

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052022\
 Data File : VD073218.D
 Acq On : 21 May 2022 09:13
 Operator : VA/SY
 Sample : N2885-14
 Misc : 6.15G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P008-SS002-2430-01

Quant Time: May 22 00:01:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

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

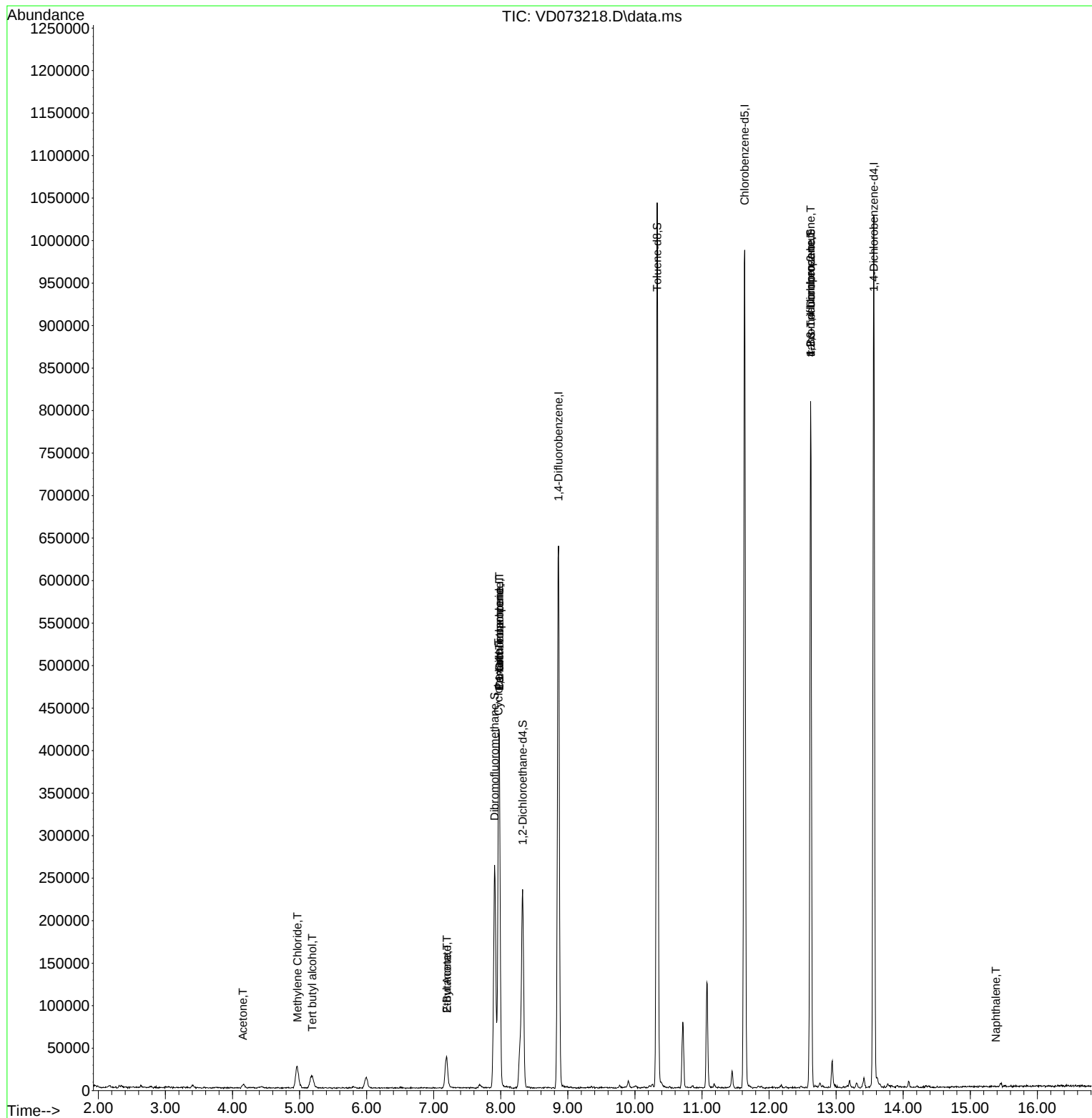
Internal Standards						
1) Pentafluorobenzene	7.979	168	308281	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	547168	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	585902	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	266590	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	176269	51.738	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.480%	
35) Dibromofluoromethane	7.908	113	187867	52.032	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.060%	
50) Toluene-d8	10.332	98	685352	51.494	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.980%	
62) 4-Bromofluorobenzene	12.620	95	256094	54.828	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 109.660%	
Target Compounds						Qvalue
5) Bromomethane	2.779	94	681	Below Cal	87	
11) Tert butyl alcohol	5.191	59	14177	26.821	ug/l #	74
16) Acetone	4.156	43	7091	12.016	ug/l #	82
20) Methylene Chloride	4.967	84	19506	1.324	ug/l #	77
25) 2-Butanone	7.197	43	2907	3.367	ug/l	96
31) Cyclohexane	7.967	56	8042	1.351	ug/l #	1
36) 1,1-Dichloropropene	7.979	75	26105	4.807	ug/l #	52
37) Ethyl Acetate	7.197	43	2907	1.355	ug/l #	1
38) Carbon Tetrachloride	7.979	117	33472	6.081	ug/l #	17
76) 1,2,3-Trichloropropane	12.620	75	133350	50.980	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	133350	122.388	ug/l #	7
95) Naphthalene	15.385	128	84	3.550	ug/l #	70

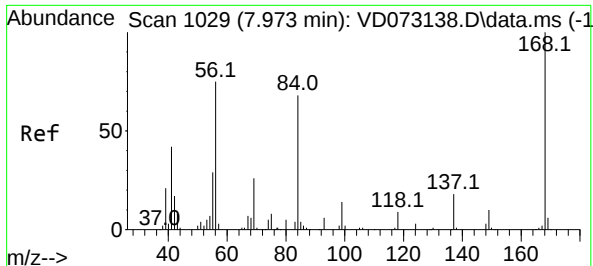
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VD073218.D
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P008-SS002-2430-01

