

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020822\
 Data File : VD071923.D
 Acq On : 08 Feb 2022 17:43
 Operator : VA/SY
 Sample : N1423-06RE
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-23

Quant Time: Feb 09 04:01:19 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)

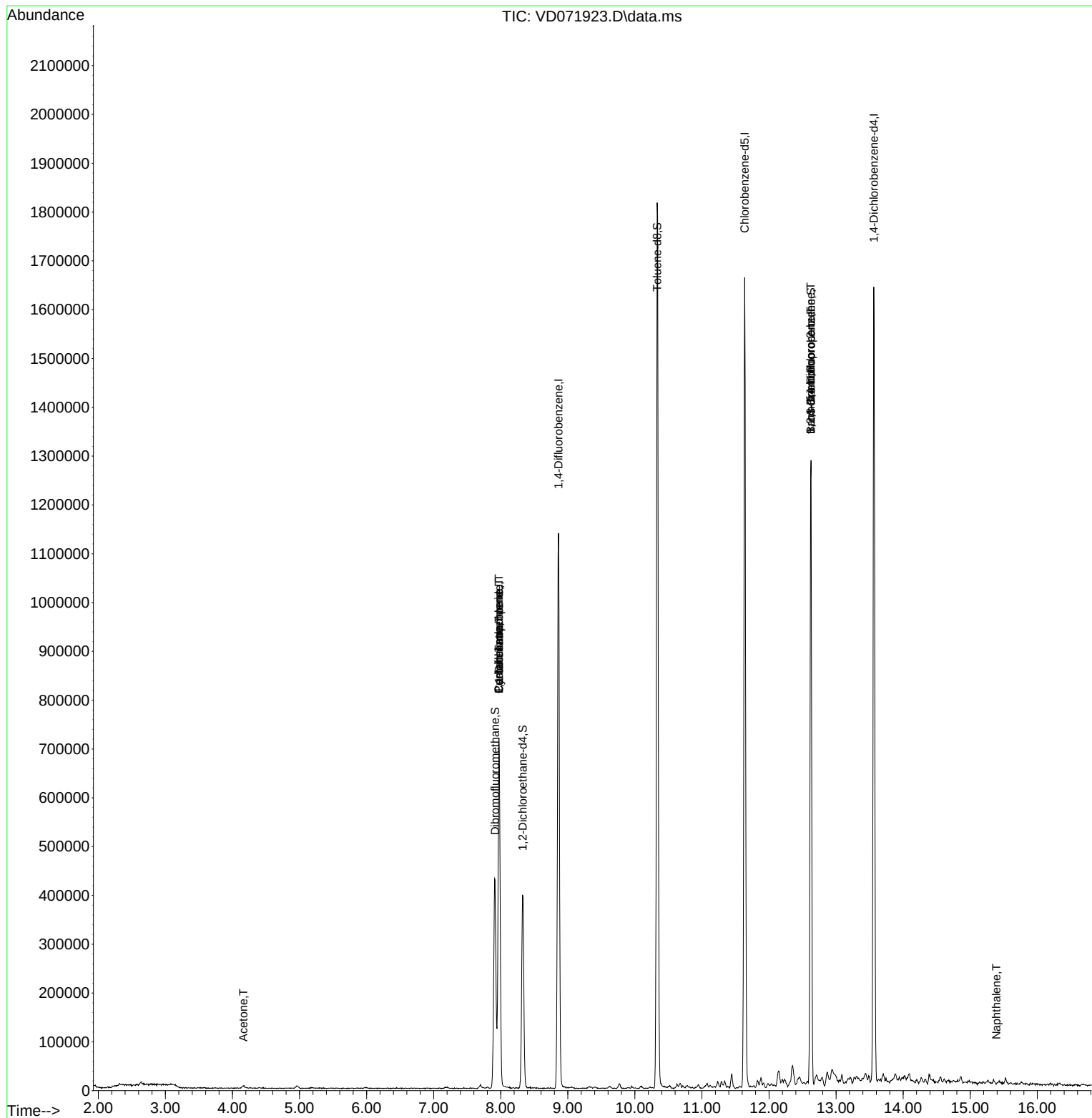
Internal Standards						
1) Pentafluorobenzene	7.973	168	475902	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	894544	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	863446	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	396671	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	325946	54.187	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 108.380%		
35) Dibromofluoromethane	7.914	113	296997	50.509	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 101.020%		
50) Toluene-d8	10.332	98	1166962	53.140	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 106.280%		
62) 4-Bromofluorobenzene	12.626	95	405775	52.913	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 105.820%		
Target Compounds						
11) Tert butyl alcohol	5.191	59	469	Below Cal	#	74
16) Acetone	4.162	43	9769	5.933	ug/l #	89
20) Methylene Chloride	4.962	84	3584	Below Cal	#	84
31) Cyclohexane	7.973	56	14017	1.221	ug/l #	4
36) 1,1-Dichloropropene	7.973	75	44380	4.397	ug/l #	50
38) Carbon Tetrachloride	7.973	117	53796	5.390	ug/l #	16
71) Bromoform	12.620	173	4314	1.216	ug/l #	1
76) 1,2,3-Trichloropropane	12.620	75	227234	54.357	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	227234	133.651	ug/l #	7
95) Naphthalene	15.390	128	447	1.485	ug/l #	76

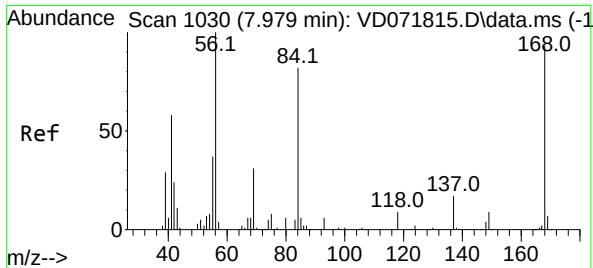
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 09 04:01:19 2022
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Quant Title : SW846 8260
QLast Update : Thu Jan 27 06:04:38 2022
Response via : Initial Calibration

