

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020923\
 Data File : VD075300.D
 Acq On : 09 Feb 2023 18:02
 Operator : KP/SY
 Sample : 01508-04
 Misc : 3.75G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 UST-3

Quant Time: Feb 10 02:05:22 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)

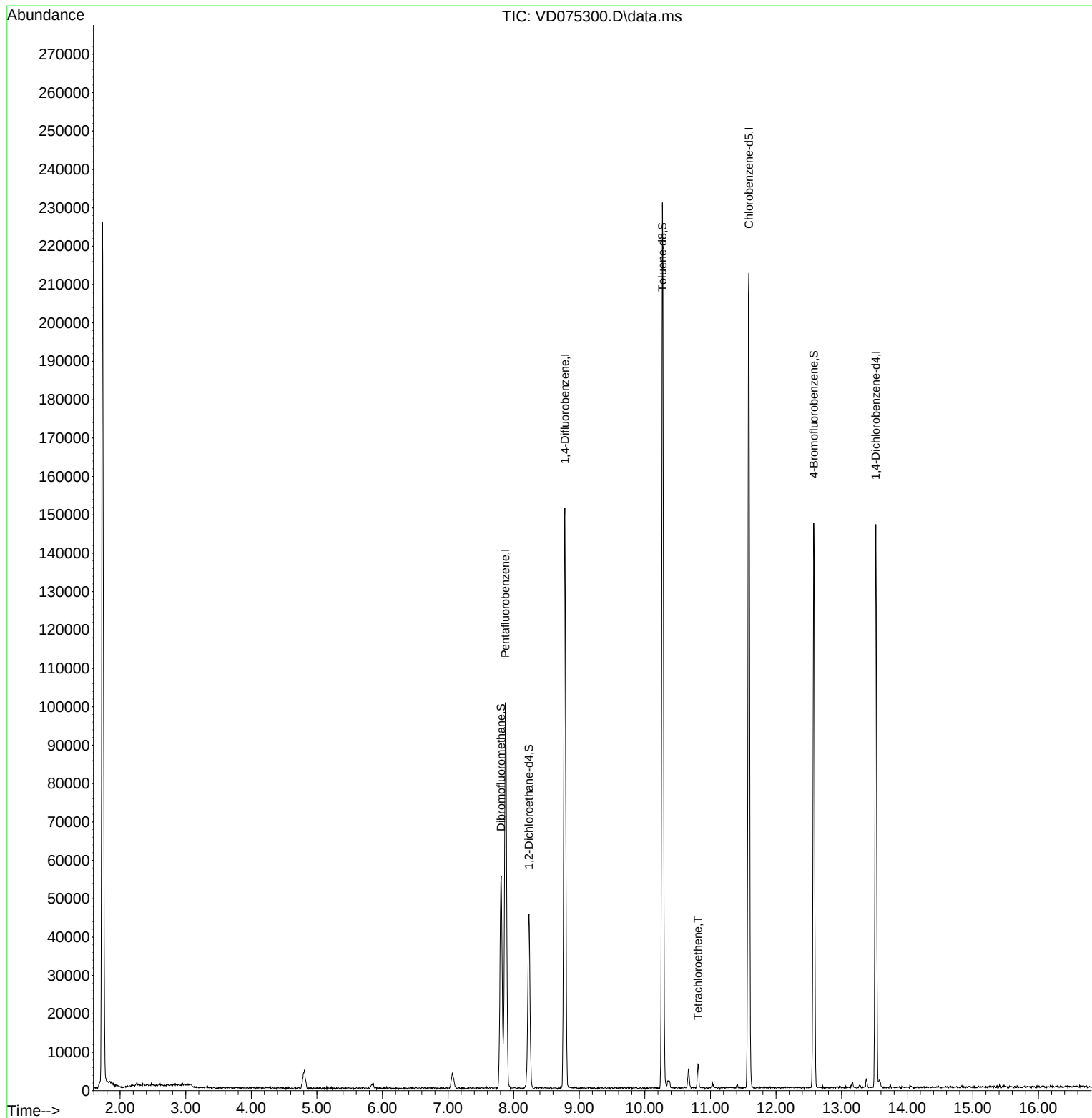
Internal Standards						
1) Pentafluorobenzene	7.875	168	73761	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	129692	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	118807	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	38423	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	35537	41.088	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	82.180%
35) Dibromofluoromethane	7.810	113	38889	42.764	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.520%
50) Toluene-d8	10.269	98	154316	44.745	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	89.500%
62) 4-Bromofluorobenzene	12.575	95	43704	38.432	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	76.860%
Target Compounds						
					Qvalue	
64) Tetrachloroethene	10.810	164	1153	1.260	ug/l #	86

