

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020923\
 Data File : VD075294.D
 Acq On : 09 Feb 2023 15:07
 Operator : KP/SY
 Sample : 01481-05
 Misc : 4.99G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 JPP-42-020723

Quant Time: Feb 10 02:02:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 04:26:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	66019	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	124742	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	119852	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	52259	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	37932	49.000	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.000%
35) Dibromofluoromethane	7.810	113	38834	44.398	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.800%
50) Toluene-d8	10.275	98	151449	45.657	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.320%
62) 4-Bromofluorobenzene	12.575	95	49304	45.077	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.160%

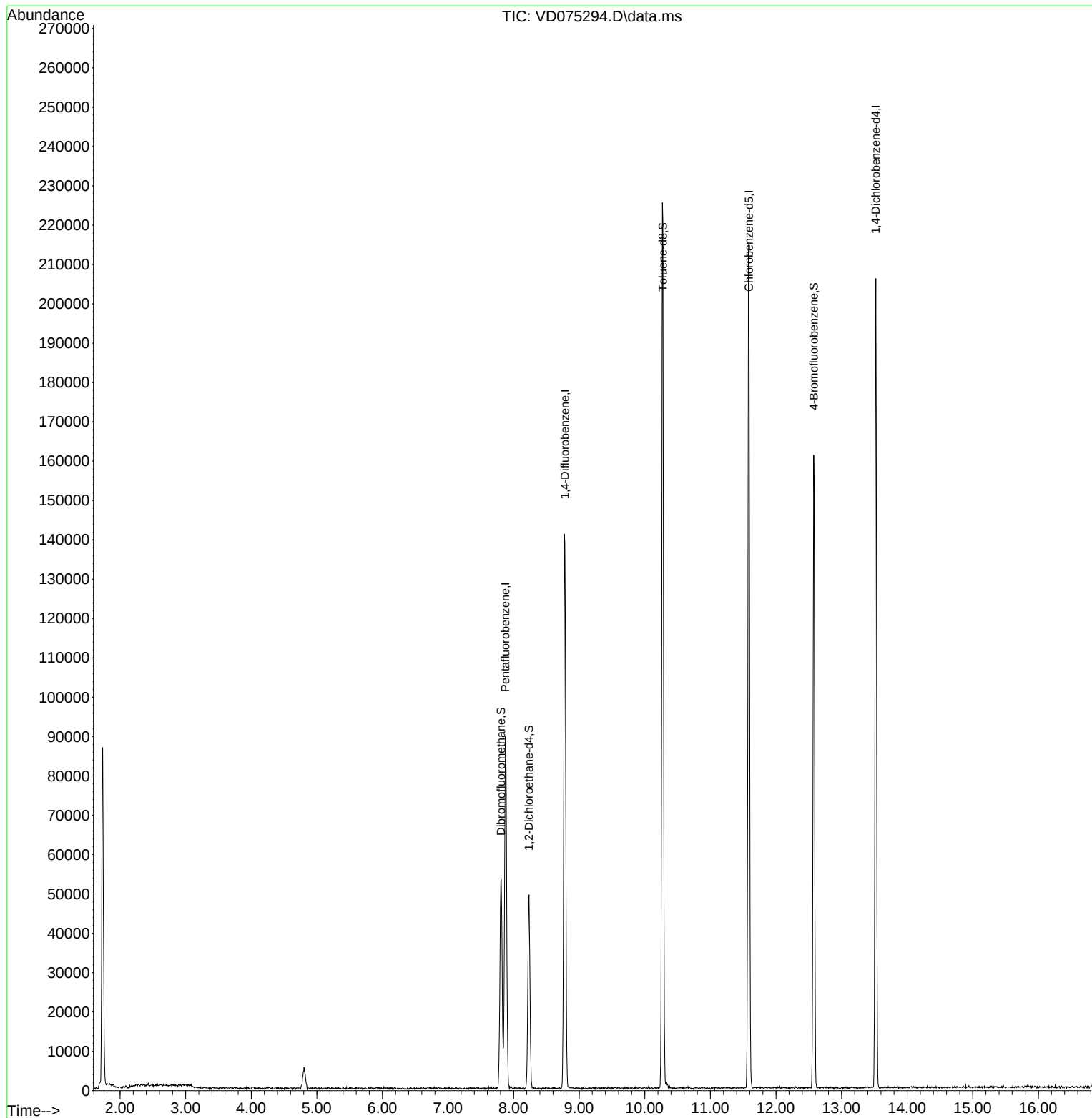
Target Compounds	Qvalue

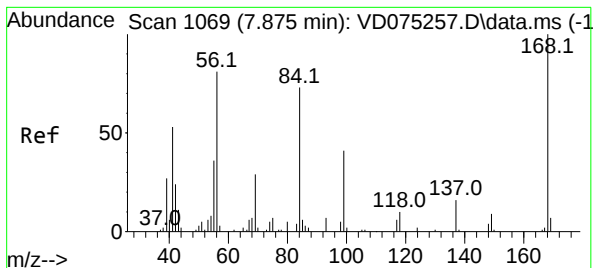
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD075294.D

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Instrument :

MSVOA_D

ClientSampleId :

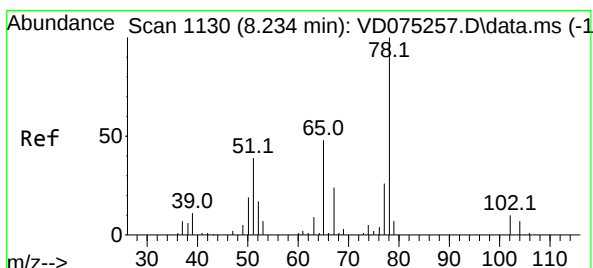
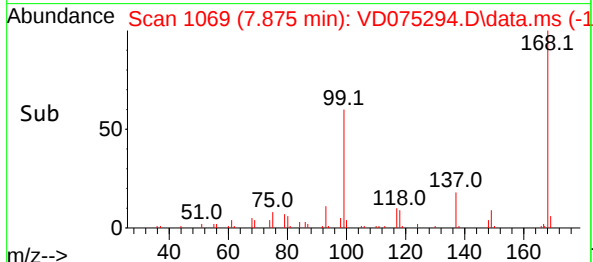
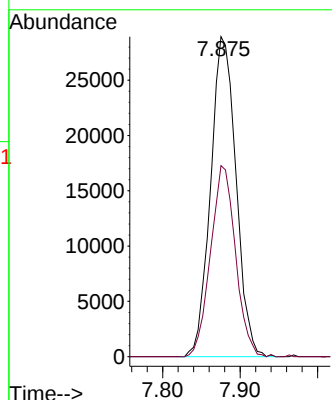
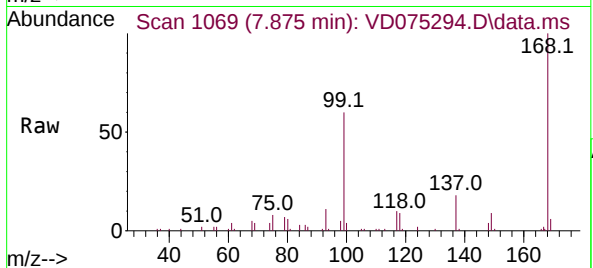
JPP-42-020723

Tgt Ion:168 Resp: 66019

Ion Ratio Lower Upper

168 100

99 59.7 45.2 67.8



#33

1,2-Dichloroethane-d4

Concen: 49.000 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD075294.D

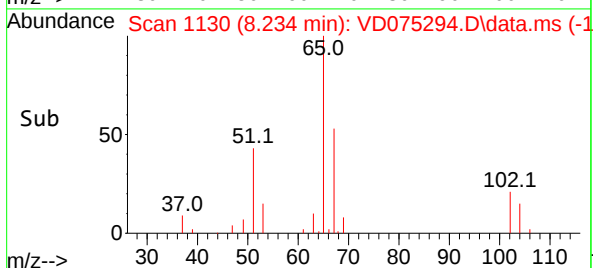
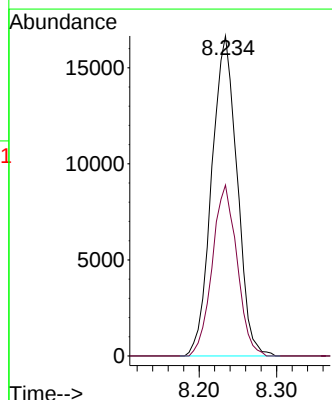
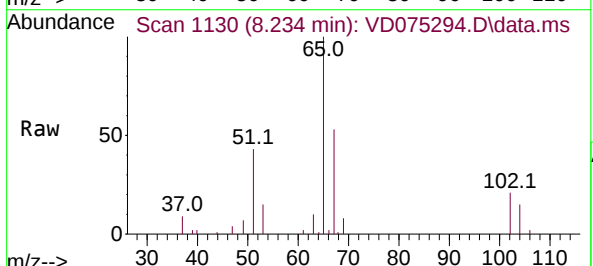
Acq: 09 Feb 2023 15:07

