

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041921\
 Data File : VD068896.D
 Acq On : 19 Apr 2021 13:44
 Operator : VA/SY
 Sample : M2063-09
 Misc : 5.62G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP3-0-2

Quant Time: Apr 20 00:52:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 08 03:50:31 2021
 Response via : Initial Calibration

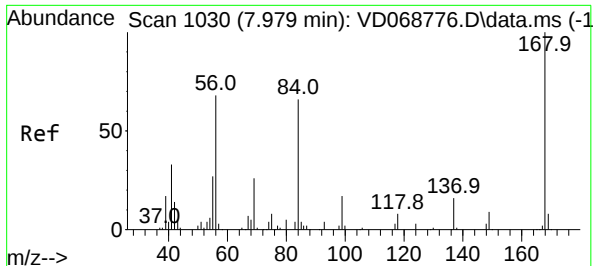
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.985	168	185391	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	320185	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	361278	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	179027	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	88476	45.16	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 90.32%			
35) Dibromofluoromethane	7.914	113	101049	48.52	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 97.04%			
50) Toluene-d8	10.338	98	410210	52.21	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.42%			
62) 4-Bromofluorobenzene	12.626	95	166931	63.98	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 127.96%			
Target Compounds						Qvalue
10) Methyl Iodide	4.309	142	54	2.27	ug/l #	41
11) Tert butyl alcohol	5.209	59	95	Below Cal	#	73
16) Acetone	4.162	43	8021	29.56	ug/l	94
20) Methylene Chloride	4.968	84	5573	Below Cal	#	80
25) 2-Butanone	7.226	43	1748	4.55	ug/l	91
31) Cyclohexane	7.985	56	4366	1.34	ug/l #	34
36) 1,1-Dichloropropene	7.979	75	14031	4.33	ug/l #	47
37) Ethyl Acetate	7.226	43	1748	1.84	ug/l #	64
38) Carbon Tetrachloride	7.985	117	18597	5.80	ug/l #	18
51) 4-Methyl-2-Pentanone	10.338	43	1536	1.57	ug/l #	1
76) 1,2,3-Trichloropropane	12.632	75	85156	52.07	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	85156	120.83	ug/l #	16

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

Quant Time: Apr 20 00:52:17 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 08 03:50:31 2021
Response via : Initial Calibration

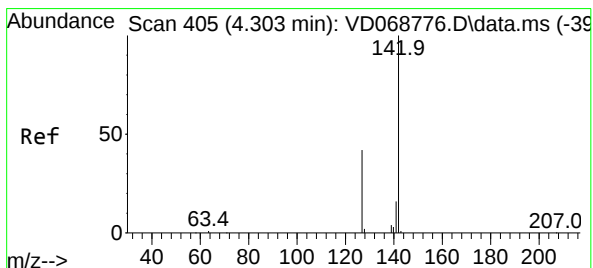
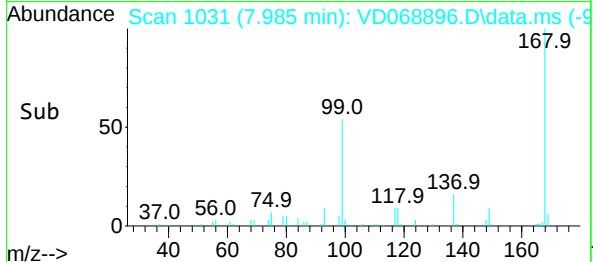
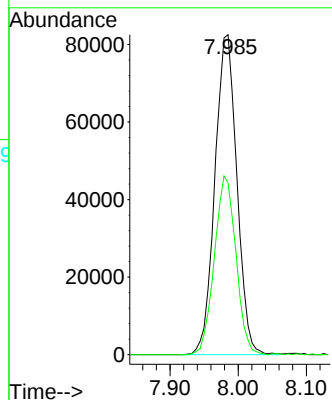
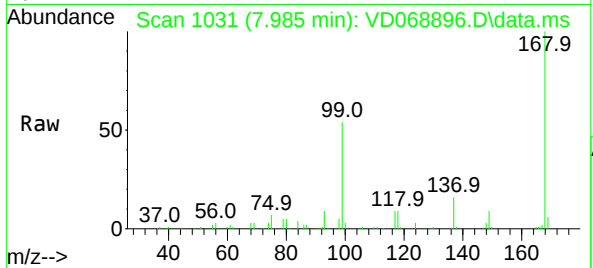




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD068896.D
Acq: 19 Apr 2021 13:44

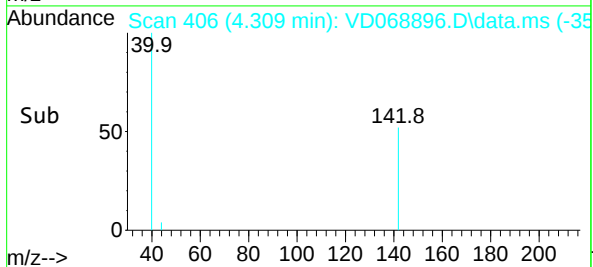
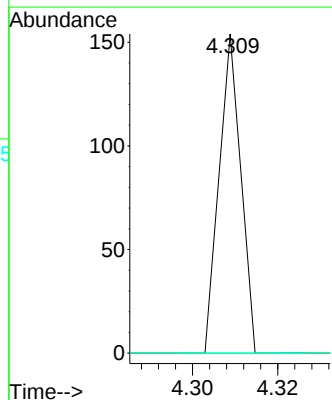
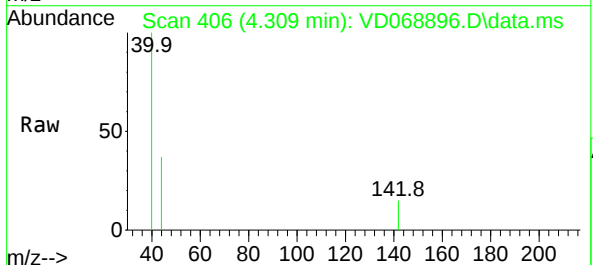
Instrument :
MSVOA_D
ClientSampleID :
TP3-0-2

