

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062023\
 Data File : VD076490.D
 Acq On : 20 Jun 2023 14:16
 Operator : KP/SY
 Sample : 03289-07
 Misc : 5.03G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-03-0-2.0

Quant Time: Jun 21 06:46:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 19 04:51:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	18655	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	34290	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	33898	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	16509	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	16901	90.425	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	180.840%#
35) Dibromofluoromethane	7.810	113	13054	64.083	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	128.160%
50) Toluene-d8	10.269	98	38479	49.808	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.620%
62) 4-Bromofluorobenzene	12.575	95	13747	54.829	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	109.660%

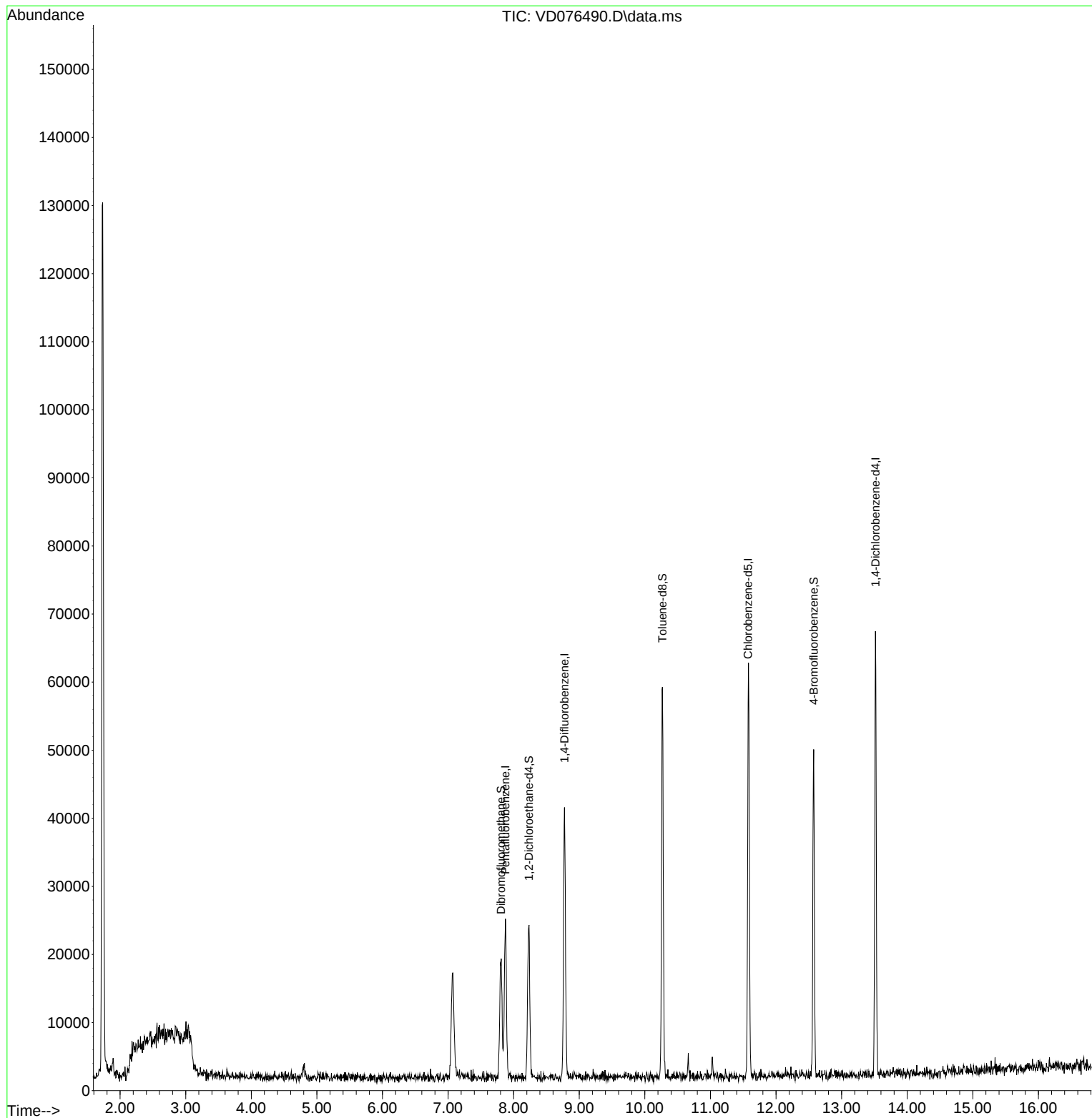
Target Compounds	Qvalue

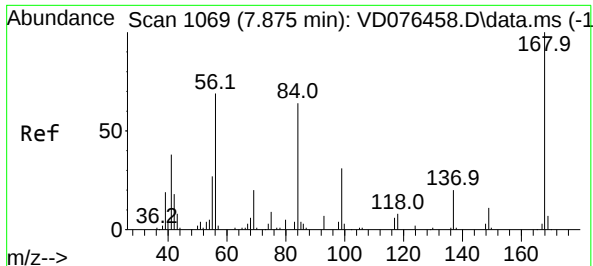
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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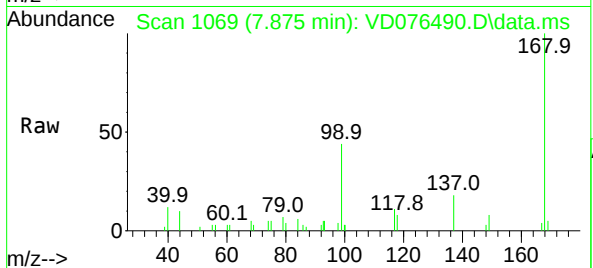
Quant Time: Jun 21 06:46:21 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
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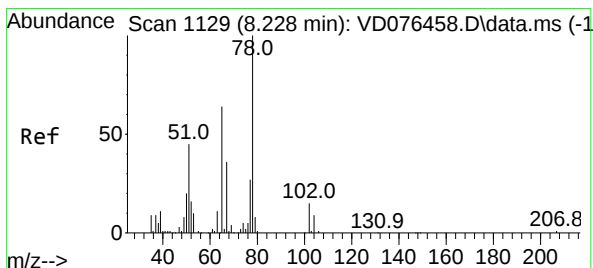
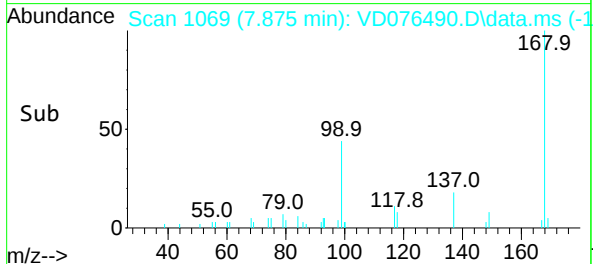
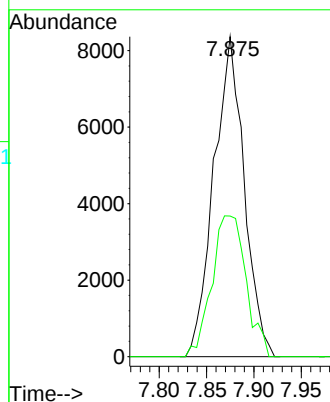


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD076490.D
Acq: 20 Jun 2023 14:16

Instrument :
MSVOA_D
ClientSampleId :
SB-03-0-2.0

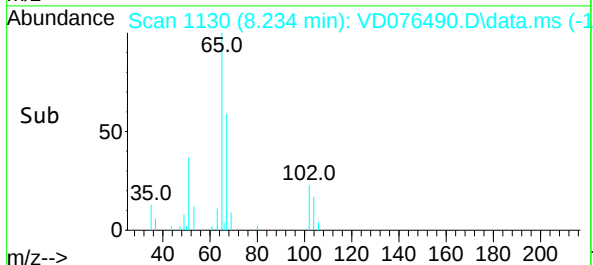
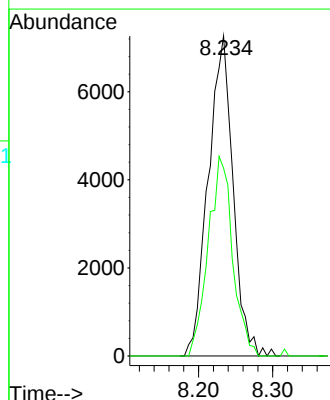
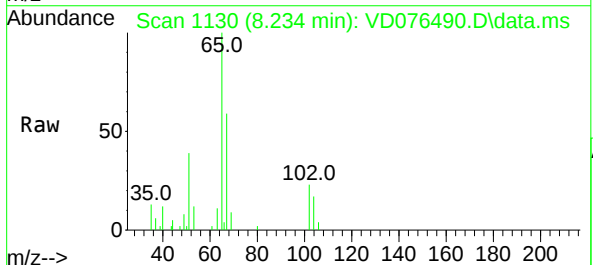


