

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010522\
 Data File : VD071625.D
 Acq On : 05 Jan 2022 20:19
 Operator : VA/SY
 Sample : N1039-02
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 06 07:07:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 23 08:20:24 2021
 Response via : Initial Calibration

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

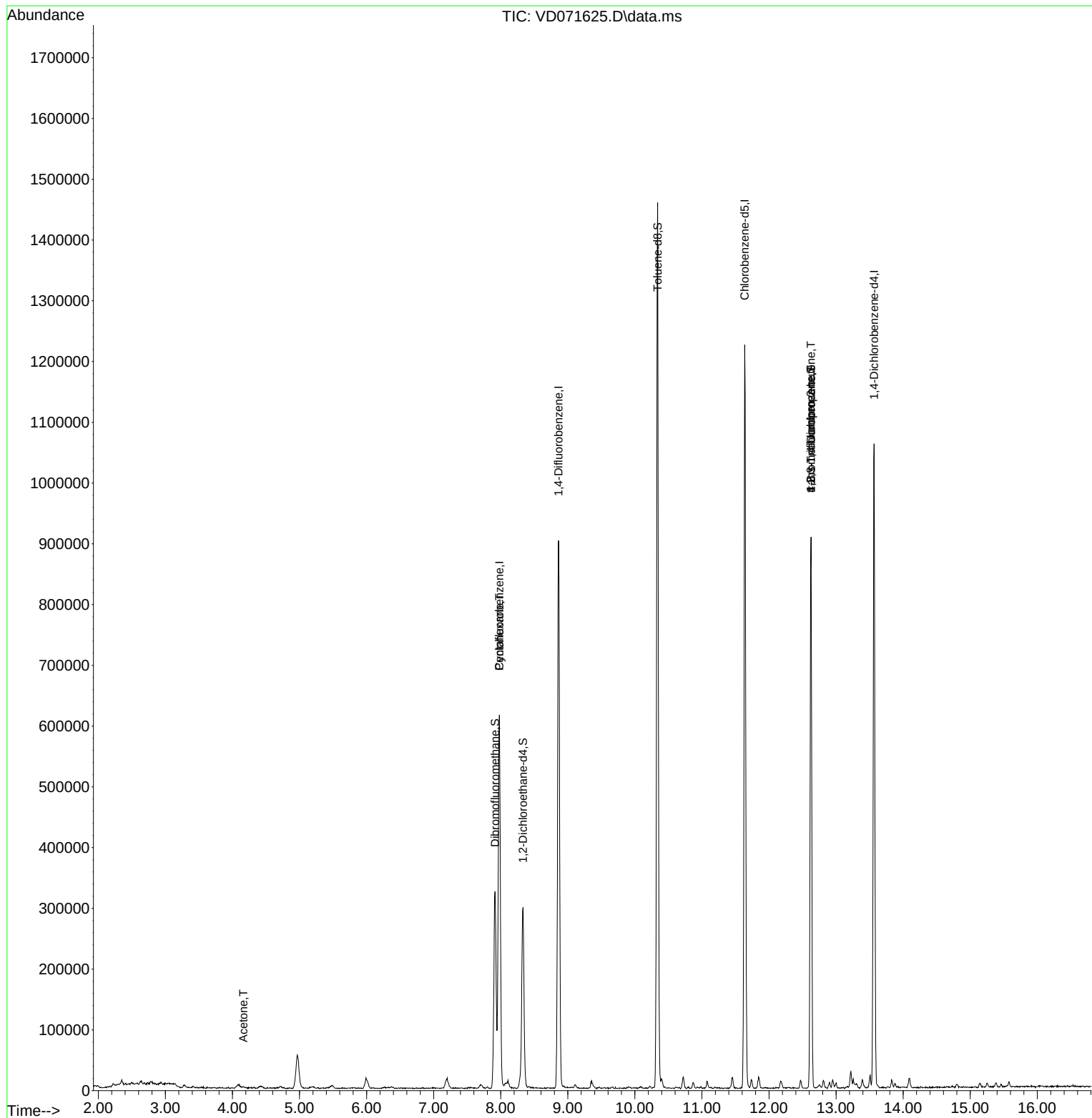
Internal Standards						
1) Pentafluorobenzene	7.979	168	410484	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	723187	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	621549	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	256156	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	240029	44.029	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	88.060%		
35) Dibromofluoromethane	7.914	113	224280	46.145	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	92.280%		
50) Toluene-d8	10.338	98	911646	49.634	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	99.260%		
62) 4-Bromofluorobenzene	12.626	95	269029	41.219	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	82.440%		
Target Compounds						
11) Tert butyl alcohol	5.185	59	1847	Below Cal	#	71
16) Acetone	4.162	43	3936	2.874	ug/l #	72
31) Cyclohexane	7.979	56	14956	1.615	ug/l #	40
76) 1,2,3-Trichloropropane	12.626	75	156475	51.411	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	156475	145.264	ug/l #	18

