

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031622\
 Data File : VD072215.D
 Acq On : 16 Mar 2022 13:43
 Operator : VA/SY
 Sample : N1918-12
 Misc : 5.11G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Mar 16 15:01:03 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)

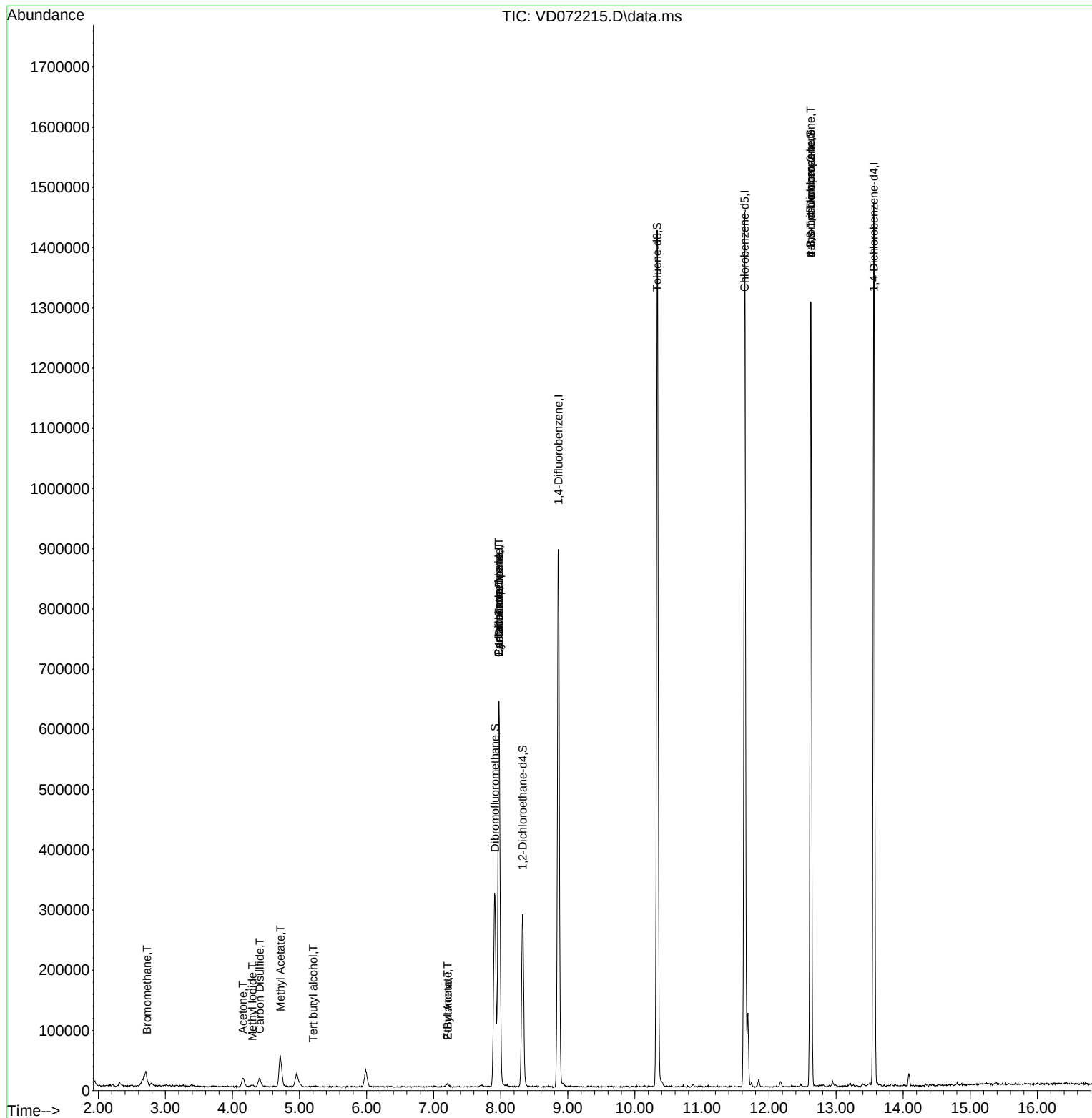
Internal Standards						
1) Pentafluorobenzene	7.973	168	470833	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	774305	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	829047	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	389211	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	231447	44.109	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	88.220%		
35) Dibromofluoromethane	7.914	113	238690	43.806	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	87.620%		
50) Toluene-d8	10.332	98	971961	48.784	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	97.560%		
62) 4-Bromofluorobenzene	12.620	95	402882	52.042	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	104.080%		
Target Compounds						Qvalue
5) Bromomethane	2.726	94	3579	1.471	ug/l	87
10) Methyl Iodide	4.297	142	4792	3.177	ug/l	94
11) Tert butyl alcohol	5.203	59	819	2.692	ug/l #	74
16) Acetone	4.156	43	27030	23.726	ug/l #	85
17) Carbon Disulfide	4.409	76	29445	4.330	ug/l	98
18) Methyl Acetate	4.715	43	102189	36.602	ug/l	97
20) Methylene Chloride	4.962	84	16797	Below Cal		90
25) 2-Butanone	7.208	43	4572	3.010	ug/l #	87
31) Cyclohexane	7.973	56	11445	1.396	ug/l #	1
36) 1,1-Dichloropropene	7.973	75	38023	4.974	ug/l #	52
37) Ethyl Acetate	7.208	43	4572	1.365	ug/l #	77
38) Carbon Tetrachloride	7.973	117	49260	5.669	ug/l #	16
76) 1,2,3-Trichloropropane	12.620	75	205865	47.950	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	205865	118.968	ug/l #	7

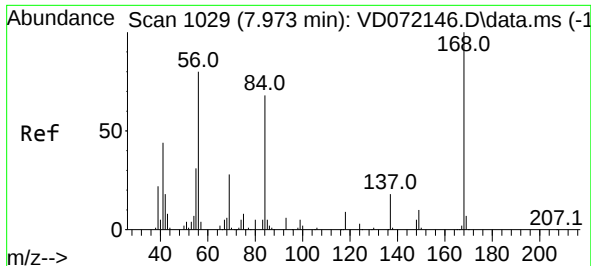
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Mar 14 05:18:06 2022
Response via : Initial Calibration

