

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062023\
 Data File : VD076500.D
 Acq On : 20 Jun 2023 19:18
 Operator : KP/SY
 Sample : 03335-01
 Misc : 5.01G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 NB-7-061923

Quant Time: Jun 21 06:50:14 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	7.869	168	3660	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	7120	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	6767	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	3562	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	3419	93.237	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	186.480%#
35) Dibromofluoromethane	7.810	113	2504	59.200	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	118.400%
50) Toluene-d8	10.269	98	7584	47.278	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.560%
62) 4-Bromofluorobenzene	12.575	95	3206	61.582	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	123.160%

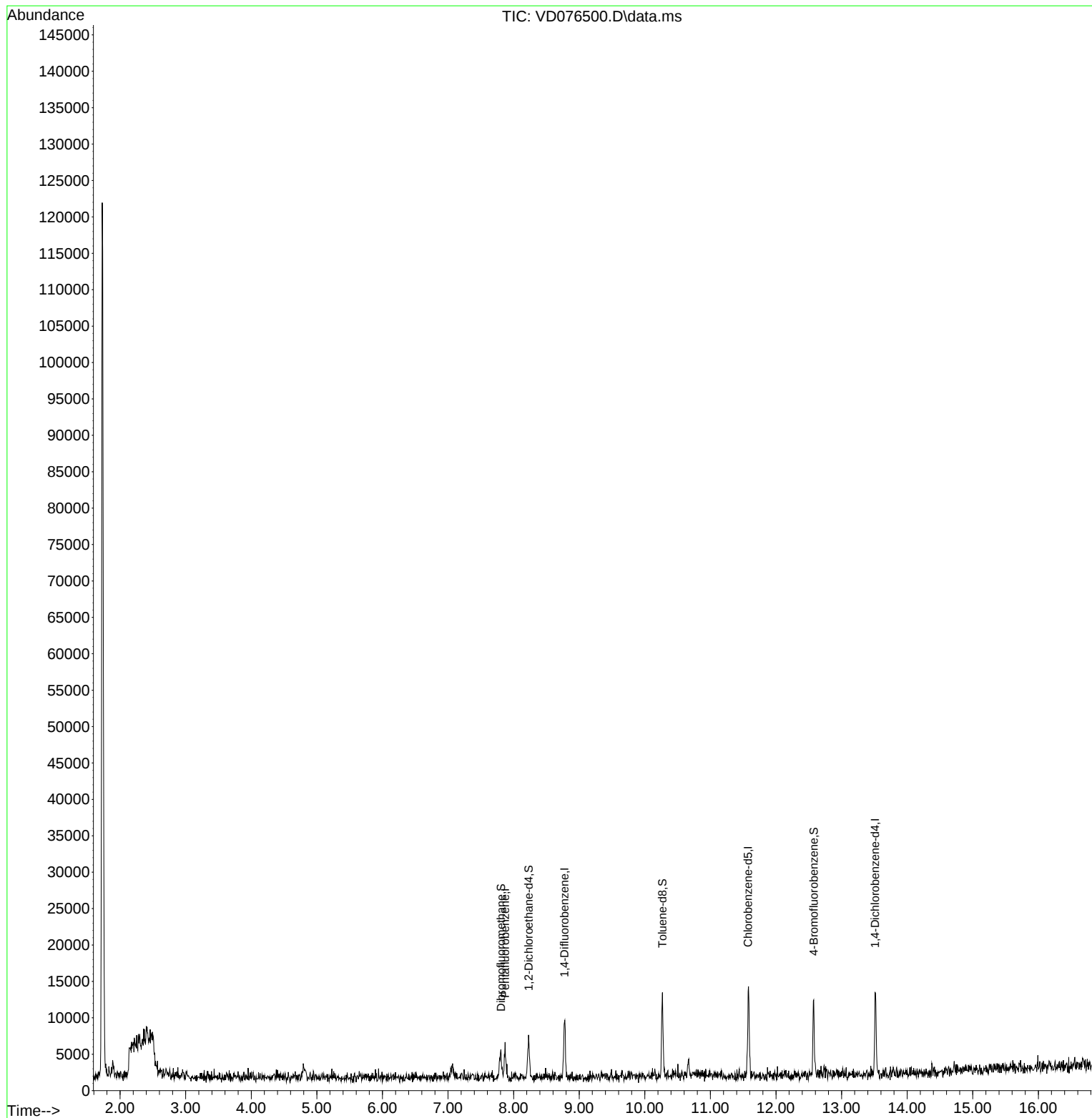
Target Compounds	Qvalue

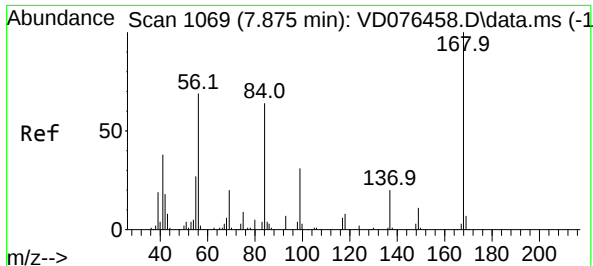
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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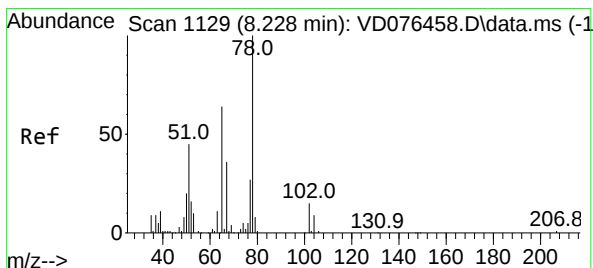
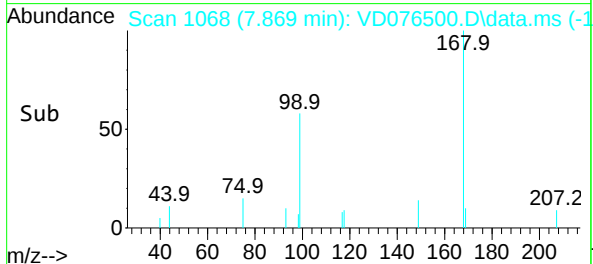
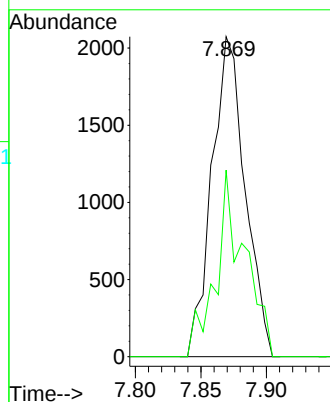
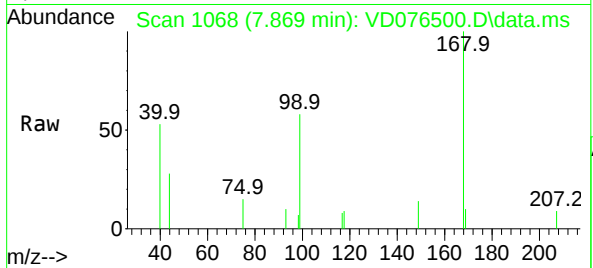




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD076500.D
Acq: 20 Jun 2023 19:18

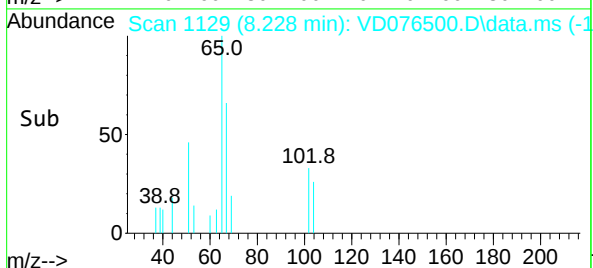
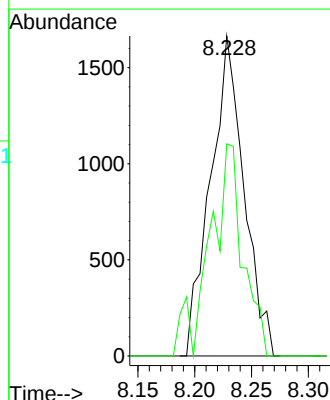
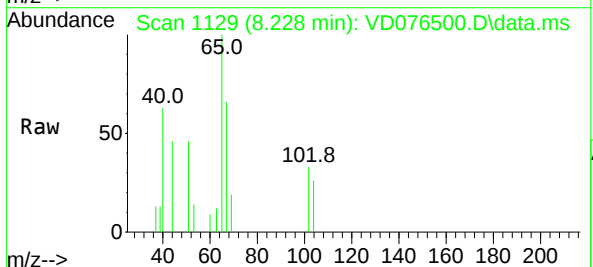
Instrument :
MSVOA_D
ClientSampleId :
NB-7-061923