Tgt Ion:168 Resp: 185391
Ion Ratio Lower Upper
168 100
99 53.7 46.2 69.2



#10
Methyl Iodide
Concen: 2.27 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.006 min
Lab File: VD068896.D
Acq: 19 Apr 2021 13:44

Tgt Ion:142 Resp: 54
Ion Ratio Lower Upper
142 100
127 0.0 34.7 52.1#
141 0.0 11.0 16.4#

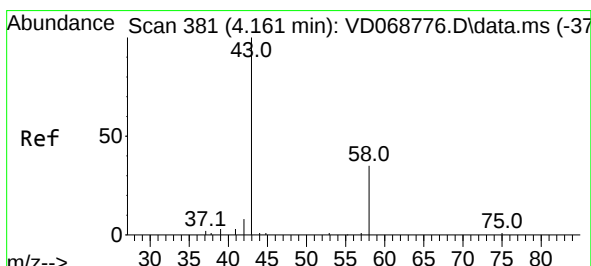
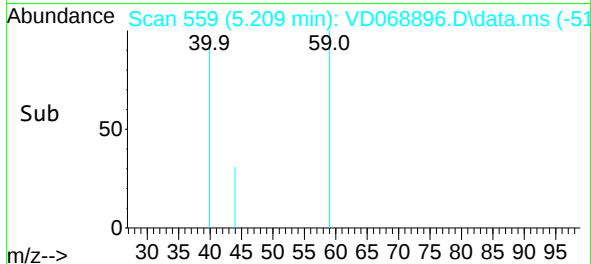
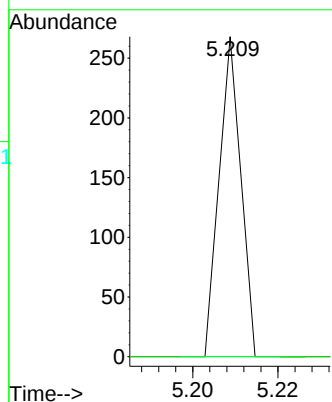
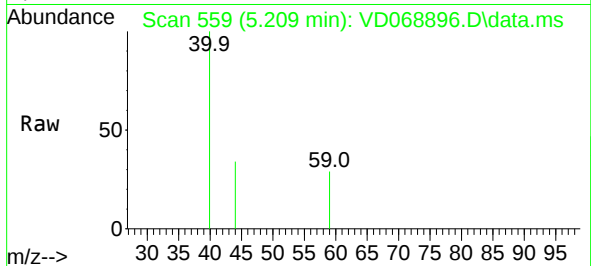




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.209 min Scan# 559
Delta R.T. -0.011 min
Lab File: VD068896.D
Acq: 19 Apr 2021 13:44

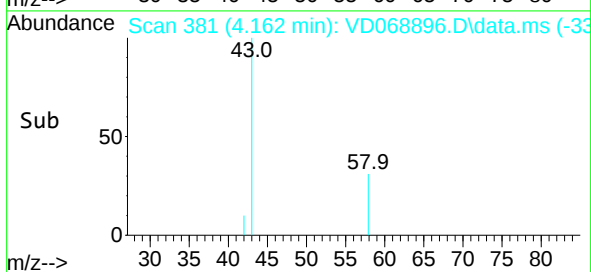
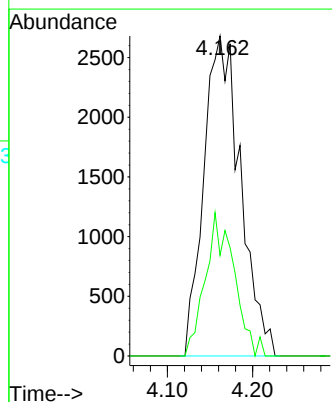
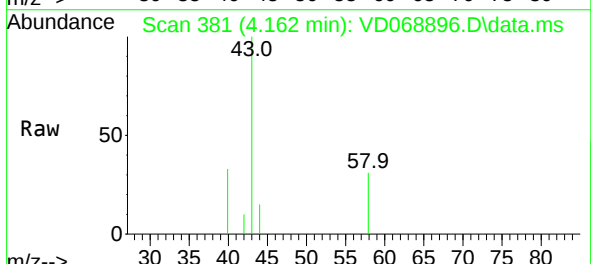
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ClientSampleID :
TP3-0-2

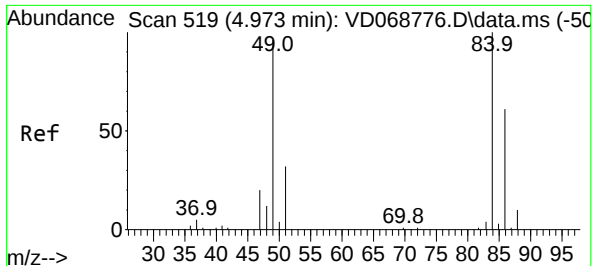
Tgt Ion: 59 Resp: 95
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 29.56 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.001 min
Lab File: VD068896.D
Acq: 19 Apr 2021 13:44

Tgt Ion: 43 Resp: 8021
Ion Ratio Lower Upper
43 100
58 31.5 28.0 42.0





#20

Methylene Chloride

Concen: Below Cal

RT: 4.968 min Scan# 518

Delta R.T. -0.005 min

Lab File: VD068896.D

Acq: 19 Apr 2021 13:44

Instrument :

MSVOA_D

ClientSampleId :

