

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051022\
 Data File : VD072915.D
 Acq On : 10 May 2022 15:34
 Operator : VA/SY
 Sample : N2745-04
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MH-31D

Quant Time: May 11 05:51:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

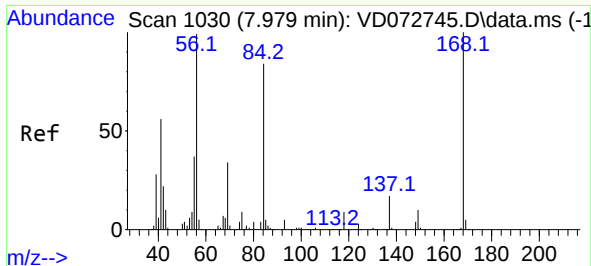
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.967	168	5643	50.000	ug/l	#-0.01
34) 1,4-Difluorobenzene	8.855	114	9123	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	8947	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	3578	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	5106	69.706	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 139.420%	
35) Dibromofluoromethane	7.908	113	4370	68.205	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 136.400%	
50) Toluene-d8	10.332	98	10628	46.242	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 92.480%	
62) 4-Bromofluorobenzene	12.626	95	3755	43.817	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 87.640%	
Target Compounds						
						Qvalue
3) Chloromethane	2.203	50	97	1.196	ug/l #	33
16) Acetone	4.173	43	143	Below Cal	#	47
18) Methyl Acetate	4.667	43	60	1.265	ug/l #	55
25) 2-Butanone	7.161	43	63	2.952	ug/l #	52
27) cis-1,2-Dichloroethene	7.220	96	99	1.108	ug/l #	1
36) 1,1-Dichloropropene	7.961	75	813	7.804	ug/l #	43
37) Ethyl Acetate	7.161	43	63	1.315	ug/l #	72
38) Carbon Tetrachloride	7.985	117	727	6.722	ug/l #	13
59) 2-Hexanone	10.955	43	114	3.688	ug/l #	27
76) 1,2,3-Trichloropropane	12.620	75	2097	52.560	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	2097	120.867	ug/l #	7
90) Hexachloroethane	14.055	117	63	1.239	ug/l #	17

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

Quant Time: May 11 05:51:42 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
Quant Title : SW846 8260
QLast Update : Tue May 03 08:33:49 2022
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.967 min Scan# 1030

Delta R.T. -0.012 min

Lab File: VD072915.D

Acq: 10 May 2022 15:34

Instrument :

MSVOA_D

ClientSampleId :

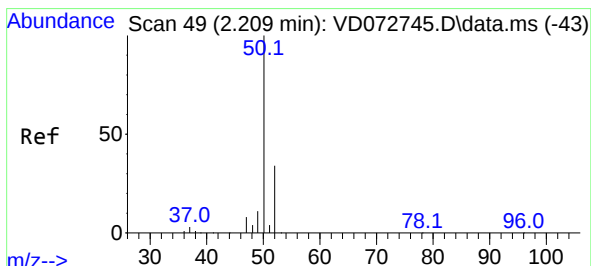
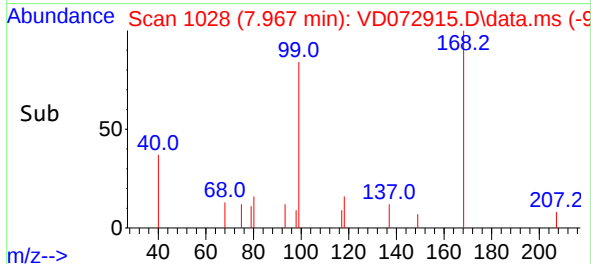
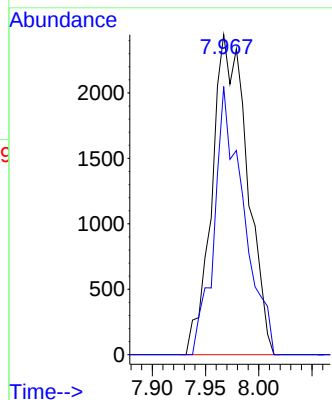
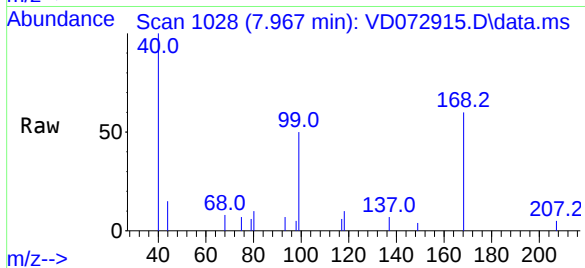
MH-31D

Tgt Ion:168 Resp: 5643

Ion Ratio Lower Upper

168 100

99 83.8 49.8 74.6#



#3

Chloromethane

Concen: 1.196 ug/l

RT: 2.203 min Scan# 48

Delta R.T. -0.006 min

Lab File: VD072915.D

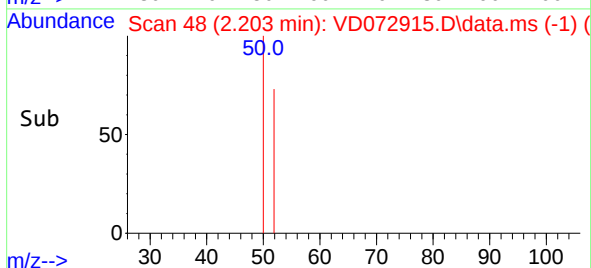
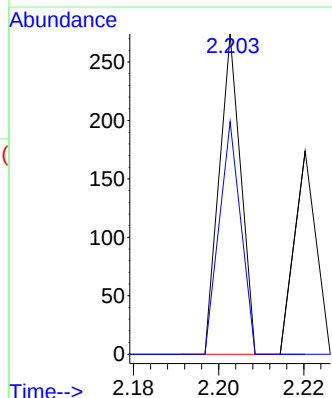
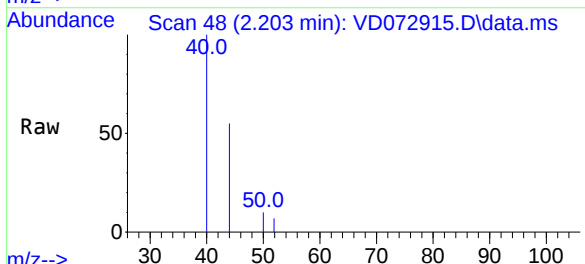
Acq: 10 May 2022 15:34

