

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030121\
 Data File : VD068482.D
 Acq On : 01 Mar 2021 16:42
 Operator : VA/SY
 Sample : M1526-01RE
 Misc : 7.67G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 STOCK-PILE

Quant Time: Mar 01 20:48:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 26 14:04:14 2021
 Response via : Initial Calibration

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

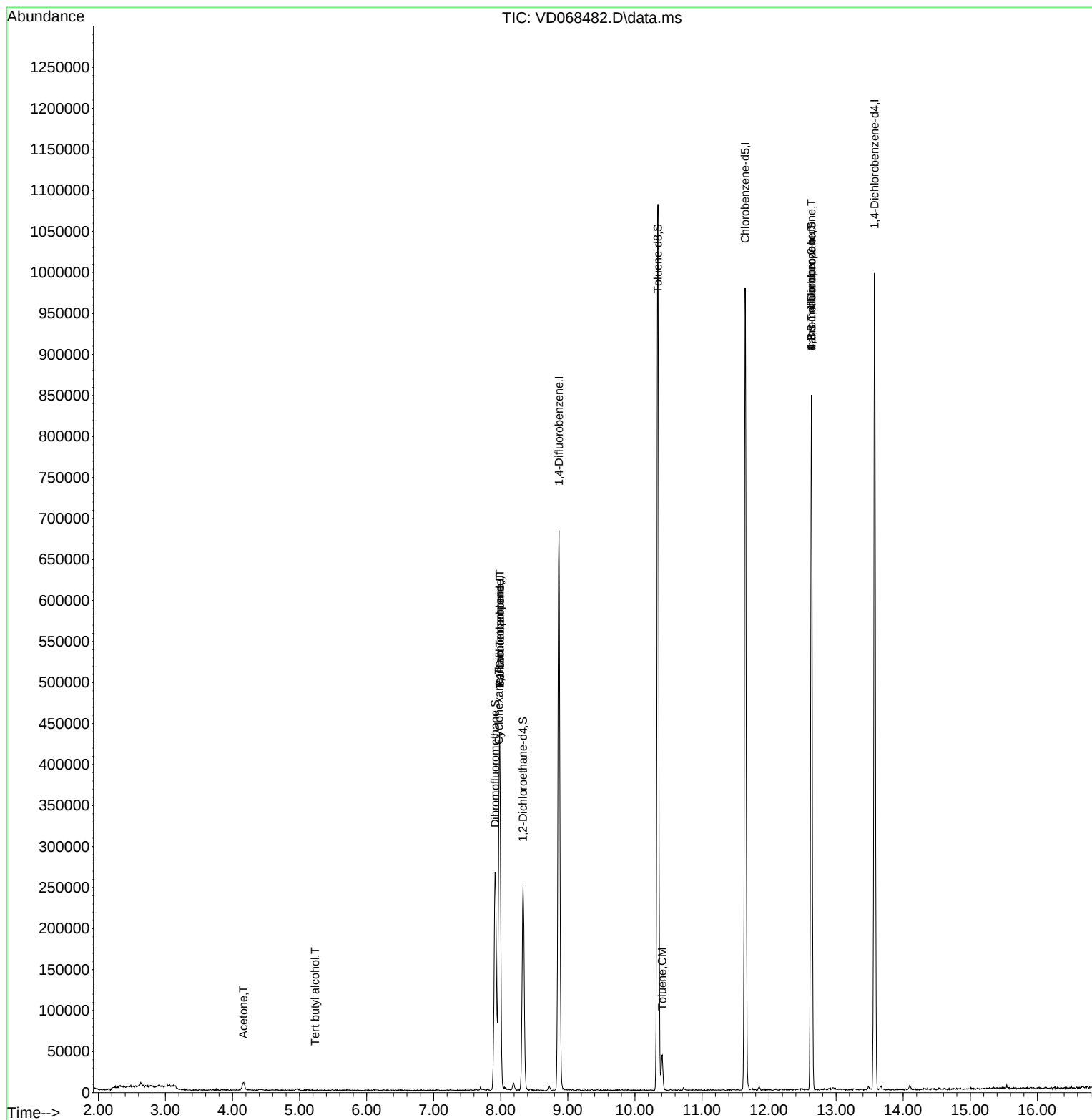
Internal Standards						
1) Pentafluorobenzene	7.985	168	336569	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	625211	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	607307	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	274318	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	194863	57.95	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 115.90%			
35) Dibromofluoromethane	7.914	113	195679	51.96	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.92%			
50) Toluene-d8	10.344	98	775523	51.70	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.40%			
62) 4-Bromofluorobenzene	12.632	95	260253	53.83	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 107.66%			
Target Compounds						Qvalue
11) Tert butyl alcohol	5.232	59	280	1.56	ug/l #	74
16) Acetone	4.162	43	16824	31.50	ug/l	97
20) Methylene Chloride	4.967	84	1535	Below Cal	#	79
31) Cyclohexane	7.973	56	8215	1.34	ug/l #	52
36) 1,1-Dichloropropene	7.985	75	27326	4.60	ug/l #	46
38) Carbon Tetrachloride	7.985	117	33832	6.06	ug/l #	15
52) Toluene	10.408	92	17307	1.59	ug/l	97
76) 1,2,3-Trichloropropane	12.632	75	129862	53.33	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	129862	124.44	ug/l #	14

