

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031622\
 Data File : VD072216.D
 Acq On : 16 Mar 2022 14:12
 Operator : VA/SY
 Sample : N1918-15
 Misc : 4.91G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 JDSH-TB-STOCKPILE-C

Quant Time: Mar 16 15:01:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

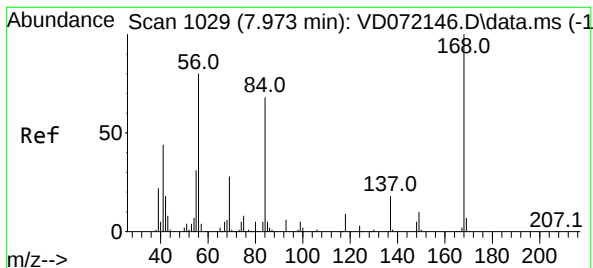
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.973	168	486975	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	800254	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	827992	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	403014	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	235896	43.467	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	86.940%		
35) Dibromofluoromethane	7.908	113	239501	42.529	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	85.060%		
50) Toluene-d8	10.332	98	975360	47.367	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	94.740%		
62) 4-Bromofluorobenzene	12.626	95	405351	50.663	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	101.320%		
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.291	142	734	2.368	ug/l #	74
11) Tert butyl alcohol	5.220	59	520	1.653	ug/l #	74
16) Acetone	4.173	43	3089	2.622	ug/l #	77
17) Carbon Disulfide	4.414	76	17591	3.135	ug/l	97
20) Methylene Chloride	4.961	84	12680	Below Cal	#	84
31) Cyclohexane	7.973	56	10900	1.286	ug/l #	1
36) 1,1-Dichloropropene	7.979	75	39531	5.004	ug/l #	50
38) Carbon Tetrachloride	7.973	117	49330	5.493	ug/l #	18
49) 1,4-Dioxane	9.338	88	71	1.947	ug/l #	20
76) 1,2,3-Trichloropropane	12.626	75	202870	45.634	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	202870	113.222	ug/l #	7

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
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Response via : Initial Calibration

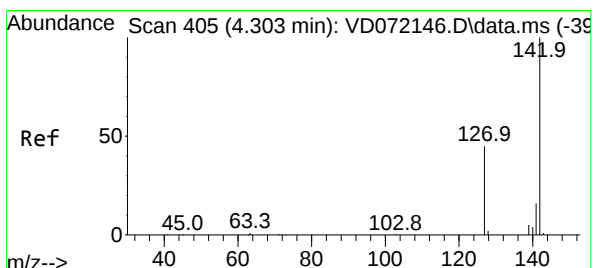
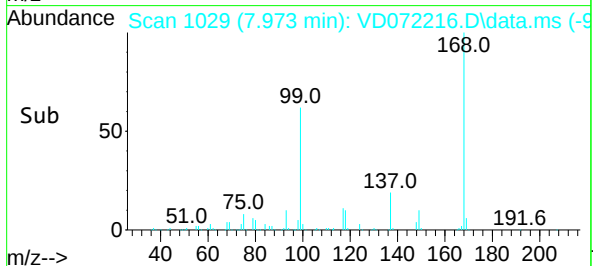
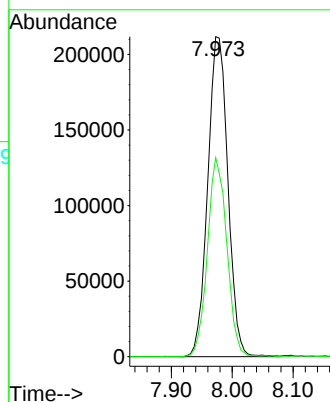
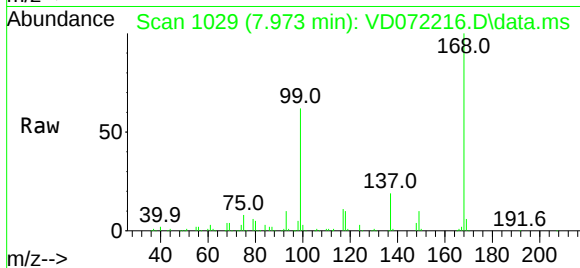




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.000 min
Lab File: VD072216.D
Acq: 16 Mar 2022 14:12

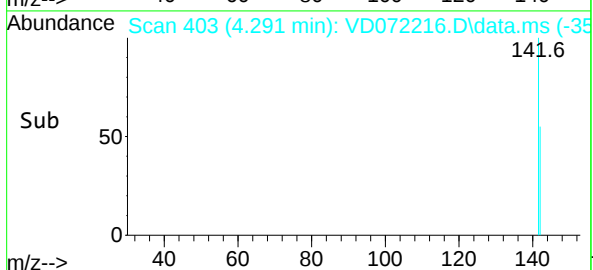
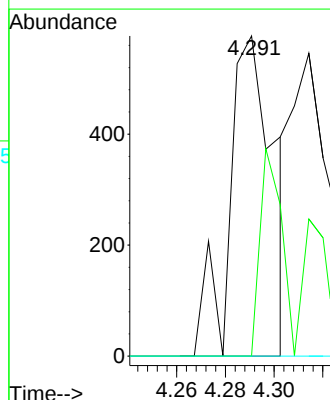
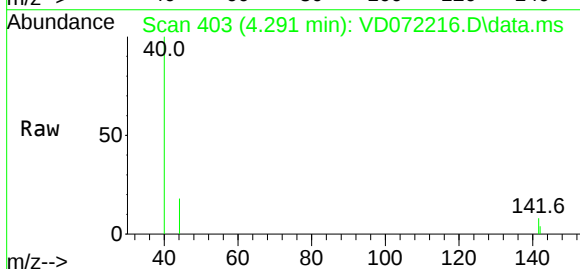
Instrument :
MSVOA_D
ClientSampleId :
JDSH-TB-STOCKPILE-C

