

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012423\
 Data File : VD075190.D
 Acq On : 24 Jan 2023 16:26
 Operator : KP/SY
 Sample : 01266-01
 Misc : 5.90G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-219

Quant Time: Jan 25 00:33:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 19 01:32:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	78117	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	155780	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	143356	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	59532	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	41782	52.416	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.840%
35) Dibromofluoromethane	7.810	113	45050	47.858	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.720%
50) Toluene-d8	10.269	98	192273	51.876	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.760%
62) 4-Bromofluorobenzene	12.575	95	58060	49.359	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.720%

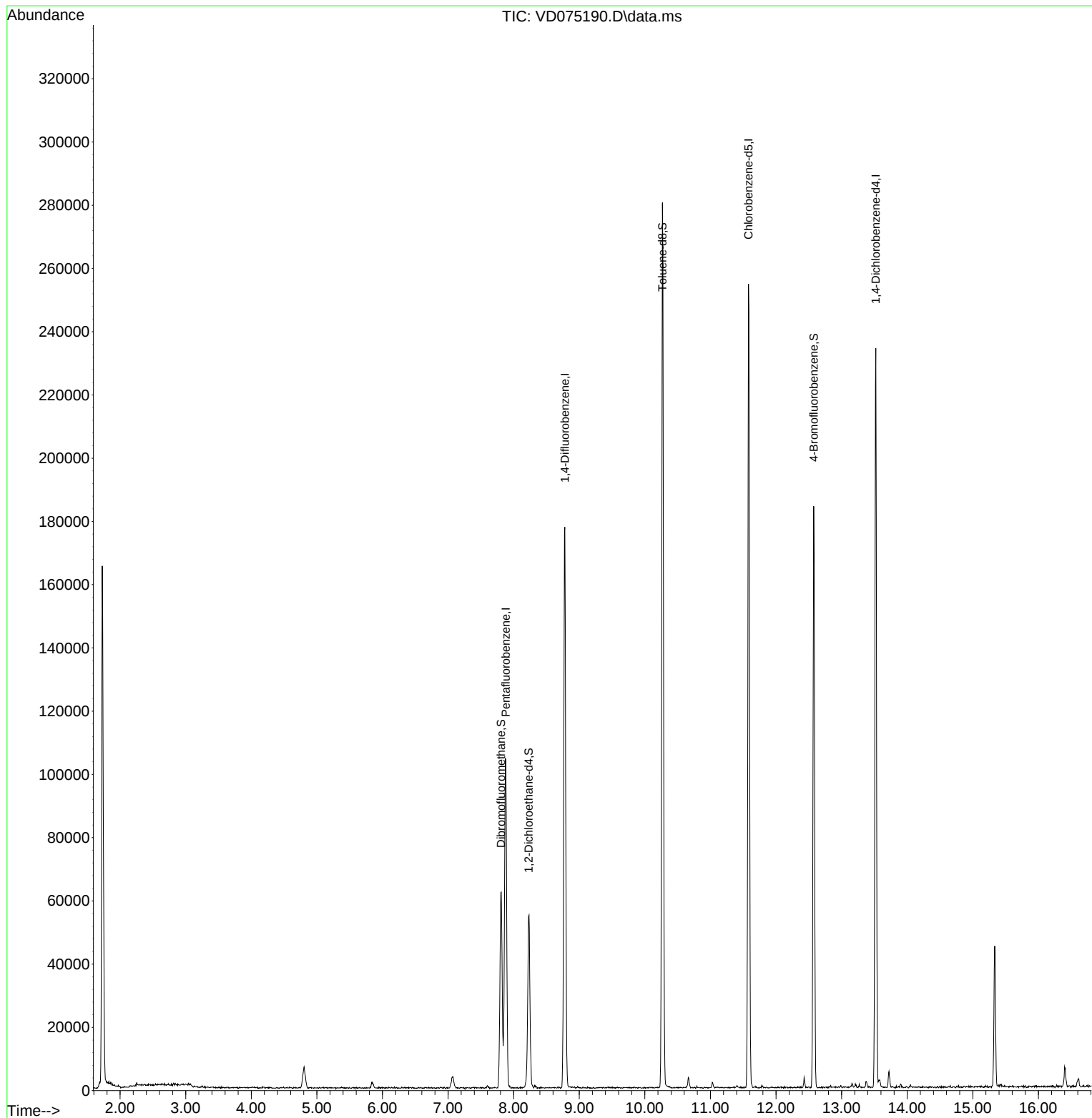
Target Compounds	Qvalue

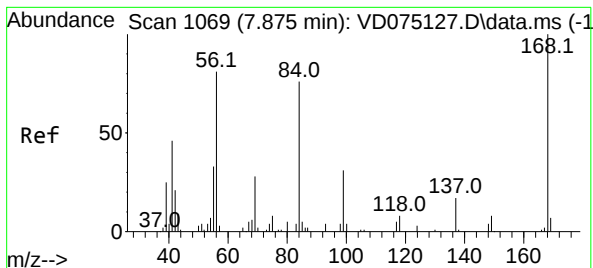
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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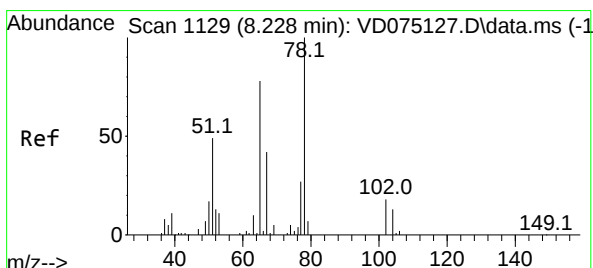
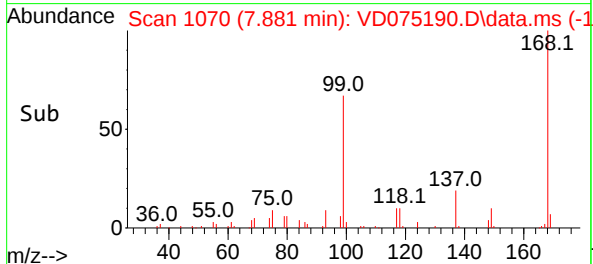
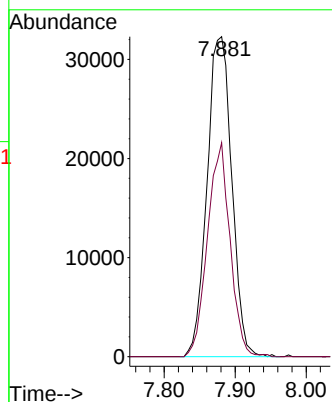
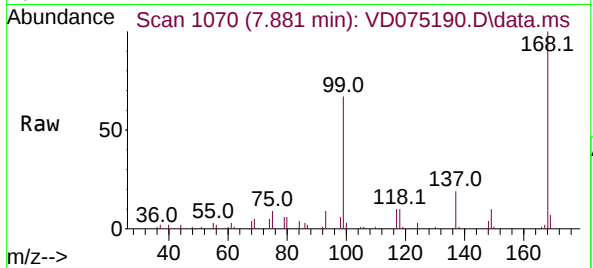




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD075190.D
Acq: 24 Jan 2023 16:26

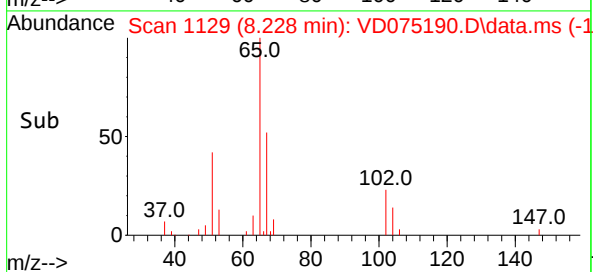
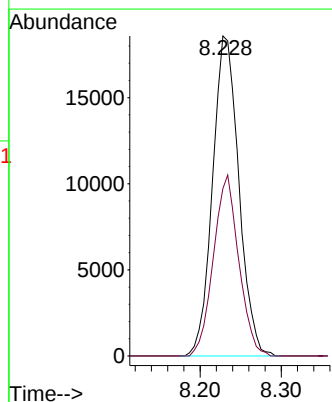
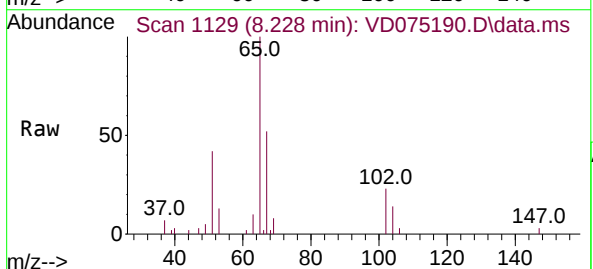
Instrument :
MSVOA_D
ClientSampleId :
VNJ-219

