

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020923\
 Data File : VD075298.D
 Acq On : 09 Feb 2023 17:06
 Operator : KP/SY
 Sample : 01508-02
 Misc : 4.21G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 UST-1

Quant Time: Feb 10 02:04:32 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)

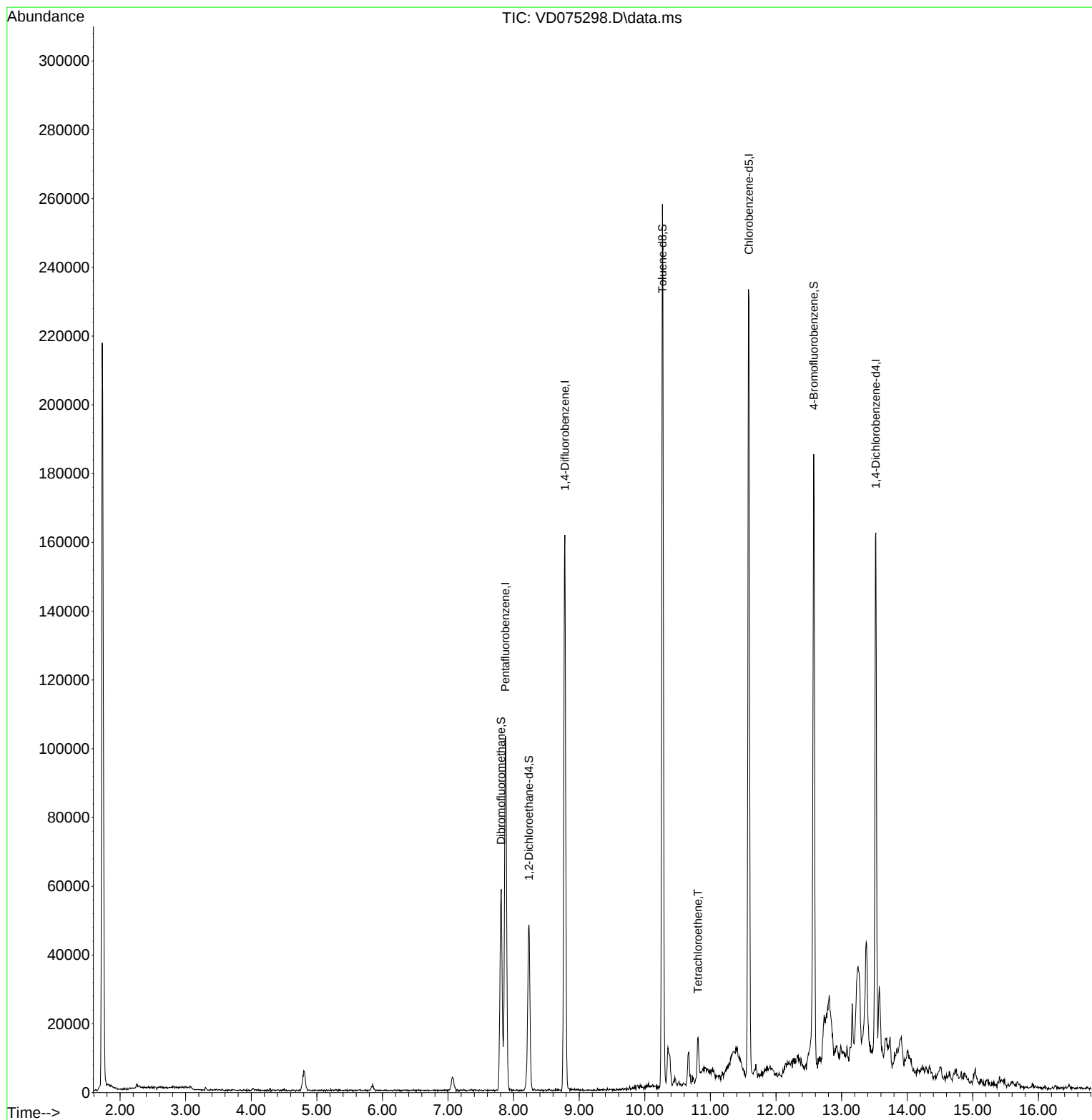
Internal Standards						
1) Pentafluorobenzene	7.875	168	78025	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	135881	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	126898	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	39523	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	38196	41.748	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	83.500%
35) Dibromofluoromethane	7.811	113	40804	42.826	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.660%
50) Toluene-d8	10.269	98	169733	46.974	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.940%
62) 4-Bromofluorobenzene	12.575	95	52463	44.033	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	88.060%
Target Compounds						
64) Tetrachloroethene	10.810	164	2339	2.393	ug/l	Qvalue 90