TP3-0-2

Tgt Ion: 84 Resp: 5573

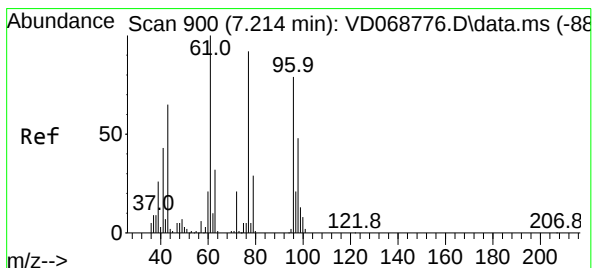
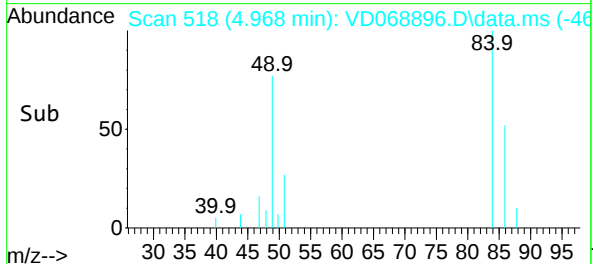
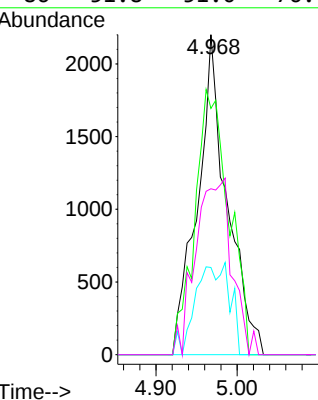
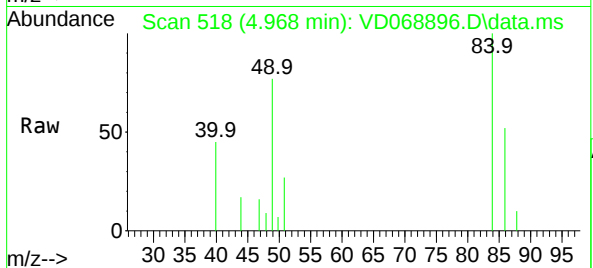
Ion Ratio Lower Upper

84 100

49 77.0 83.4 125.0#

51 27.3 23.4 35.2

86 51.8 51.0 76.4



#25

2-Butanone

Concen: 4.55 ug/l

RT: 7.226 min Scan# 902

Delta R.T. 0.012 min

Lab File: VD068896.D

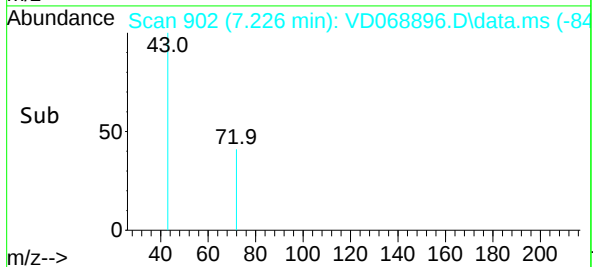
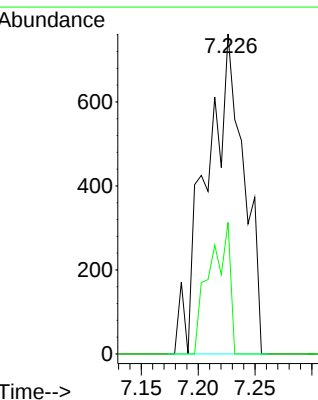
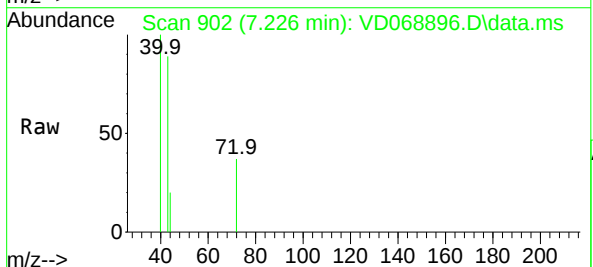
Acq: 19 Apr 2021 13:44

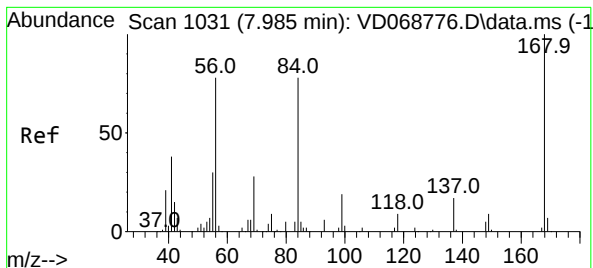
Tgt Ion: 43 Resp: 1748

Ion Ratio Lower Upper

43 100

72 41.1 28.6 43.0

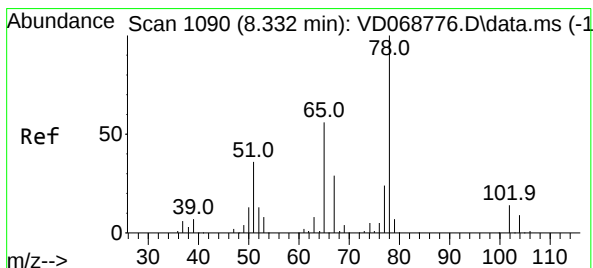
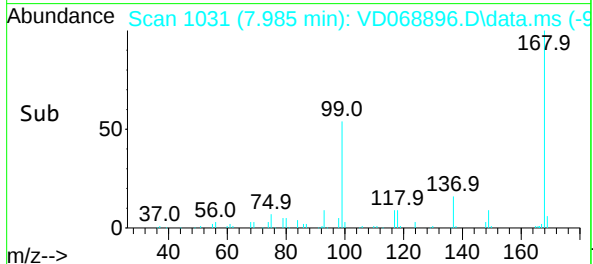
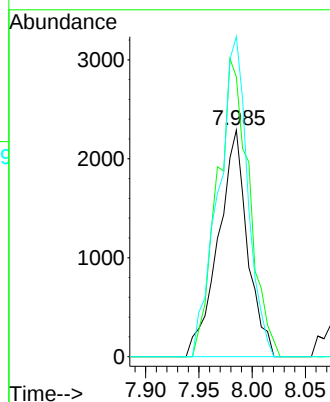
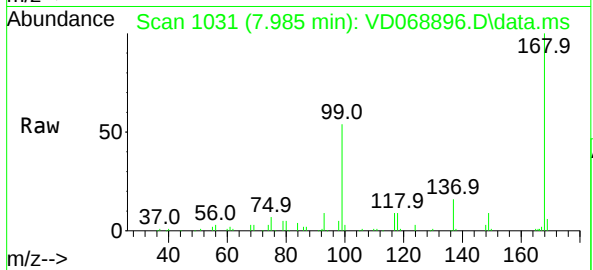