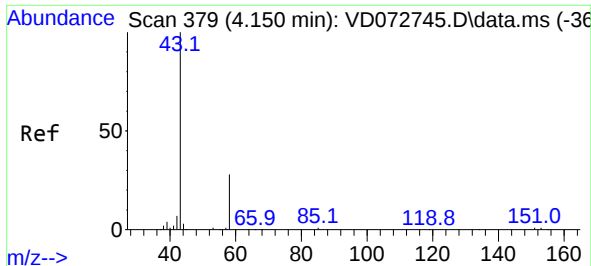
Tgt Ion: 50 Resp: 97

Ion Ratio Lower Upper

50 100

52 72.6 27.4 41.0#

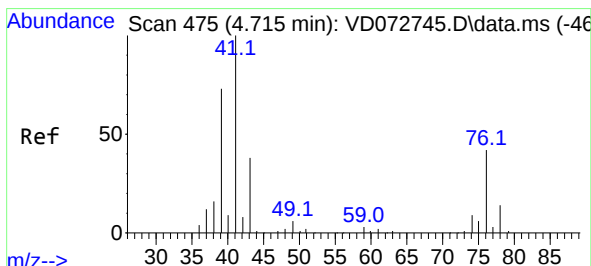
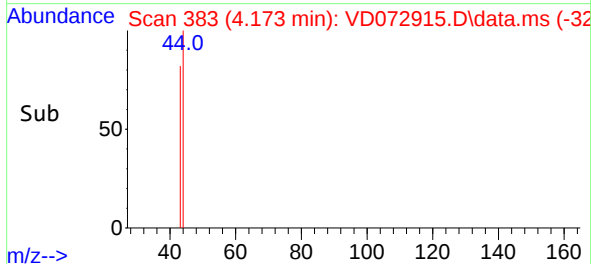
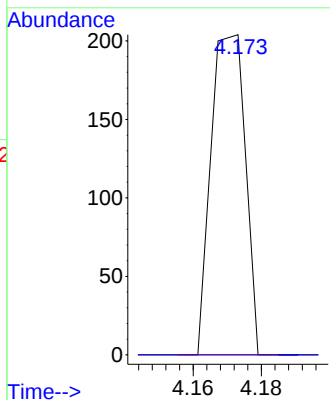
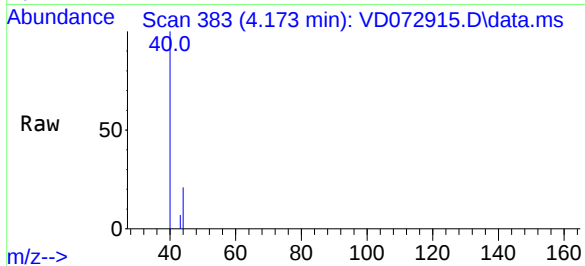




#16
Acetone
Concen: Below Cal
RT: 4.173 min Scan# 31
Delta R.T. 0.023 min
Lab File: VD072915.D
Acq: 10 May 2022 15:34

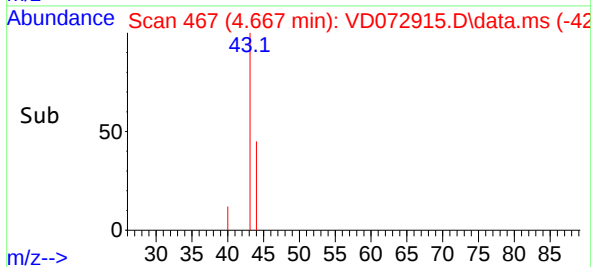
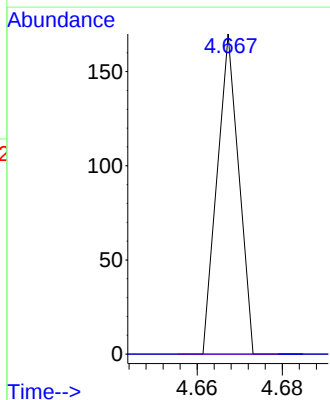
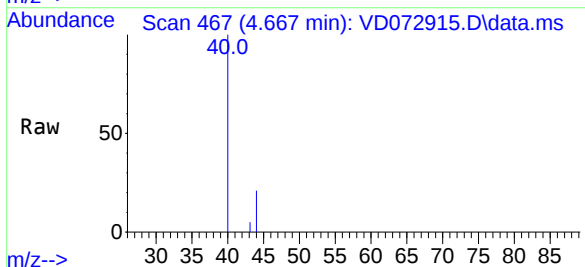
Instrument :
MSVOA_D
ClientSampleId :
MH-31D

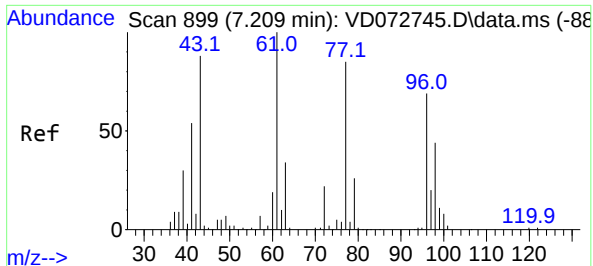
Tgt Ion: 43 Resp: 143
Ion Ratio Lower Upper
43 100
58 0.0 22.1 33.1#



#18
Methyl Acetate
Concen: 1.265 ug/l
RT: 4.667 min Scan# 467
Delta R.T. -0.048 min
Lab File: VD072915.D
Acq: 10 May 2022 15:34

Tgt Ion: 43 Resp: 60
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#





#25

2-Butanone

Concen: 2.952 ug/l

RT: 7.161 min Scan# 89

Delta R.T. -0.048 min

Lab File: VD072915.D

Acq: 10 May 2022 15:34

Instrument :

MSVOA_D

ClientSampleId :

