

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020822\
 Data File : VD071914.D
 Acq On : 08 Feb 2022 13:26
 Operator : VA/SY
 Sample : N1423-06
 Misc : 5.09G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-23

Quant Time: Feb 09 03:50:36 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)

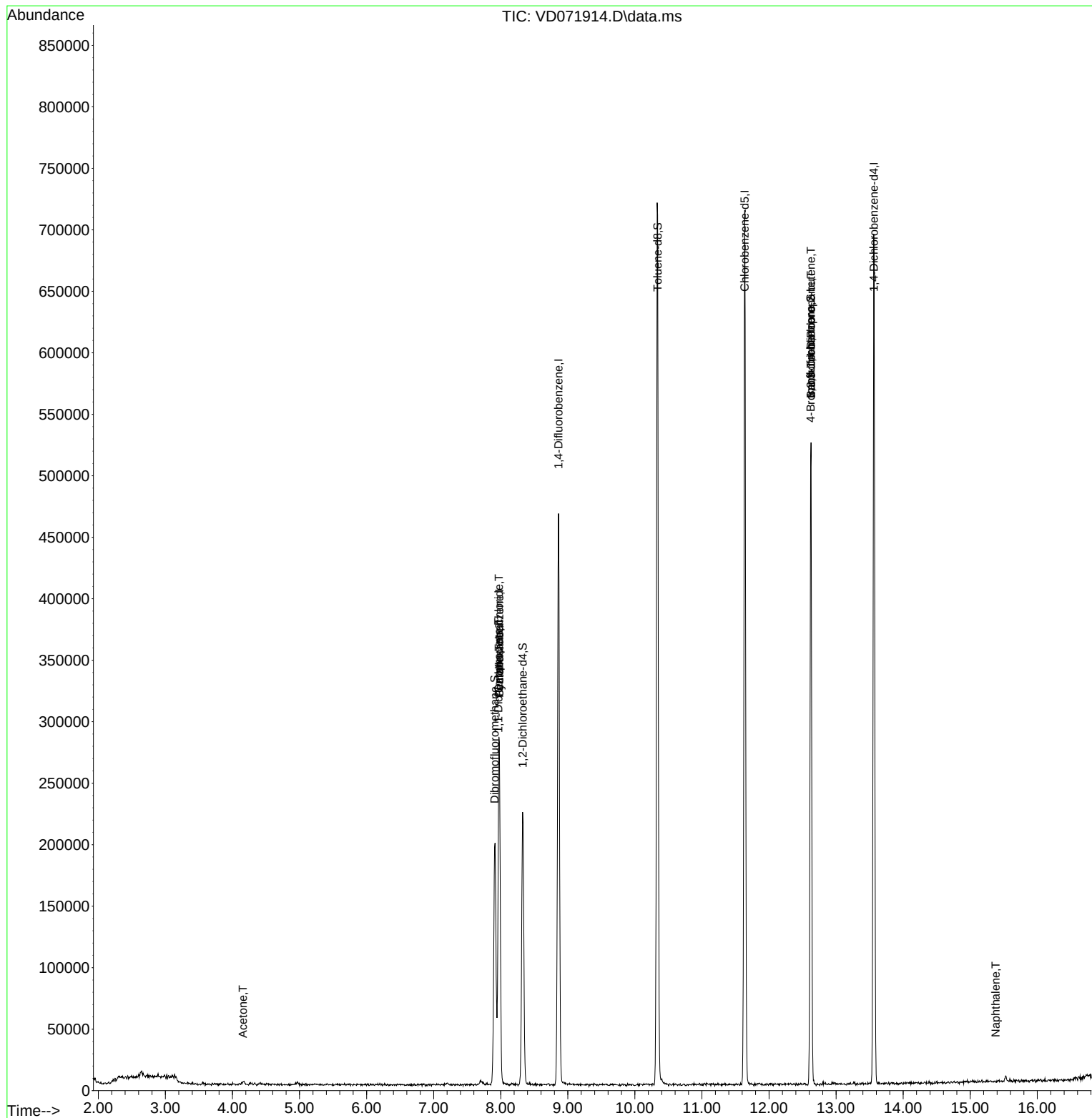
Internal Standards						
1) Pentafluorobenzene	7.979	168	202212	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	368305	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	377831	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	171969	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	177473	69.438	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 138.880%	
35) Dibromofluoromethane	7.909	113	141849	58.592	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 117.180%	
50) Toluene-d8	10.338	98	471093	52.103	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.200%	
62) 4-Bromofluorobenzene	12.620	95	166123	52.614	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 105.220%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.203	59	180	Below Cal	#	74
16) Acetone	4.156	43	4515	6.453	ug/l #	84
20) Methylene Chloride	4.973	84	534	Below Cal	#	41
31) Cyclohexane	7.979	56	5822	1.193	ug/l #	26
36) 1,1-Dichloropropene	7.967	75	17910	4.310	ug/l #	53
38) Carbon Tetrachloride	7.973	117	21375	5.202	ug/l #	16
71) Bromoform	12.626	173	1594	1.027	ug/l #	1
76) 1,2,3-Trichloropropane	12.626	75	92629	51.110	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	92629	125.668	ug/l #	7
95) Naphthalene	15.379	128	956	1.609	ug/l #	70

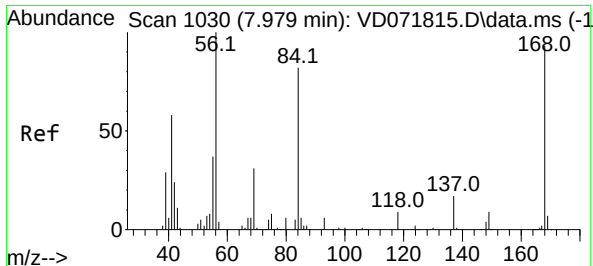
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 09 03:50:36 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