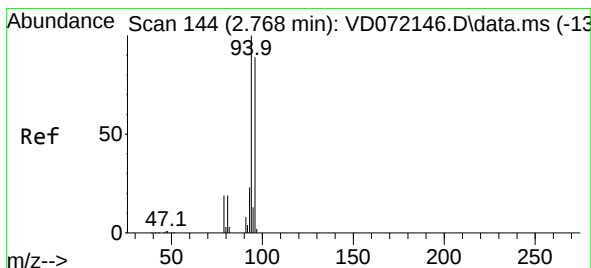
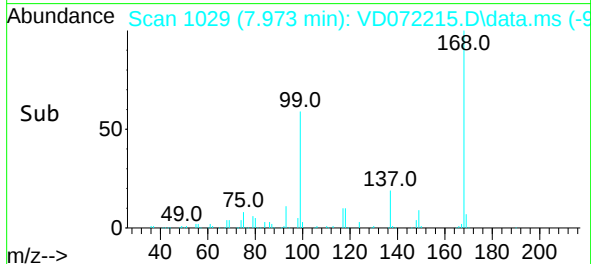
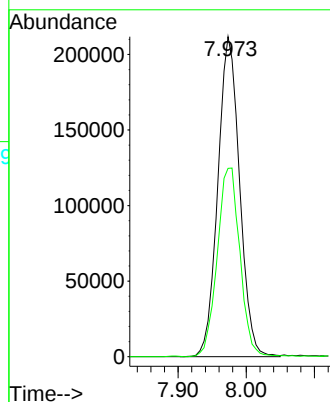
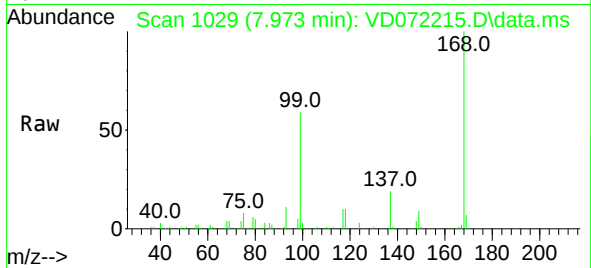




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072215.D
Acq: 16 Mar 2022 13:43

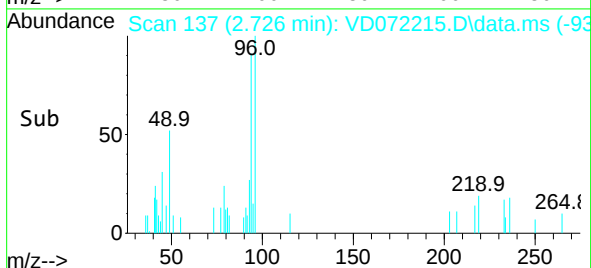
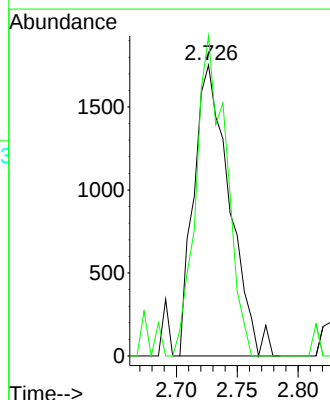
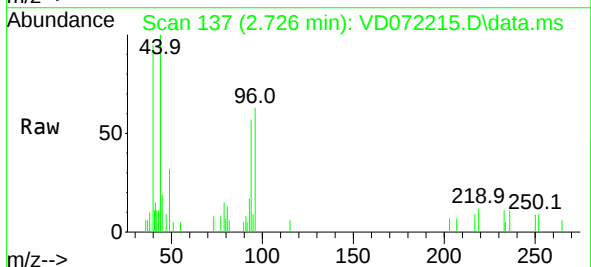
Instrument :
MSVOA_D
ClientSampleId :
JDSH-TB-STOCKPILE-B

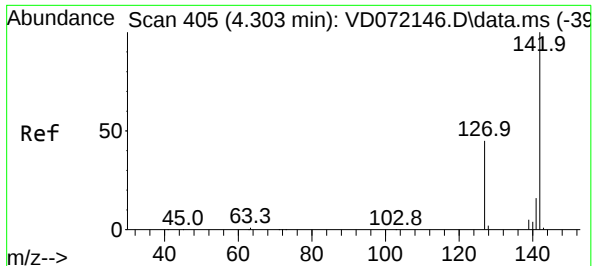
Tgt Ion:168 Resp: 470833
Ion Ratio Lower Upper
168 100
99 58.7 49.8 74.6



#5
Bromomethane
Concen: 1.471 ug/l
RT: 2.726 min Scan# 137
Delta R.T. -0.041 min
Lab File: VD072215.D
Acq: 16 Mar 2022 13:43

Tgt Ion: 94 Resp: 3579
Ion Ratio Lower Upper
94 100
96 110.0 77.6 116.4

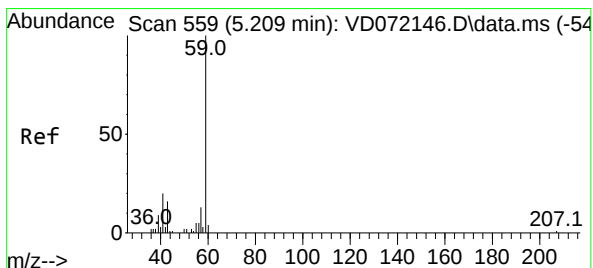
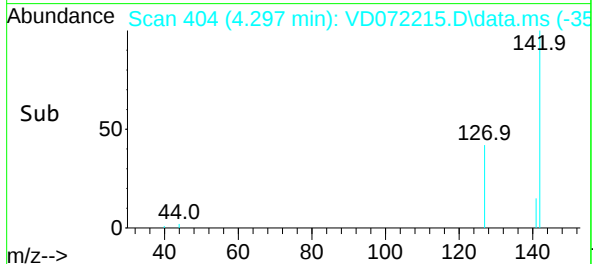
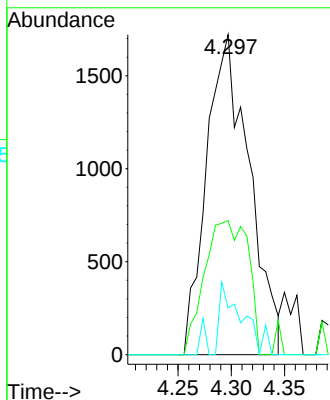
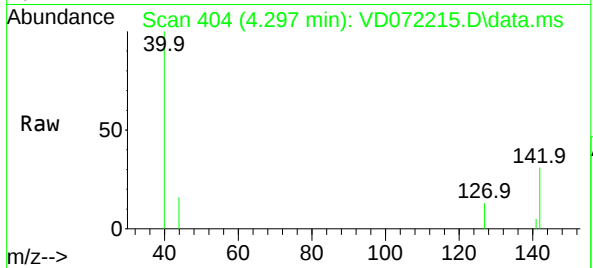




#10
Methyl Iodide
Concen: 3.177 ug/l
RT: 4.297 min Scan# 405
Delta R.T. -0.006 min
Lab File: VD072215.D
Acq: 16 Mar 2022 13:43

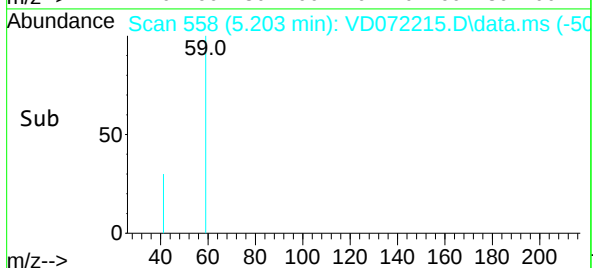
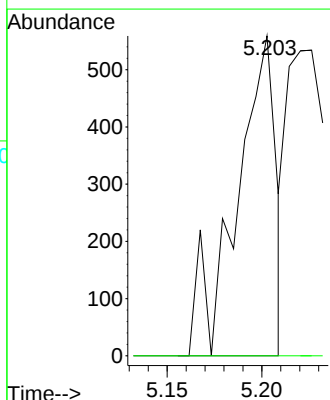
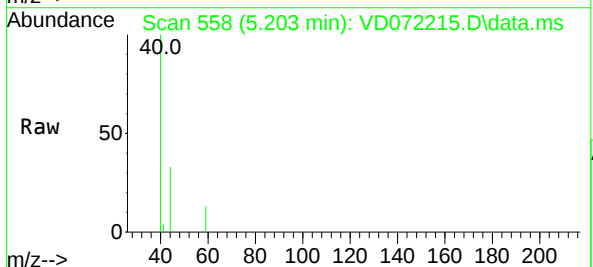
Instrument :
MSVOA_D
ClientSampleId :
JDSH-TB-STOCKPILE-B

