

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020923\
 Data File : VD075299.D
 Acq On : 09 Feb 2023 17:34
 Operator : KP/SY
 Sample : 01508-03
 Misc : 3.60G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 UST-2

Quant Time: Feb 10 02:04:59 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)

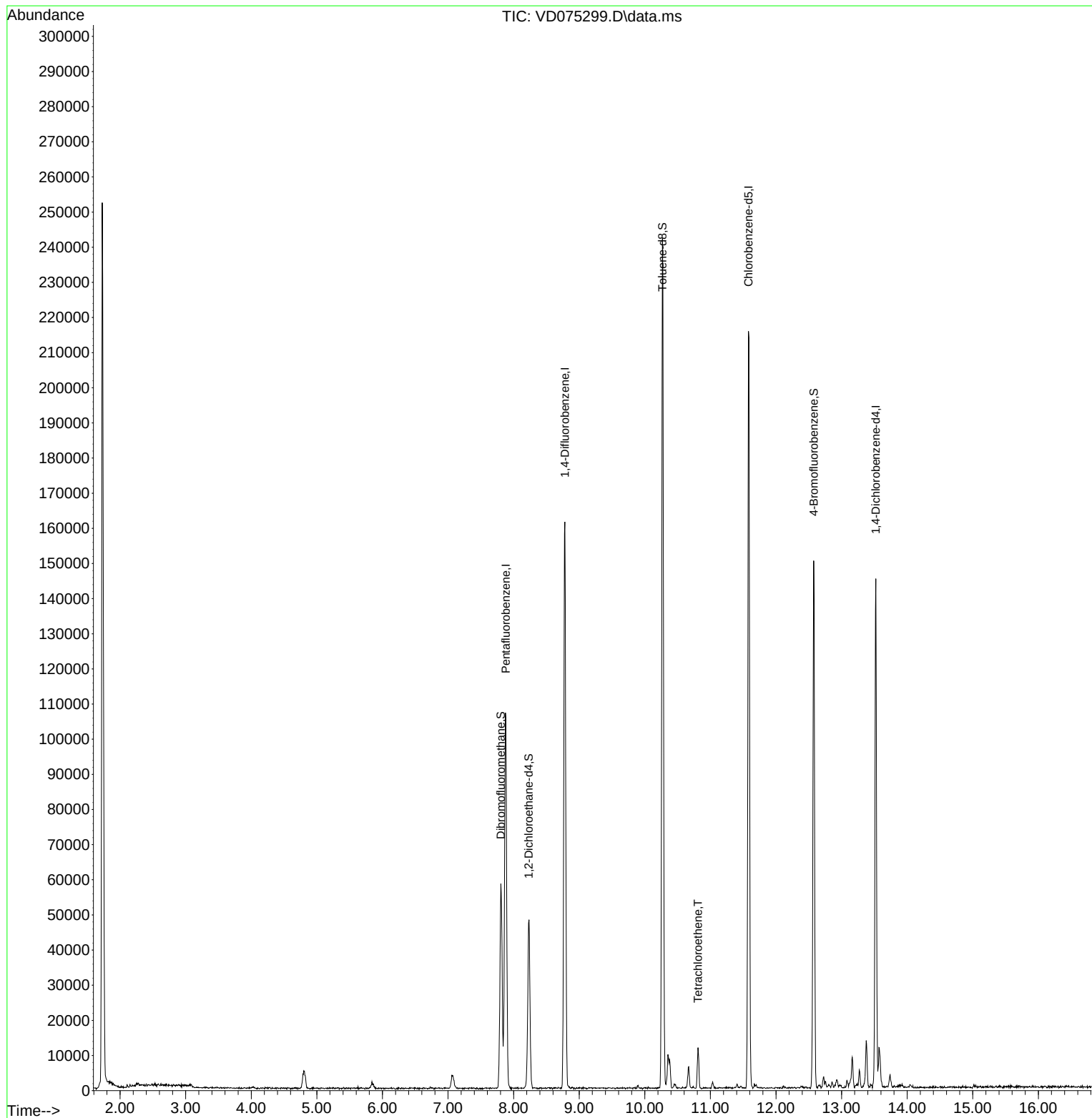
Internal Standards						
1) Pentafluorobenzene	7.881	168	80185	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	139607	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	119835	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	35513	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	37632	40.024	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	80.040%
35) Dibromofluoromethane	7.805	113	41160	42.046	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	84.100%
50) Toluene-d8	10.269	98	164389	44.281	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	88.560%
62) 4-Bromofluorobenzene	12.575	95	46104	37.663	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	75.320%
Target Compounds						
					Qvalue	
64) Tetrachloroethene	10.810	164	2452	2.657	ug/l #	83