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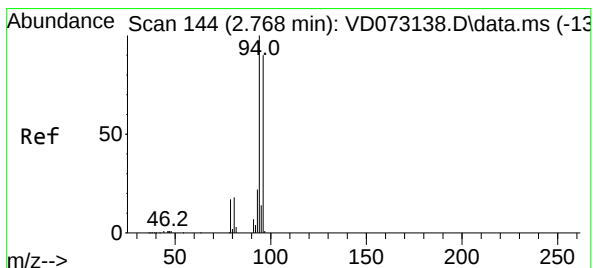
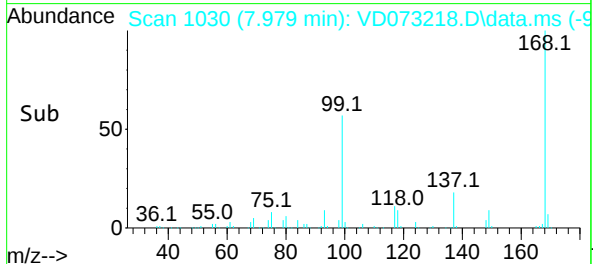
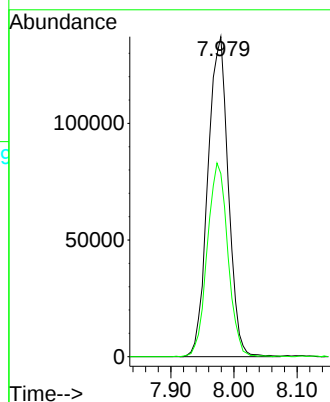
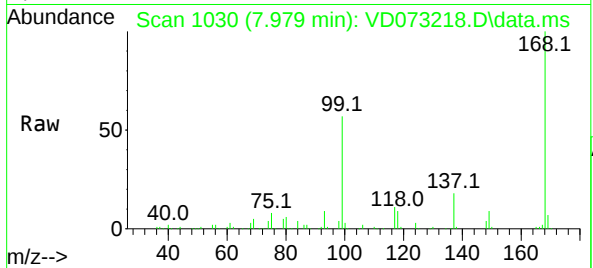




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD073218.D
Acq: 21 May 2022 09:13

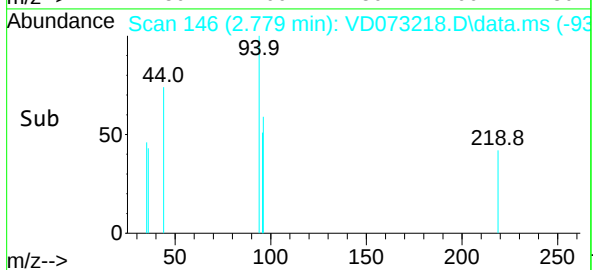
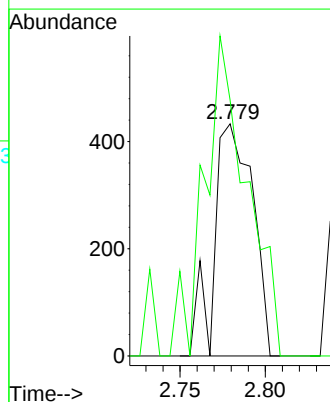
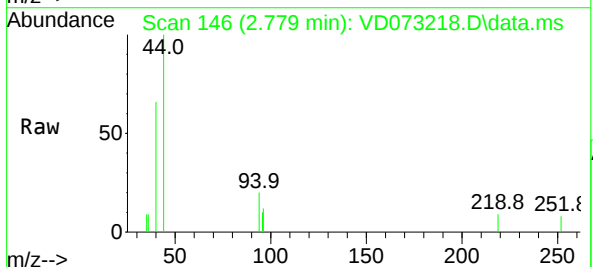
Instrument :
MSVOA_D
ClientSampleId :
P008-SS002-2430-01

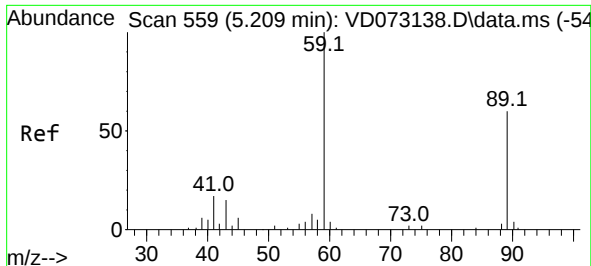
Tgt Ion:168 Resp: 308281
Ion Ratio Lower Upper
168 100
99 57.2 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.011 min
Lab File: VD073218.D
Acq: 21 May 2022 09:13

Tgt Ion: 94 Resp: 681
Ion Ratio Lower Upper
94 100
96 110.2 77.6 116.4

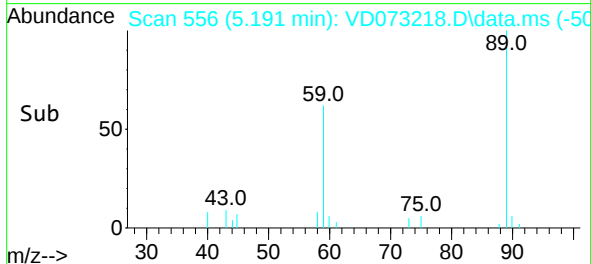
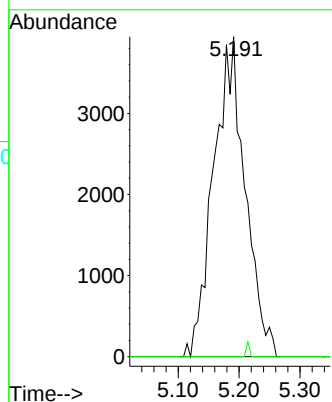
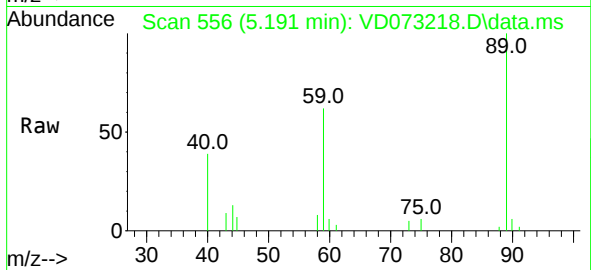




#11
Tert butyl alcohol
Concen: 26.821 ug/l
RT: 5.191 min Scan# 51
Delta R.T. -0.018 min
Lab File: VD073218.D
Acq: 21 May 2022 09:13

