

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011322\
 Data File : VD071712.D
 Acq On : 13 Jan 2022 16:16
 Operator : VA/SY
 Sample : N1097-01RE
 Misc : 3.77G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1S

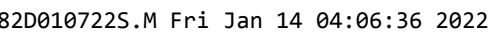
Quant Time: Jan 14 04:06:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 07 15:39:14 2022
 Response via : Initial Calibration

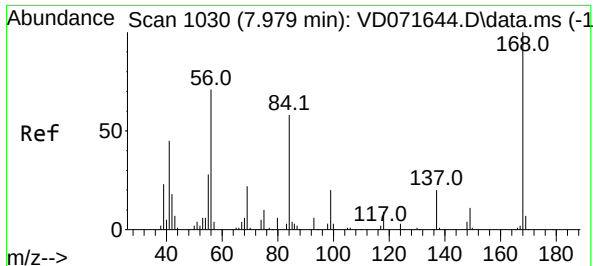
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.973	168	329063	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	597428	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	529885	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	215452	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	221046	52.206	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.420%	
35) Dibromofluoromethane	7.909	113	196704	49.821	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.640%	
50) Toluene-d8	10.332	98	757623	51.261	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.520%	
62) 4-Bromofluorobenzene	12.626	95	223889	42.990	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 85.980%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.985	85	331	Below Cal	#	43
3) Chloromethane	2.203	50	296	Below Cal	#	52
5) Bromomethane	2.779	94	651	Below Cal	#	62
11) Tert butyl alcohol	5.185	59	57	Below Cal	#	75
16) Acetone	4.156	43	1500	1.534	ug/l #	49
18) Methyl Acetate	4.709	43	56	Below Cal	#	56
20) Methylene Chloride	4.962	84	3398	Below Cal	#	87
31) Cyclohexane	7.973	56	10326	2.071	ug/l #	27
36) 1,1-Dichloropropene	7.979	75	31474	5.588	ug/l #	52
38) Carbon Tetrachloride	7.973	117	35642	6.249	ug/l #	17
41) Methacrylonitrile	7.561	41	360	1.349	ug/l #	47
71) Bromoform	12.620	173	2084	1.110	ug/l #	1
76) 1,2,3-Trichloropropane	12.620	75	131424	63.128	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	131424	175.993	ug/l #	3

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

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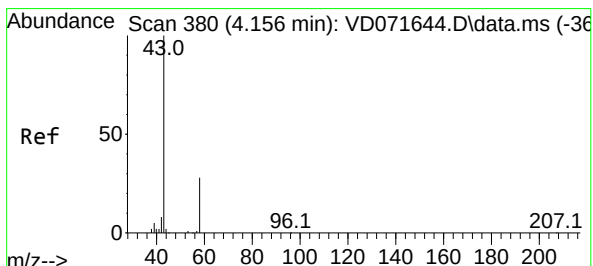
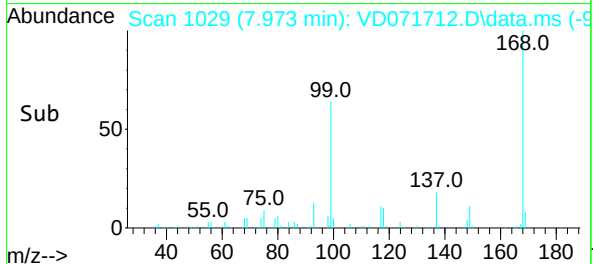
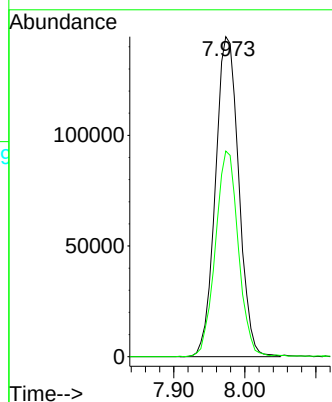
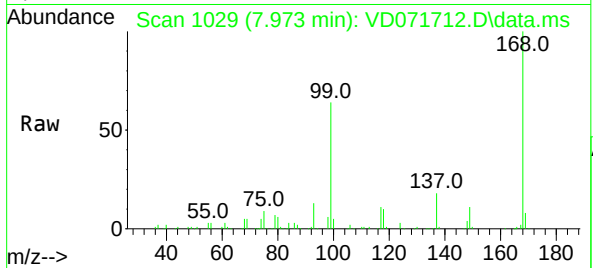




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071712.D
Acq: 13 Jan 2022 16:16