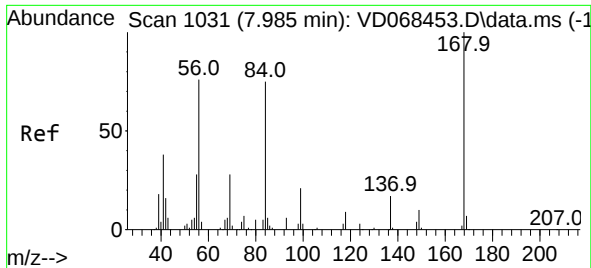
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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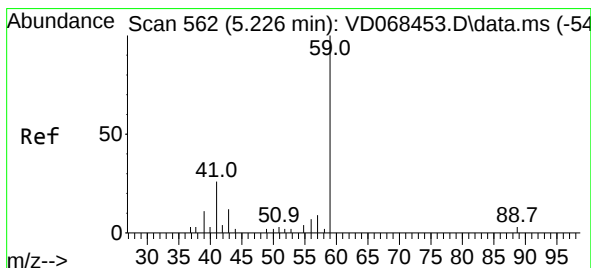
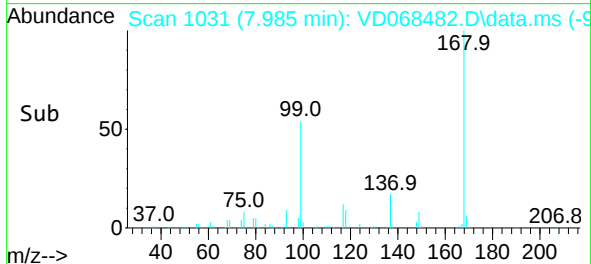
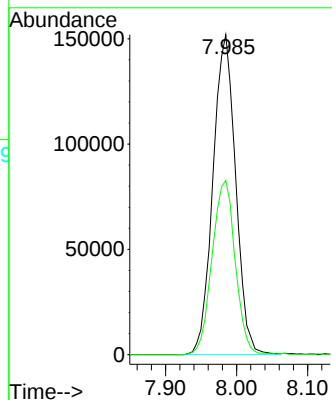
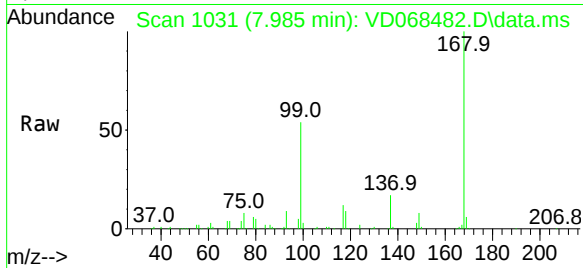




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068482.D
Acq: 01 Mar 2021 16:42

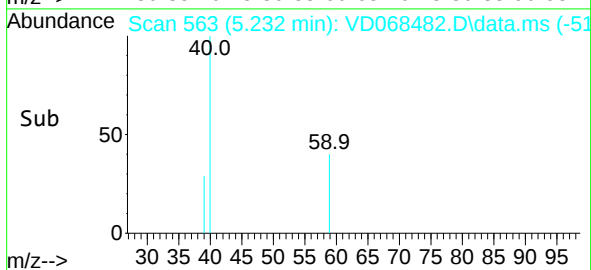
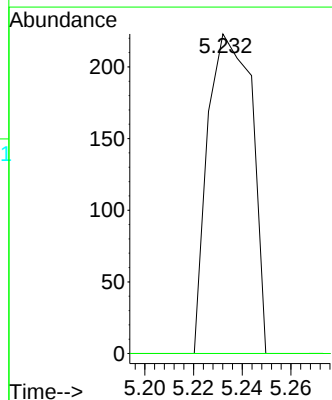
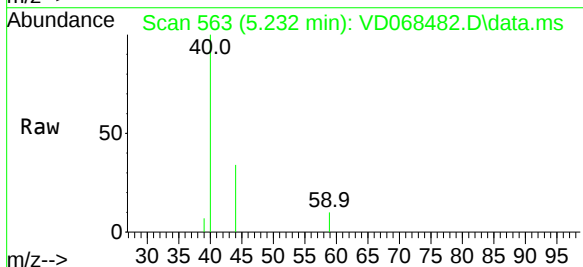
Instrument :
MSVOA_D
ClientSampleId :
STOCK-PILE

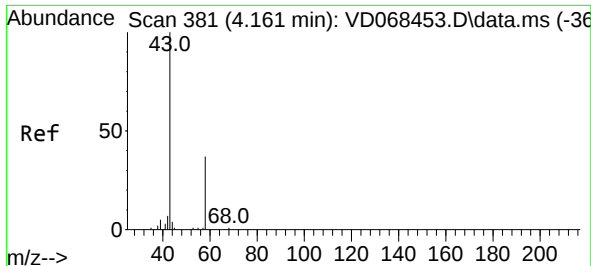
Tgt Ion:168 Resp: 336569
Ion Ratio Lower Upper
168 100
99 54.5 43.5 65.3



#11
Tert butyl alcohol
Concen: 1.56 ug/l
RT: 5.232 min Scan# 563
Delta R.T. 0.006 min
Lab File: VD068482.D
Acq: 01 Mar 2021 16:42

