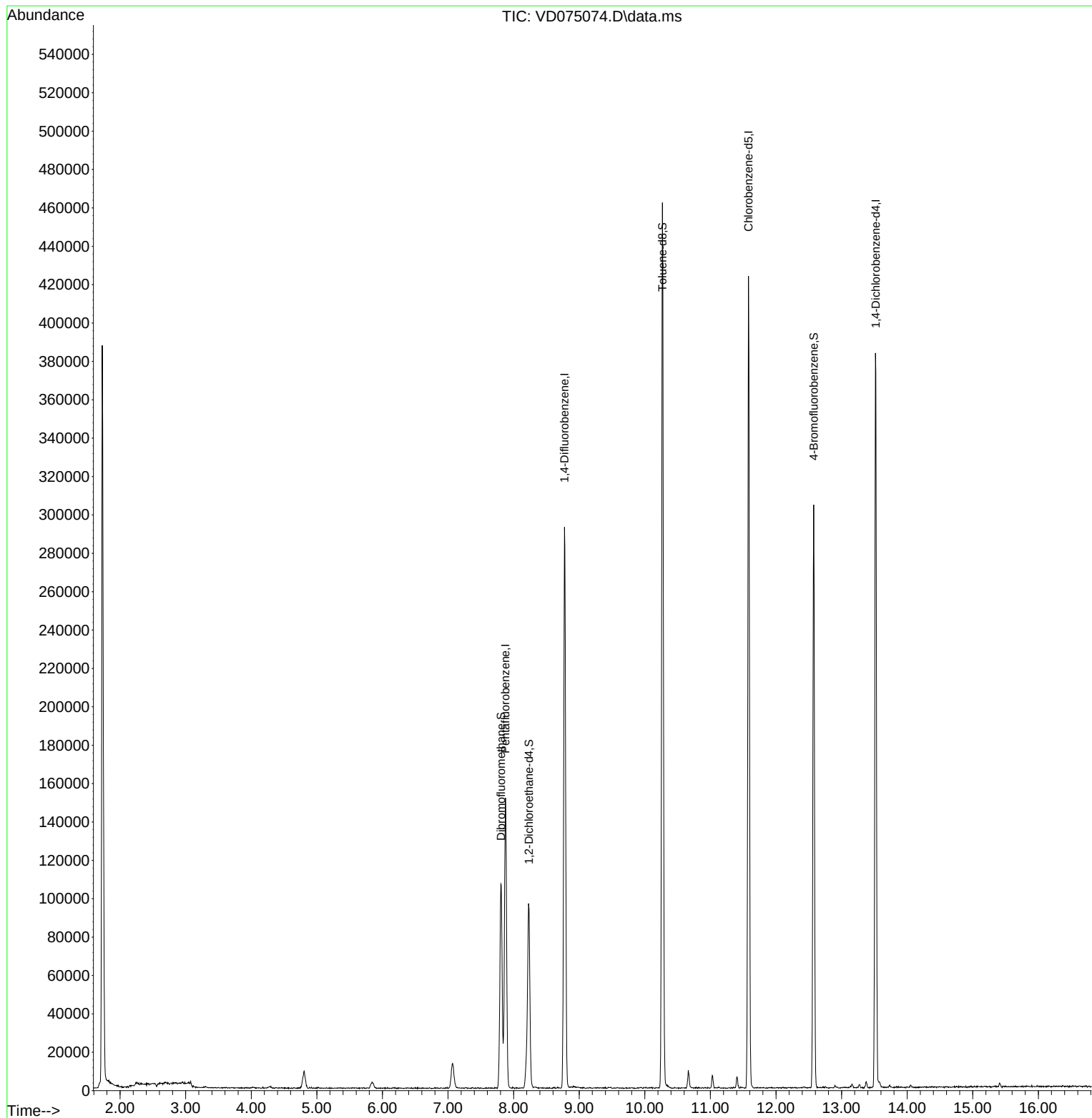
Target Compounds	Qvalue

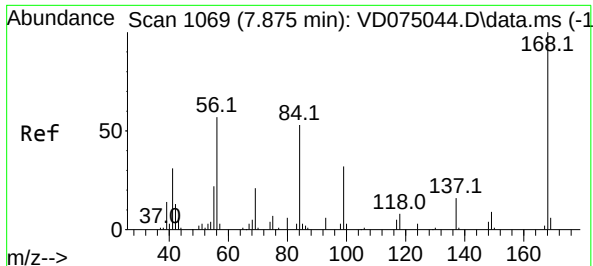
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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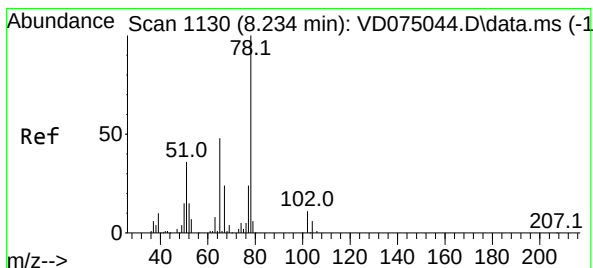
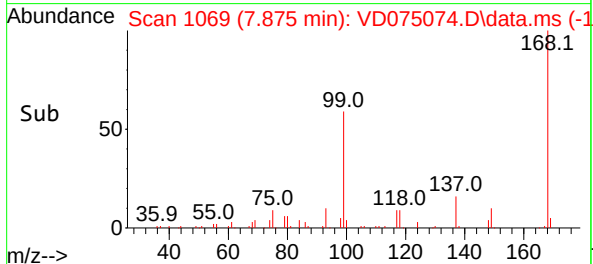
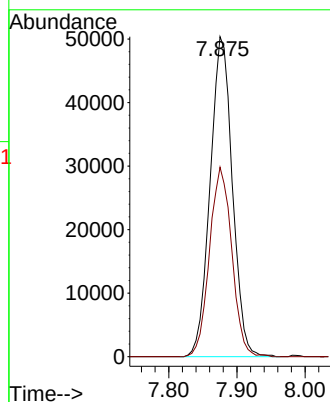