#31
Cyclohexane
Concen: 1.34 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD068896.D
Acq: 19 Apr 2021 13:44

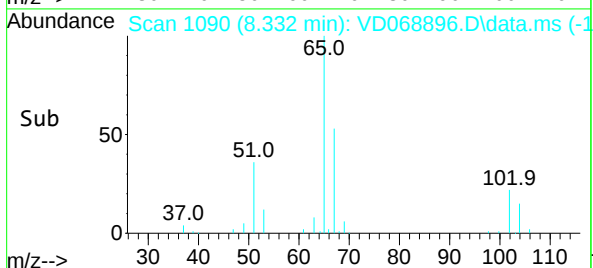
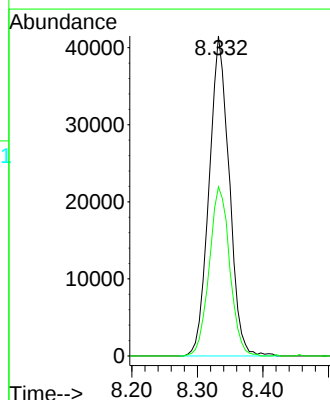
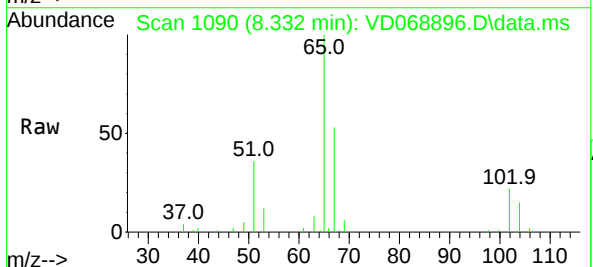
Instrument :
MSVOA_D
ClientSampled :
TP3-0-2

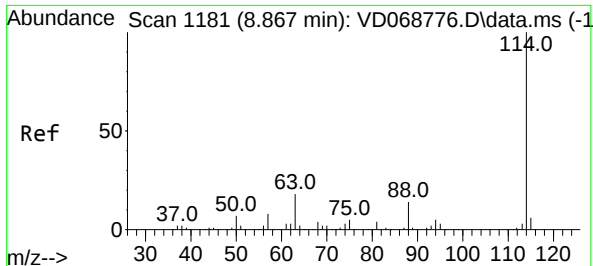
Tgt Ion: 56 Resp: 4366
Ion Ratio Lower Upper
56 100
69 123.4 30.0 45.0#
84 141.2 82.0 123.0#



#33
1,2-Dichloroethane-d4
Concen: 45.16 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068896.D
Acq: 19 Apr 2021 13:44

Tgt Ion: 65 Resp: 88476
Ion Ratio Lower Upper
65 100
67 53.7 0.0 106.0

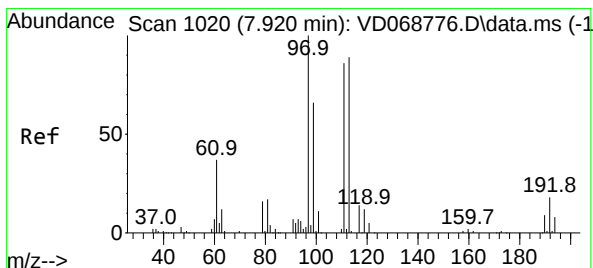
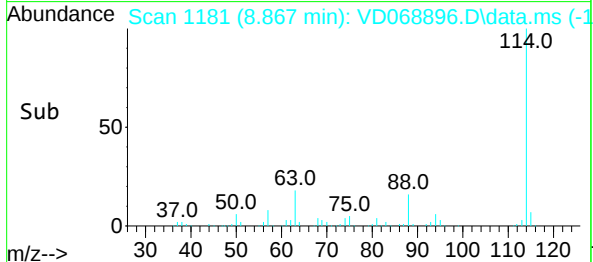
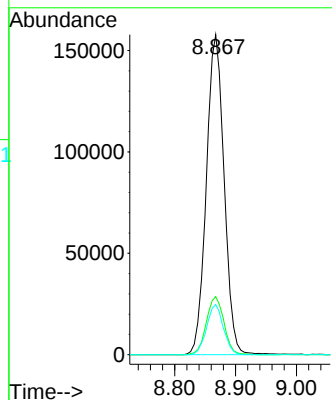
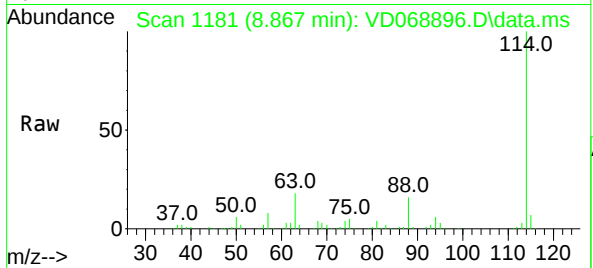




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068896.D
Acq: 19 Apr 2021 13:44