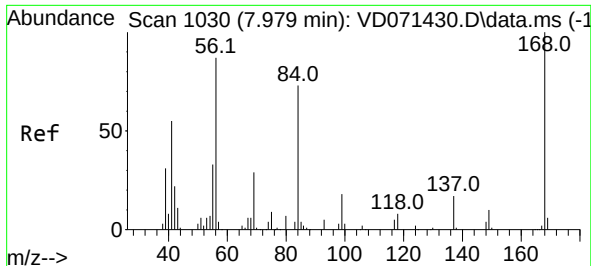
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Dec 23 08:20:24 2021
Response via : Initial Calibration

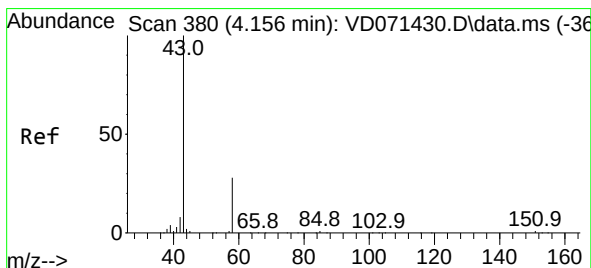
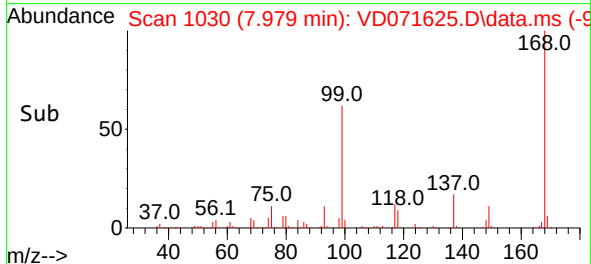
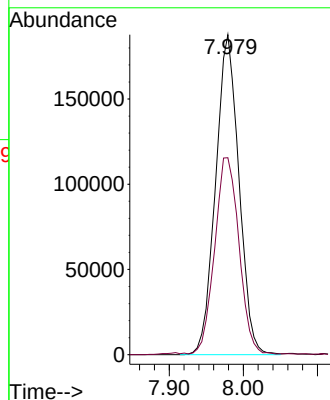
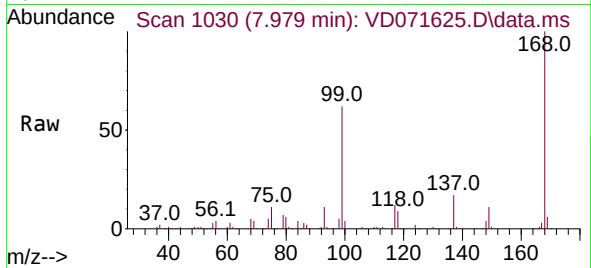




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD071625.D
Acq: 05 Jan 2022 20:19