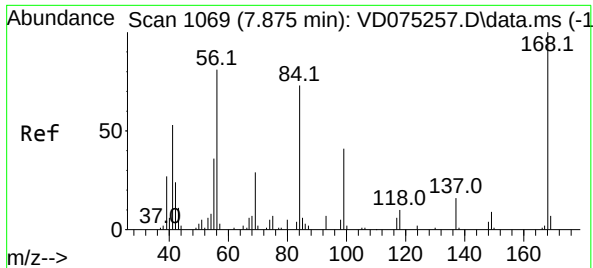
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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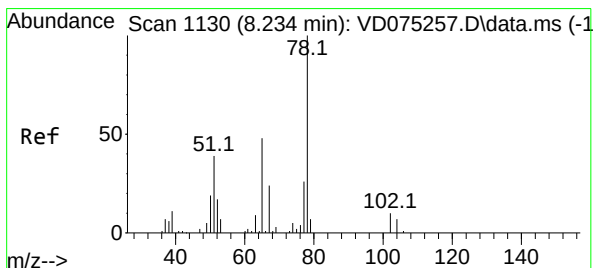
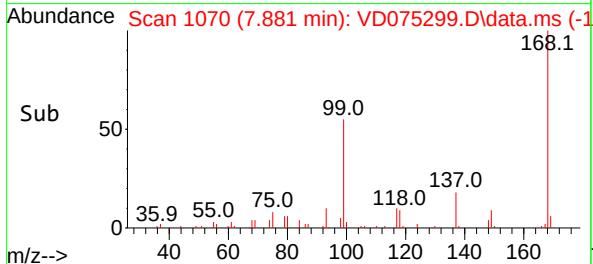
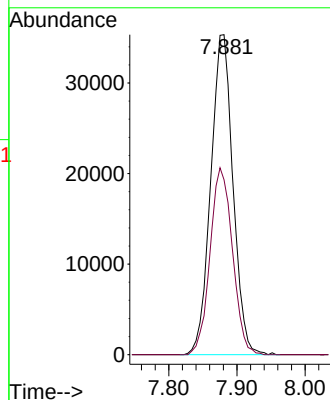
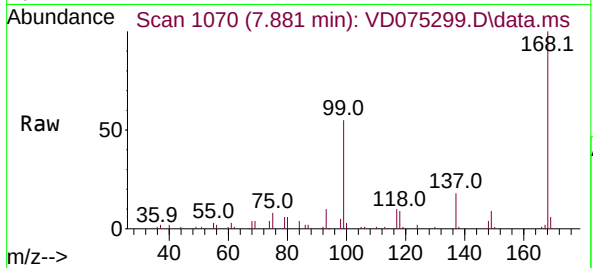




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1109
Delta R.T. 0.006 min
Lab File: VD075299.D
Acq: 09 Feb 2023 17:34

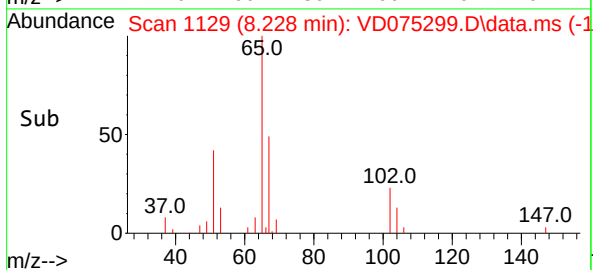
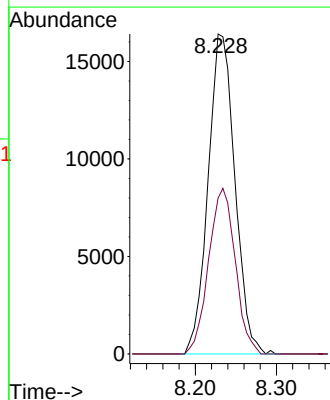
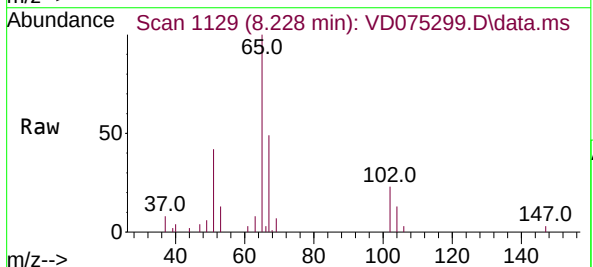
Instrument :
MSVOA_D
ClientSampleId :
UST-2