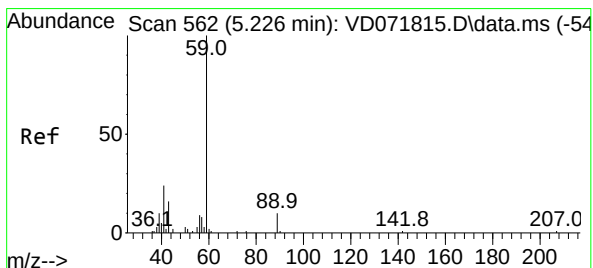
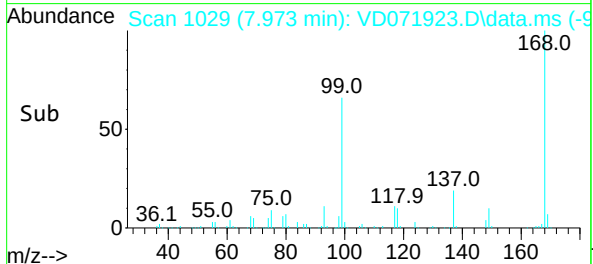
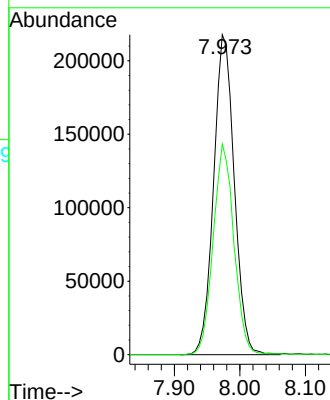
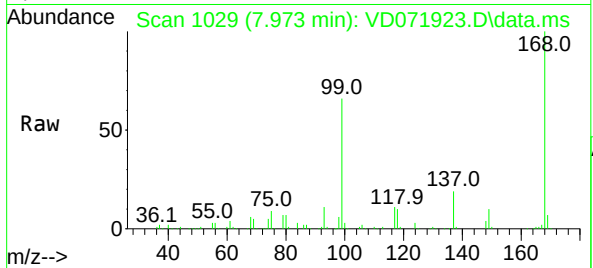




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071923.D
Acq: 08 Feb 2022 17:43

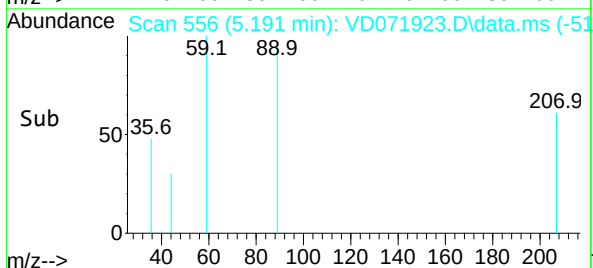
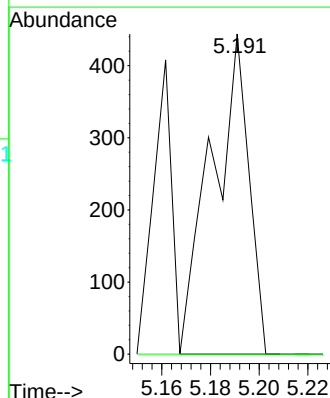
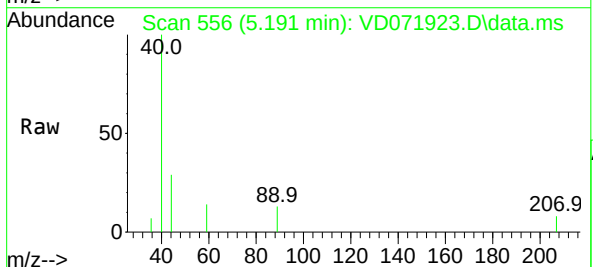
Instrument :
MSVOA_D
ClientSampleId :
TP-23

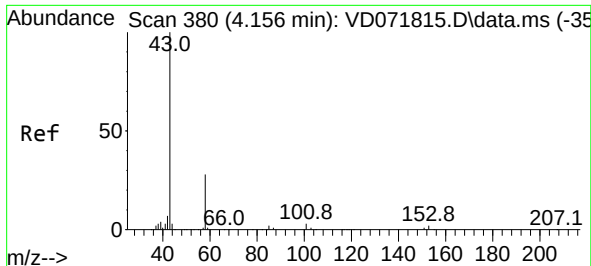
Tgt Ion:168 Resp: 475902
Ion Ratio Lower Upper
168 100
99 65.9 49.8 74.6



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.191 min Scan# 556
Delta R.T. -0.029 min
Lab File: VD071923.D
Acq: 08 Feb 2022 17:43

Tgt Ion: 59 Resp: 469
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

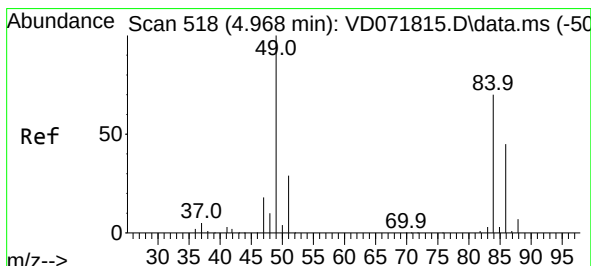
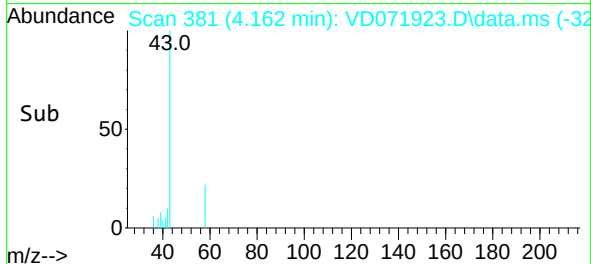
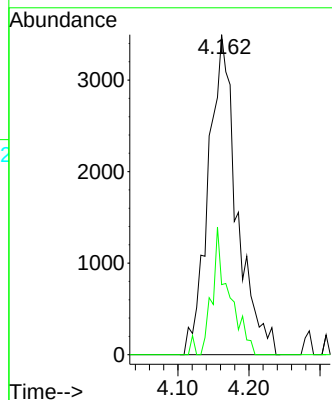
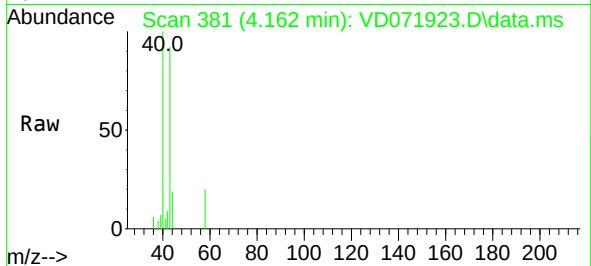