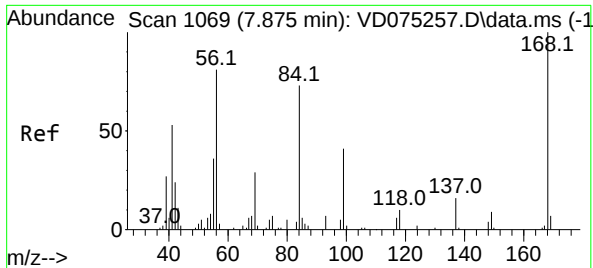
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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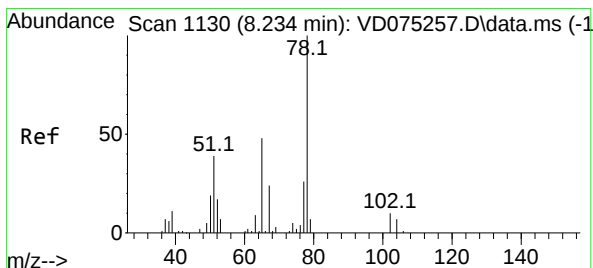
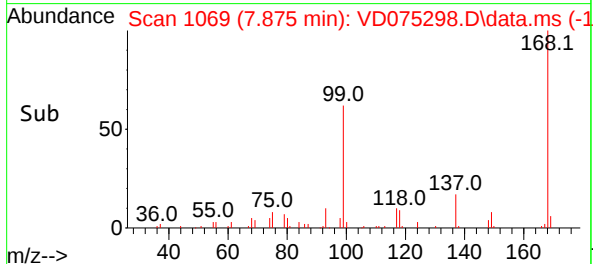
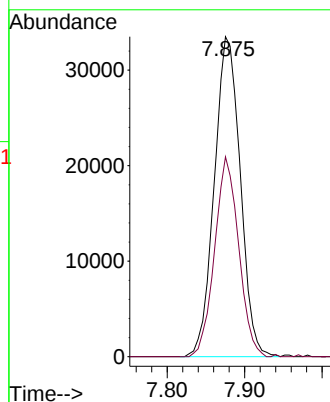
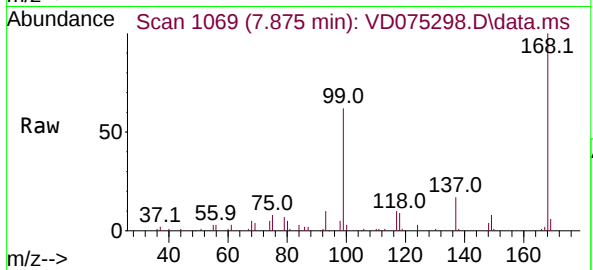




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075298.D
Acq: 09 Feb 2023 17:06

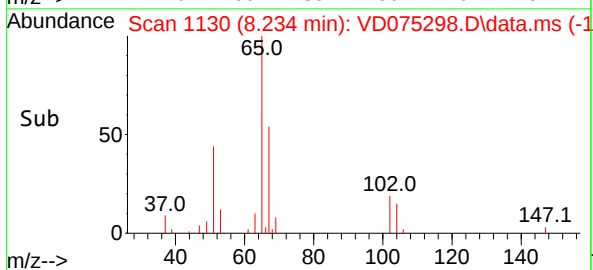
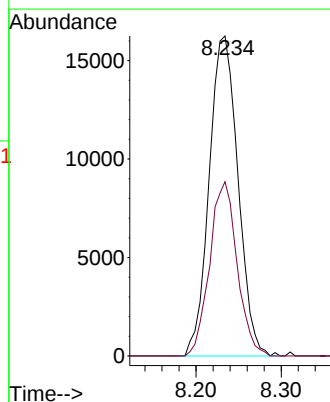
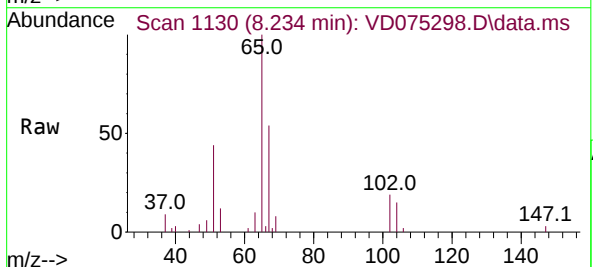
Instrument :
MSVOA_D
ClientSampleId :
UST-1

