

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020822\
 Data File : VD071916.D
 Acq On : 08 Feb 2022 14:23
 Operator : VA/SY
 Sample : N1423-10
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-25

Quant Time: Feb 09 03:51:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

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

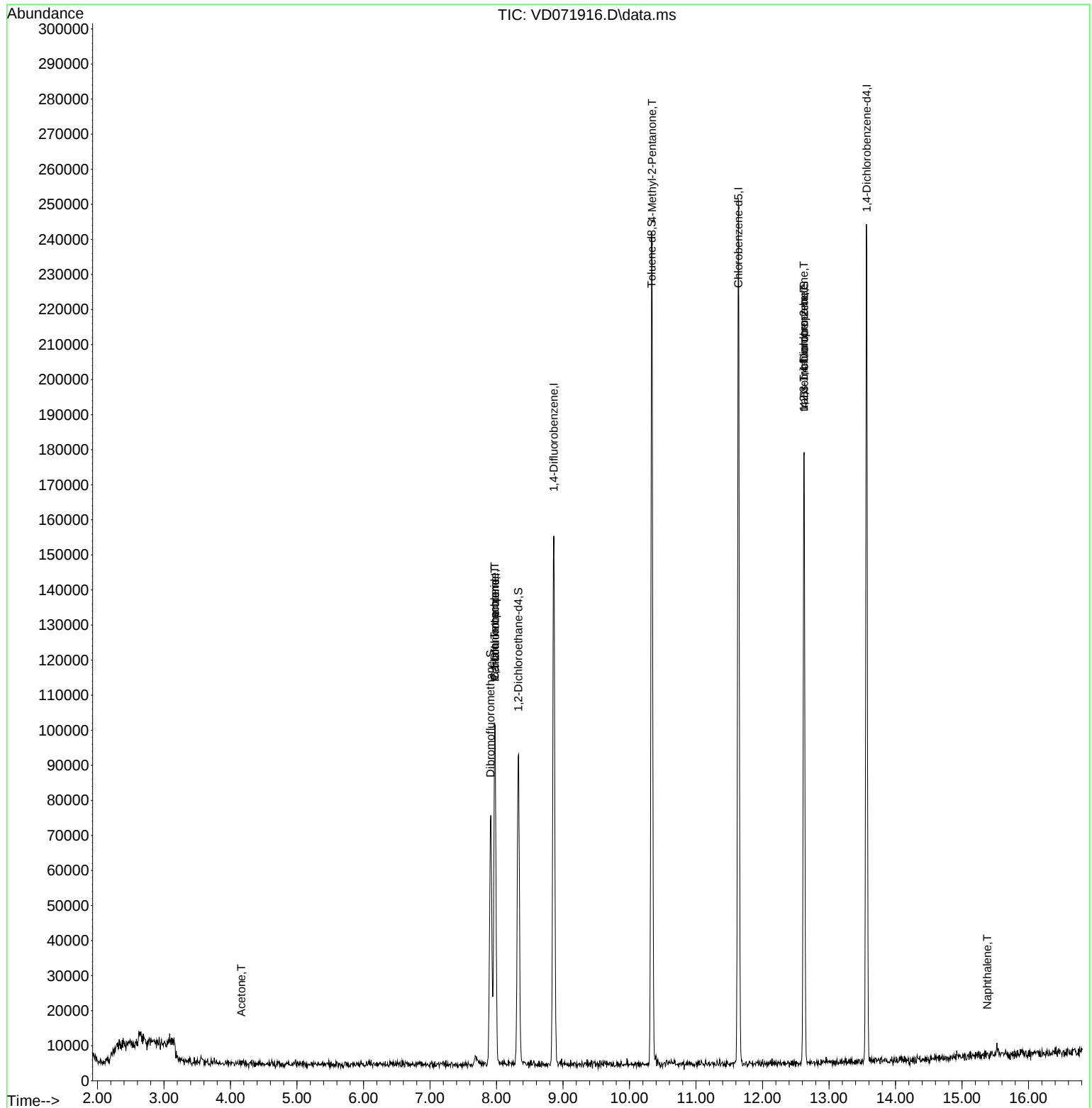
Internal Standards						
1) Pentafluorobenzene	7.979	168	68633	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.862	114	122945	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	131247	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	59505	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	74173	85.503	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 171.000%#	
35) Dibromofluoromethane	7.909	113	51188	63.340	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 126.680%	
50) Toluene-d8	10.332	98	156966	52.007	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.020%	
62) 4-Bromofluorobenzene	12.626	95	58064	55.090	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 110.180%	
Target Compounds						
					Qvalue	
16) Acetone	4.162	43	1091	4.594	ug/l #	47
20) Methylene Chloride	4.973	84	178	Below Cal	#	18
36) 1,1-Dichloropropene	7.973	75	6545	4.719	ug/l #	48
38) Carbon Tetrachloride	7.973	117	7657	5.582	ug/l #	16
51) 4-Methyl-2-Pentanone	10.338	43	1113	1.835	ug/l #	1
76) 1,2,3-Trichloropropane	12.620	75	30752	49.038	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	30752	120.573	ug/l #	7
95) Naphthalene	15.379	128	78	1.490	ug/l #	70