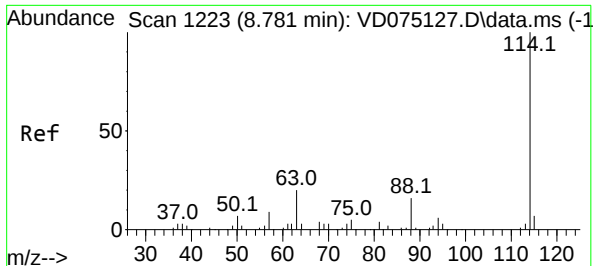
Tgt Ion:168 Resp: 78117
Ion Ratio Lower Upper
168 100
99 66.8 45.2 67.8



#33
1,2-Dichloroethane-d4
Concen: 52.416 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD075190.D
Acq: 24 Jan 2023 16:26

Tgt Ion: 65 Resp: 41782
Ion Ratio Lower Upper
65 100
67 54.4 0.0 105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD075190.D

Acq: 24 Jan 2023 16:26

Instrument :

MSVOA_D

ClientSampleId :

VNJ-219

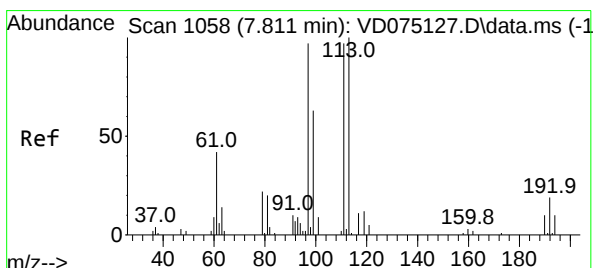
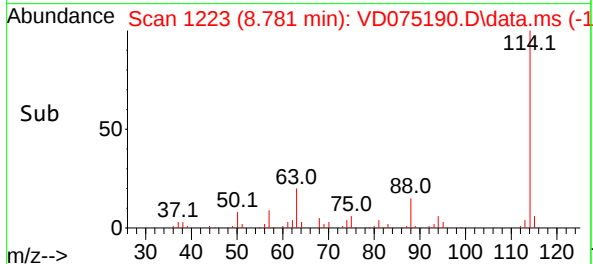
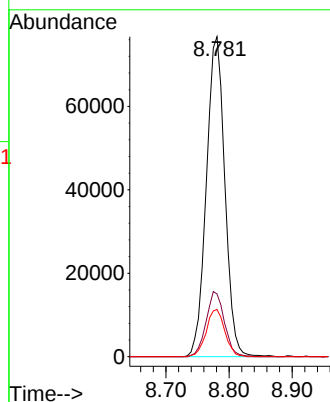
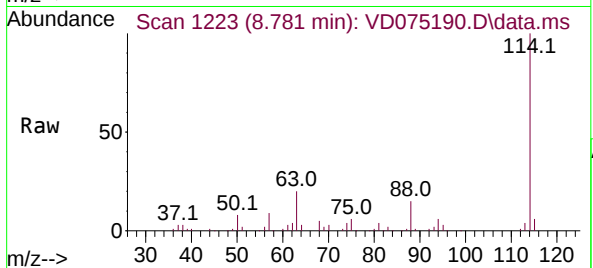
Tgt Ion:114 Resp: 155780

Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.2

88 14.8 0.0 32.2



#35

Dibromofluoromethane

Concen: 47.858 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VD075190.D

Acq: 24 Jan 2023 16:26

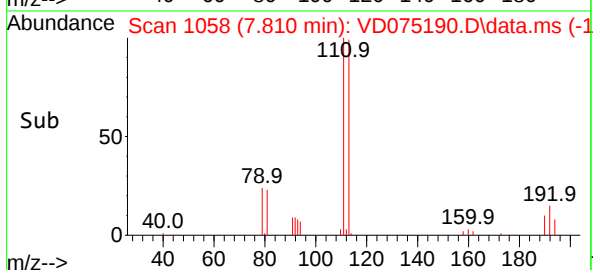
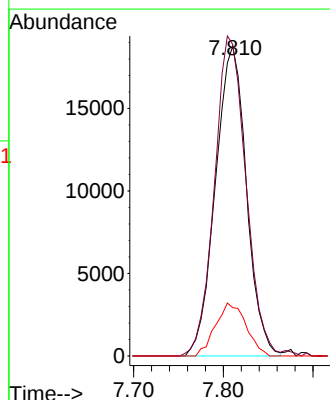
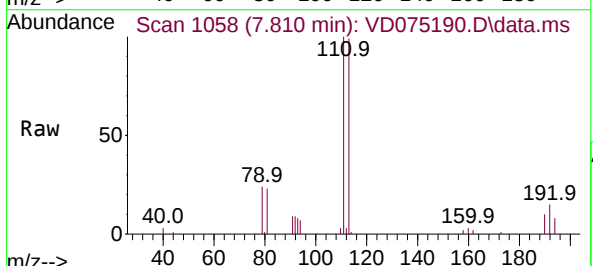
Tgt Ion:113 Resp: 45050