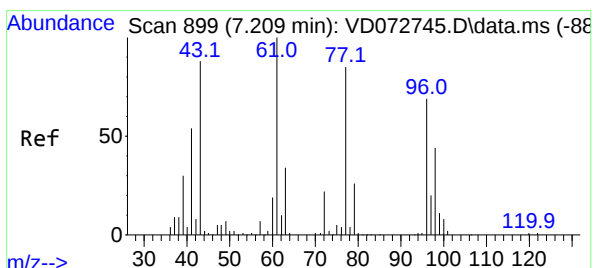
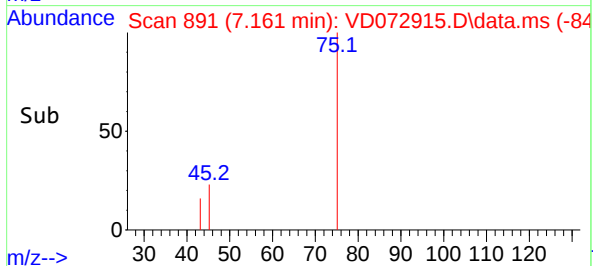
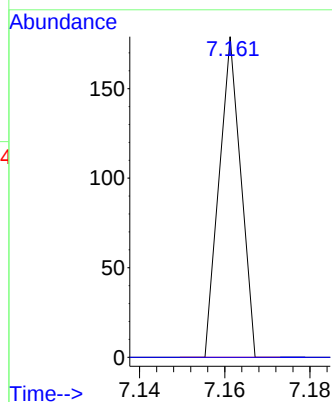
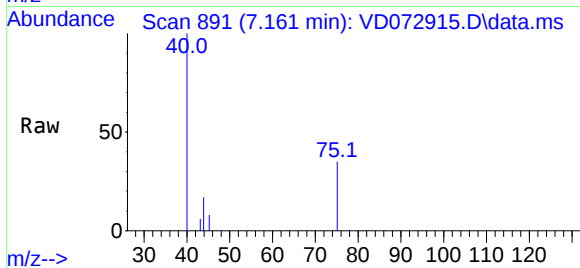
MH-31D

Tgt Ion: 43 Resp: 63

Ion Ratio Lower Upper

43 100

72 0.0 18.6 27.8#



#27

cis-1,2-Dichloroethene

Concen: 1.108 ug/l

RT: 7.220 min Scan# 901

Delta R.T. 0.011 min

Lab File: VD072915.D

Acq: 10 May 2022 15:34

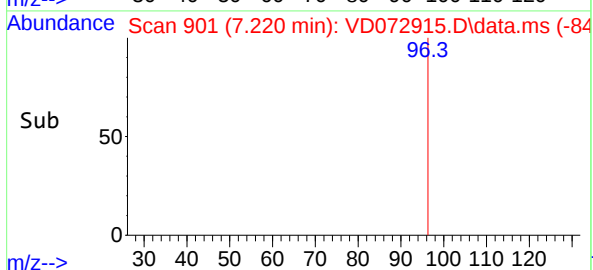
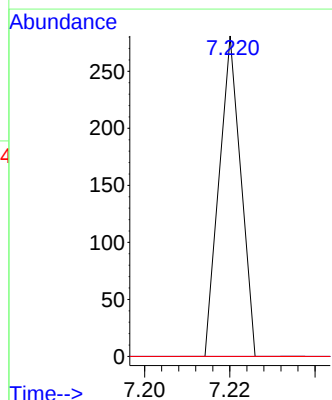
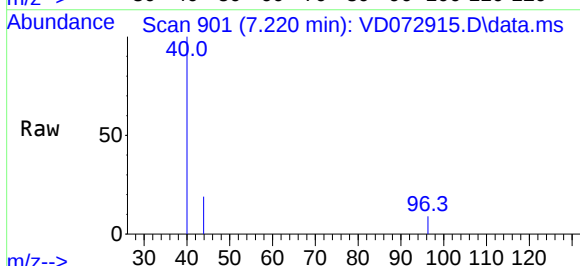
Tgt Ion: 96 Resp: 99

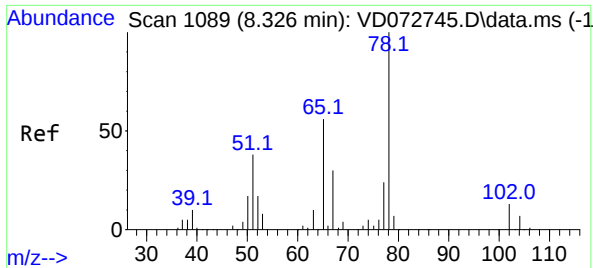
Ion Ratio Lower Upper

96 100

61 0.0 0.0 313.8

98 0.0 0.0 128.8





#33

1,2-Dichloroethane-d4

Concen: 69.706 ug/l

RT: 8.326 min Scan# 1107

Delta R.T. -0.000 min

Lab File: VD072915.D

Acq: 10 May 2022 15:34

Instrument :

MSVOA_D

ClientSampleId :

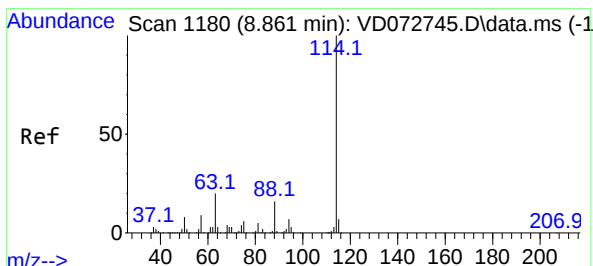
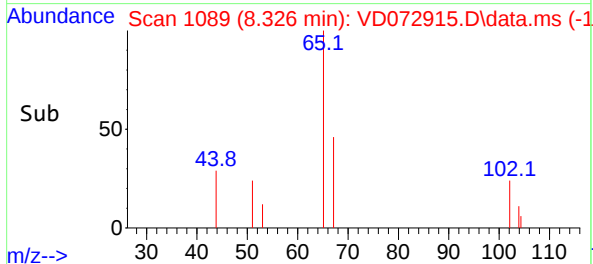
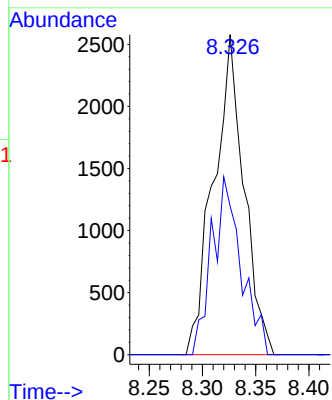
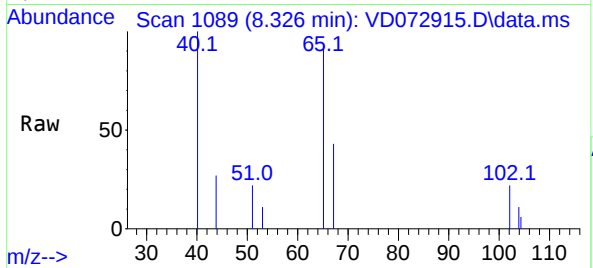
MH-31D