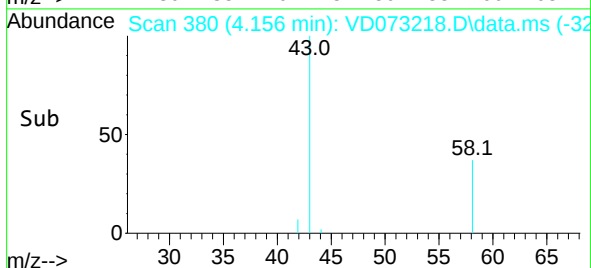
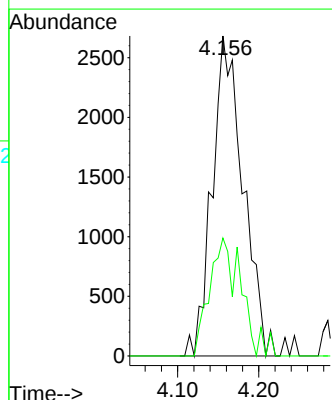
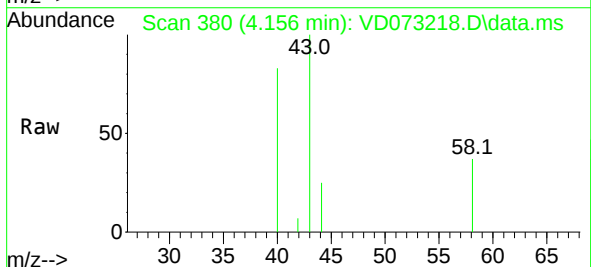
Instrument :
MSVOA_D
ClientSampleId :
P008-SS002-2430-01

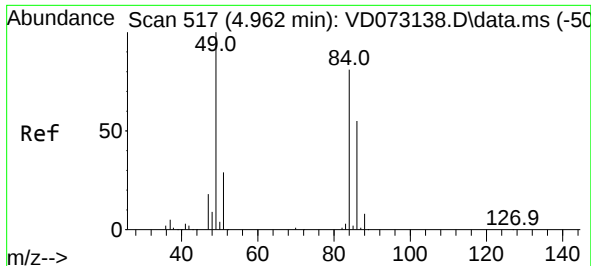
Tgt Ion: 59 Resp: 14177
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#16
Acetone
Concen: 12.016 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD073218.D
Acq: 21 May 2022 09:13

Tgt Ion: 43 Resp: 7091
Ion Ratio Lower Upper
43 100
58 36.9 22.1 33.1#

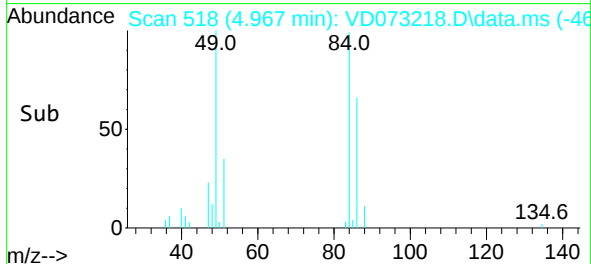
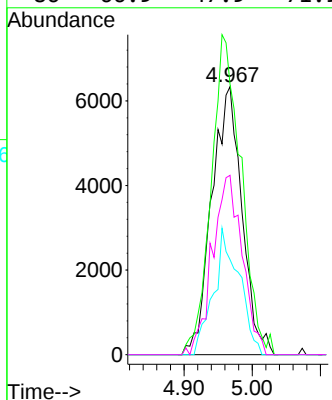
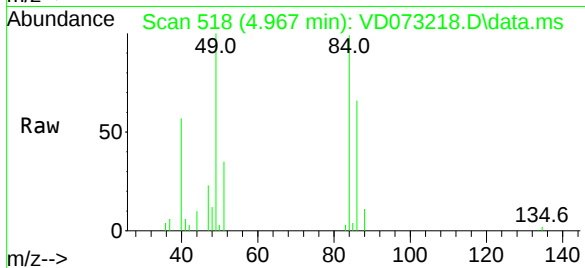




#20
Methylene Chloride
Concen: 1.324 ug/l
RT: 4.967 min Scan# 517
Delta R.T. 0.005 min
Lab File: VD073218.D
Acq: 21 May 2022 09:13

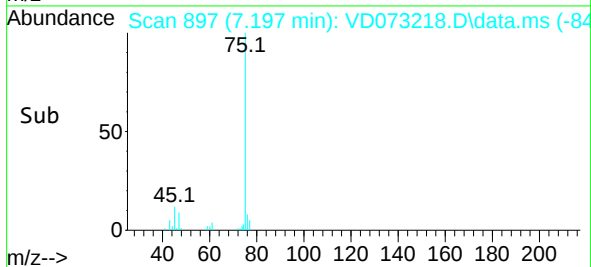
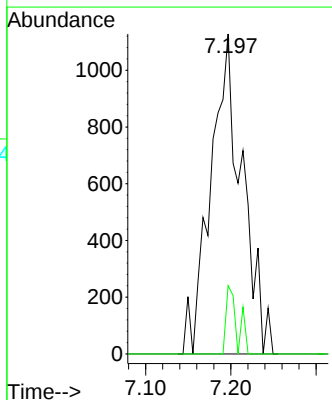
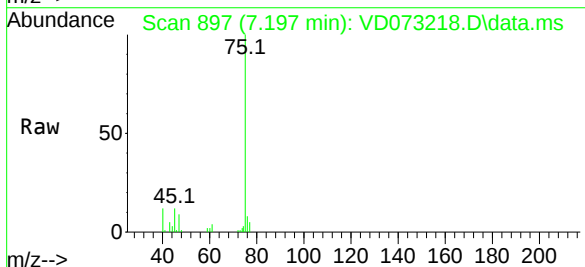
Instrument :
MSVOA_D
ClientSampleId :
P008-SS002-2430-01

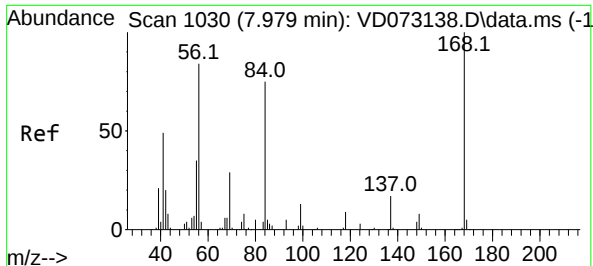
Tgt Ion:	84	Resp:	19506
Ion	Ratio	Lower	Upper
84	100		
49	100.9	112.8	169.2#
51	35.5	32.6	48.8
86	66.9	47.9	71.9