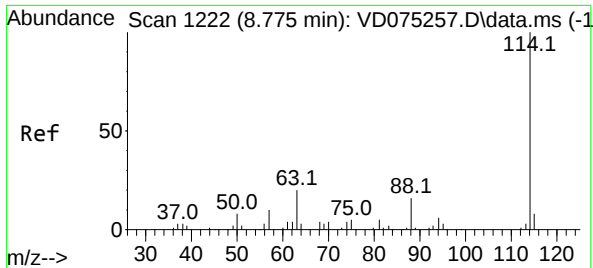
Tgt Ion: 65 Resp: 37932

Ion Ratio Lower Upper

65 100

67 52.0 0.0 105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD075294.D

Acq: 09 Feb 2023 15:07

Instrument :

MSVOA_D

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JPP-42-020723

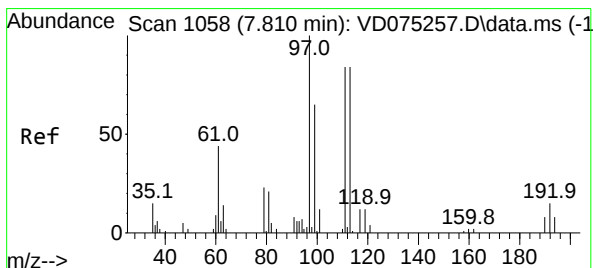
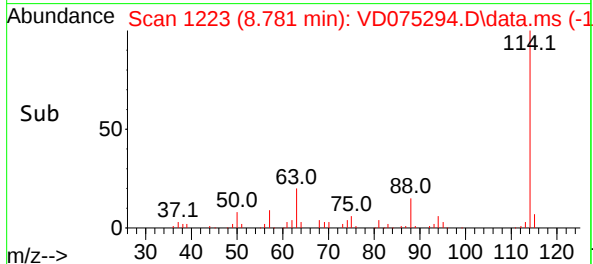
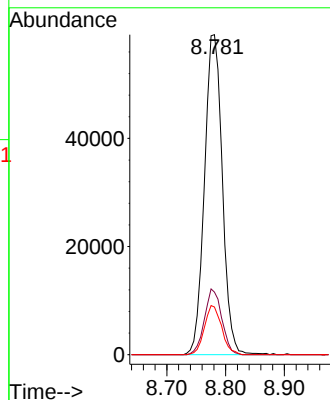
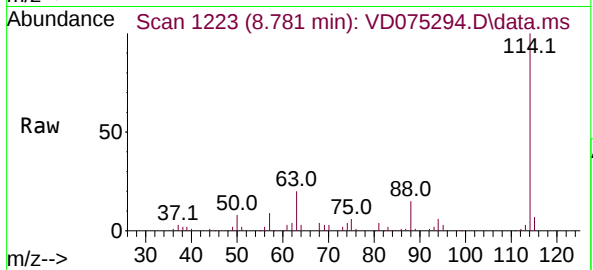
Tgt Ion:114 Resp: 124742

Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.2

88 14.9 0.0 32.2



#35

Dibromofluoromethane

Concen: 44.398 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD075294.D

Acq: 09 Feb 2023 15:07

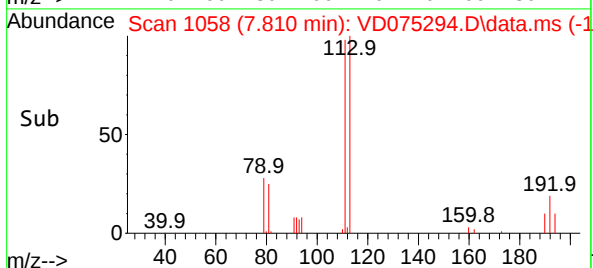
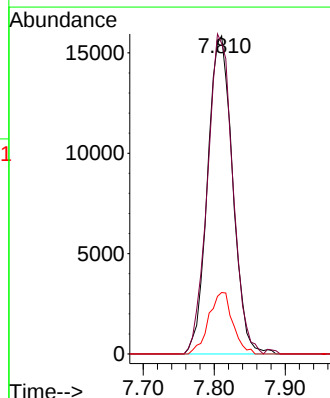
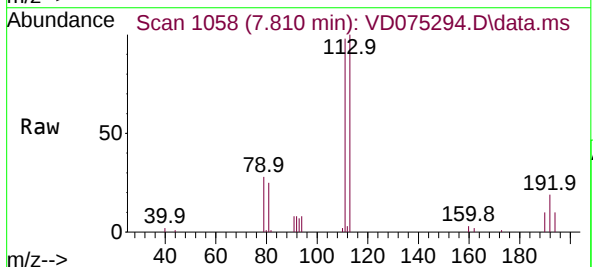
Tgt Ion:113 Resp: 38834