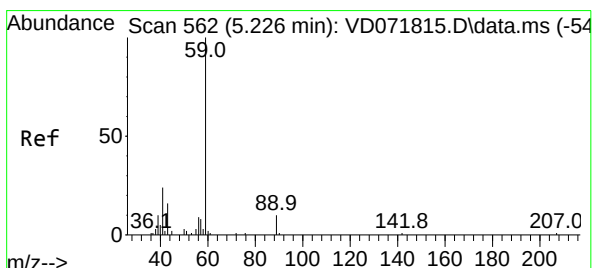
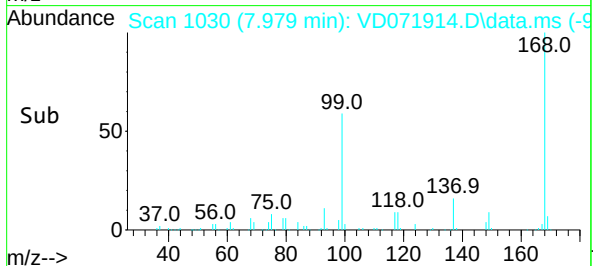
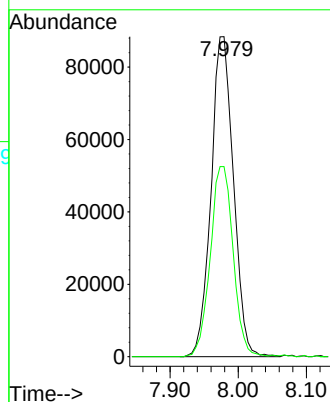
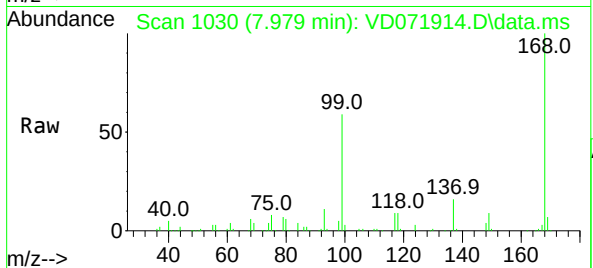




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD071914.D
Acq: 08 Feb 2022 13:26

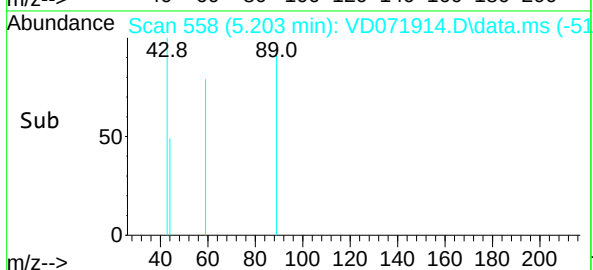
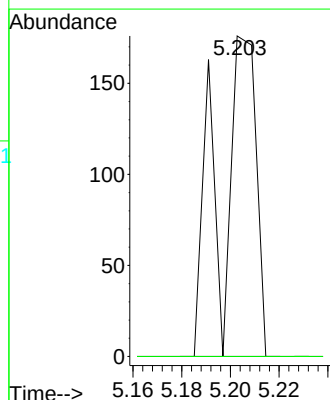
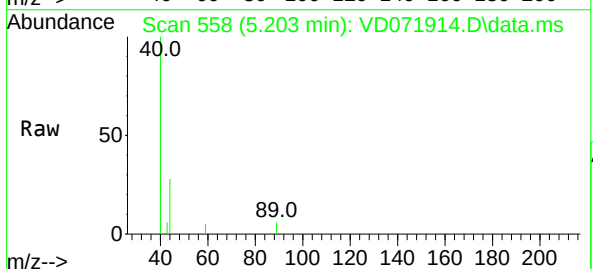
Instrument :
MSVOA_D
ClientSampleId :
TP-23

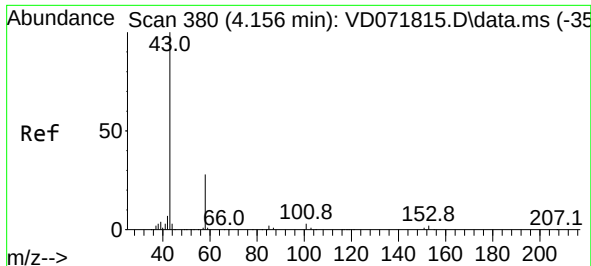
Tgt Ion:168 Resp: 202212
Ion Ratio Lower Upper
168 100
99 59.4 49.8 74.6



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.203 min Scan# 558
Delta R.T. -0.018 min
Lab File: VD071914.D
Acq: 08 Feb 2022 13:26

Tgt Ion: 59 Resp: 180
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

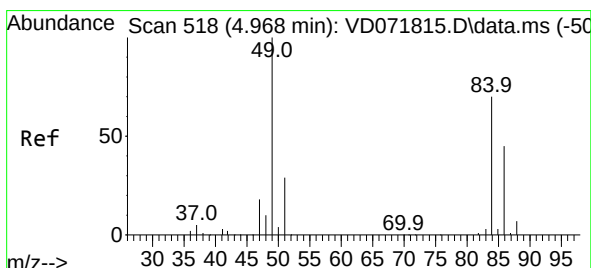
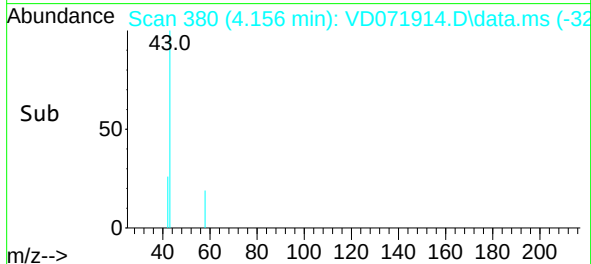
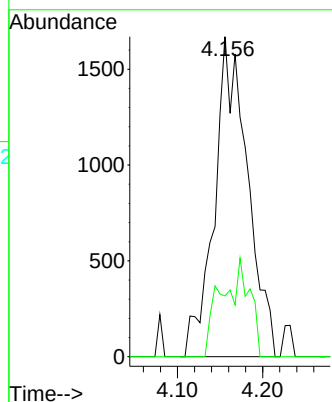
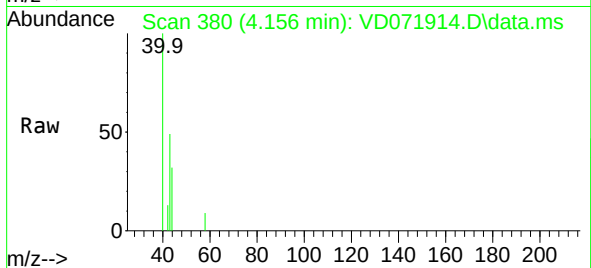