#16
Acetone
Concen: 5.933 ug/l
RT: 4.162 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD071923.D
Acq: 08 Feb 2022 17:43

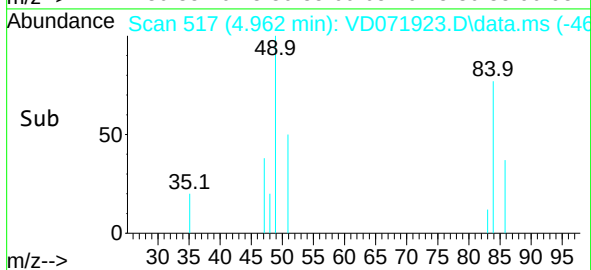
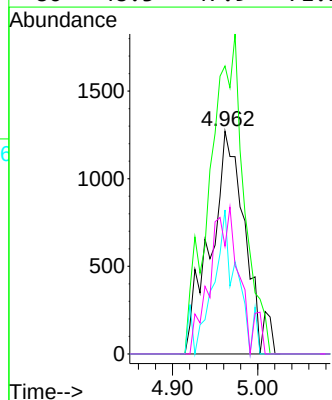
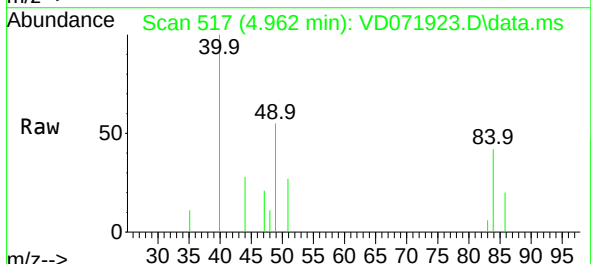
Instrument :
MSVOA_D
ClientSampleId :
TP-23

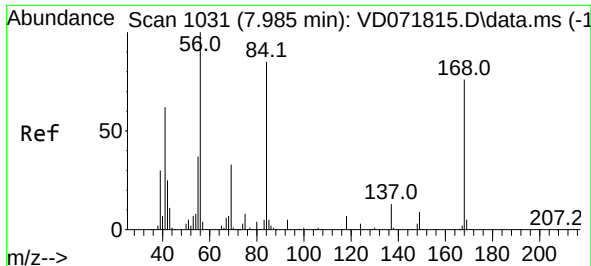
Tgt Ion: 43 Resp: 9769
Ion Ratio Lower Upper
43 100
58 21.9 22.1 33.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.006 min
Lab File: VD071923.D
Acq: 08 Feb 2022 17:43

Tgt Ion: 84 Resp: 3584
Ion Ratio Lower Upper
84 100
49 129.3 112.8 169.2
51 64.7 32.6 48.8#
86 48.3 47.9 71.9

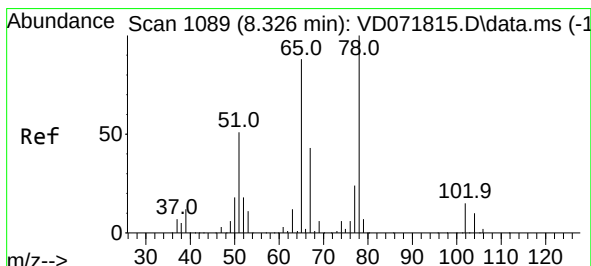
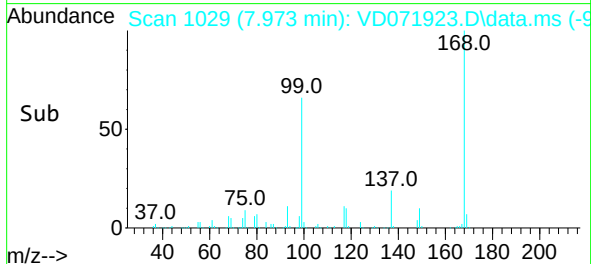
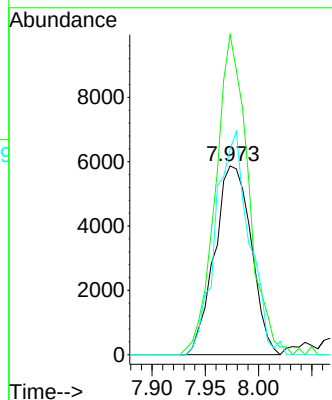
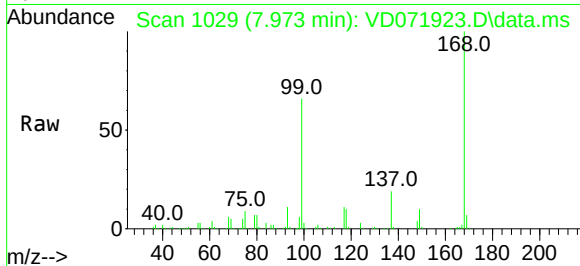