#25
2-Butanone
Concen: 3.367 ug/l
RT: 7.197 min Scan# 897
Delta R.T. -0.011 min
Lab File: VD073218.D
Acq: 21 May 2022 09:13

Tgt Ion:	43	Resp:	2907
Ion	Ratio	Lower	Upper
43	100		
72	21.4	18.6	27.8





#31

Cyclohexane

Concen: 1.351 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.012 min

Lab File: VD073218.D

Acq: 21 May 2022 09:13

Instrument :

MSVOA_D

ClientSampleId :

P008-SS002-2430-01

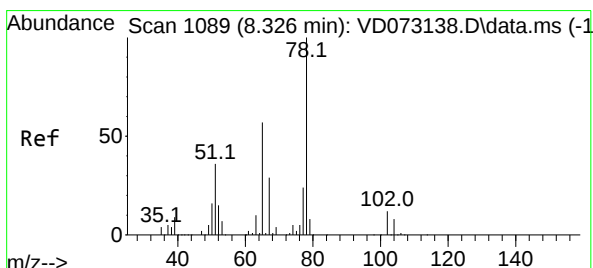
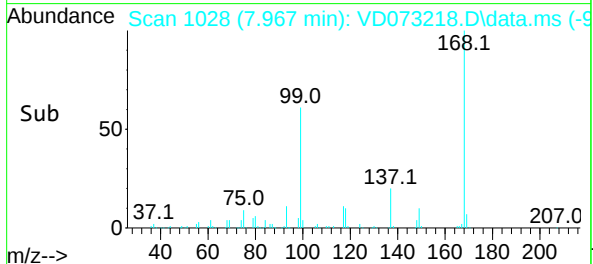
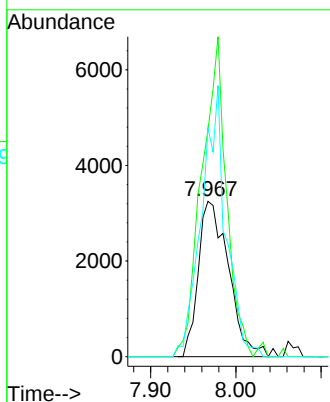
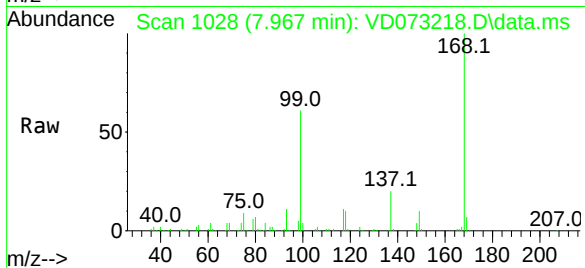
Tgt Ion: 56 Resp: 8042

Ion Ratio Lower Upper

56 100

69 145.8 25.4 38.2#

84 147.2 63.0 94.4#



#33

1,2-Dichloroethane-d4

Concen: 51.738 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD073218.D

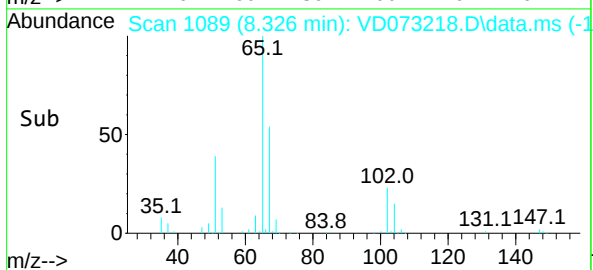
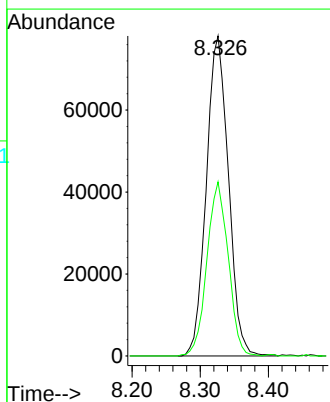
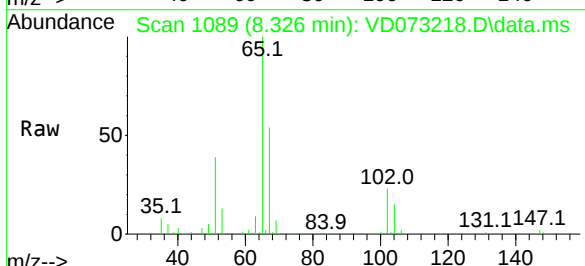
Acq: 21 May 2022 09:13

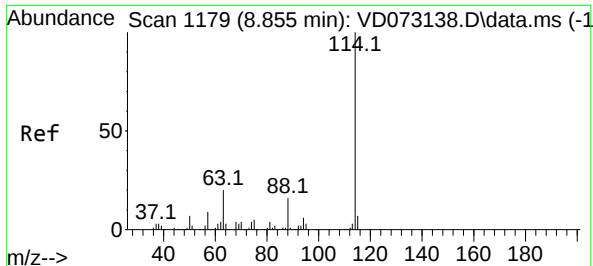
Tgt Ion: 65 Resp: 176269

Ion Ratio Lower Upper

65 100

67 52.4 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1179

Delta R.T. 0.006 min

Lab File: VD073218.D

Acq: 21 May 2022 09:13

Instrument :

MSVOA_D

ClientSampleId :

P008-SS002-2430-01

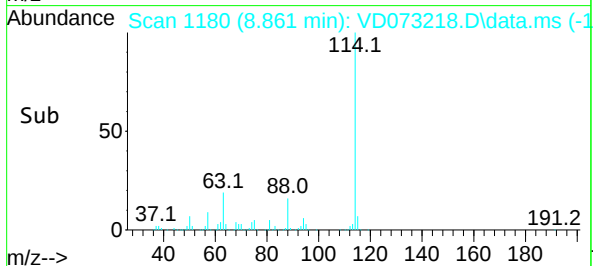
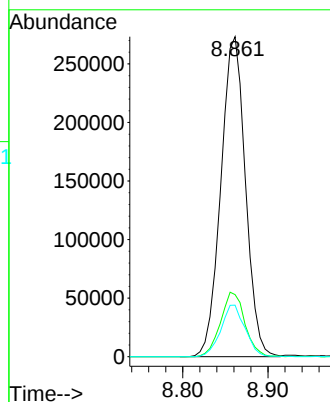
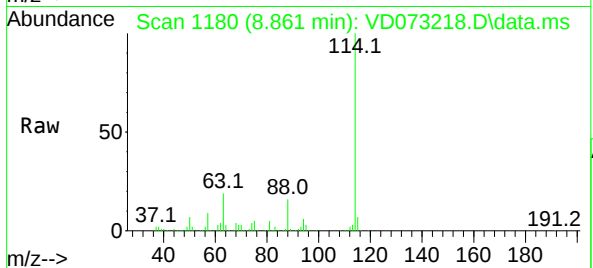
Tgt Ion:114 Resp: 547168