#16
Acetone
Concen: 6.453 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD071914.D
Acq: 08 Feb 2022 13:26

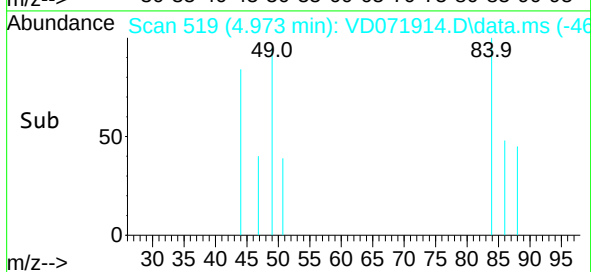
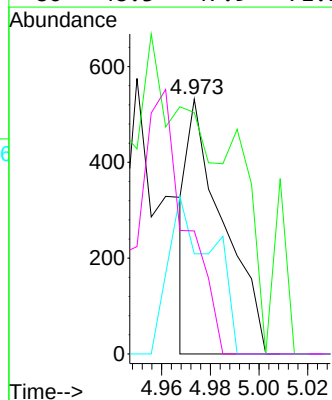
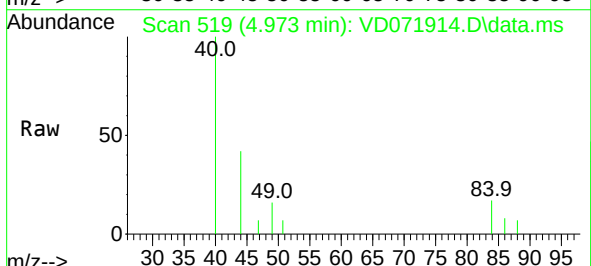
Instrument :
MSVOA_D
ClientSampleId :
TP-23

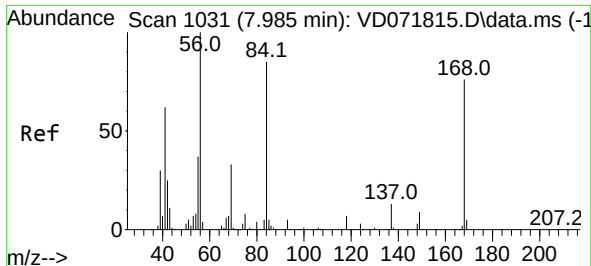
Tgt Ion: 43 Resp: 4515
Ion Ratio Lower Upper
43 100
58 19.0 22.1 33.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 519
Delta R.T. 0.006 min
Lab File: VD071914.D
Acq: 08 Feb 2022 13:26

Tgt Ion: 84 Resp: 534
Ion Ratio Lower Upper
84 100
49 25.9 112.8 169.2#
51 39.3 32.6 48.8
86 48.3 47.9 71.9





#31

Cyclohexane

Concen: 1.193 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VD071914.D

Acq: 08 Feb 2022 13:26

Instrument :

MSVOA_D

ClientSampleId :

TP-23

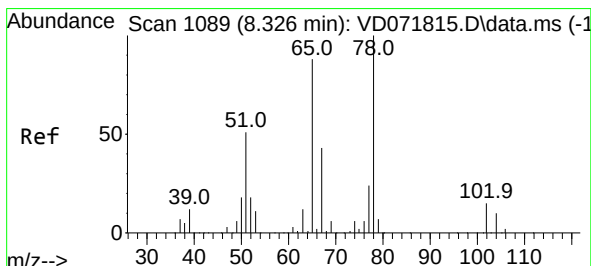
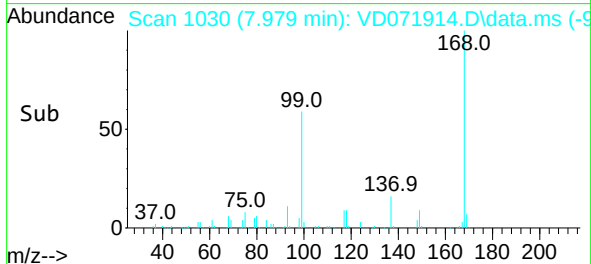
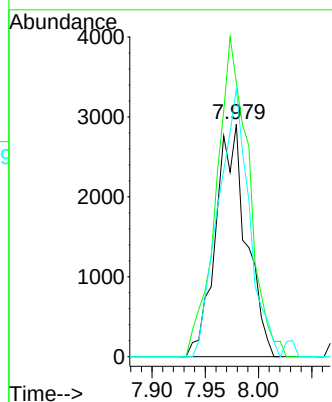
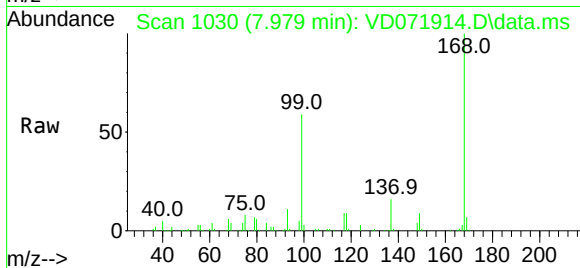
Tgt Ion: 56 Resp: 5822