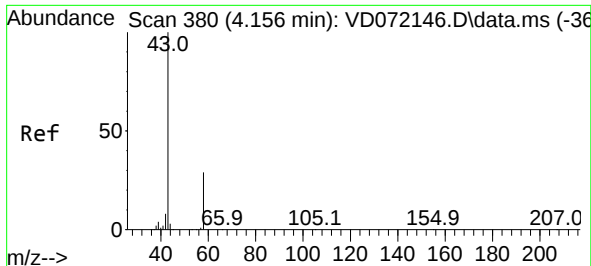
Tgt Ion:142 Resp: 4792
Ion Ratio Lower Upper
142 100
127 42.7 37.3 55.9
141 12.1 11.7 17.5



#11
Tert butyl alcohol
Concen: 2.692 ug/l
RT: 5.203 min Scan# 558
Delta R.T. -0.006 min
Lab File: VD072215.D
Acq: 16 Mar 2022 13:43

Tgt Ion: 59 Resp: 819
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

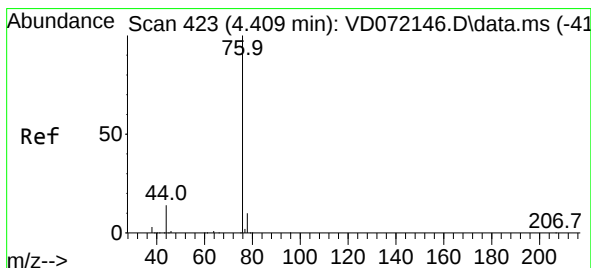
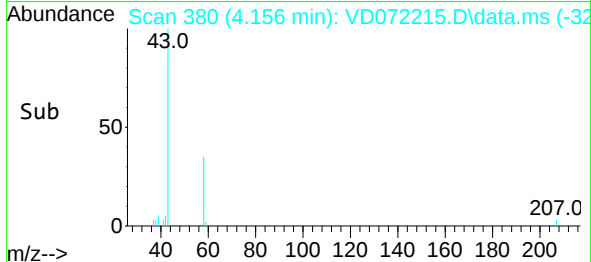
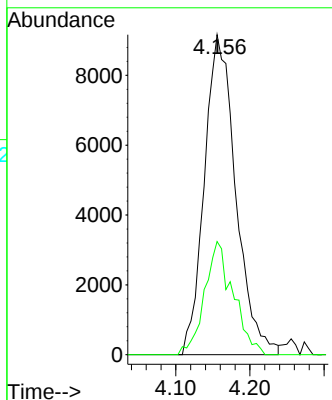
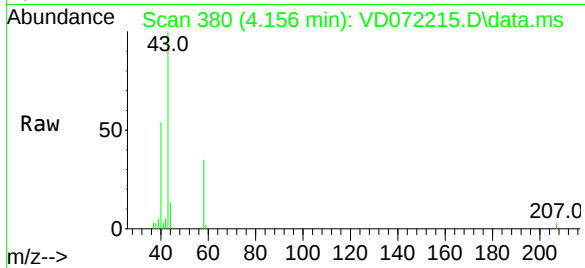




#16
Acetone
Concen: 23.726 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD072215.D
Acq: 16 Mar 2022 13:43

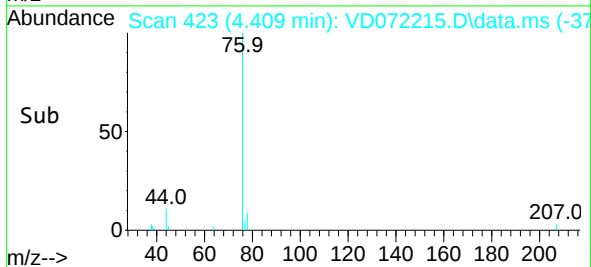
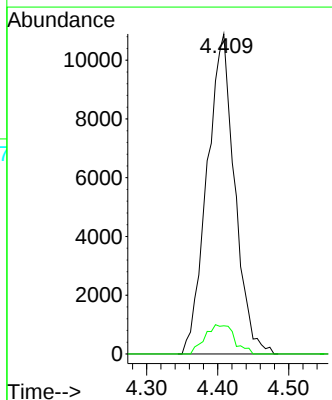
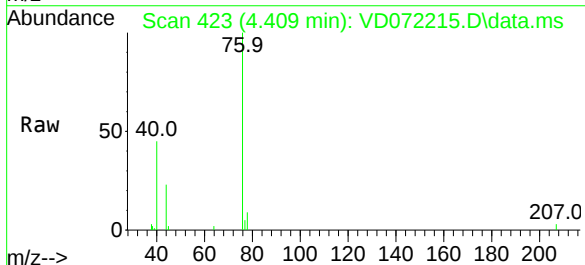
Instrument :
MSVOA_D
ClientSampleId :
JDSH-TB-STOCKPILE-B

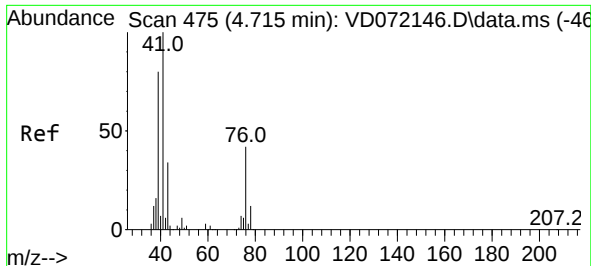
Tgt Ion: 43 Resp: 27030
Ion Ratio Lower Upper
43 100
58 35.3 22.1 33.1#



#17
Carbon Disulfide
Concen: 4.330 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.000 min
Lab File: VD072215.D
Acq: 16 Mar 2022 13:43