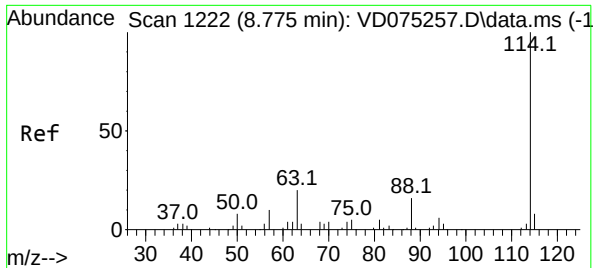
Tgt Ion:168 Resp: 80185
Ion Ratio Lower Upper
168 100
99 54.7 45.2 67.8



#33
1,2-Dichloroethane-d4
Concen: 40.024 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD075299.D
Acq: 09 Feb 2023 17:34

Tgt Ion: 65 Resp: 37632
Ion Ratio Lower Upper
65 100
67 51.4 0.0 105.2

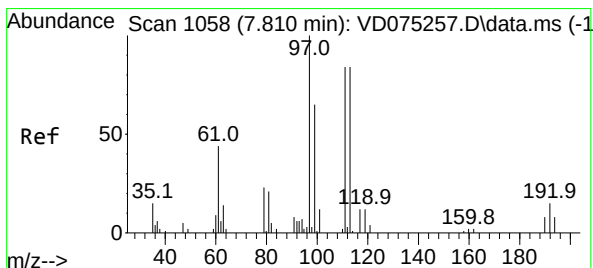
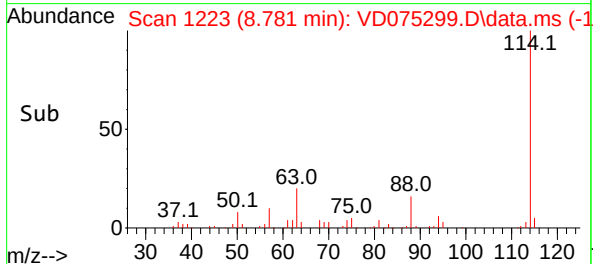
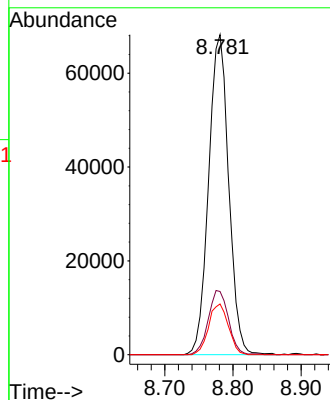
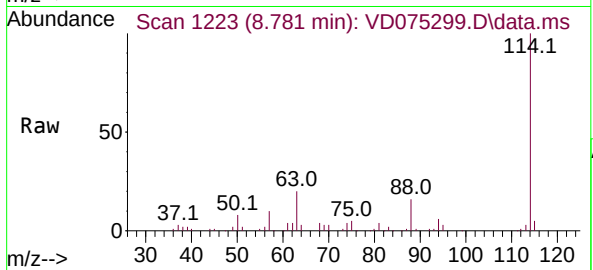




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD075299.D
Acq: 09 Feb 2023 17:34

