

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031622\
 Data File : VD072214.D
 Acq On : 16 Mar 2022 13:15
 Operator : VA/SY
 Sample : N1918-09
 Misc : 6.32G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Mar 16 15:00:42 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)

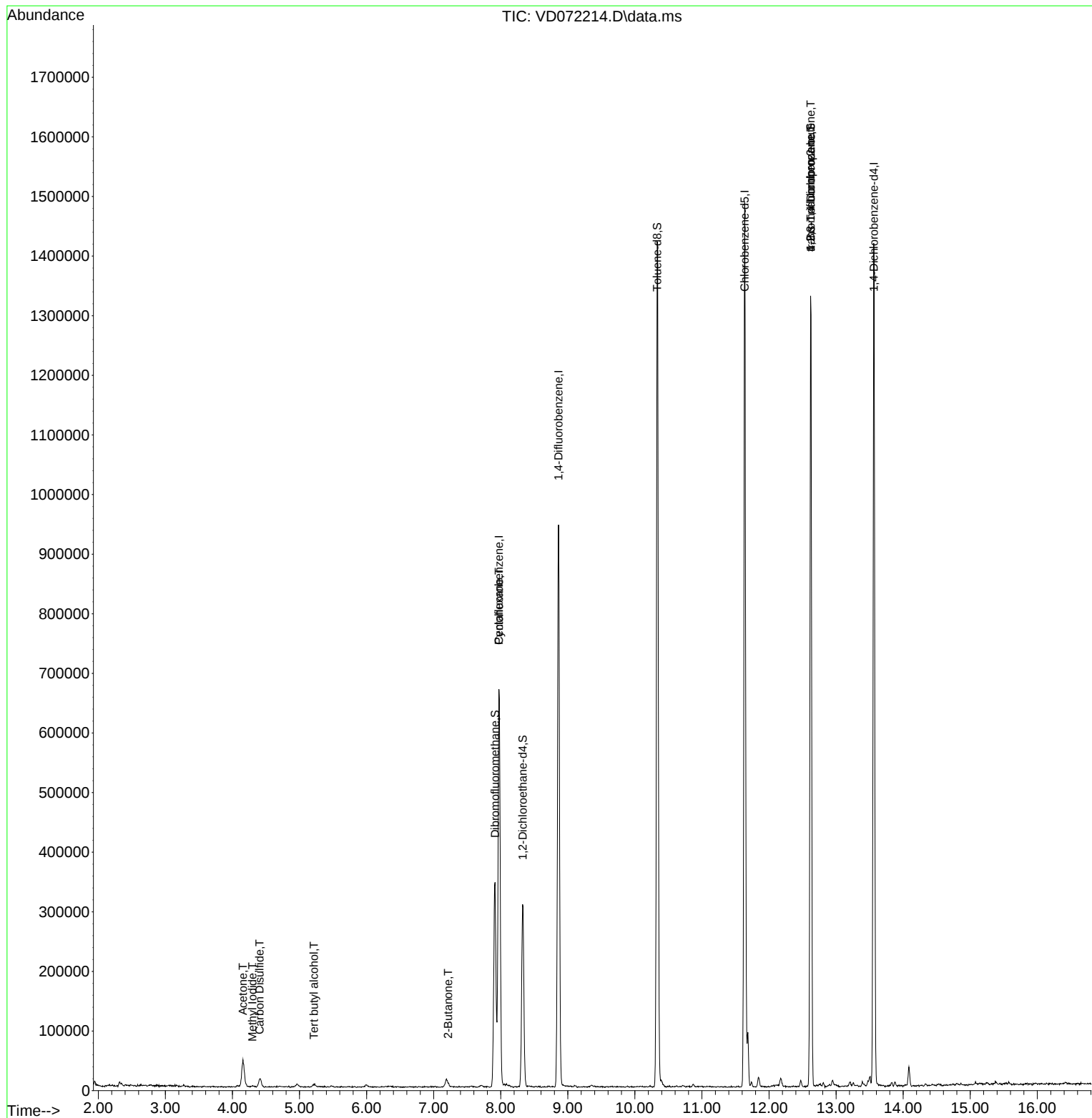
Internal Standards						
1) Pentafluorobenzene	7.973	168	497176	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	815417	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	833626	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	378568	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	250977	45.297	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.600%
35) Dibromofluoromethane	7.914	113	248250	43.263	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.520%
50) Toluene-d8	10.332	98	995512	47.447	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.900%
62) 4-Bromofluorobenzene	12.620	95	399783	49.038	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.080%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.297	142	930	2.401	ug/l #	75
11) Tert butyl alcohol	5.214	59	7481	23.287	ug/l	95
16) Acetone	4.156	43	81055	67.377	ug/l	92
17) Carbon Disulfide	4.403	76	29483	4.184	ug/l	97
20) Methylene Chloride	4.950	84	3493	Below Cal	#	51
25) 2-Butanone	7.214	43	2503	1.560	ug/l	99
31) Cyclohexane	7.973	56	11901	1.375	ug/l #	1
76) 1,2,3-Trichloropropane	12.620	75	206597	49.473	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	206597	122.748	ug/l #	7

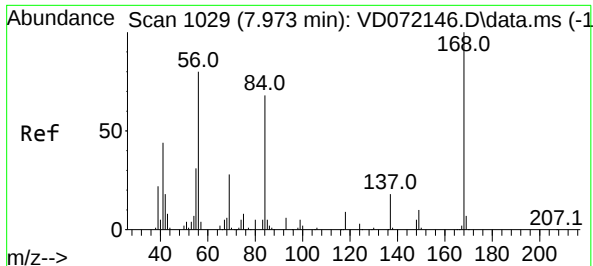
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