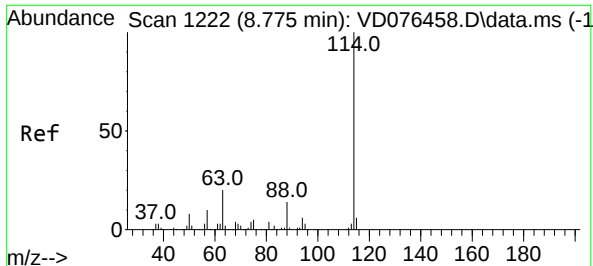
Tgt Ion:168 Resp: 3660
Ion Ratio Lower Upper
168 100
99 58.3 36.7 55.1#



#33
1,2-Dichloroethane-d4
Concen: 93.237 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076500.D
Acq: 20 Jun 2023 19:18

Tgt Ion: 65 Resp: 3419
Ion Ratio Lower Upper
65 100
67 60.5 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: VD076500.D

Acq: 20 Jun 2023 19:18

Instrument :

MSVOA_D

ClientSampleId :

NB-7-061923

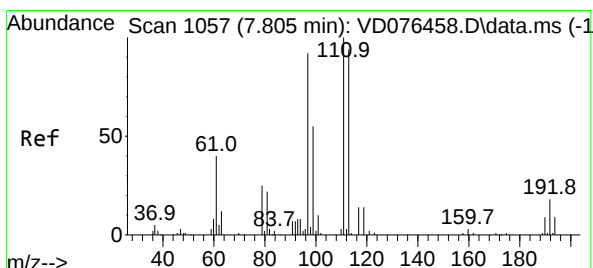
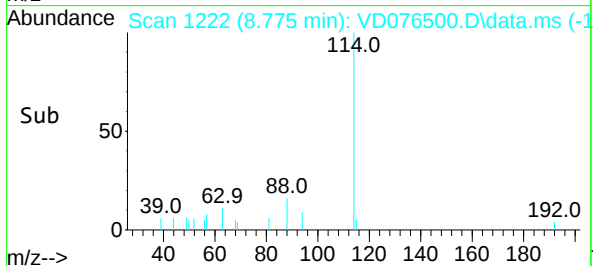
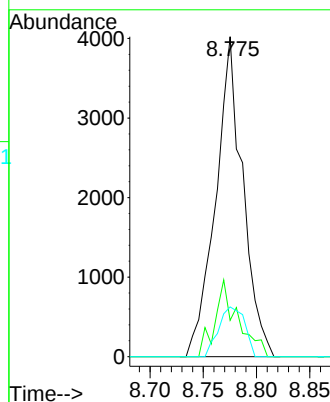
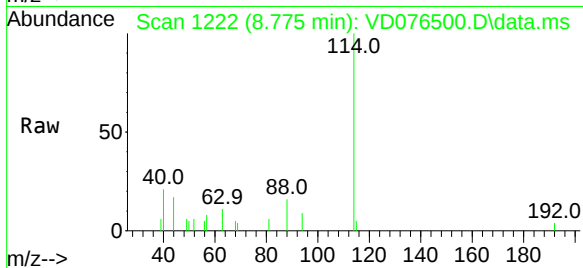
Tgt Ion:114 Resp: 7120

Ion Ratio Lower Upper

114 100

63 11.4 0.0 33.4

88 15.6 0.0 26.2



#35

Dibromofluoromethane

Concen: 59.200 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD076500.D

Acq: 20 Jun 2023 19:18

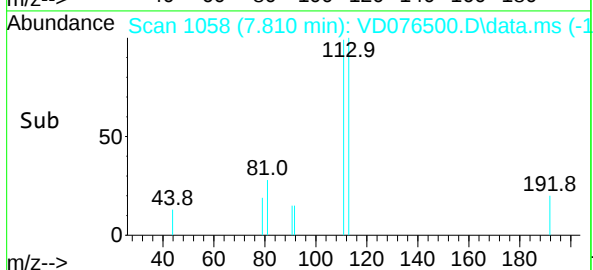
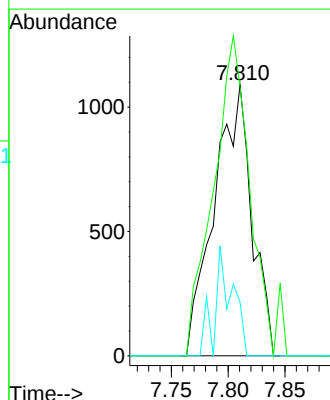
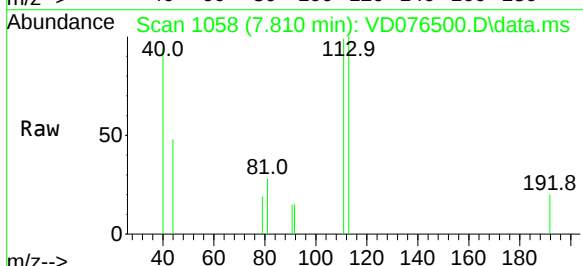
Tgt Ion:113 Resp: 2504