Ion Ratio Lower Upper

114 100

63 19.4 0.0 46.6

88 16.1 0.0 33.2



#35

Dibromofluoromethane

Concen: 52.032 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD073218.D

Acq: 21 May 2022 09:13

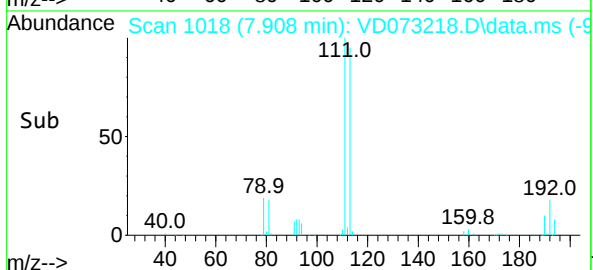
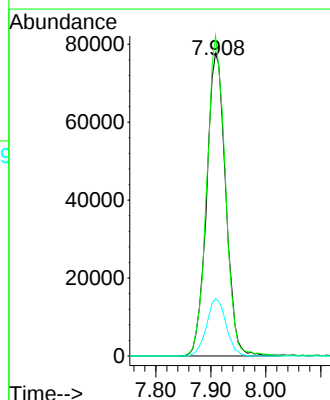
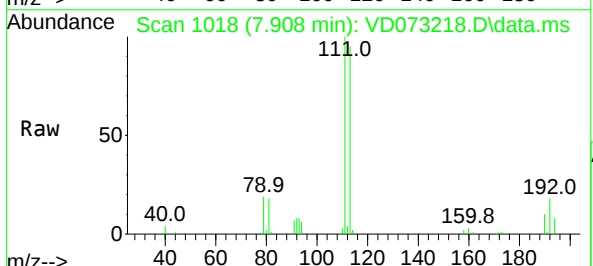
Tgt Ion:113 Resp: 187867

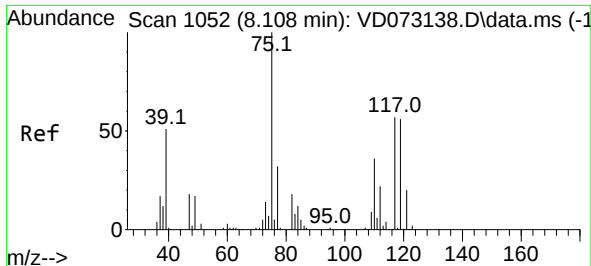
Ion Ratio Lower Upper

113 100

111 102.1 83.8 125.6

192 19.3 14.6 21.8

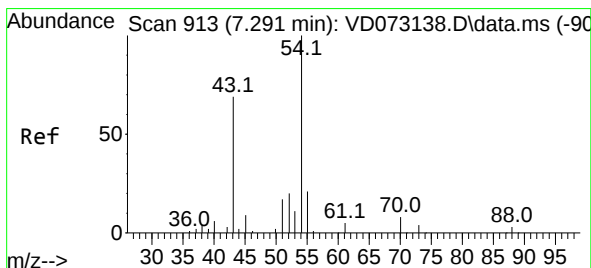
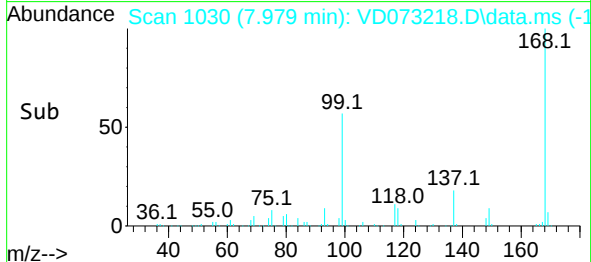
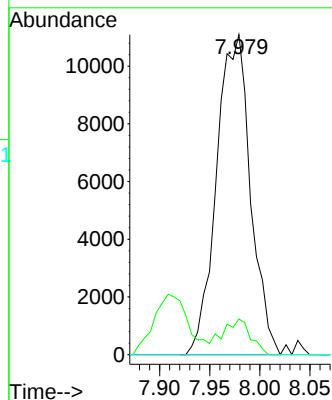
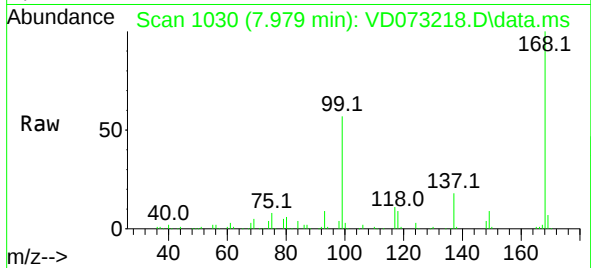




#36
1,1-Dichloropropene
Concen: 4.807 ug/l
RT: 7.979 min Scan# 1052
Delta R.T. -0.129 min
Lab File: VD073218.D
Acq: 21 May 2022 09:13