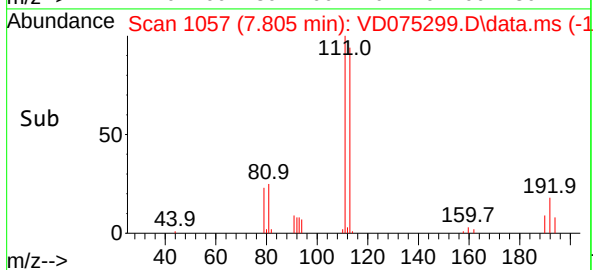
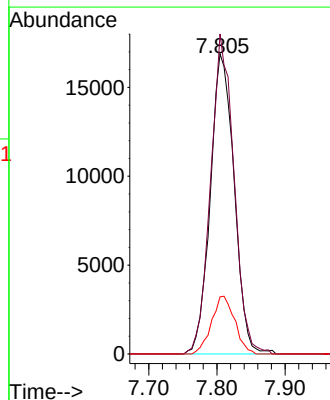
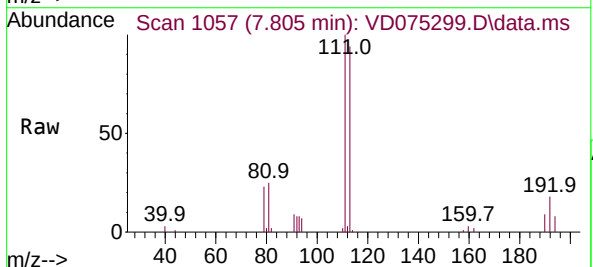
Instrument :
MSVOA_D
ClientSampleId :
UST-2

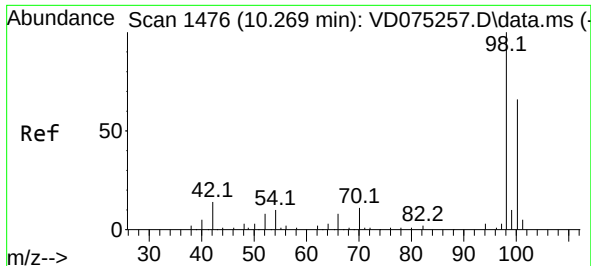
Tgt Ion:114 Resp: 139607
Ion Ratio Lower Upper
114 100
63 19.8 0.0 40.2
88 15.9 0.0 32.2



#35
Dibromofluoromethane
Concen: 42.046 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.005 min
Lab File: VD075299.D
Acq: 09 Feb 2023 17:34

Tgt Ion:113 Resp: 41160
Ion Ratio Lower Upper
113 100
111 104.1 80.1 120.1
192 18.7 15.4 23.0

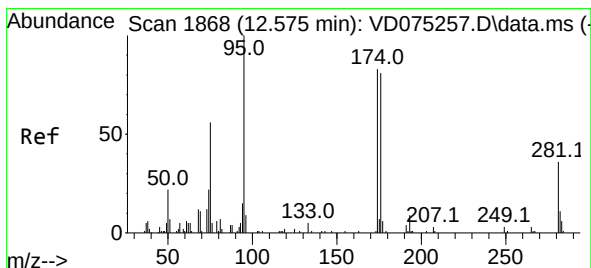
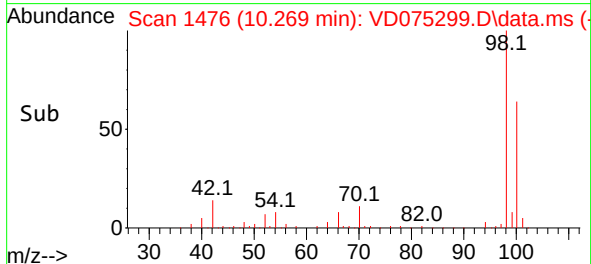
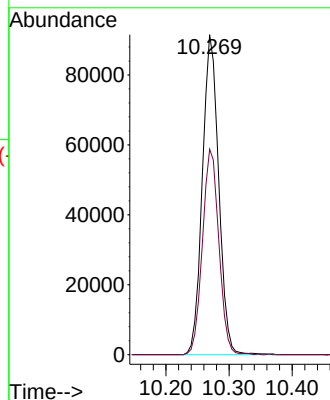
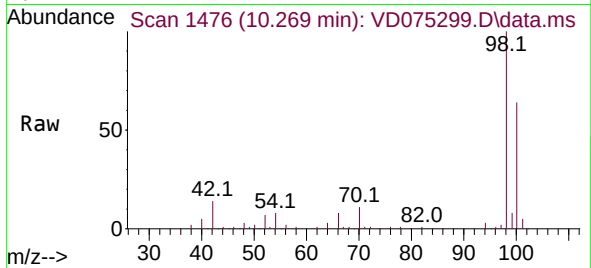