Tgt Ion: 59 Resp: 280
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

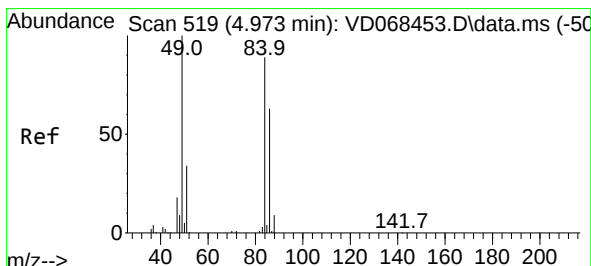
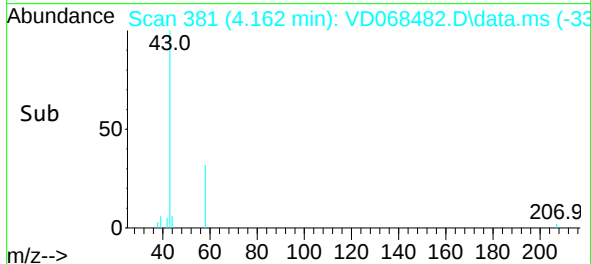
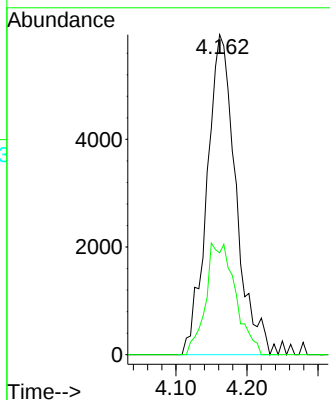
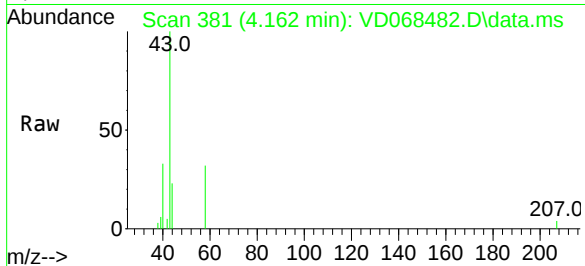




#16
Acetone
Concen: 31.50 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD068482.D
Acq: 01 Mar 2021 16:42

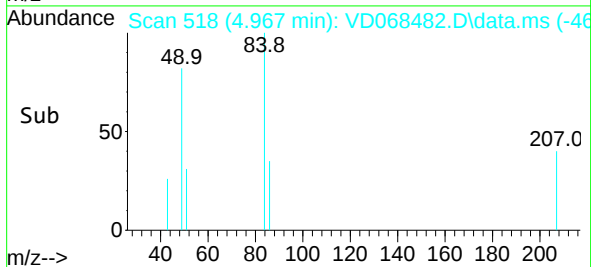
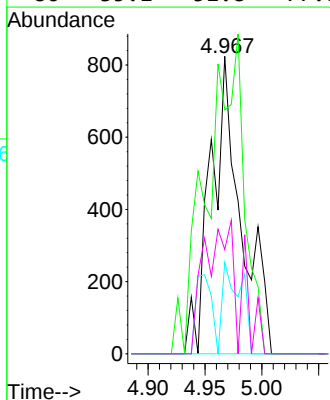
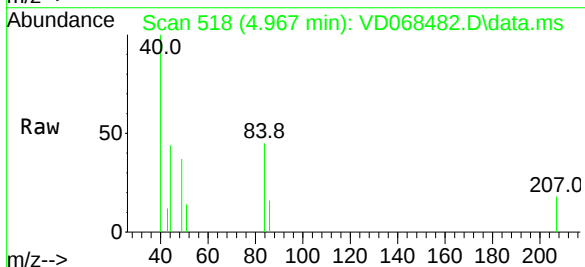
Instrument :
MSVOA_D
ClientSampled :
STOCK-PILE

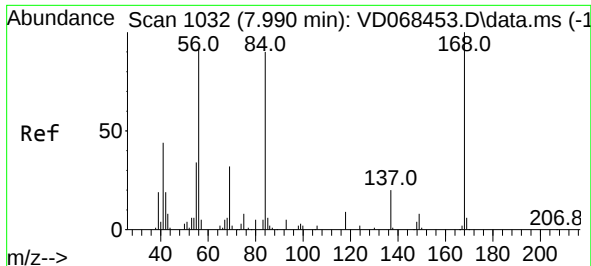
Tgt Ion: 43 Resp: 16824
Ion Ratio Lower Upper
43 100
58 31.8 24.2 36.4



#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. -0.006 min
Lab File: VD068482.D
Acq: 01 Mar 2021 16:42

Tgt Ion: 84 Resp: 1535
Ion Ratio Lower Upper
84 100
49 82.0 77.4 116.2
51 30.7 26.1 39.1
86 35.1 51.8 77.8#

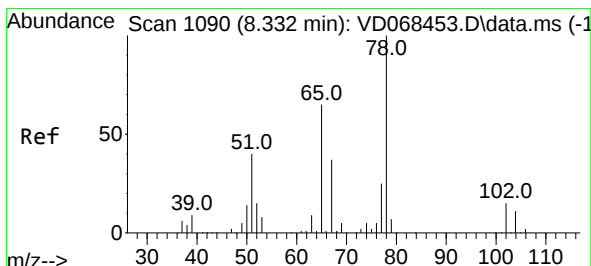
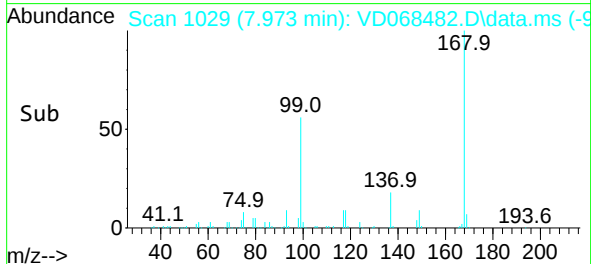
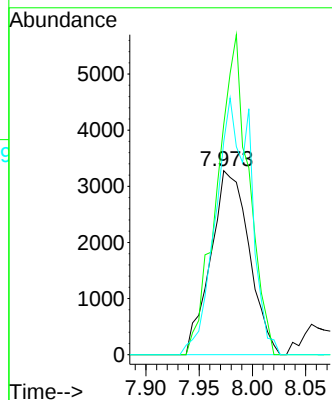
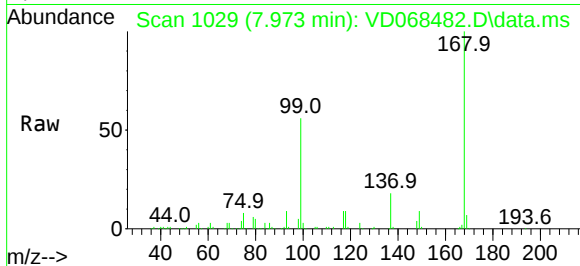