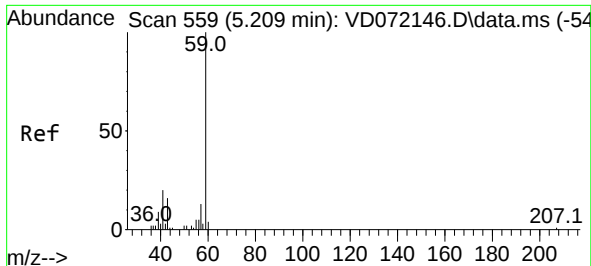
Tgt Ion:168 Resp: 486975
Ion Ratio Lower Upper
168 100
99 62.2 49.8 74.6



#10
Methyl Iodide
Concen: 2.368 ug/l
RT: 4.291 min Scan# 403
Delta R.T. -0.012 min
Lab File: VD072216.D
Acq: 16 Mar 2022 14:12

Tgt Ion:142 Resp: 734
Ion Ratio Lower Upper
142 100
127 31.1 37.3 55.9#
141 0.0 11.7 17.5#





#11

Tert butyl alcohol

Concen: 1.653 ug/l

RT: 5.220 min Scan# 5

Delta R.T. 0.011 min

Lab File: VD072216.D

Acq: 16 Mar 2022 14:12

Instrument :

MSVOA_D

ClientSampleId :

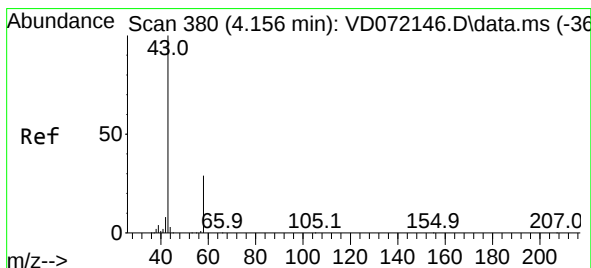
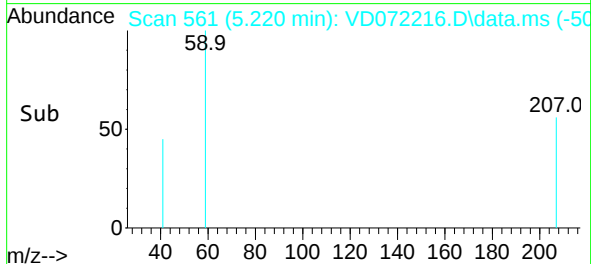
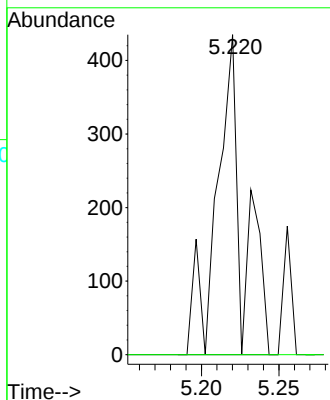
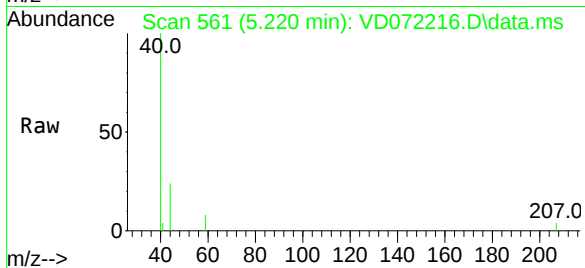
JDSH-TB-STOCKPILE-C

Tgt Ion: 59 Resp: 520

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.6#



#16

Acetone

Concen: 2.622 ug/l

RT: 4.173 min Scan# 383

Delta R.T. 0.017 min

Lab File: VD072216.D

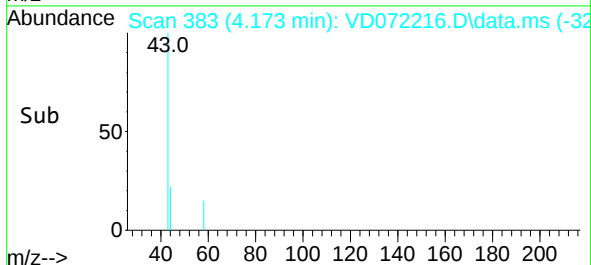
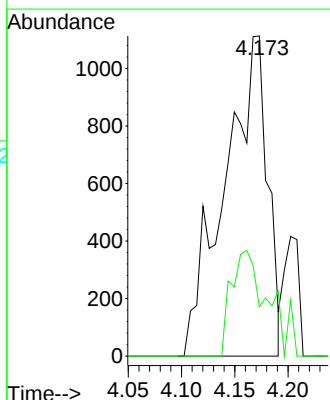
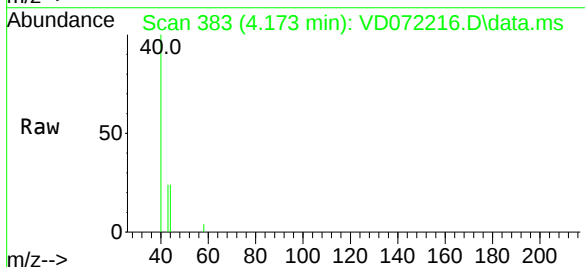
Acq: 16 Mar 2022 14:12

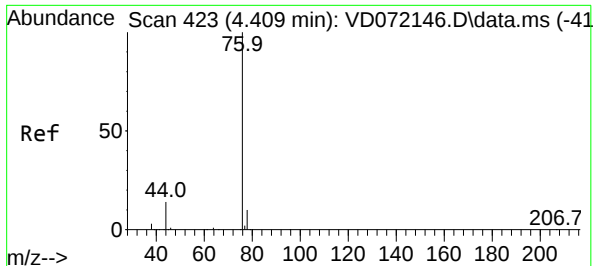
Tgt Ion: 43 Resp: 3089

Ion Ratio Lower Upper

43 100

58 15.5 22.1 33.1#





#17

Carbon Disulfide

Concen: 3.135 ug/l

RT: 4.414 min Scan# 41

Delta R.T. 0.005 min

Lab File: VD072216.D

Acq: 16 Mar 2022 14:12

Instrument :