#31
Cyclohexane
Concen: 1.221 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD071923.D
Acq: 08 Feb 2022 17:43

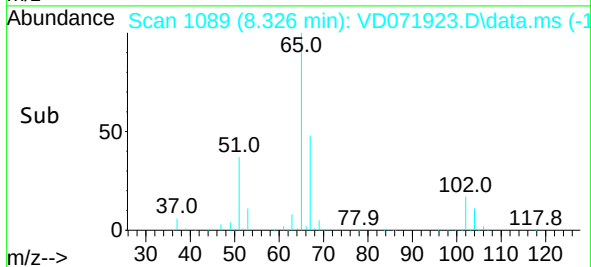
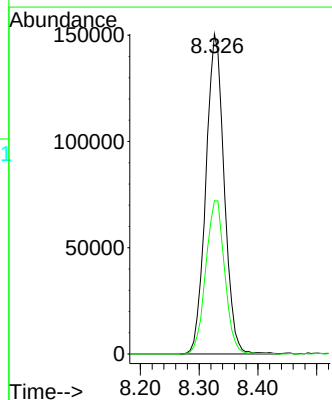
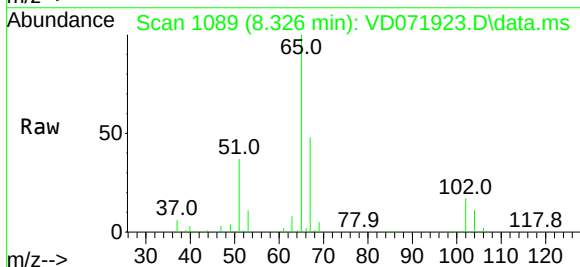
Instrument :
MSVOA_D
ClientSampleId :
TP-23

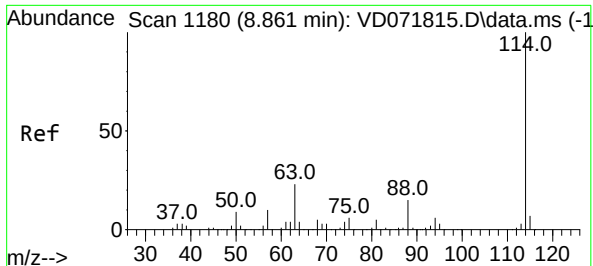
Tgt Ion: 56 Resp: 14017
Ion Ratio Lower Upper
56 100
69 169.5 25.4 38.2#
84 108.8 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 54.187 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD071923.D
Acq: 08 Feb 2022 17:43

Tgt Ion: 65 Resp: 325946
Ion Ratio Lower Upper
65 100
67 49.6 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: VD071923.D

Acq: 08 Feb 2022 17:43

Instrument :

MSVOA_D

ClientSampleId :

TP-23

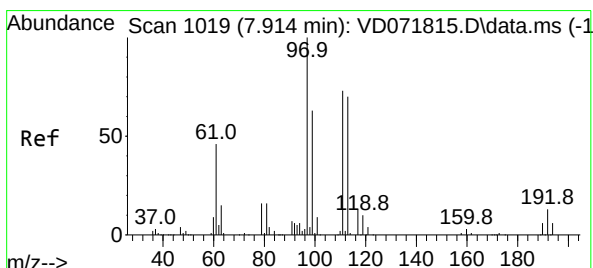
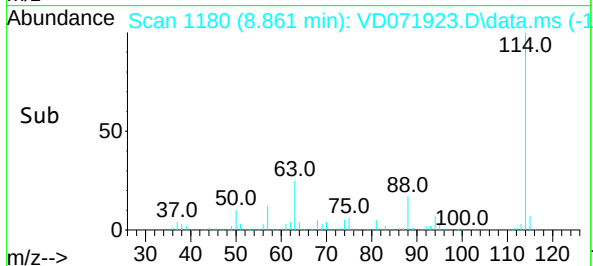
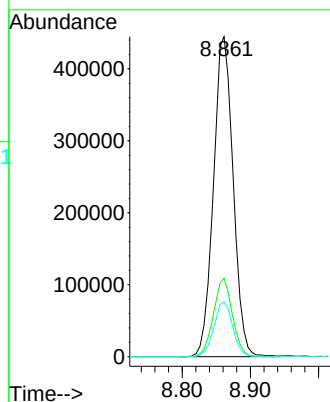
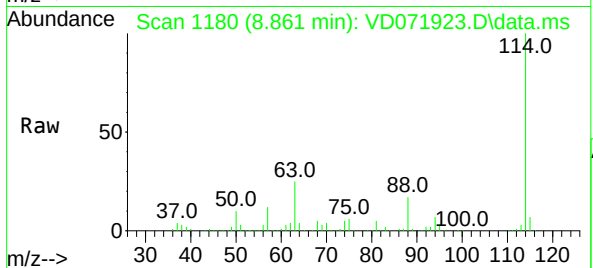
Tgt Ion:114 Resp: 894544

Ion Ratio Lower Upper

114 100

63 24.5 0.0 46.6

88 17.2 0.0 33.2



#35

Dibromofluoromethane

Concen: 50.509 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD071923.D

Acq: 08 Feb 2022 17:43

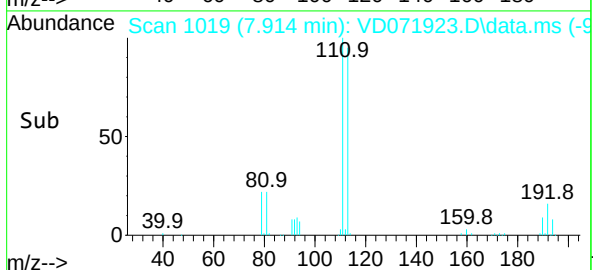
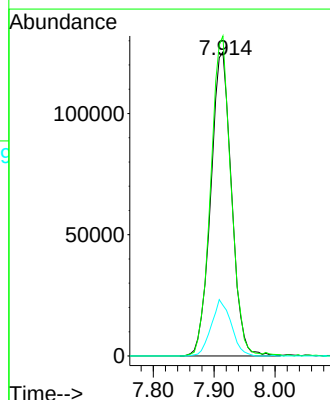
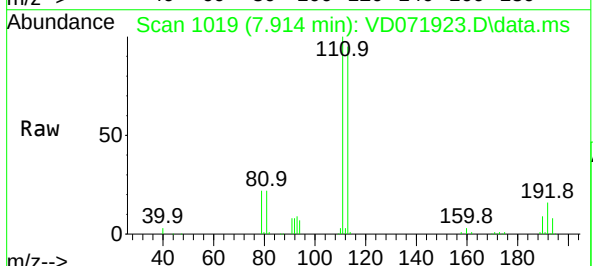
Tgt Ion:113 Resp: 296997