#31
Cyclohexane
Concen: 1.34 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.017 min
Lab File: VD068482.D
Acq: 01 Mar 2021 16:42

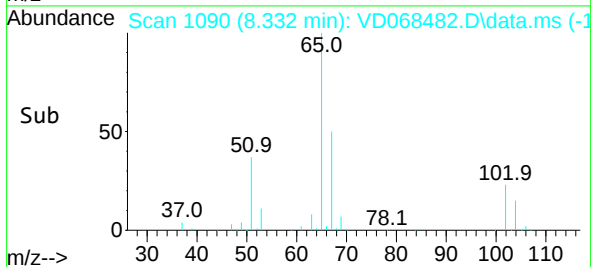
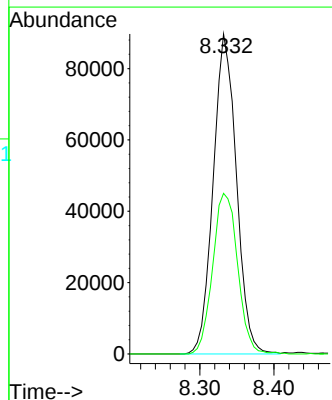
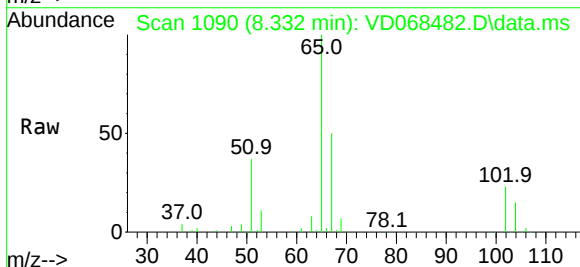
Instrument :
MSVOA_D
ClientSampleId :
STOCK-PILE

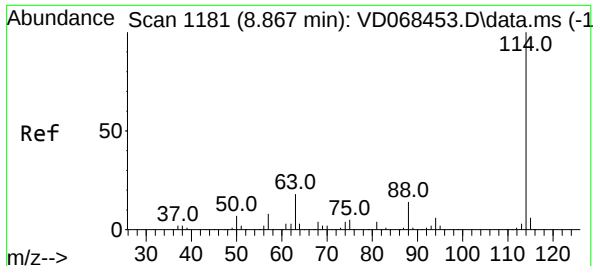
Tgt Ion: 56 Resp: 8215
Ion Ratio Lower Upper
56 100
69 125.0 30.1 45.1#
84 115.6 82.1 123.1



#33
1,2-Dichloroethane-d4
Concen: 57.95 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068482.D
Acq: 01 Mar 2021 16:42

Tgt Ion: 65 Resp: 194863
Ion Ratio Lower Upper
65 100
67 54.0 0.0 105.0

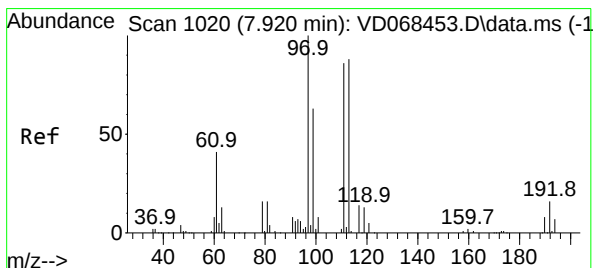
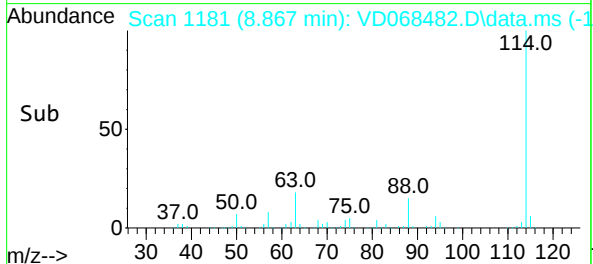
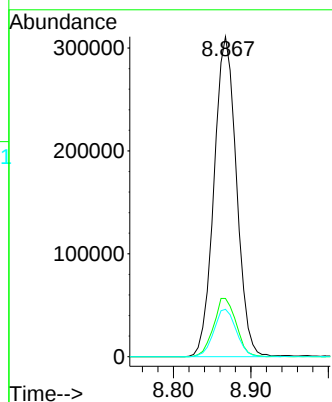
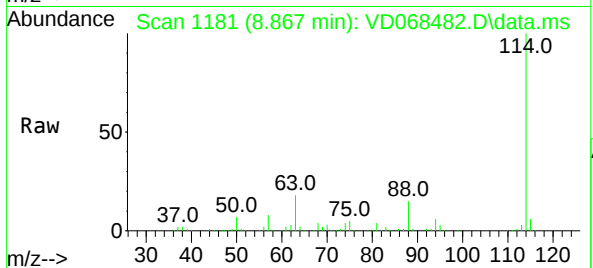




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068482.D
Acq: 01 Mar 2021 16:42