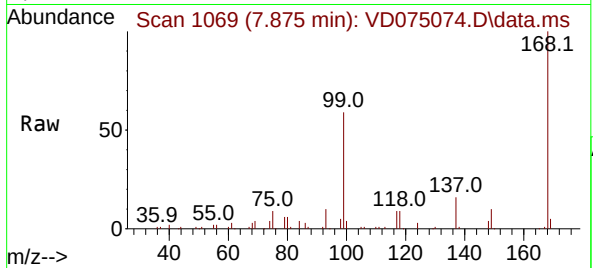




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075074.D
Acq: 28 Dec 2022 19:06

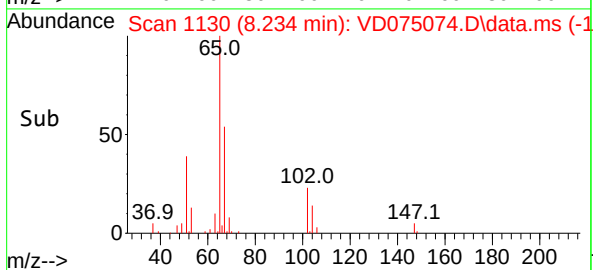
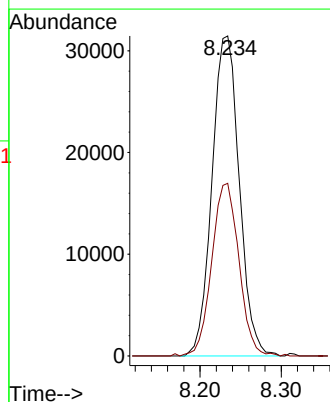
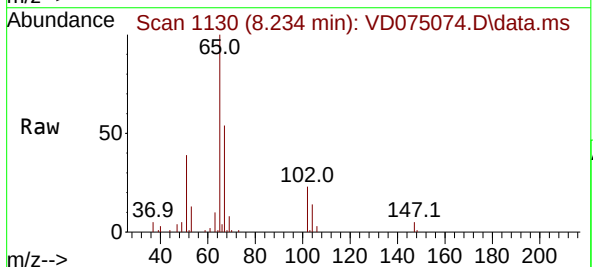
Instrument :
MSVOA_D
ClientSampleId :
TP-3S