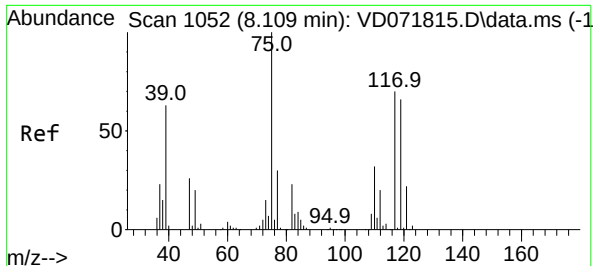
Ion Ratio Lower Upper

113 100

111 102.6 83.8 125.6

192 17.7 14.6 21.8





#36

1,1-Dichloropropene

Concen: 4.397 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.141 min

Lab File: VD071923.D

Acq: 08 Feb 2022 17:43

Instrument :

MSVOA_D

ClientSampleId :

TP-23

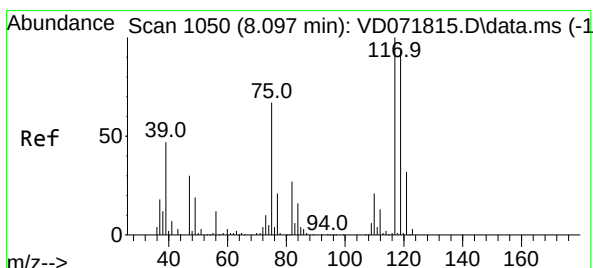
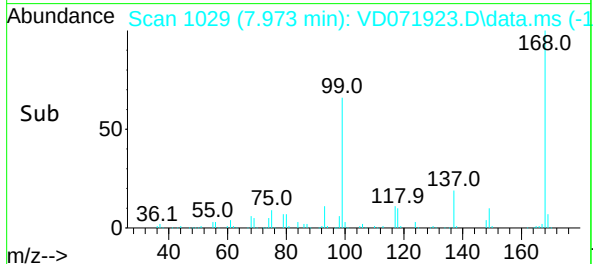
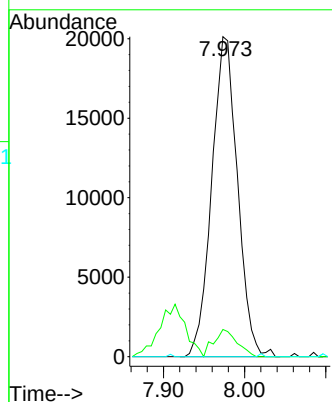
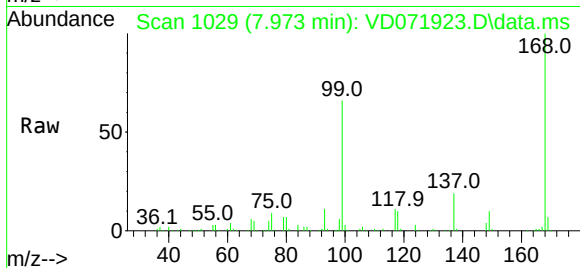
Tgt Ion: 75 Resp: 44380

Ion Ratio Lower Upper

75 100

110 7.6 16.4 49.1#

77 0.0 24.2 36.2#



#38

Carbon Tetrachloride

Concen: 5.390 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.124 min

Lab File: VD071923.D

Acq: 08 Feb 2022 17:43

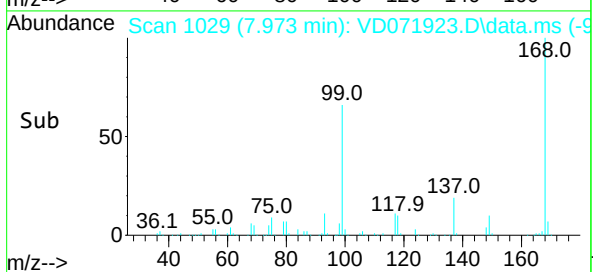
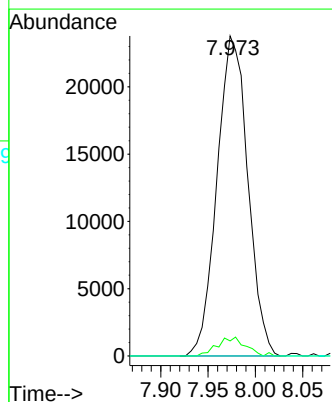
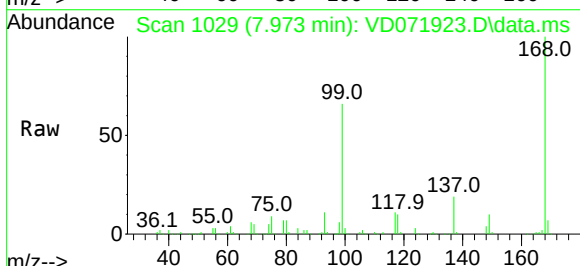
Tgt Ion: 117 Resp: 53796