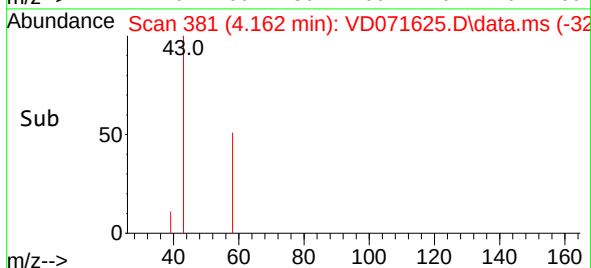
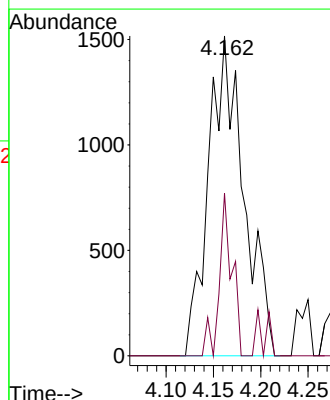
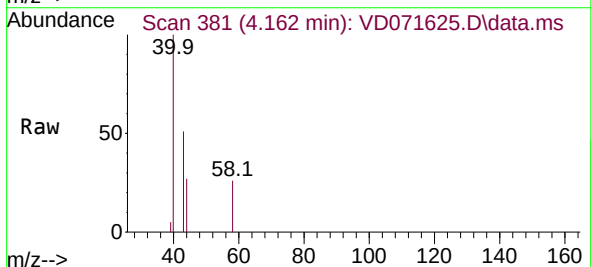
Instrument :
MSVOA_D
ClientSampleId :

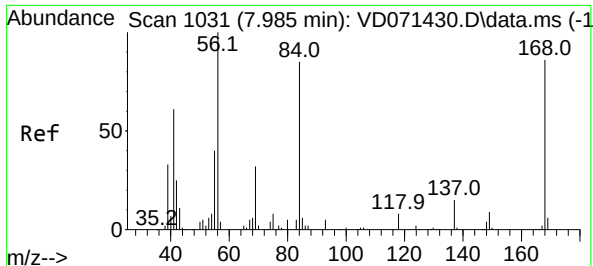
Tgt Ion:168 Resp: 410484
Ion Ratio Lower Upper
168 100
99 61.3 46.6 69.8



#16
Acetone
Concen: 2.874 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD071625.D
Acq: 05 Jan 2022 20:19

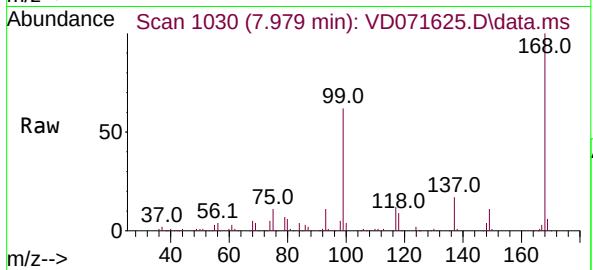
Tgt Ion: 43 Resp: 3936
Ion Ratio Lower Upper
43 100
58 50.8 27.8 41.8#



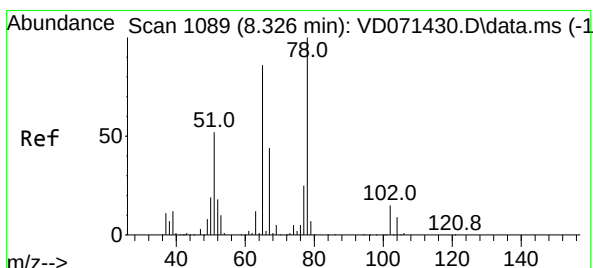
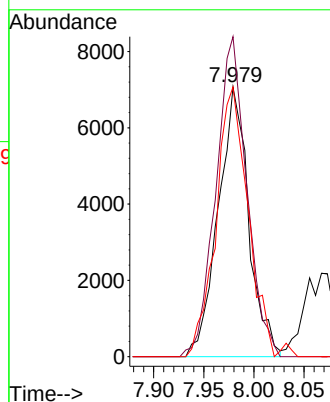
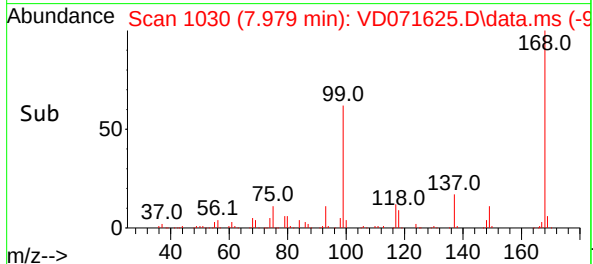