Ion Ratio Lower Upper

56 100

69 117.8 25.4 38.2#

84 115.2 63.0 94.4#



#33

1,2-Dichloroethane-d4

Concen: 69.438 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD071914.D

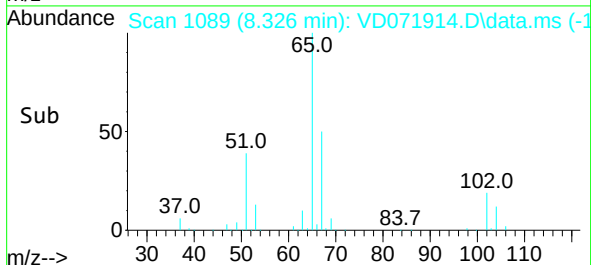
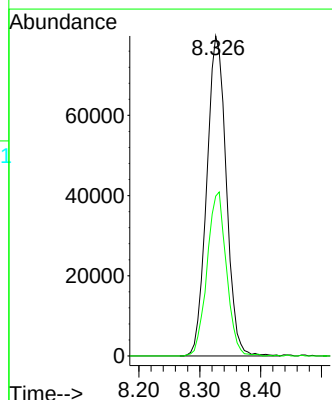
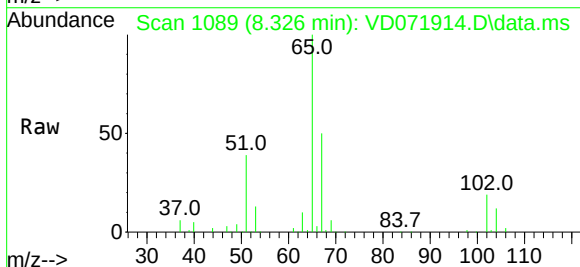
Acq: 08 Feb 2022 13:26

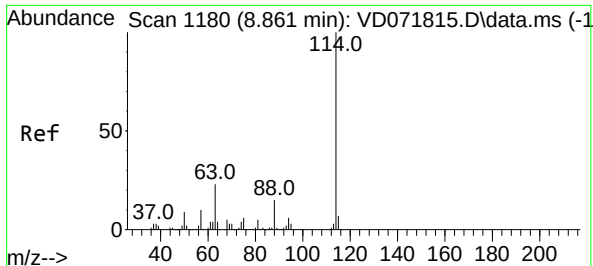
Tgt Ion: 65 Resp: 177473

Ion Ratio Lower Upper

65 100

67 50.8 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD071914.D

Acq: 08 Feb 2022 13:26

Instrument :

MSVOA_D

ClientSampleId :

TP-23

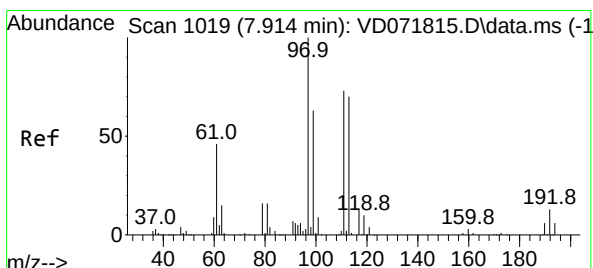
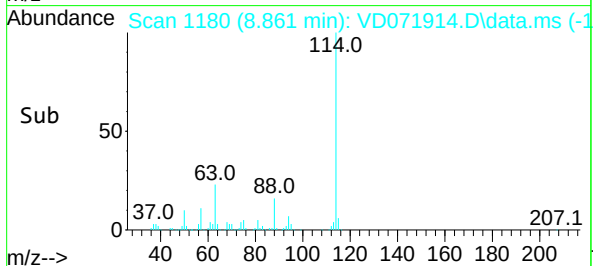
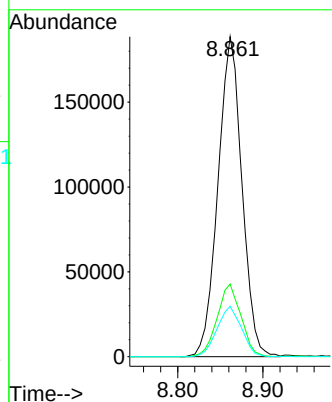
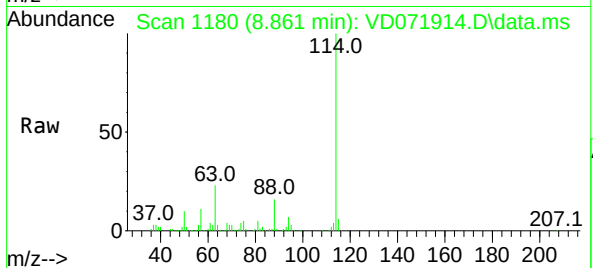
Tgt Ion:114 Resp: 368305

Ion Ratio Lower Upper

114 100

63 22.7 0.0 46.6

88 15.7 0.0 33.2



#35

Dibromofluoromethane

Concen: 58.592 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD071914.D

Acq: 08 Feb 2022 13:26

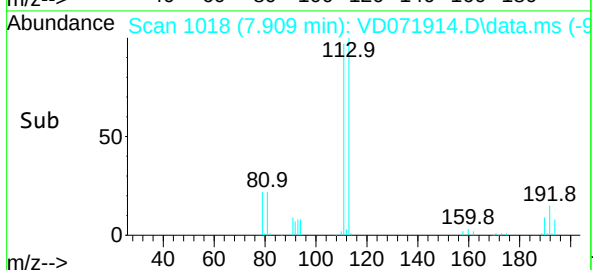
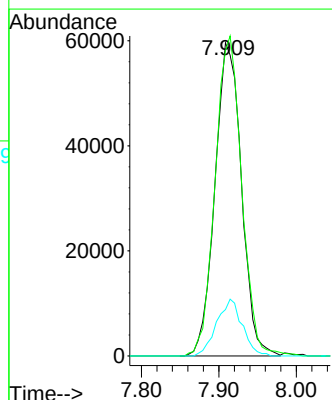
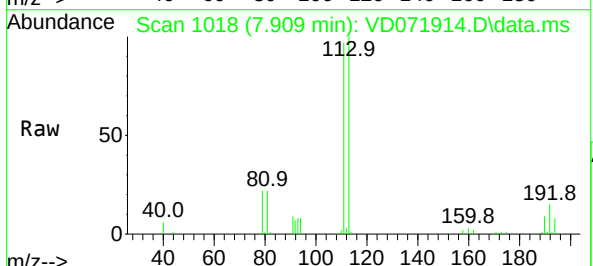
Tgt Ion:113 Resp: 141849