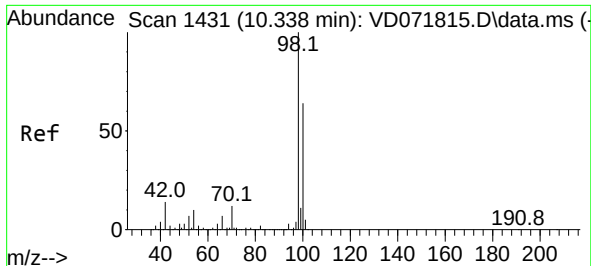
Ion Ratio Lower Upper

117 100

119 4.7 75.8 113.6#

121 0.0 24.5 36.7#

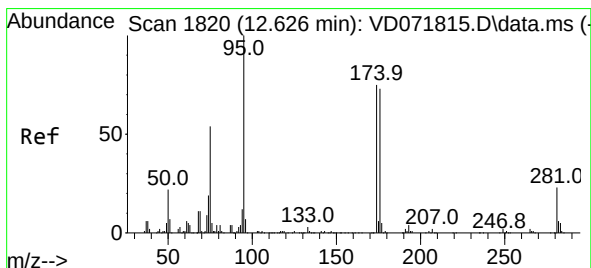
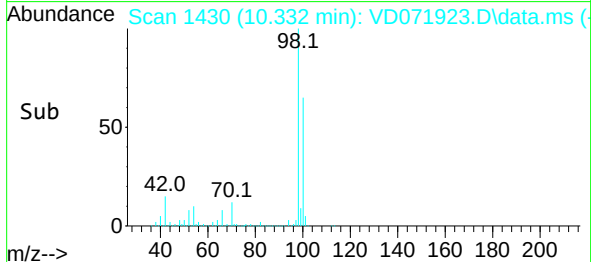
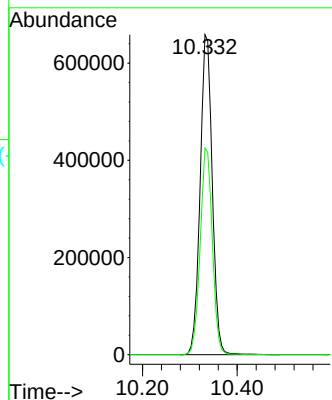
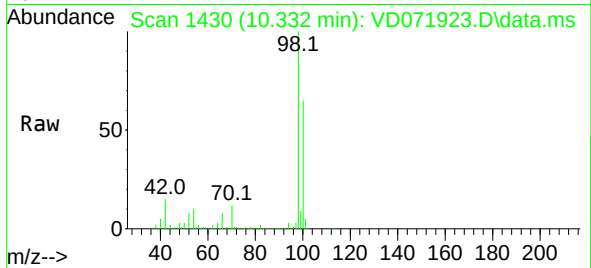




#50
Toluene-d8
Concen: 53.140 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD071923.D
Acq: 08 Feb 2022 17:43

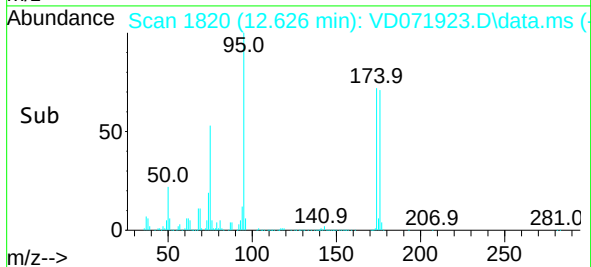
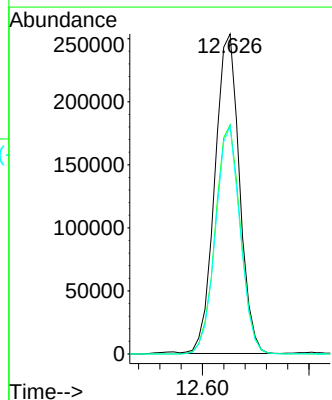
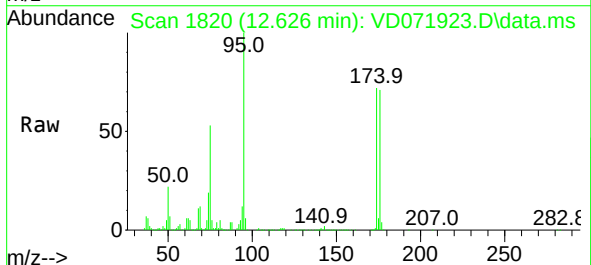
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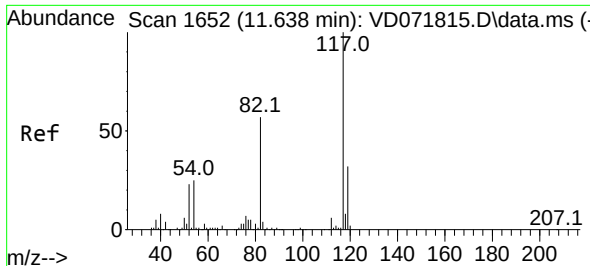
Tgt Ion: 98 Resp: 1166962
Ion Ratio Lower Upper
98 100
100 64.8 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 52.913 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071923.D
Acq: 08 Feb 2022 17:43

Tgt Ion: 95 Resp: 405775
Ion Ratio Lower Upper
95 100
174 73.3 0.0 152.8
176 71.2 0.0 145.4

