

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020822\
 Data File : VD071915.D
 Acq On : 08 Feb 2022 13:55
 Operator : VA/SY
 Sample : N1423-08
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-24

Quant Time: Feb 09 03:50:56 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)

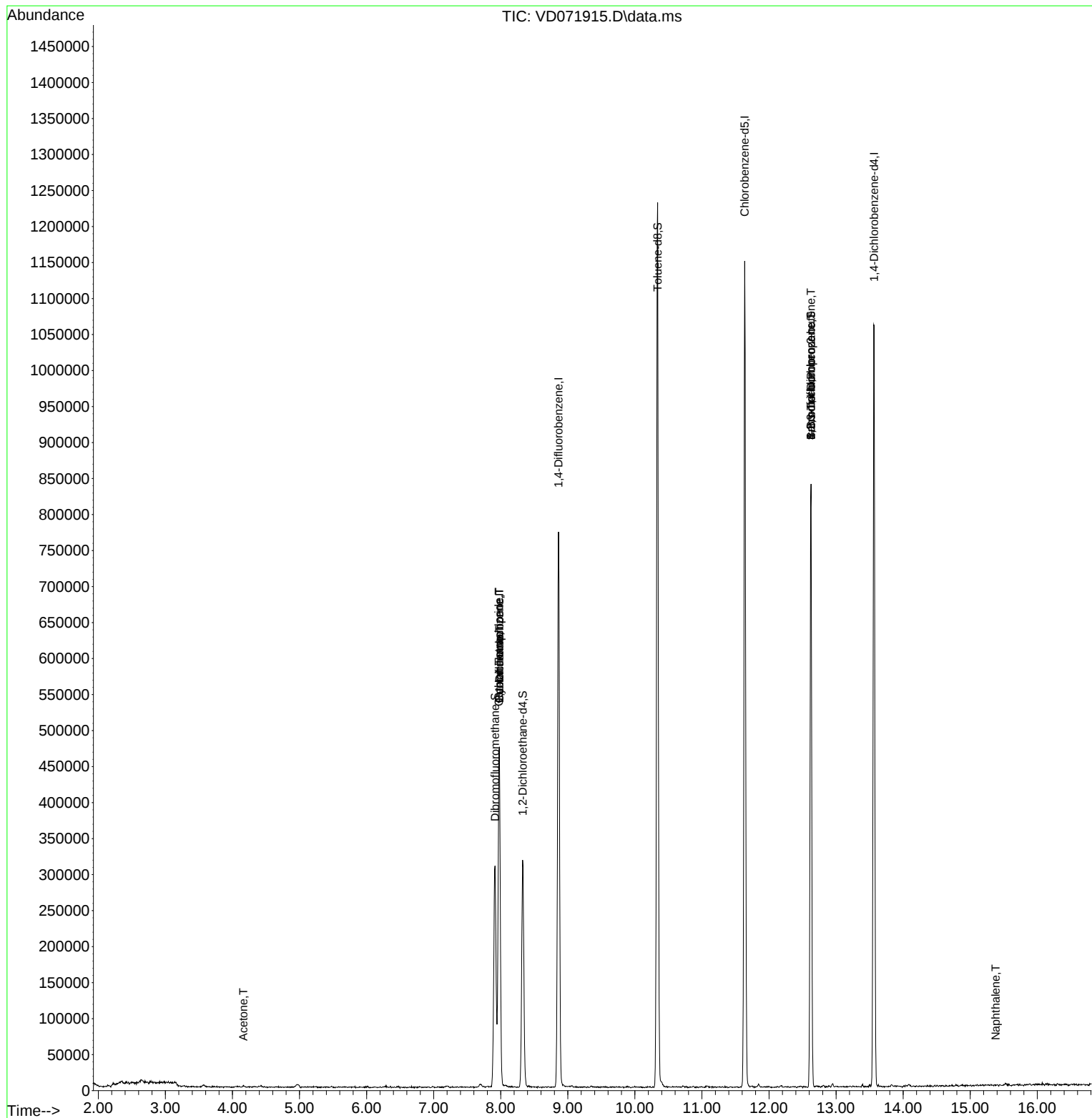
Internal Standards						
1) Pentafluorobenzene	7.979	168	326461	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	626287	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	612706	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	270846	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	251231	60.885	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 121.780%		
35) Dibromofluoromethane	7.914	113	219016	53.201	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 106.400%		
50) Toluene-d8	10.338	98	799522	52.002	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 104.000%		
62) 4-Bromofluorobenzene	12.626	95	264478	49.260	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 98.520%		
Target Compounds						
11) Tert butyl alcohol	5.220	59	66	Below Cal	#	74
16) Acetone	4.162	43	2560	2.266	ug/l #	47
20) Methylene Chloride	4.973	84	2457	Below Cal		90
31) Cyclohexane	7.979	56	9276	1.178	ug/l #	19
36) 1,1-Dichloropropene	7.979	75	30085	4.258	ug/l #	50
38) Carbon Tetrachloride	7.973	117	36015	5.154	ug/l #	16
71) Bromoform	12.626	173	3574	1.420	ug/l #	1
76) 1,2,3-Trichloropropane	12.626	75	149319	52.312	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	149319	128.624	ug/l #	7
95) Naphthalene	15.379	128	755	1.532	ug/l #	70

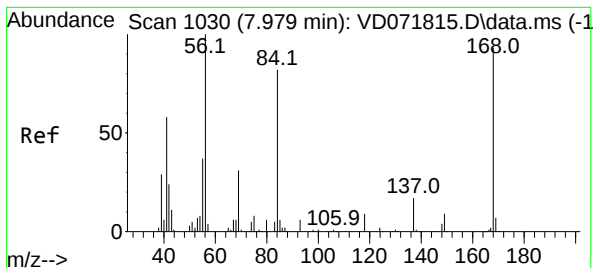
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