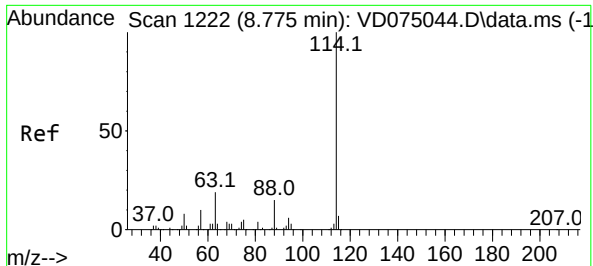
Tgt Ion:168 Resp: 114276
Ion Ratio Lower Upper
168 100
99 59.2 40.3 60.5



#33
1,2-Dichloroethane-d4
Concen: 65.715 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD075074.D
Acq: 28 Dec 2022 19:06

Tgt Ion: 65 Resp: 73404
Ion Ratio Lower Upper
65 100
67 53.8 0.0 111.2

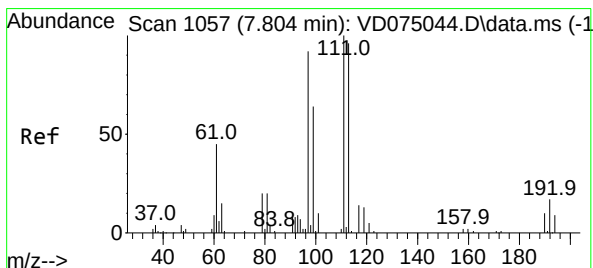
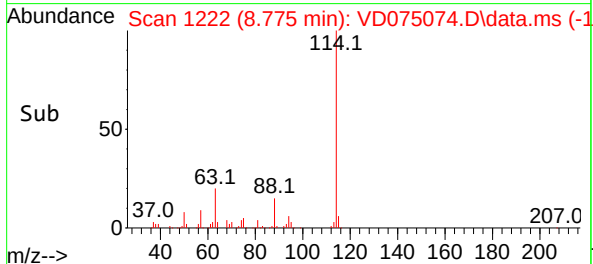
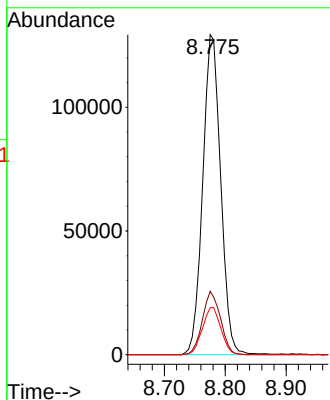
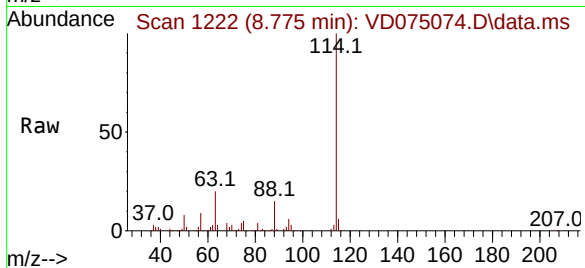




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075074.D
Acq: 28 Dec 2022 19:06

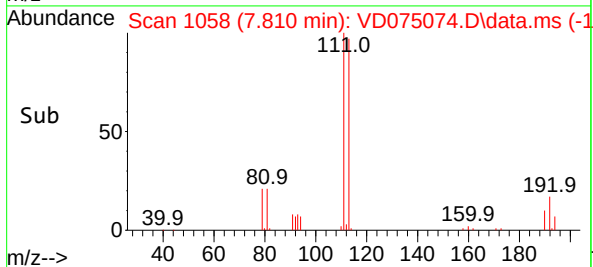
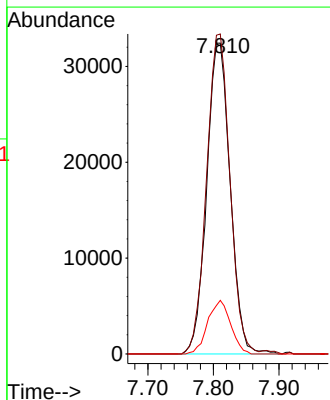
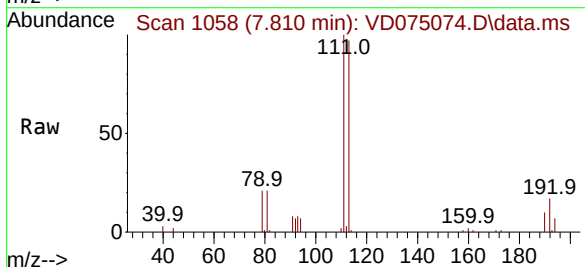
Instrument :
MSVOA_D
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TP-3S