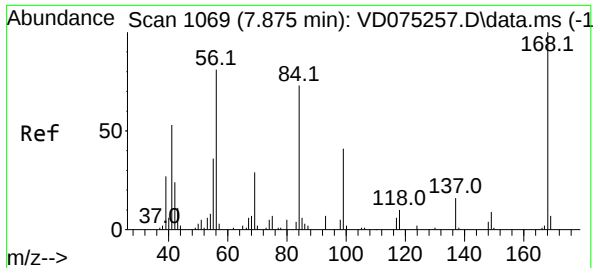
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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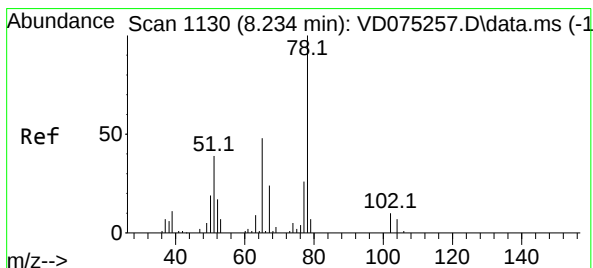
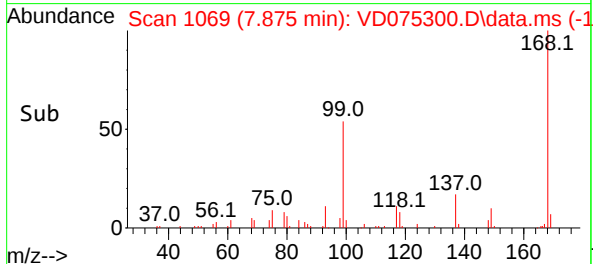
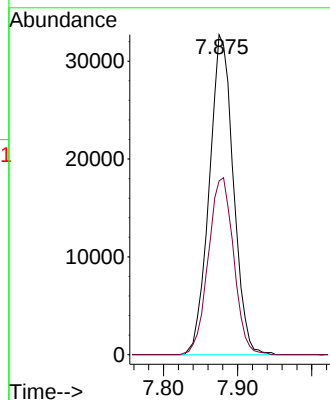
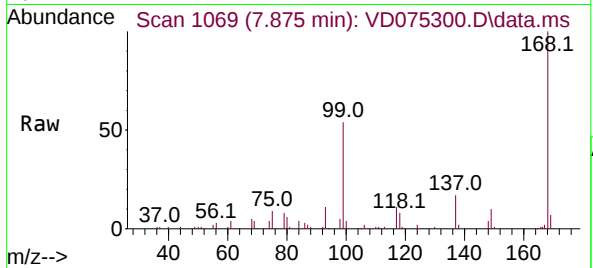




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075300.D
Acq: 09 Feb 2023 18:02

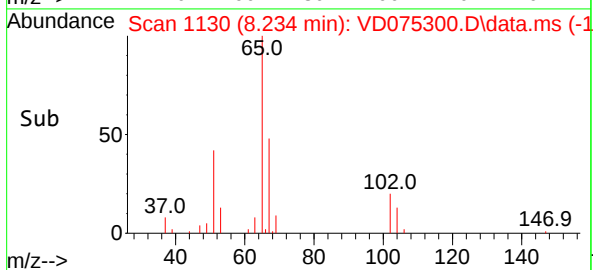
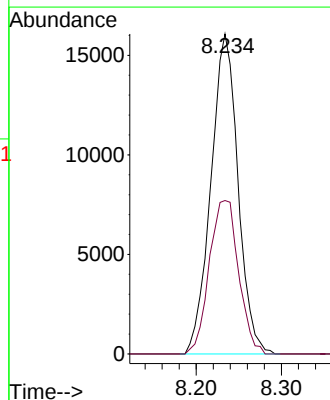
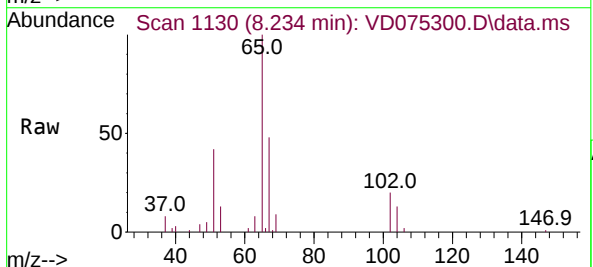
Instrument :
MSVOA_D
ClientSampleId :
UST-3