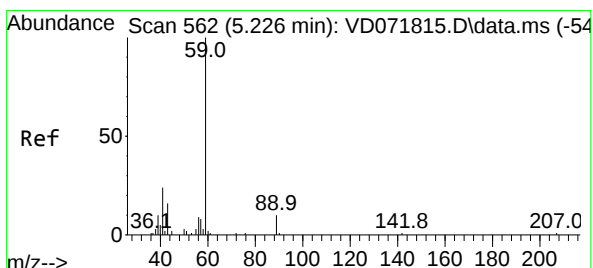
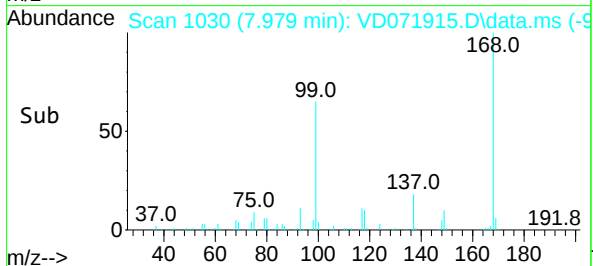
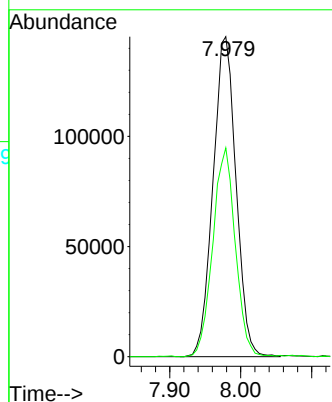
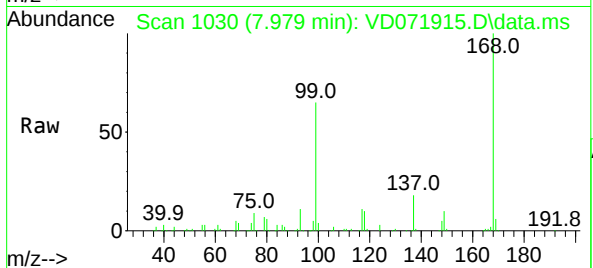




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD071915.D
Acq: 08 Feb 2022 13:55

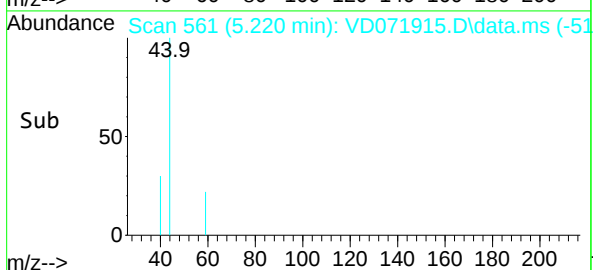
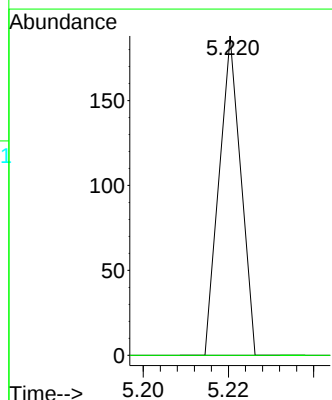
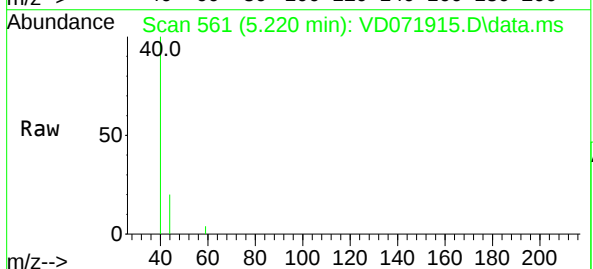
Instrument :
MSVOA_D
ClientSampleId :
TP-24

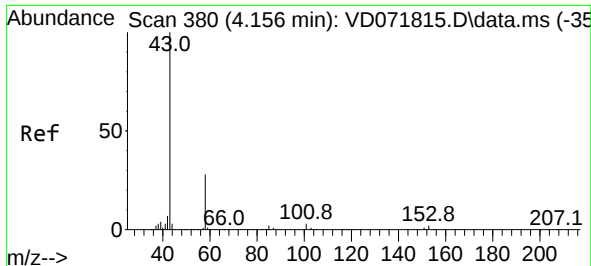
Tgt Ion:168 Resp: 326461
Ion Ratio Lower Upper
168 100
99 65.3 49.8 74.6



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.220 min Scan# 561
Delta R.T. -0.000 min
Lab File: VD071915.D
Acq: 08 Feb 2022 13:55

Tgt Ion: 59 Resp: 66
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

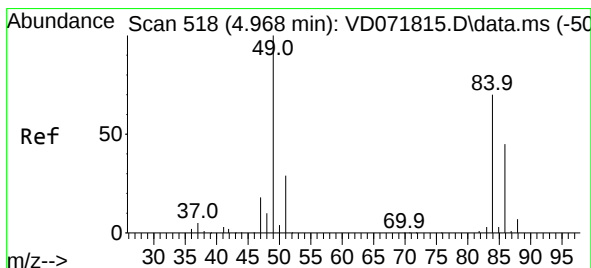
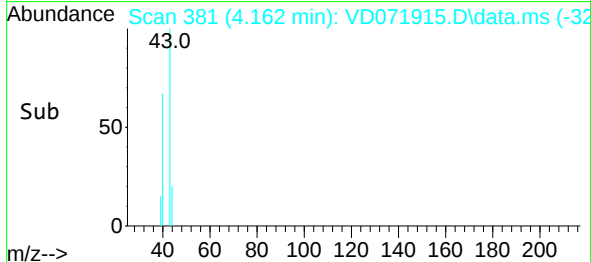
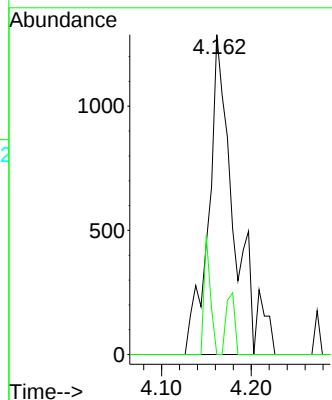
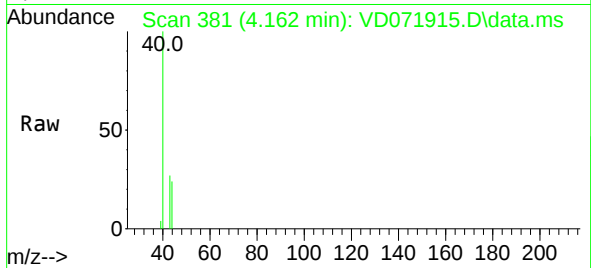