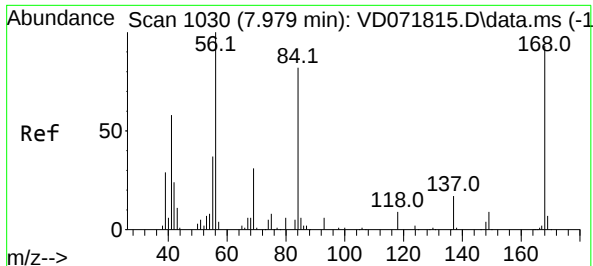
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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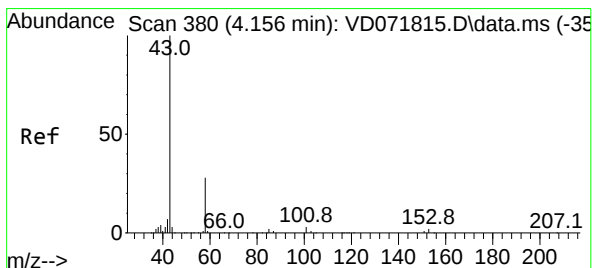
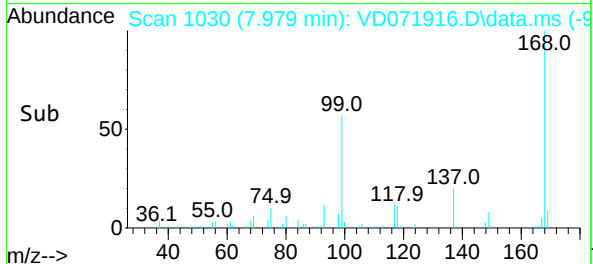
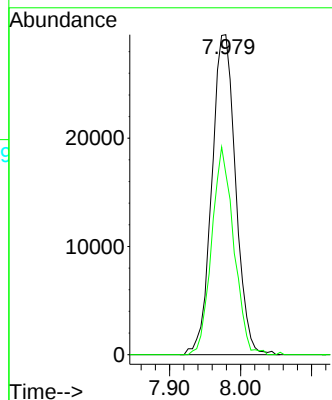
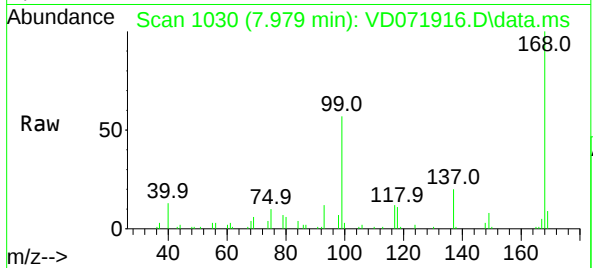




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD071916.D
Acq: 08 Feb 2022 14:23

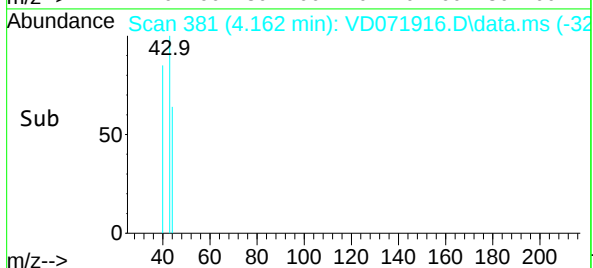
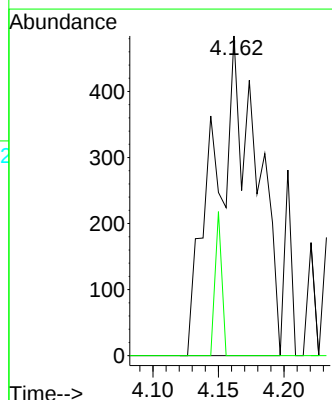
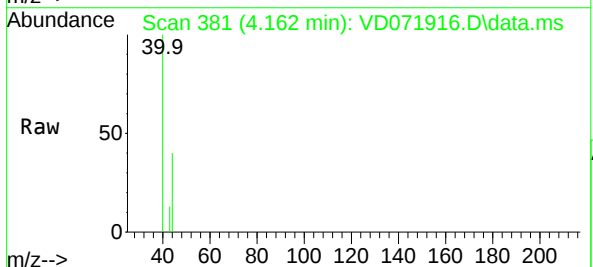
Instrument :
MSVOA_D
ClientSampleId :
TP-25

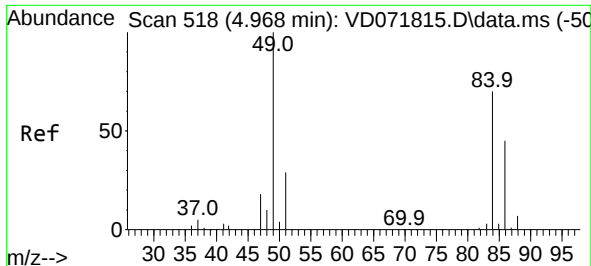
Tgt Ion:168 Resp: 68633
Ion Ratio Lower Upper
168 100
99 56.6 49.8 74.6



#16
Acetone
Concen: 4.594 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD071916.D
Acq: 08 Feb 2022 14:23