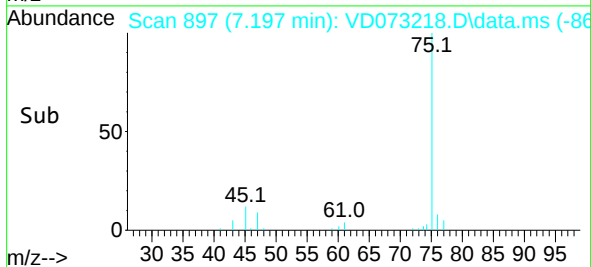
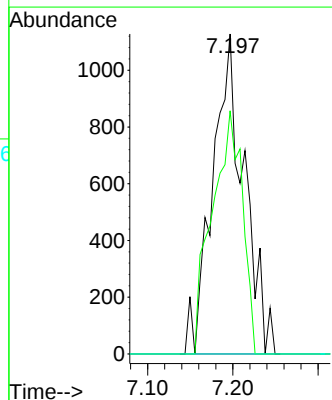
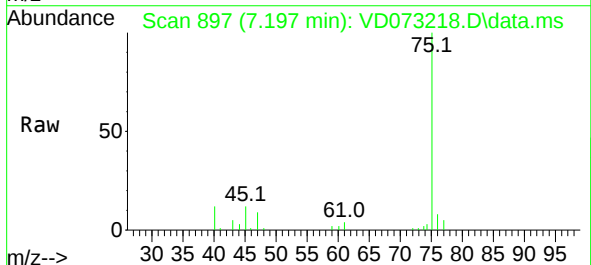
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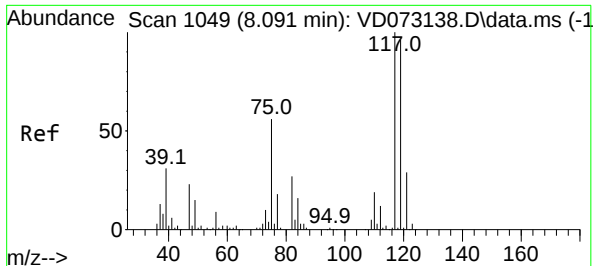
Tgt Ion: 75 Resp: 26105
Ion Ratio Lower Upper
75 100
110 9.2 16.4 49.1#
77 0.0 24.2 36.2#



#37
Ethyl Acetate
Concen: 1.355 ug/l
RT: 7.197 min Scan# 897
Delta R.T. -0.094 min
Lab File: VD073218.D
Acq: 21 May 2022 09:13

Tgt Ion: 43 Resp: 2907
Ion Ratio Lower Upper
43 100
61 72.7 9.8 14.8#
70 0.0 6.9 10.3#

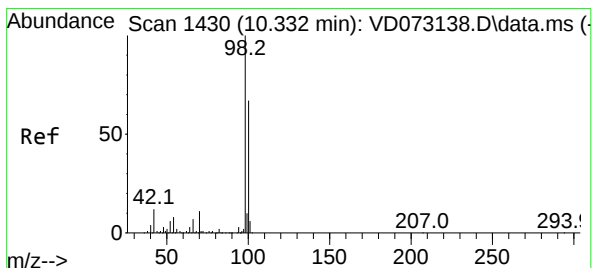
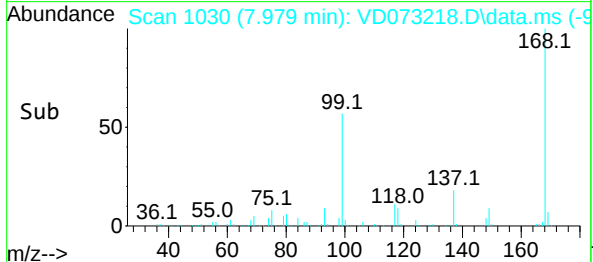
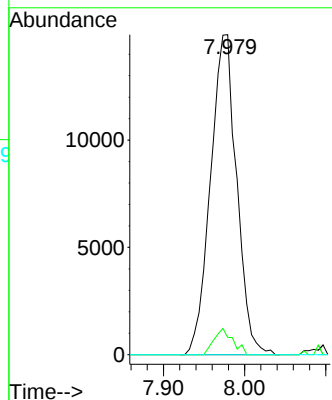
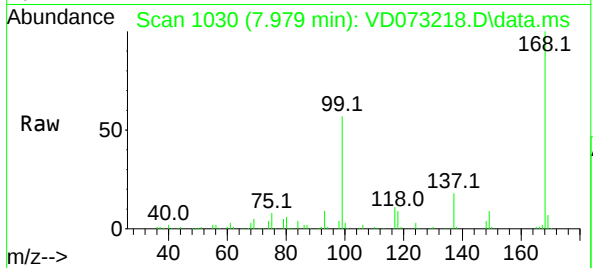




#38
Carbon Tetrachloride
Concen: 6.081 ug/l
RT: 7.979 min Scan# 1049
Delta R.T. -0.112 min
Lab File: VD073218.D
Acq: 21 May 2022 09:13

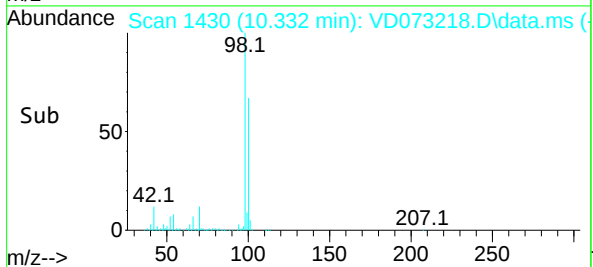
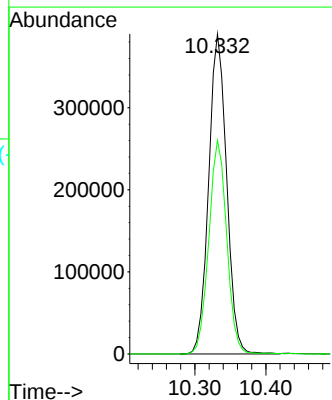
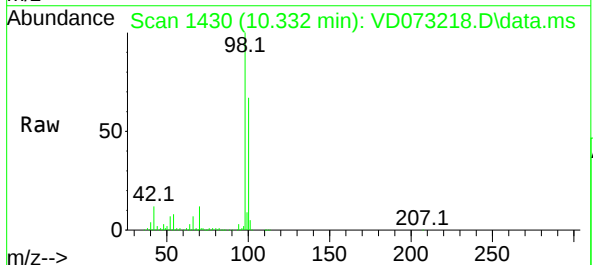
Instrument :
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ClientSampleId :
P008-SS002-2430-01

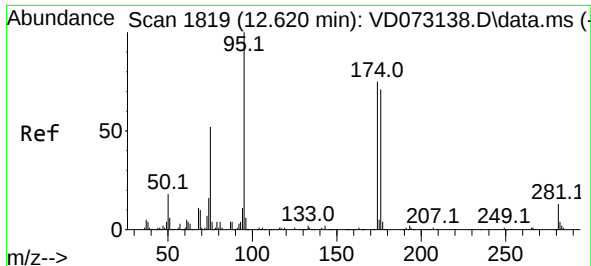
Tgt Ion:117 Resp: 33472
Ion Ratio Lower Upper
117 100
119 5.4 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 51.494 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073218.D
Acq: 21 May 2022 09:13