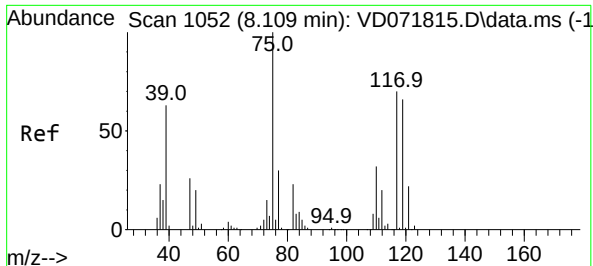
Ion Ratio Lower Upper

113 100

111 102.3 83.8 125.6

192 17.5 14.6 21.8

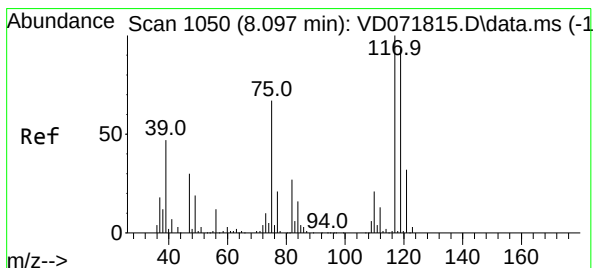
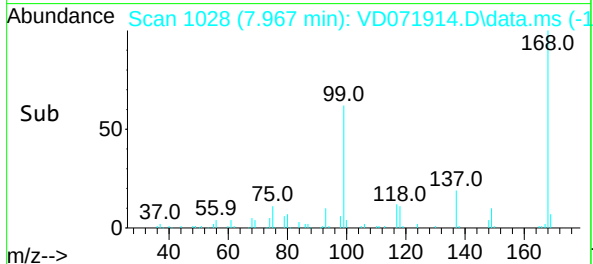
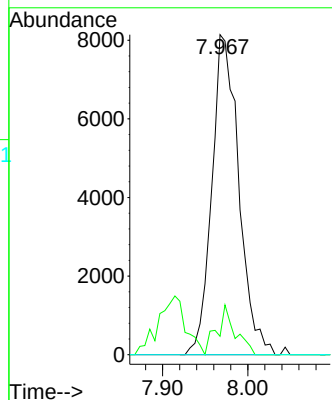
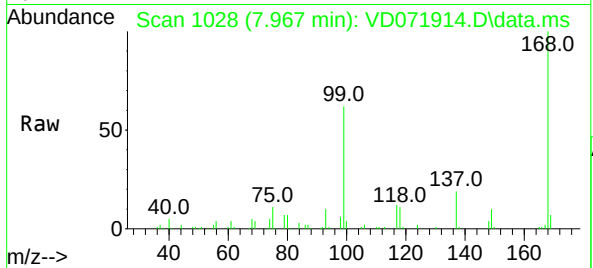




#36
1,1-Dichloropropene
Concen: 4.310 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.147 min
Lab File: VD071914.D
Acq: 08 Feb 2022 13:26

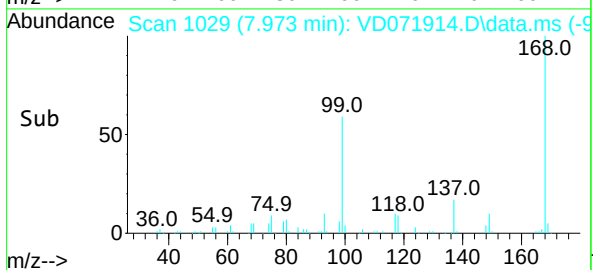
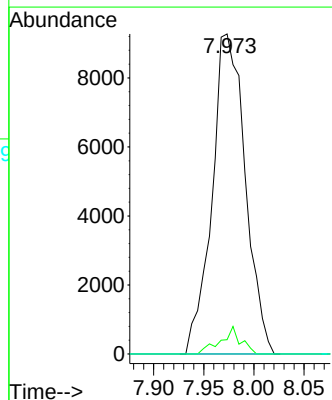
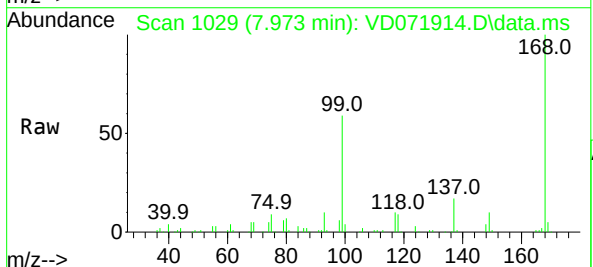
Instrument :
MSVOA_D
ClientSampleId :
TP-23

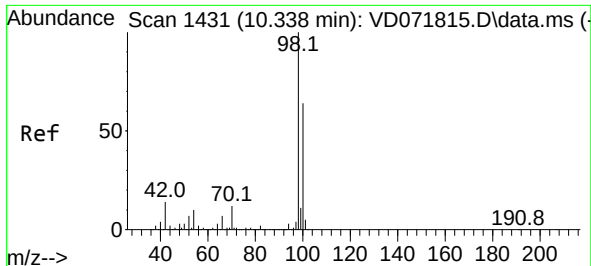
Tgt Ion: 75 Resp: 17910
Ion Ratio Lower Upper
75 100
110 10.5 16.4 49.1#
77 0.0 24.2 36.2#