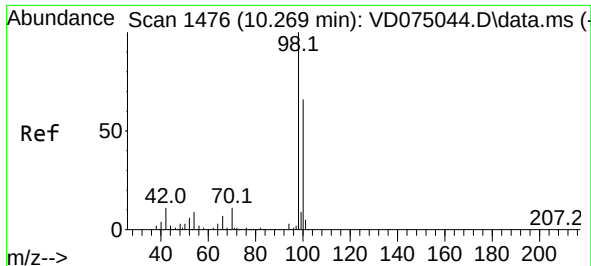
Tgt Ion:114 Resp: 265486
Ion Ratio Lower Upper
114 100
63 19.8 0.0 33.8
88 14.7 0.0 27.8



#35
Dibromofluoromethane
Concen: 51.662 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.005 min
Lab File: VD075074.D
Acq: 28 Dec 2022 19:06

Tgt Ion:113 Resp: 80708
Ion Ratio Lower Upper
113 100
111 102.3 82.1 123.1
192 16.8 15.1 22.7

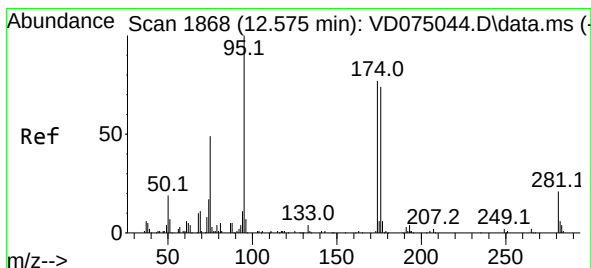
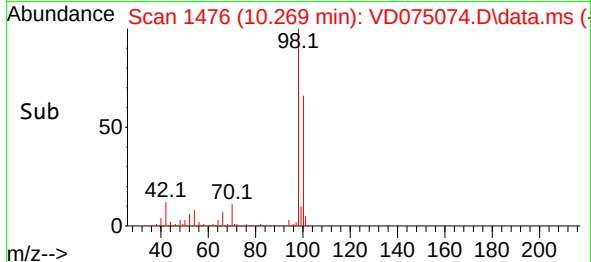
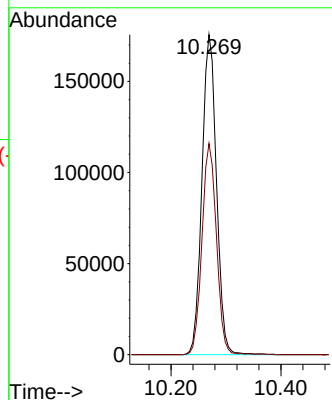
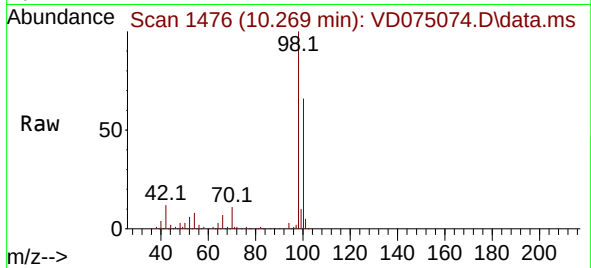




#50
Toluene-d8
Concen: 51.018 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075074.D
Acq: 28 Dec 2022 19:06

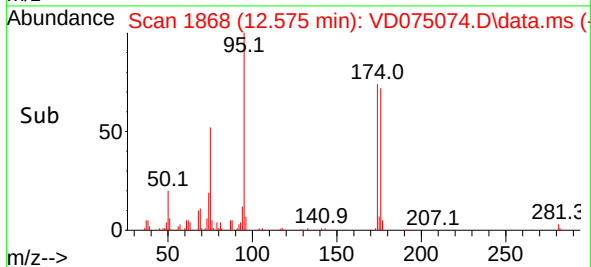
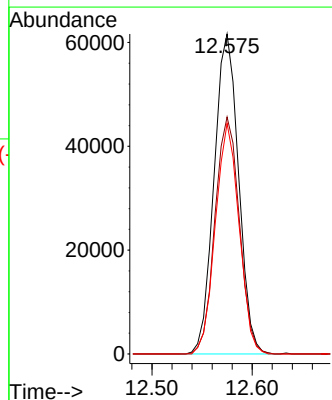
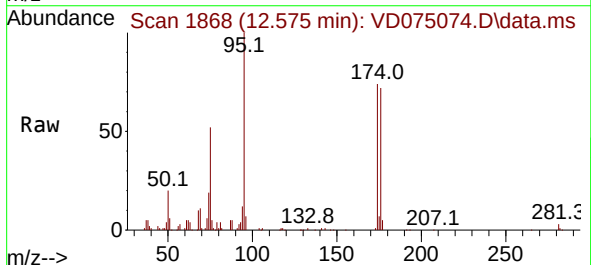
Instrument :
MSVOA_D
ClientSampleId :
TP-3S