#31
Cyclohexane
Concen: 1.615 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071625.D
Acq: 05 Jan 2022 20:19

Instrument :
MSVOA_D
ClientSampleId :

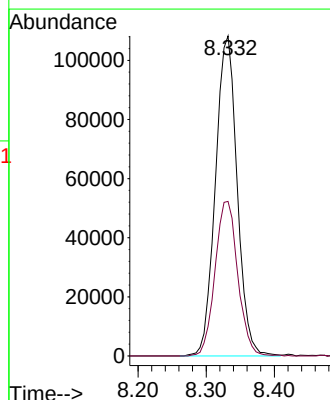
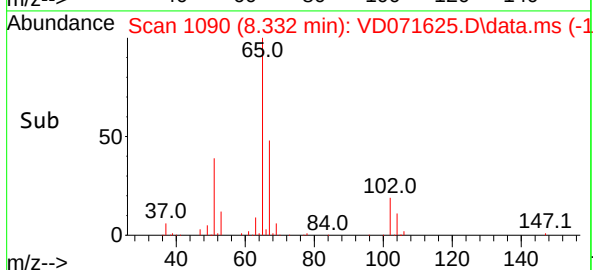
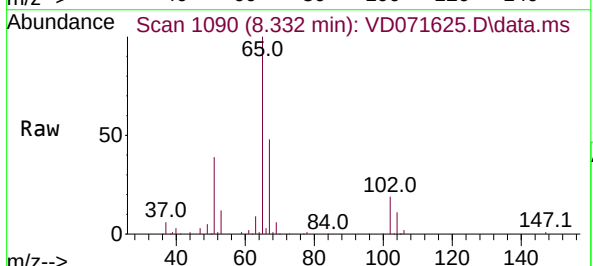


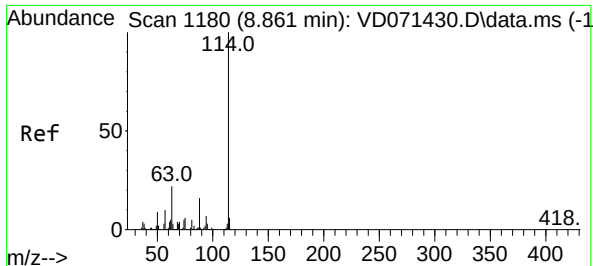
Tgt Ion: 56 Resp: 14956
Ion Ratio Lower Upper
56 100
69 118.7 25.9 38.9#
84 100.1 64.3 96.5#



#33
1,2-Dichloroethane-d4
Concen: 44.029 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD071625.D
Acq: 05 Jan 2022 20:19

Tgt Ion: 65 Resp: 240029
Ion Ratio Lower Upper
65 100
67 50.6 0.0 112.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD071625.D

Acq: 05 Jan 2022 20:19

Instrument :

MSVOA_D

ClientSampleId :