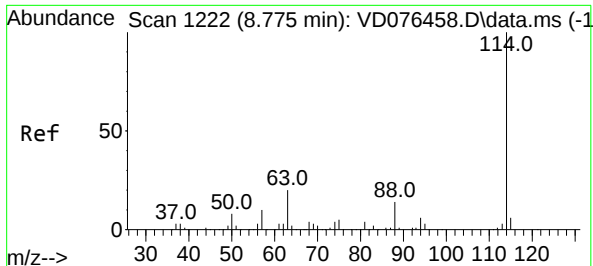
Tgt Ion:168 Resp: 18655
Ion Ratio Lower Upper
168 100
99 44.0 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 90.425 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD076490.D
Acq: 20 Jun 2023 14:16

Tgt Ion: 65 Resp: 16901
Ion Ratio Lower Upper
65 100
67 61.3 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD076490.D

Acq: 20 Jun 2023 14:16

Instrument :

MSVOA_D

ClientSampleId :

SB-03-0-2.0

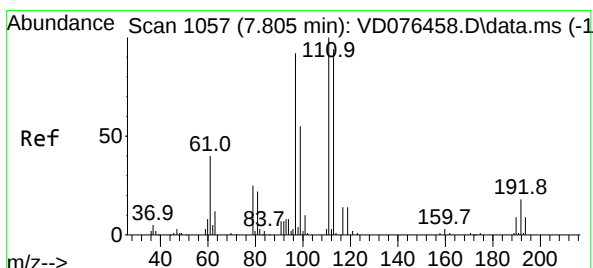
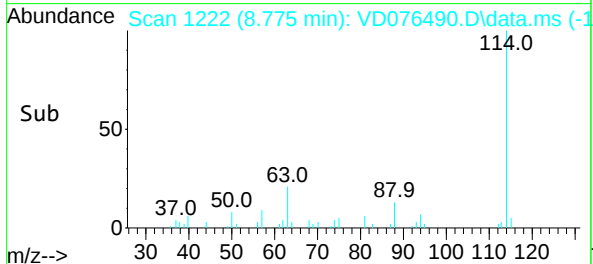
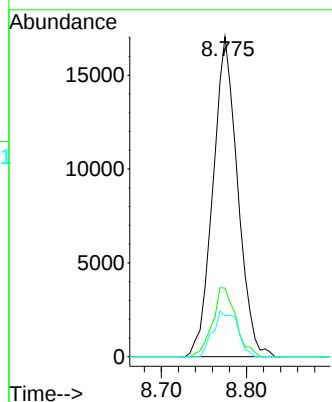
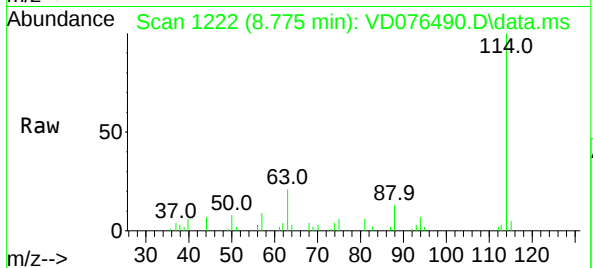
Tgt Ion:114 Resp: 34290

