

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030121\
 Data File : VD068479.D
 Acq On : 01 Mar 2021 14:50
 Operator : VA/SY
 Sample : M1526-01
 Misc : 7.20G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 STOCK-PILE

Quant Time: Mar 01 20:47:31 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)

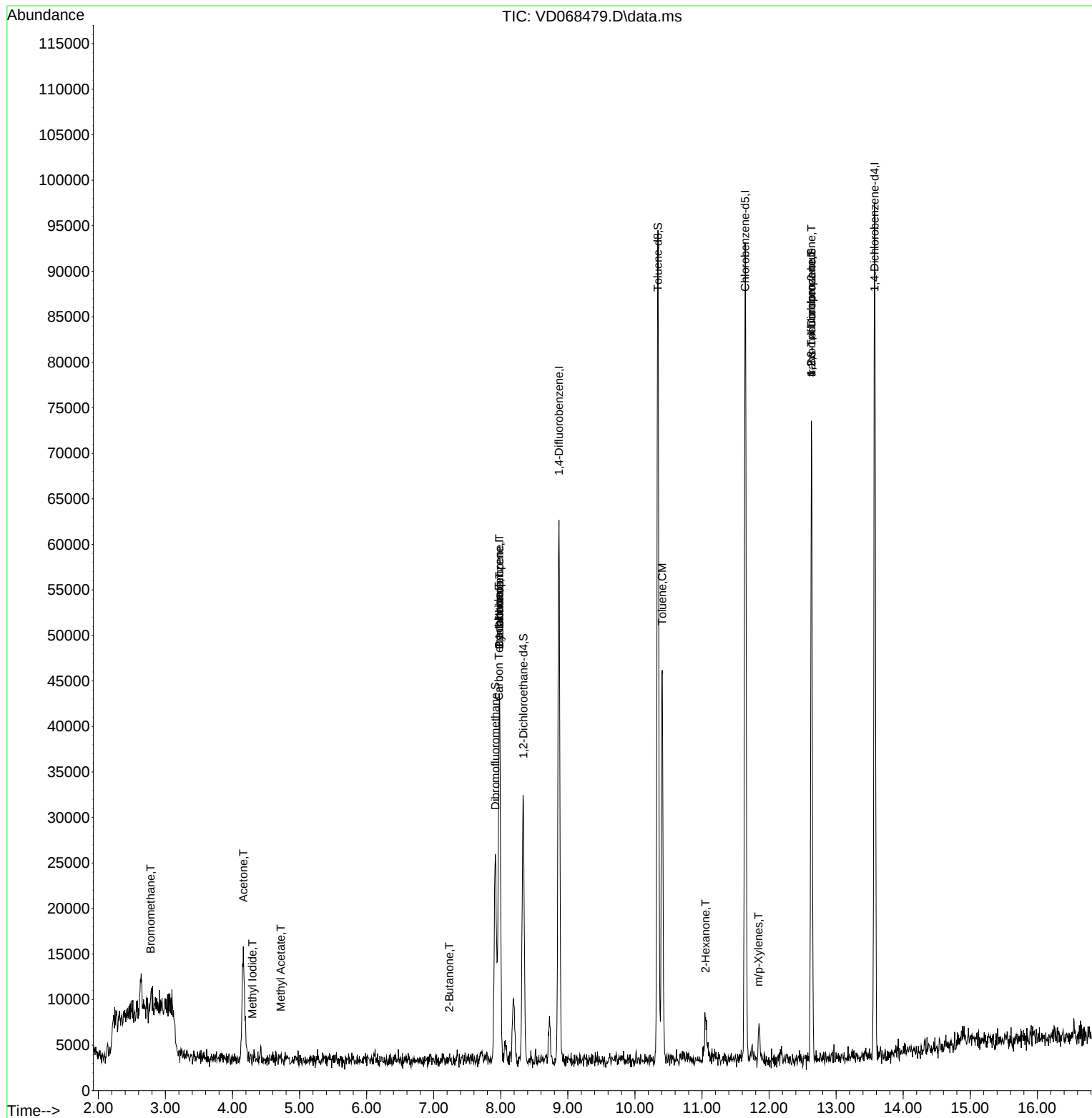
Internal Standards						
1) Pentafluorobenzene	7.979	168	28439	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	52867	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	56603	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	25854	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	23681	83.34	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 166.68%#			
35) Dibromofluoromethane	7.920	113	17533	55.05	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.10%			
50) Toluene-d8	10.343	98	65552	51.68	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.36%			
62) 4-Bromofluorobenzene	12.632	95	23310	57.02	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 114.04%			
Target Compounds						Qvalue
5) Bromomethane	2.779	94	836	2.83	ug/l #	53
10) Methyl Iodide	4.297	142	61	2.79	ug/l #	38
16) Acetone	4.161	43	20850	461.96	ug/l	93
18) Methyl Acetate	4.720	43	166	1.43	ug/l #	43
20) Methylene Chloride	4.979	84	74	Below Cal	#	14
25) 2-Butanone	7.232	43	66	1.02	ug/l #	43
31) Cyclohexane	7.979	56	1264	2.45	ug/l #	55
36) 1,1-Dichloropropene	7.979	75	2258	4.49	ug/l #	41
38) Carbon Tetrachloride	7.973	117	2538	5.38	ug/l #	12
52) Toluene	10.408	92	20024	21.75	ug/l	96
59) 2-Hexanone	11.055	43	1265	11.84	ug/l #	28
68) m/p-Xylenes	11.843	106	1233	1.58	ug/l	81
76) 1,2,3-Trichloropropane	12.632	75	11600	50.54	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	11600	117.94	ug/l #	14

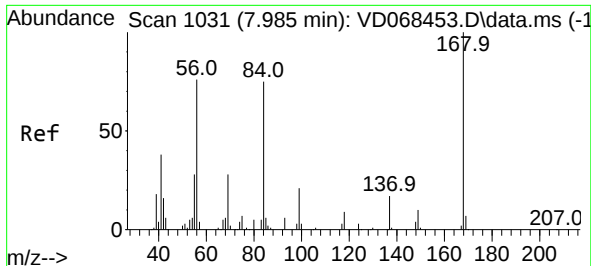
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030121\
Data File : VD068479.D
Acq On : 01 Mar 2021 14:50
Operator : VA/SY
Sample : M1526-01
Misc : 7.20G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
STOCK-PILE

Quant Time: Mar 01 20:47:31 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

