

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011222\
 Data File : VD071691.D
 Acq On : 12 Jan 2022 17:29
 Operator : VA/SY
 Sample : N1106-11
 Misc : 5.92G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SO-0022C-03-6

Quant Time: Jan 13 05:29:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 07 15:39:14 2022
 Response via : Initial Calibration

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

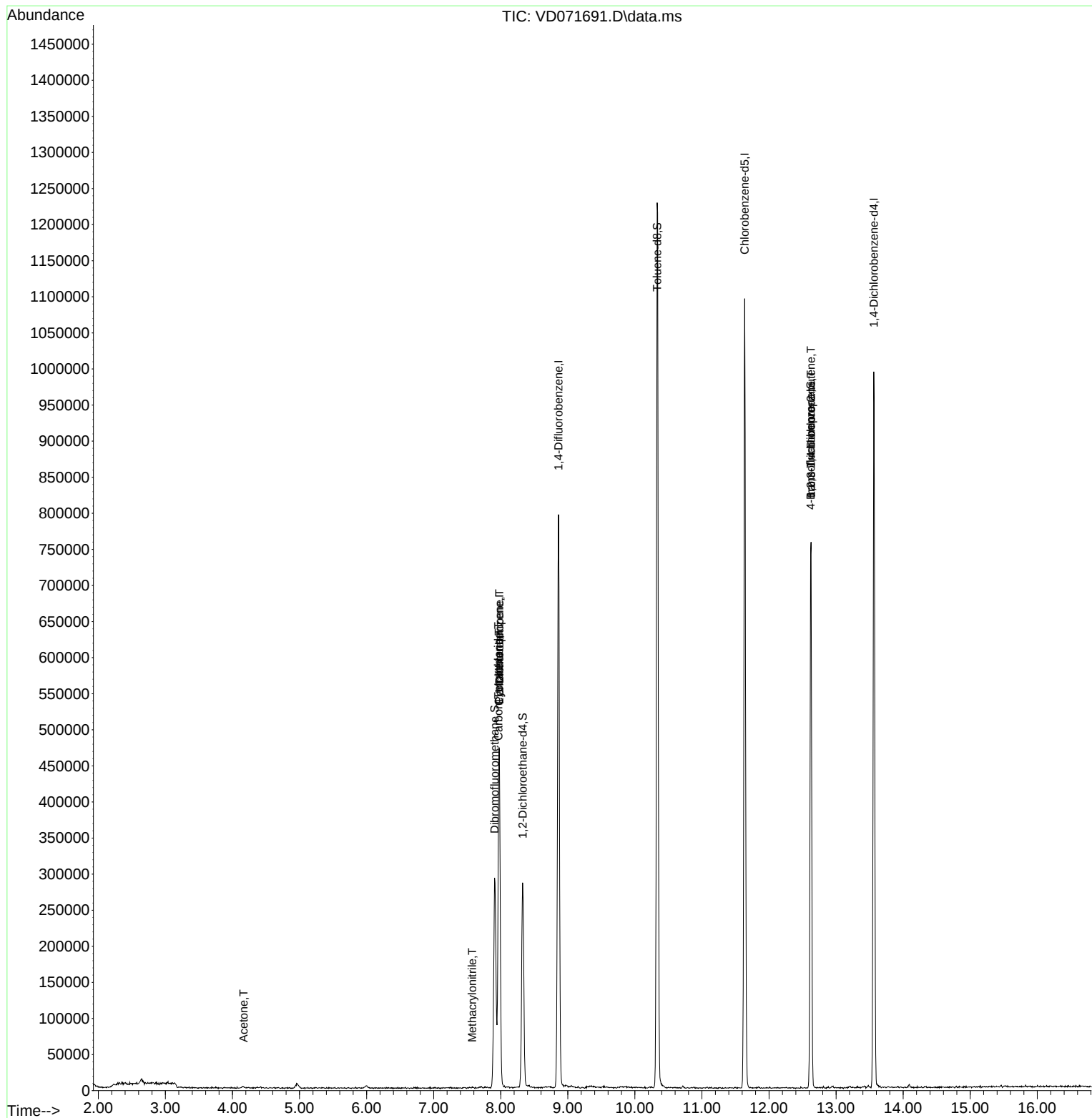
Internal Standards						
1) Pentafluorobenzene	7.979	168	325592	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	612685	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	554357	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	235593	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	227477	54.298	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.600%	
35) Dibromofluoromethane	7.908	113	205609	50.779	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.560%	
50) Toluene-d8	10.332	98	794768	52.435	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.880%	
62) 4-Bromofluorobenzene	12.620	95	239268	44.799	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 89.600%	
Target Compounds						Qvalue
3) Chloromethane	2.215	50	559	Below Cal	#	43
5) Bromomethane	2.785	94	369	Below Cal	#	4
11) Tert butyl alcohol	5.162	59	56	Below Cal	#	1
16) Acetone	4.167	43	3826	3.956	ug/l	90
18) Methyl Acetate	4.703	43	82	Below Cal	#	56
20) Methylene Chloride	4.962	84	3681	Below Cal	#	73
31) Cyclohexane	7.973	56	10040	2.041	ug/l	# 43
36) 1,1-Dichloropropene	7.979	75	31505	5.455	ug/l	# 52
38) Carbon Tetrachloride	7.967	117	35911	6.139	ug/l	# 17
41) Methacrylonitrile	7.573	41	322	1.321	ug/l	# 51
76) 1,2,3-Trichloropropane	12.626	75	136906	60.139	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.626	75	136906	167.661	ug/l	# 3