Tgt Ion: 43 Resp: 1091
Ion Ratio Lower Upper
43 100
58 0.0 22.1 33.1#

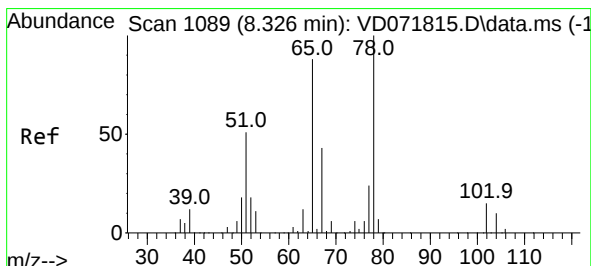
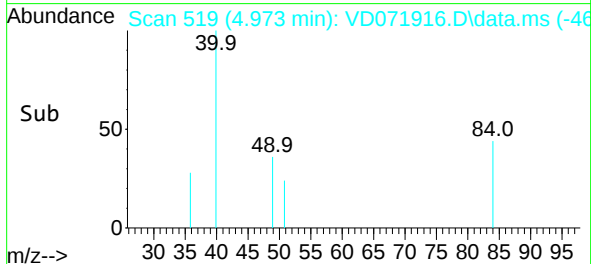
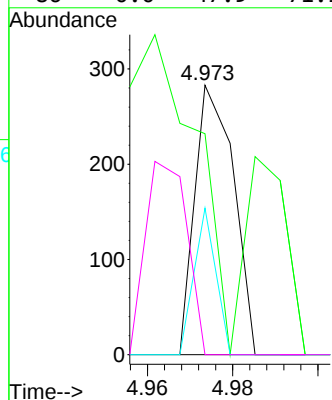
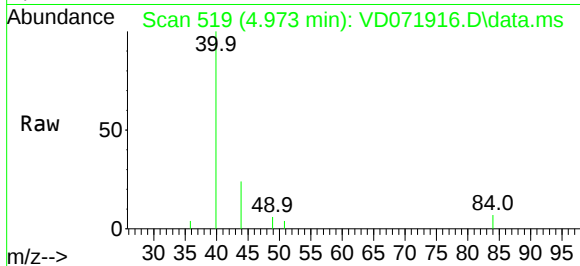




#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 518
Delta R.T. 0.006 min
Lab File: VD071916.D
Acq: 08 Feb 2022 14:23

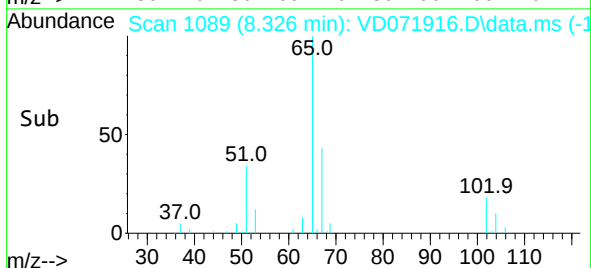
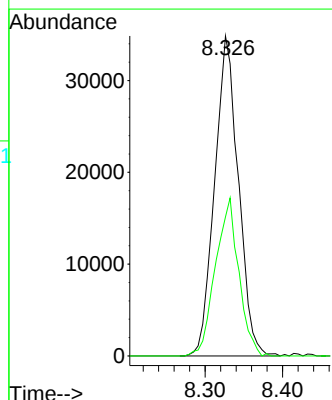
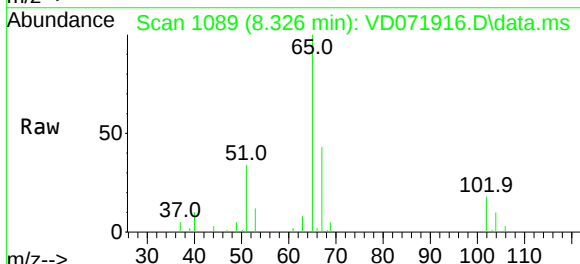
Instrument :
MSVOA_D
ClientSampleId :
TP-25

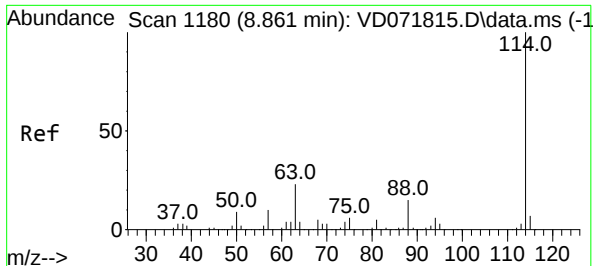
Tgt Ion: 84 Resp: 178
Ion Ratio Lower Upper
84 100
49 17.3 112.8 169.2#
51 54.4 32.6 48.8#
86 0.0 47.9 71.9#



#33
1,2-Dichloroethane-d4
Concen: 85.503 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD071916.D
Acq: 08 Feb 2022 14:23

Tgt Ion: 65 Resp: 74173
Ion Ratio Lower Upper
65 100
67 48.6 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.862 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD071916.D

Acq: 08 Feb 2022 14:23

Instrument :

MSVOA_D

ClientSampleId :