#38
Carbon Tetrachloride
Concen: 5.202 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.123 min
Lab File: VD071914.D
Acq: 08 Feb 2022 13:26

Tgt Ion: 117 Resp: 21375
Ion Ratio Lower Upper
117 100
119 4.5 75.8 113.6#
121 0.0 24.5 36.7#

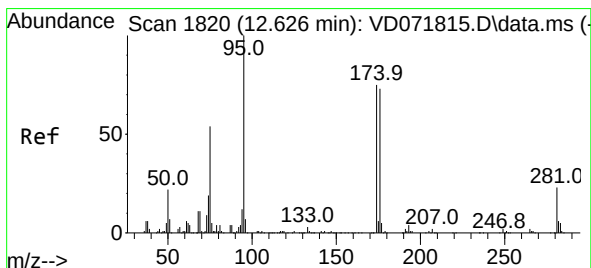
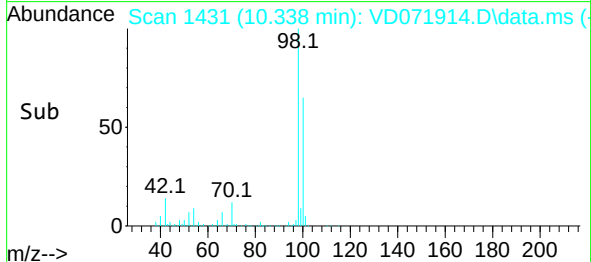
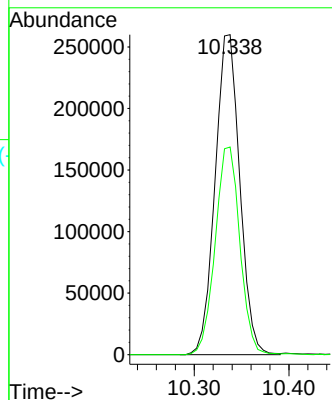
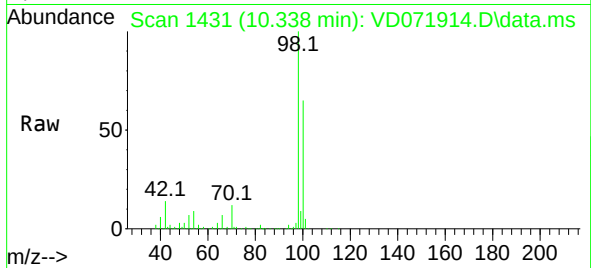




#50
Toluene-d8
Concen: 52.103 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD071914.D
Acq: 08 Feb 2022 13:26

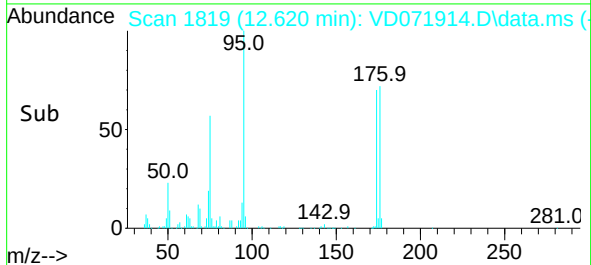
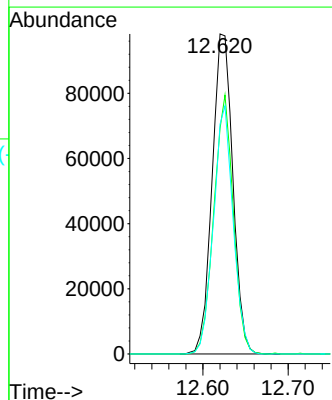
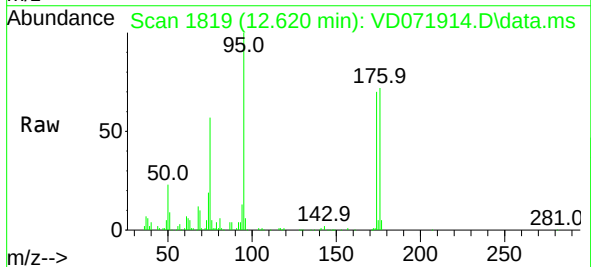
Instrument :
MSVOA_D
ClientSampleId :
TP-23

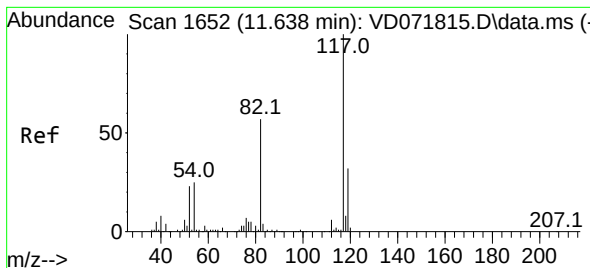
Tgt Ion: 98 Resp: 471093
Ion Ratio Lower Upper
98 100
100 65.0 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 52.614 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071914.D
Acq: 08 Feb 2022 13:26

Tgt Ion: 95 Resp: 166123
Ion Ratio Lower Upper
95 100
174 76.2 0.0 152.8
176 73.7 0.0 145.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.638 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD071914.D

Acq: 08 Feb 2022 13:26

Instrument :

MSVOA_D

ClientSampleId :