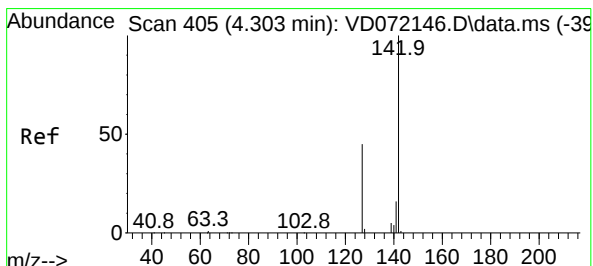
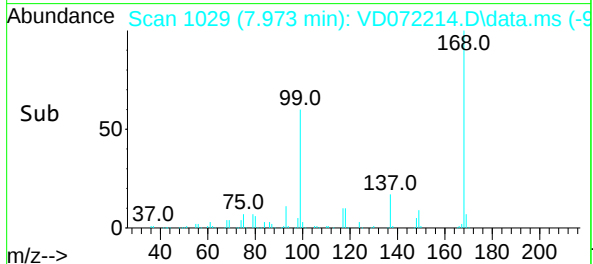
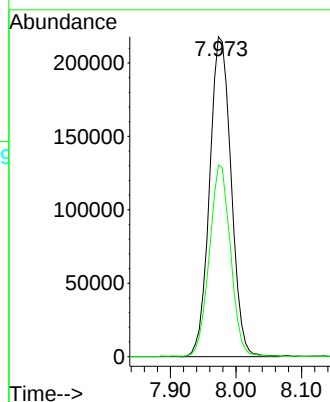
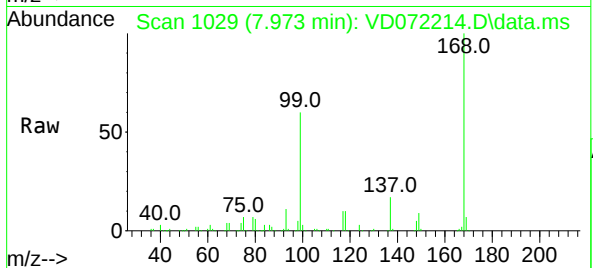




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072214.D
Acq: 16 Mar 2022 13:15

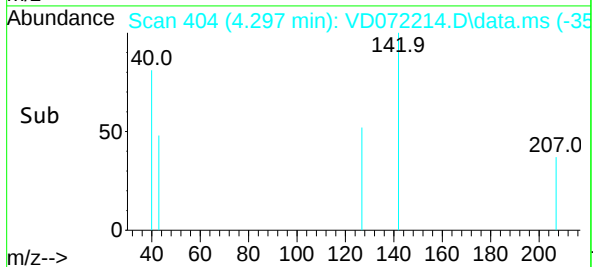
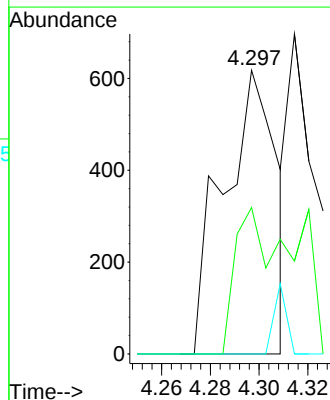
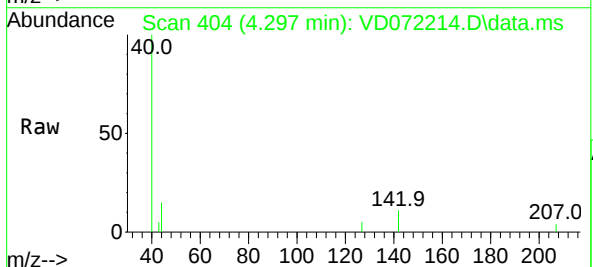
Instrument :
MSVOA_D
ClientSampleId :
JDSH-TB-STOCKPILE-A

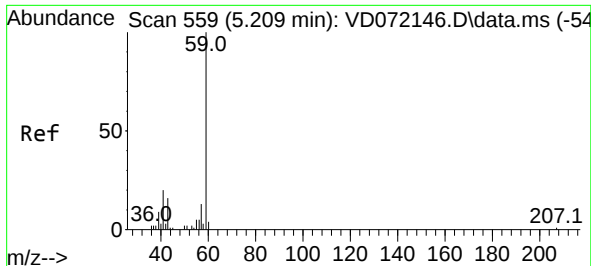
Tgt Ion:168 Resp: 497176
Ion Ratio Lower Upper
168 100
99 59.7 49.8 74.6



#10
Methyl Iodide
Concen: 2.401 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD072214.D
Acq: 16 Mar 2022 13:15

Tgt Ion:142 Resp: 930
Ion Ratio Lower Upper
142 100
127 29.1 37.3 55.9#
141 5.8 11.7 17.5#