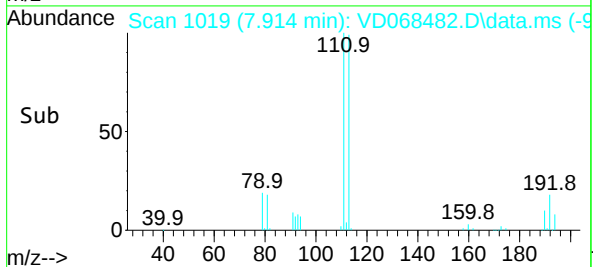
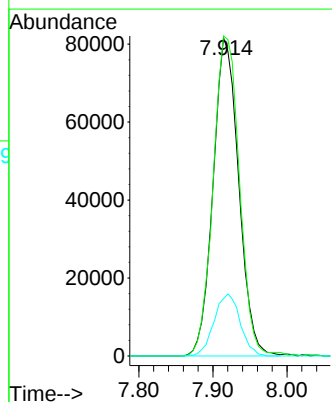
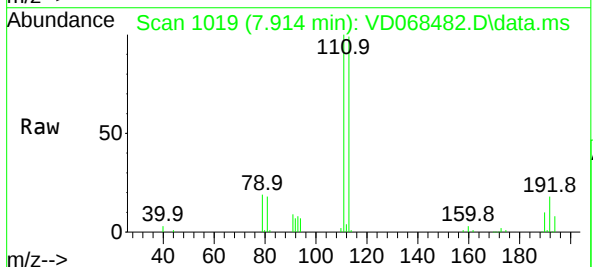
Instrument :
MSVOA_D
ClientSampleId :
STOCK-PILE

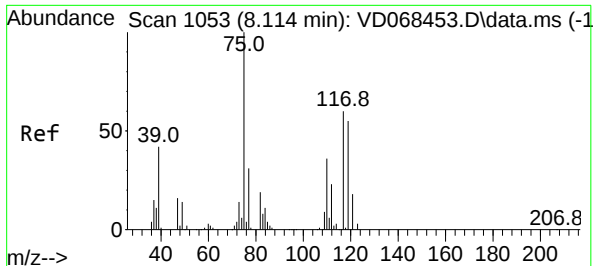
Tgt Ion:114 Resp: 625211
Ion Ratio Lower Upper
114 100
63 18.2 0.0 34.8
88 14.8 0.0 31.6



#35
Dibromofluoromethane
Concen: 51.96 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068482.D
Acq: 01 Mar 2021 16:42

Tgt Ion:113 Resp: 195679
Ion Ratio Lower Upper
113 100
111 103.5 81.4 122.0
192 19.8 16.1 24.1

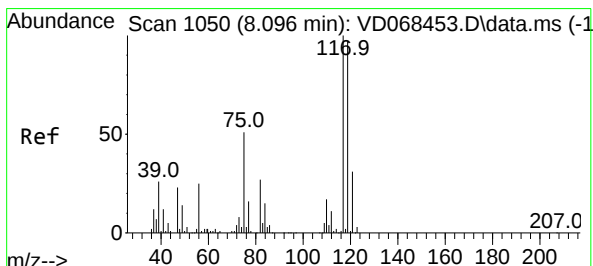
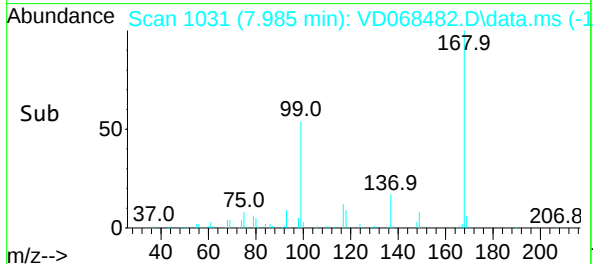
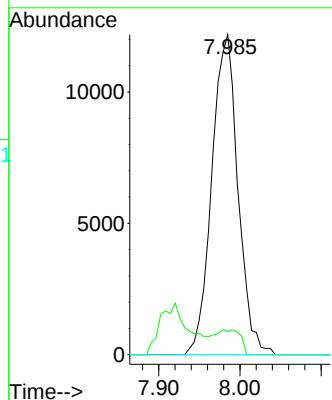
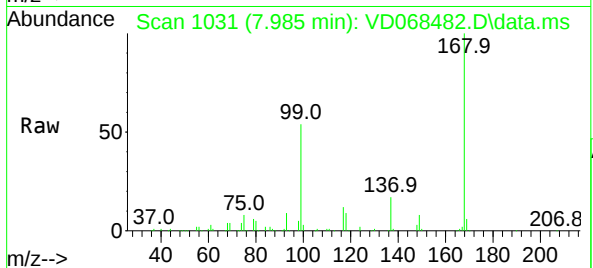




#36
1,1-Dichloropropene
Concen: 4.60 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.129 min
Lab File: VD068482.D
Acq: 01 Mar 2021 16:42