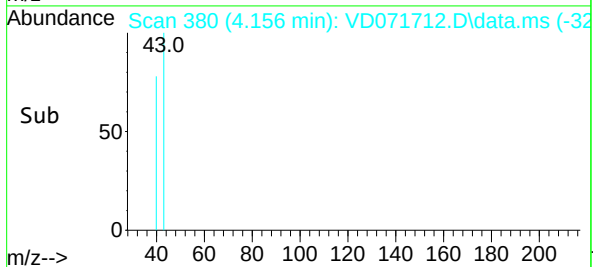
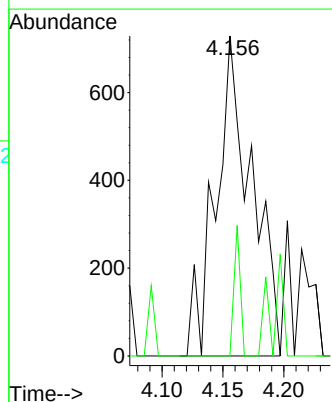
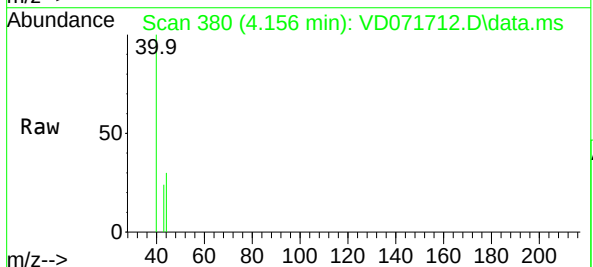
Instrument :
MSVOA_D
ClientSampleId :
TP-1S

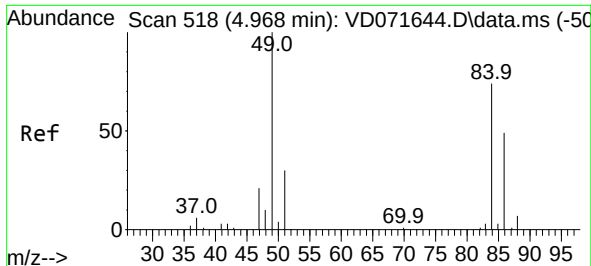
Tgt Ion:168 Resp: 329063
Ion Ratio Lower Upper
168 100
99 64.1 51.8 77.6



#16
Acetone
Concen: 1.534 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.001 min
Lab File: VD071712.D
Acq: 13 Jan 2022 16:16

Tgt Ion: 43 Resp: 1500
Ion Ratio Lower Upper
43 100
58 0.0 21.0 31.6#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.962 min Scan# 518

Delta R.T. -0.005 min

Lab File: VD071712.D

Acq: 13 Jan 2022 16:16

Instrument :

MSVOA_D

ClientSampleId :

TP-1S

Tgt Ion: 84 Resp: 3398

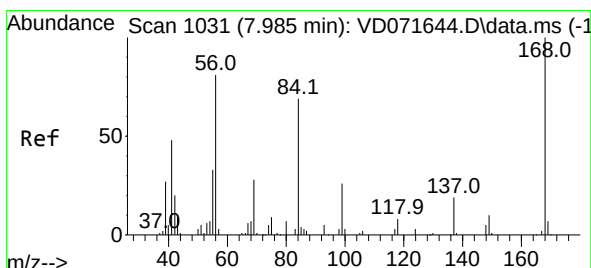
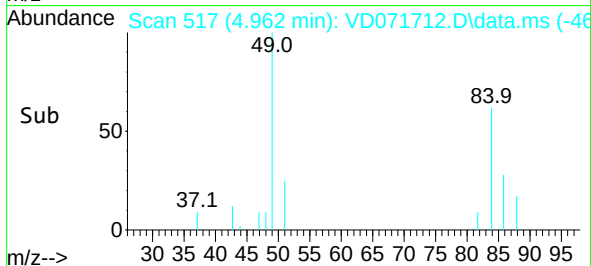
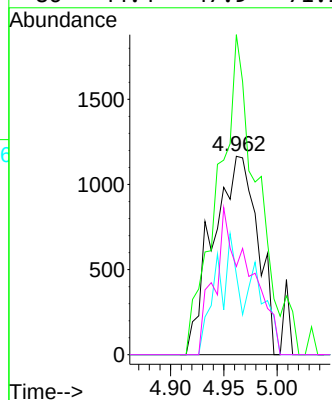
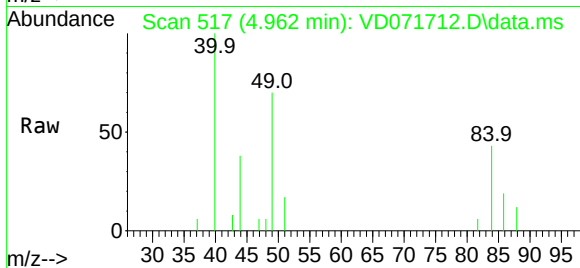
Ion Ratio Lower Upper