TP-25

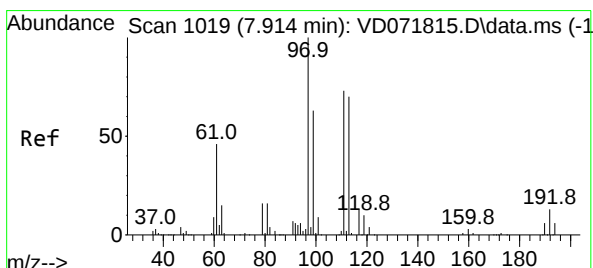
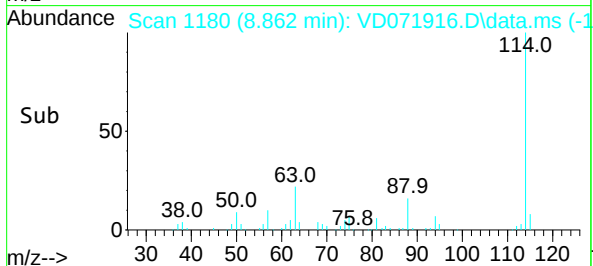
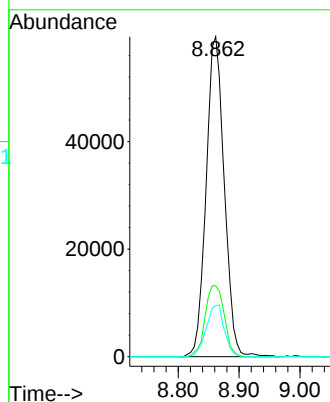
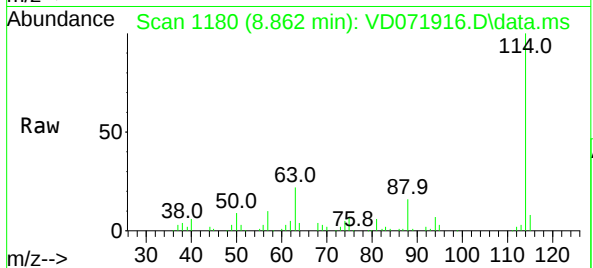
Tgt Ion:114 Resp: 122945

Ion Ratio Lower Upper

114 100

63 22.2 0.0 46.6

88 15.9 0.0 33.2



#35

Dibromofluoromethane

Concen: 63.340 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD071916.D

Acq: 08 Feb 2022 14:23

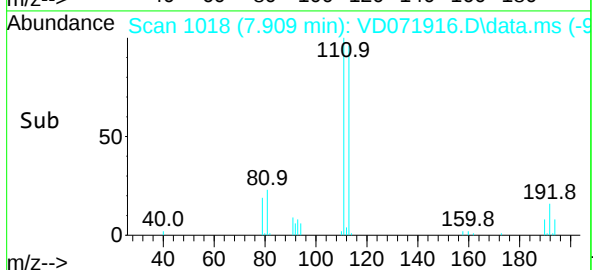
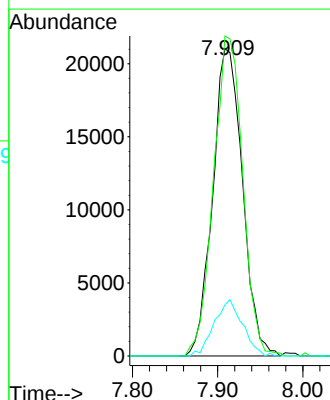
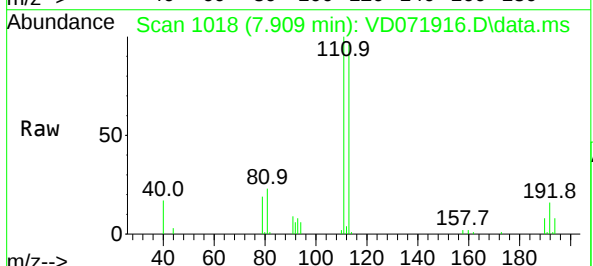
Tgt Ion:113 Resp: 51188

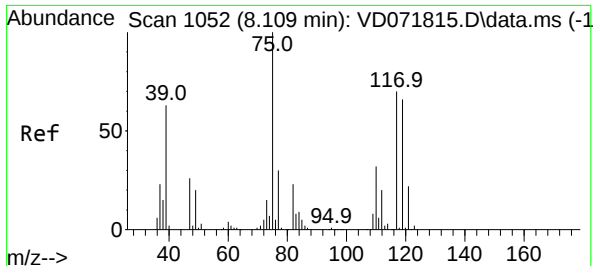
Ion Ratio Lower Upper

113 100

111 101.9 83.8 125.6

192 17.5 14.6 21.8





#36

1,1-Dichloropropene

Concen: 4.719 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.141 min

Lab File: VD071916.D

Acq: 08 Feb 2022 14:23

Instrument :

MSVOA_D

ClientSampleId :