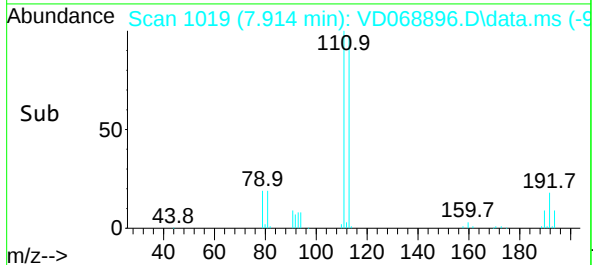
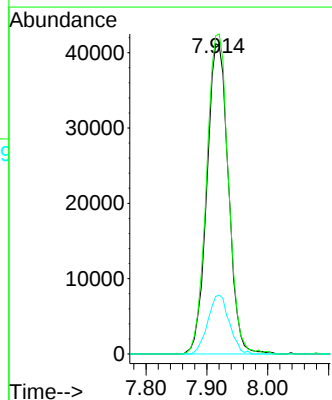
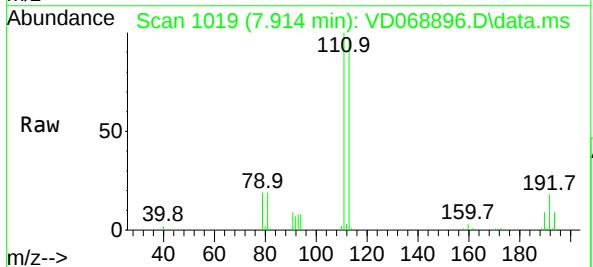
Instrument :
MSVOA_D
ClientSampled :
TP3-0-2

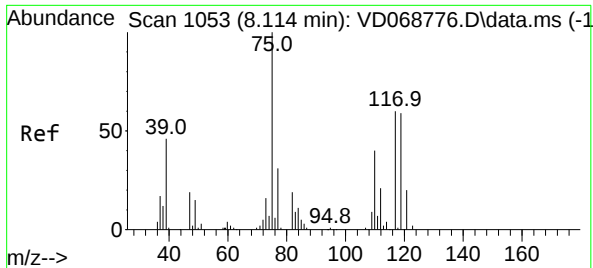
Tgt Ion:114 Resp: 320185
Ion Ratio Lower Upper
114 100
63 18.2 0.0 38.2
88 15.7 0.0 29.4



#35
Dibromofluoromethane
Concen: 48.52 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068896.D
Acq: 19 Apr 2021 13:44

Tgt Ion:113 Resp: 101049
Ion Ratio Lower Upper
113 100
111 104.6 82.5 123.7
192 18.8 15.1 22.7

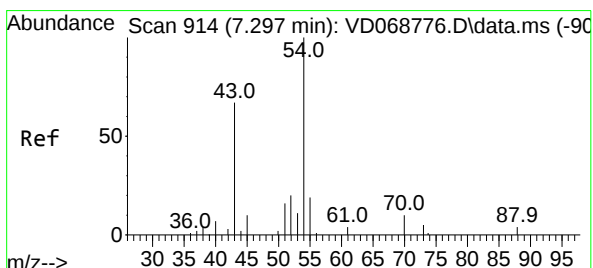
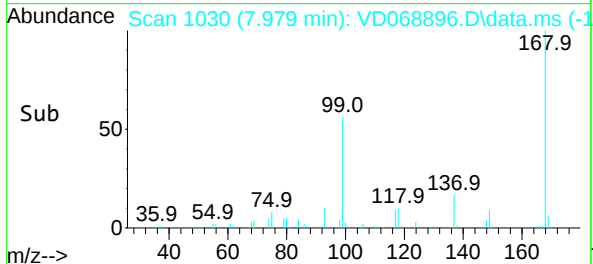
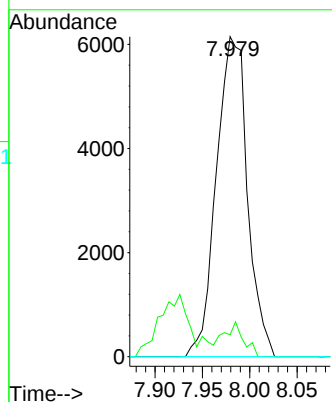
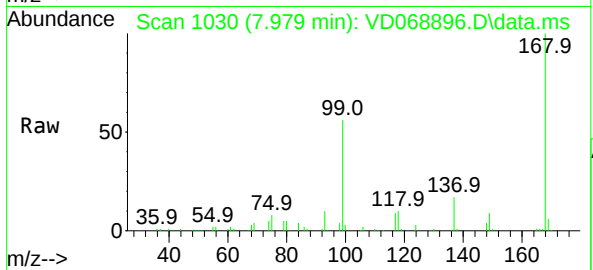




#36
1,1-Dichloropropene
Concen: 4.33 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.135 min
Lab File: VD068896.D
Acq: 19 Apr 2021 13:44

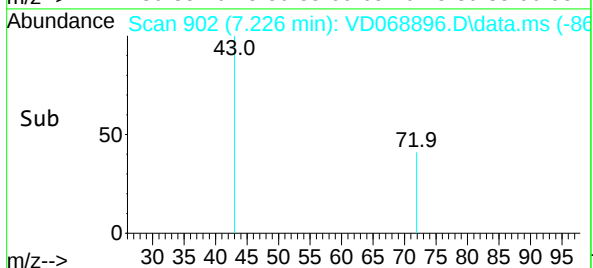
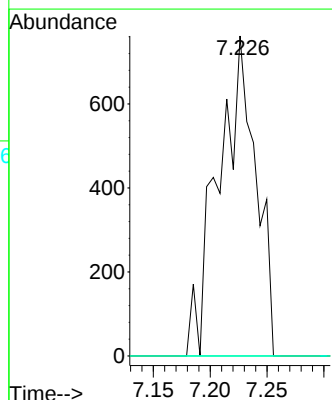
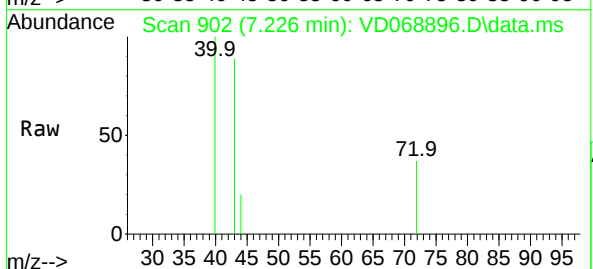
Instrument :
MSVOA_D
ClientSampled :
TP3-0-2