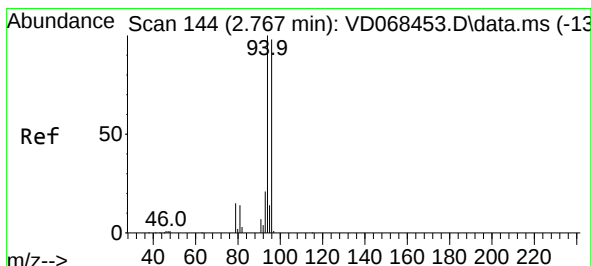
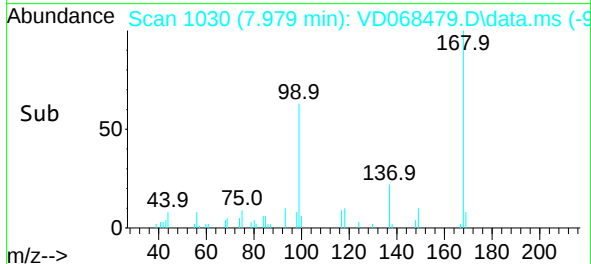
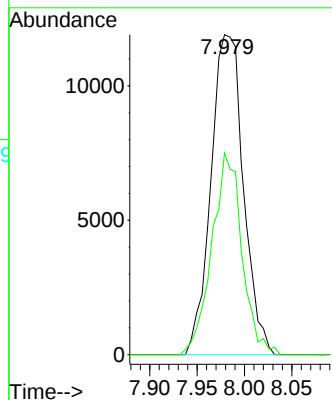
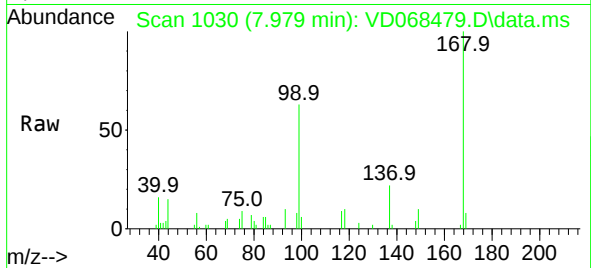




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068479.D
Acq: 01 Mar 2021 14:50

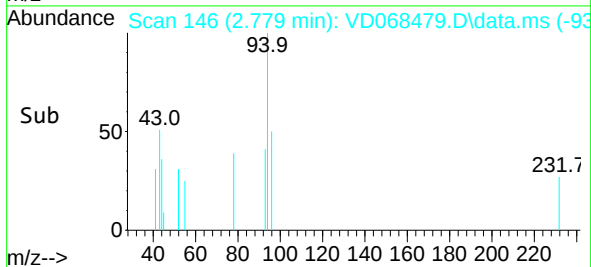
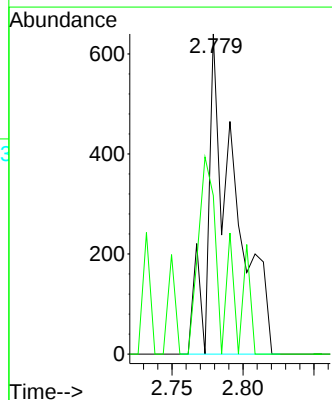
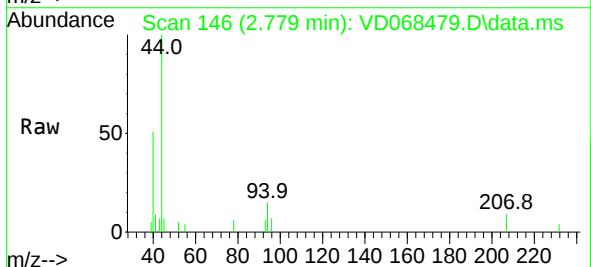
Instrument :
MSVOA_D
ClientSampleId :
STOCK-PILE

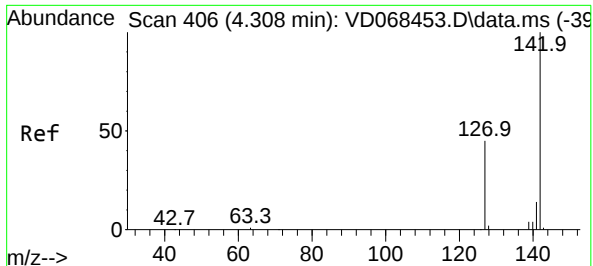
Tgt Ion:168 Resp: 28439
Ion Ratio Lower Upper
168 100
99 63.0 43.5 65.3



#5
Bromomethane
Concen: 2.83 ug/l
RT: 2.779 min Scan# 146
Delta R.T. 0.012 min
Lab File: VD068479.D
Acq: 01 Mar 2021 14:50

Tgt Ion: 94 Resp: 836
Ion Ratio Lower Upper
94 100
96 49.5 75.8 113.8#

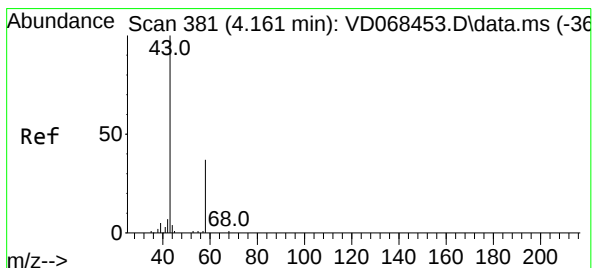
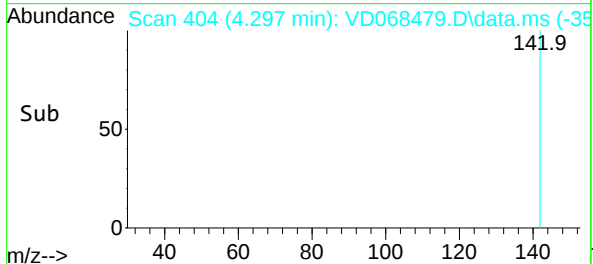
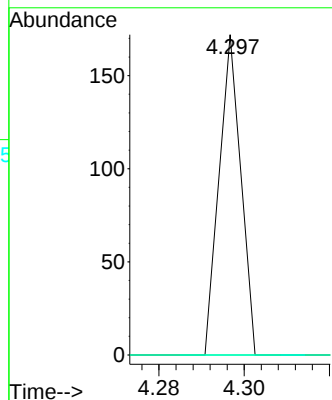
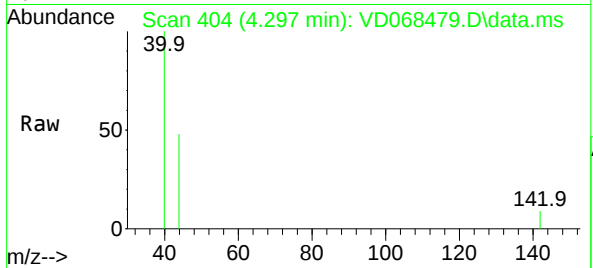




#10
Methyl Iodide
Concen: 2.79 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.011 min
Lab File: VD068479.D
Acq: 01 Mar 2021 14:50

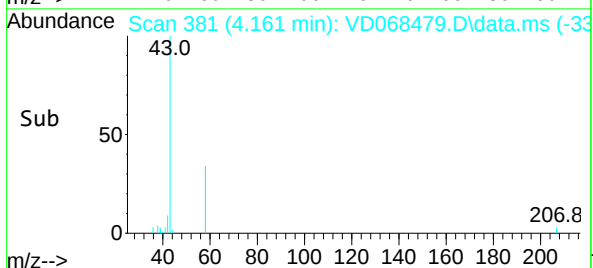
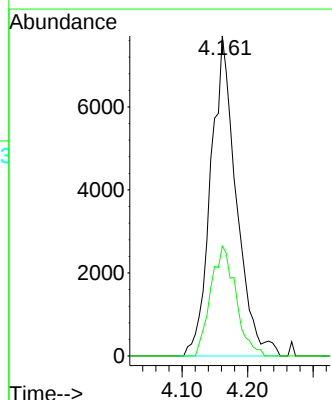
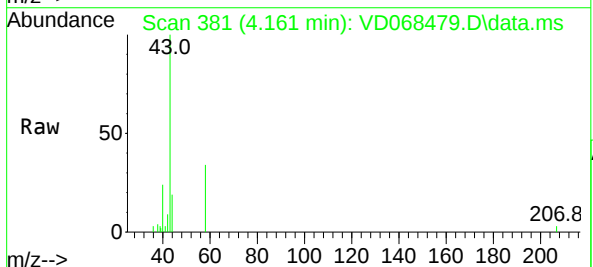
Instrument :
MSVOA_D
ClientSampleId :
STOCK-PILE