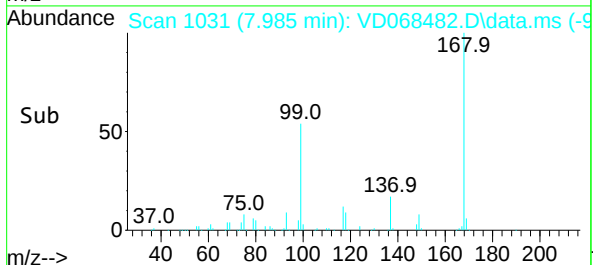
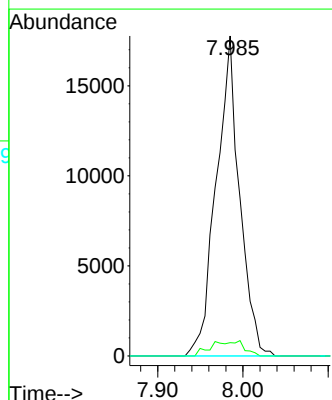
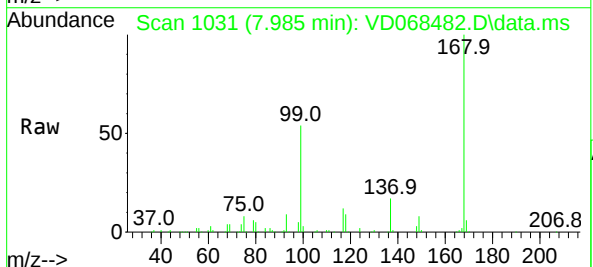
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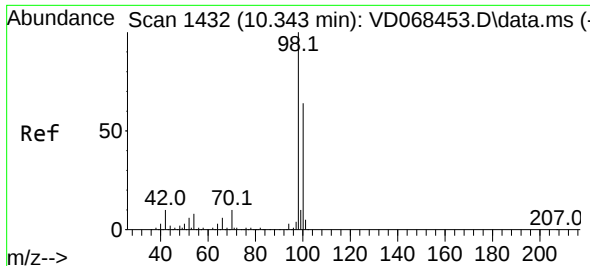
Tgt Ion: 75 Resp: 27326
Ion Ratio Lower Upper
75 100
110 7.6 19.4 58.2#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.06 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.111 min
Lab File: VD068482.D
Acq: 01 Mar 2021 16:42

Tgt Ion: 117 Resp: 33832
Ion Ratio Lower Upper
117 100
119 4.2 77.3 115.9#
121 0.0 24.7 37.1#

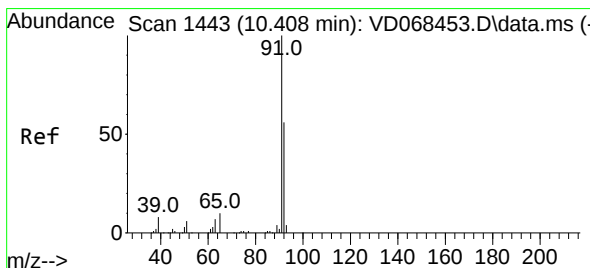
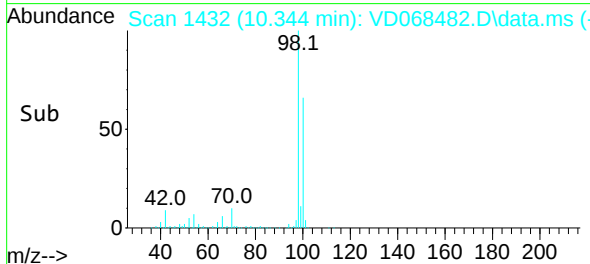
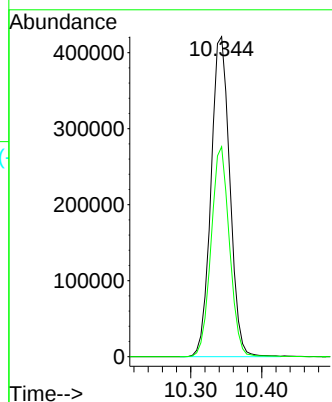
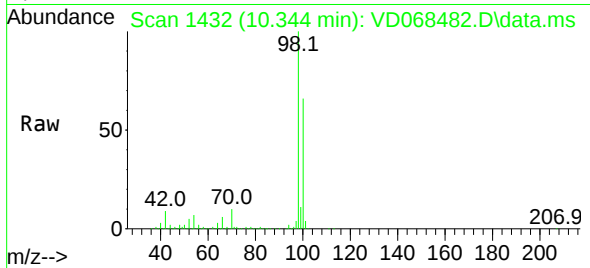




#50
Toluene-d8
Concen: 51.70 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068482.D
Acq: 01 Mar 2021 16:42

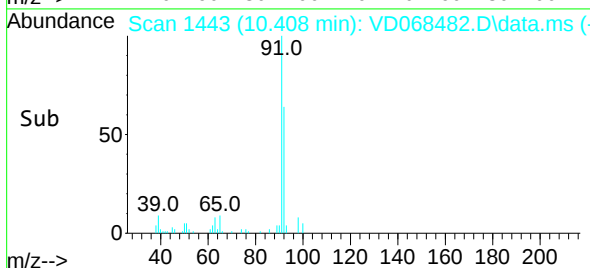
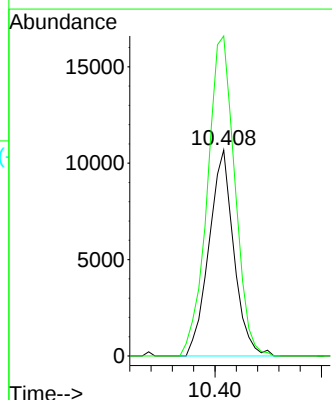
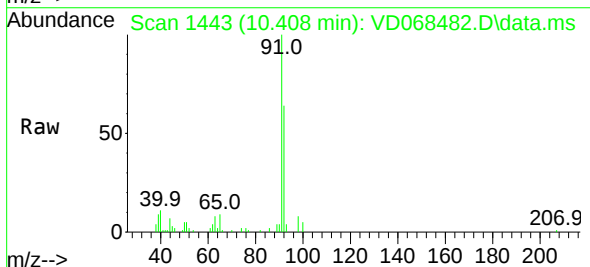
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STOCK-PILE