#16
Acetone
Concen: 2.266 ug/l
RT: 4.162 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD071915.D
Acq: 08 Feb 2022 13:55

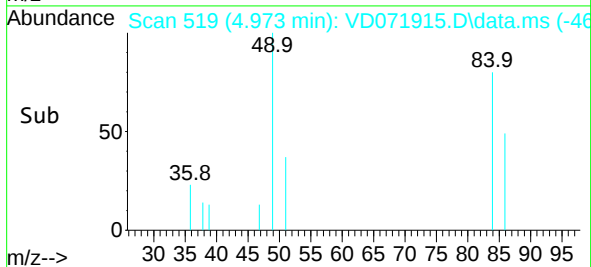
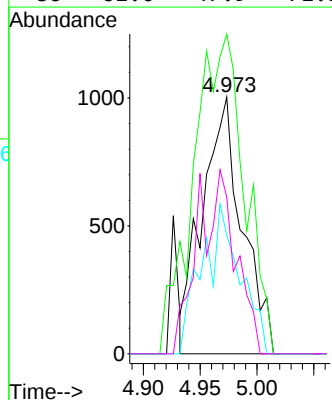
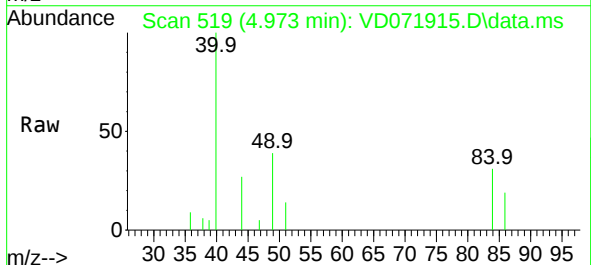
Instrument :
MSVOA_D
ClientSampleId :
TP-24

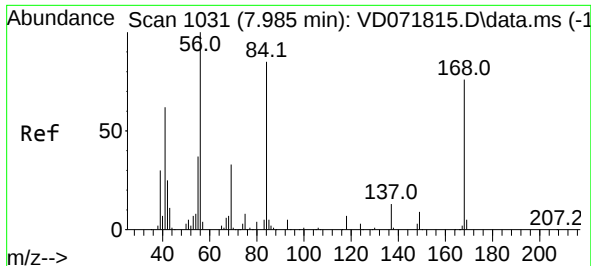
Tgt Ion: 43 Resp: 2560
Ion Ratio Lower Upper
43 100
58 0.0 22.1 33.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 519
Delta R.T. 0.006 min
Lab File: VD071915.D
Acq: 08 Feb 2022 13:55

Tgt Ion: 84 Resp: 2457
Ion Ratio Lower Upper
84 100
49 124.6 112.8 169.2
51 46.2 32.6 48.8
86 61.0 47.9 71.9

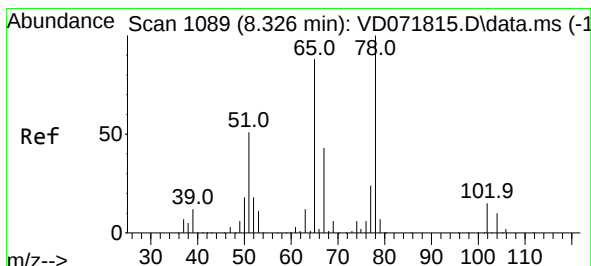
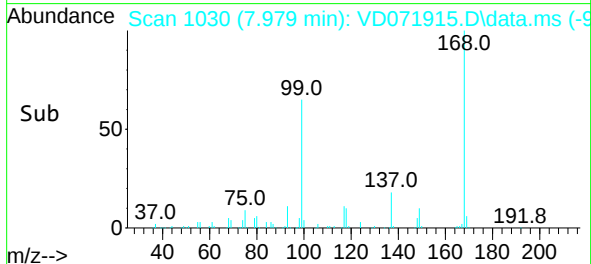
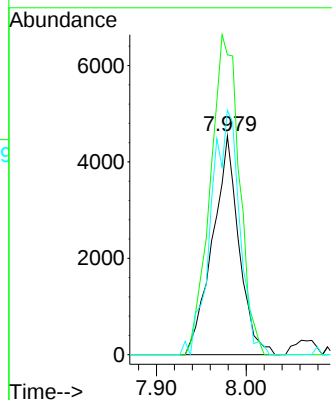
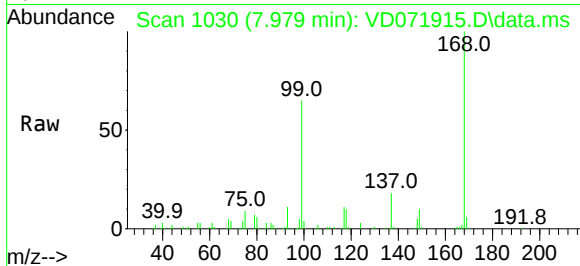




#31
Cyclohexane
Concen: 1.178 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071915.D
Acq: 08 Feb 2022 13:55