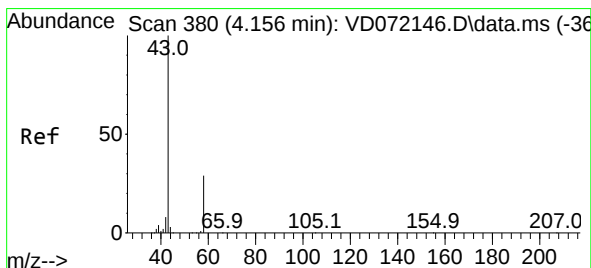
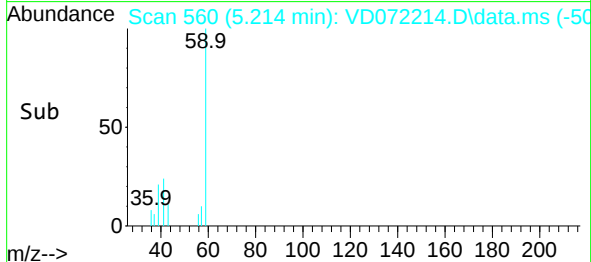
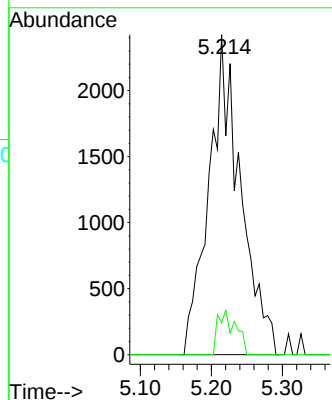
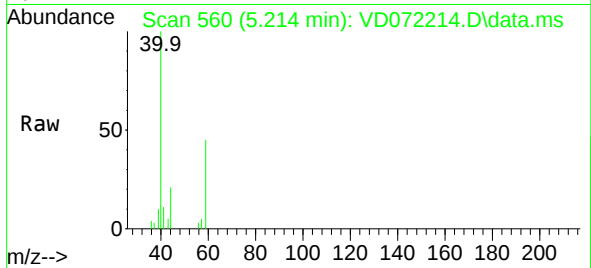




#11
Tert butyl alcohol
Concen: 23.287 ug/l
RT: 5.214 min Scan# 50
Delta R.T. 0.006 min
Lab File: VD072214.D
Acq: 16 Mar 2022 13:15

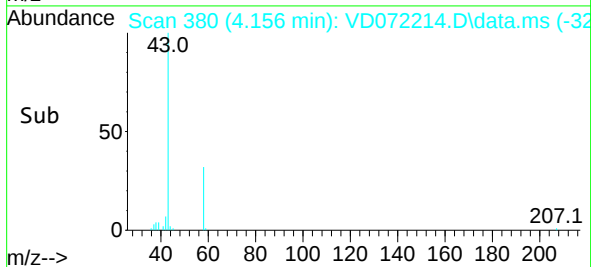
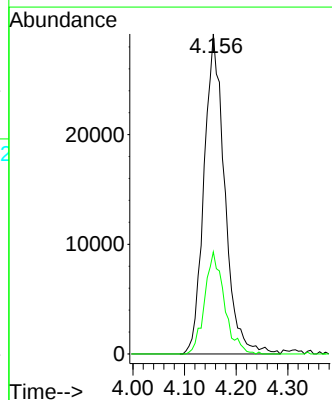
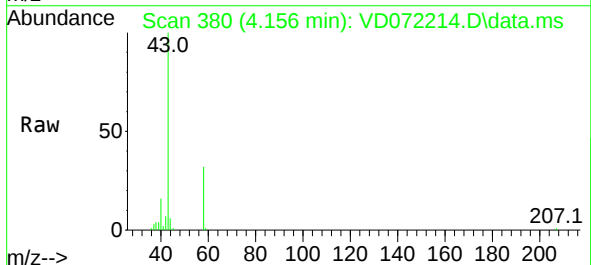
Instrument :
MSVOA_D
ClientSampleId :
JDSH-TB-STOCKPILE-A

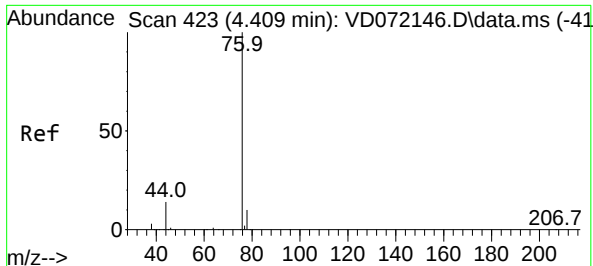
Tgt Ion: 59 Resp: 7481
Ion Ratio Lower Upper
59 100
57 7.8 7.8 11.6



#16
Acetone
Concen: 67.377 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD072214.D
Acq: 16 Mar 2022 13:15

Tgt Ion: 43 Resp: 81055
Ion Ratio Lower Upper
43 100
58 31.9 22.1 33.1

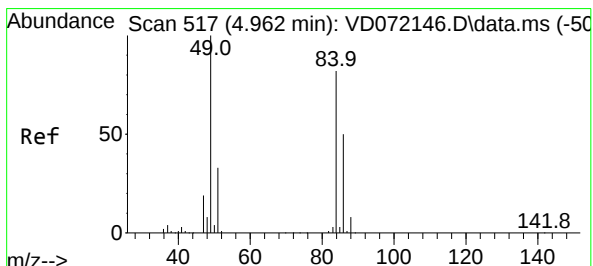
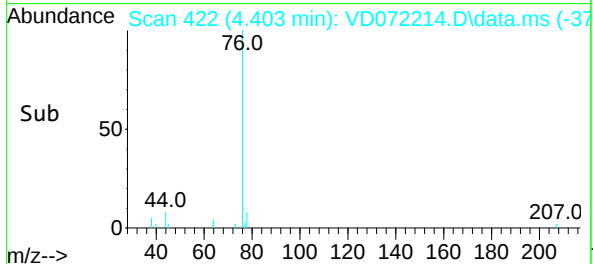
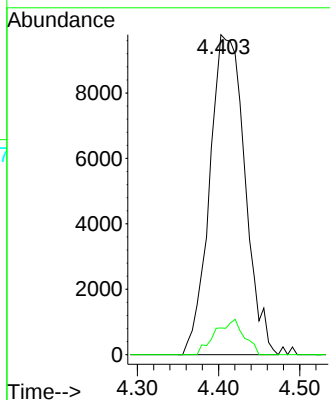
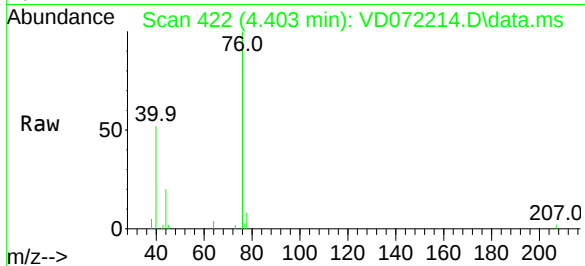