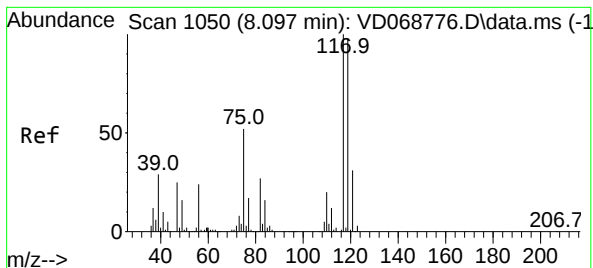
Tgt Ion: 75 Resp: 14031
Ion Ratio Lower Upper
75 100
110 7.0 18.1 54.4#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 1.84 ug/l
RT: 7.226 min Scan# 902
Delta R.T. -0.071 min
Lab File: VD068896.D
Acq: 19 Apr 2021 13:44

Tgt Ion: 43 Resp: 1748
Ion Ratio Lower Upper
43 100
61 0.0 14.2 21.4#
70 0.0 9.4 14.0#

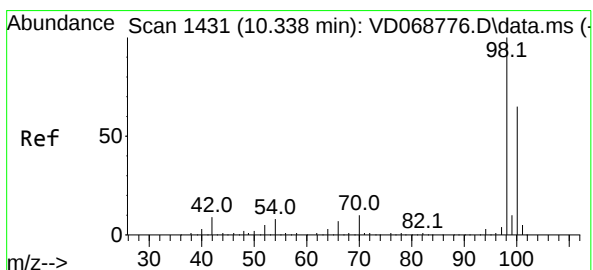
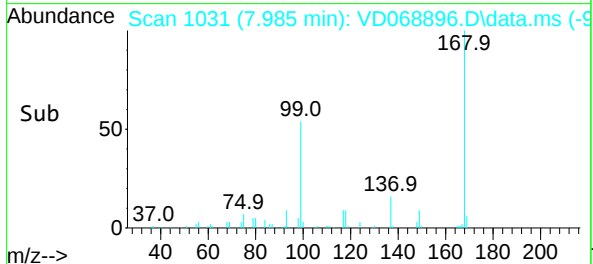
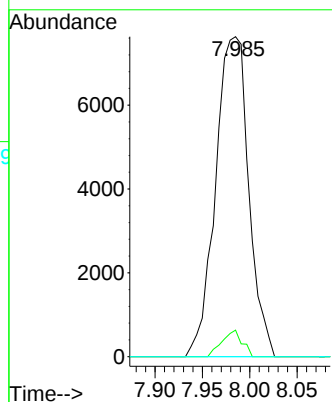
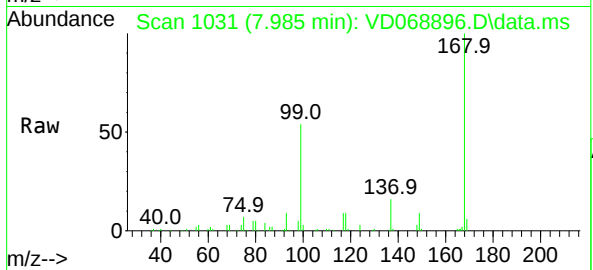




#38
Carbon Tetrachloride
Concen: 5.80 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.112 min
Lab File: VD068896.D
Acq: 19 Apr 2021 13:44

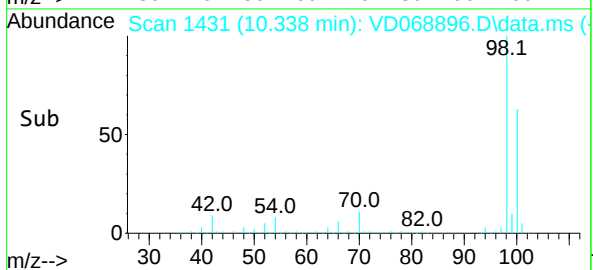
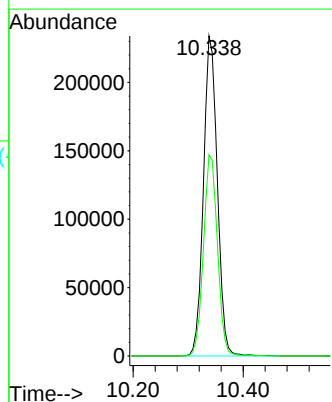
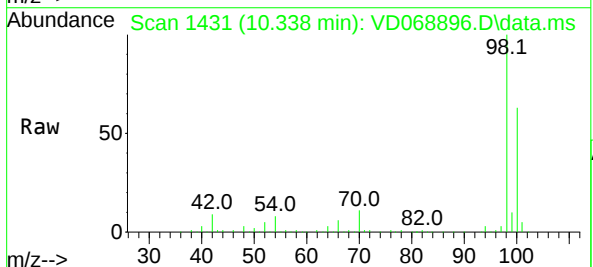
Instrument :
MSVOA_D
ClientSampled :
TP3-0-2

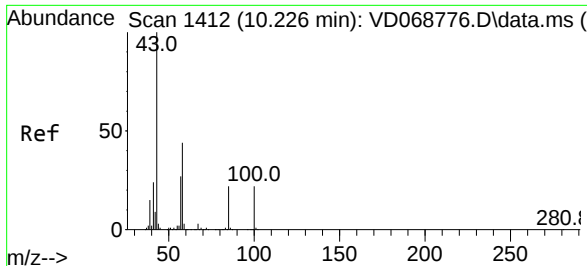
Tgt Ion:117 Resp: 18597
Ion Ratio Lower Upper
117 100
119 8.3 76.6 115.0#
121 0.0 26.1 39.1#



#50
Toluene-d8
Concen: 52.21 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068896.D
Acq: 19 Apr 2021 13:44