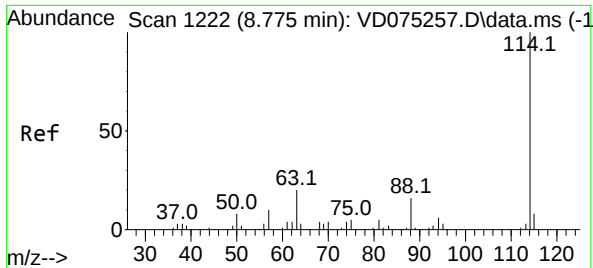
Tgt Ion:168 Resp: 78025
Ion Ratio Lower Upper
168 100
99 62.4 45.2 67.8



#33
1,2-Dichloroethane-d4
Concen: 41.748 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD075298.D
Acq: 09 Feb 2023 17:06

Tgt Ion: 65 Resp: 38196
Ion Ratio Lower Upper
65 100
67 51.8 0.0 105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD075298.D

Acq: 09 Feb 2023 17:06

Instrument :

MSVOA_D

ClientSampleId :

UST-1

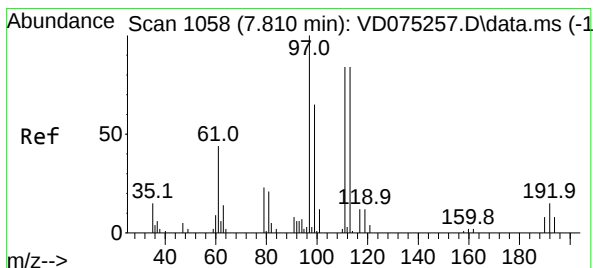
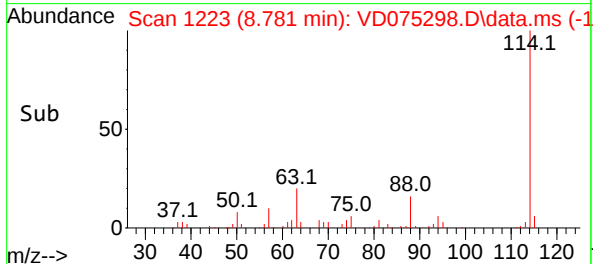
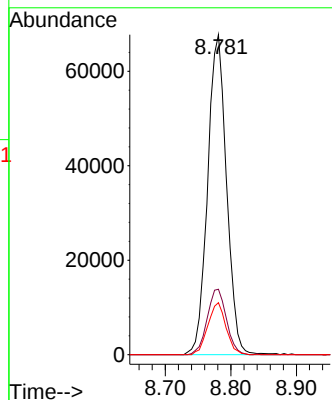
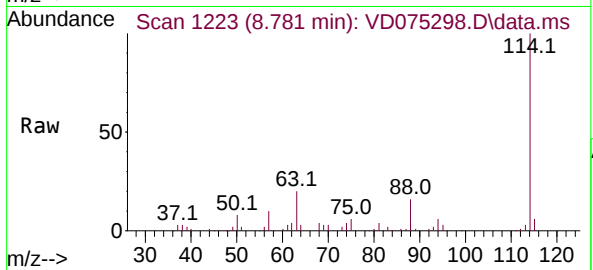
Tgt Ion:114 Resp: 135881

Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.2

88 16.2 0.0 32.2



#35

Dibromofluoromethane

Concen: 42.826 ug/l

RT: 7.811 min Scan# 1058

Delta R.T. 0.001 min

Lab File: VD075298.D

Acq: 09 Feb 2023 17:06

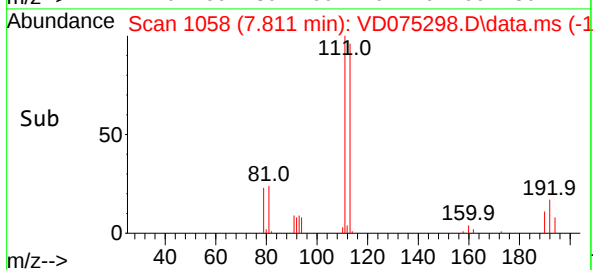
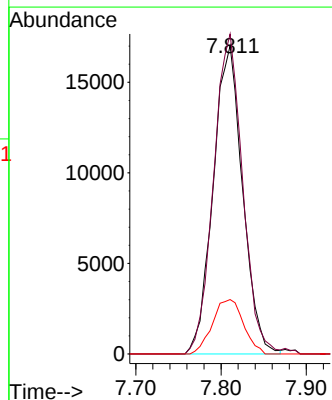
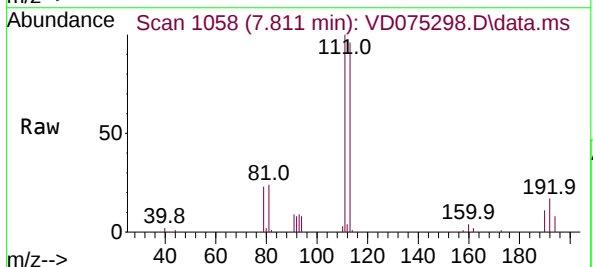
Tgt Ion:113 Resp: 40804

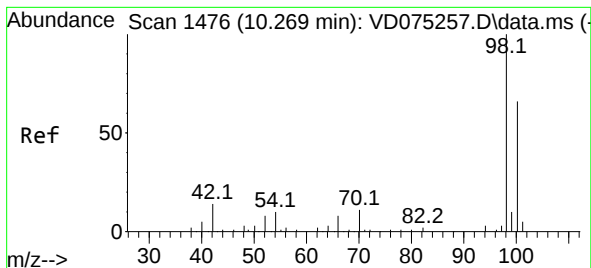
Ion Ratio Lower Upper

113 100

111 102.5 80.1 120.1

192 18.6 15.4 23.0

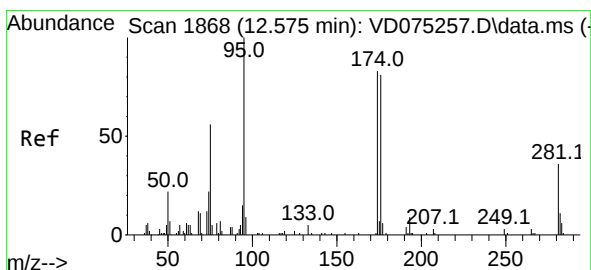
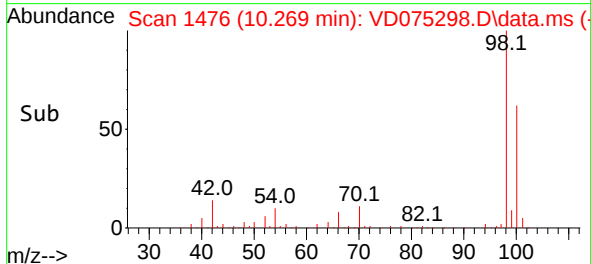
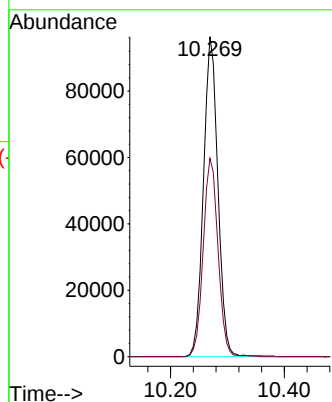
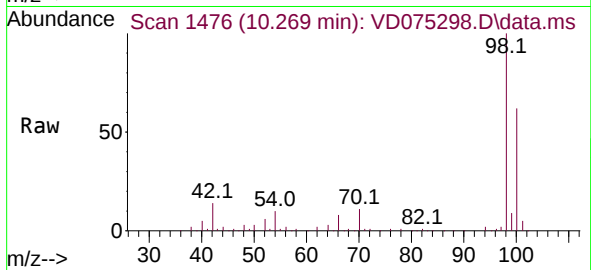