MSVOA_D

ClientSampleId :

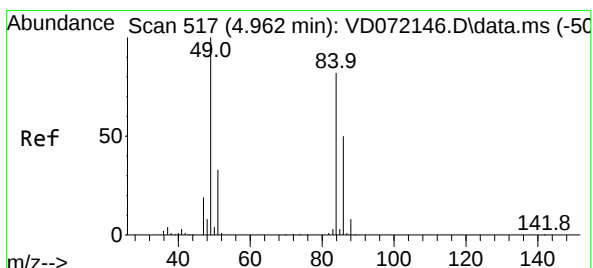
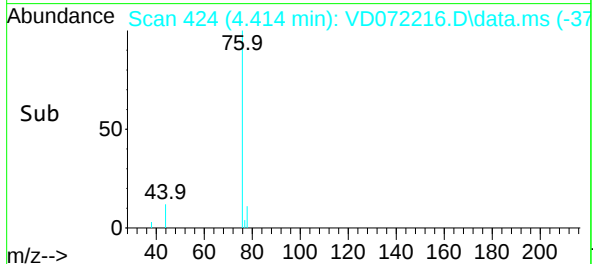
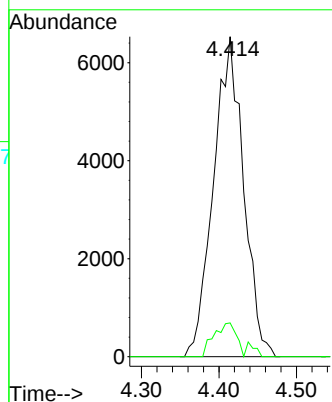
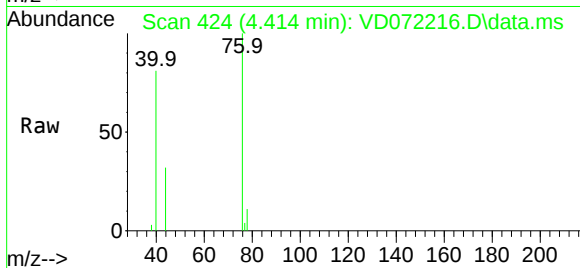
JDSH-TB-STOCKPILE-C

Tgt Ion: 76 Resp: 17591

Ion Ratio Lower Upper

76 100

78 10.5 7.5 11.3



#20

Methylene Chloride

Concen: Below Cal

RT: 4.961 min Scan# 517

Delta R.T. -0.001 min

Lab File: VD072216.D

Acq: 16 Mar 2022 14:12

Tgt Ion: 84 Resp: 12680

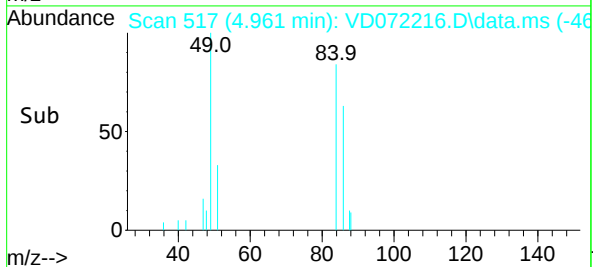
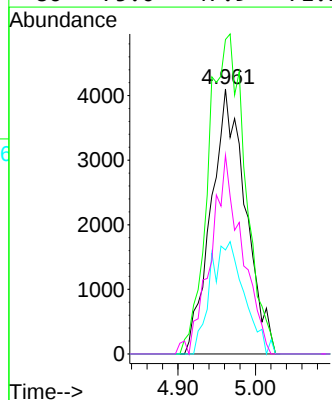
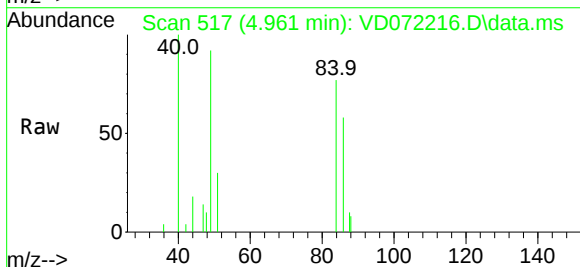
Ion Ratio Lower Upper