Tgt Ion: 76 Resp: 29445
Ion Ratio Lower Upper
76 100
78 8.8 7.5 11.3

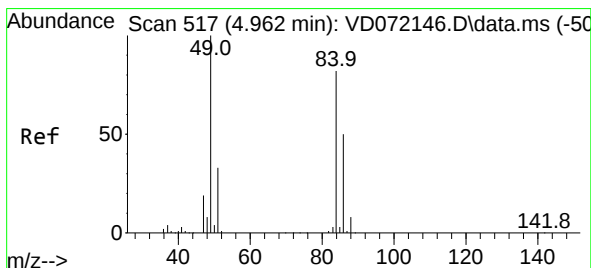
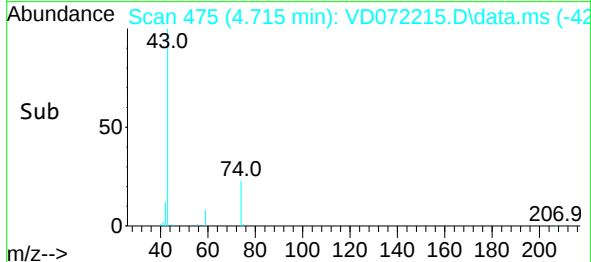
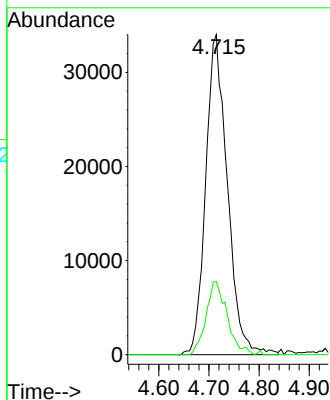
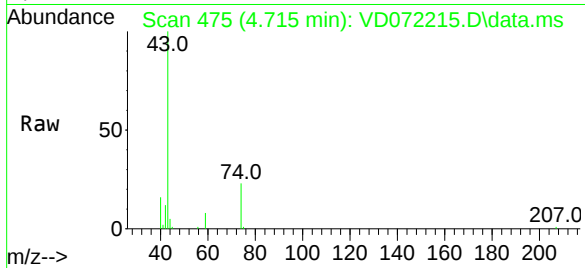




#18
Methyl Acetate
Concen: 36.602 ug/l
RT: 4.715 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD072215.D
Acq: 16 Mar 2022 13:43

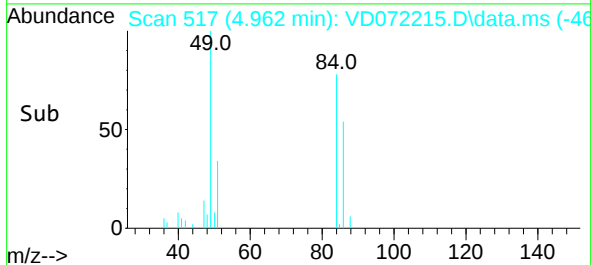
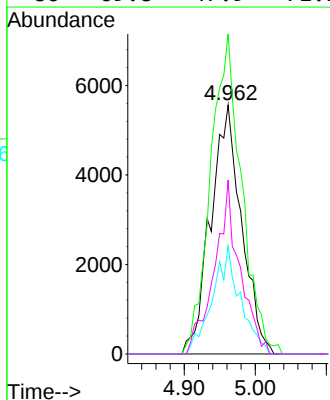
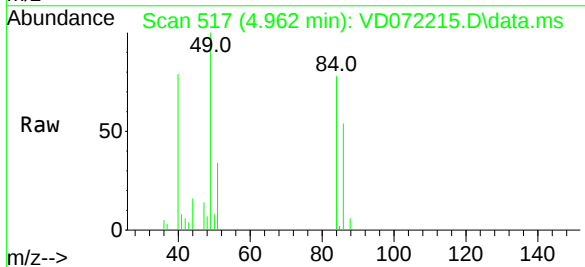
Instrument :
MSVOA_D
ClientSampleId :
JDSH-TB-STOCKPILE-B

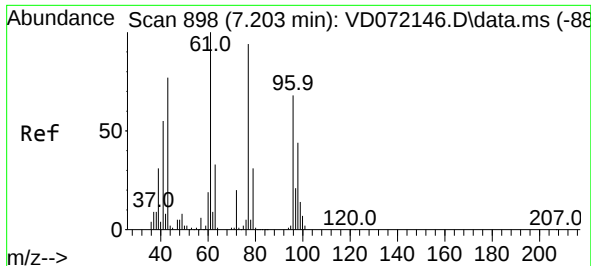
Tgt Ion: 43 Resp: 102189
Ion Ratio Lower Upper
43 100
74 22.2 16.7 25.1



#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD072215.D
Acq: 16 Mar 2022 13:43

Tgt Ion: 84 Resp: 16797
Ion Ratio Lower Upper
84 100
49 128.5 112.8 169.2
51 43.3 32.6 48.8
86 69.8 47.9 71.9

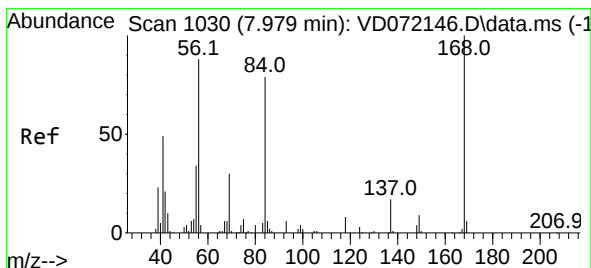
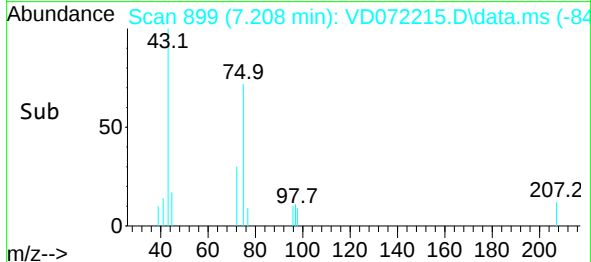
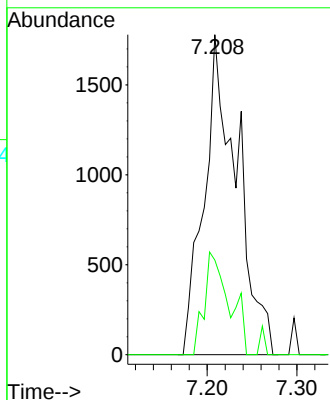
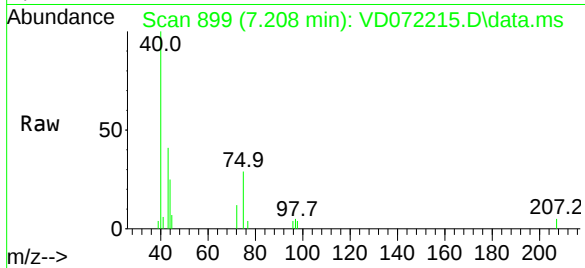




#25
2-Butanone
Concen: 3.010 ug/l
RT: 7.208 min Scan# 89
Delta R.T. 0.006 min
Lab File: VD072215.D
Acq: 16 Mar 2022 13:43