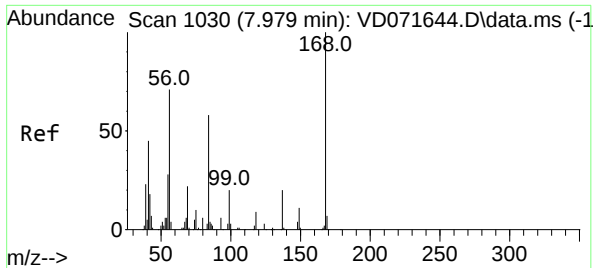
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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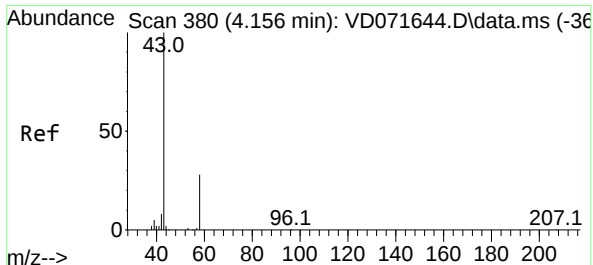
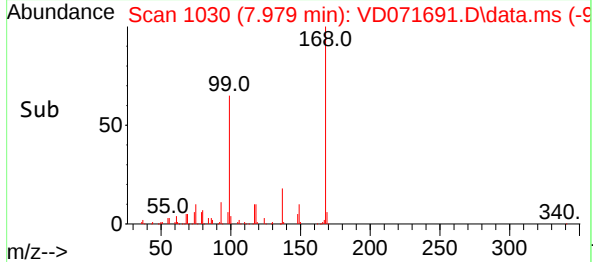
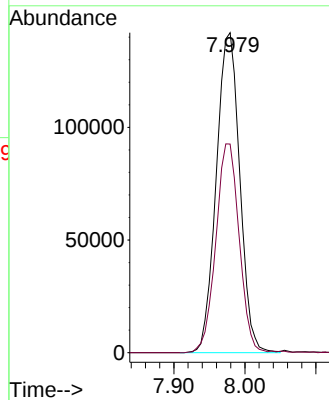
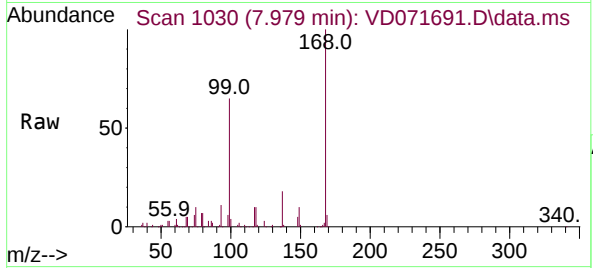




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD071691.D
Acq: 12 Jan 2022 17:29

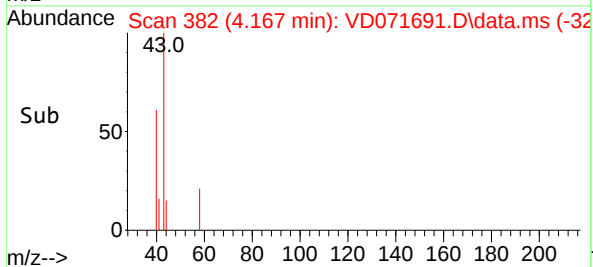
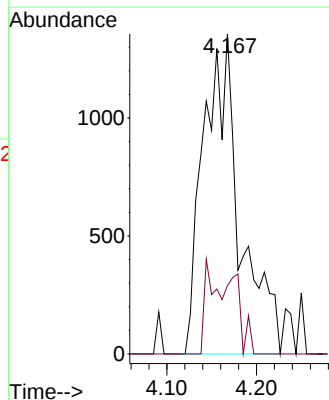
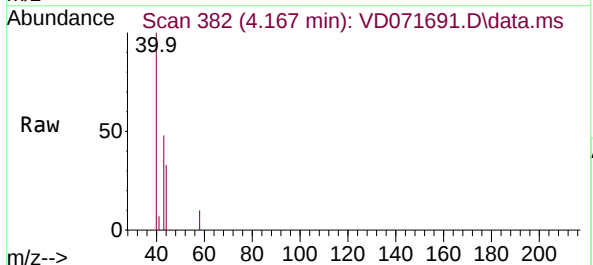
Instrument :
MSVOA_D
ClientSampleId :
SO-0022C-03-6

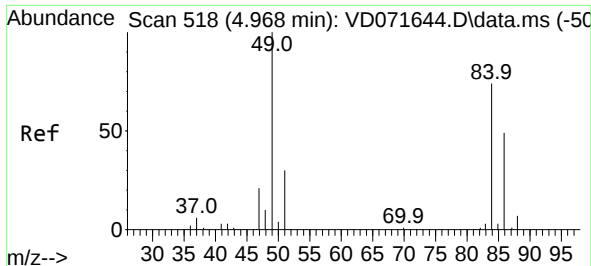
Tgt Ion:168 Resp: 325592
Ion Ratio Lower Upper
168 100
99 65.2 51.8 77.6



#16
Acetone
Concen: 3.956 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.012 min
Lab File: VD071691.D
Acq: 12 Jan 2022 17:29