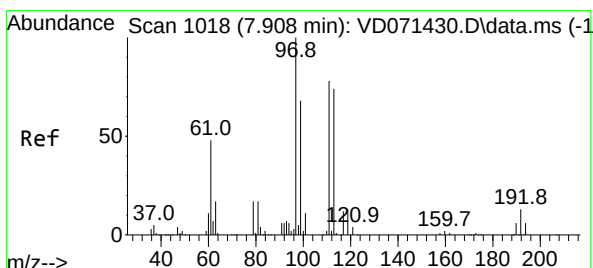
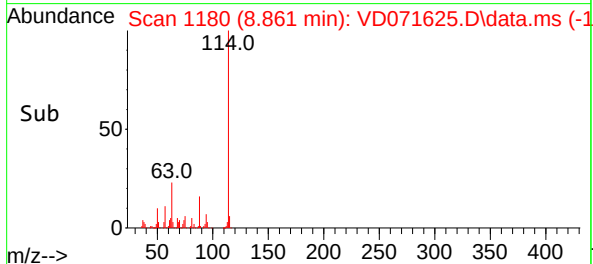
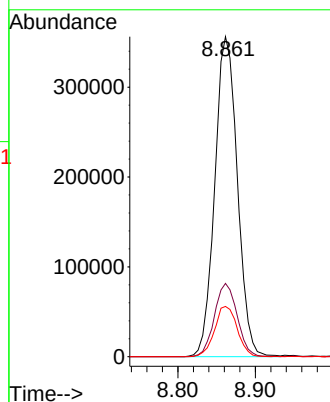
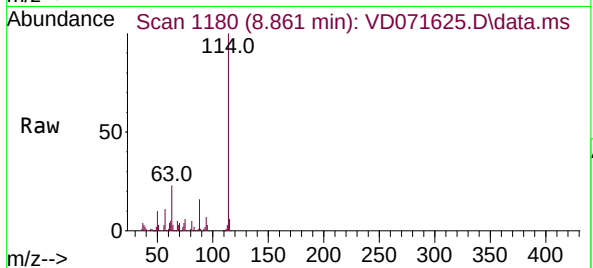
Tgt Ion:114 Resp: 723187

Ion Ratio Lower Upper

114 100

63 22.9 0.0 41.8

88 15.7 0.0 32.8



#35

Dibromofluoromethane

Concen: 46.145 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD071625.D

Acq: 05 Jan 2022 20:19

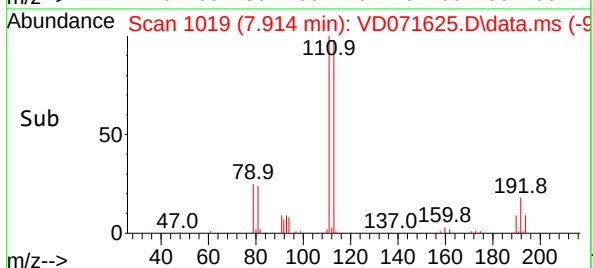
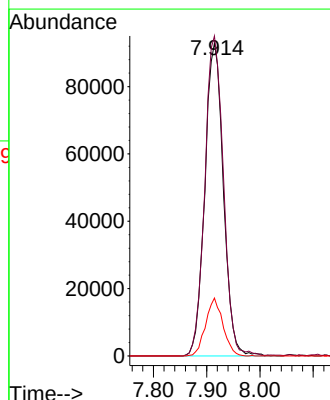
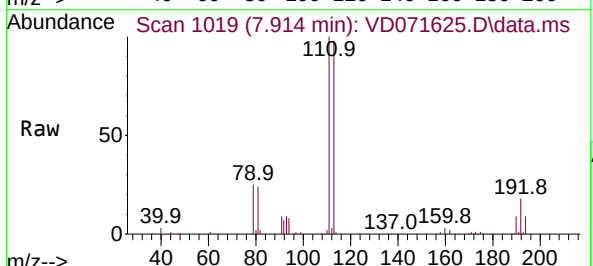
Tgt Ion:113 Resp: 224280