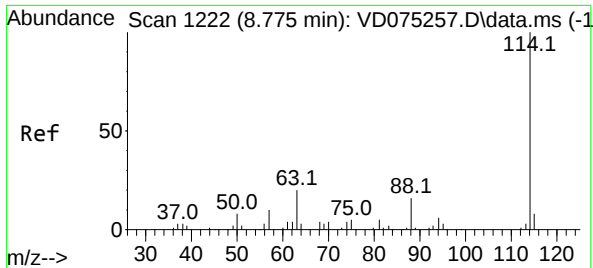
Tgt Ion:168 Resp: 73761
Ion Ratio Lower Upper
168 100
99 54.3 45.2 67.8



#33
1,2-Dichloroethane-d4
Concen: 41.088 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD075300.D
Acq: 09 Feb 2023 18:02

Tgt Ion: 65 Resp: 35537
Ion Ratio Lower Upper
65 100
67 51.8 0.0 105.2

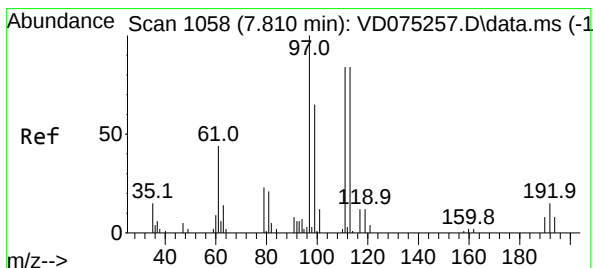
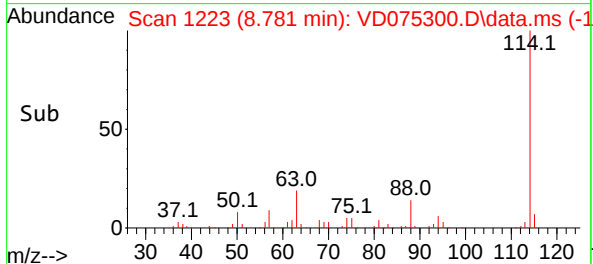
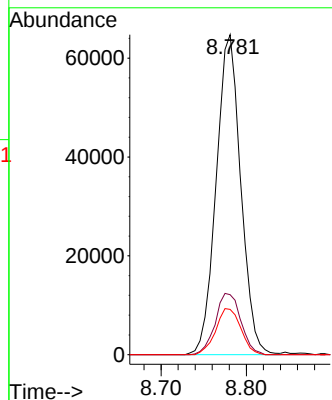
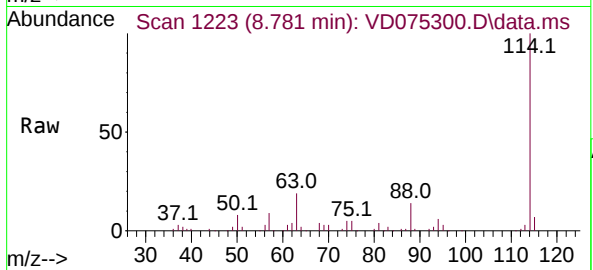




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD075300.D
Acq: 09 Feb 2023 18:02