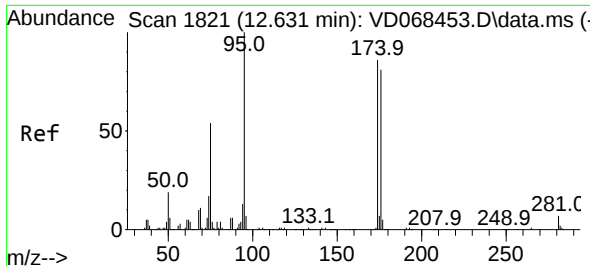
Tgt Ion: 98 Resp: 775523
Ion Ratio Lower Upper
98 100
100 64.1 53.0 79.4



#52
Toluene
Concen: 1.59 ug/l
RT: 10.408 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VD068482.D
Acq: 01 Mar 2021 16:42

Tgt Ion: 92 Resp: 17307
Ion Ratio Lower Upper
92 100
91 171.5 134.1 201.1

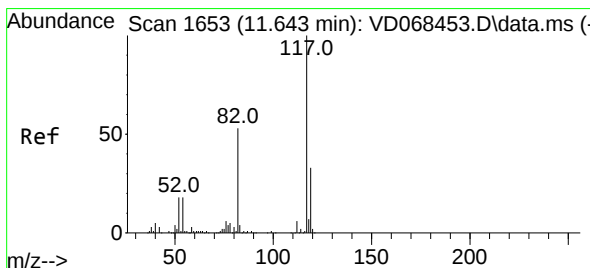
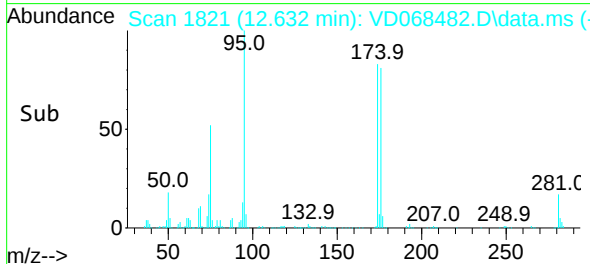
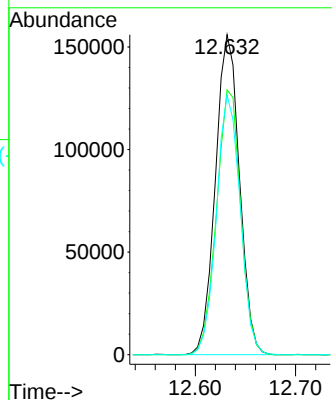
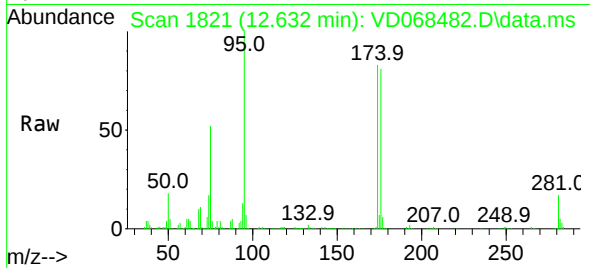




#62
4-Bromofluorobenzene
Concen: 53.83 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068482.D
Acq: 01 Mar 2021 16:42

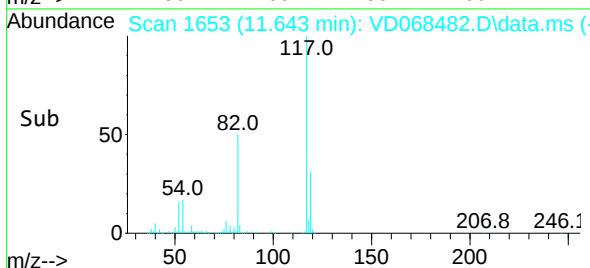
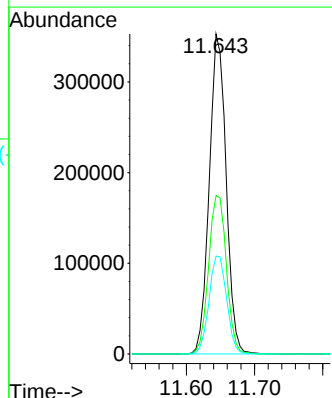
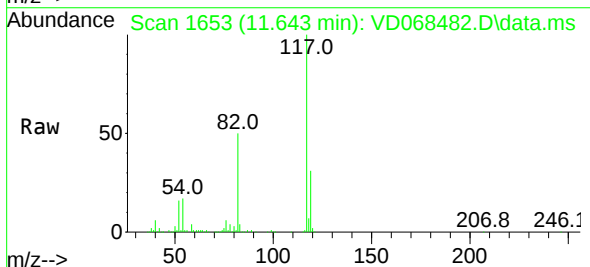
Instrument :
MSVOA_D
ClientSampleId :
STOCK-PILE

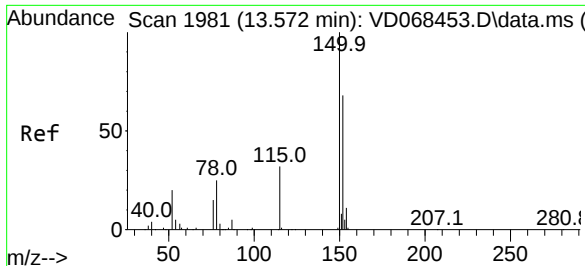
Tgt Ion: 95 Resp: 260253
Ion Ratio Lower Upper
95 100
174 82.9 0.0 172.4
176 80.1 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068482.D
Acq: 01 Mar 2021 16:42

Tgt Ion: 117 Resp: 607307
Ion Ratio Lower Upper
117 100
82 49.5 41.4 62.0
119 30.6 26.1 39.1