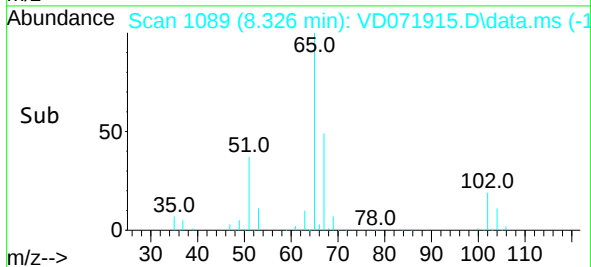
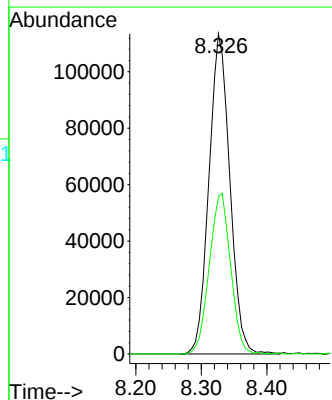
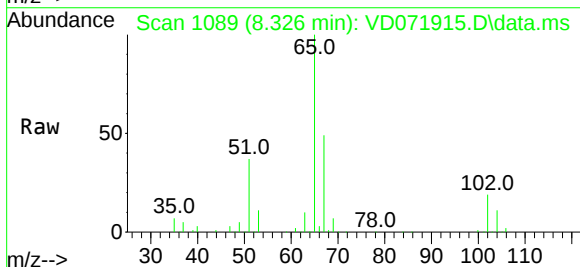
Instrument :
MSVOA_D
ClientSampleId :
TP-24

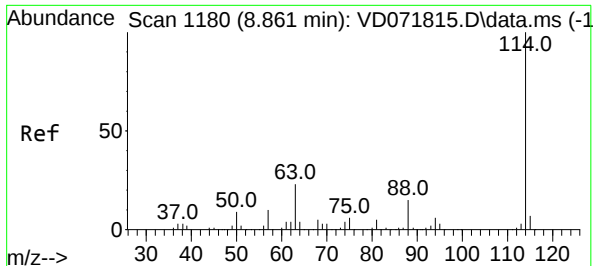
Tgt Ion: 56 Resp: 9276
Ion Ratio Lower Upper
56 100
69 137.1 25.4 38.2#
84 111.7 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 60.885 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD071915.D
Acq: 08 Feb 2022 13:55

Tgt Ion: 65 Resp: 251231
Ion Ratio Lower Upper
65 100
67 51.0 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: VD071915.D

Acq: 08 Feb 2022 13:55

Instrument :

MSVOA_D

ClientSampleId :

TP-24

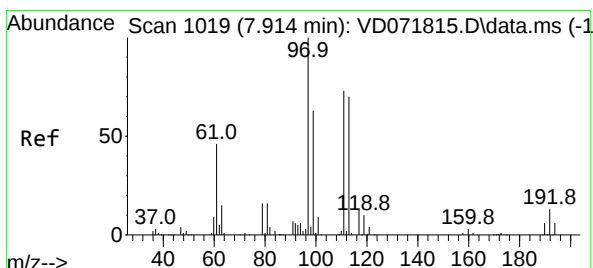
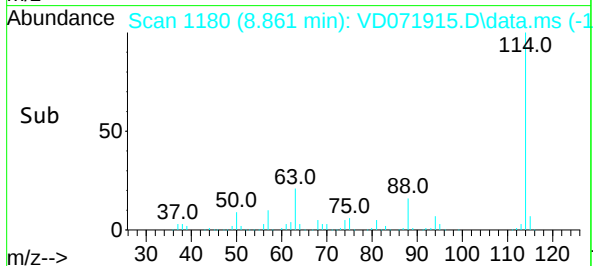
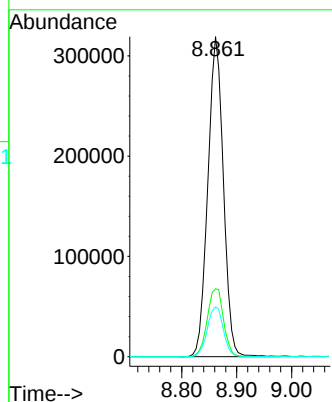
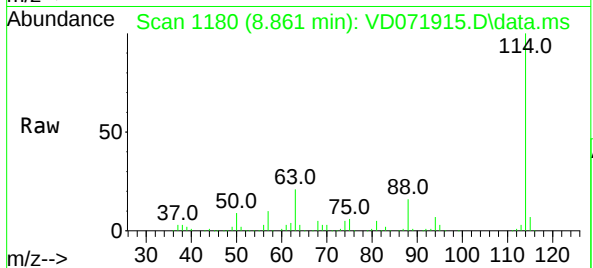
Tgt Ion:114 Resp: 626287

Ion Ratio Lower Upper

114 100

63 21.2 0.0 46.6

88 15.6 0.0 33.2



#35

Dibromofluoromethane

Concen: 53.201 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD071915.D

Acq: 08 Feb 2022 13:55

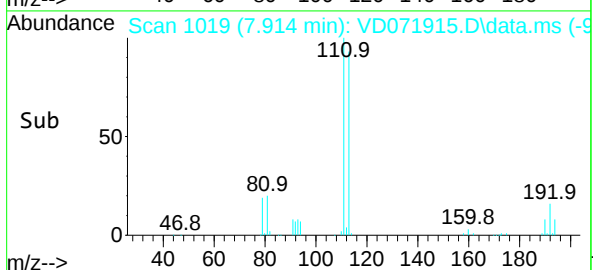
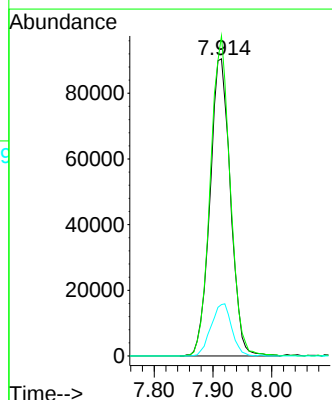
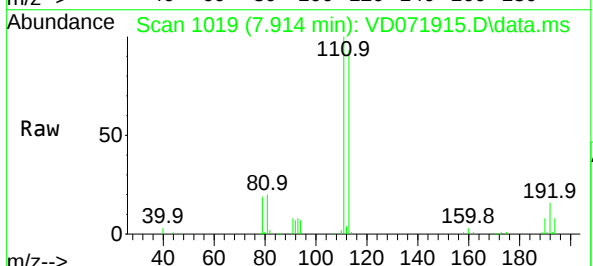
Tgt Ion:113 Resp: 219016