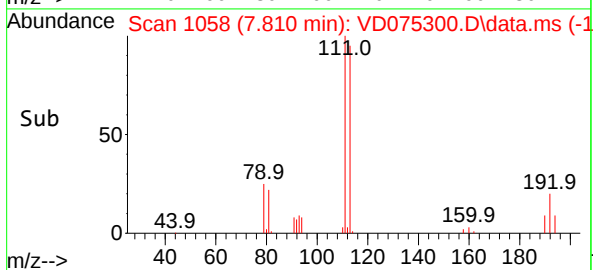
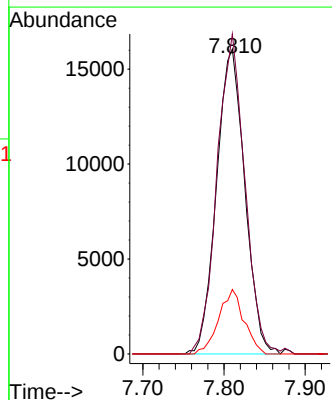
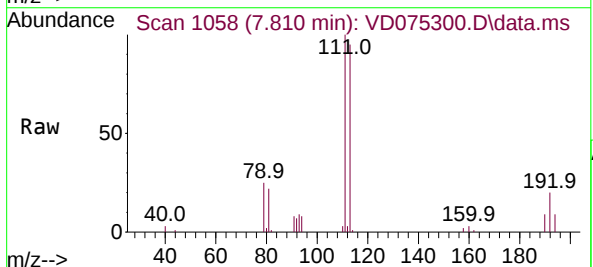
Instrument :
MSVOA_D
ClientSampleId :
UST-3

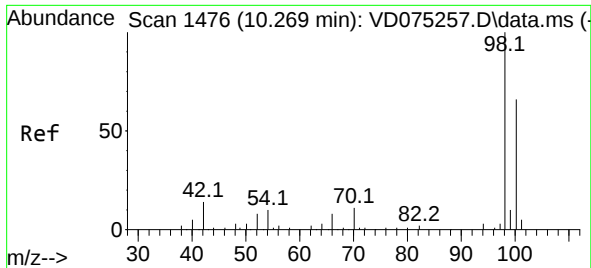
Tgt Ion:114 Resp: 129692
Ion Ratio Lower Upper
114 100
63 18.8 0.0 40.2
88 14.1 0.0 32.2



#35
Dibromofluoromethane
Concen: 42.764 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VD075300.D
Acq: 09 Feb 2023 18:02

Tgt Ion:113 Resp: 38889
Ion Ratio Lower Upper
113 100
111 103.1 80.1 120.1
192 18.9 15.4 23.0

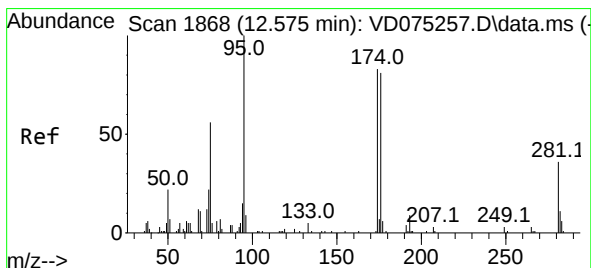
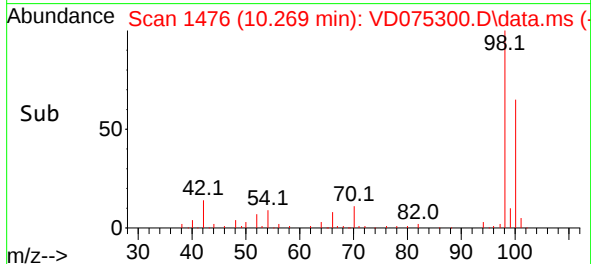
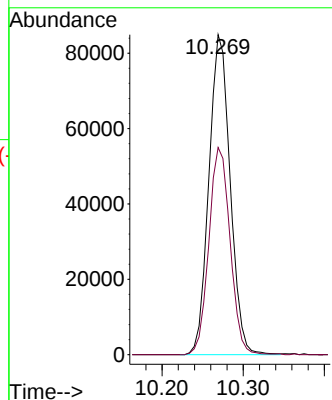
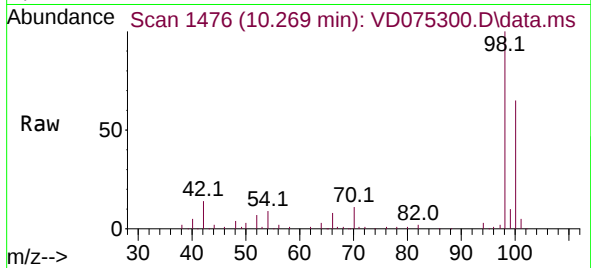