84 100

49 161.2 118.6 178.0

51 40.3 37.8 56.6

86 44.4 47.9 71.9#



#31

Cyclohexane

Concen: 2.071 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.017 min

Lab File: VD071712.D

Acq: 13 Jan 2022 16:16

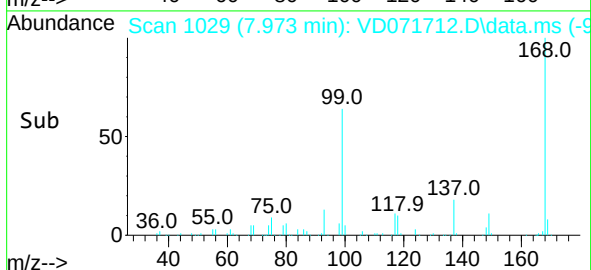
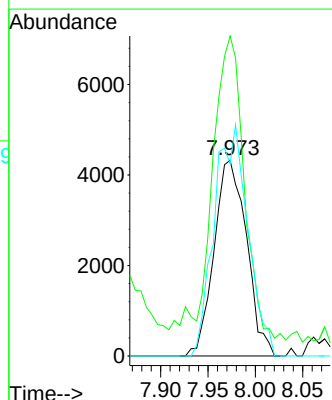
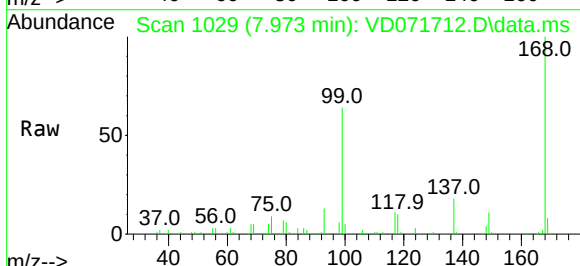
Tgt Ion: 56 Resp: 10326

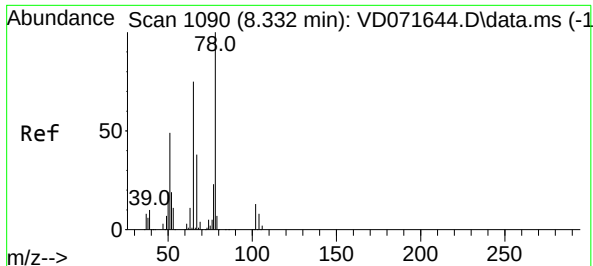
Ion Ratio Lower Upper

56 100

69 152.0 21.7 32.5#

84 98.4 65.7 98.5





#33

1,2-Dichloroethane-d4

Concen: 52.206 ug/l

RT: 8.326 min Scan# 1090

Delta R.T. -0.006 min

Lab File: VD071712.D

Acq: 13 Jan 2022 16:16

Instrument :

MSVOA_D

ClientSampleId :

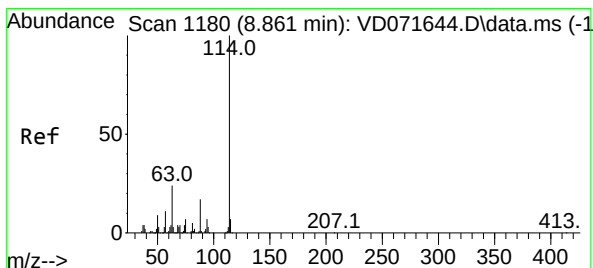
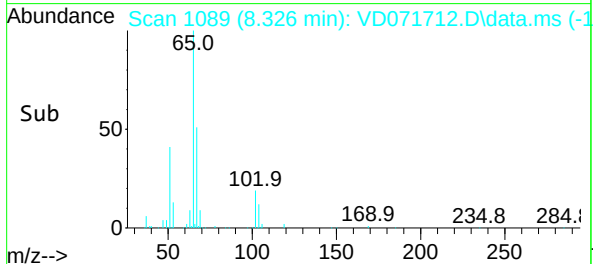
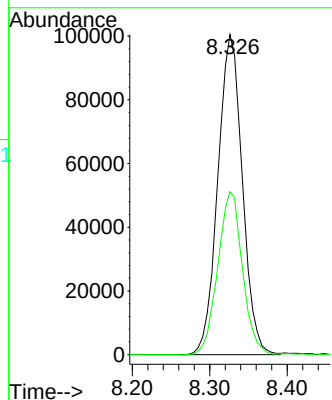
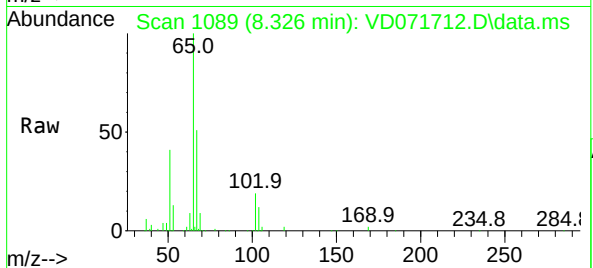
TP-1S

Tgt Ion: 65 Resp: 221046

Ion Ratio Lower Upper

65 100

67 51.2 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: VD071712.D

Acq: 13 Jan 2022 16:16

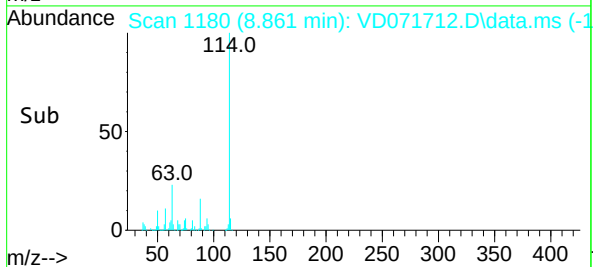
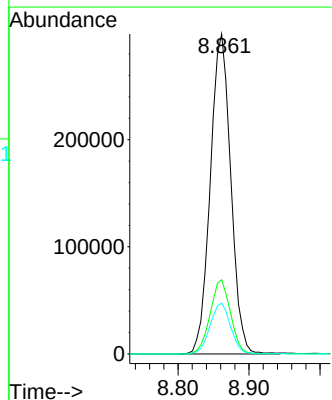
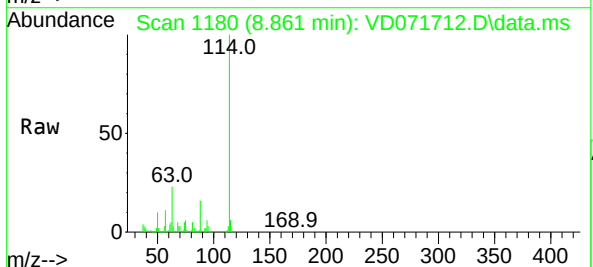
Tgt Ion: 114 Resp: 597428