Ion Ratio Lower Upper

114 100

63 21.4 0.0 33.4

88 12.8 0.0 26.2



#35

Dibromofluoromethane

Concen: 64.083 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD076490.D

Acq: 20 Jun 2023 14:16

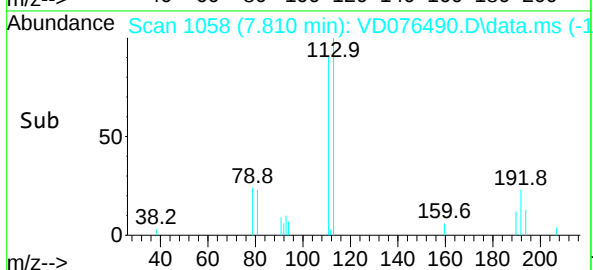
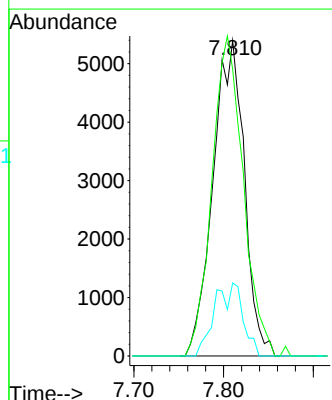
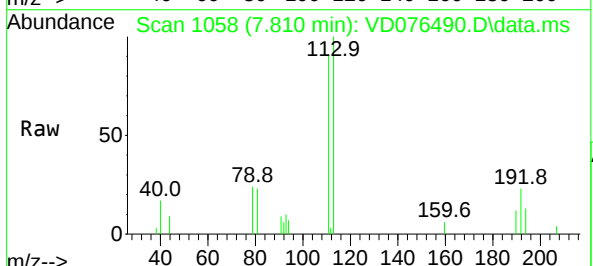
Tgt Ion:113 Resp: 13054

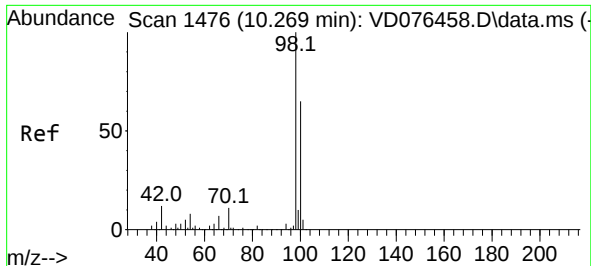
Ion Ratio Lower Upper

113 100

111 101.1 84.7 127.1

192 11.1 16.8 25.2#

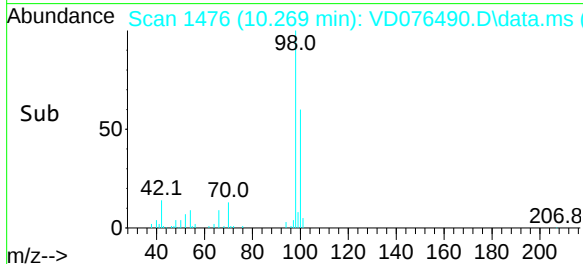
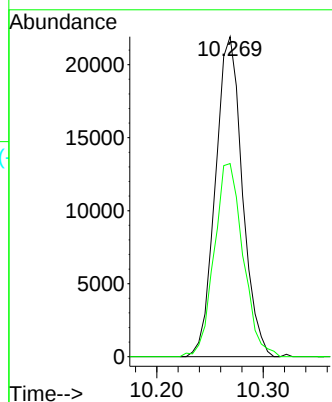
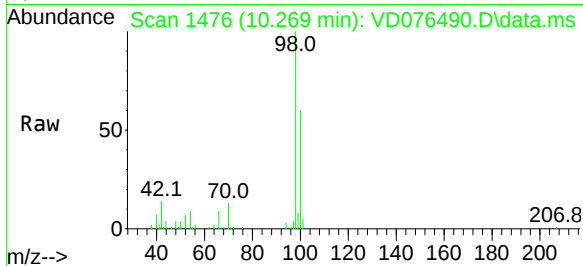




#50
Toluene-d8
Concen: 49.808 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076490.D
Acq: 20 Jun 2023 14:16