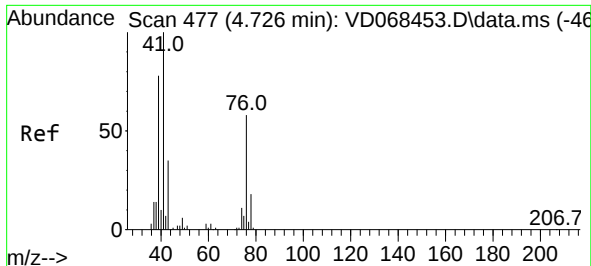
Tgt Ion:142 Resp: 61
Ion Ratio Lower Upper
142 100
127 0.0 37.9 56.9#
141 0.0 11.5 17.3#



#16
Acetone
Concen: 461.96 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD068479.D
Acq: 01 Mar 2021 14:50

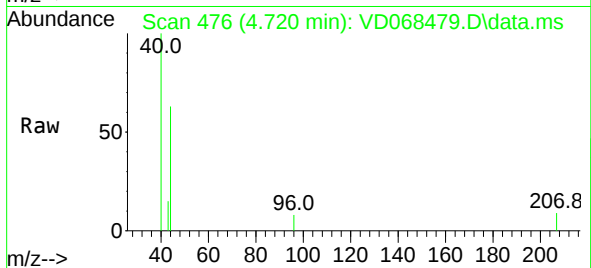
Tgt Ion: 43 Resp: 20850
Ion Ratio Lower Upper
43 100
58 34.3 24.2 36.4



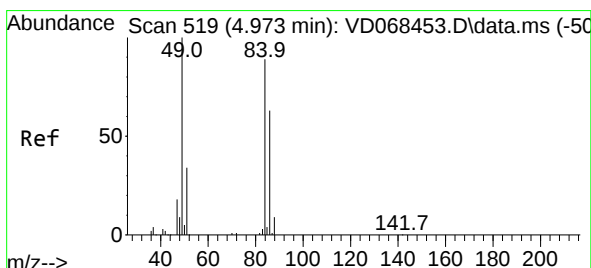
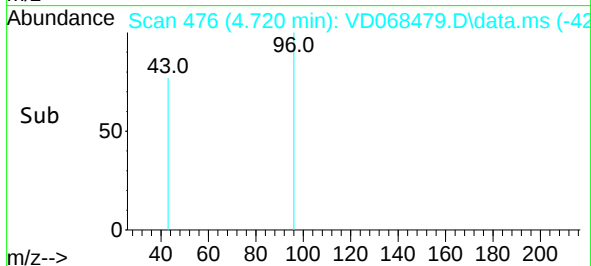
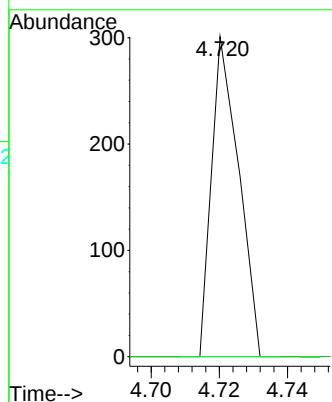


#18
Methyl Acetate
Concen: 1.43 ug/l
RT: 4.720 min Scan# 476
Delta R.T. -0.006 min
Lab File: VD068479.D
Acq: 01 Mar 2021 14:50

Instrument :
MSVOA_D
ClientSampleId :
STOCK-PILE

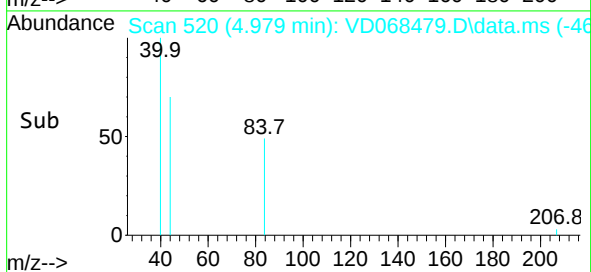
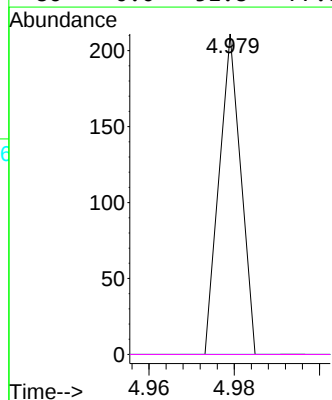
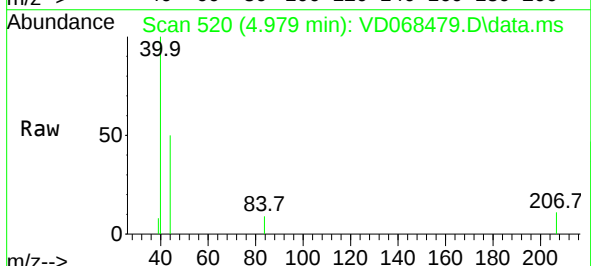


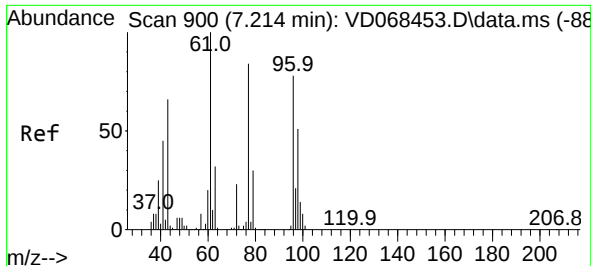
Tgt Ion: 43 Resp: 166
Ion Ratio Lower Upper
43 100
74 0.0 25.4 38.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.979 min Scan# 520
Delta R.T. 0.006 min
Lab File: VD068479.D
Acq: 01 Mar 2021 14:50

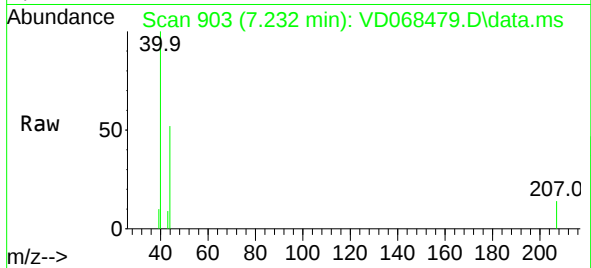
Tgt Ion: 84 Resp: 74
Ion Ratio Lower Upper
84 100
49 0.0 77.4 116.2#
51 0.0 26.1 39.1#
86 0.0 51.8 77.8#