TP-23

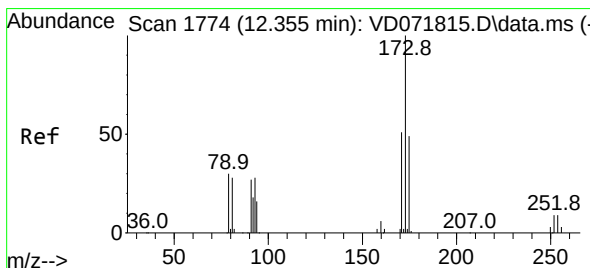
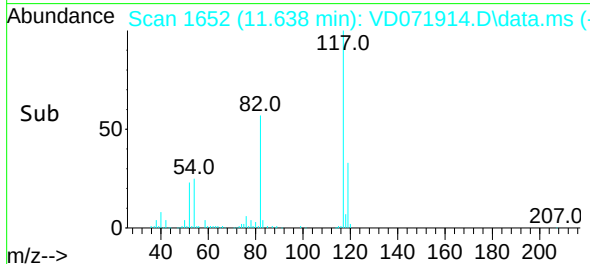
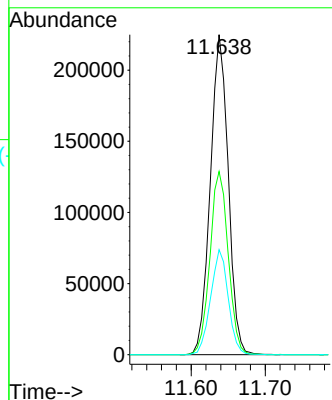
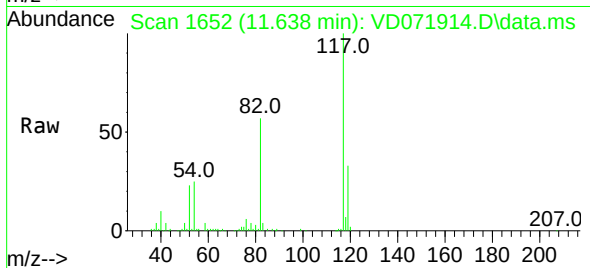
Tgt Ion:117 Resp: 377831

Ion Ratio Lower Upper

117 100

82 57.2 45.3 67.9

119 32.8 26.6 40.0



#71

Bromoform

Concen: 1.027 ug/l

RT: 12.626 min Scan# 1820

Delta R.T. 0.271 min

Lab File: VD071914.D

Acq: 08 Feb 2022 13:26

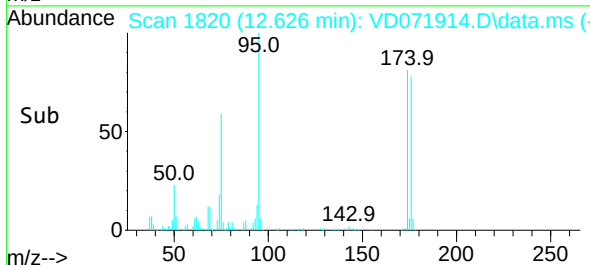
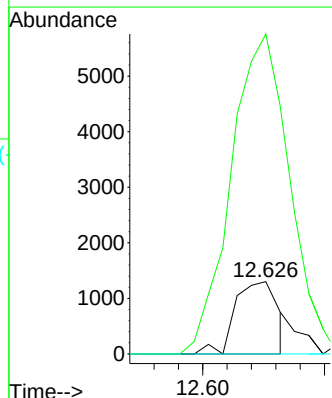
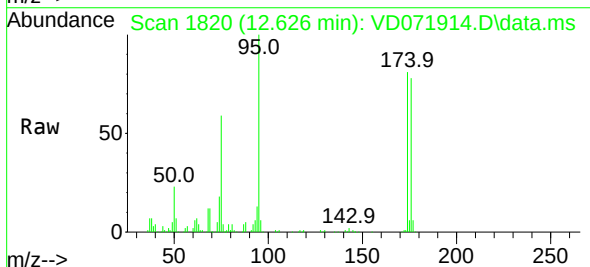
Tgt Ion:173 Resp: 1594

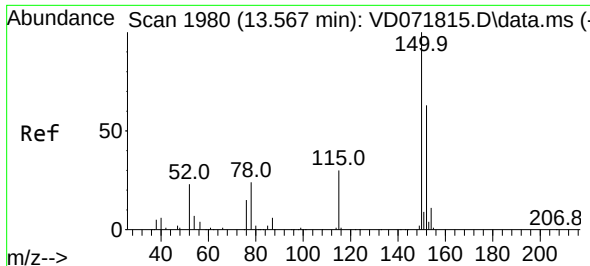
Ion Ratio Lower Upper

173 100

175 509.8 23.9 71.8#

254 0.0 0.0 0.0

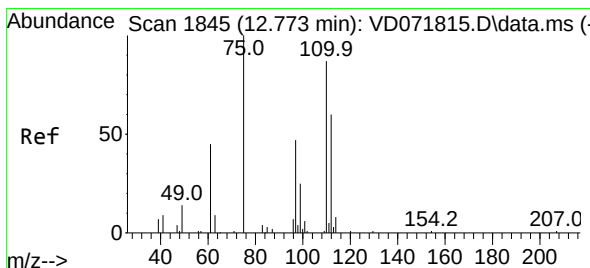
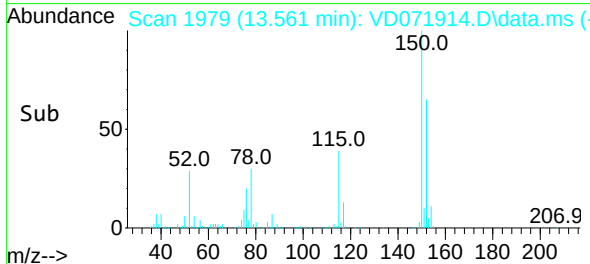
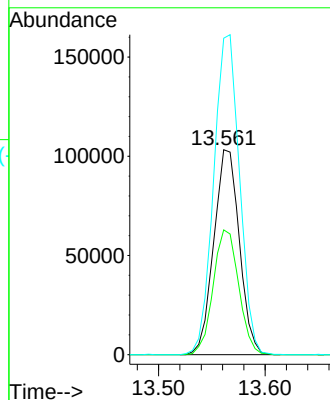
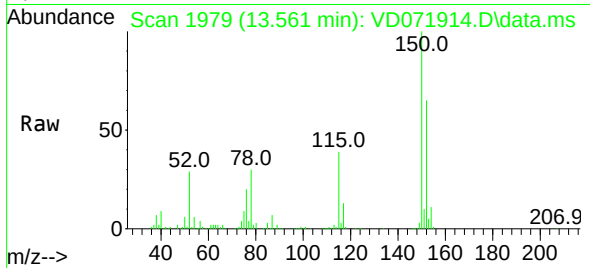