#50
Toluene-d8
Concen: 44.281 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075299.D
Acq: 09 Feb 2023 17:34

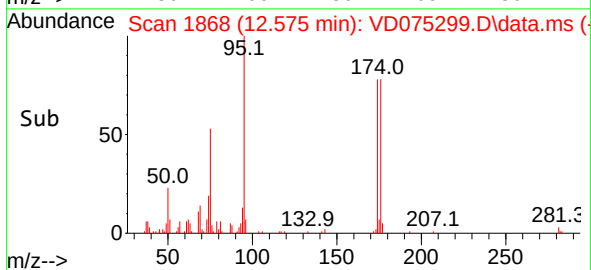
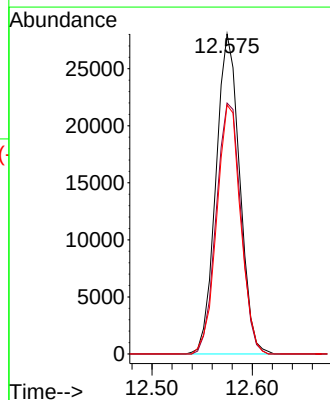
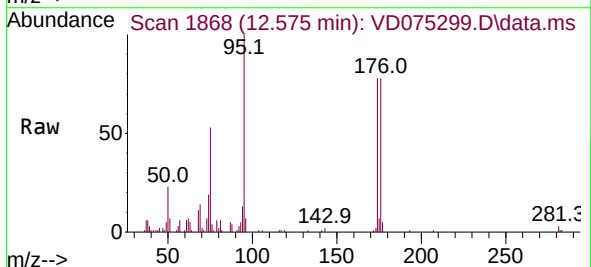
Instrument :
MSVOA_D
ClientSampleId :
UST-2

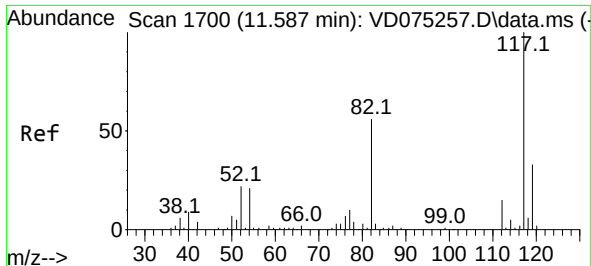
Tgt Ion: 98 Resp: 164389
Ion Ratio Lower Upper
98 100
100 64.6 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 37.663 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075299.D
Acq: 09 Feb 2023 17:34

Tgt Ion: 95 Resp: 46104
Ion Ratio Lower Upper
95 100
174 81.0 0.0 161.2
176 78.1 0.0 160.2

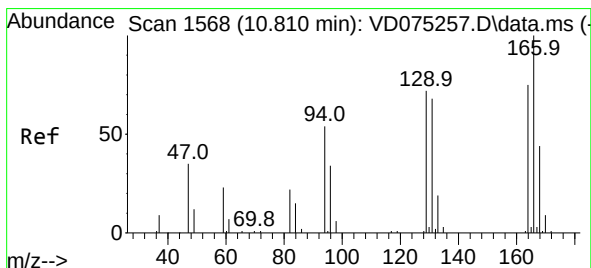
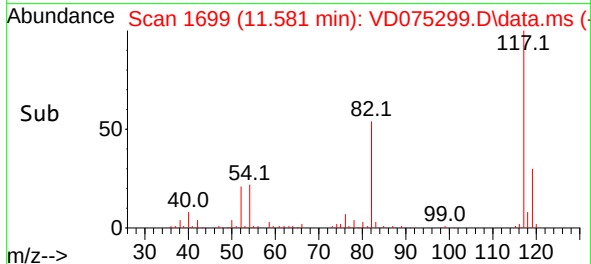
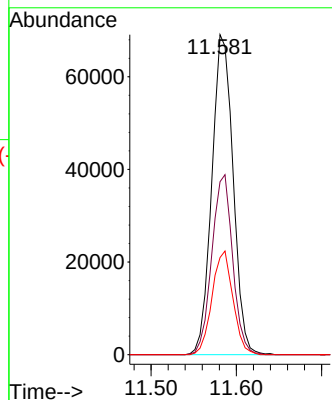
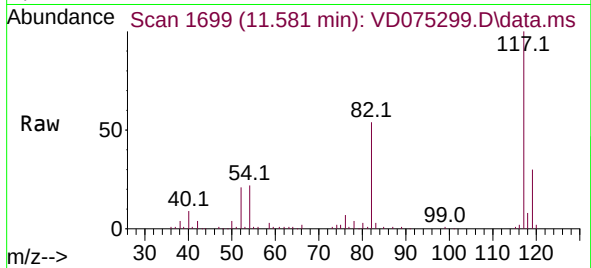