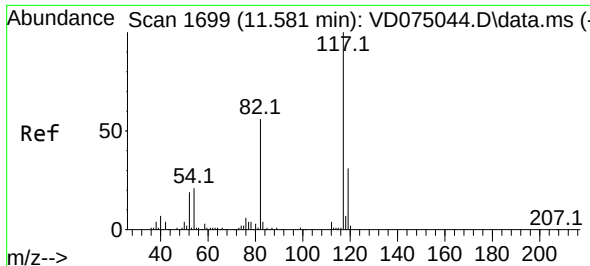
Tgt Ion: 98 Resp: 322040
Ion Ratio Lower Upper
98 100
100 65.9 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 51.015 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075074.D
Acq: 28 Dec 2022 19:06

Tgt Ion: 95 Resp: 104322
Ion Ratio Lower Upper
95 100
174 74.0 0.0 171.2
176 69.9 0.0 165.0

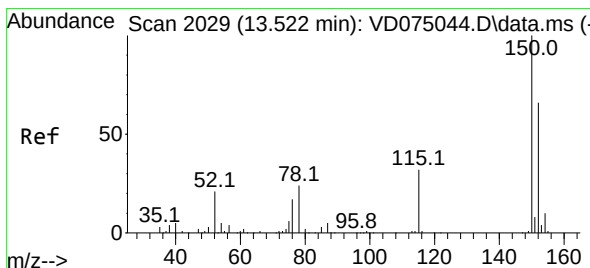
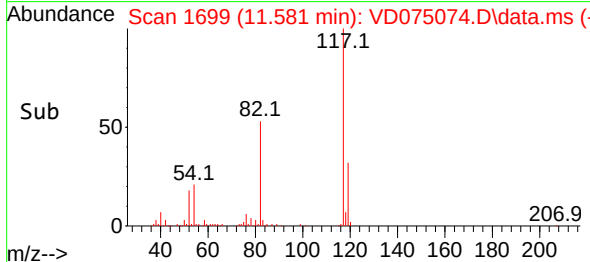
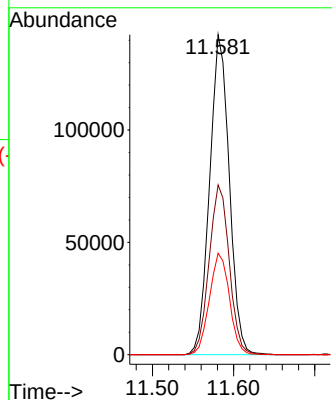
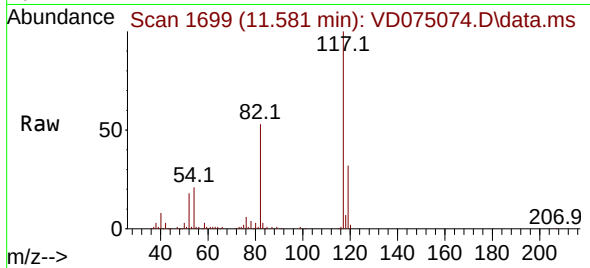




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD075074.D
Acq: 28 Dec 2022 19:06

Instrument :
MSVOA_D
ClientSampleId :
TP-3S

Tgt Ion:117 Resp: 239393
Ion Ratio Lower Upper
117 100
82 53.0 40.9 61.3
119 31.7 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: VD075074.D
Acq: 28 Dec 2022 19:06

Tgt Ion:152 Resp: 102820
Ion Ratio Lower Upper
152 100
115 60.3 28.8 86.5
150 153.9 0.0 354.2