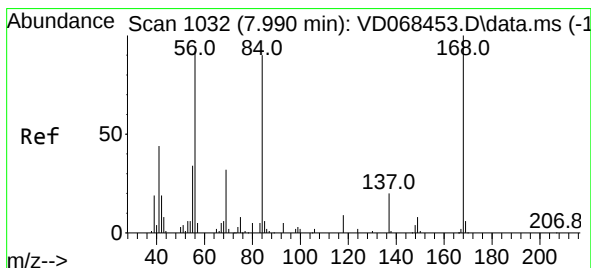
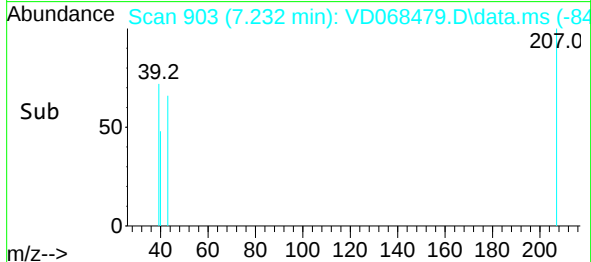
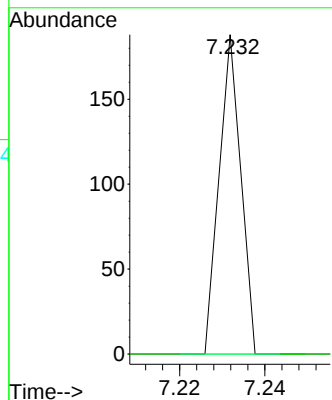


#25
2-Butanone
Concen: 1.02 ug/l
RT: 7.232 min Scan# 903
Delta R.T. 0.018 min
Lab File: VD068479.D
Acq: 01 Mar 2021 14:50

Instrument :
MSVOA_D
ClientSampleId :
STOCK-PILE

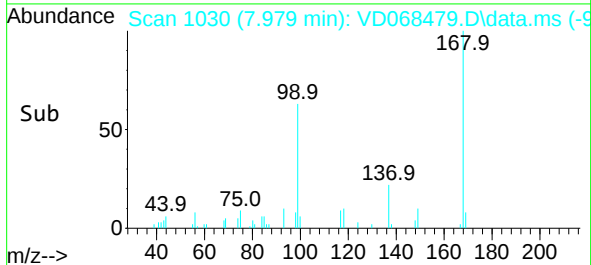
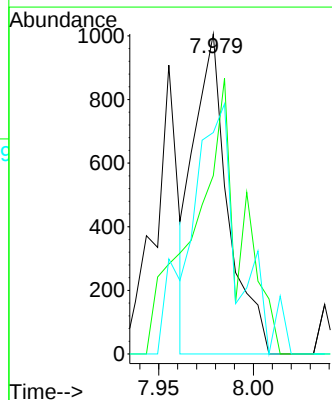
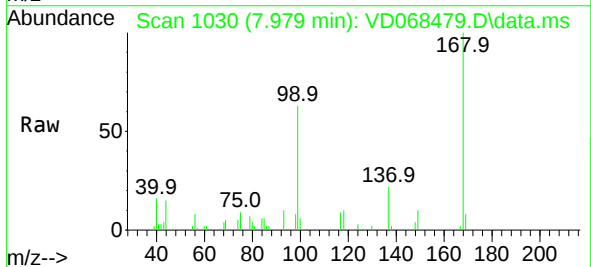


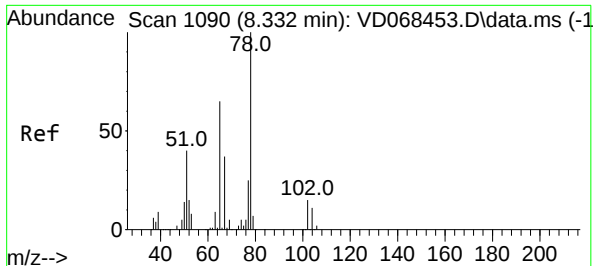
Tgt Ion: 43 Resp: 66
Ion Ratio Lower Upper
43 100
72 0.0 25.1 37.7#



#31
Cyclohexane
Concen: 2.45 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.012 min
Lab File: VD068479.D
Acq: 01 Mar 2021 14:50

Tgt Ion: 56 Resp: 1264
Ion Ratio Lower Upper
56 100
69 55.8 30.1 45.1#
84 51.1 82.1 123.1#





#33

1,2-Dichloroethane-d4

Concen: 83.34 ug/l

RT: 8.338 min Scan# 1091

Delta R.T. 0.006 min

Lab File: VD068479.D

Acq: 01 Mar 2021 14:50

Tgt Ion: 65 Resp: 23681

Ion Ratio Lower Upper

65 100

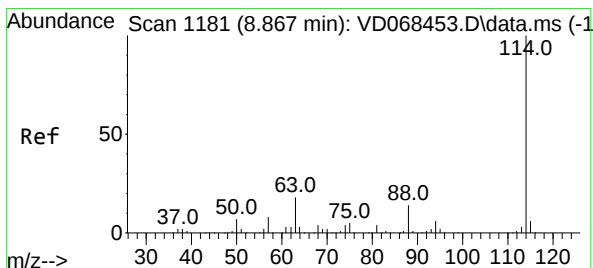
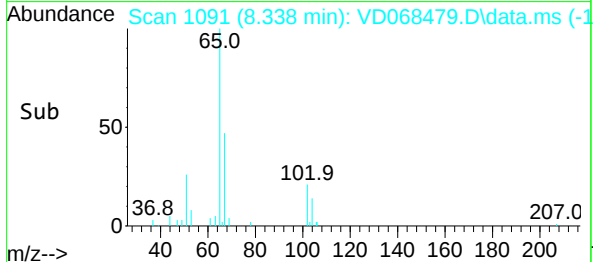
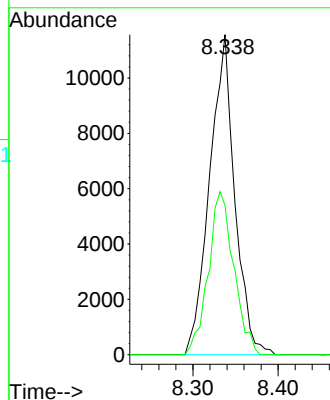
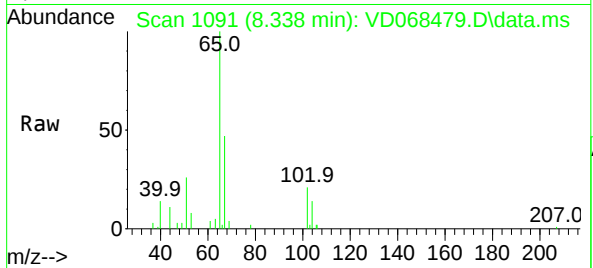
67 51.6 0.0 105.0

Instrument :

MSVOA_D

ClientSampleId :