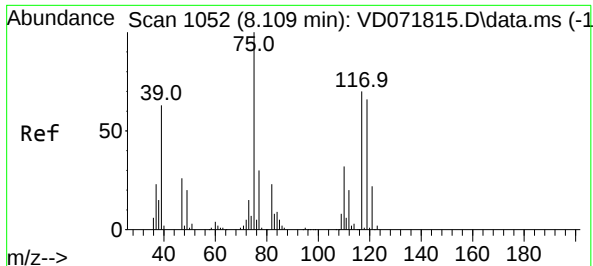
Ion Ratio Lower Upper

113 100

111 104.4 83.8 125.6

192 17.6 14.6 21.8





#36

1,1-Dichloropropene

Concen: 4.258 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.135 min

Lab File: VD071915.D

Acq: 08 Feb 2022 13:55

Instrument :

MSVOA_D

ClientSampleId :

TP-24

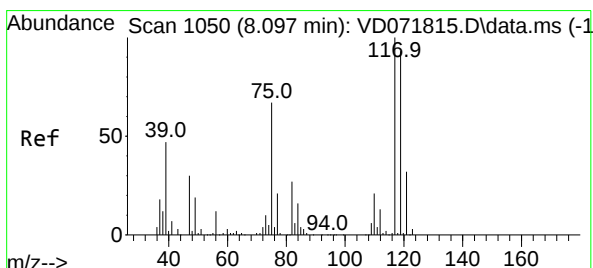
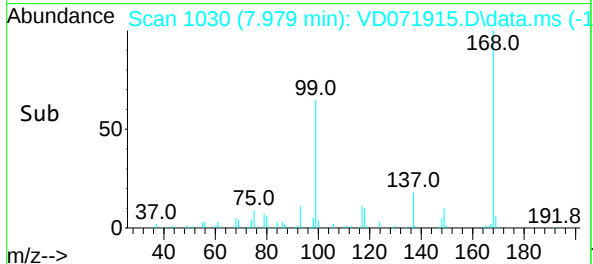
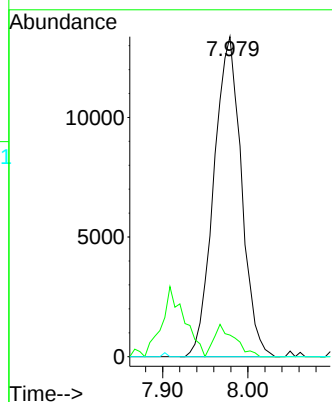
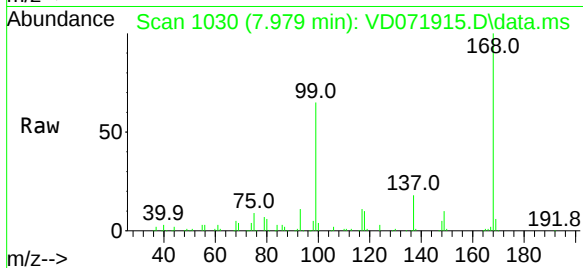
Tgt Ion: 75 Resp: 30085

Ion Ratio Lower Upper

75 100

110 7.6 16.4 49.1#

77 0.0 24.2 36.2#



#38

Carbon Tetrachloride

Concen: 5.154 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.124 min

Lab File: VD071915.D

Acq: 08 Feb 2022 13:55

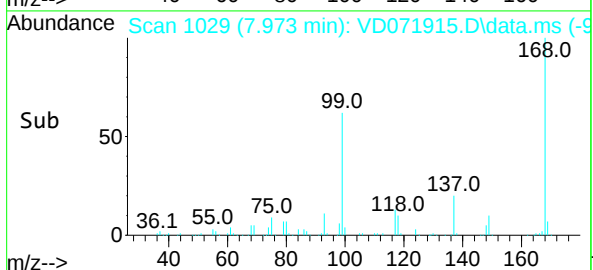
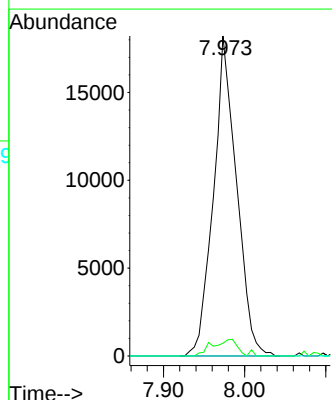
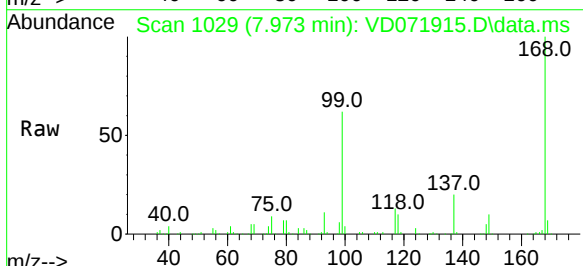
Tgt Ion: 117 Resp: 36015