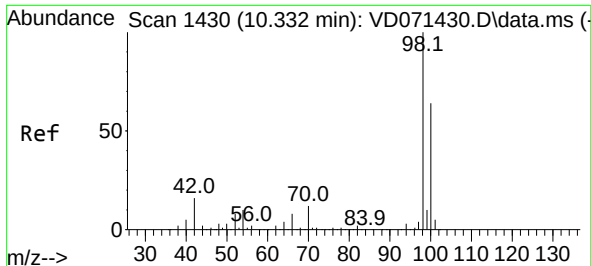
Ion Ratio Lower Upper

113 100

111 102.8 82.0 123.0

192 17.3 15.2 22.8

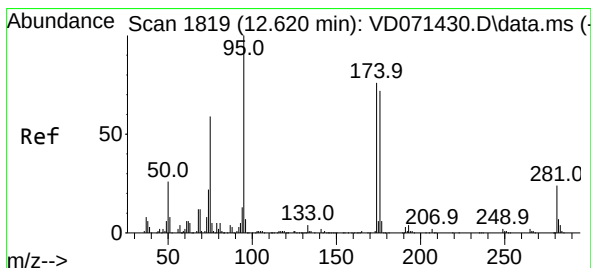
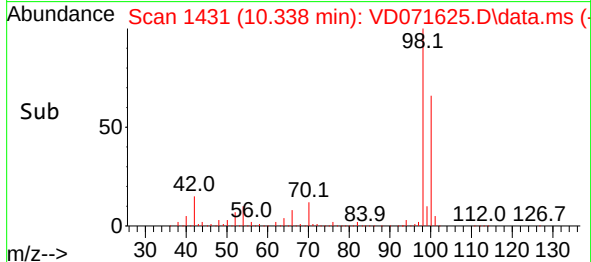
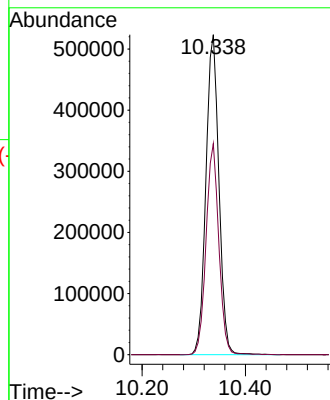
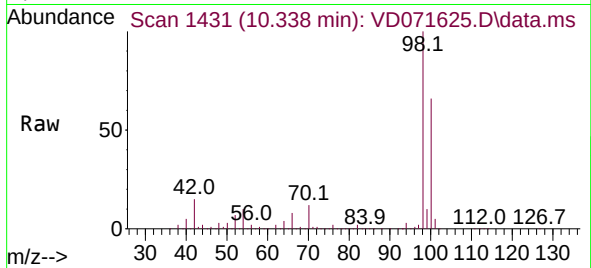




#50
Toluene-d8
Concen: 49.634 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD071625.D
Acq: 05 Jan 2022 20:19

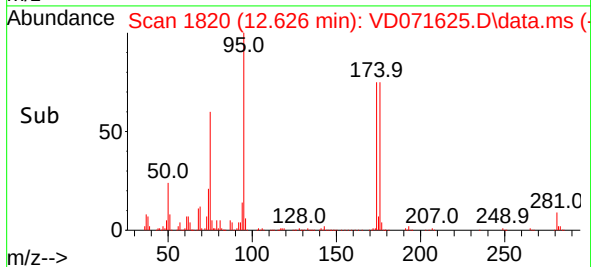
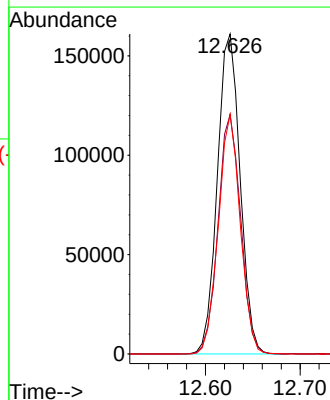
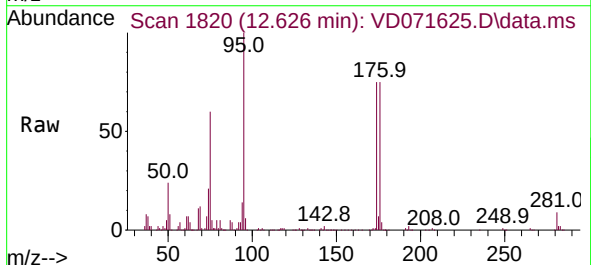
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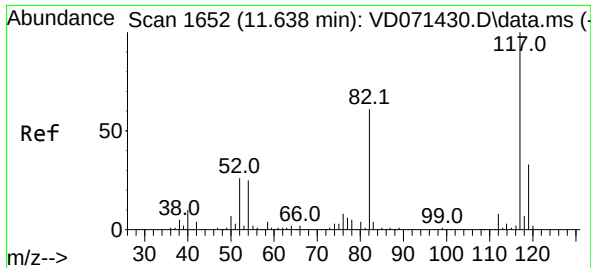
Tgt Ion: 98 Resp: 911646
Ion Ratio Lower Upper
98 100
100 64.7 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 41.219 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071625.D
Acq: 05 Jan 2022 20:19