STOCK-PILE



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.867 min Scan# 1181

Delta R.T. 0.000 min

Lab File: VD068479.D

Acq: 01 Mar 2021 14:50

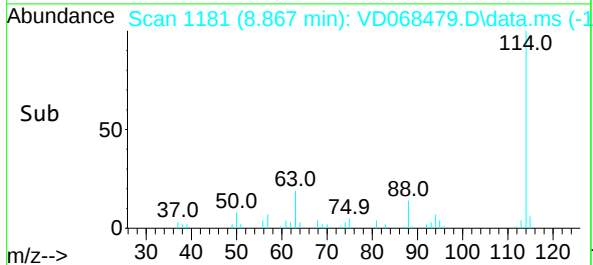
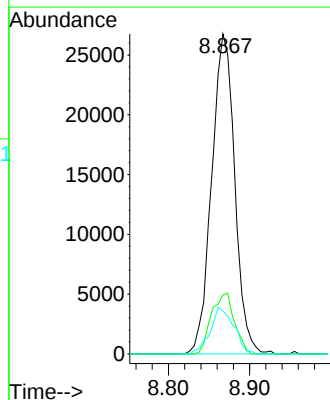
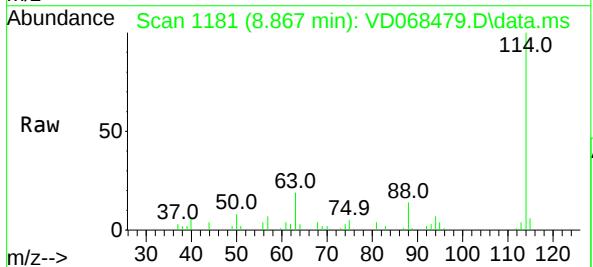
Tgt Ion: 114 Resp: 52867

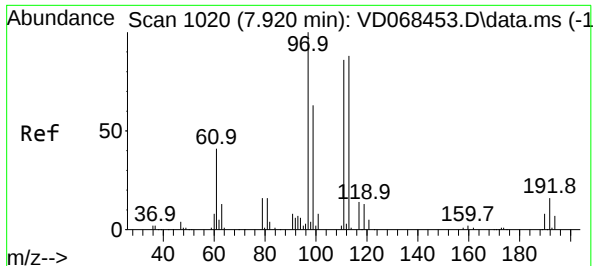
Ion Ratio Lower Upper

114 100

63 18.5 0.0 34.8

88 13.5 0.0 31.6





#35

Dibromofluoromethane

Concen: 55.05 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. 0.000 min

Lab File: VD068479.D

Acq: 01 Mar 2021 14:50

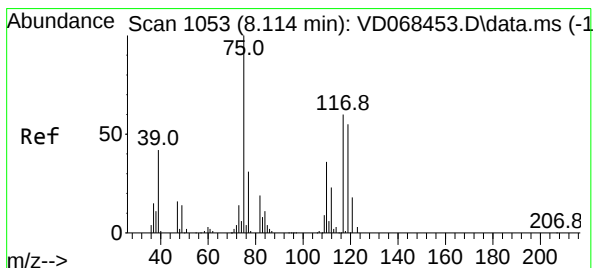
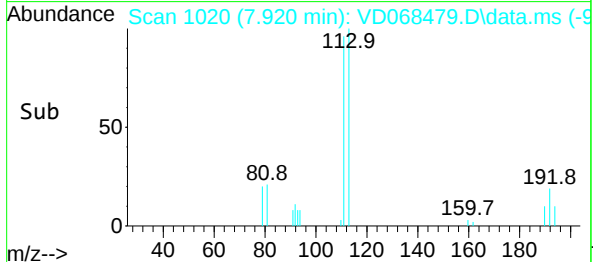
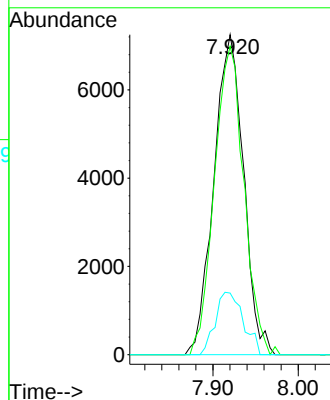
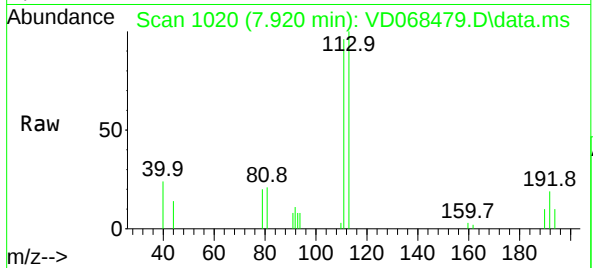
Tgt Ion:113 Resp: 17533

Ion Ratio Lower Upper

113 100

111 95.9 81.4 122.0

192 18.3 16.1 24.1



#36

1,1-Dichloropropene

Concen: 4.49 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.135 min

Lab File: VD068479.D

Acq: 01 Mar 2021 14:50

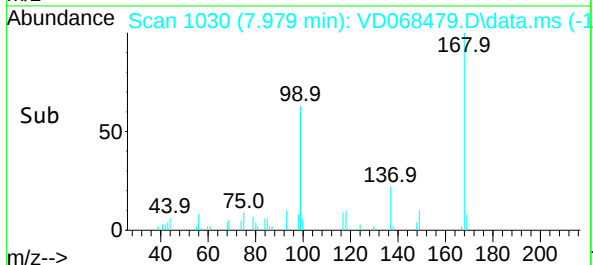
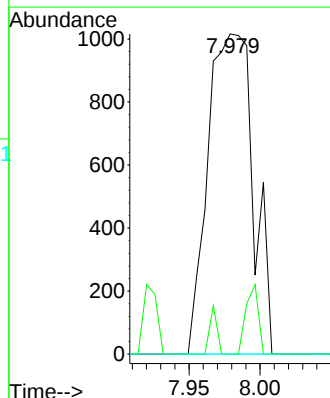
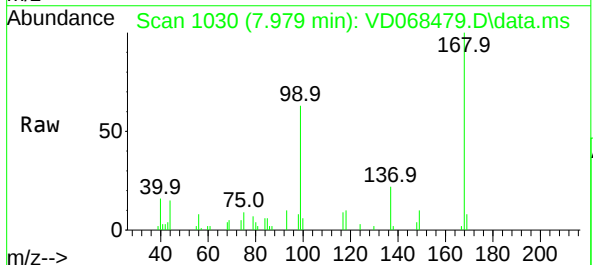
Tgt Ion: 75 Resp: 2258