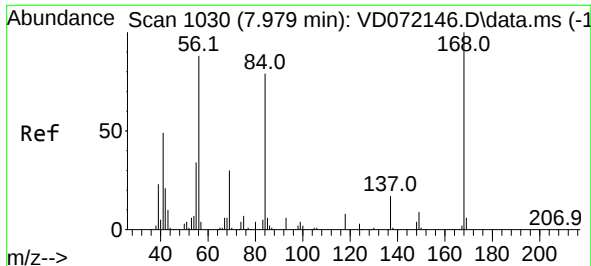
84 100

49 118.7 112.8 169.2

51 39.2 32.6 48.8

86 75.0 47.9 71.9#

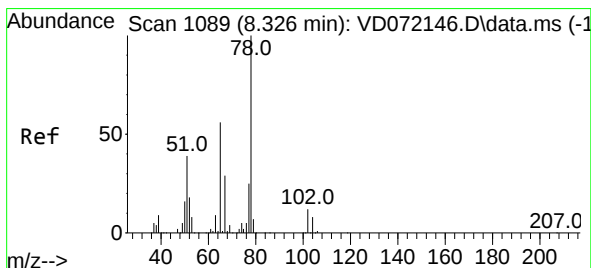
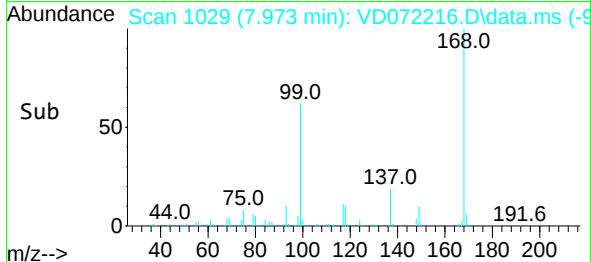
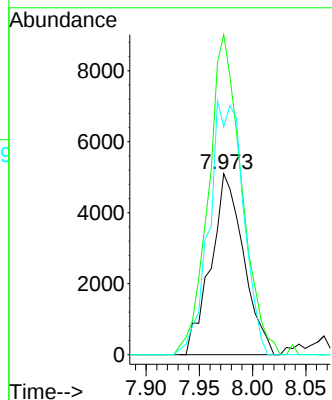
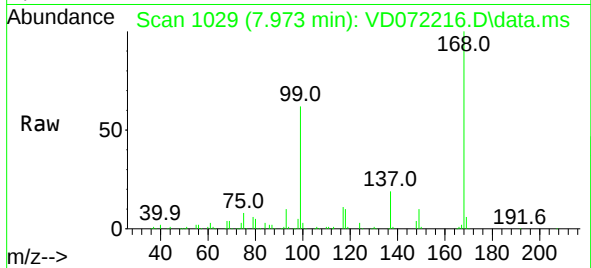




#31
Cyclohexane
Concen: 1.286 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD072216.D
Acq: 16 Mar 2022 14:12

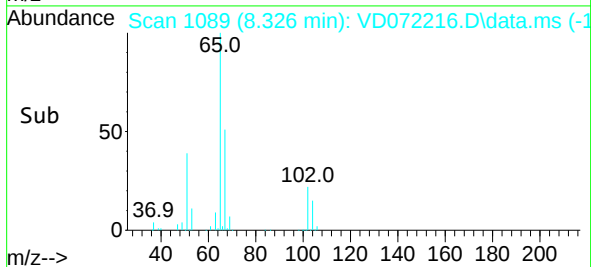
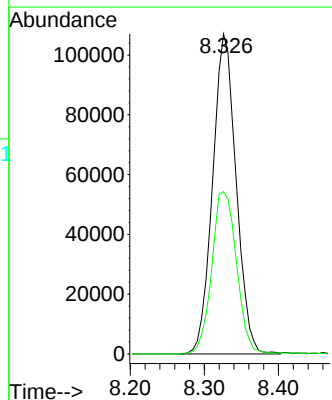
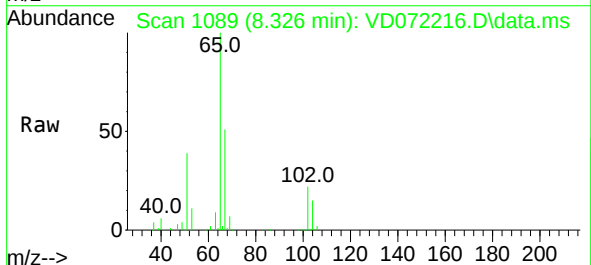
Instrument :
MSVOA_D
ClientSampleId :
JDSH-TB-STOCKPILE-C

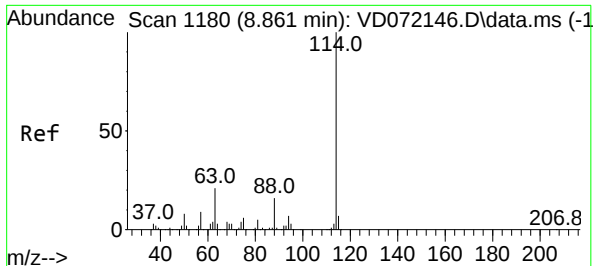
Tgt Ion: 56 Resp: 10900
Ion Ratio Lower Upper
56 100
69 176.8 25.4 38.2#
84 126.0 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 43.467 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD072216.D
Acq: 16 Mar 2022 14:12

Tgt Ion: 65 Resp: 235896
Ion Ratio Lower Upper
65 100
67 53.5 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: VD072216.D

Acq: 16 Mar 2022 14:12

Instrument :

MSVOA_D

ClientSampleId :

JDSH-TB-STOCKPILE-C

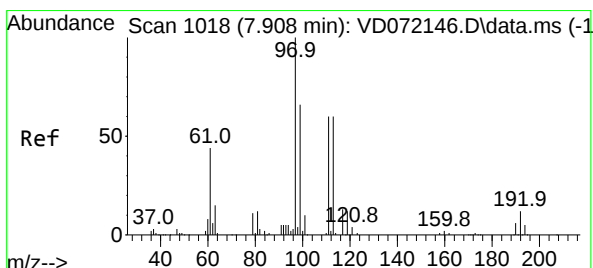
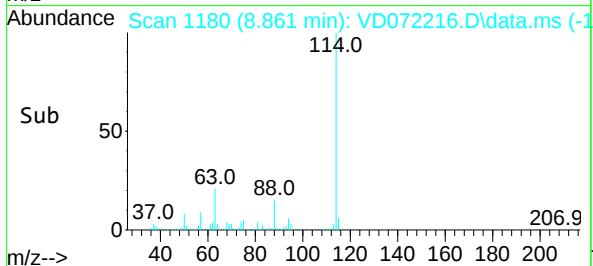
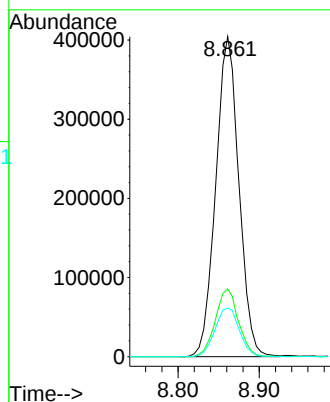
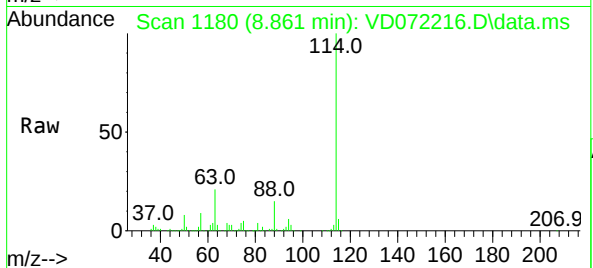
Tgt Ion:114 Resp: 800254