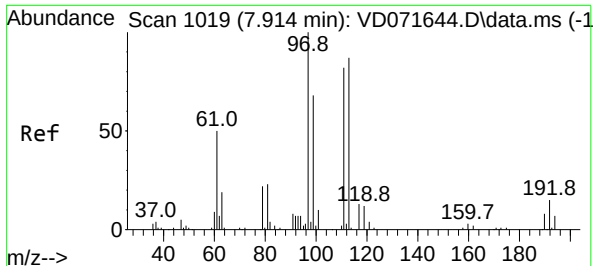
Ion Ratio Lower Upper

114 100

63 23.2 0.0 46.2

88 15.9 0.0 32.0





#35

Dibromofluoromethane

Concen: 49.821 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.005 min

Lab File: VD071712.D

Acq: 13 Jan 2022 16:16

Instrument :

MSVOA_D

ClientSampleId :

TP-1S

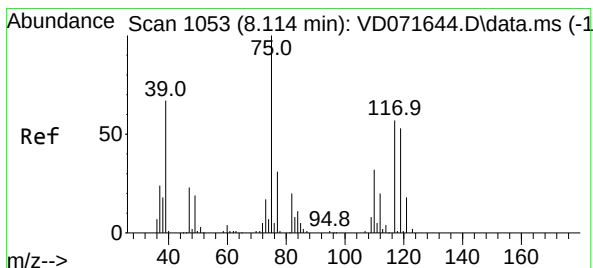
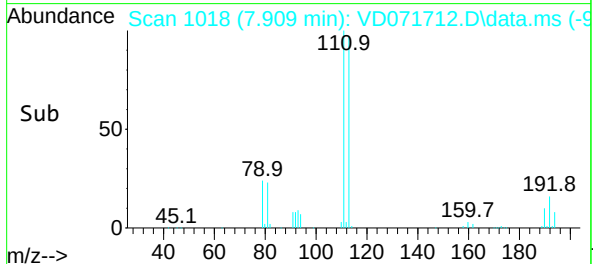
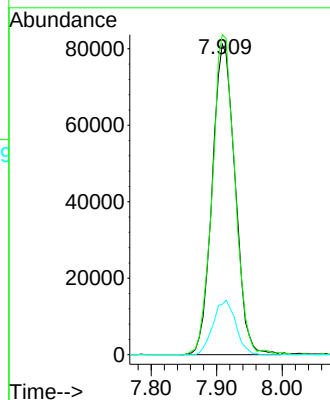
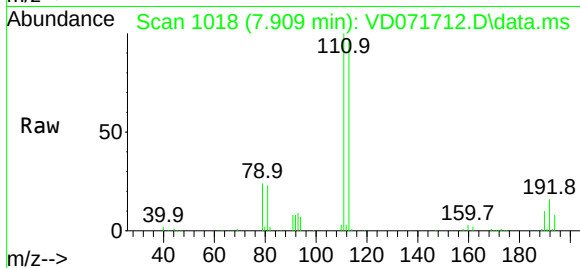
Tgt Ion:113 Resp: 196704

Ion Ratio Lower Upper

113 100

111 101.7 82.2 123.4

192 17.3 14.2 21.2



#36

1,1-Dichloropropene

Concen: 5.588 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.135 min

Lab File: VD071712.D

Acq: 13 Jan 2022 16:16

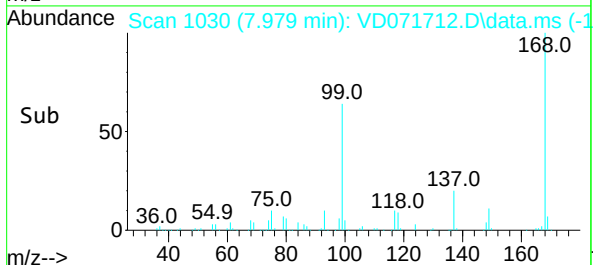
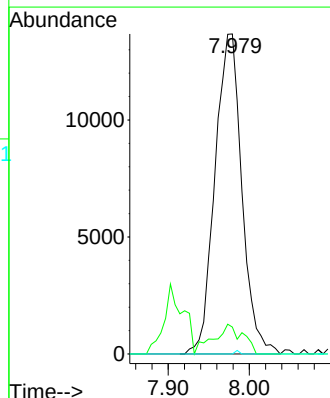
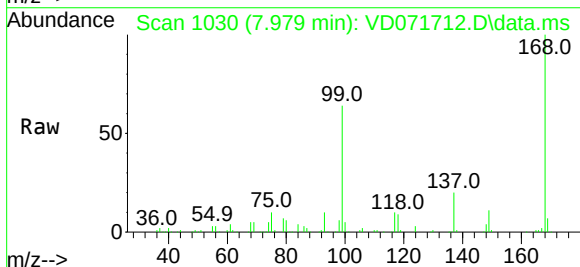
Tgt Ion: 75 Resp: 31474