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1980
Delta R.T. -0.006 min
Lab File: VD071914.D
Acq: 08 Feb 2022 13:26

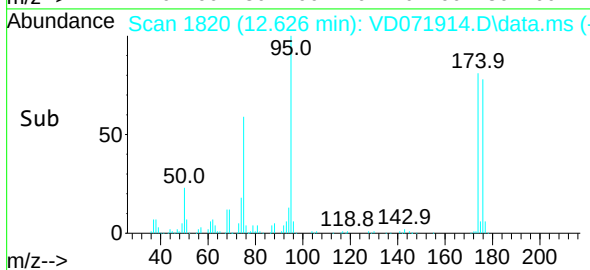
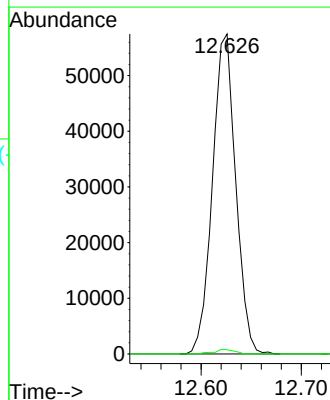
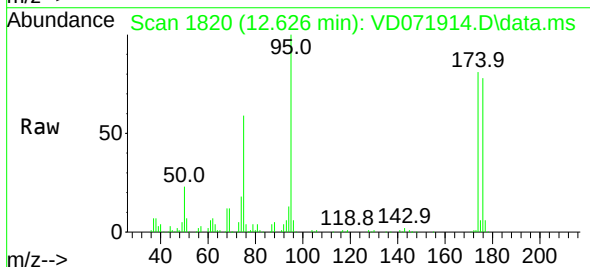
Instrument :
MSVOA_D
ClientSampleId :
TP-23

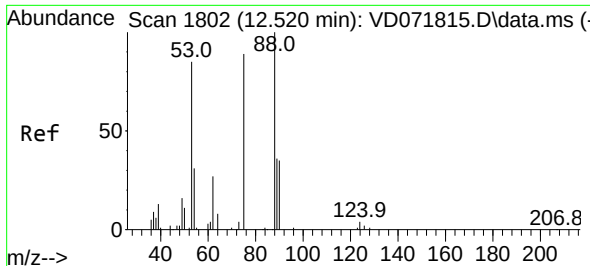
Tgt Ion:152 Resp: 171969
Ion Ratio Lower Upper
152 100
115 60.9 31.3 93.8
150 157.7 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 51.110 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD071914.D
Acq: 08 Feb 2022 13:26

Tgt Ion: 75 Resp: 92629
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#

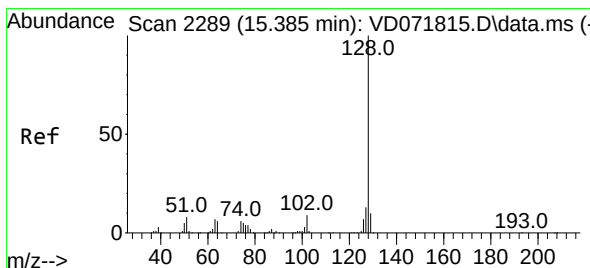
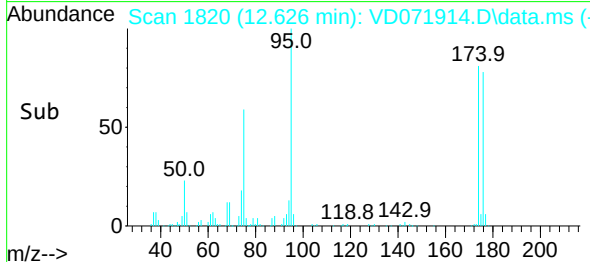
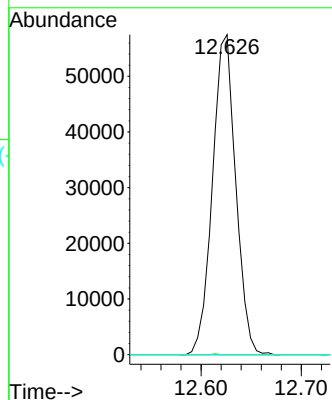
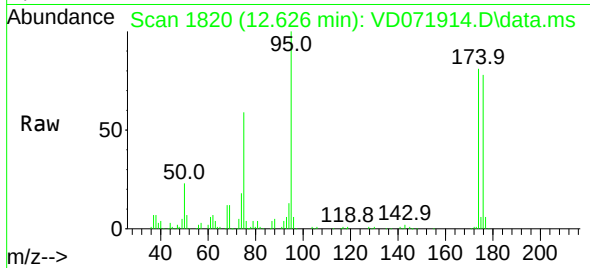




#81
trans-1,4-Dichloro-2-butene
Concen: 125.668 ug/l
RT: 12.626 min Scan# 11
Delta R.T. 0.106 min
Lab File: VD071914.D
Acq: 08 Feb 2022 13:26

Instrument :
MSVOA_D
ClientSampleId :
TP-23

Tgt Ion: 75 Resp: 92629
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 0.0 33.9 50.9#



#95
Naphthalene
Concen: 1.609 ug/l
RT: 15.379 min Scan# 2288
Delta R.T. -0.006 min
Lab File: VD071914.D
Acq: 08 Feb 2022 13:26

Tgt Ion: 128 Resp: 956
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.4 12.6#