#17
Carbon Disulfide
Concen: 4.184 ug/l
RT: 4.403 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD072214.D
Acq: 16 Mar 2022 13:15

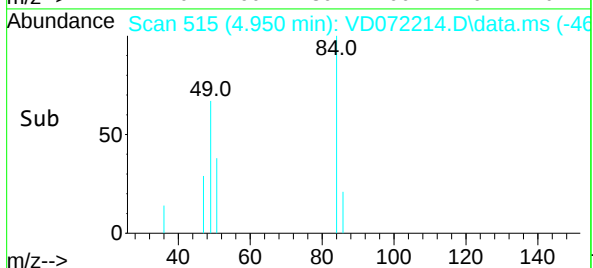
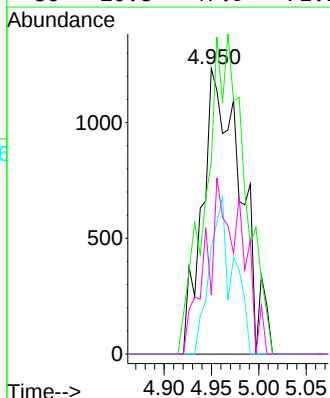
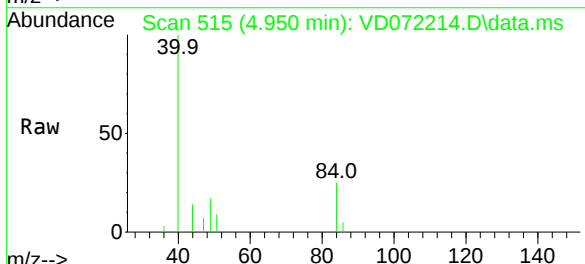
Instrument :
MSVOA_D
ClientSampleId :
JDSH-TB-STOCKPILE-A

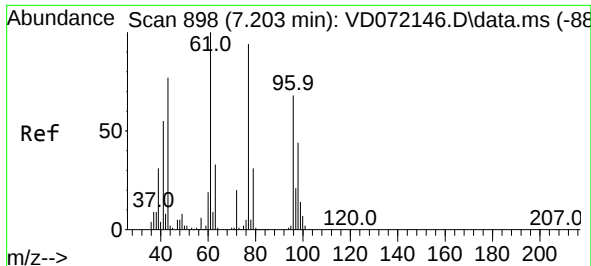
Tgt Ion: 76 Resp: 29483
Ion Ratio Lower Upper
76 100
78 8.3 7.5 11.3



#20
Methylene Chloride
Concen: Below Cal
RT: 4.950 min Scan# 515
Delta R.T. -0.012 min
Lab File: VD072214.D
Acq: 16 Mar 2022 13:15

Tgt Ion: 84 Resp: 3493
Ion Ratio Lower Upper
84 100
49 67.3 112.8 169.2#
51 37.6 32.6 48.8
86 20.8 47.9 71.9#

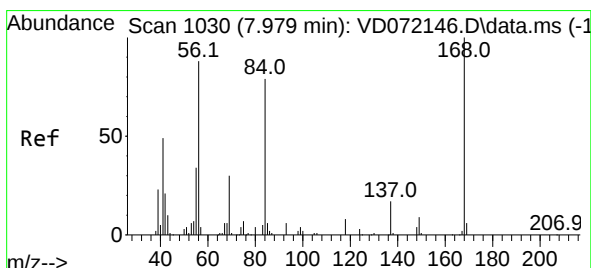
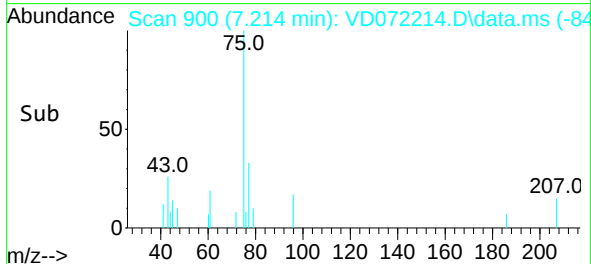
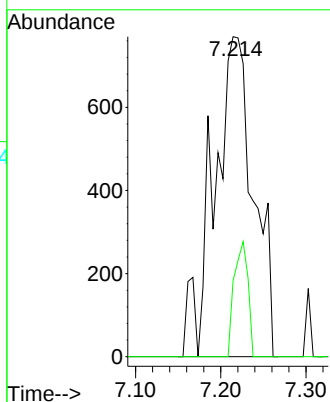
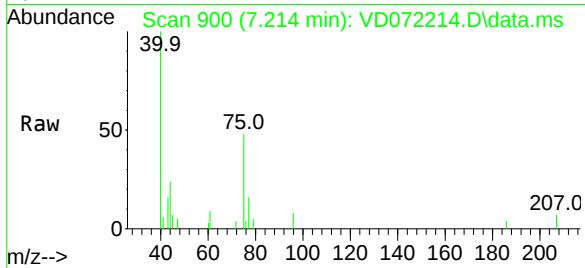




#25
2-Butanone
Concen: 1.560 ug/l
RT: 7.214 min Scan# 90
Delta R.T. 0.012 min
Lab File: VD072214.D
Acq: 16 Mar 2022 13:15