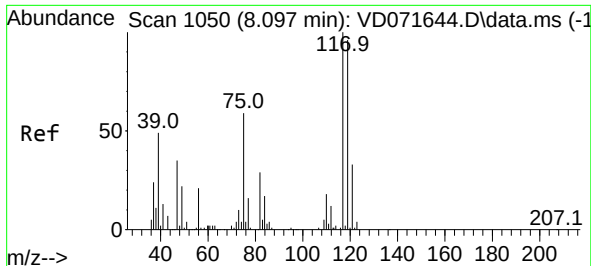
Ion Ratio Lower Upper

75 100

110 8.9 16.0 48.0#

77 0.2 24.5 36.7#

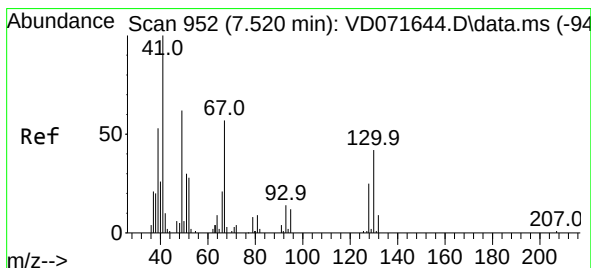
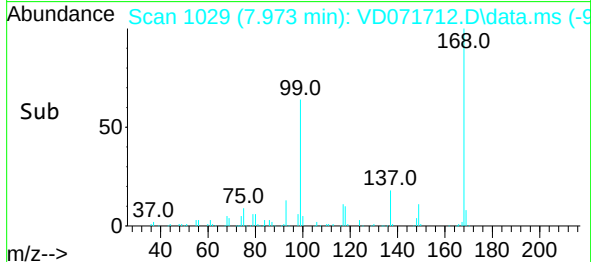
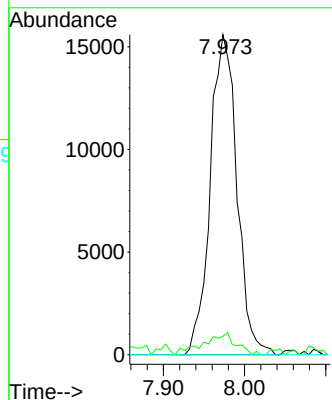
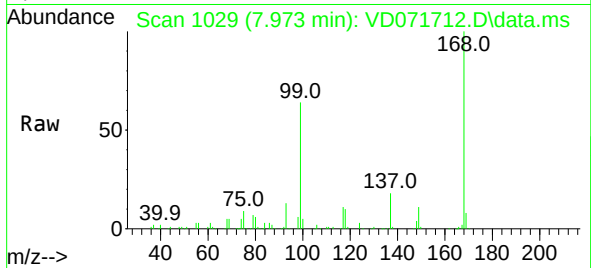




#38
Carbon Tetrachloride
Concen: 6.249 ug/l
RT: 7.973 min Scan# 1050
Delta R.T. -0.123 min
Lab File: VD071712.D
Acq: 13 Jan 2022 16:16

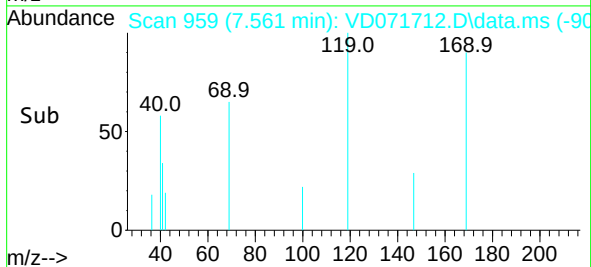
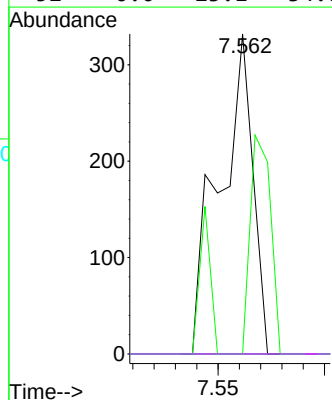
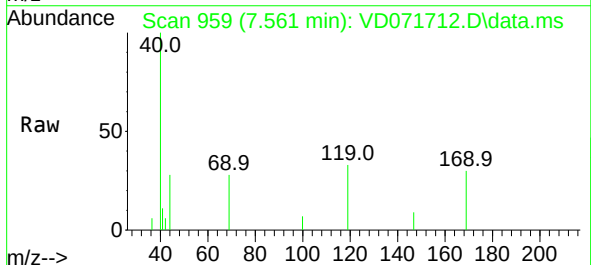
Instrument :
MSVOA_D
ClientSampleId :
TP-1S

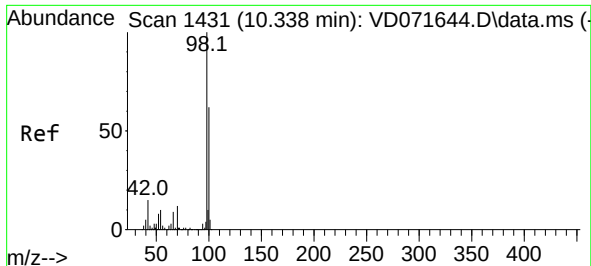
Tgt Ion:117 Resp: 35642
Ion Ratio Lower Upper
117 100
119 3.9 73.4 110.2#
121 0.0 23.9 35.9#