Tgt Ion: 43 Resp: 3826
Ion Ratio Lower Upper
43 100
58 21.3 21.0 31.6

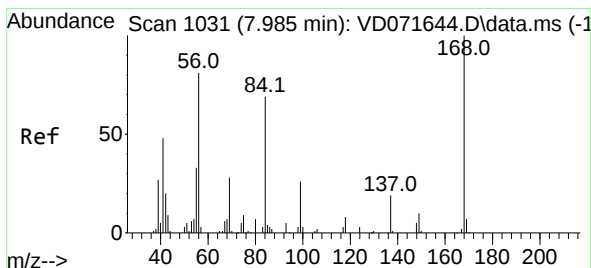
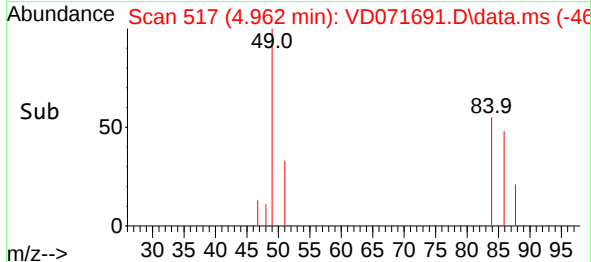
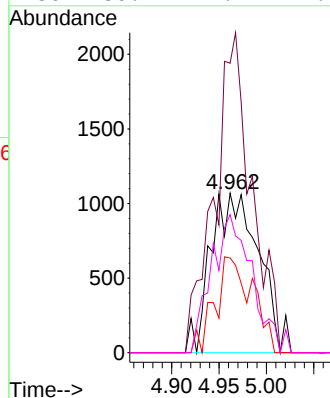
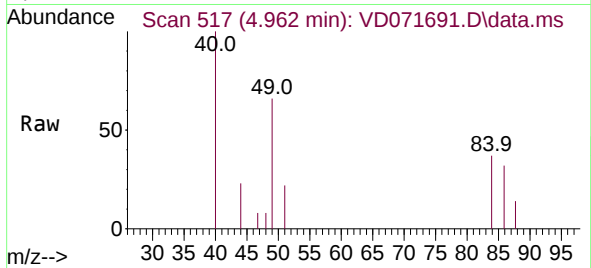




#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 51
Delta R.T. -0.005 min
Lab File: VD071691.D
Acq: 12 Jan 2022 17:29

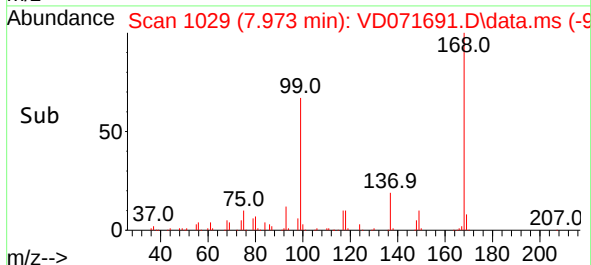
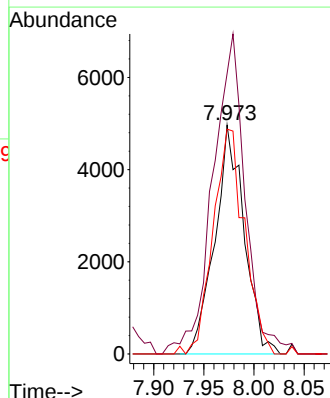
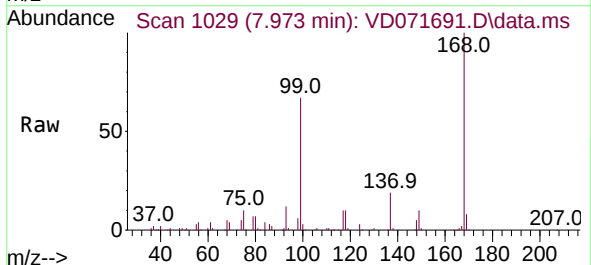
Instrument :
MSVOA_D
ClientSampleId :
SO-0022C-03-6

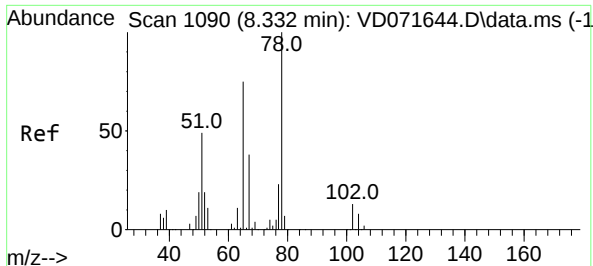
Tgt Ion:	84	Resp:	3681
Ion	Ratio	Lower	Upper
84	100		
49	181.6	118.6	178.0#
51	59.5	37.8	56.6#
86	86.7	47.9	71.9#



#31
Cyclohexane
Concen: 2.041 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.017 min
Lab File: VD071691.D
Acq: 12 Jan 2022 17:29

Tgt Ion:	56	Resp:	10040
Ion	Ratio	Lower	Upper
56	100		
69	118.1	21.7	32.5#
84	98.2	65.7	98.5





#33

1,2-Dichloroethane-d4

Concen: 54.298 ug/l

RT: 8.326 min Scan# 1090

Delta R.T. -0.006 min

Lab File: VD071691.D

Acq: 12 Jan 2022 17:29

Instrument :