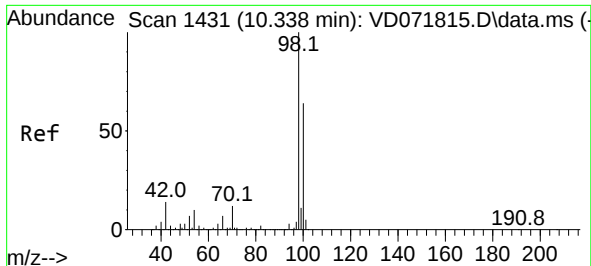
Ion Ratio Lower Upper

117 100

119 4.0 75.8 113.6#

121 0.0 24.5 36.7#

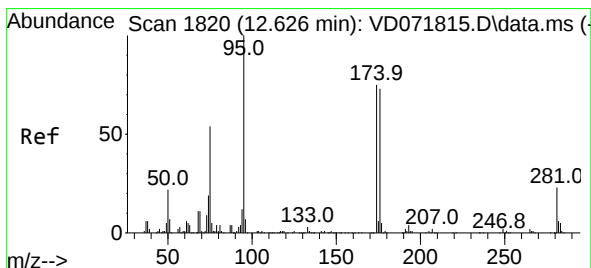
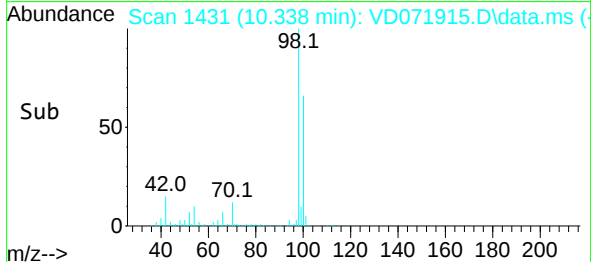
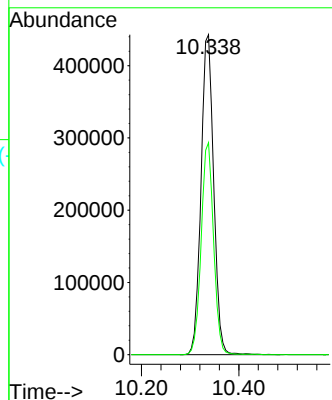
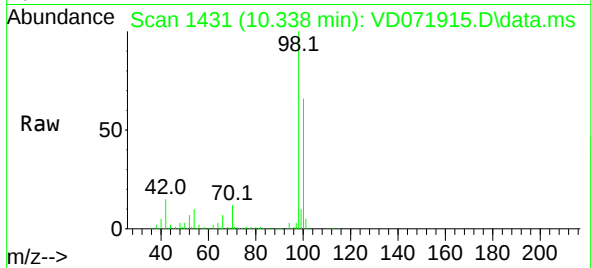




#50
Toluene-d8
Concen: 52.002 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071915.D
Acq: 08 Feb 2022 13:55

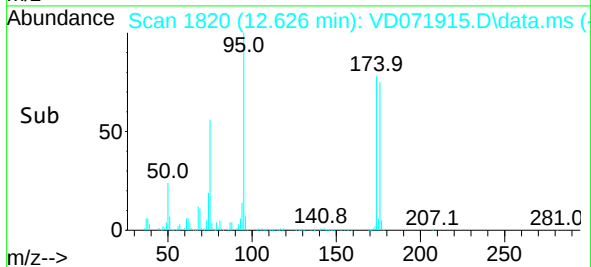
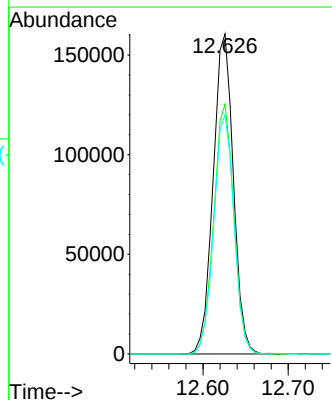
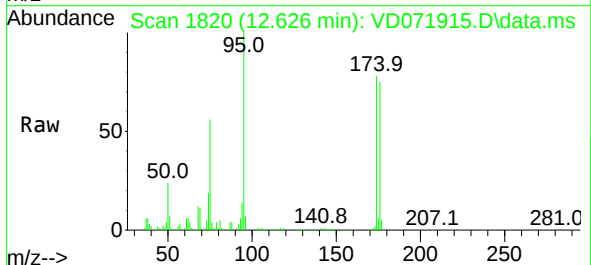
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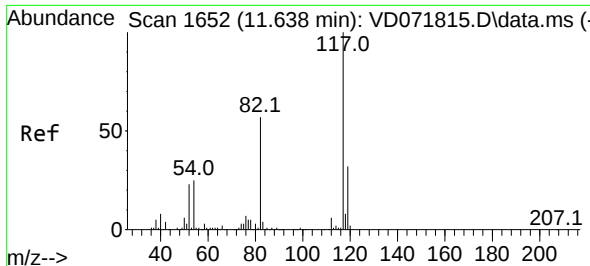
Tgt Ion: 98 Resp: 799522
Ion Ratio Lower Upper
98 100
100 65.0 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 49.260 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071915.D
Acq: 08 Feb 2022 13:55

Tgt Ion: 95 Resp: 264478
Ion Ratio Lower Upper
95 100
174 77.9 0.0 152.8
176 74.7 0.0 145.4