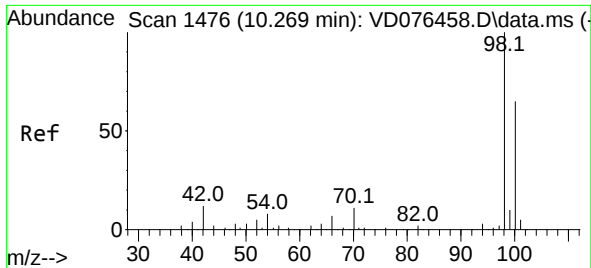
Ion Ratio Lower Upper

113 100

111 113.5 84.7 127.1

192 19.3 16.8 25.2

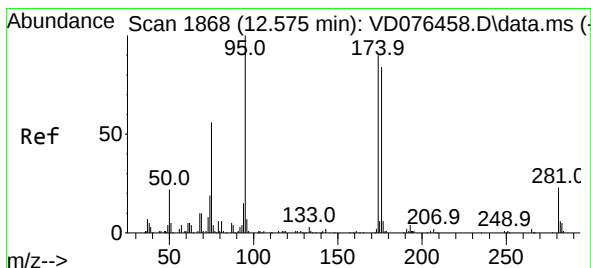
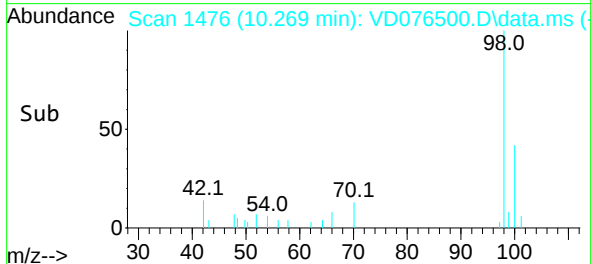
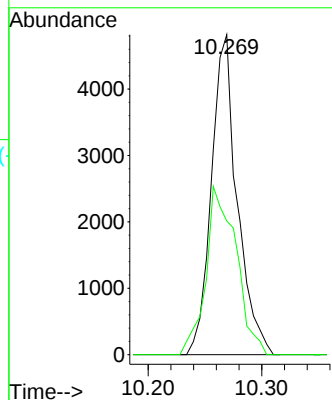
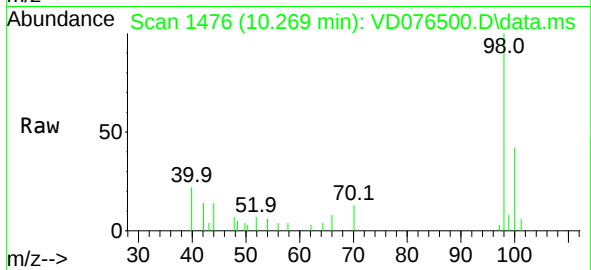




#50
Toluene-d8
Concen: 47.278 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076500.D
Acq: 20 Jun 2023 19:18