Ion Ratio Lower Upper

114 100

63 21.2 0.0 46.6

88 15.2 0.0 33.2



#35

Dibromofluoromethane

Concen: 42.529 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VD072216.D

Acq: 16 Mar 2022 14:12

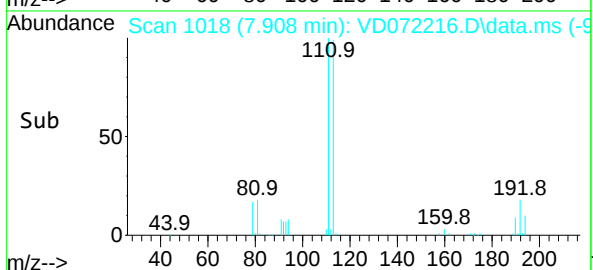
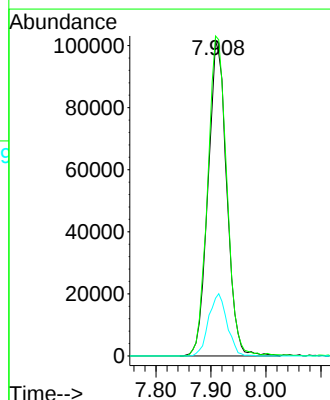
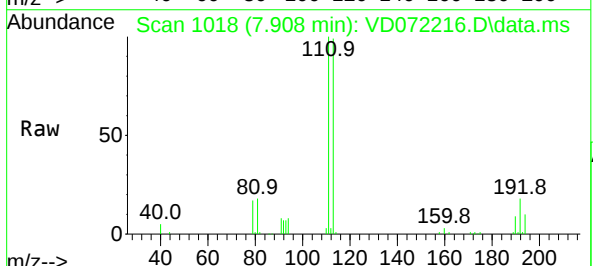
Tgt Ion:113 Resp: 239501

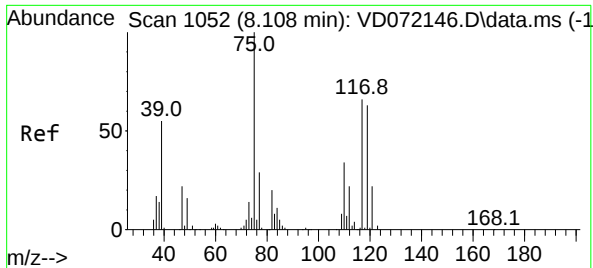
Ion Ratio Lower Upper

113 100

111 103.7 83.8 125.6

192 19.5 14.6 21.8





#36

1,1-Dichloropropene

Concen: 5.004 ug/l

RT: 7.979 min Scan# 1029

Delta R.T. -0.130 min

Lab File: VD072216.D

Acq: 16 Mar 2022 14:12

Instrument :

MSVOA_D

ClientSampleId :

JDSH-TB-STOCKPILE-C

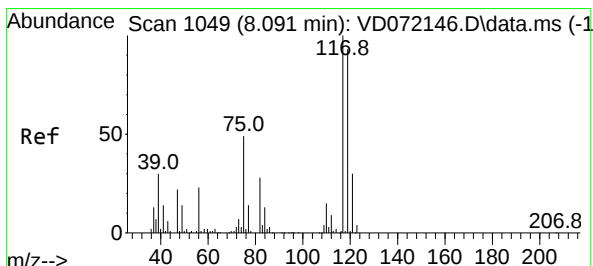
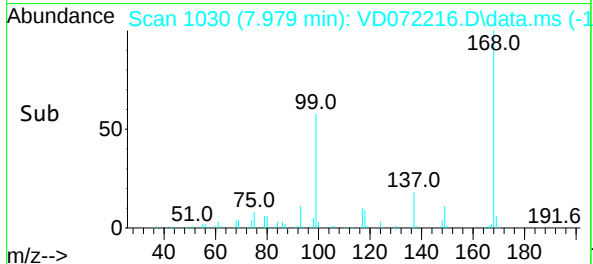
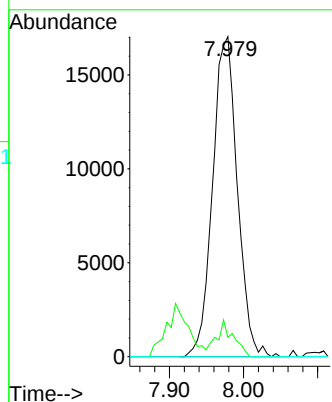
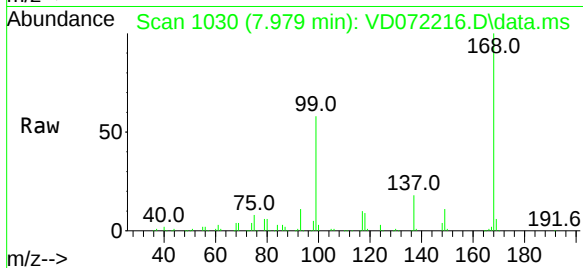
Tgt Ion: 75 Resp: 39531