Tgt Ion: 98 Resp: 410210
Ion Ratio Lower Upper
98 100
100 63.4 51.8 77.6

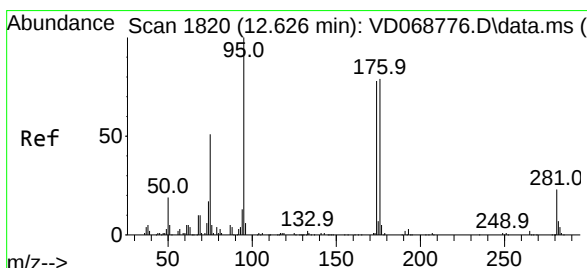
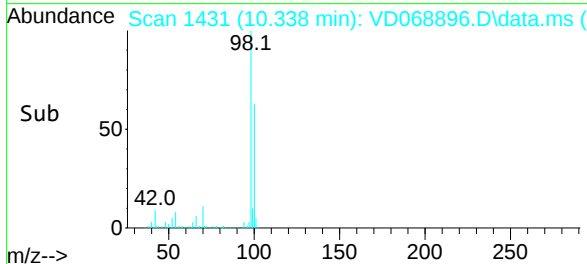
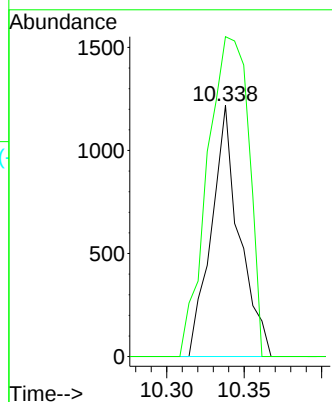
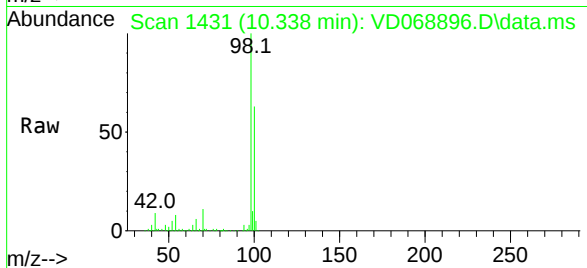




#51
4-Methyl-2-Pentanone
Concen: 1.57 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.112 min
Lab File: VD068896.D
Acq: 19 Apr 2021 13:44

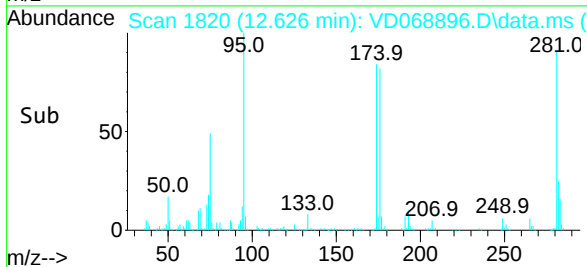
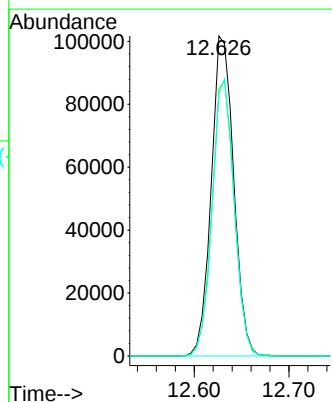
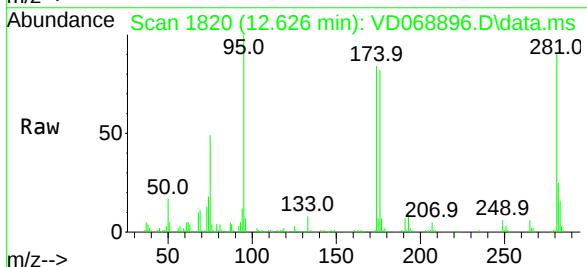
Instrument :
MSVOA_D
ClientSampled :
TP3-0-2

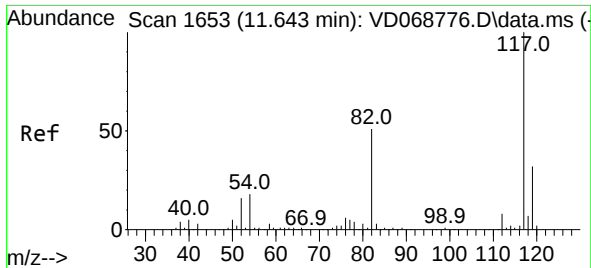
Tgt Ion: 43 Resp: 1536
Ion Ratio Lower Upper
43 100
58 187.1 37.3 55.9#



#62
4-Bromofluorobenzene
Concen: 63.98 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD068896.D
Acq: 19 Apr 2021 13:44

Tgt Ion: 95 Resp: 166931
Ion Ratio Lower Upper
95 100
174 85.8 0.0 168.0
176 84.6 0.0 160.2

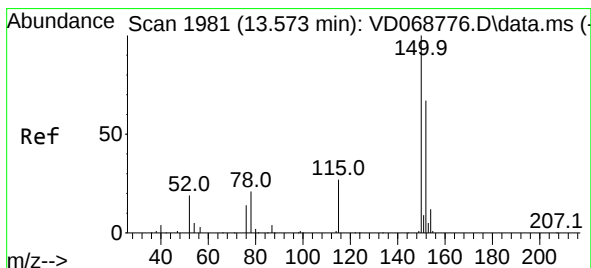
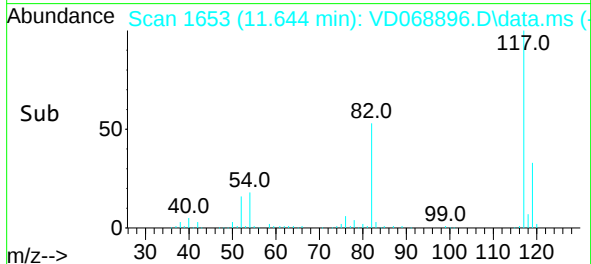
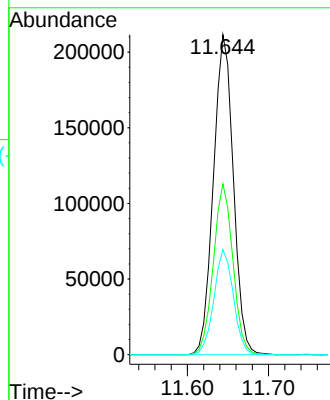
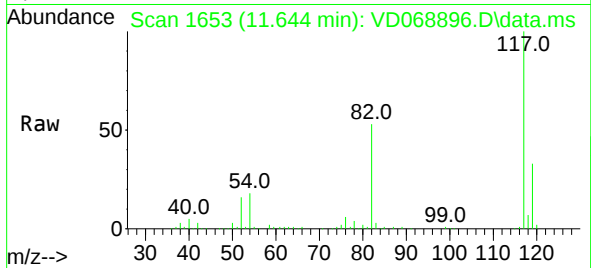