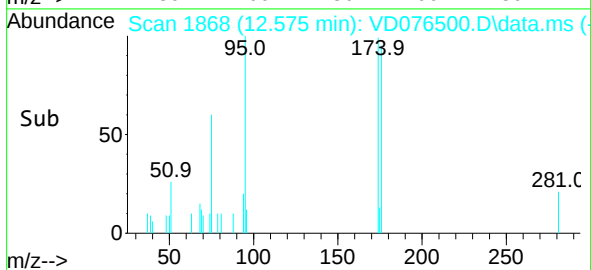
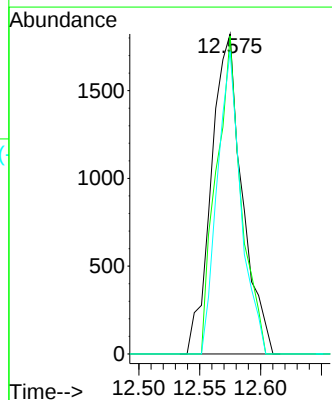
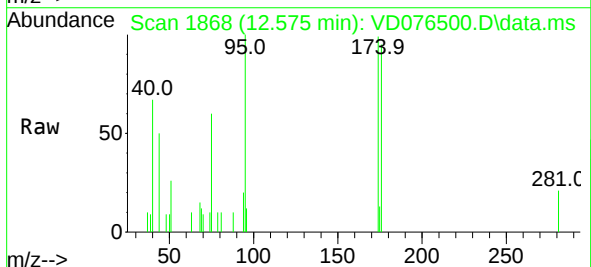
Instrument :
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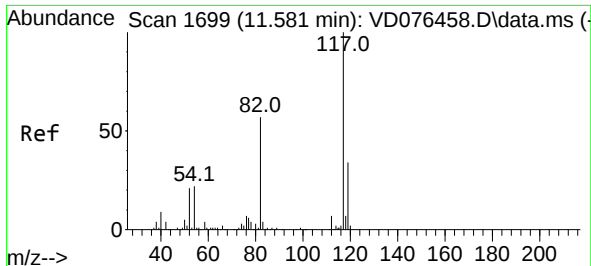
Tgt Ion: 98 Resp: 7584
Ion Ratio Lower Upper
98 100
100 61.7 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 61.582 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD076500.D
Acq: 20 Jun 2023 19:18

Tgt Ion: 95 Resp: 3206
Ion Ratio Lower Upper
95 100
174 80.4 0.0 201.8
176 73.0 0.0 191.8

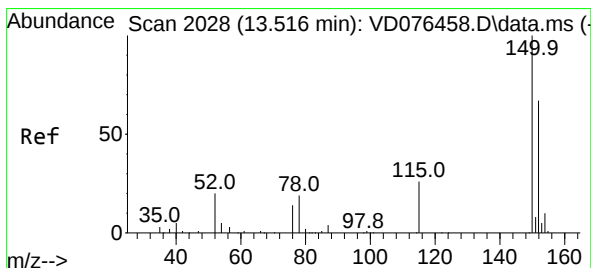
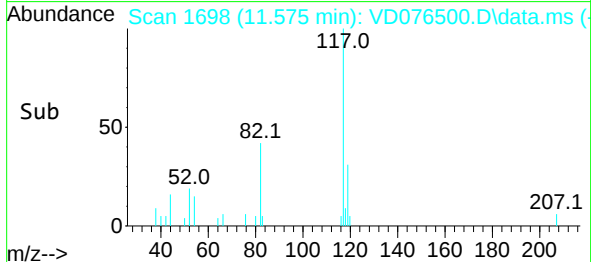
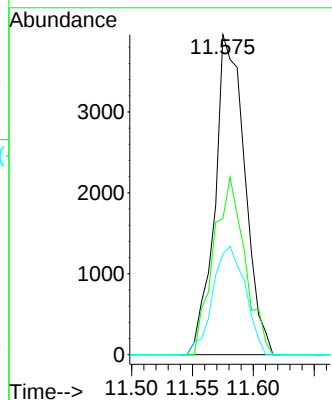
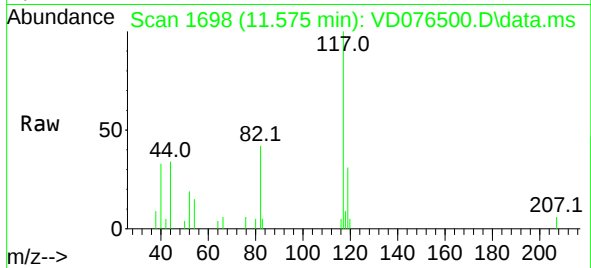




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.575 min Scan# 1698
Delta R.T. -0.006 min
Lab File: VD076500.D
Acq: 20 Jun 2023 19:18

Instrument :
MSVOA_D
ClientSampleId :
NB-7-061923

Tgt Ion:117 Resp: 6767
Ion Ratio Lower Upper
117 100
82 42.5 38.3 57.5
119 31.5 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.510 min Scan# 2027
Delta R.T. -0.006 min
Lab File: VD076500.D
Acq: 20 Jun 2023 19:18

Tgt Ion:152 Resp: 3562
Ion Ratio Lower Upper
152 100
115 56.6 27.1 81.3
150 139.7 0.0 353.6