Ion Ratio Lower Upper

75 100

110 7.8 16.4 49.1#

77 0.0 24.2 36.2#



#38

Carbon Tetrachloride

Concen: 5.493 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.118 min

Lab File: VD072216.D

Acq: 16 Mar 2022 14:12

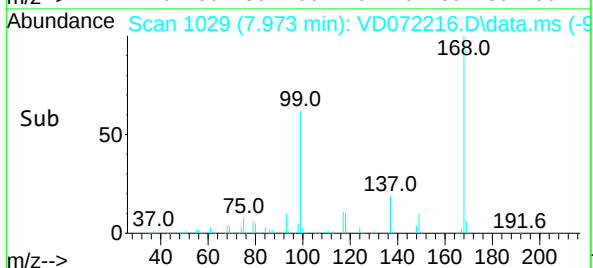
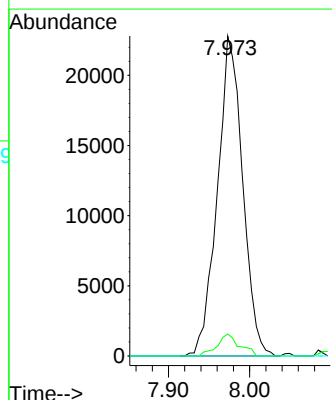
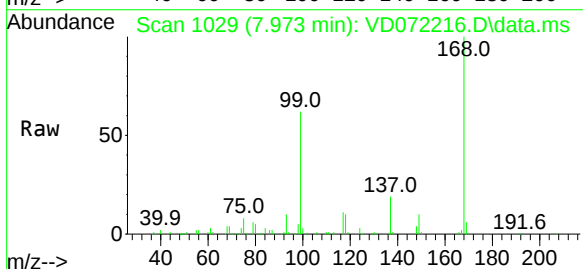
Tgt Ion: 117 Resp: 49330

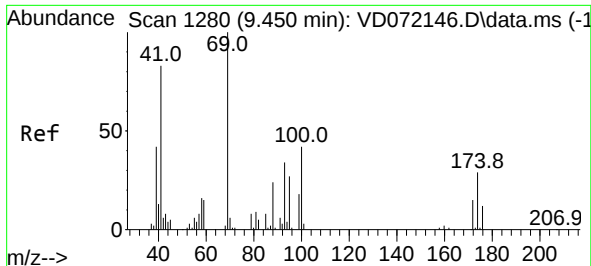
Ion Ratio Lower Upper

117 100

119 6.9 75.8 113.6#

121 0.0 24.5 36.7#





#49

1,4-Dioxane

Concen: 1.947 ug/l

RT: 9.338 min Scan# 1261

Delta R.T. -0.112 min

Lab File: VD072216.D

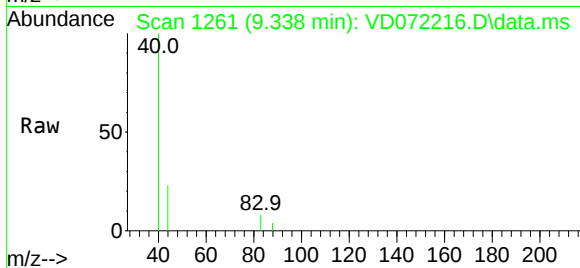
Acq: 16 Mar 2022 14:12

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ClientSampleId :

JDSH-TB-STOCKPILE-C



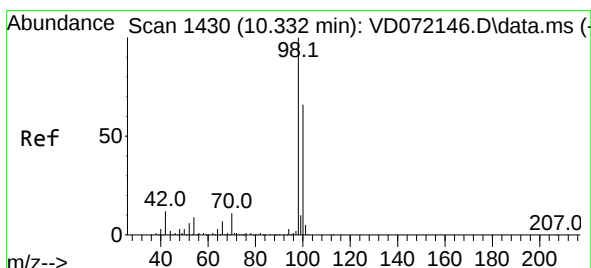
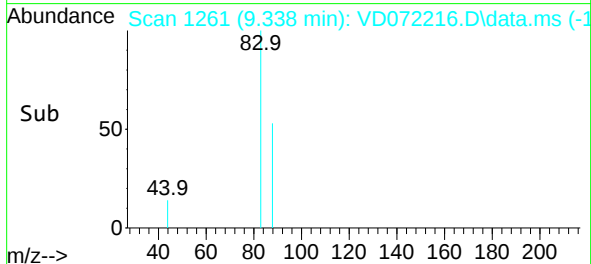
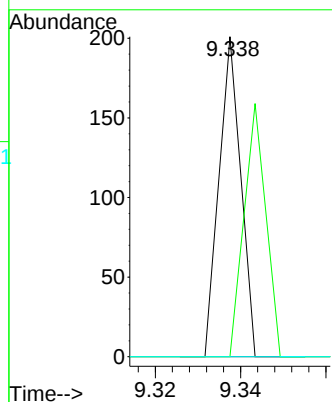
Tgt Ion: 88 Resp: 71

Ion Ratio Lower Upper

88 100

43 78.9 31.0 46.4#

58 0.0 58.1 87.1#



#50

Toluene-d8

Concen: 47.367 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD072216.D

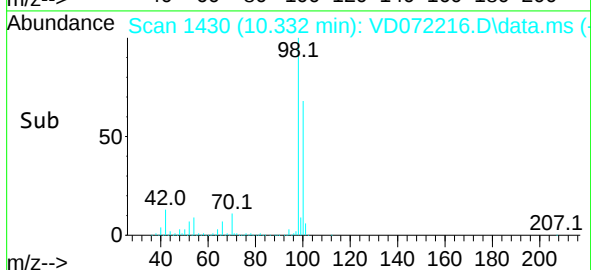
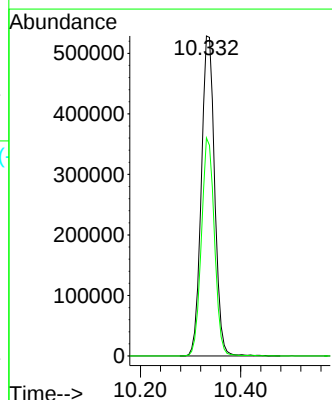
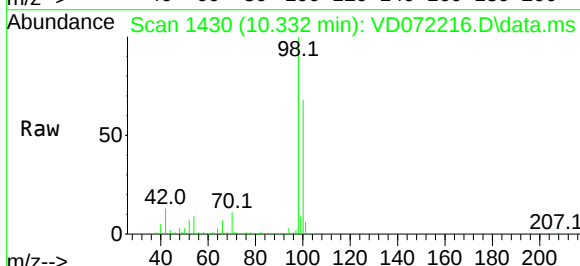
Acq: 16 Mar 2022 14:12