TP-25

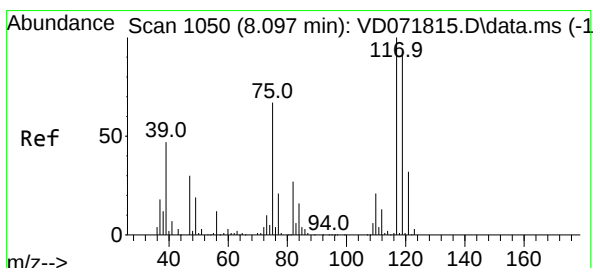
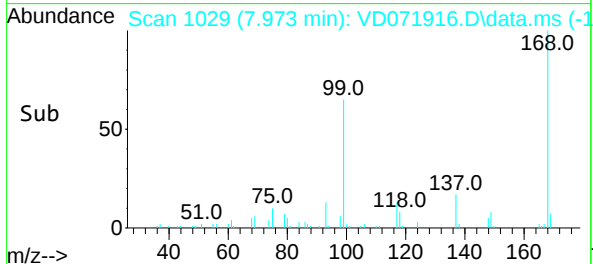
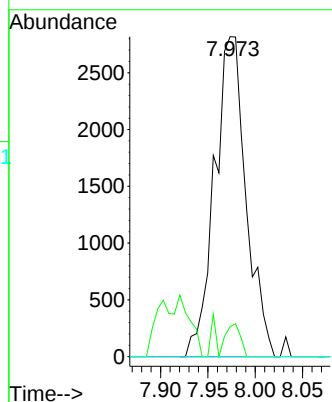
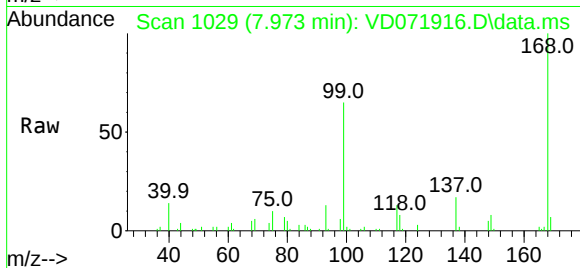
Tgt Ion: 75 Resp: 6545

Ion Ratio Lower Upper

75 100

110 4.8 16.4 49.1#

77 0.0 24.2 36.2#



#38

Carbon Tetrachloride

Concen: 5.582 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.123 min

Lab File: VD071916.D

Acq: 08 Feb 2022 14:23

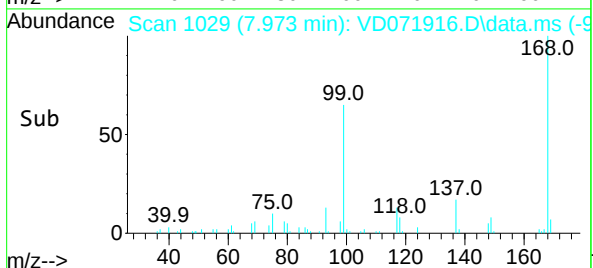
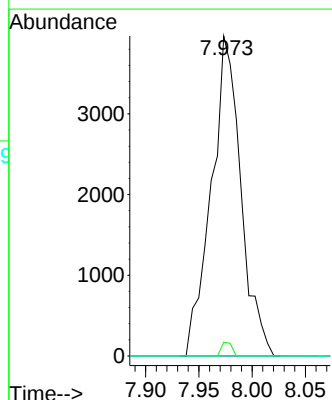
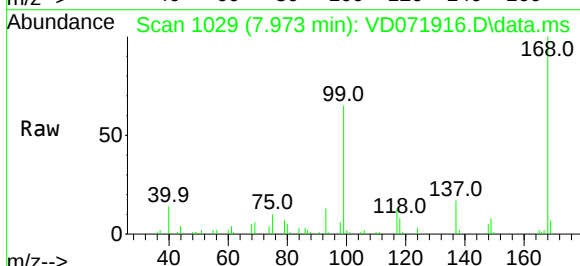
Tgt Ion: 117 Resp: 7657

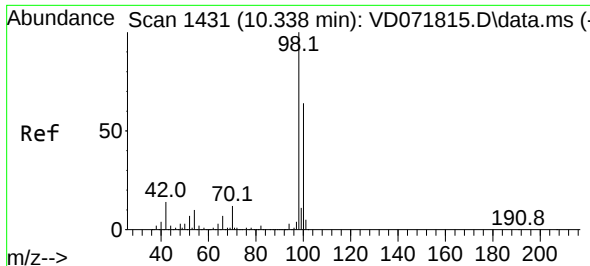
Ion Ratio Lower Upper

117 100

119 4.3 75.8 113.6#

121 0.0 24.5 36.7#

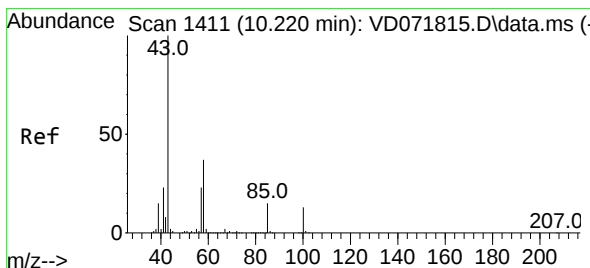
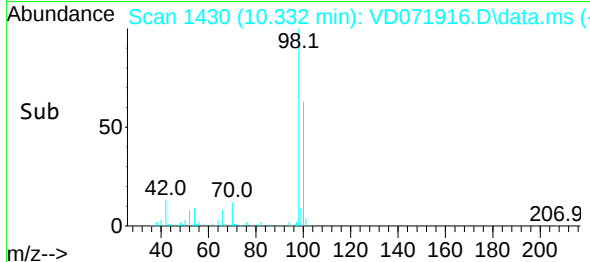
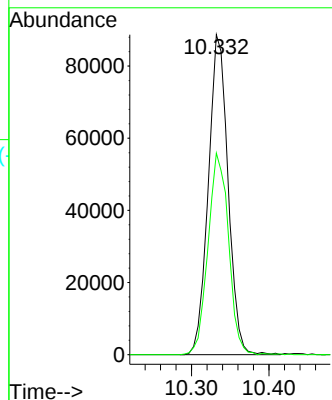
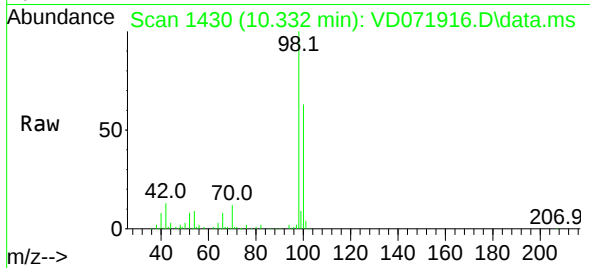