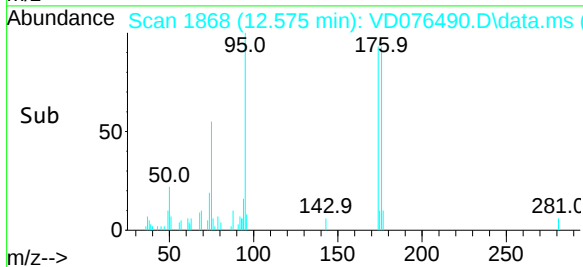
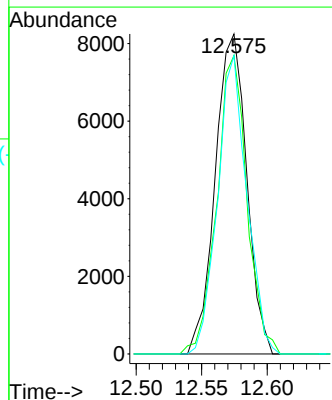
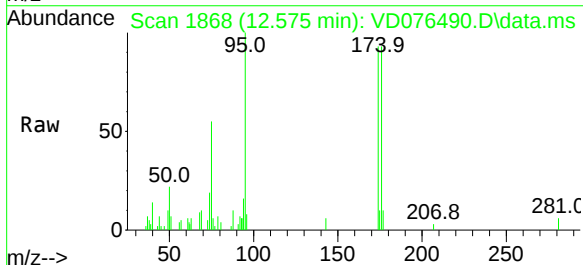
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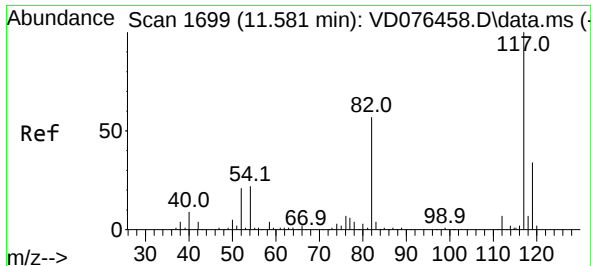
Tgt Ion: 98 Resp: 38479
Ion Ratio Lower Upper
98 100
100 64.7 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 54.829 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076490.D
Acq: 20 Jun 2023 14:16

Tgt Ion: 95 Resp: 13747
Ion Ratio Lower Upper
95 100
174 89.5 0.0 201.8
176 86.8 0.0 191.8

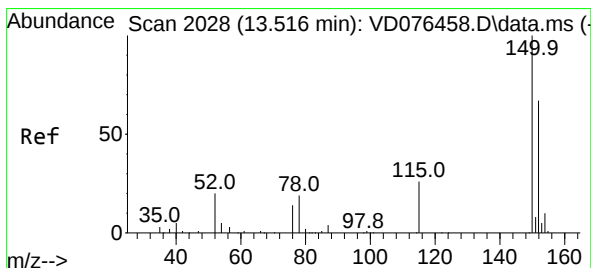
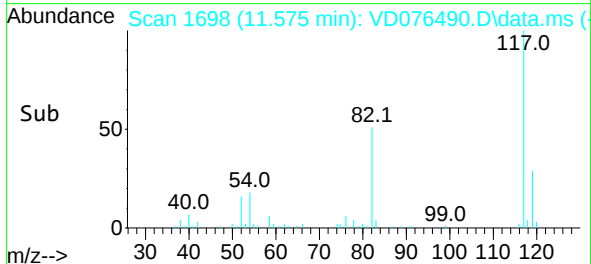
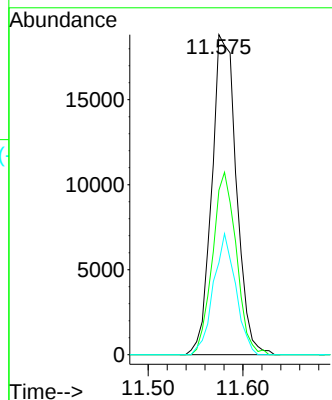
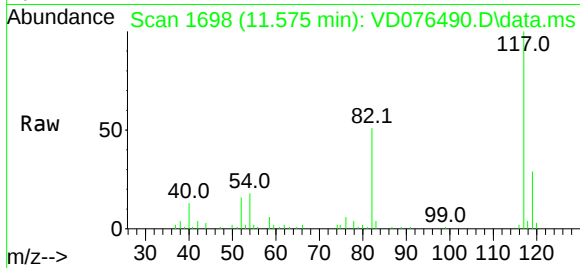




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.575 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD076490.D
Acq: 20 Jun 2023 14:16

Instrument :
MSVOA_D
ClientSampleId :
SB-03-0-2.0

Tgt Ion	Ratio	Lower	Upper
117	100		
82	51.4	38.3	57.5
119	28.7	25.0	37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD076490.D
Acq: 20 Jun 2023 14:16

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.5	27.1	81.3
150	151.9	0.0	353.6