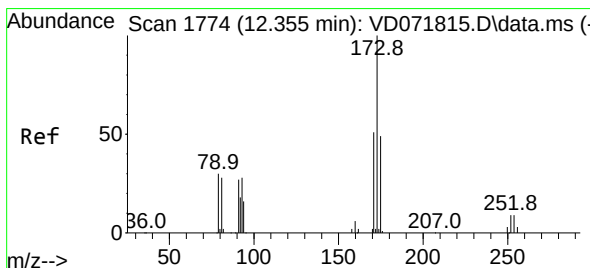
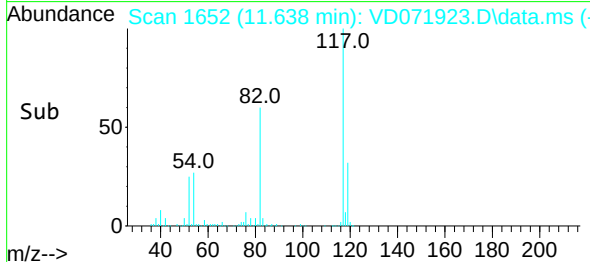
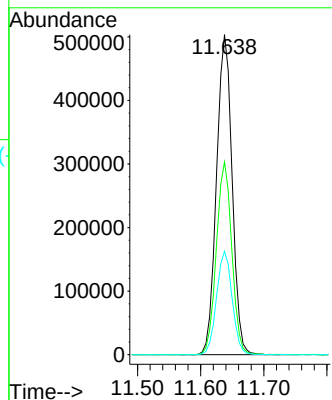
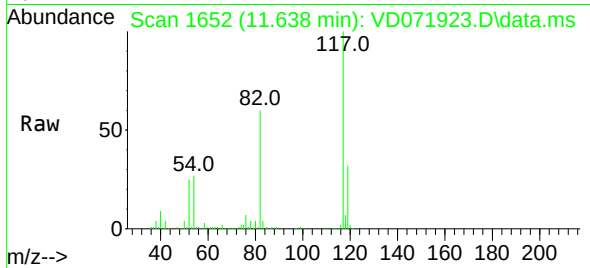




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD071923.D
Acq: 08 Feb 2022 17:43

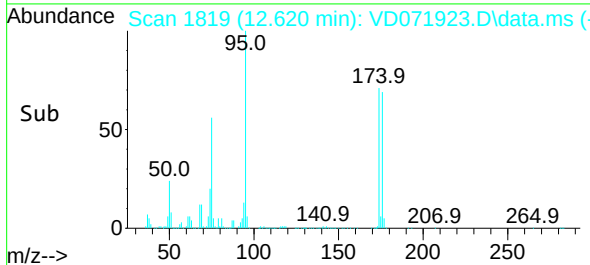
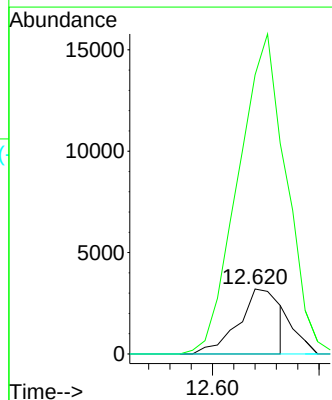
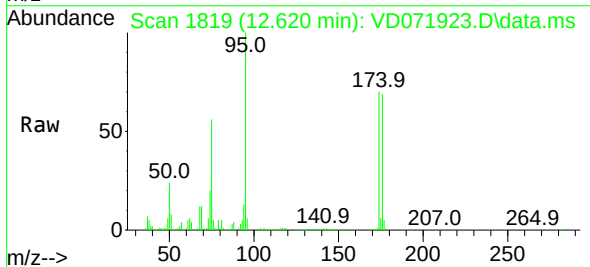
Instrument :
MSVOA_D
ClientSampleId :
TP-23

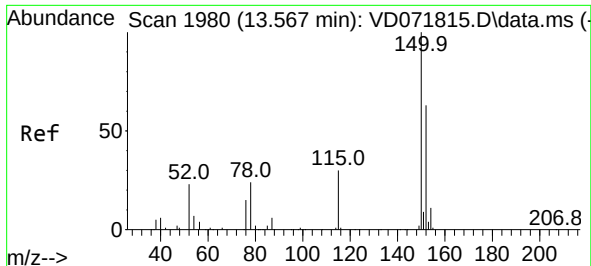
Tgt Ion:117 Resp: 863446
Ion Ratio Lower Upper
117 100
82 60.1 45.3 67.9
119 32.3 26.6 40.0



#71
Bromoform
Concen: 1.216 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.265 min
Lab File: VD071923.D
Acq: 08 Feb 2022 17:43

Tgt Ion:173 Resp: 4314
Ion Ratio Lower Upper
173 100
175 491.8 23.9 71.8#
254 0.0 0.0 0.0

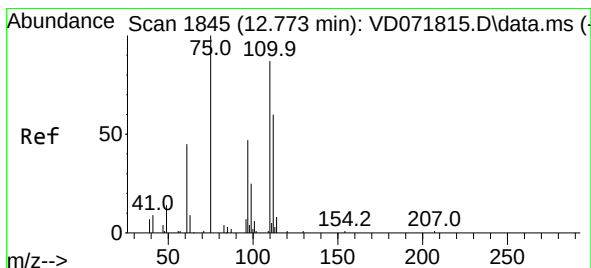
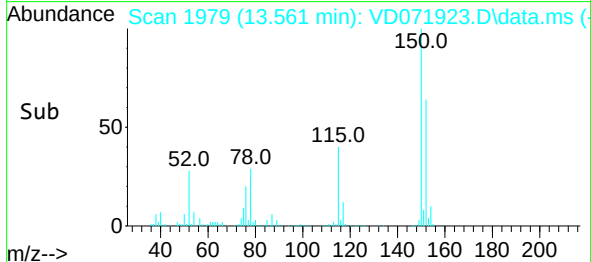
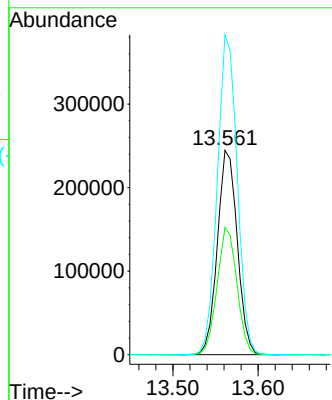
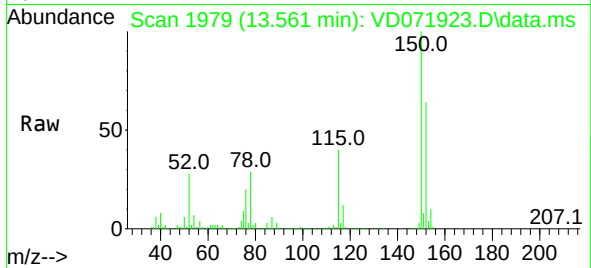