#50
Toluene-d8
Concen: 52.007 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD071916.D
Acq: 08 Feb 2022 14:23

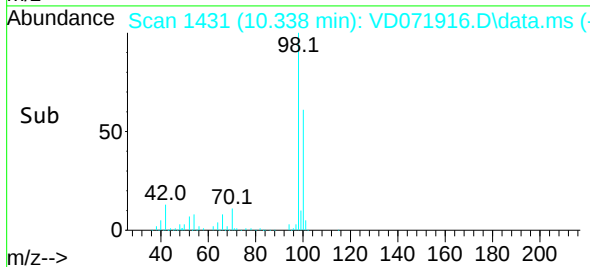
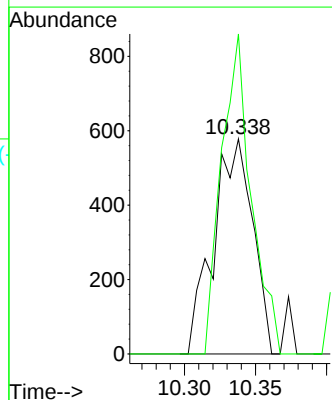
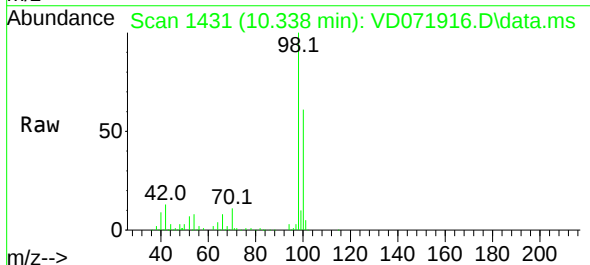
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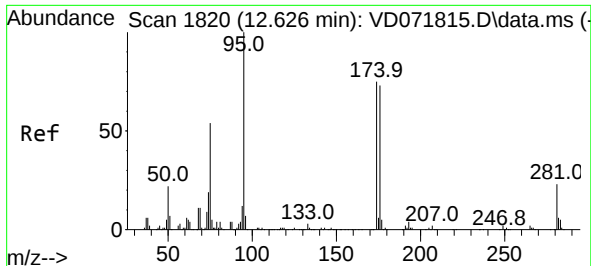
Tgt Ion: 98 Resp: 156966
Ion Ratio Lower Upper
98 100
100 65.5 52.4 78.6



#51
4-Methyl-2-Pentanone
Concen: 1.835 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.112 min
Lab File: VD071916.D
Acq: 08 Feb 2022 14:23

Tgt Ion: 43 Resp: 1113
Ion Ratio Lower Upper
43 100
58 112.8 28.6 43.0#

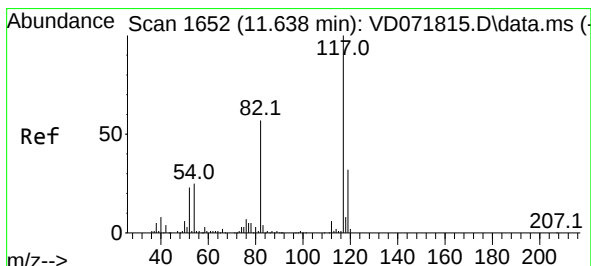
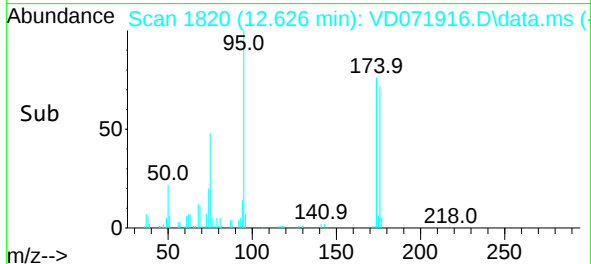
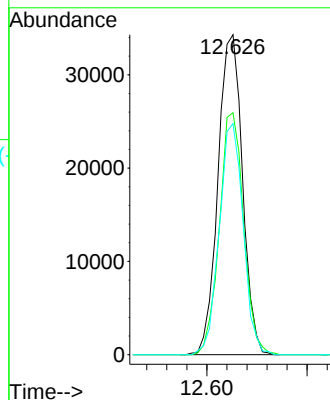
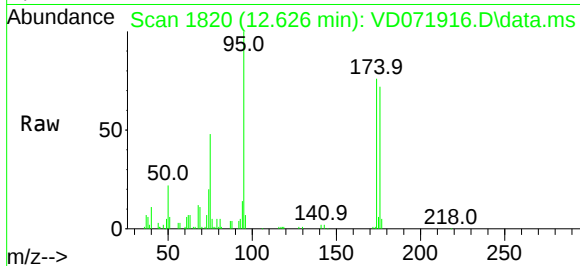