Tgt Ion: 95 Resp: 269029
Ion Ratio Lower Upper
95 100
174 74.1 0.0 159.4
176 71.9 0.0 154.0

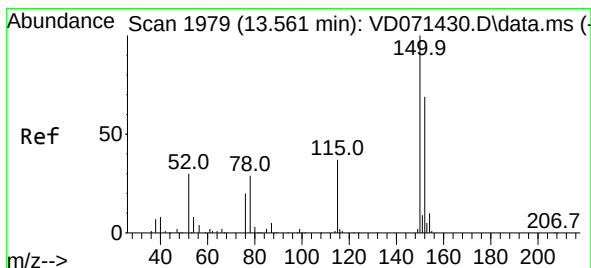
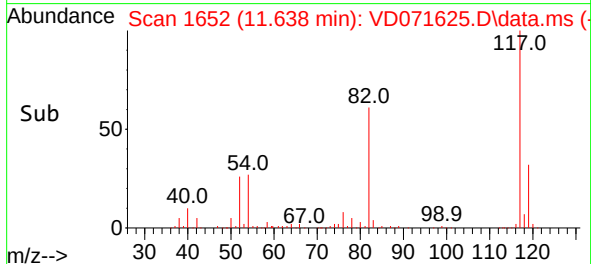
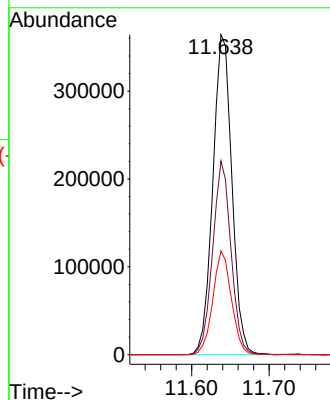
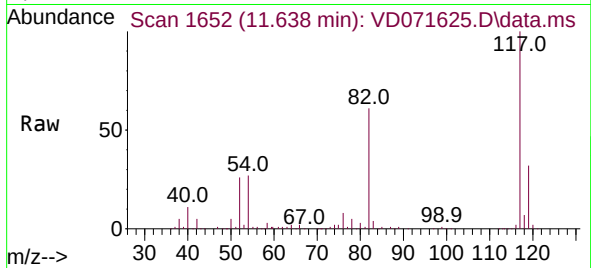




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD071625.D
Acq: 05 Jan 2022 20:19

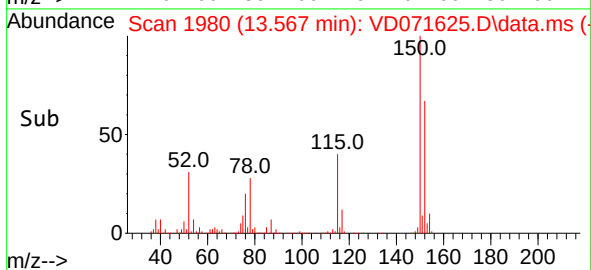
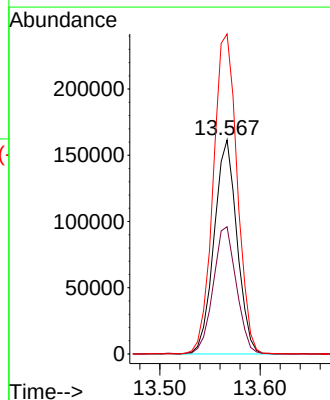
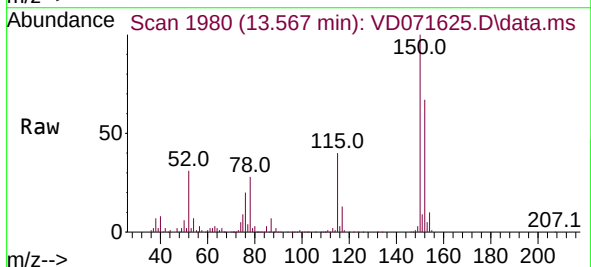
Instrument :
MSVOA_D
ClientSampleId :