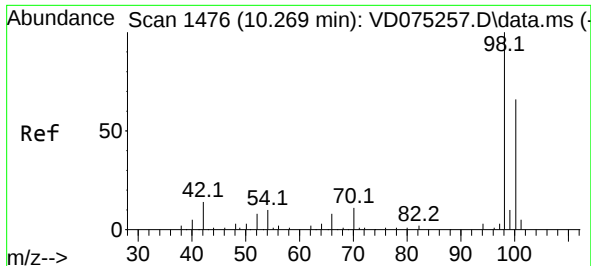
Ion Ratio Lower Upper

113 100

111 101.4 80.1 120.1

192 18.5 15.4 23.0

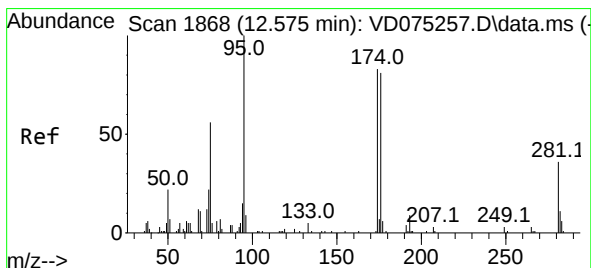
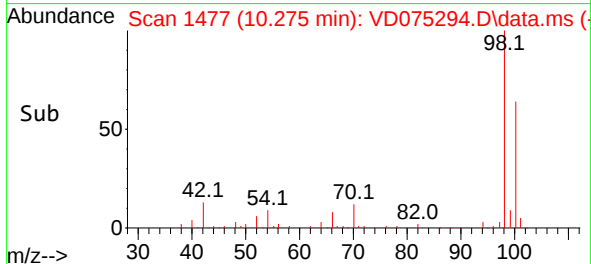
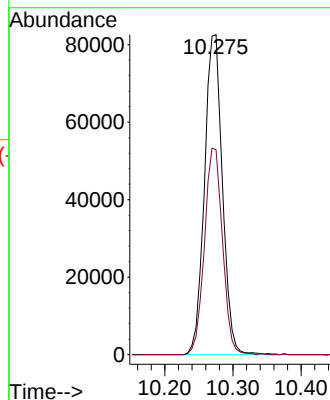
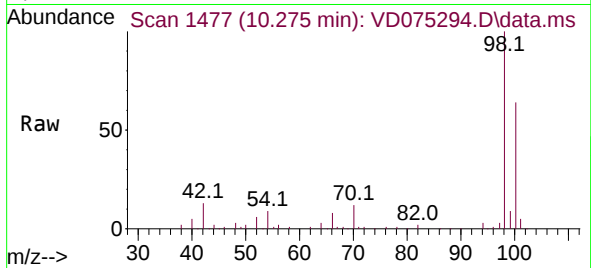




#50
Toluene-d8
Concen: 45.657 ug/l
RT: 10.275 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD075294.D
Acq: 09 Feb 2023 15:07