Tgt Ion: 65 Resp: 5106

Ion Ratio Lower Upper

65 100

67 53.5 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.006 min

Lab File: VD072915.D

Acq: 10 May 2022 15:34

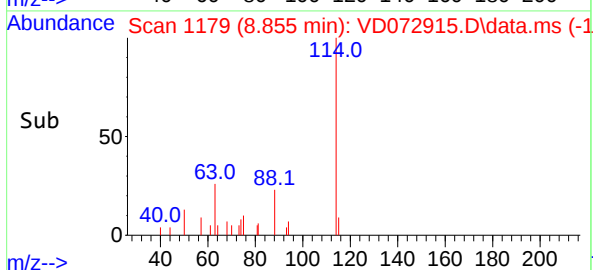
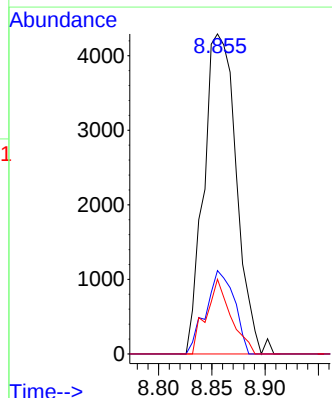
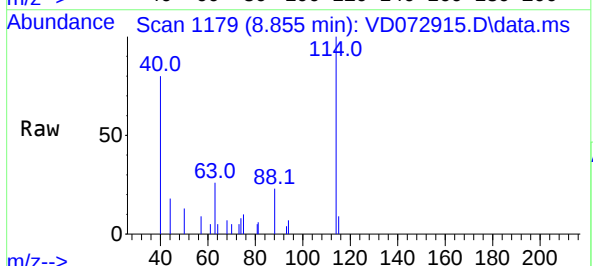
Tgt Ion: 114 Resp: 9123

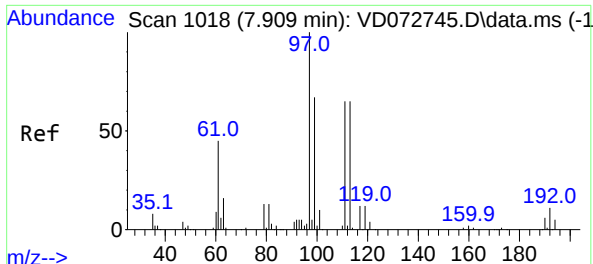
Ion Ratio Lower Upper

114 100

63 26.1 0.0 46.6

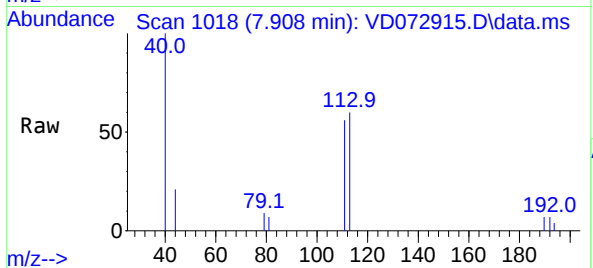
88 23.3 0.0 33.2



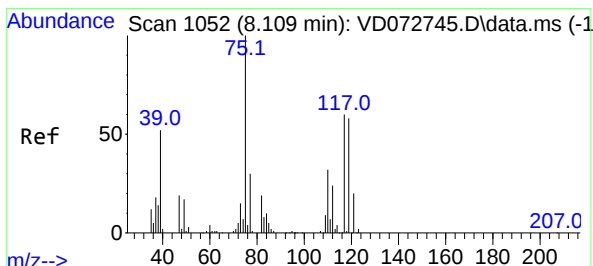
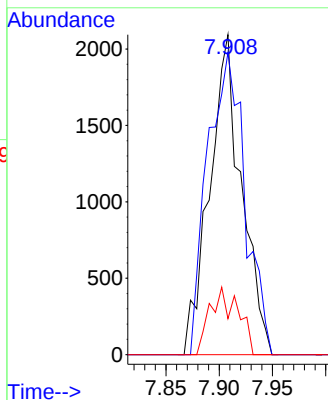
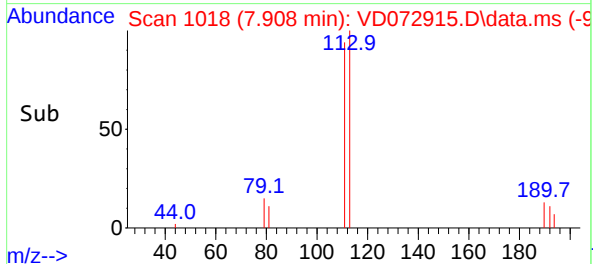


#35
Dibromofluoromethane
Concen: 68.205 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.001 min
Lab File: VD072915.D
Acq: 10 May 2022 15:34

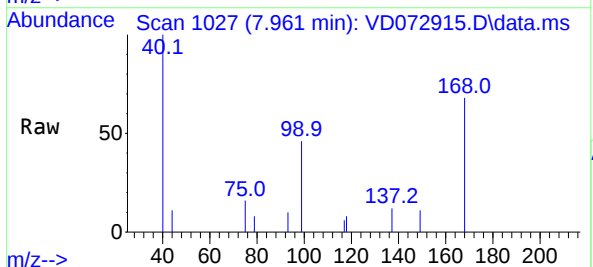
Instrument :
MSVOA_D
ClientSampleId :
MH-31D