#50
Toluene-d8
Concen: 44.745 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075300.D
Acq: 09 Feb 2023 18:02

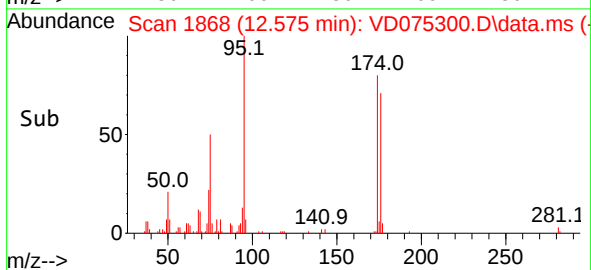
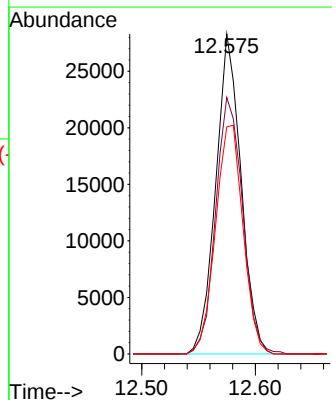
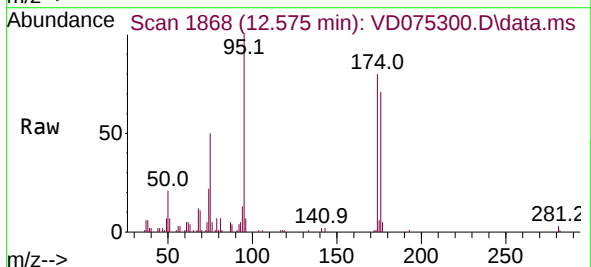
Instrument :
MSVOA_D
ClientSampleId :
UST-3

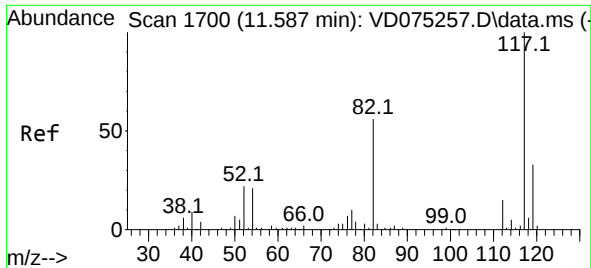
Tgt Ion: 98 Resp: 154316
Ion Ratio Lower Upper
98 100
100 64.7 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 38.432 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075300.D
Acq: 09 Feb 2023 18:02

Tgt Ion: 95 Resp: 43704
Ion Ratio Lower Upper
95 100
174 85.6 0.0 161.2
176 78.1 0.0 160.2

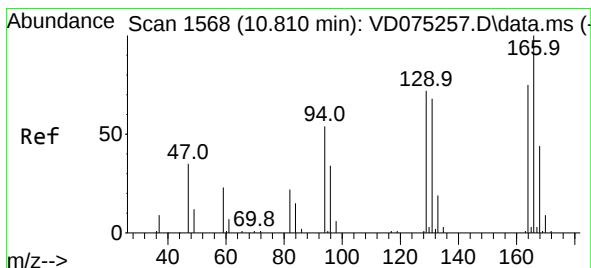
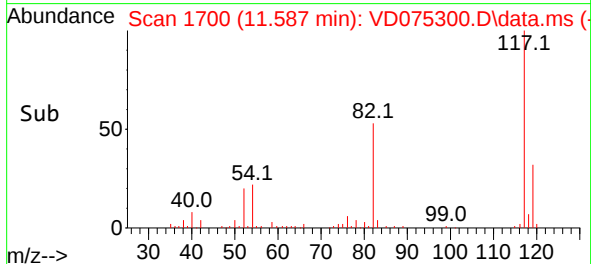
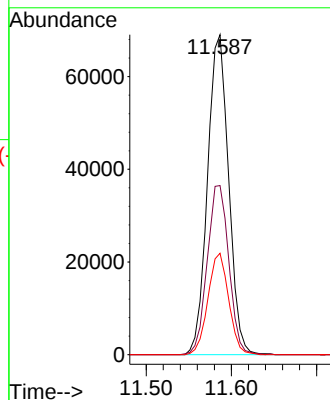
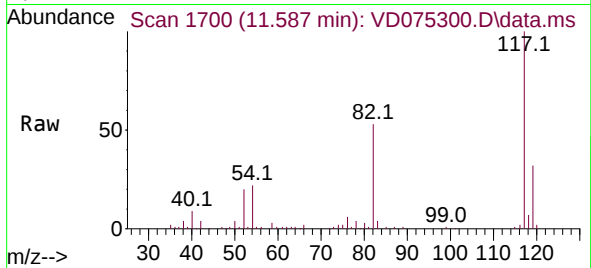