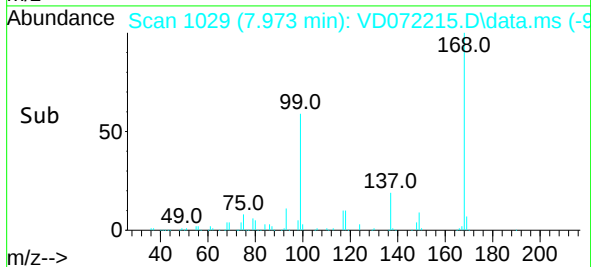
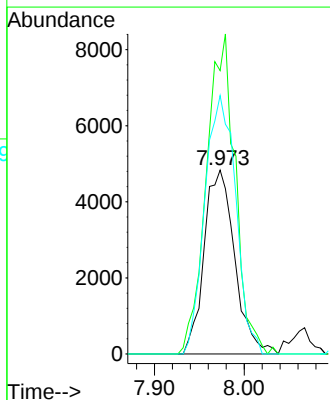
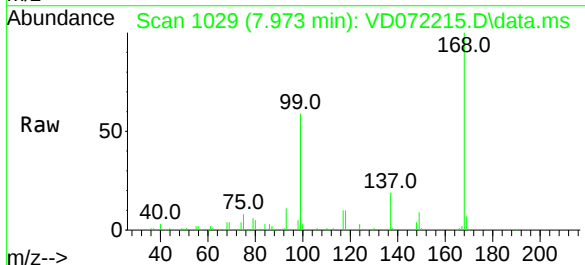
Instrument :
MSVOA_D
ClientSampleId :
JDSH-TB-STOCKPILE-B

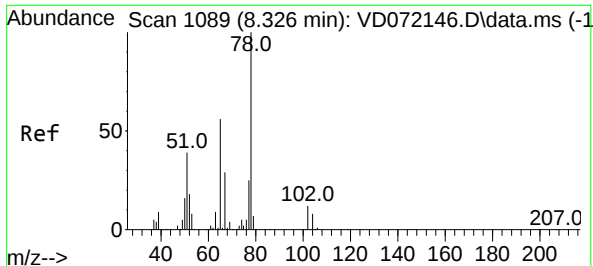
Tgt Ion: 43 Resp: 4572
Ion Ratio Lower Upper
43 100
72 29.6 18.6 27.8#



#31
Cyclohexane
Concen: 1.396 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD072215.D
Acq: 16 Mar 2022 13:43

Tgt Ion: 56 Resp: 11445
Ion Ratio Lower Upper
56 100
69 154.2 25.4 38.2#
84 140.5 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 44.109 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072215.D

Acq: 16 Mar 2022 13:43

Instrument :

MSVOA_D

ClientSampleId :

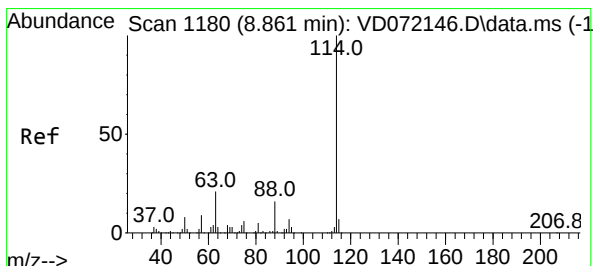
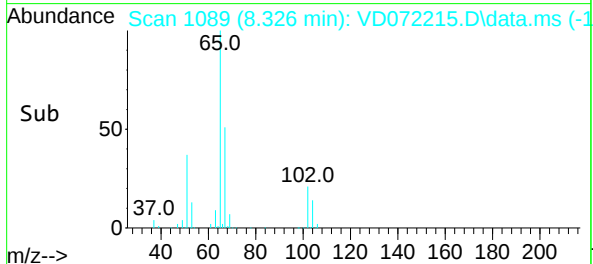
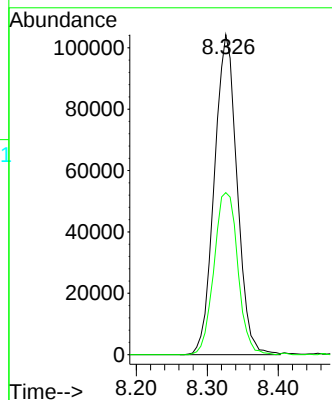
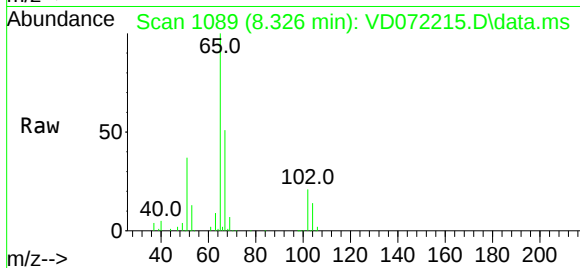
JDSH-TB-STOCKPILE-B

Tgt Ion: 65 Resp: 231447

Ion Ratio Lower Upper

65 100

67 53.1 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: VD072215.D

Acq: 16 Mar 2022 13:43

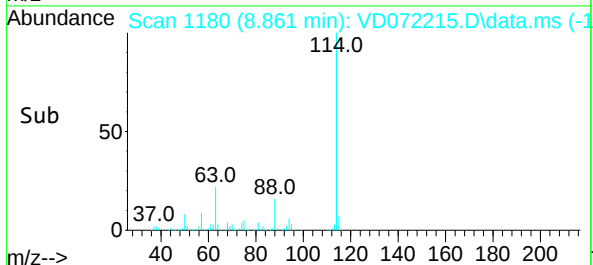
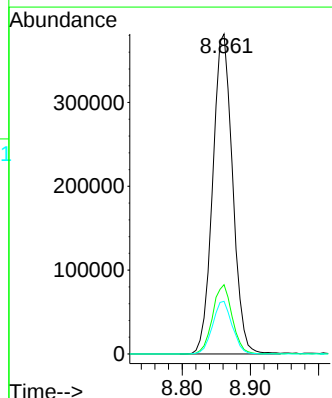
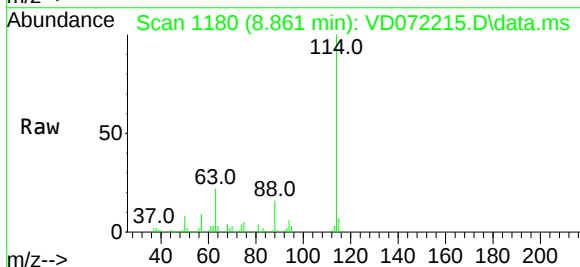
Tgt Ion: 114 Resp: 774305

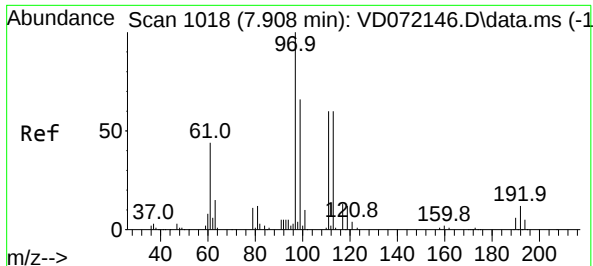
Ion Ratio Lower Upper

114 100

63 21.7 0.0 46.6

88 16.4 0.0 33.2





#35

Dibromofluoromethane

Concen: 43.806 ug/l

RT: 7.914 min Scan# 1018

Delta R.T. 0.006 min

Lab File: VD072215.D

Acq: 16 Mar 2022 13:43

Instrument :

MSVOA_D

ClientSampleId :