#41
Methacrylonitrile
Concen: 1.349 ug/l
RT: 7.561 min Scan# 959
Delta R.T. 0.042 min
Lab File: VD071712.D
Acq: 13 Jan 2022 16:16

Tgt Ion: 41 Resp: 360
Ion Ratio Lower Upper
41 100
39 41.7 46.9 70.3#
67 0.0 49.3 73.9#
52 0.0 23.1 34.7#

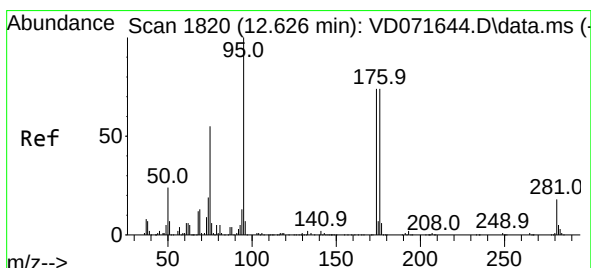
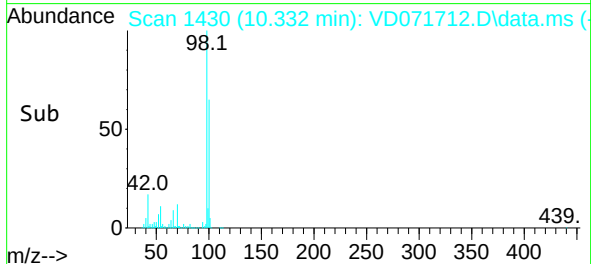
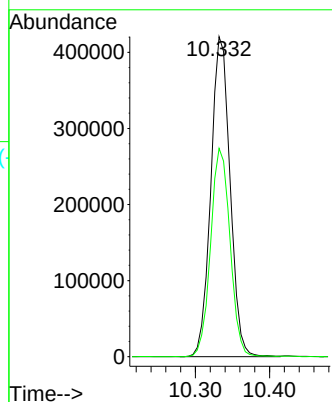
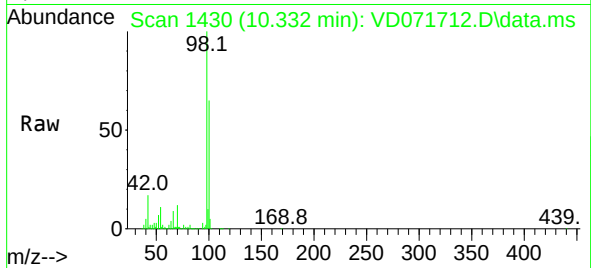




#50
Toluene-d8
Concen: 51.261 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.005 min
Lab File: VD071712.D
Acq: 13 Jan 2022 16:16

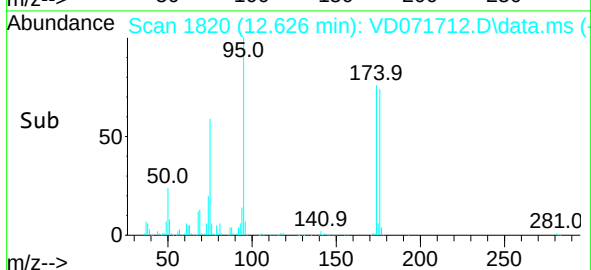
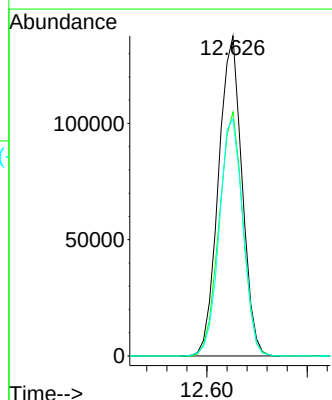
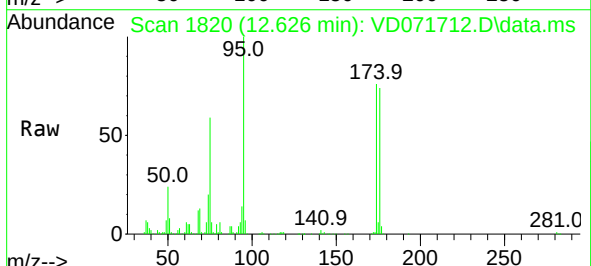
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MSVOA_D
ClientSampleId :
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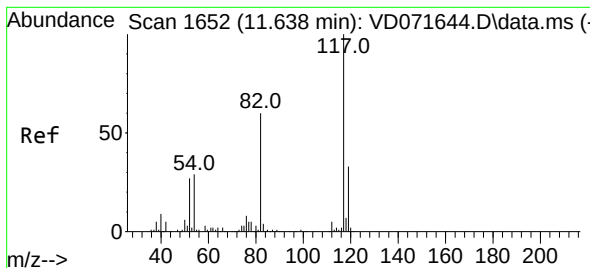
Tgt Ion: 98 Resp: 757623
Ion Ratio Lower Upper
98 100
100 65.8 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 42.990 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071712.D
Acq: 13 Jan 2022 16:16