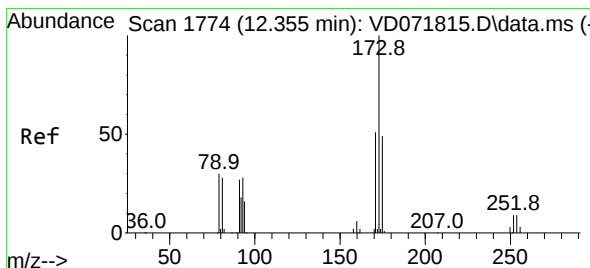
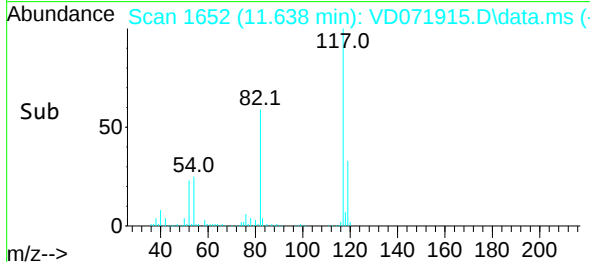
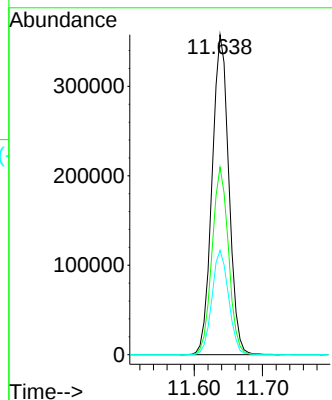
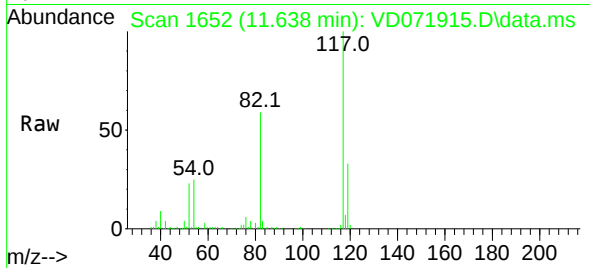




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD071915.D
Acq: 08 Feb 2022 13:55

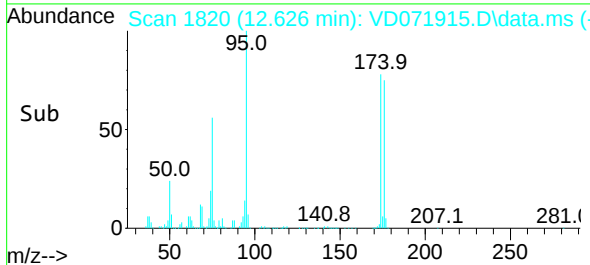
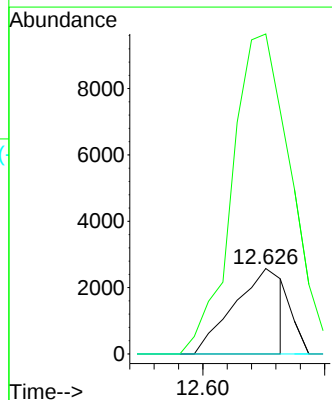
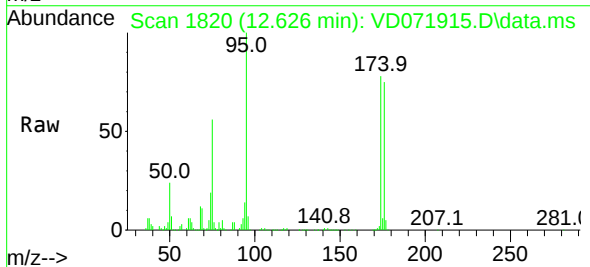
Instrument :
MSVOA_D
ClientSampleId :
TP-24

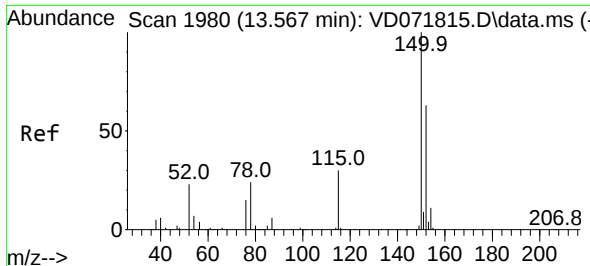
Tgt Ion:117 Resp: 612706
Ion Ratio Lower Upper
117 100
82 58.6 45.3 67.9
119 32.6 26.6 40.0



#71
Bromoform
Concen: 1.420 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.271 min
Lab File: VD071915.D
Acq: 08 Feb 2022 13:55

Tgt Ion:173 Resp: 3574
Ion Ratio Lower Upper
173 100
175 372.3 23.9 71.8#
254 0.0 0.0 0.0

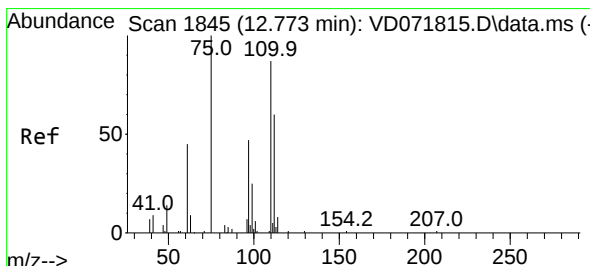
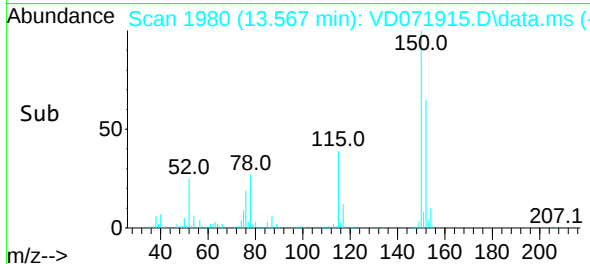
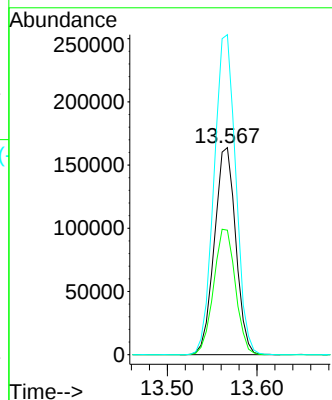
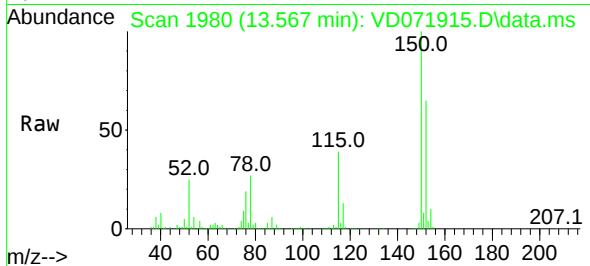