#62
4-Bromofluorobenzene
Concen: 55.090 ug/l
RT: 12.626 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD071916.D
Acq: 08 Feb 2022 14:23

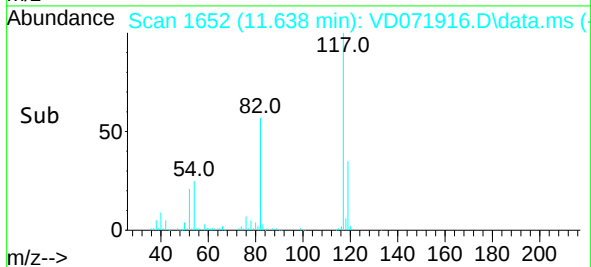
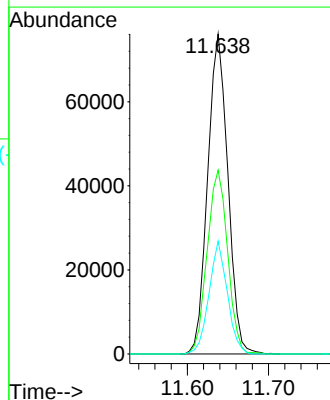
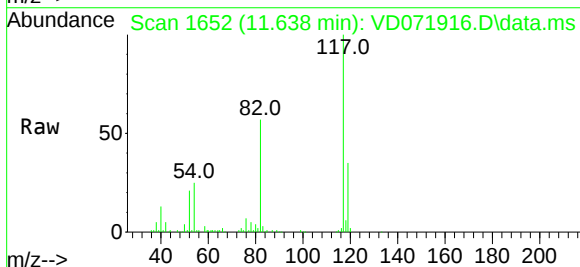
Instrument :
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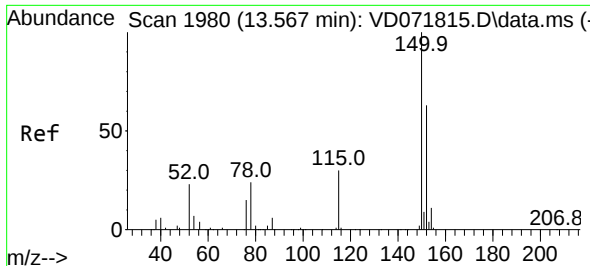
Tgt Ion: 95 Resp: 58064
Ion Ratio Lower Upper
95 100
174 74.8 0.0 152.8
176 70.6 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD071916.D
Acq: 08 Feb 2022 14:23

Tgt Ion: 117 Resp: 131247
Ion Ratio Lower Upper
117 100
82 57.5 45.3 67.9
119 35.3 26.6 40.0

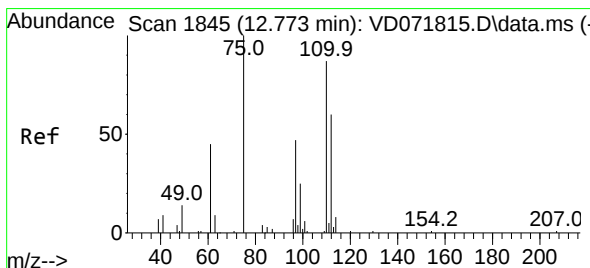
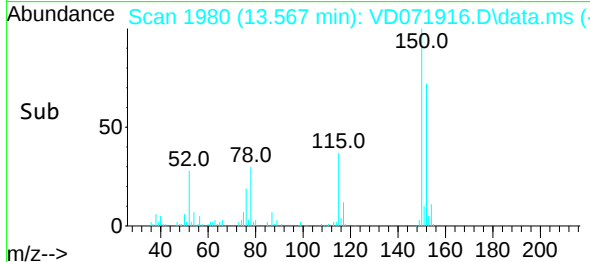
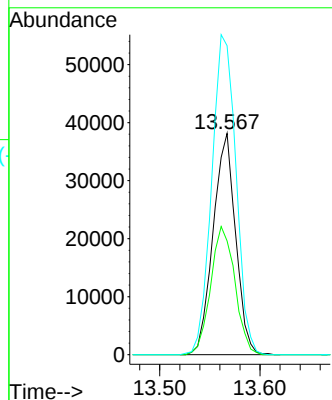
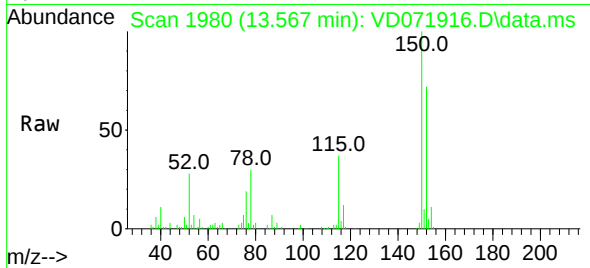




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. 0.000 min
 Lab File: VD071916.D
 Acq: 08 Feb 2022 14:23