MSVOA_D

ClientSampleId :

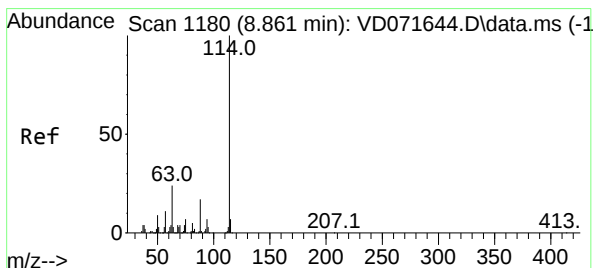
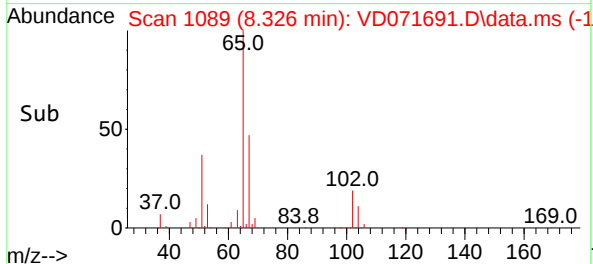
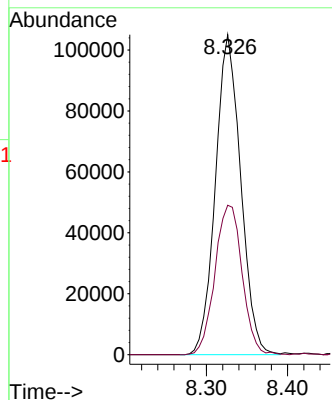
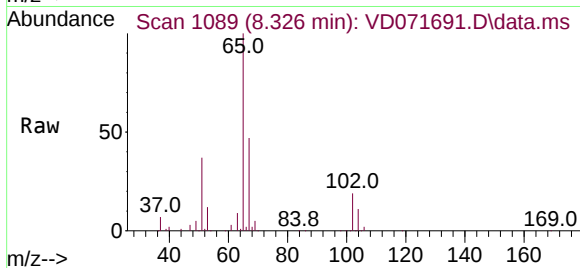
SO-0022C-03-6

Tgt Ion: 65 Resp: 227477

Ion Ratio Lower Upper

65 100

67 50.1 0.0 101.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.006 min

Lab File: VD071691.D

Acq: 12 Jan 2022 17:29

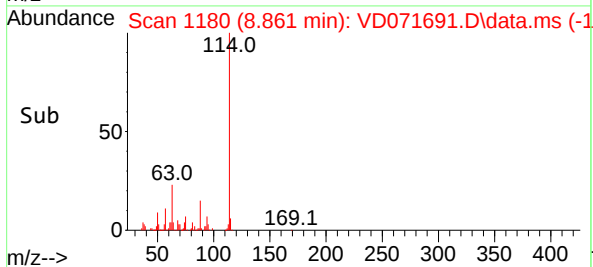
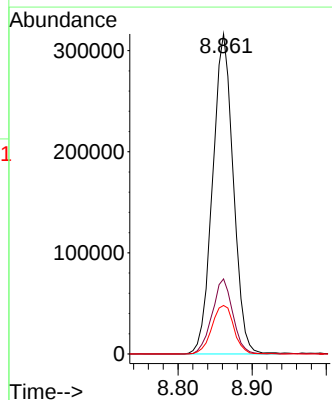
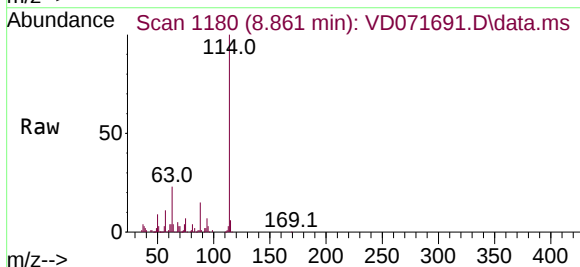
Tgt Ion: 114 Resp: 612685

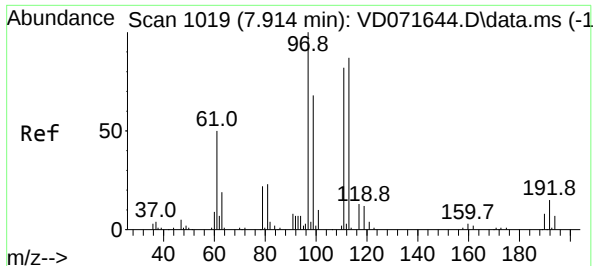
Ion Ratio Lower Upper

114 100

63 23.4 0.0 46.2

88 15.1 0.0 32.0





#35

Dibromofluoromethane

Concen: 50.779 ug/l

RT: 7.908 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD071691.D

Acq: 12 Jan 2022 17:29

Instrument :

MSVOA_D

ClientSampleId :