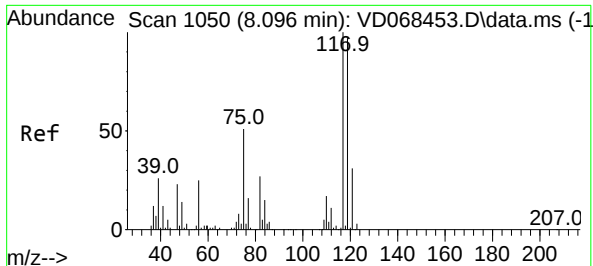
Ion Ratio Lower Upper

75 100

110 2.4 19.4 58.2#

77 0.0 25.3 37.9#

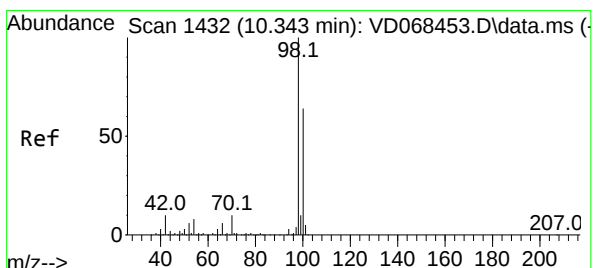
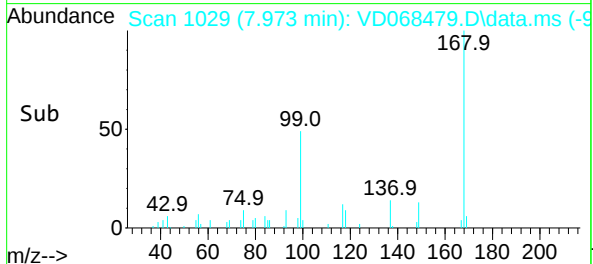
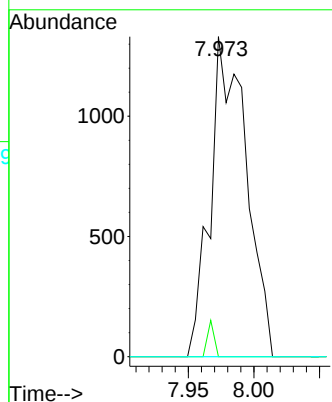
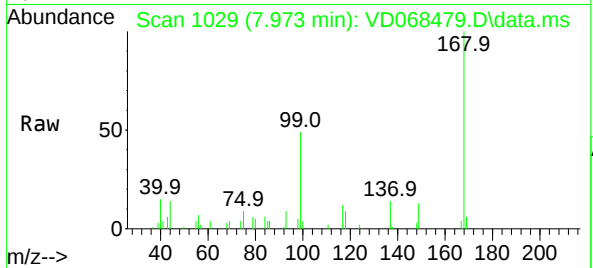




#38
Carbon Tetrachloride
Concen: 5.38 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.123 min
Lab File: VD068479.D
Acq: 01 Mar 2021 14:50

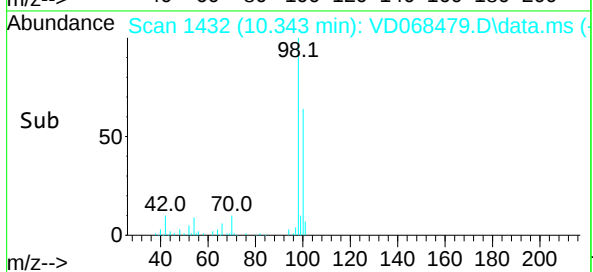
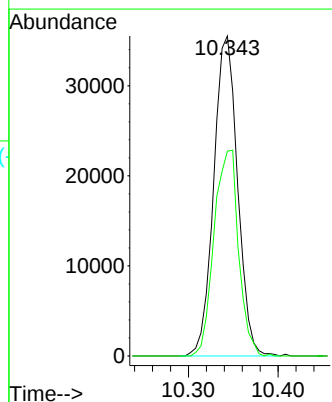
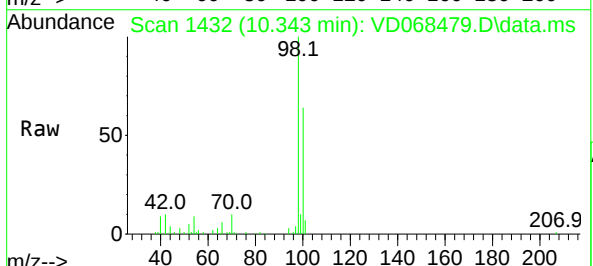
Instrument :
MSVOA_D
ClientSampleId :
STOCK-PILE

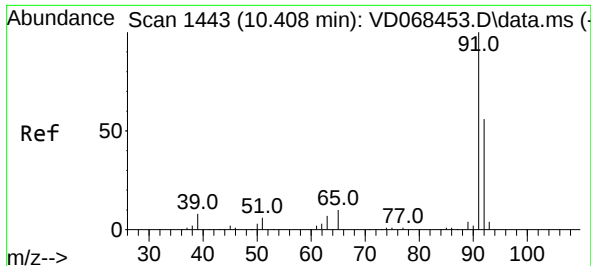
Tgt Ion:117 Resp: 2538
Ion Ratio Lower Upper
117 100
119 0.0 77.3 115.9#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 51.68 ug/l
RT: 10.343 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068479.D
Acq: 01 Mar 2021 14:50

Tgt Ion: 98 Resp: 65552
Ion Ratio Lower Upper
98 100
100 66.1 53.0 79.4

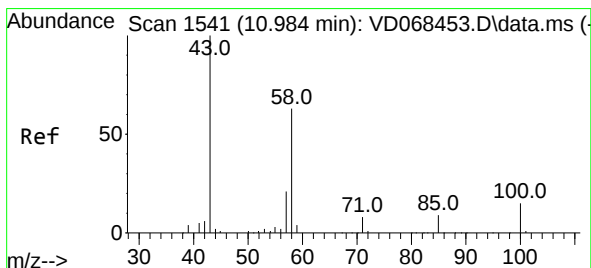
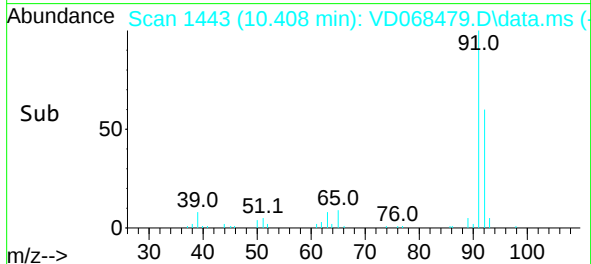
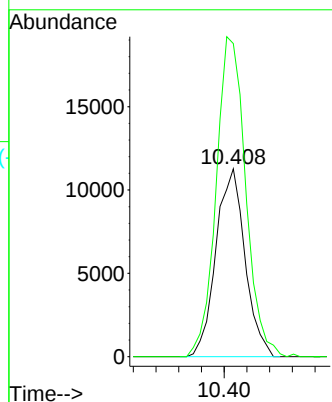
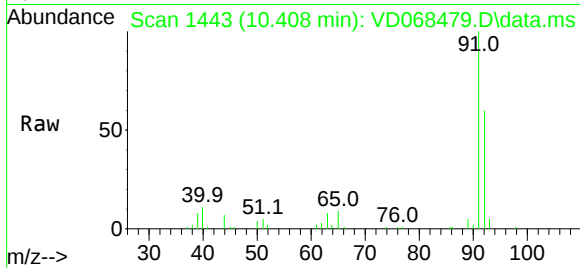




#52
Toluene
Concen: 21.75 ug/l
RT: 10.408 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VD068479.D
Acq: 01 Mar 2021 14:50