#50
Toluene-d8
Concen: 46.974 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075298.D
Acq: 09 Feb 2023 17:06

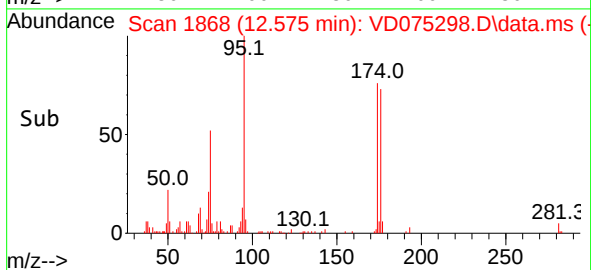
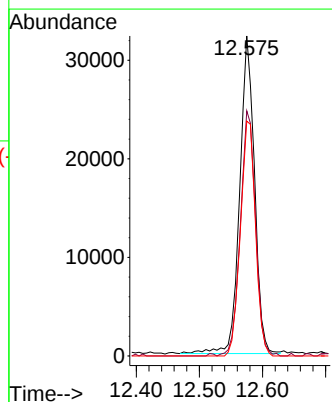
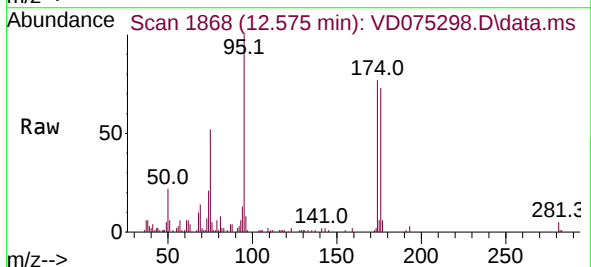
Instrument :
MSVOA_D
ClientSampleId :
UST-1

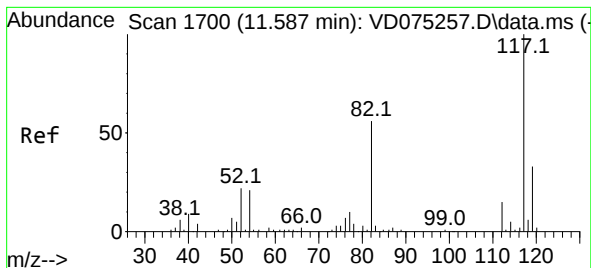
Tgt Ion: 98 Resp: 169733
Ion Ratio Lower Upper
98 100
100 63.5 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 44.033 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075298.D
Acq: 09 Feb 2023 17:06

Tgt Ion: 95 Resp: 52463
Ion Ratio Lower Upper
95 100
174 79.0 0.0 161.2
176 75.4 0.0 160.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.587 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD075298.D

Acq: 09 Feb 2023 17:06

Instrument :

MSVOA_D

ClientSampleId :

UST-1

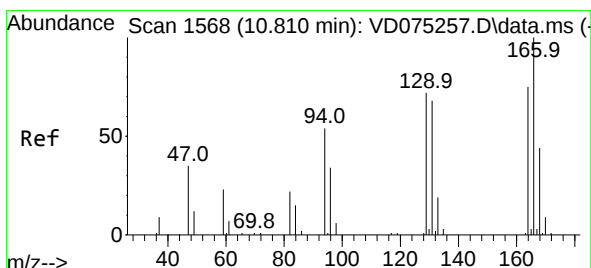
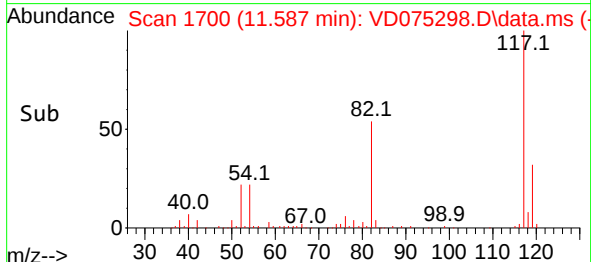
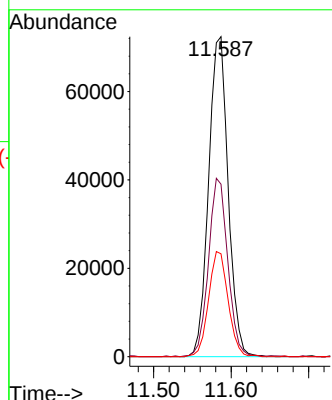
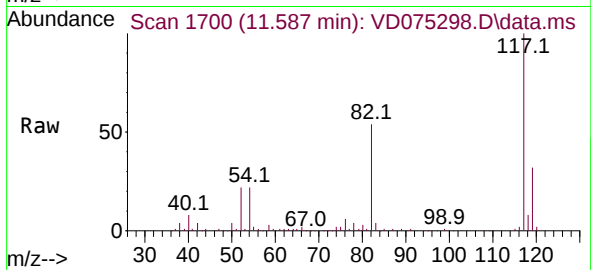
Tgt Ion:117 Resp: 126898