SO-0022C-03-6

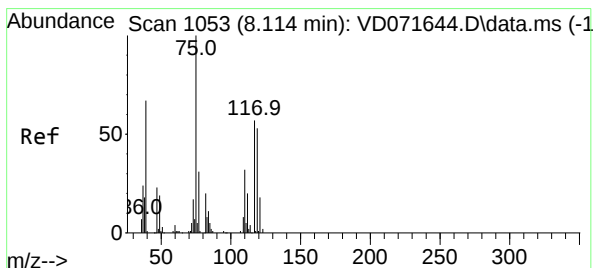
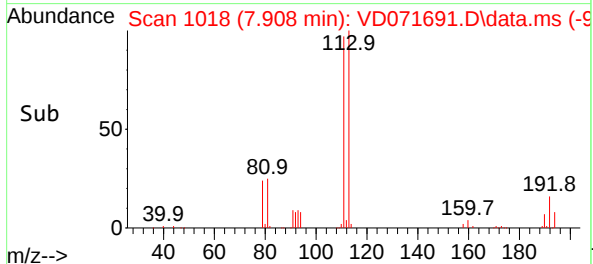
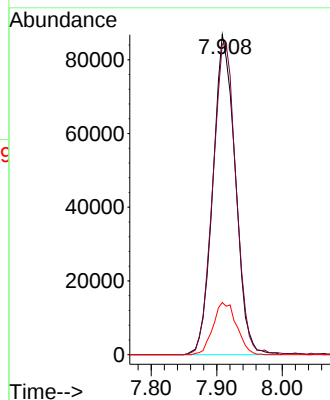
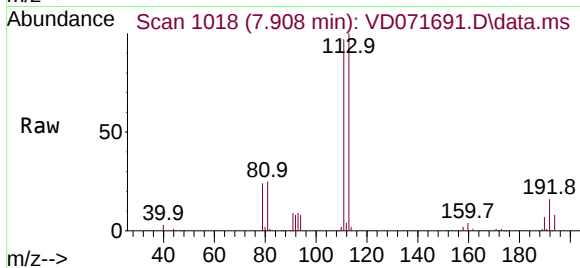
Tgt Ion:113 Resp: 205609

Ion Ratio Lower Upper

113 100

111 101.2 82.2 123.4

192 17.1 14.2 21.2



#36

1,1-Dichloropropene

Concen: 5.455 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.135 min

Lab File: VD071691.D

Acq: 12 Jan 2022 17:29

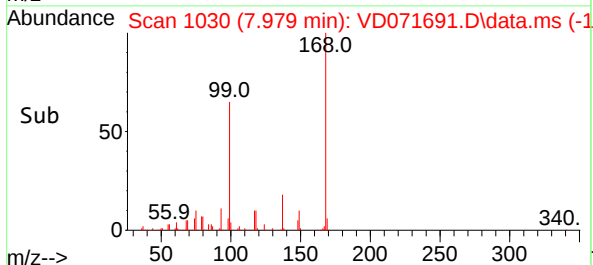
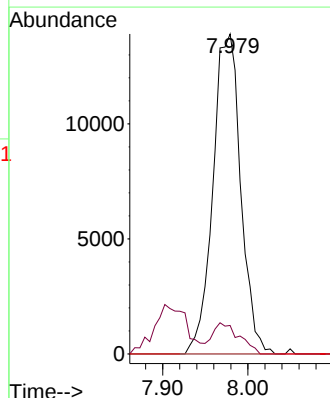
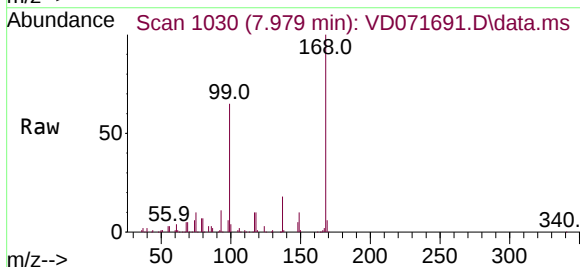
Tgt Ion: 75 Resp: 31505