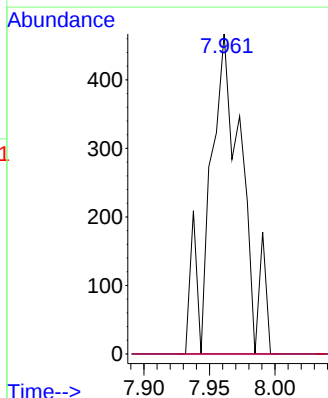
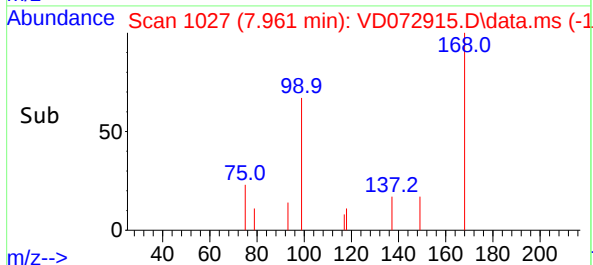
Tgt Ion:113 Resp: 4370
Ion Ratio Lower Upper
113 100
111 110.2 83.8 125.6
192 18.6 14.6 21.8

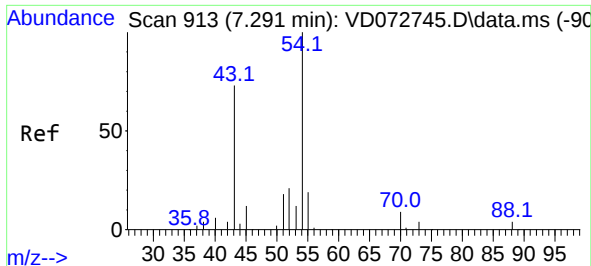


#36
1,1-Dichloropropene
Concen: 7.804 ug/l
RT: 7.961 min Scan# 1027
Delta R.T. -0.148 min
Lab File: VD072915.D
Acq: 10 May 2022 15:34



Tgt Ion: 75 Resp: 813
Ion Ratio Lower Upper
75 100
110 0.0 16.4 49.1#
77 0.0 24.2 36.2#

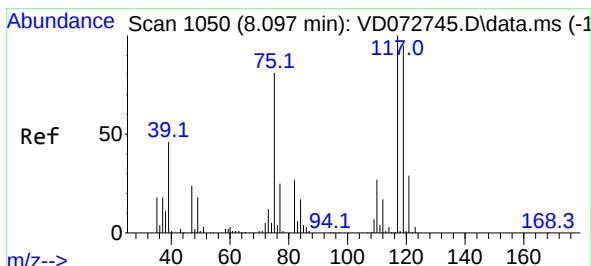
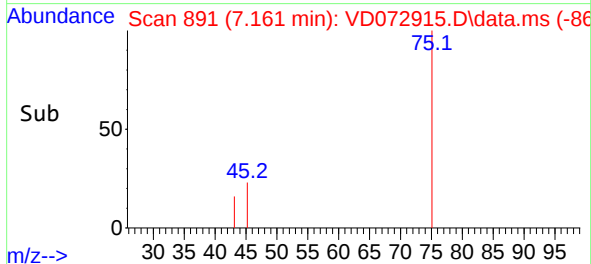
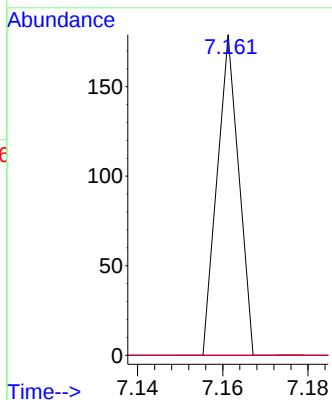
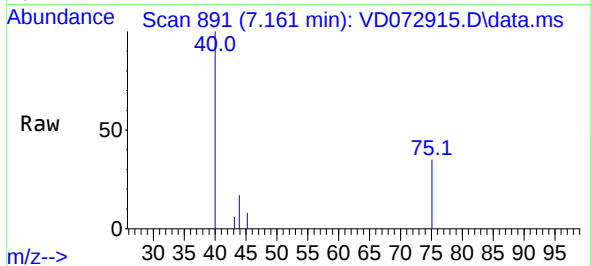




#37
Ethyl Acetate
Concen: 1.315 ug/l
RT: 7.161 min Scan# 891
Delta R.T. -0.130 min
Lab File: VD072915.D
Acq: 10 May 2022 15:34

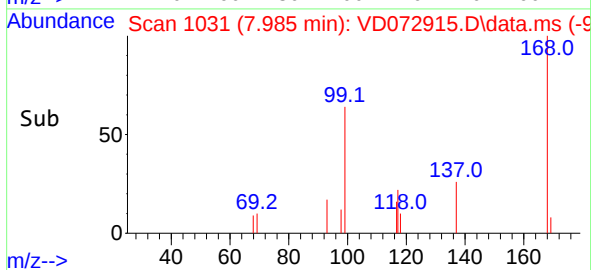
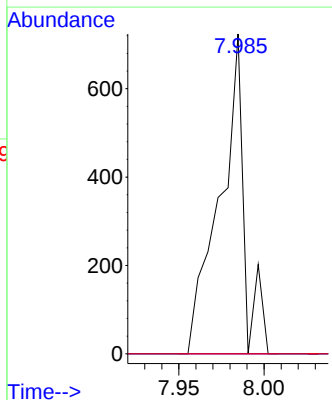
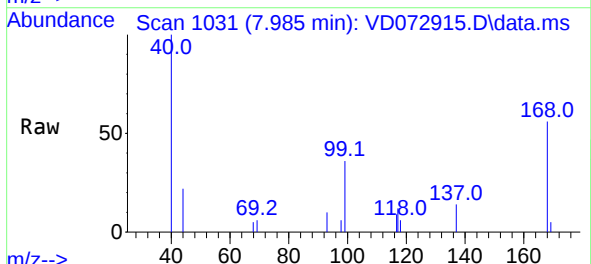
Instrument :
MSVOA_D
ClientSampleId :
MH-31D