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075300.D
Acq: 09 Feb 2023 18:02

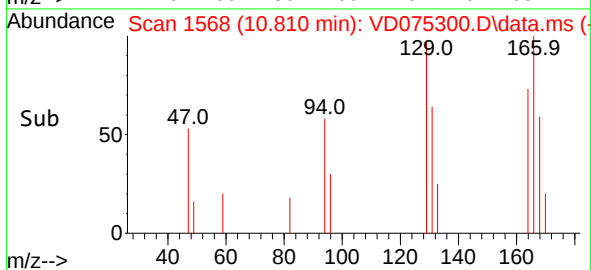
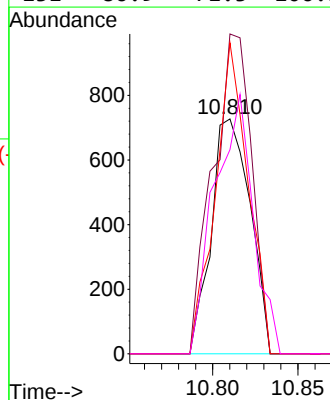
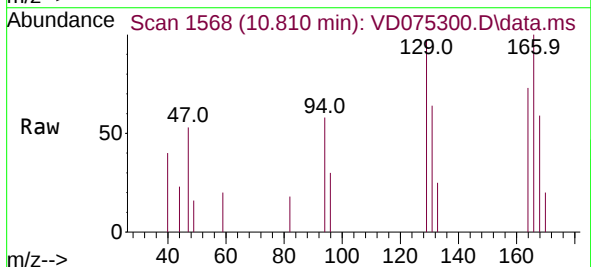
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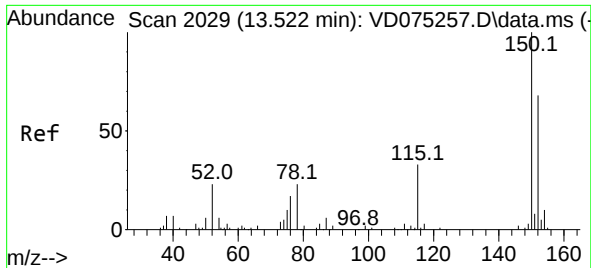
Tgt Ion:117 Resp: 118807
Ion Ratio Lower Upper
117 100
82 52.9 39.6 59.4
119 31.7 24.6 37.0



#64
Tetrachloroethene
Concen: 1.260 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD075300.D
Acq: 09 Feb 2023 18:02

Tgt Ion:164 Resp: 1153
Ion Ratio Lower Upper
164 100
166 136.2 105.3 157.9
129 132.5 76.2 114.4#
131 86.9 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: VD075300.D

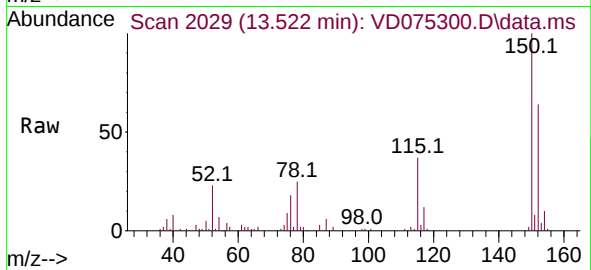
Acq: 09 Feb 2023 18:02

Instrument :

MSVOA_D

ClientSampleId :

UST-3



Tgt Ion:152 Resp: 38423

Ion Ratio Lower Upper

152 100

115 56.2 28.8 86.4

150 157.3 0.0 348.6