JDSH-TB-STOCKPILE-B

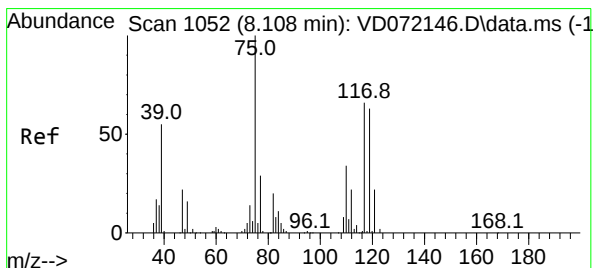
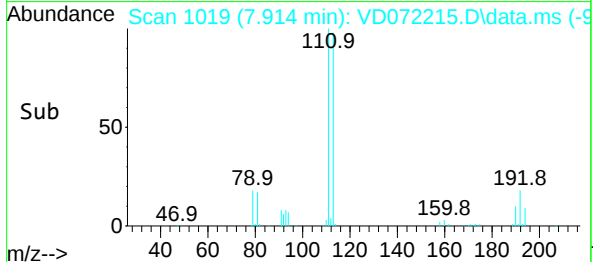
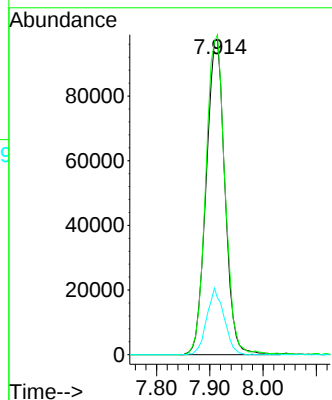
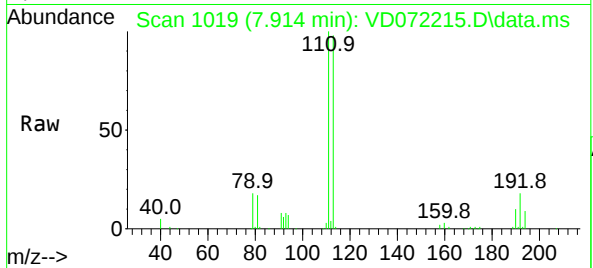
Tgt Ion:113 Resp: 238690

Ion Ratio Lower Upper

113 100

111 102.5 83.8 125.6

192 19.4 14.6 21.8



#36

1,1-Dichloropropene

Concen: 4.974 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.135 min

Lab File: VD072215.D

Acq: 16 Mar 2022 13:43

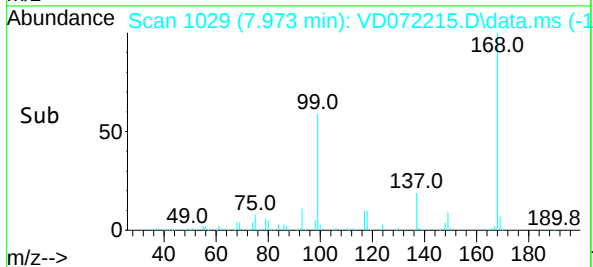
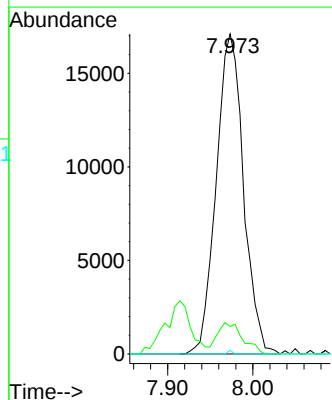
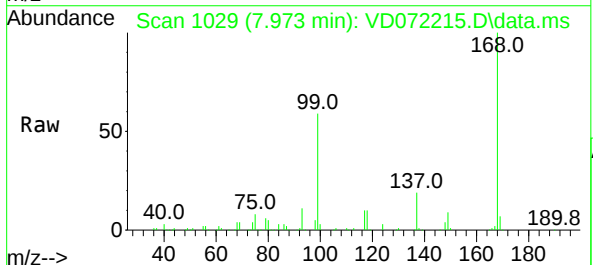
Tgt Ion: 75 Resp: 38023

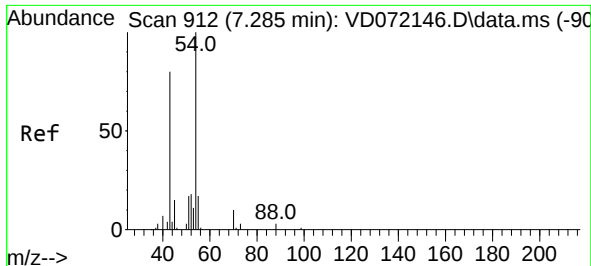
Ion Ratio Lower Upper

75 100

110 9.0 16.4 49.1#

77 0.2 24.2 36.2#

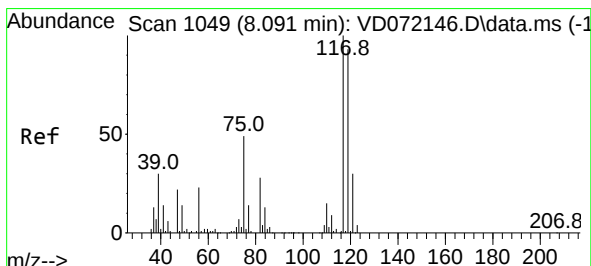
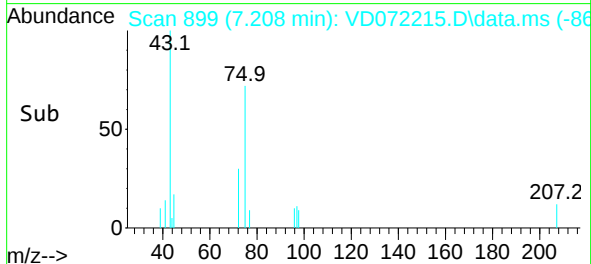
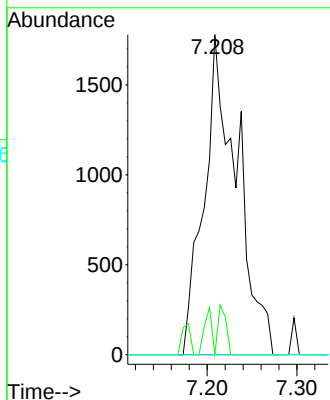
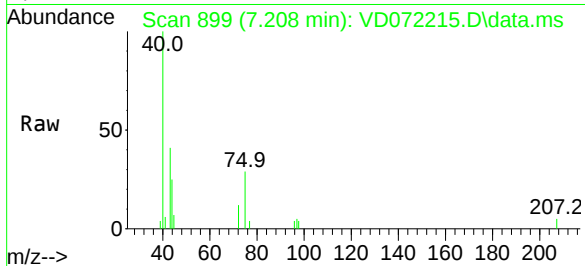




#37
Ethyl Acetate
Concen: 1.365 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.076 min
Lab File: VD072215.D
Acq: 16 Mar 2022 13:43