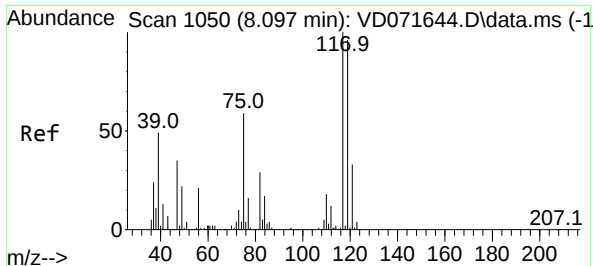
Ion Ratio Lower Upper

75 100

110 9.3 16.0 48.0#

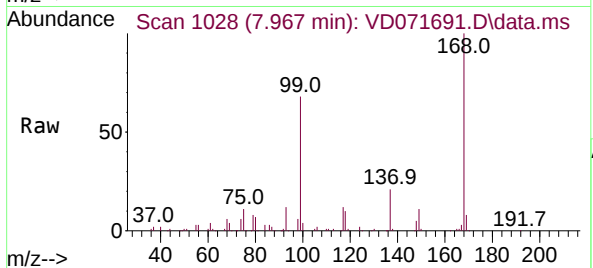
77 0.0 24.5 36.7#



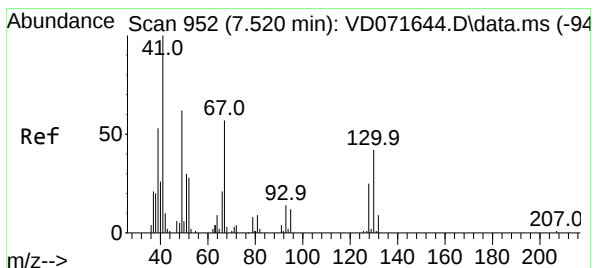
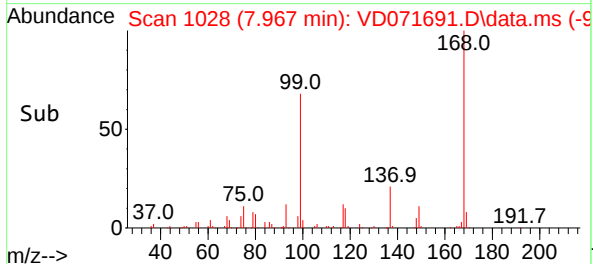
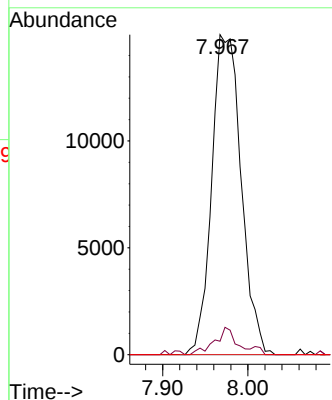


#38
Carbon Tetrachloride
Concen: 6.139 ug/l
RT: 7.967 min Scan# 1050
Delta R.T. -0.129 min
Lab File: VD071691.D
Acq: 12 Jan 2022 17:29

Instrument :
MSVOA_D
ClientSampleId :
SO-0022C-03-6

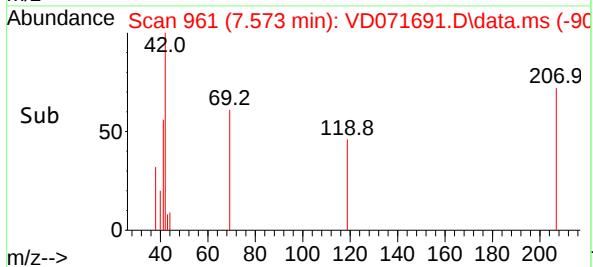
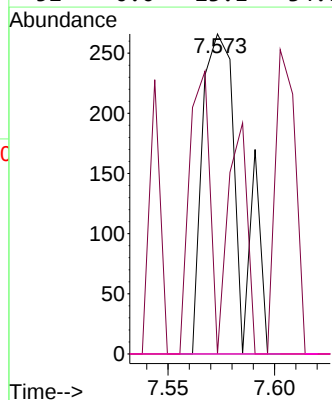
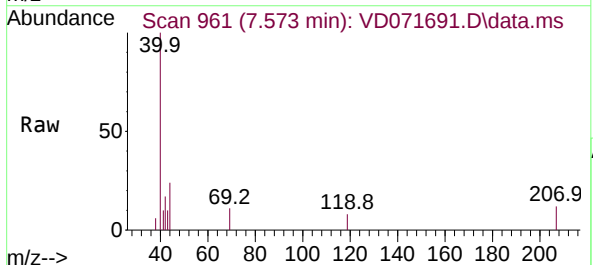


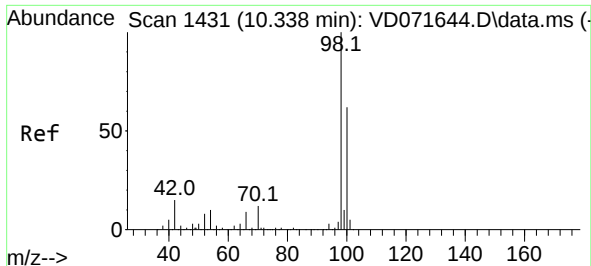
Tgt Ion:117 Resp: 35911
Ion Ratio Lower Upper
117 100
119 4.2 73.4 110.2#
121 0.0 23.9 35.9#



#41
Methacrylonitrile
Concen: 1.321 ug/l
RT: 7.573 min Scan# 961
Delta R.T. 0.053 min
Lab File: VD071691.D
Acq: 12 Jan 2022 17:29

Tgt Ion: 41 Resp: 322
Ion Ratio Lower Upper
41 100
39 48.1 46.9 70.3
67 0.0 49.3 73.9#
52 0.0 23.1 34.7#

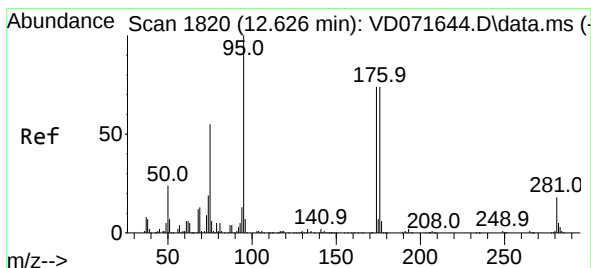
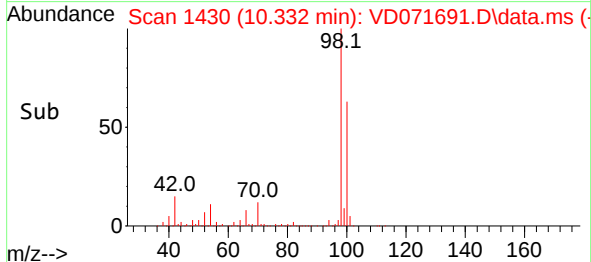
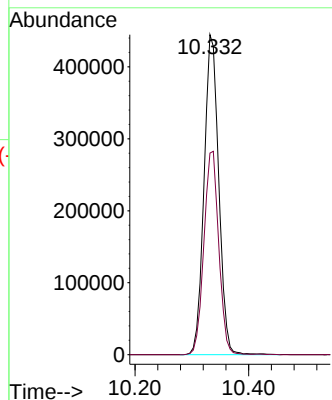
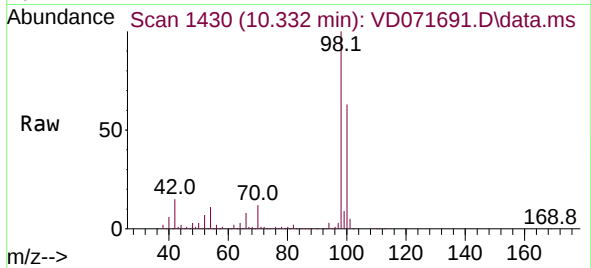