Tgt Ion: 95 Resp: 223889
Ion Ratio Lower Upper
95 100
174 76.3 0.0 150.0
176 74.7 0.0 146.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.638 min Scan# 1

Delta R.T. 0.001 min

Lab File: VD071712.D

Acq: 13 Jan 2022 16:16

Instrument :

MSVOA_D

ClientSampleId :

TP-1S

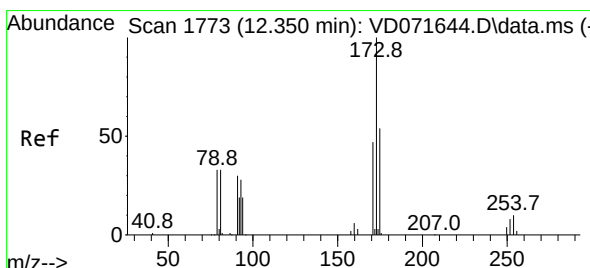
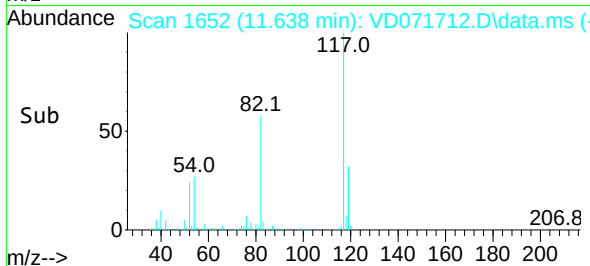
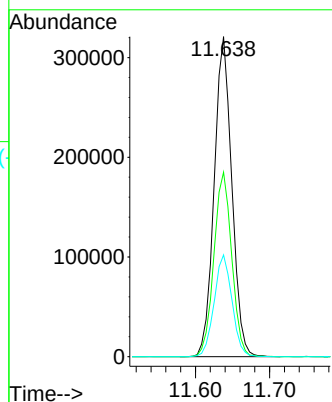
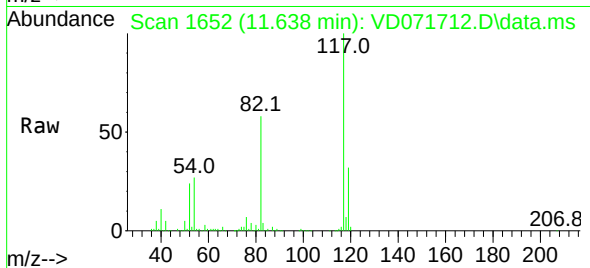
Tgt Ion:117 Resp: 529885

Ion Ratio Lower Upper

117 100

82 57.7 46.9 70.3

119 31.8 26.6 39.8



#71

Bromoform

Concen: 1.110 ug/l

RT: 12.620 min Scan# 1819

Delta R.T. 0.265 min

Lab File: VD071712.D

Acq: 13 Jan 2022 16:16

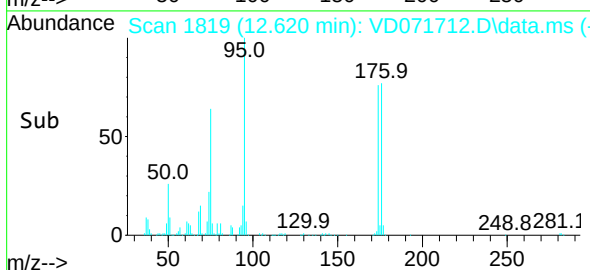
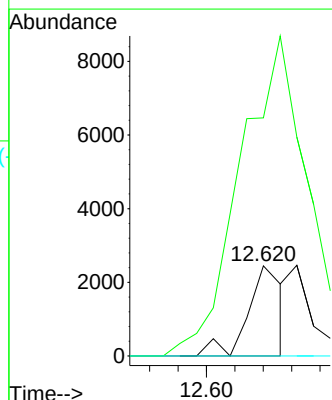
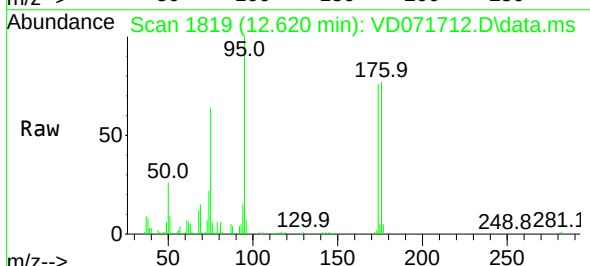
Tgt Ion:173 Resp: 2084