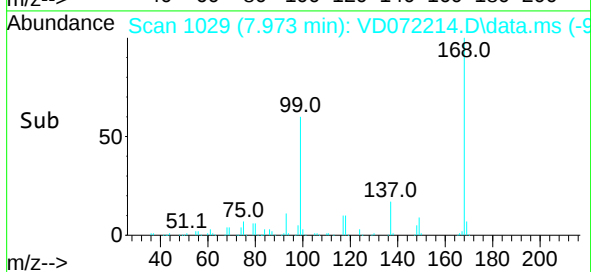
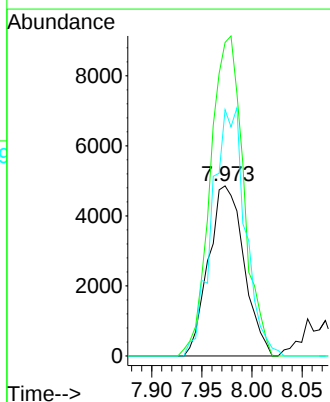
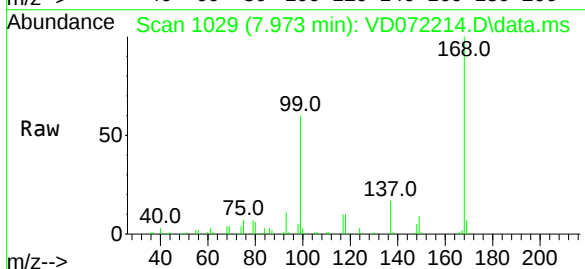
Instrument :
MSVOA_D
ClientSampleId :
JDSH-TB-STOCKPILE-A

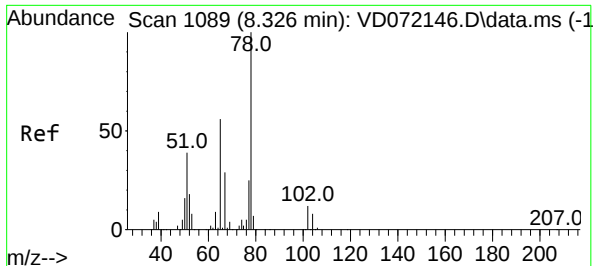
Tgt Ion: 43 Resp: 2503
Ion Ratio Lower Upper
43 100
72 23.8 18.6 27.8



#31
Cyclohexane
Concen: 1.375 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD072214.D
Acq: 16 Mar 2022 13:15

Tgt Ion: 56 Resp: 11901
Ion Ratio Lower Upper
56 100
69 184.2 25.4 38.2#
84 144.7 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 45.297 ug/l

RT: 8.326 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VD072214.D

Acq: 16 Mar 2022 13:15

Instrument :

MSVOA_D

ClientSampleId :

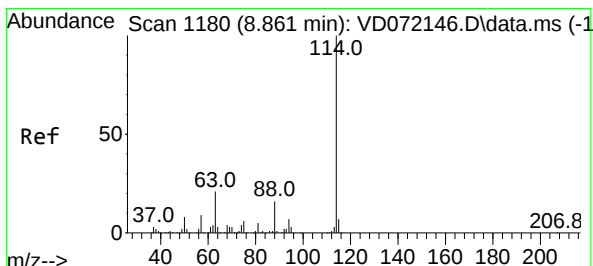
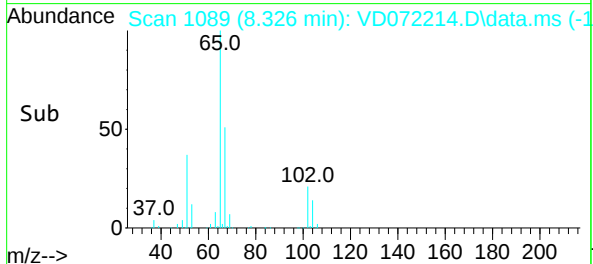
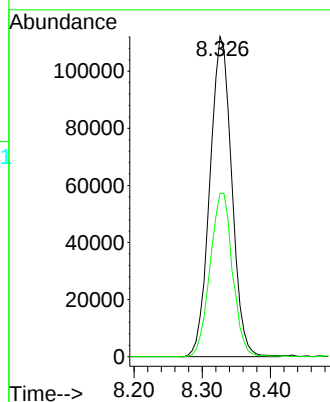
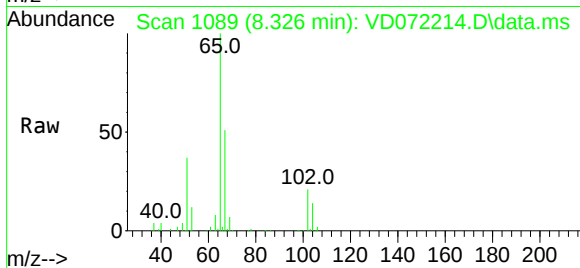
JDSH-TB-STOCKPILE-A