Tgt Ion: 98 Resp: 685352
Ion Ratio Lower Upper
98 100
100 66.5 52.4 78.6

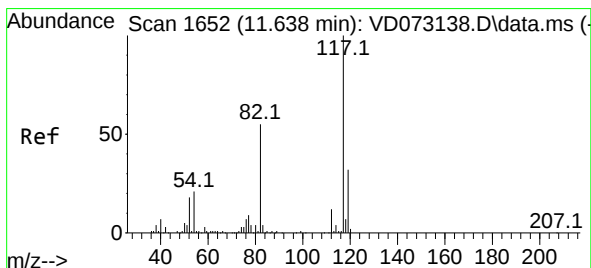
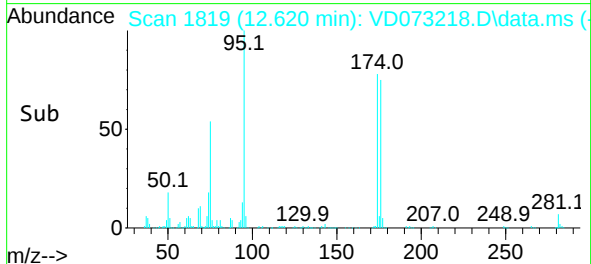
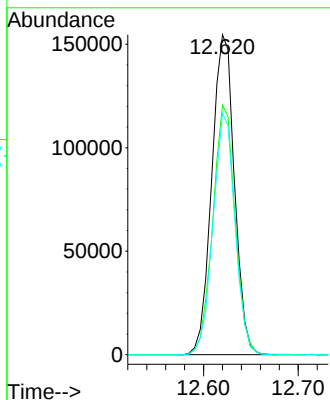
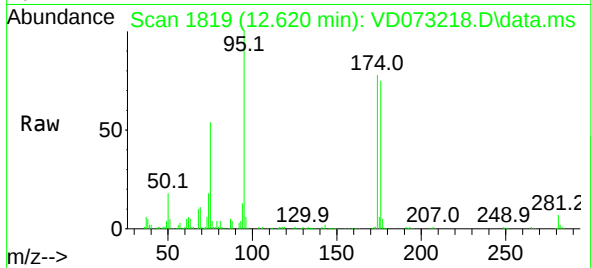




#62
4-Bromofluorobenzene
Concen: 54.828 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073218.D
Acq: 21 May 2022 09:13

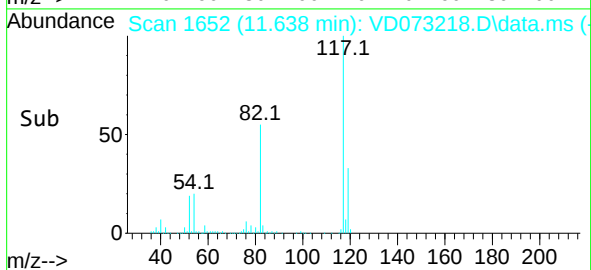
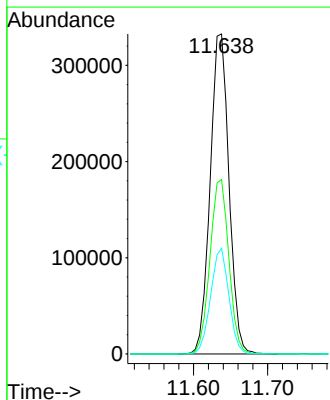
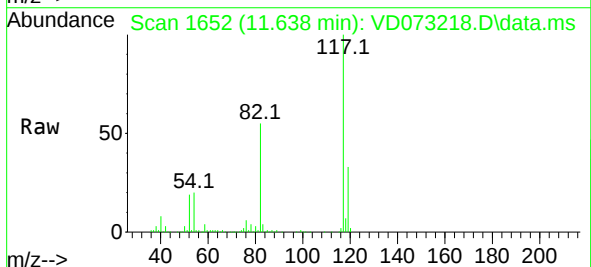
Instrument :
MSVOA_D
ClientSampleId :
P008-SS002-2430-01

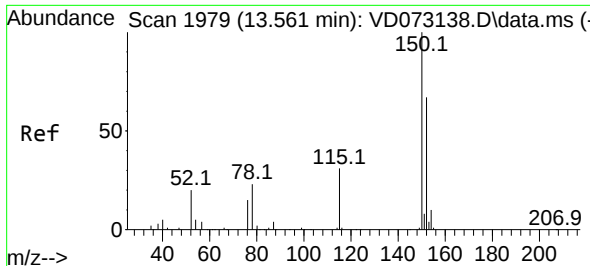
Tgt Ion:	95	Resp:	256094
Ion Ratio	Lower	Upper	
95	100		
174	77.3	0.0	152.8
176	73.5	0.0	145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD073218.D
Acq: 21 May 2022 09:13

Tgt Ion:	117	Resp:	585902
Ion Ratio	Lower	Upper	
117	100		
82	54.6	45.3	67.9
119	33.0	26.6	40.0

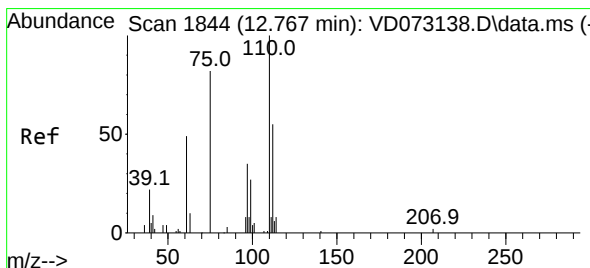
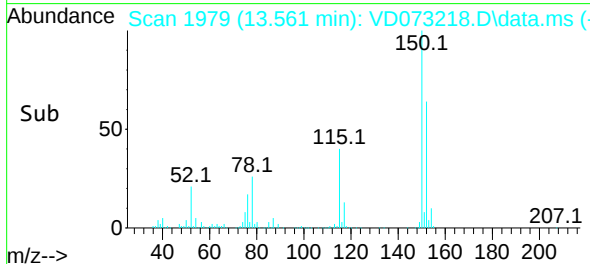
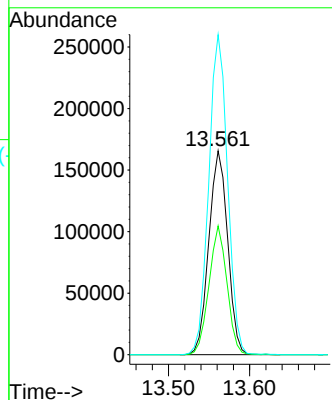
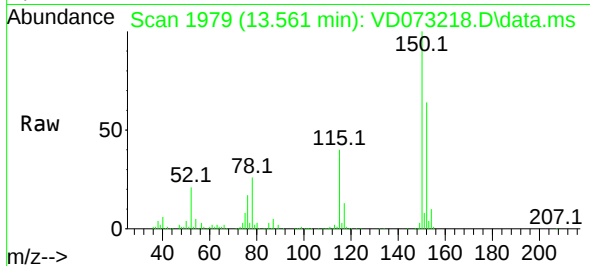