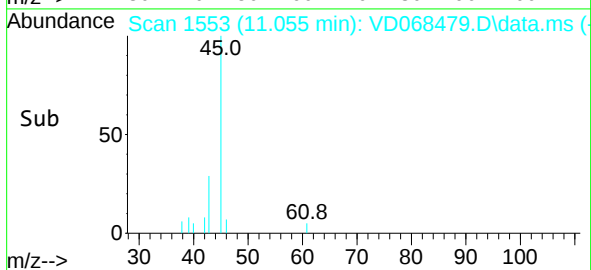
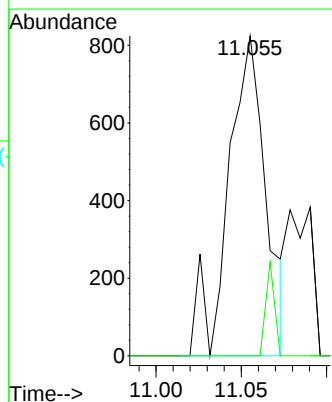
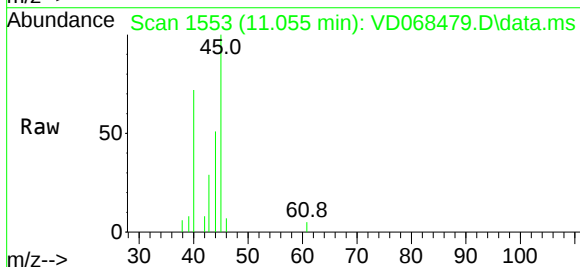
Instrument :
MSVOA_D
ClientSampleId :
STOCK-PILE

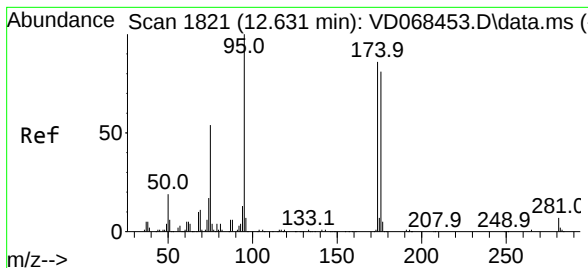
Tgt Ion: 92 Resp: 20024
Ion Ratio Lower Upper
92 100
91 173.0 134.1 201.1



#59
2-Hexanone
Concen: 11.84 ug/l
RT: 11.055 min Scan# 1553
Delta R.T. 0.071 min
Lab File: VD068479.D
Acq: 01 Mar 2021 14:50

Tgt Ion: 43 Resp: 1265
Ion Ratio Lower Upper
43 100
58 6.7 31.0 93.0#

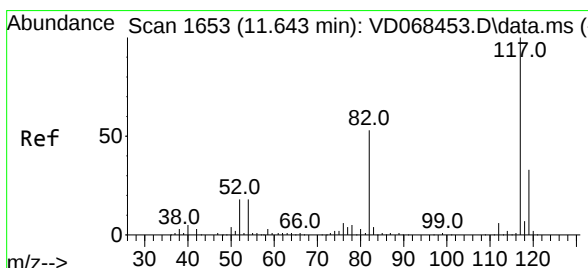
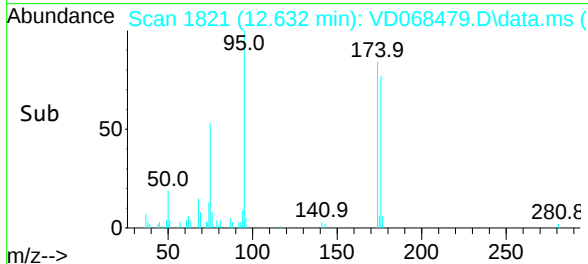
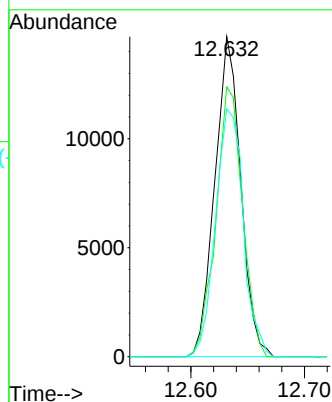
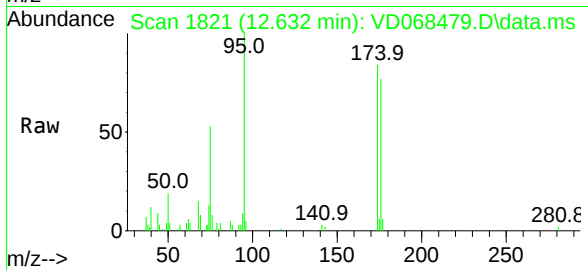




#62
4-Bromofluorobenzene
Concen: 57.02 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068479.D
Acq: 01 Mar 2021 14:50

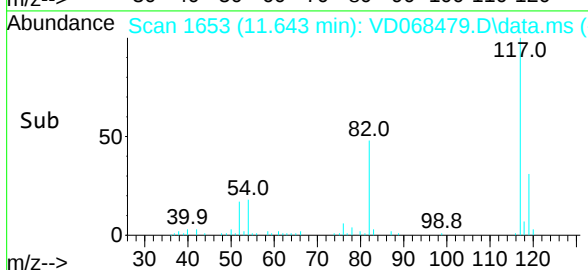
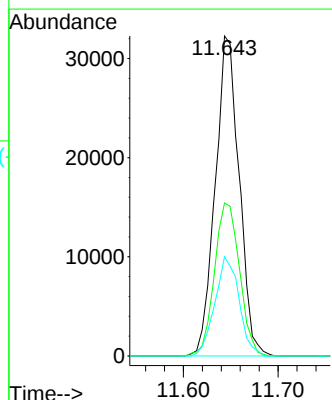
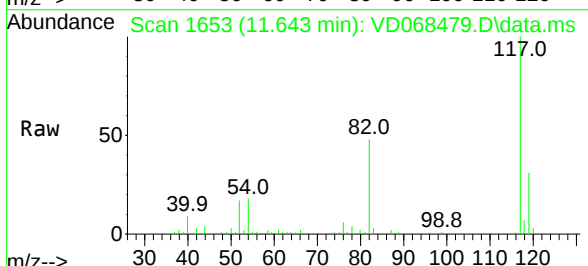
Instrument :
MSVOA_D
ClientSampleId :
STOCK-PILE

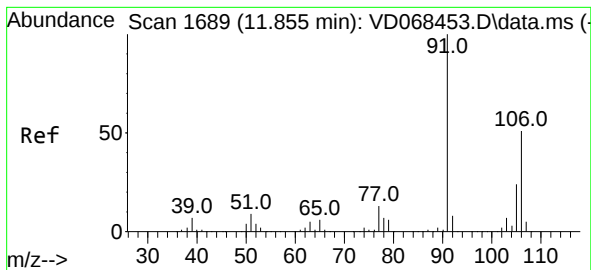
Tgt Ion: 95 Resp: 23310
Ion Ratio Lower Upper
95 100
174 86.6 0.0 172.4
176 83.1 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068479.D
Acq: 01 Mar 2021 14:50

Tgt Ion: 117 Resp: 56603
Ion Ratio Lower Upper
117 100
82 47.8 41.4 62.0
119 31.0 26.1 39.1