Ion Ratio Lower Upper

117 100

82 53.9 39.6 59.4

119 32.1 24.6 37.0



#64

Tetrachloroethene

Concen: 2.393 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD075298.D

Acq: 09 Feb 2023 17:06

Tgt Ion:164 Resp: 2339

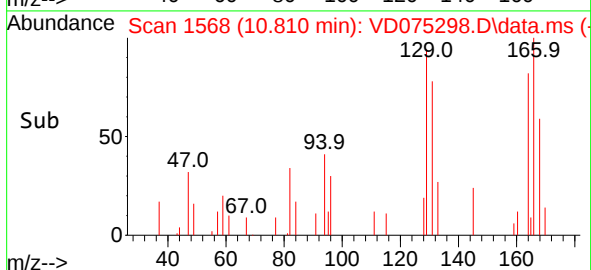
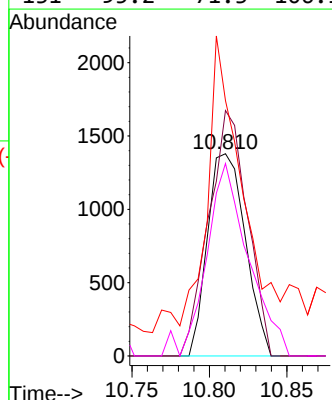
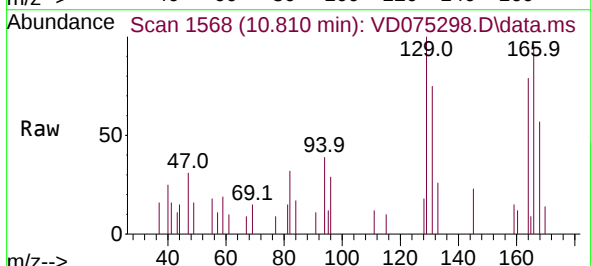
Ion Ratio Lower Upper

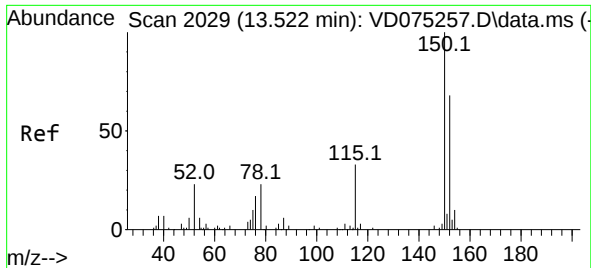
164 100

166 121.4 105.3 157.9

129 111.3 76.2 114.4

131 95.2 71.3 106.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 20

Delta R.T. -0.000 min

Lab File: VD075298.D

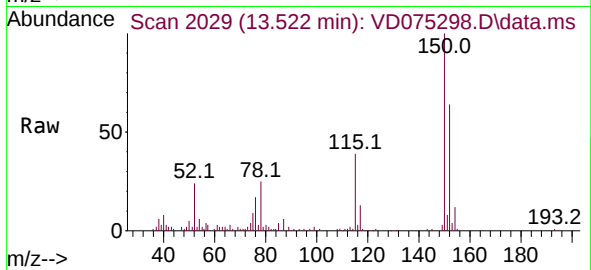
Acq: 09 Feb 2023 17:06

Instrument :

MSVOA_D

ClientSampleId :

UST-1



Tgt Ion:152 Resp: 39523

Ion Ratio Lower Upper

152 100

115 61.6 28.8 86.4

150 155.5 0.0 348.6