#50
Toluene-d8
Concen: 52.435 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.005 min
Lab File: VD071691.D
Acq: 12 Jan 2022 17:29

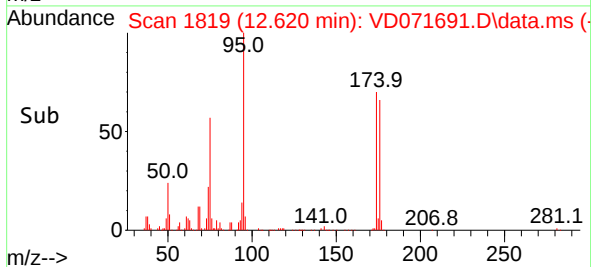
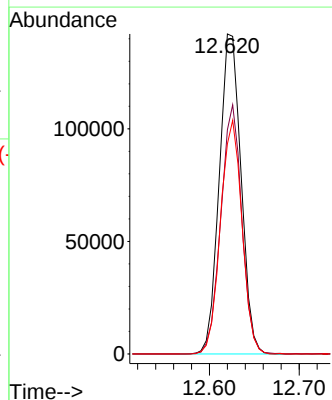
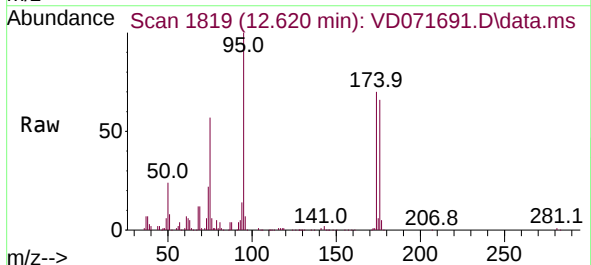
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MSVOA_D
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SO-0022C-03-6

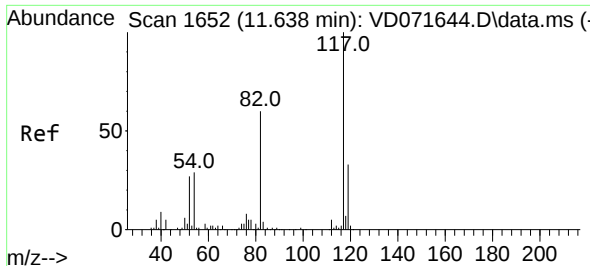
Tgt Ion: 98 Resp: 794768
Ion Ratio Lower Upper
98 100
100 64.3 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 44.799 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071691.D
Acq: 12 Jan 2022 17:29

Tgt Ion: 95 Resp: 239268
Ion Ratio Lower Upper
95 100
174 75.0 0.0 150.0
176 72.0 0.0 146.4

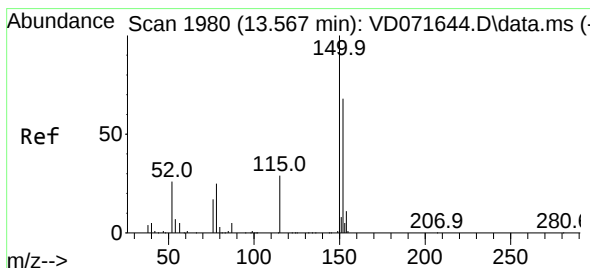
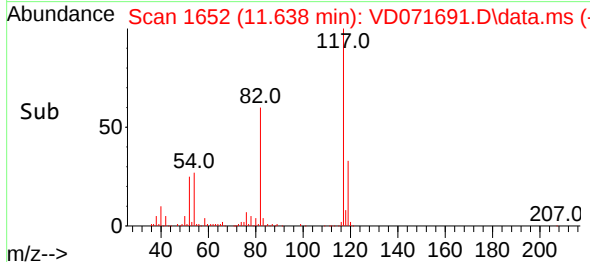
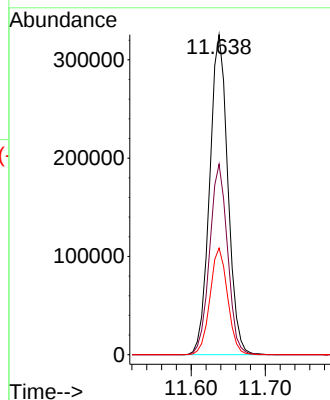
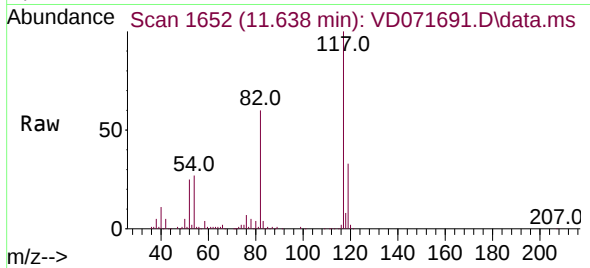