Tgt Ion: 65 Resp: 250977

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# 1180

Delta R.T. 0.000 min

Lab File: VD072214.D

Acq: 16 Mar 2022 13:15

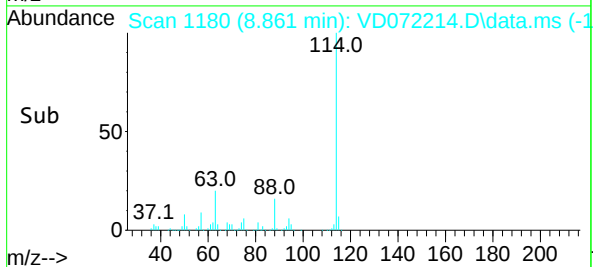
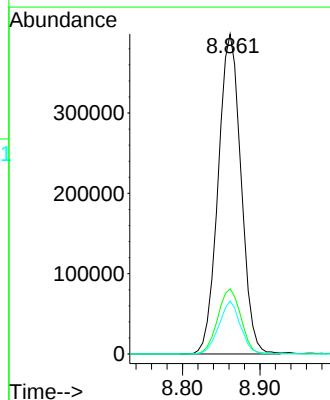
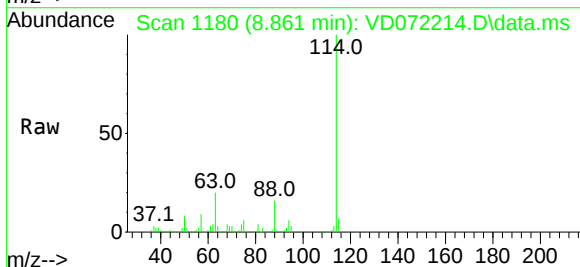
Tgt Ion: 114 Resp: 815417

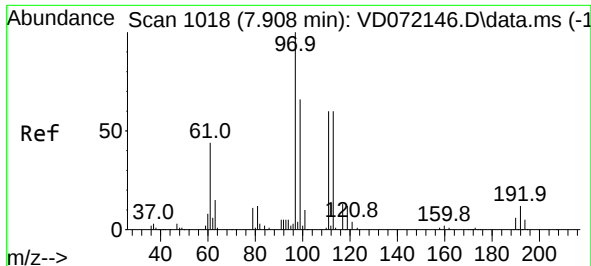
Ion Ratio Lower Upper

114 100

63 20.3 0.0 46.6

88 16.5 0.0 33.2





#35

Dibromofluoromethane

Concen: 43.263 ug/l

RT: 7.914 min Scan# 1018

Delta R.T. 0.006 min

Lab File: VD072214.D

Acq: 16 Mar 2022 13:15

Instrument :

MSVOA_D

ClientSampleId :

JDSH-TB-STOCKPILE-A

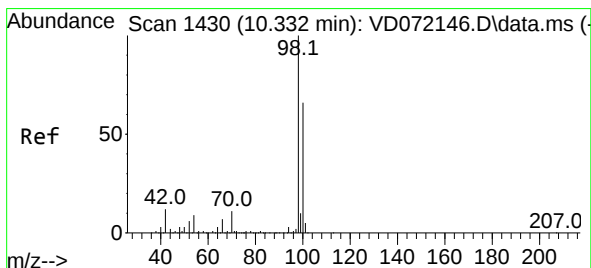
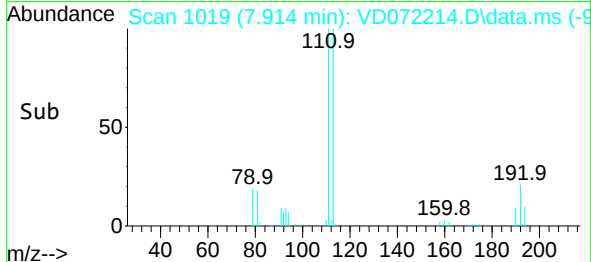
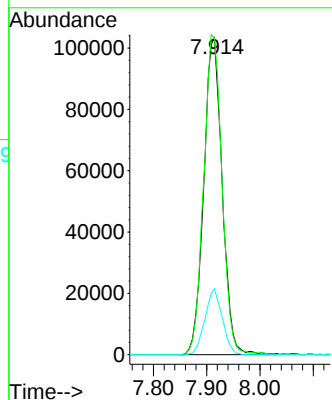
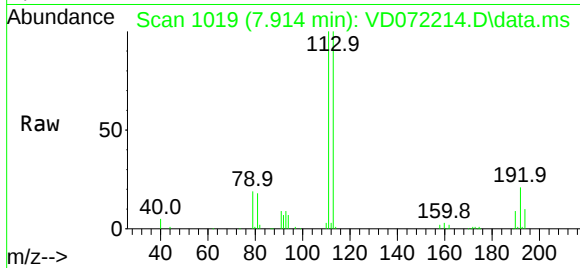
Tgt Ion:113 Resp: 248250

Ion Ratio Lower Upper

113 100

111 100.8 83.8 125.6

192 19.6 14.6 21.8



#50

Toluene-d8

Concen: 47.447 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VD072214.D

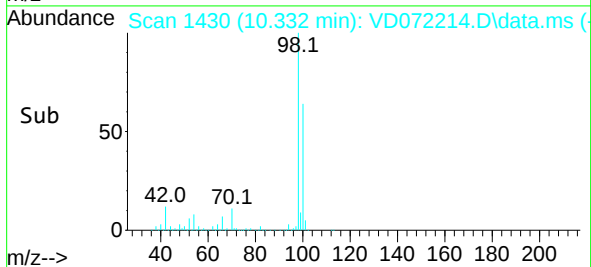
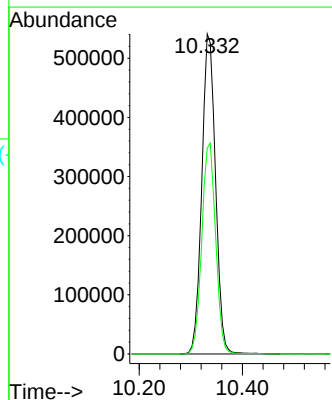
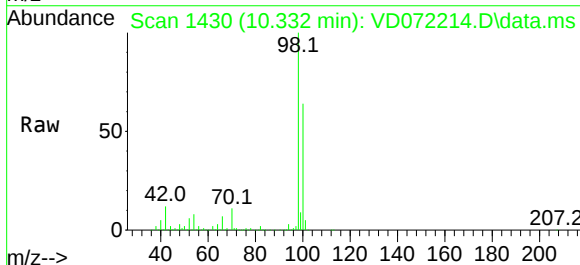
Acq: 16 Mar 2022 13:15