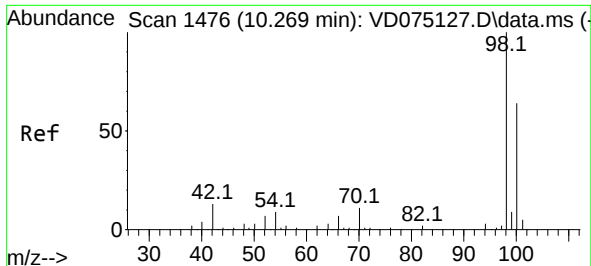
Ion Ratio Lower Upper

113 100

111 105.0 80.1 120.1

192 16.8 15.4 23.0

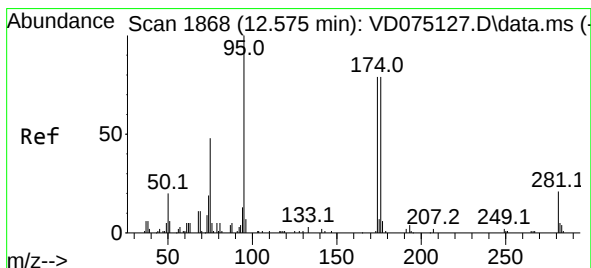
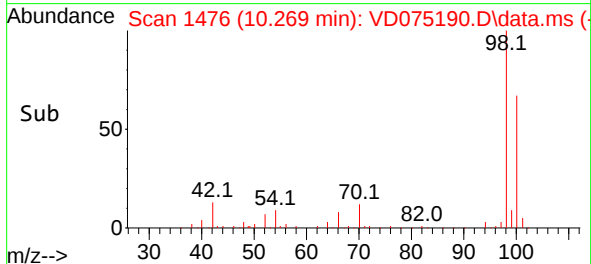
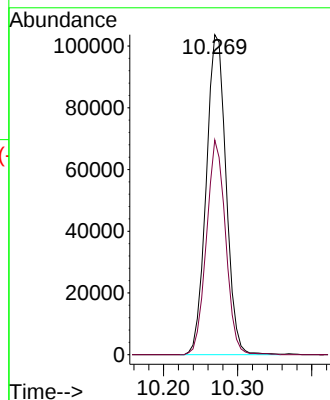
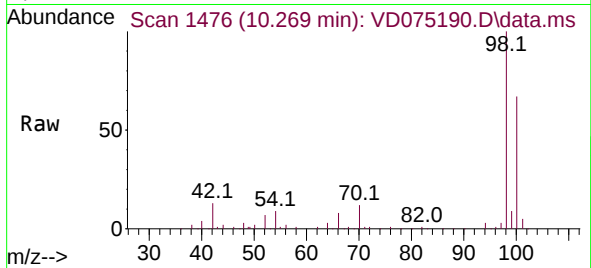




#50
Toluene-d8
Concen: 51.876 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075190.D
Acq: 24 Jan 2023 16:26