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD073218.D
 Acq: 21 May 2022 09:13

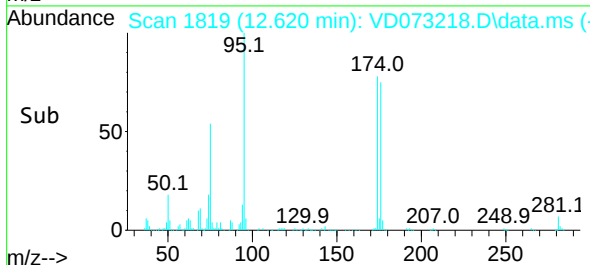
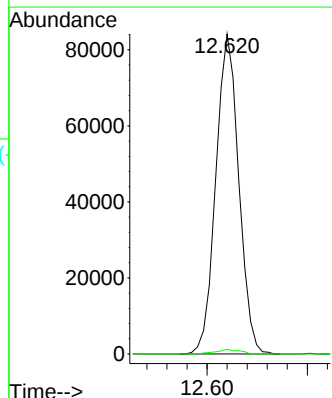
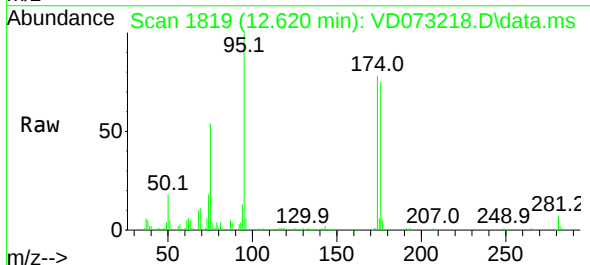
Instrument :
 MSVOA_D
 ClientSampleId :
 P008-SS002-2430-01

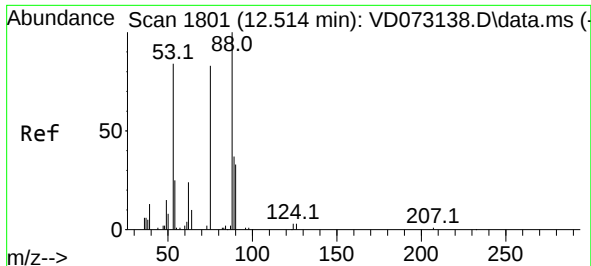
Tgt Ion:152 Resp: 266590
 Ion Ratio Lower Upper
 152 100
 115 60.4 31.3 93.8
 150 157.2 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 50.980 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.147 min
 Lab File: VD073218.D
 Acq: 21 May 2022 09:13

Tgt Ion: 75 Resp: 133350
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#

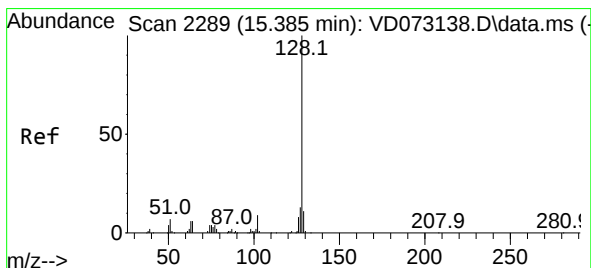
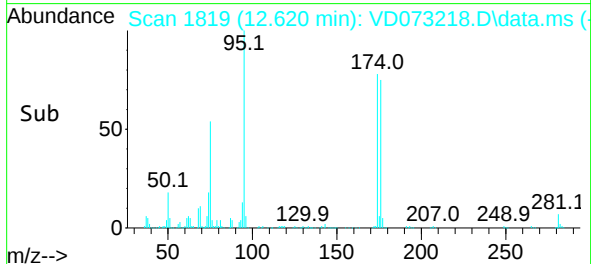
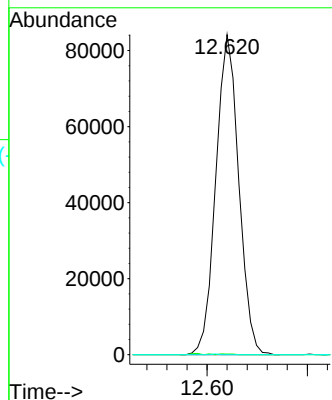
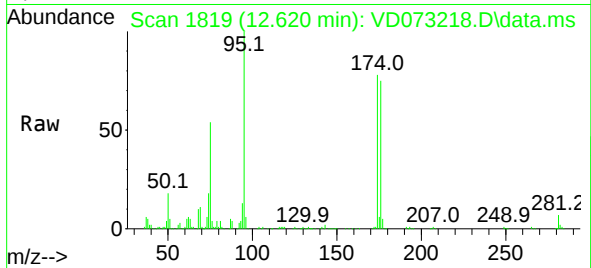




#81
 trans-1,4-Dichloro-2-butene
 Concen: 122.388 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. 0.106 min
 Lab File: VD073218.D
 Acq: 21 May 2022 09:13

Instrument :
 MSVOA_D
 ClientSampleId :
 P008-SS002-2430-01

Tgt Ion: 75 Resp: 133350
 Ion Ratio Lower Upper
 75 100
 53 0.2 86.5 129.7#
 89 0.1 33.9 50.9#



#95
 Naphthalene
 Concen: 3.550 ug/l
 RT: 15.385 min Scan# 2289
 Delta R.T. -0.000 min
 Lab File: VD073218.D
 Acq: 21 May 2022 09:13

Tgt Ion: 128 Resp: 84
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.3 15.5#
 129 0.0 8.4 12.6#