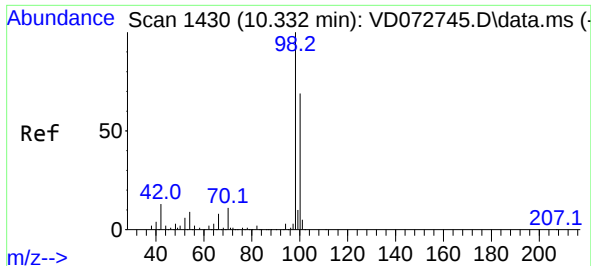
Tgt Ion: 43	Resp: 63
Ion Ratio	Lower Upper
43 100	
61 0.0	9.8 14.8#
70 0.0	6.9 10.3#



#38
Carbon Tetrachloride
Concen: 6.722 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.112 min
Lab File: VD072915.D
Acq: 10 May 2022 15:34

Tgt Ion:117	Resp:	727	
Ion	Ratio	Lower	Upper
117	100		
119	0.0	75.8	113.6#
121	0.0	24.5	36.7#

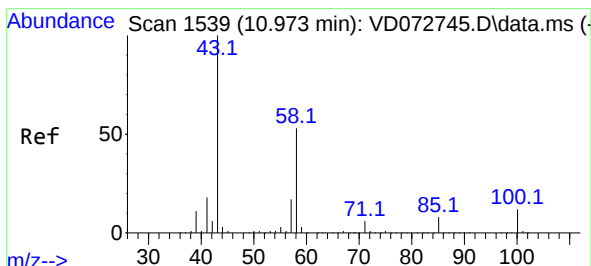
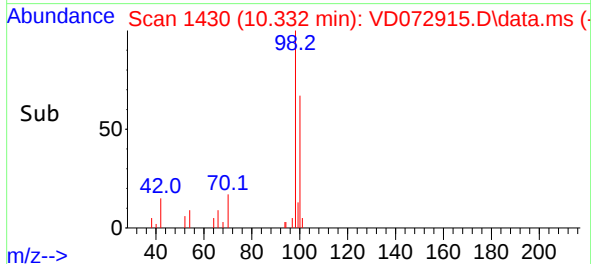
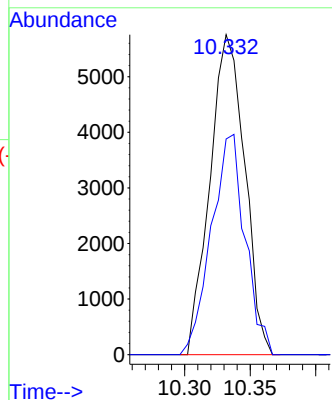
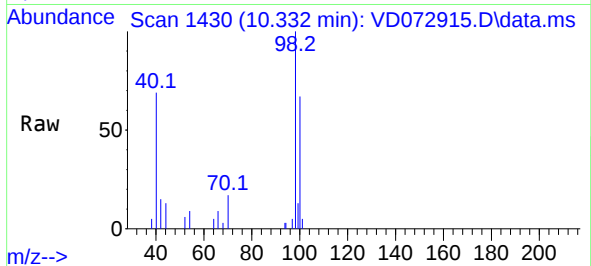




#50
Toluene-d8
Concen: 46.242 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072915.D
Acq: 10 May 2022 15:34

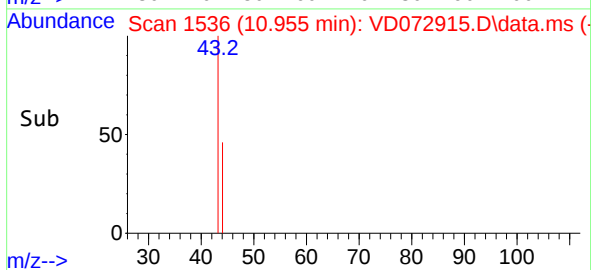
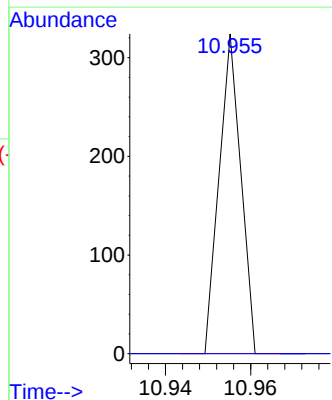
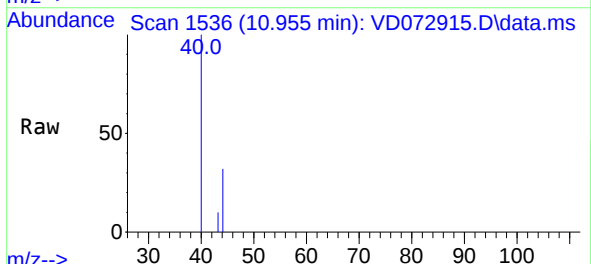
Instrument :
MSVOA_D
ClientSampleId :
MH-31D

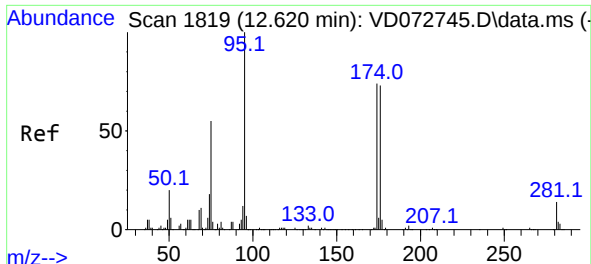
Tgt Ion: 98 Resp: 10628
Ion Ratio Lower Upper
98 100
100 66.9 52.4 78.6



#59
2-Hexanone
Concen: 3.688 ug/l
RT: 10.955 min Scan# 1536
Delta R.T. -0.018 min
Lab File: VD072915.D
Acq: 10 May 2022 15:34