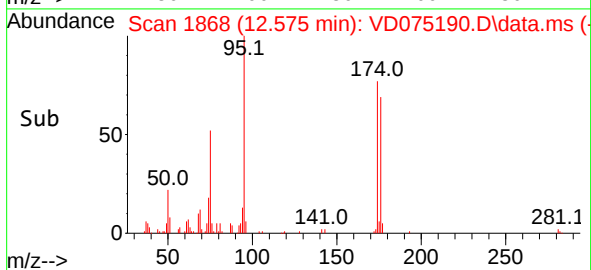
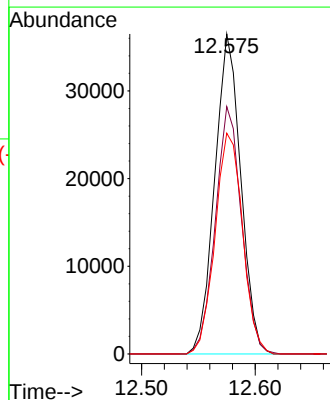
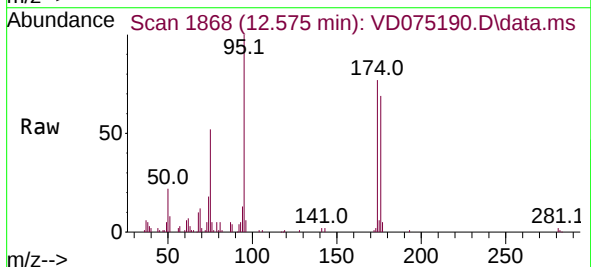
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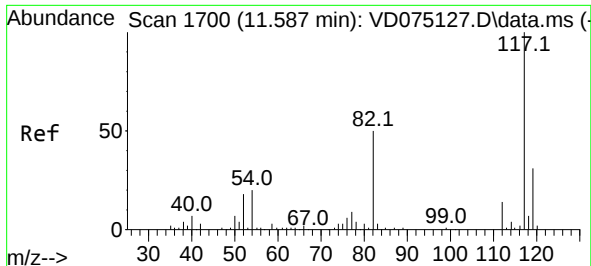
Tgt Ion: 98 Resp: 192273
Ion Ratio Lower Upper
98 100
100 64.8 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 49.359 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075190.D
Acq: 24 Jan 2023 16:26

Tgt Ion: 95 Resp: 58060
Ion Ratio Lower Upper
95 100
174 77.6 0.0 161.2
176 73.0 0.0 160.2

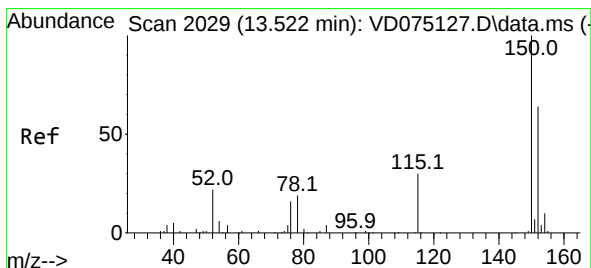
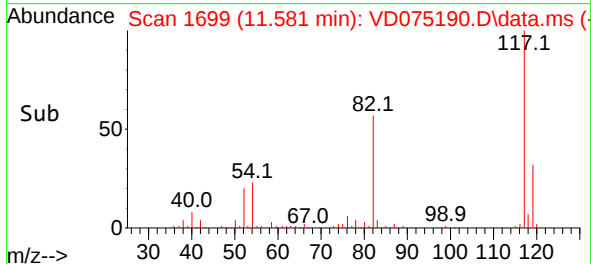
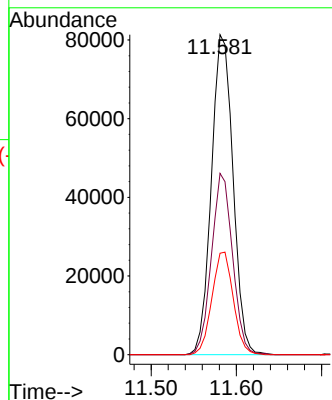
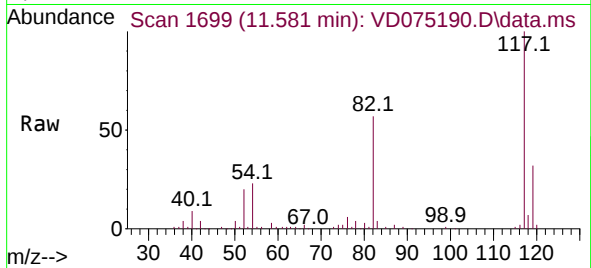




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VD075190.D
Acq: 24 Jan 2023 16:26

Instrument :
MSVOA_D
ClientSampleId :
VNJ-219

Tgt Ion:117 Resp: 143356
Ion Ratio Lower Upper
117 100
82 56.6 39.6 59.4
119 31.7 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075190.D
Acq: 24 Jan 2023 16:26

Tgt Ion:152 Resp: 59532
Ion Ratio Lower Upper
152 100
115 61.6 28.8 86.4
150 156.0 0.0 348.6