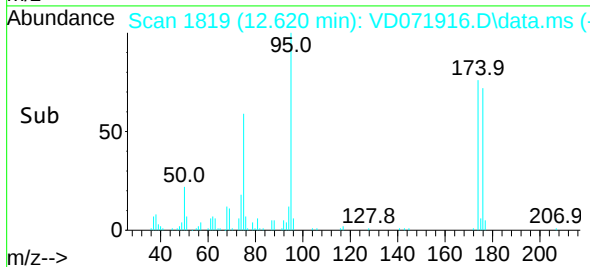
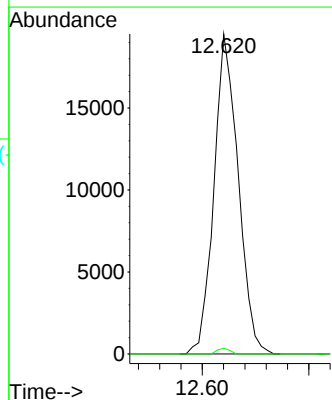
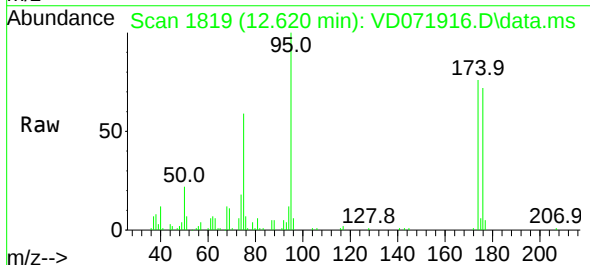
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-25

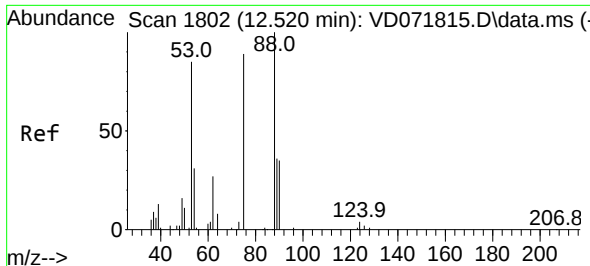
Tgt Ion:152 Resp: 59505
 Ion Ratio Lower Upper
 152 100
 115 62.1 31.3 93.8
 150 155.8 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 49.038 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.153 min
 Lab File: VD071916.D
 Acq: 08 Feb 2022 14:23

Tgt Ion: 75 Resp: 30752
 Ion Ratio Lower Upper
 75 100
 77 0.9 0.0 0.0#

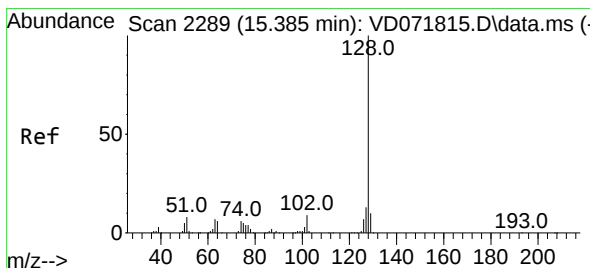
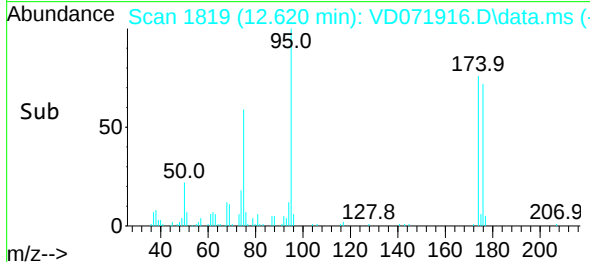
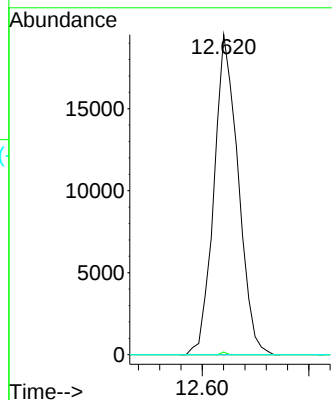
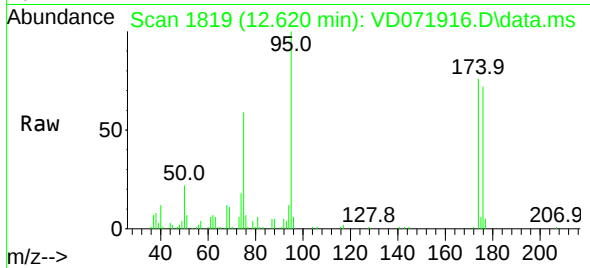




#81
trans-1,4-Dichloro-2-butene
Concen: 120.573 ug/l
RT: 12.620 min Scan# 1802
Delta R.T. 0.100 min
Lab File: VD071916.D
Acq: 08 Feb 2022 14:23

Instrument :
MSVOA_D
ClientSampleId :
TP-25

Tgt Ion: 75 Resp: 30752
Ion Ratio Lower Upper
75 100
53 0.2 86.5 129.7#
89 0.0 33.9 50.9#



#95
Naphthalene
Concen: 1.490 ug/l
RT: 15.379 min Scan# 2288
Delta R.T. -0.006 min
Lab File: VD071916.D
Acq: 08 Feb 2022 14:23

Tgt Ion: 128 Resp: 78
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.4 12.6#