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1179
Delta R.T. 0.001 min
Lab File: VD071691.D
Acq: 12 Jan 2022 17:29

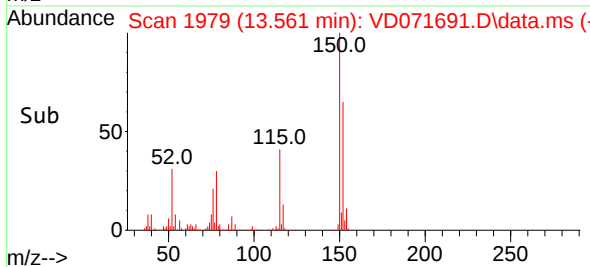
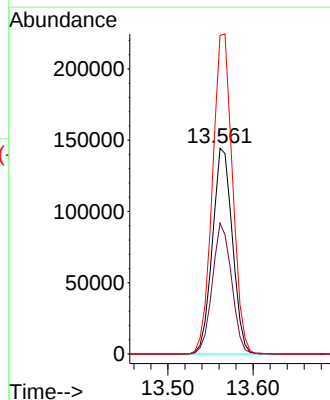
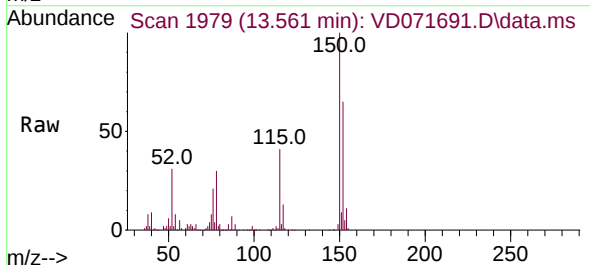
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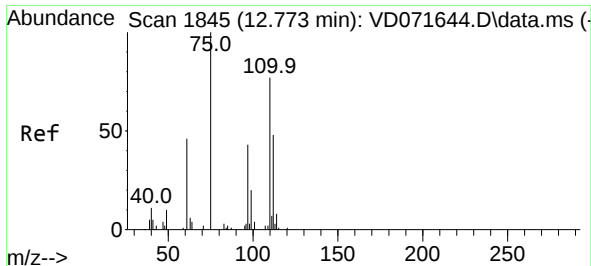
Tgt Ion:117 Resp: 554357
Ion Ratio Lower Upper
117 100
82 59.6 46.9 70.3
119 33.3 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD071691.D
Acq: 12 Jan 2022 17:29

Tgt Ion:152 Resp: 235593
Ion Ratio Lower Upper
152 100
115 61.2 31.5 94.5
150 155.9 0.0 348.0

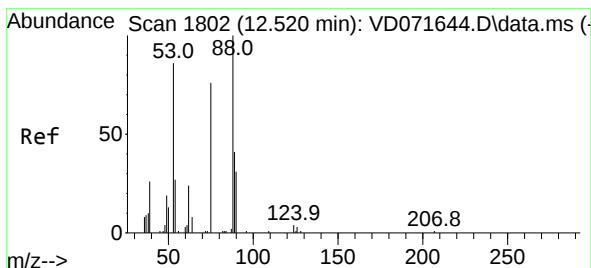
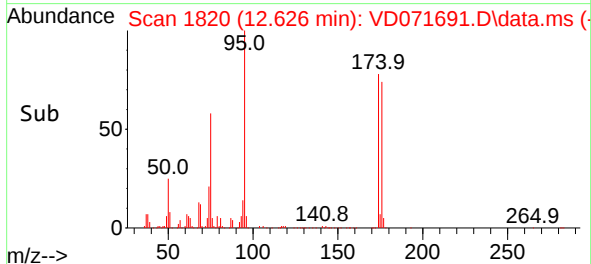
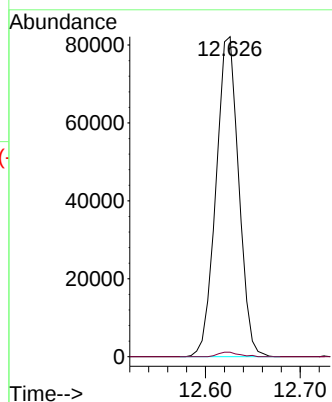
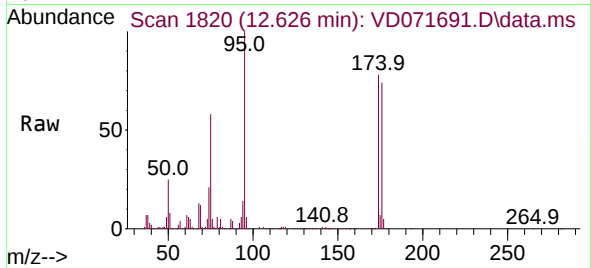




#76
1,2,3-Trichloropropane
Concen: 60.139 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD071691.D
Acq: 12 Jan 2022 17:29

Instrument :
MSVOA_D
ClientSampleId :
SO-0022C-03-6

Tgt Ion: 75 Resp: 136906
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 167.661 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD071691.D
Acq: 12 Jan 2022 17:29

Tgt Ion: 75 Resp: 136906
Ion Ratio Lower Upper
75 100
53 0.0 95.4 143.0#
89 0.0 37.2 55.8#