Tgt Ion: 43 Resp: 114
Ion Ratio Lower Upper
43 100
58 0.0 25.3 75.9#

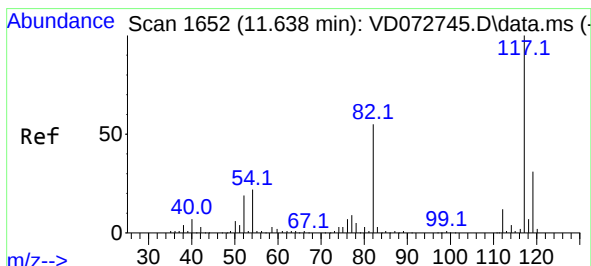
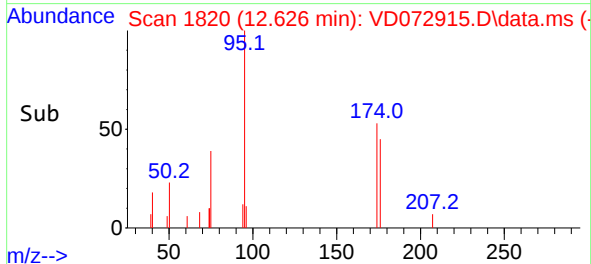
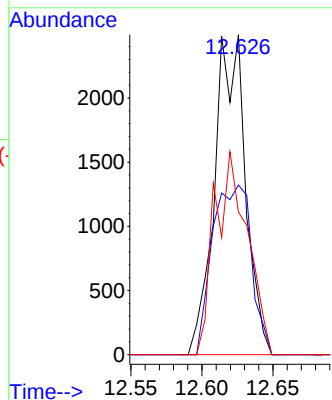
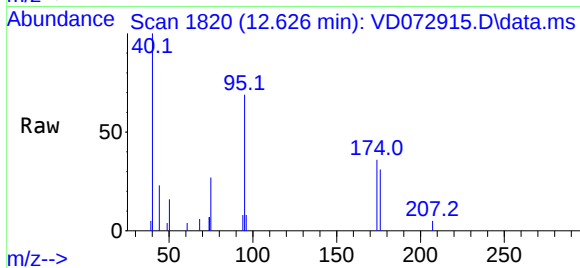




#62
4-Bromofluorobenzene
Concen: 43.817 ug/l
RT: 12.626 min Scan# 1819
Delta R.T. 0.006 min
Lab File: VD072915.D
Acq: 10 May 2022 15:34

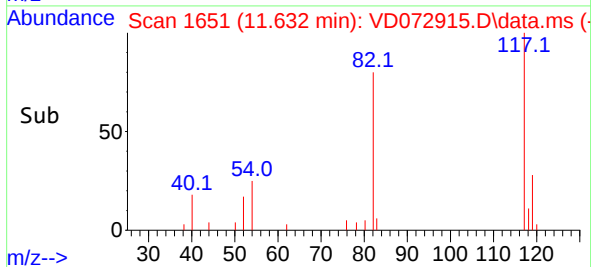
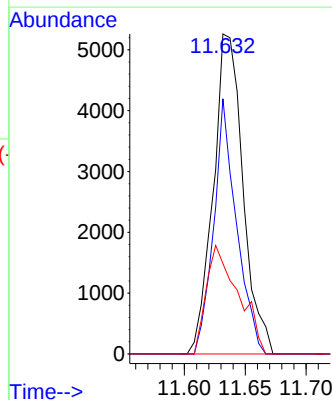
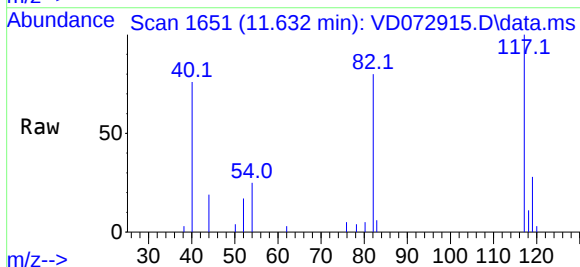
Instrument :
MSVOA_D
ClientSampleId :
MH-31D

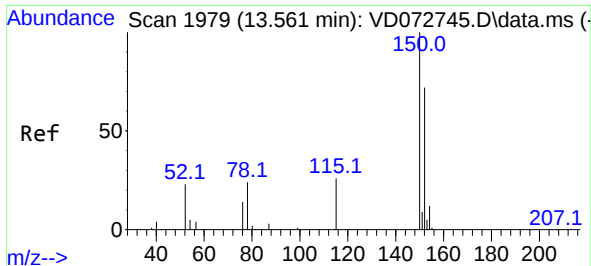
Tgt Ion:	95	Resp:	3755
Ion	Ratio	Lower	Upper
95	100		
174	67.1	0.0	152.8
176	67.5	0.0	145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD072915.D
Acq: 10 May 2022 15:34

Tgt Ion:	117	Resp:	8947
Ion	Ratio	Lower	Upper
117	100		
82	79.8	45.3	67.9#
119	28.2	26.6	40.0

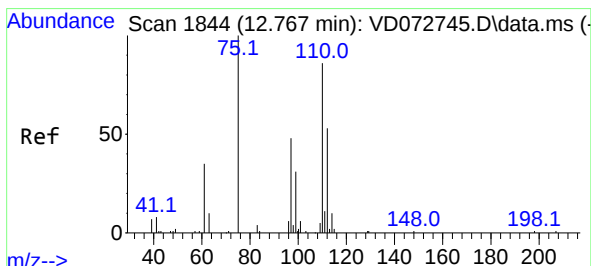
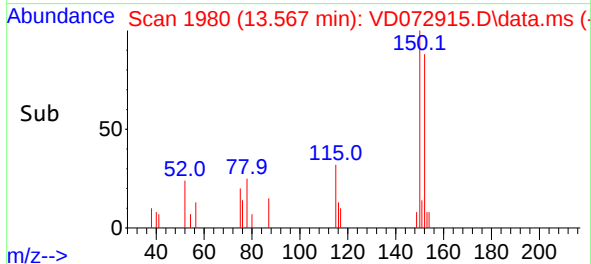
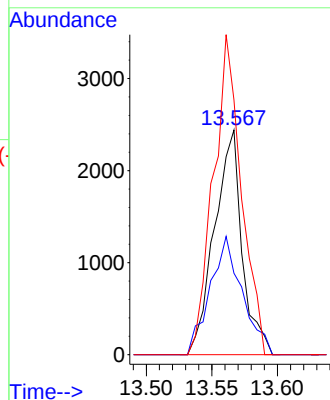
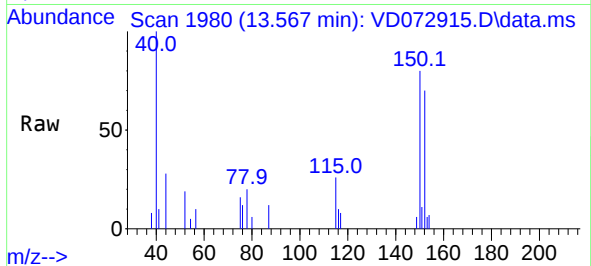