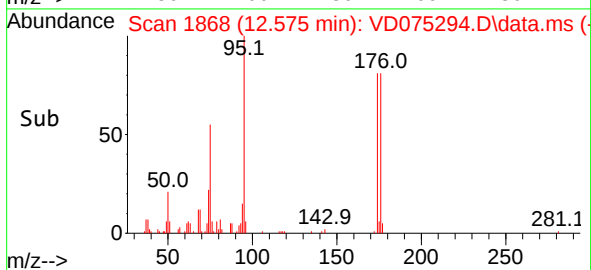
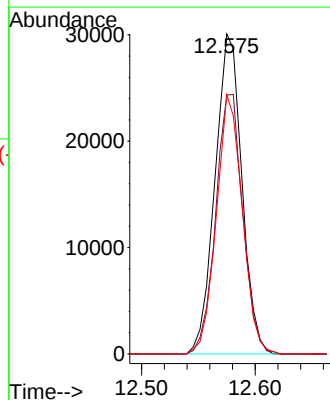
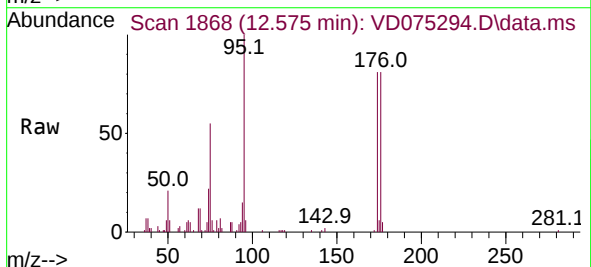
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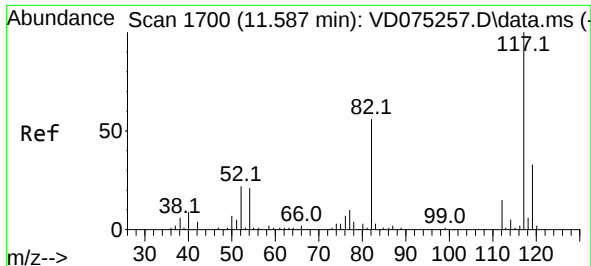
Tgt Ion: 98 Resp: 151449
Ion Ratio Lower Upper
98 100
100 64.8 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 45.077 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075294.D
Acq: 09 Feb 2023 15:07

Tgt Ion: 95 Resp: 49304
Ion Ratio Lower Upper
95 100
174 81.9 0.0 161.2
176 78.5 0.0 160.2

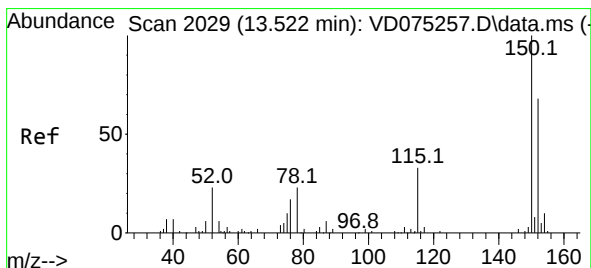
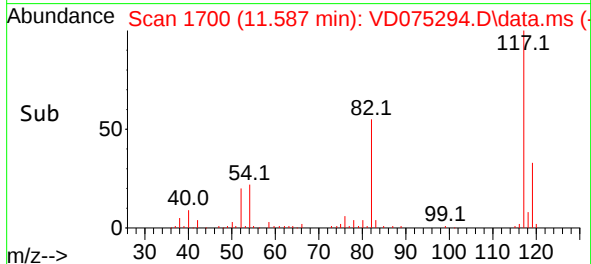
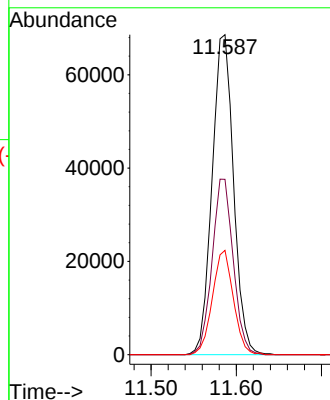
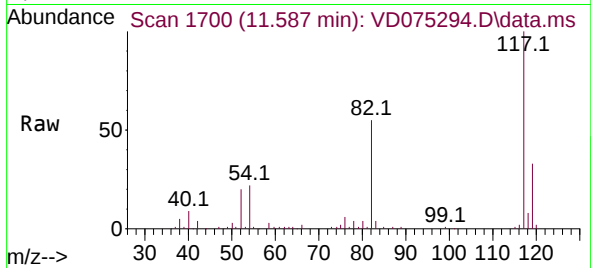




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075294.D
Acq: 09 Feb 2023 15:07

Instrument :
MSVOA_D
ClientSampleId :
JPP-42-020723

Tgt Ion:117 Resp: 119852
Ion Ratio Lower Upper
117 100
82 54.8 39.6 59.4
119 32.6 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: VD075294.D
Acq: 09 Feb 2023 15:07

Tgt Ion:152 Resp: 52259
Ion Ratio Lower Upper
152 100
115 56.6 28.8 86.4
150 154.8 0.0 348.6