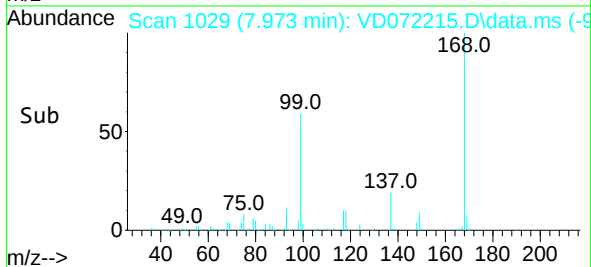
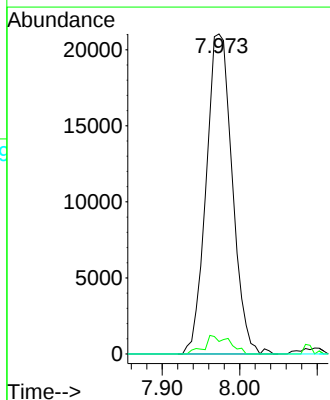
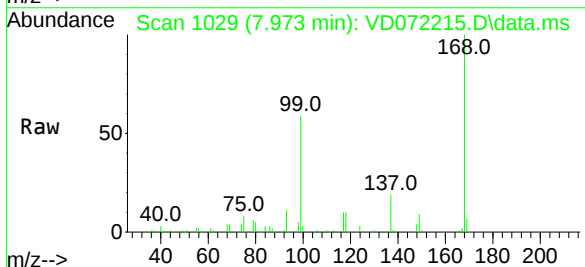
Instrument :
MSVOA_D
ClientSampleId :
JDSH-TB-STOCKPILE-B

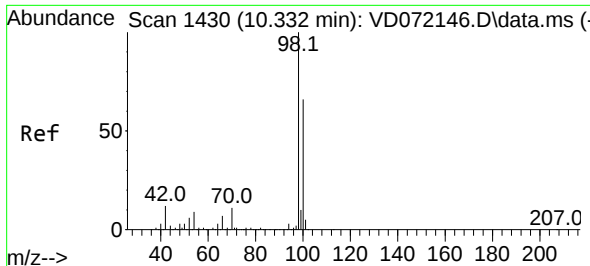
Tgt Ion: 43 Resp: 4572
Ion Ratio Lower Upper
43 100
61 3.7 9.8 14.8#
70 0.0 6.9 10.3#



#38
Carbon Tetrachloride
Concen: 5.669 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.118 min
Lab File: VD072215.D
Acq: 16 Mar 2022 13:43

Tgt Ion: 117 Resp: 49260
Ion Ratio Lower Upper
117 100
119 3.9 75.8 113.6#
121 0.0 24.5 36.7#

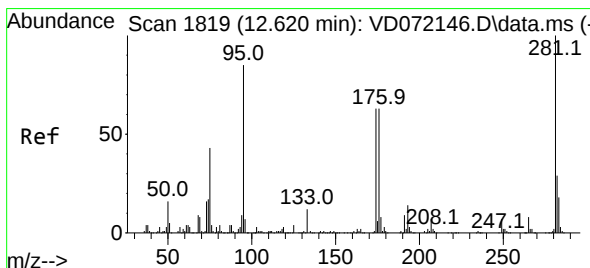
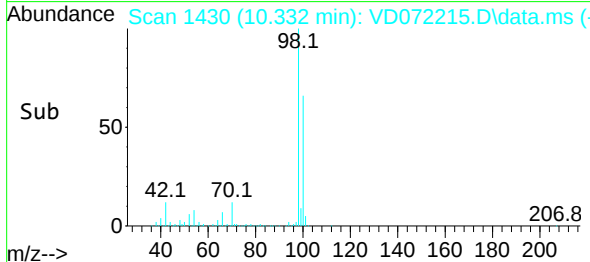
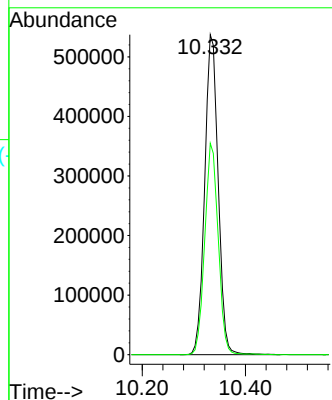
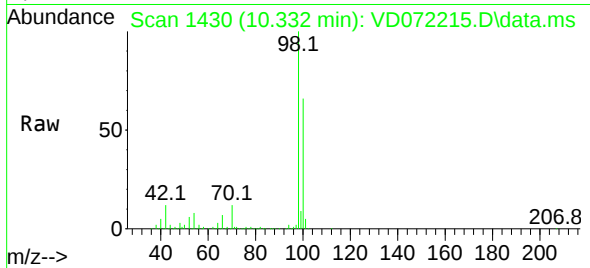




#50
Toluene-d8
Concen: 48.784 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD072215.D
Acq: 16 Mar 2022 13:43

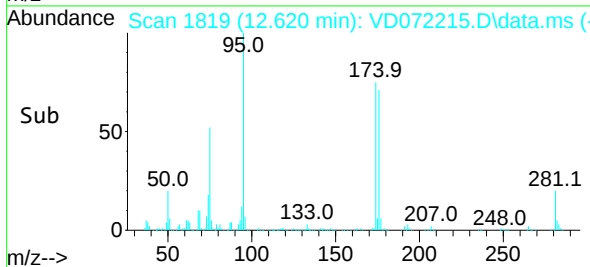
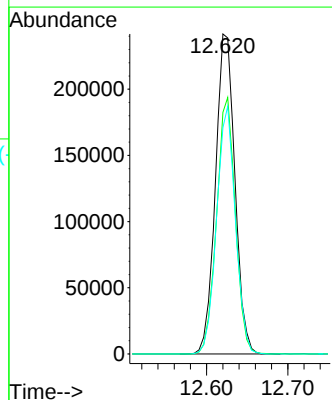
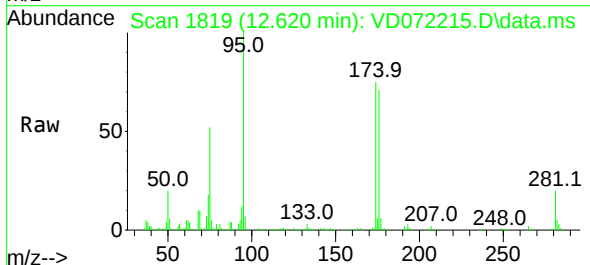
Instrument :
MSVOA_D
ClientSampleId :
JDSH-TB-STOCKPILE-B

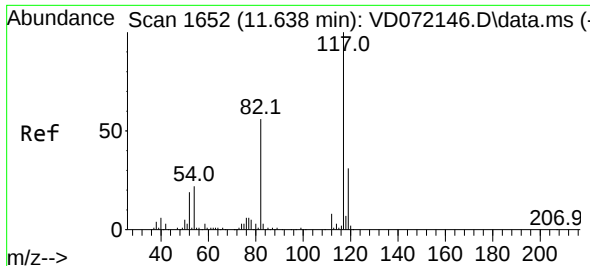
Tgt Ion: 98 Resp: 971961
Ion Ratio Lower Upper
98 100
100 65.9 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 52.042 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072215.D
Acq: 16 Mar 2022 13:43

Tgt Ion: 95 Resp: 402882
Ion Ratio Lower Upper
95 100
174 77.1 0.0 152.8
176 74.6 0.0 145.4