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1980
Delta R.T. -0.006 min
Lab File: VD071923.D
Acq: 08 Feb 2022 17:43

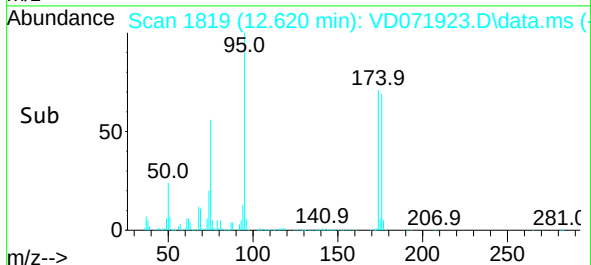
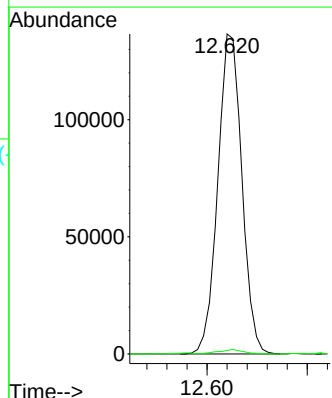
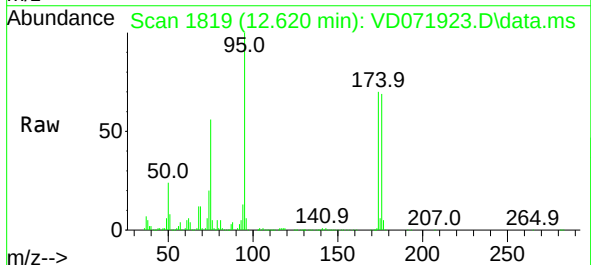
Instrument :
MSVOA_D
ClientSampleId :
TP-23

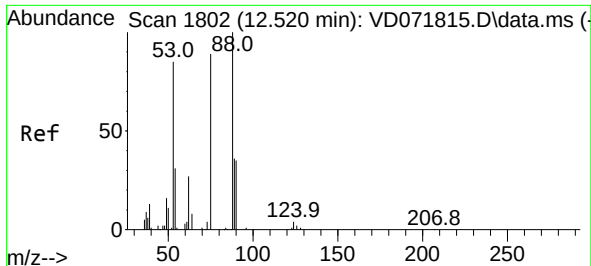
Tgt Ion:152 Resp: 396671
Ion Ratio Lower Upper
152 100
115 61.9 31.3 93.8
150 156.9 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 54.357 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD071923.D
Acq: 08 Feb 2022 17:43

Tgt Ion: 75 Resp: 227234
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#

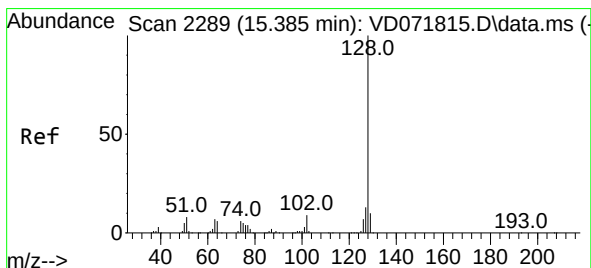
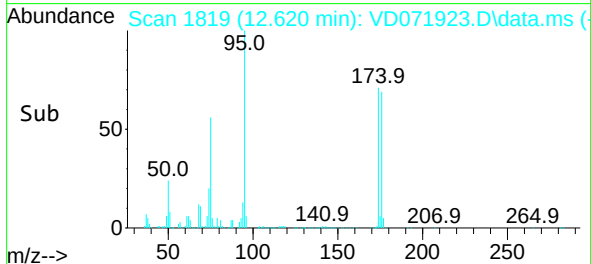
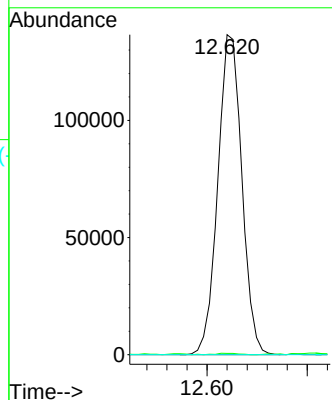
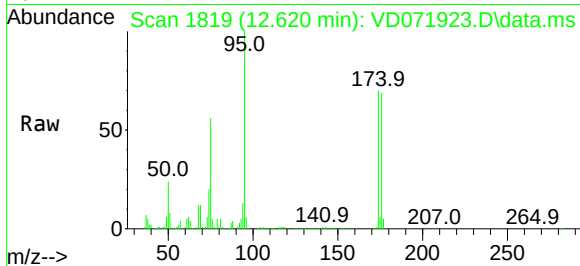




#81
trans-1,4-Dichloro-2-butene
Concen: 133.651 ug/l
RT: 12.620 min Scan# 11
Delta R.T. 0.100 min
Lab File: VD071923.D
Acq: 08 Feb 2022 17:43

Instrument :
MSVOA_D
ClientSampleId :
TP-23

Tgt Ion: 75 Resp: 227234
Ion Ratio Lower Upper
75 100
53 0.4 86.5 129.7#
89 0.0 33.9 50.9#



#95
Naphthalene
Concen: 1.485 ug/l
RT: 15.390 min Scan# 2290
Delta R.T. 0.006 min
Lab File: VD071923.D
Acq: 08 Feb 2022 17:43

Tgt Ion:128 Resp: 447
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 15.4 8.4 12.6#