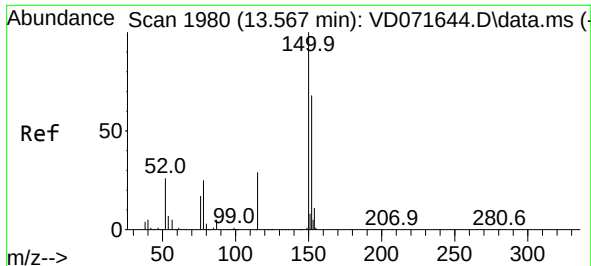
Ion Ratio Lower Upper

173 100

175 570.3 24.4 73.2#

254 0.0 0.1 0.1#

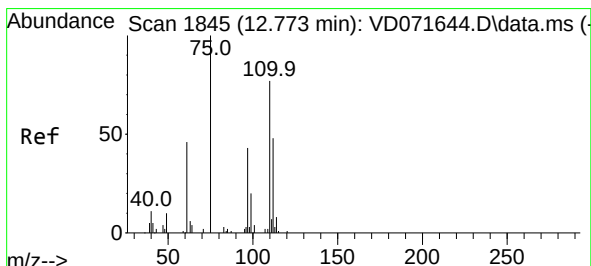
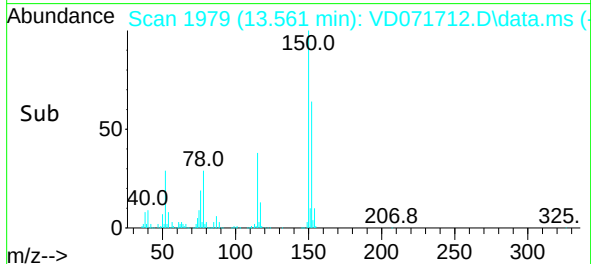
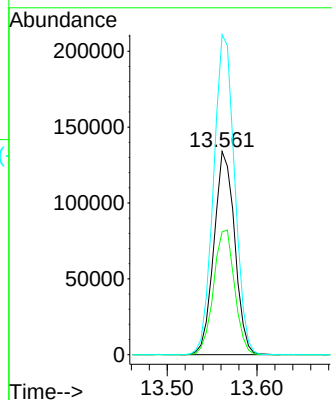
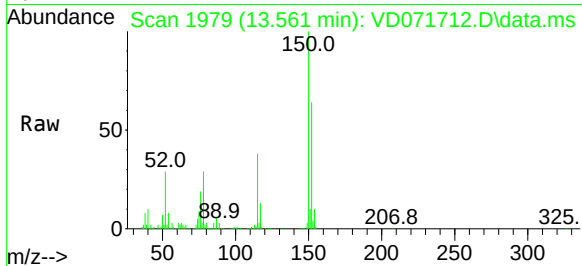




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1819
 Delta R.T. -0.006 min
 Lab File: VD071712.D
 Acq: 13 Jan 2022 16:16

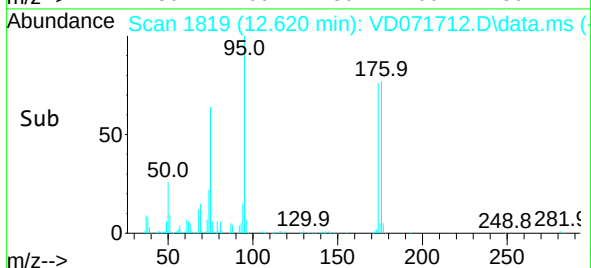
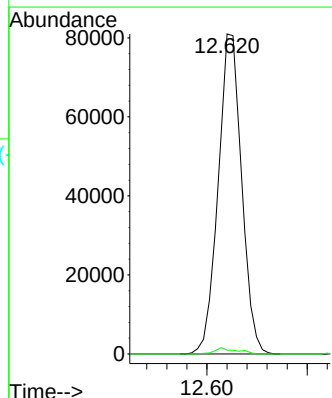
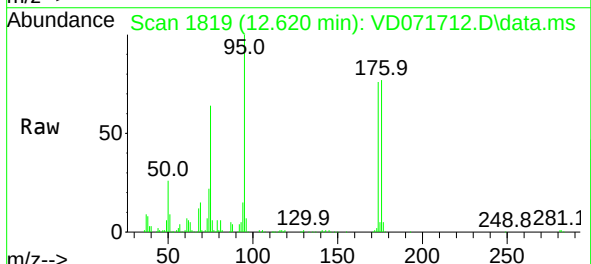
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1S

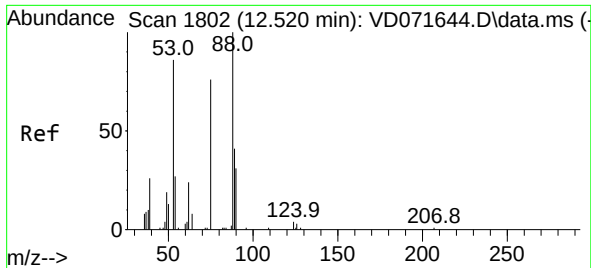
Tgt Ion:152 Resp: 215452
 Ion Ratio Lower Upper
 152 100
 115 62.2 31.5 94.5
 150 159.8 0.0 348.0



#76
 1,2,3-Trichloropropane
 Concen: 63.128 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.153 min
 Lab File: VD071712.D
 Acq: 13 Jan 2022 16:16

Tgt Ion: 75 Resp: 131424
 Ion Ratio Lower Upper
 75 100
 77 1.8 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 175.993 ug/l
 RT: 12.620 min Scan# 11
 Delta R.T. 0.100 min
 Lab File: VD071712.D
 Acq: 13 Jan 2022 16:16

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1S

Tgt Ion: 75 Resp: 131424
 Ion Ratio Lower Upper
 75 100
 53 0.1 95.4 143.0#
 89 0.2 37.2 55.8#