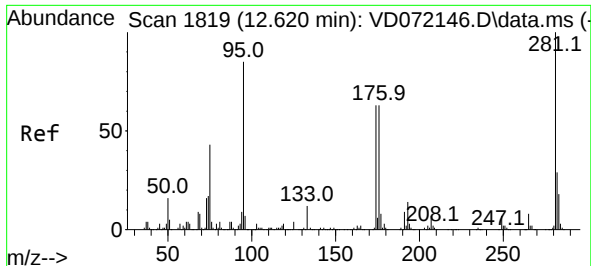
Tgt Ion: 98 Resp: 995512

Ion Ratio Lower Upper

98 100

100 66.7 52.4 78.6

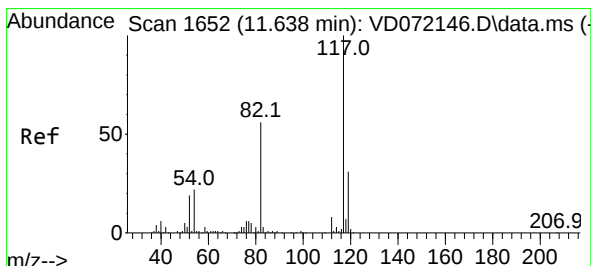
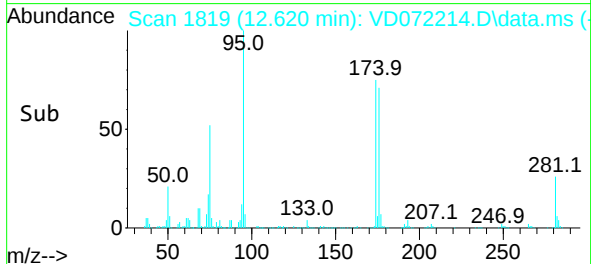
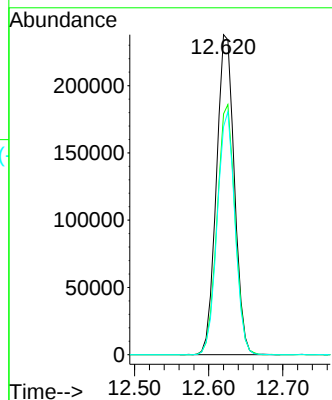
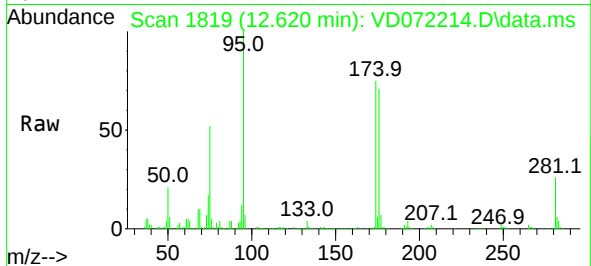




#62
4-Bromofluorobenzene
Concen: 49.038 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072214.D
Acq: 16 Mar 2022 13:15

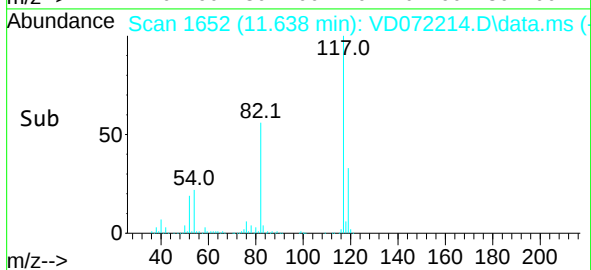
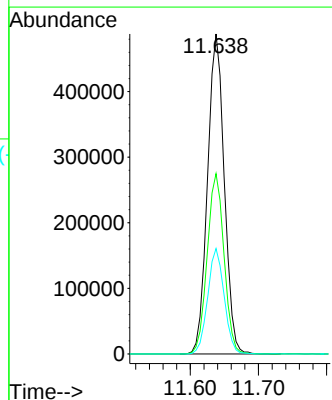
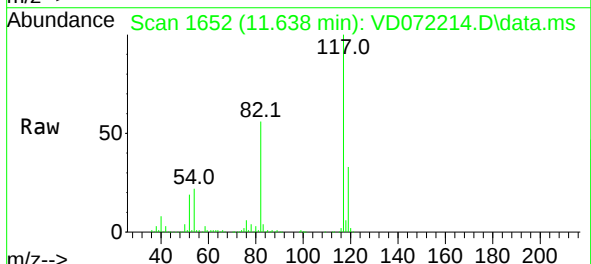
Instrument :
MSVOA_D
ClientSampleId :
JDSH-TB-STOCKPILE-A

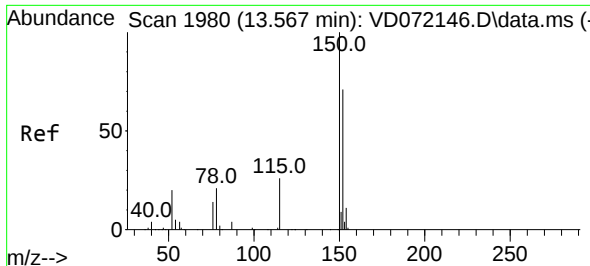
Tgt Ion: 95 Resp: 399783
Ion Ratio Lower Upper
95 100
174 78.0 0.0 152.8
176 74.8 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072214.D
Acq: 16 Mar 2022 13:15

Tgt Ion: 117 Resp: 833626
Ion Ratio Lower Upper
117 100
82 56.4 45.3 67.9
119 32.9 26.6 40.0