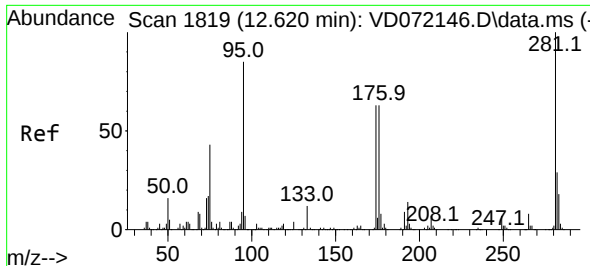
Tgt Ion: 98 Resp: 975360

Ion Ratio Lower Upper

98 100

100 66.7 52.4 78.6

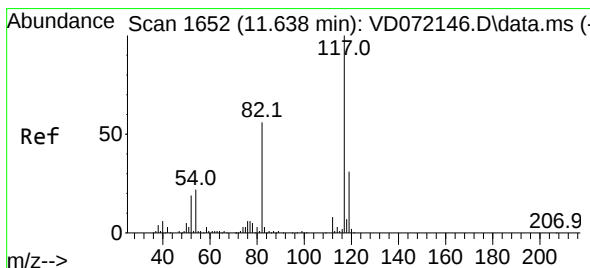
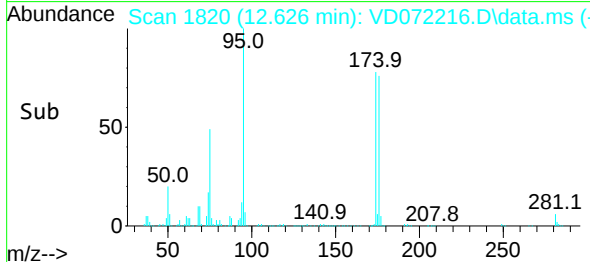
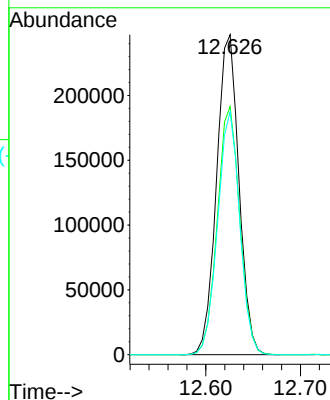
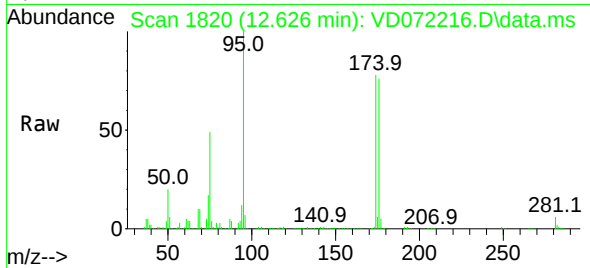




#62
4-Bromofluorobenzene
Concen: 50.663 ug/l
RT: 12.626 min Scan# 1819
Delta R.T. 0.006 min
Lab File: VD072216.D
Acq: 16 Mar 2022 14:12

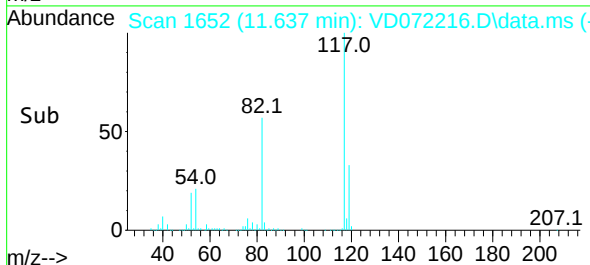
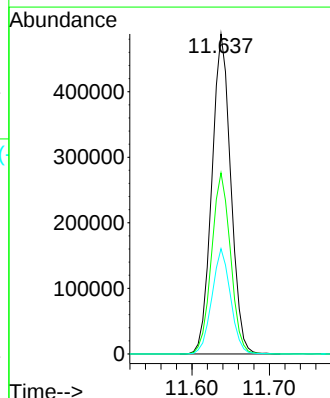
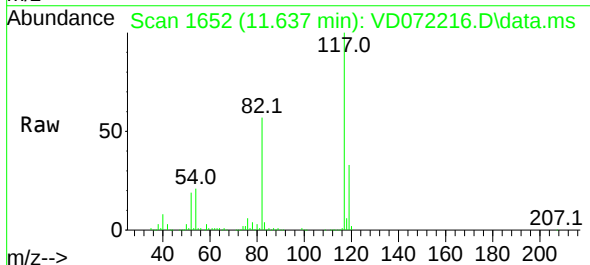
Instrument :
MSVOA_D
ClientSampleId :
JDSH-TB-STOCKPILE-C

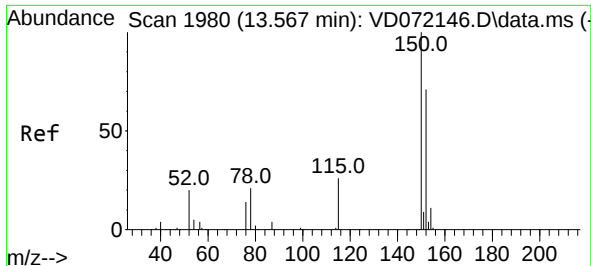
Tgt Ion: 95 Resp: 405351
Ion Ratio Lower Upper
95 100
174 77.7 0.0 152.8
176 74.9 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072216.D
Acq: 16 Mar 2022 14:12