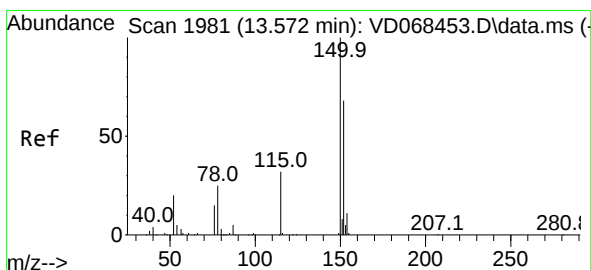
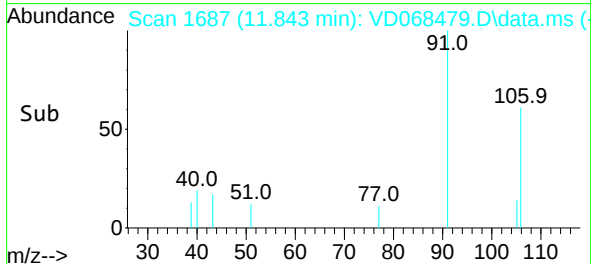
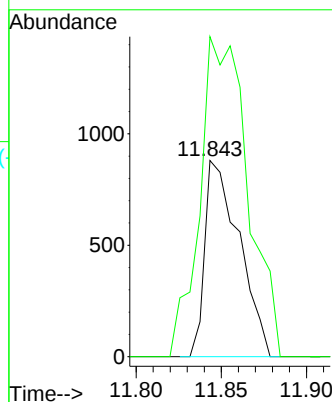
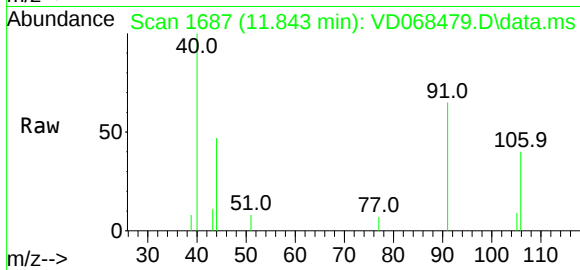




#68
m/p-Xylenes
Concen: 1.58 ug/l
RT: 11.843 min Scan# 1687
Delta R.T. -0.012 min
Lab File: VD068479.D
Acq: 01 Mar 2021 14:50

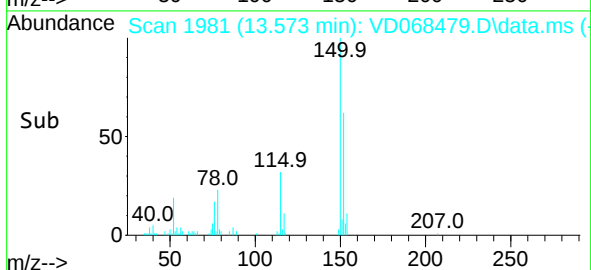
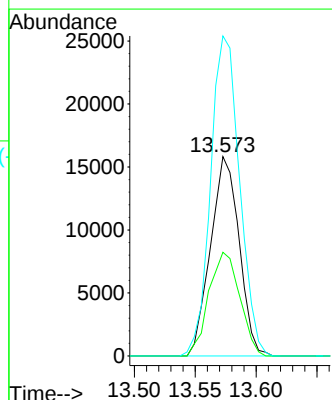
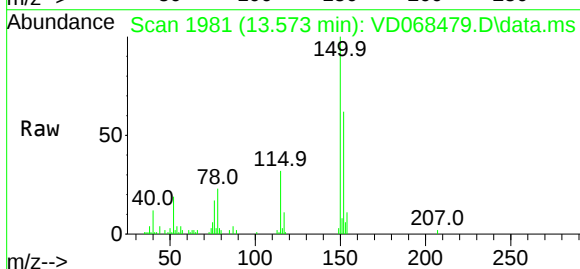
Instrument :
MSVOA_D
ClientSampleId :
STOCK-PILE

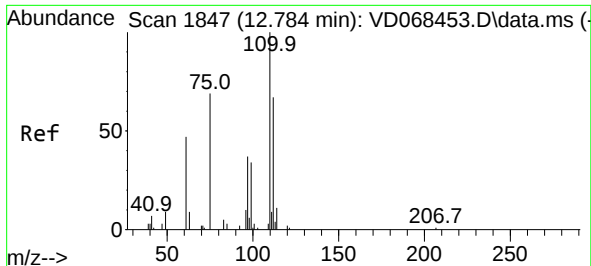
Tgt Ion:106 Resp: 1233
Ion Ratio Lower Upper
106 100
91 227.3 159.1 238.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068479.D
Acq: 01 Mar 2021 14:50

Tgt Ion:152 Resp: 25854
Ion Ratio Lower Upper
152 100
115 56.1 28.9 86.8
150 162.7 0.0 344.4

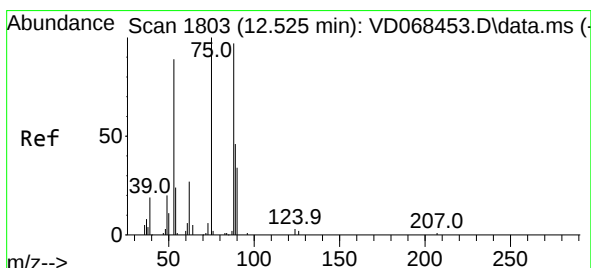
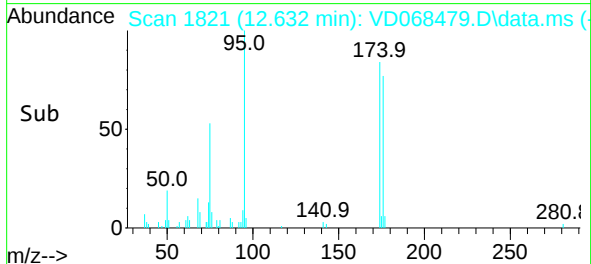
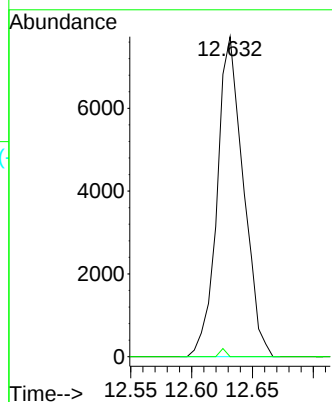
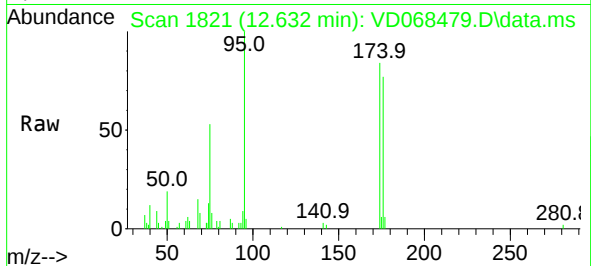




#76
1,2,3-Trichloropropane
Concen: 50.54 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.152 min
Lab File: VD068479.D
Acq: 01 Mar 2021 14:50

Instrument :
MSVOA_D
ClientSampleId :
STOCK-PILE

Tgt Ion: 75 Resp: 11600
Ion Ratio Lower Upper
75 100
77 0.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 117.94 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068479.D
Acq: 01 Mar 2021 14:50

Tgt Ion: 75 Resp: 11600
Ion Ratio Lower Upper
75 100
53 0.0 70.2 105.2#
89 0.6 40.3 60.5#