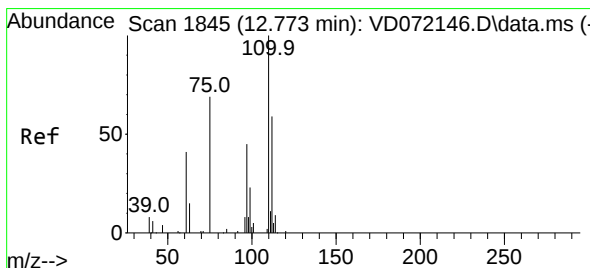
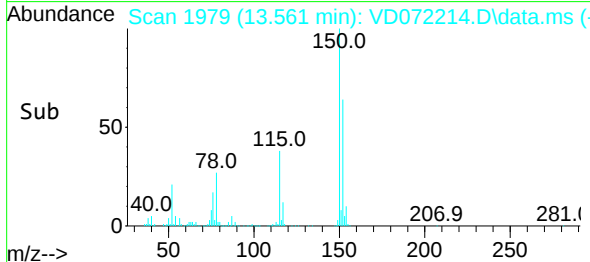
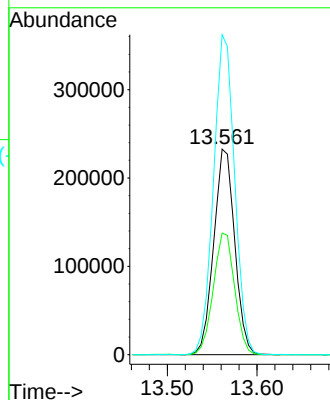
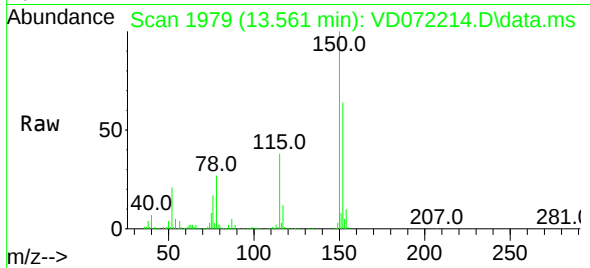




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1819
 Delta R.T. -0.006 min
 Lab File: VD072214.D
 Acq: 16 Mar 2022 13:15

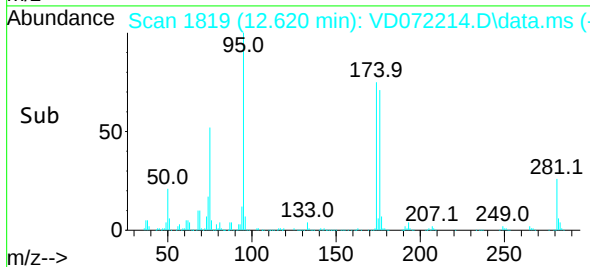
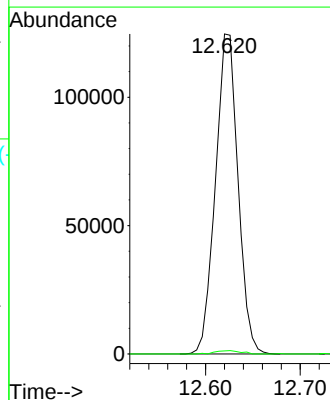
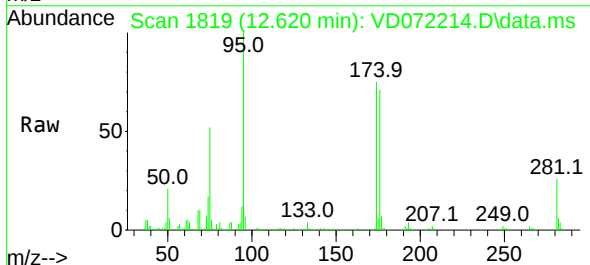
Instrument :
 MSVOA_D
 ClientSampleId :
 JDSH-TB-STOCKPILE-A

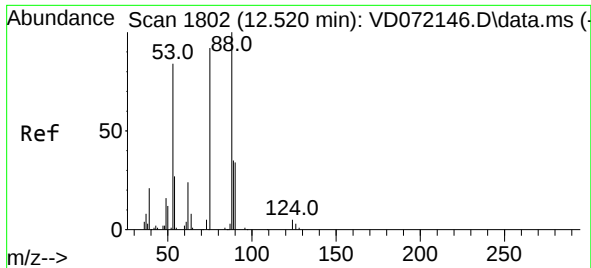
Tgt Ion:152 Resp: 378568
 Ion Ratio Lower Upper
 152 100
 115 59.9 31.3 93.8
 150 156.8 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 49.473 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.153 min
 Lab File: VD072214.D
 Acq: 16 Mar 2022 13:15

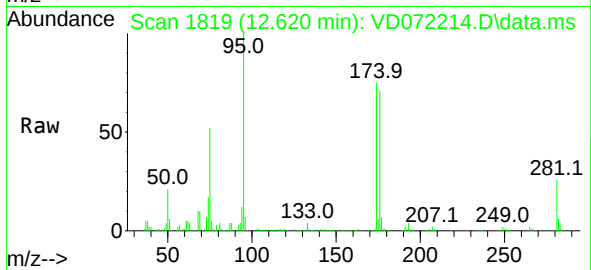
Tgt Ion: 75 Resp: 206597
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 122.748 ug/l
 RT: 12.620 min Scan# 11
 Delta R.T. 0.100 min
 Lab File: VD072214.D
 Acq: 16 Mar 2022 13:15

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



Tgt Ion: 75 Resp: 206597
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.5 129.7#
 89 0.4 33.9 50.9#