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD075299.D
Acq: 09 Feb 2023 17:34

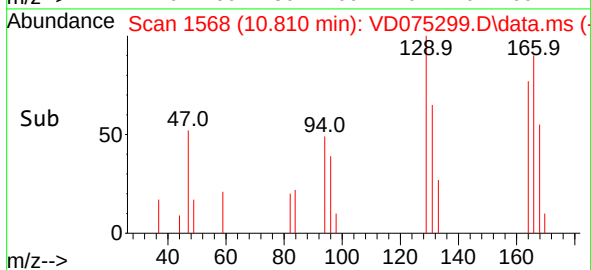
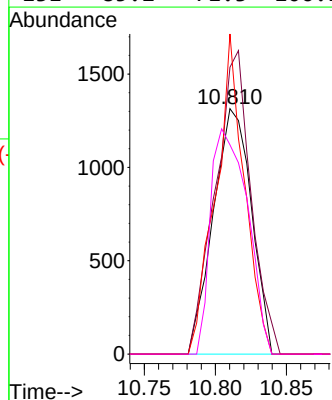
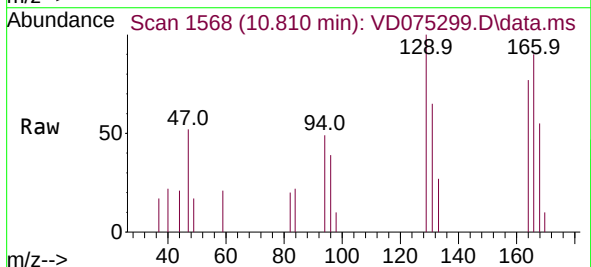
Instrument :
MSVOA_D
ClientSampleId :
UST-2

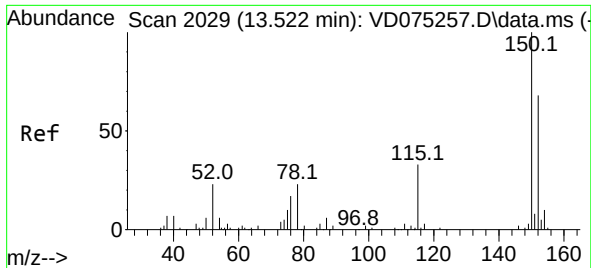
Tgt Ion:117 Resp: 119835
Ion Ratio Lower Upper
117 100
82 54.1 39.6 59.4
119 30.3 24.6 37.0



#64
Tetrachloroethene
Concen: 2.657 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD075299.D
Acq: 09 Feb 2023 17:34

Tgt Ion:164 Resp: 2452
Ion Ratio Lower Upper
164 100
166 116.9 105.3 157.9
129 130.4 76.2 114.4#
131 85.2 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: VD075299.D

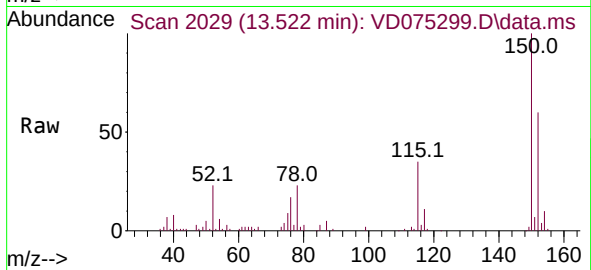
Acq: 09 Feb 2023 17:34

Instrument :

MSVOA_D

ClientSampleId :

UST-2



Tgt Ion:152 Resp: 35513

Ion Ratio Lower Upper

152 100

115 59.7 28.8 86.4

150 159.8 0.0 348.6