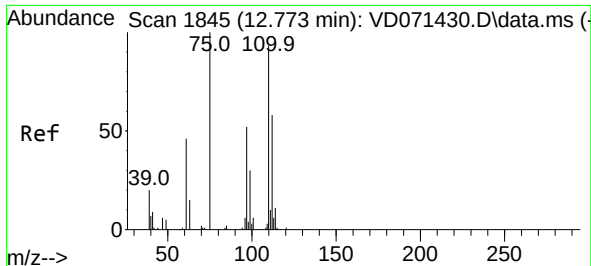
Tgt Ion:117 Resp: 621549
Ion Ratio Lower Upper
117 100
82 60.6 44.7 67.1
119 32.4 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD071625.D
Acq: 05 Jan 2022 20:19

Tgt Ion:152 Resp: 256156
Ion Ratio Lower Upper
152 100
115 60.4 29.8 89.3
150 156.5 0.0 349.2

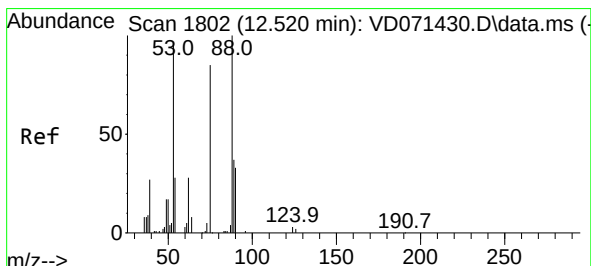
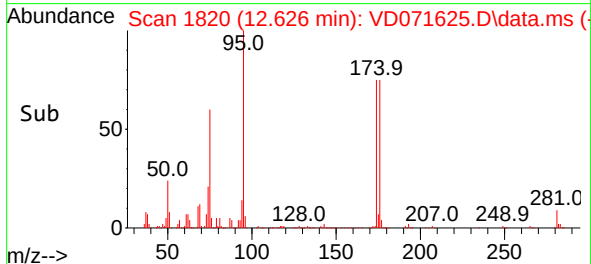
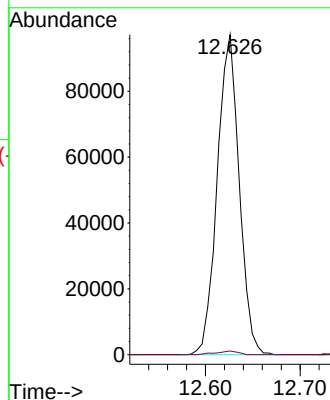
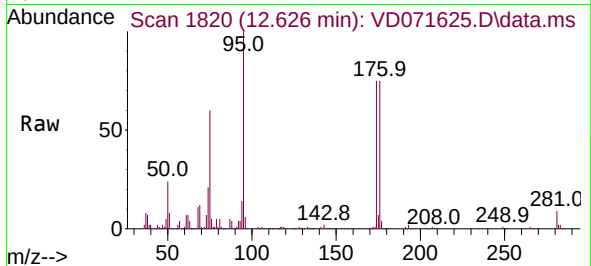




#76
1,2,3-Trichloropropane
Concen: 51.411 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD071625.D
Acq: 05 Jan 2022 20:19

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 156475
Ion Ratio Lower Upper
75 100
77 1.1 158.4 475.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 145.264 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD071625.D
Acq: 05 Jan 2022 20:19

Tgt Ion: 75 Resp: 156475
Ion Ratio Lower Upper
75 100
53 0.0 62.6 94.0#
89 0.2 34.5 51.7#