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068896.D
Acq: 19 Apr 2021 13:44

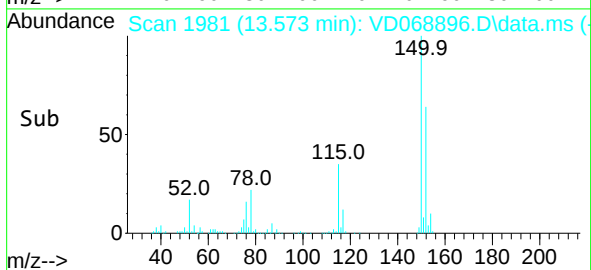
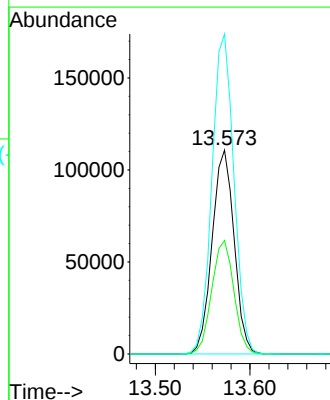
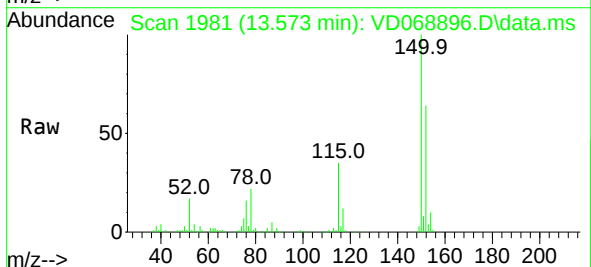
Instrument :
MSVOA_D
ClientSampleId :
TP3-0-2

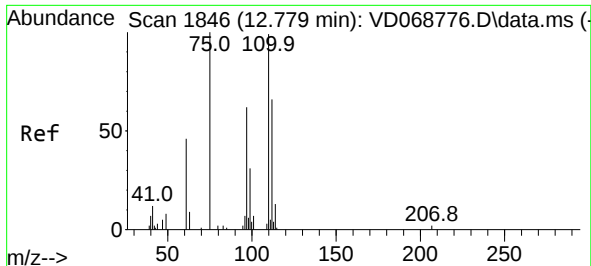
Tgt Ion:117 Resp: 361278
Ion Ratio Lower Upper
117 100
82 53.4 43.5 65.3
119 32.8 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068896.D
Acq: 19 Apr 2021 13:44

Tgt Ion:152 Resp: 179027
Ion Ratio Lower Upper
152 100
115 55.9 29.3 87.8
150 156.3 0.0 347.6

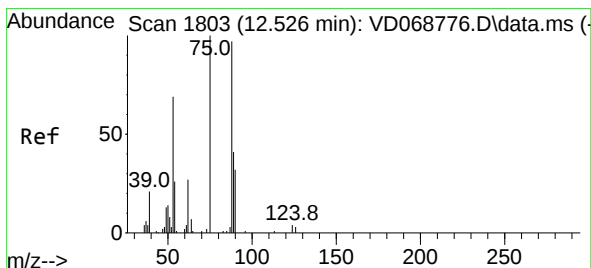
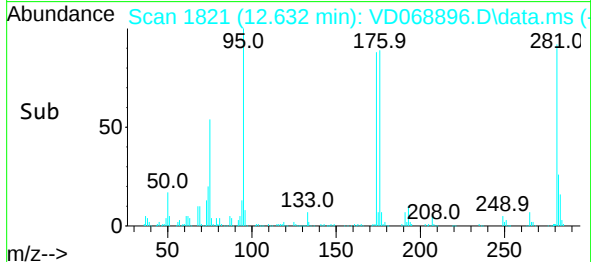
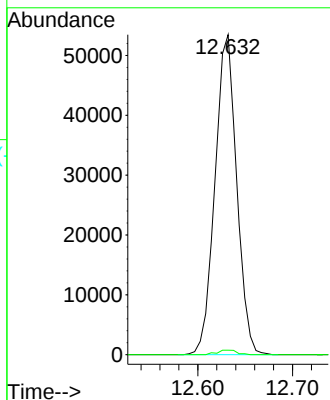
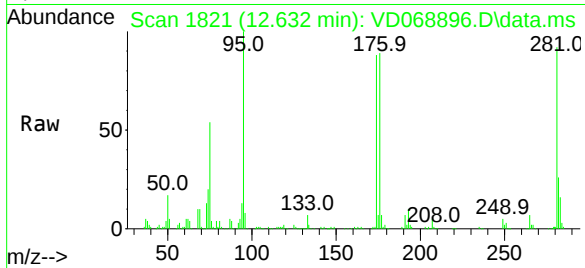




#76
1,2,3-Trichloropropane
Concen: 52.07 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.147 min
Lab File: VD068896.D
Acq: 19 Apr 2021 13:44

Instrument :
MSVOA_D
ClientSampleId :
TP3-0-2

Tgt Ion: 75 Resp: 85156
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 120.83 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068896.D
Acq: 19 Apr 2021 13:44

Tgt Ion: 75 Resp: 85156
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 1.0 36.6 54.8#