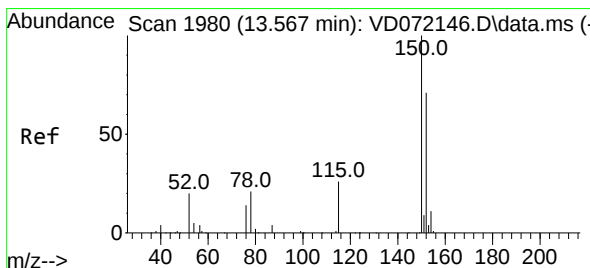
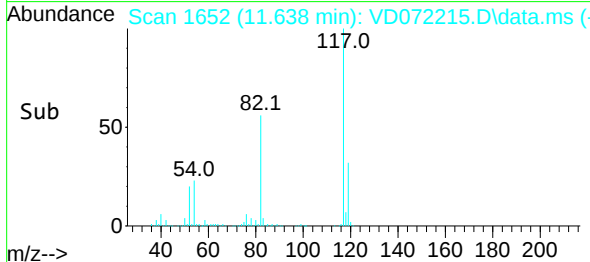
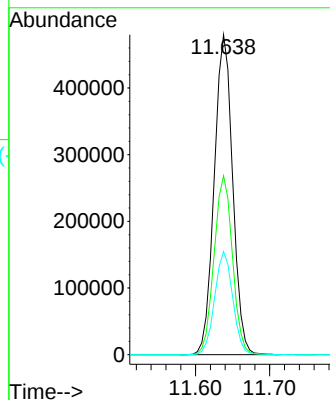
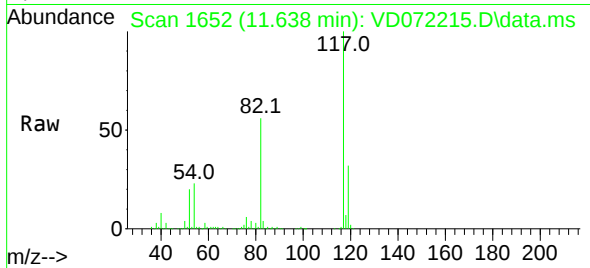




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072215.D
Acq: 16 Mar 2022 13:43

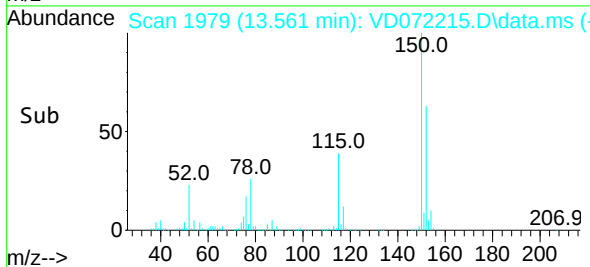
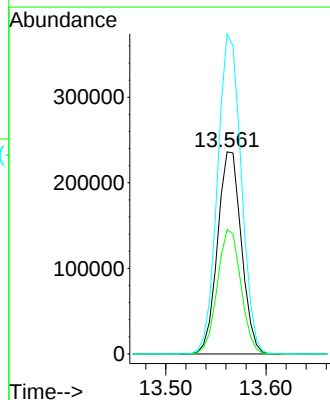
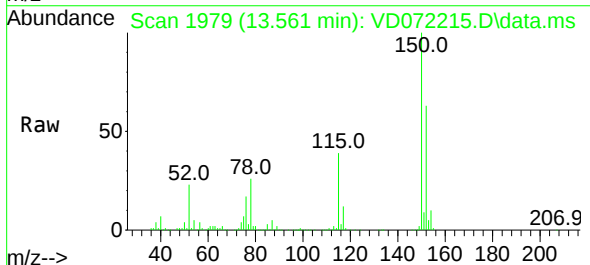
Instrument :
MSVOA_D
ClientSampleId :
JDSH-TB-STOCKPILE-B

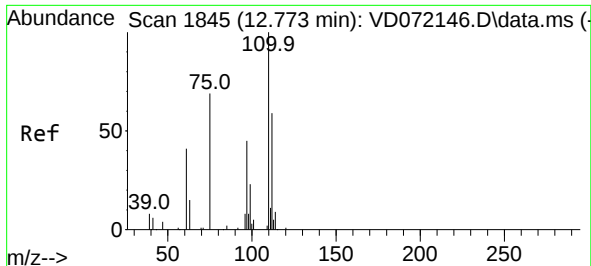
Tgt Ion:117 Resp: 829047
Ion Ratio Lower Upper
117 100
82 55.9 45.3 67.9
119 32.2 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072215.D
Acq: 16 Mar 2022 13:43

Tgt Ion:152 Resp: 389211
Ion Ratio Lower Upper
152 100
115 61.0 31.3 93.8
150 158.3 0.0 348.6

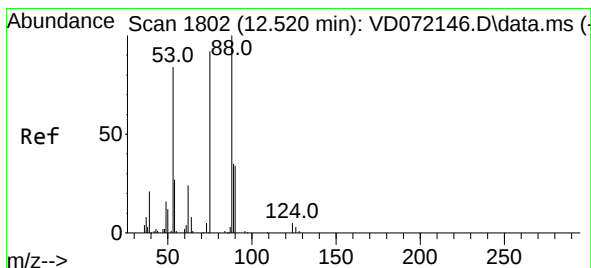
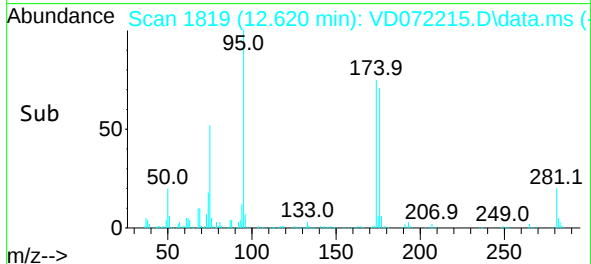
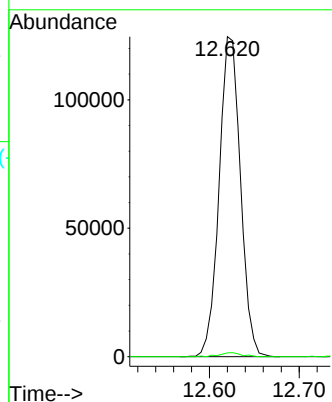
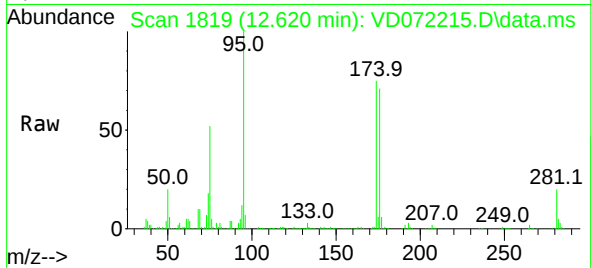




#76
1,2,3-Trichloropropane
Concen: 47.950 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD072215.D
Acq: 16 Mar 2022 13:43

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

Tgt Ion: 75 Resp: 205865
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 118.968 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD072215.D
Acq: 16 Mar 2022 13:43

Tgt Ion: 75 Resp: 205865
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 0.1 33.9 50.9#