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1819
Delta R.T. 0.006 min
Lab File: VD072915.D
Acq: 10 May 2022 15:34

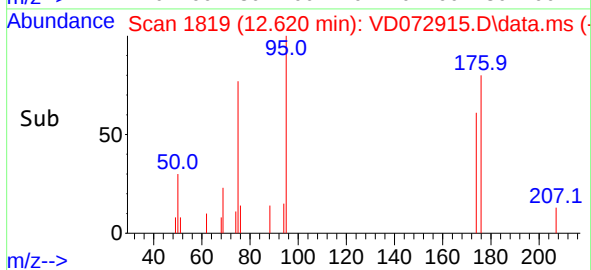
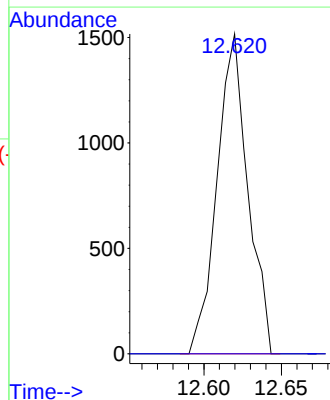
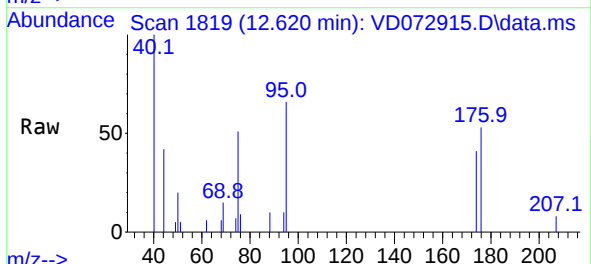
Instrument :
MSVOA_D
ClientSampleId :
MH-31D

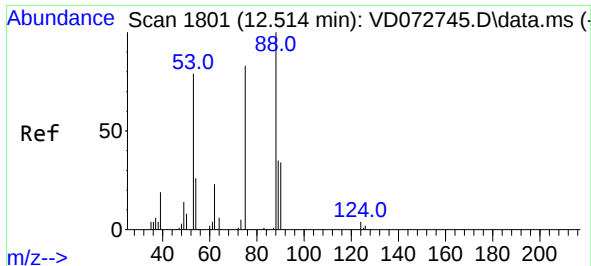
Tgt Ion:152 Resp: 3578
Ion Ratio Lower Upper
152 100
115 61.3 31.3 93.8
150 144.4 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 52.560 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD072915.D
Acq: 10 May 2022 15:34

Tgt Ion: 75 Resp: 2097
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

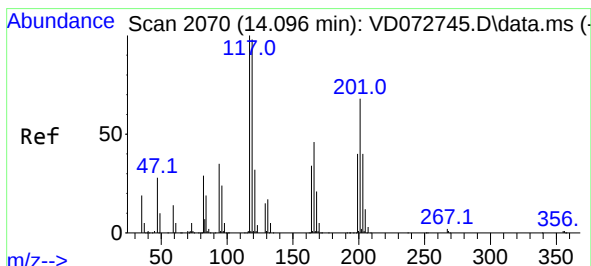
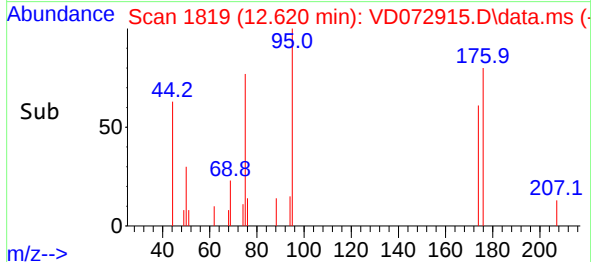
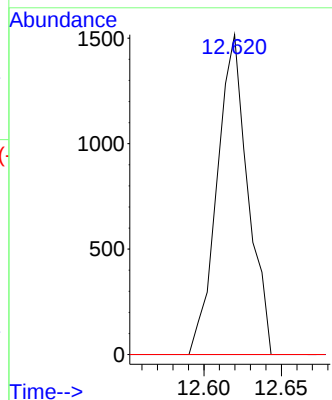
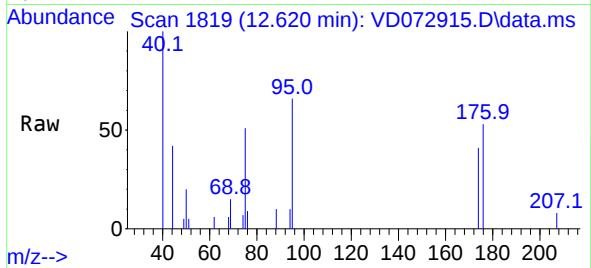




#81
trans-1,4-Dichloro-2-butene
Concen: 120.867 ug/l
RT: 12.620 min Scan# 11
Delta R.T. 0.106 min
Lab File: VD072915.D
Acq: 10 May 2022 15:34

Instrument :
MSVOA_D
ClientSampleId :
MH-31D

Tgt Ion: 75 Resp: 2097
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.0 33.9 50.9#



#90
Hexachloroethane
Concen: 1.239 ug/l
RT: 14.055 min Scan# 2063
Delta R.T. -0.041 min
Lab File: VD072915.D
Acq: 10 May 2022 15:34

Tgt Ion: 117 Resp: 63
Ion Ratio Lower Upper
117 100
201 0.0 33.4 100.2#