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD071915.D
 Acq: 08 Feb 2022 13:55

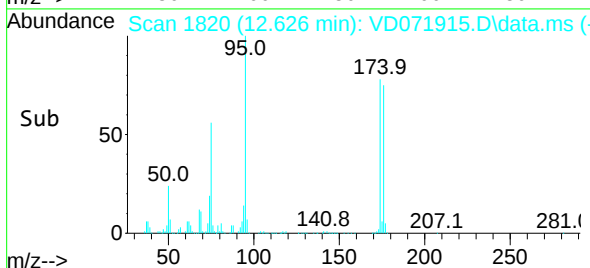
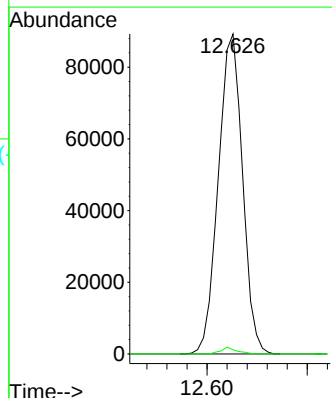
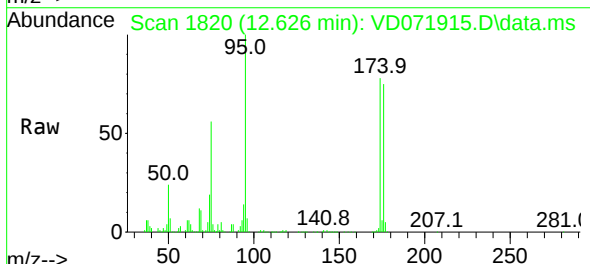
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-24

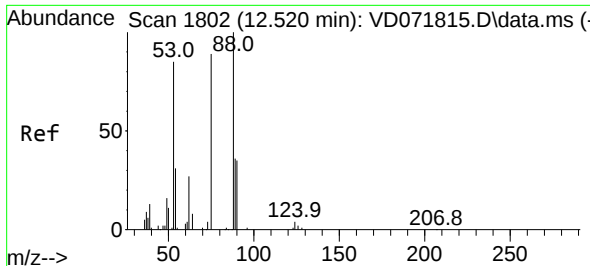
Tgt Ion:152 Resp: 270846
 Ion Ratio Lower Upper
 152 100
 115 62.0 31.3 93.8
 150 157.4 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 52.312 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.147 min
 Lab File: VD071915.D
 Acq: 08 Feb 2022 13:55

Tgt Ion: 75 Resp: 149319
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#

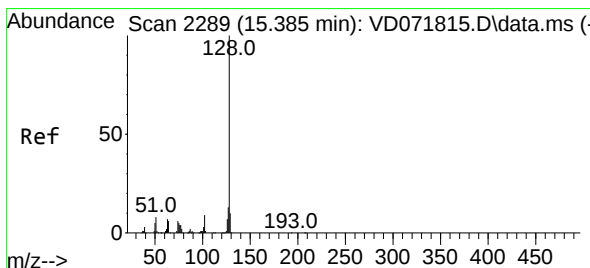
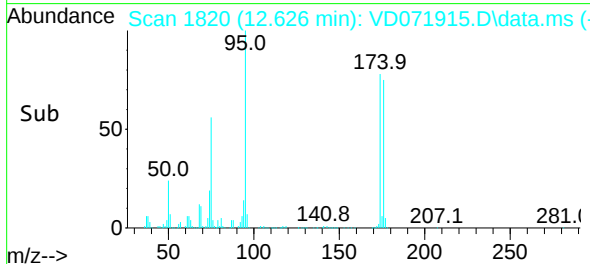
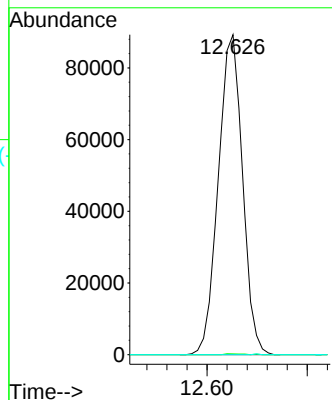
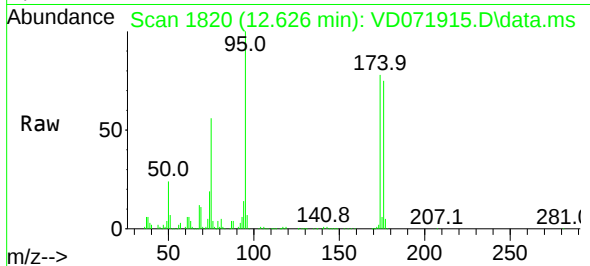




#81
trans-1,4-Dichloro-2-butene
Concen: 128.624 ug/l
RT: 12.626 min Scan# 11
Delta R.T. 0.106 min
Lab File: VD071915.D
Acq: 08 Feb 2022 13:55

Instrument :
MSVOA_D
ClientSampleId :
TP-24

Tgt Ion: 75 Resp: 149319
Ion Ratio Lower Upper
75 100
53 0.2 86.5 129.7#
89 0.0 33.9 50.9#



#95
Naphthalene
Concen: 1.532 ug/l
RT: 15.379 min Scan# 2288
Delta R.T. -0.006 min
Lab File: VD071915.D
Acq: 08 Feb 2022 13:55

Tgt Ion:128 Resp: 755
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.4 12.6#