Tgt Ion: 117 Resp: 827992
Ion Ratio Lower Upper
117 100
82 56.6 45.3 67.9
119 32.9 26.6 40.0

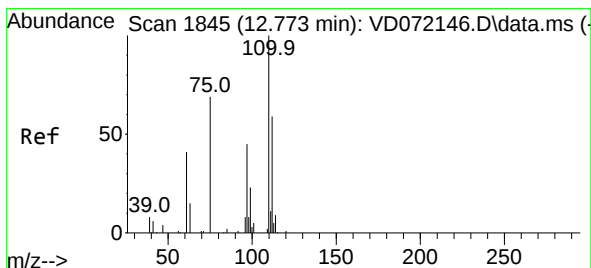
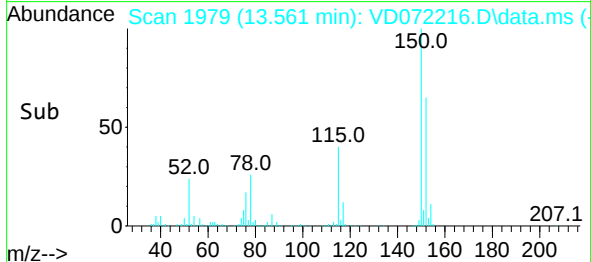
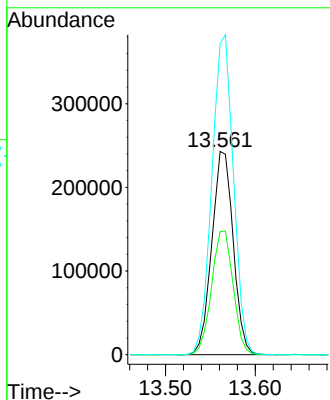
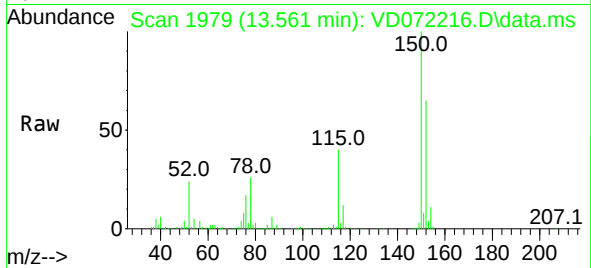




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1980
 Delta R.T. -0.006 min
 Lab File: VD072216.D
 Acq: 16 Mar 2022 14:12

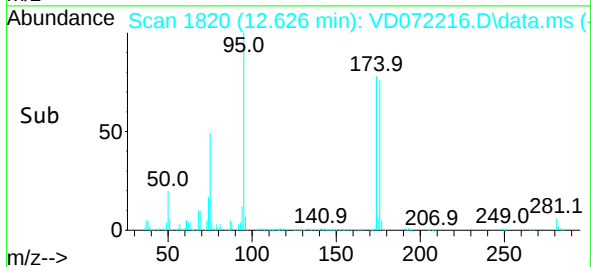
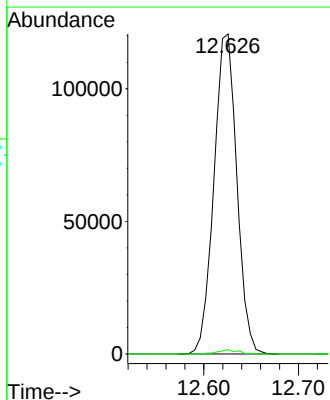
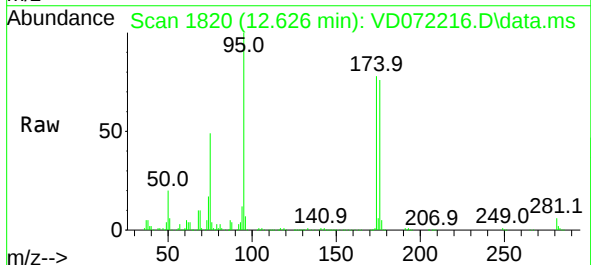
Instrument :
 MSVOA_D
 ClientSampleId :
 JDSH-TB-STOCKPILE-C

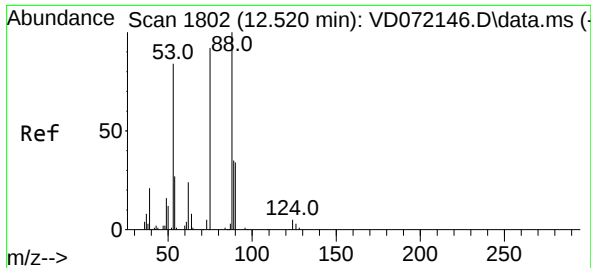
Tgt Ion:152 Resp: 403014
 Ion Ratio Lower Upper
 152 100
 115 61.4 31.3 93.8
 150 158.4 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 45.634 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.147 min
 Lab File: VD072216.D
 Acq: 16 Mar 2022 14:12

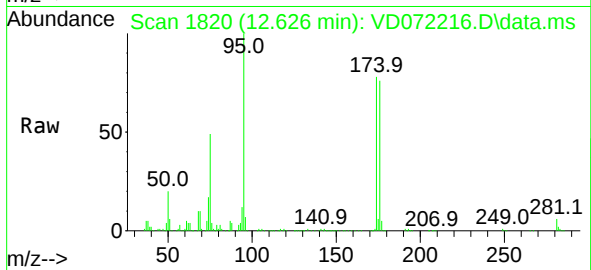
Tgt Ion: 75 Resp: 202870
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 113.222 ug/l
 RT: 12.626 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD072216.D
 Acq: 16 Mar 2022 14:12

Instrument :
 MSVOA_D
 ClientSampleId :
 JDSH-TB-STOCKPILE-C



Tgt Ion: 75 Resp: 202870
 Ion Ratio Lower Upper
 75 100
 53 0.1 86.5 129.7#
 89 0.1 33.9 50.9#