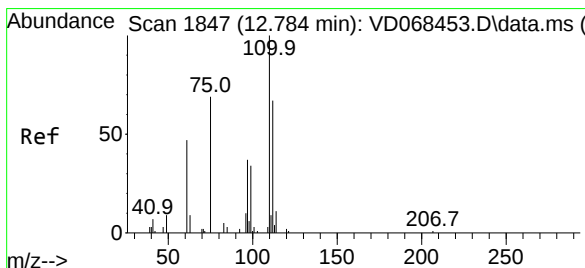
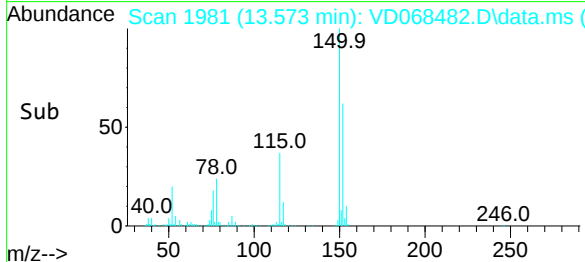
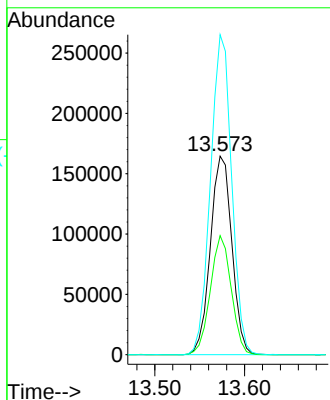
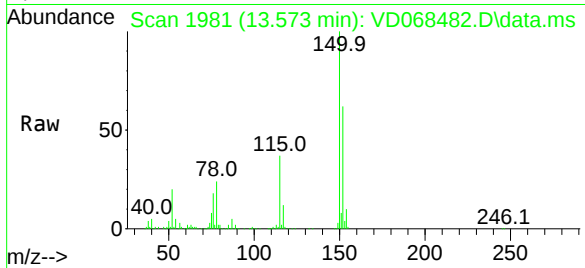




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068482.D
Acq: 01 Mar 2021 16:42

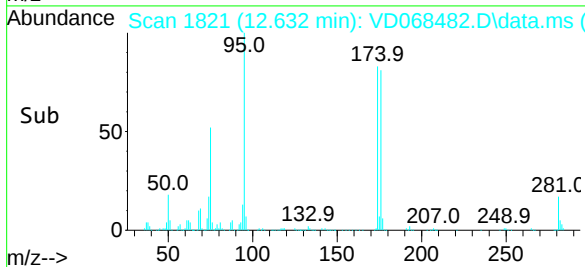
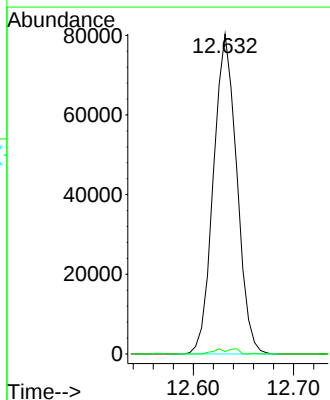
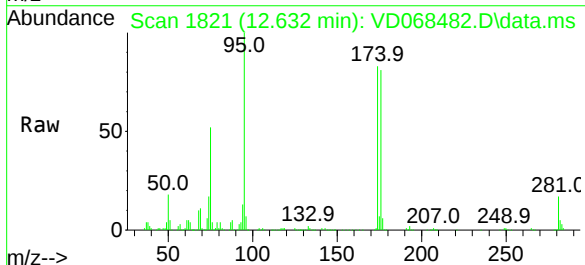
Instrument :
MSVOA_D
ClientSampleId :
STOCK-PILE

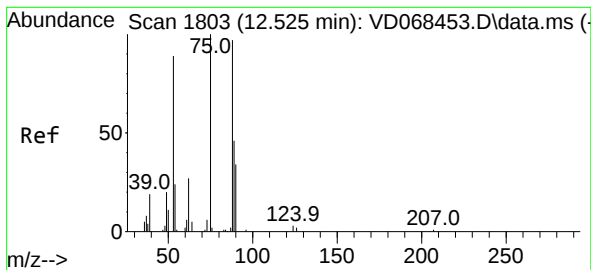
Tgt Ion:152 Resp: 274318
Ion Ratio Lower Upper
152 100
115 58.0 28.9 86.8
150 158.3 0.0 344.4



#76
1,2,3-Trichloropropane
Concen: 53.33 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.152 min
Lab File: VD068482.D
Acq: 01 Mar 2021 16:42

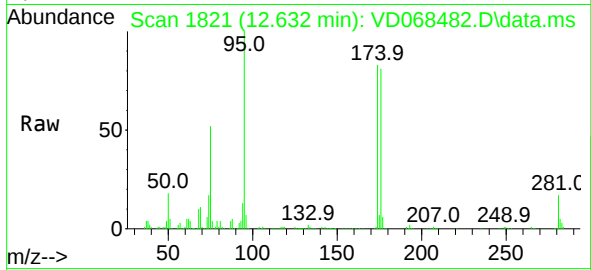
Tgt Ion: 75 Resp: 129862
Ion Ratio Lower Upper
75 100
77 0.8 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 124.44 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068482.D
 Acq: 01 Mar 2021 16:42

Instrument :
 MSVOA_D
 ClientSampleId :
 STOCK-PILE



Tgt Ion: 75 Resp: 129862
 Ion Ratio Lower Upper
 75 100
 53 0.0 70.2 105.2#
 89 0.2 40.3 60.5#

