

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041621\
 Data File : VD068886.D
 Acq On : 16 Apr 2021 20:08
 Operator : VA/SY
 Sample : M2063-01
 Misc : 6.44G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP1-0-2

Quant Time: Apr 16 23:52:40 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)

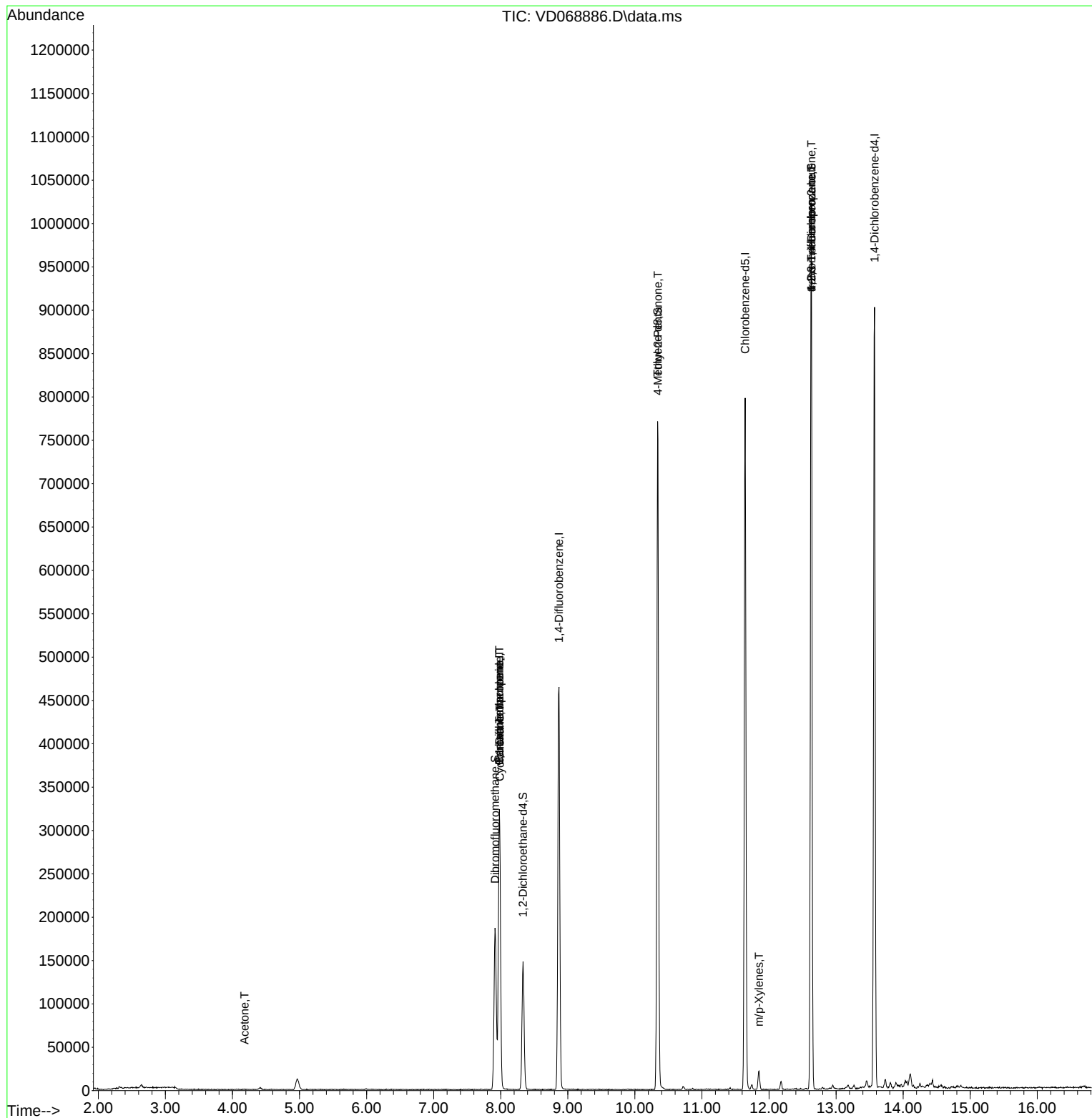
Internal Standards						
1) Pentafluorobenzene	7.979	168	253637	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	430876	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	483347	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	249546	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	116225	43.36	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	86.72%		
35) Dibromofluoromethane	7.914	113	136205	48.60	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.20%		
50) Toluene-d8	10.338	98	545379	51.58	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	103.16%		
62) 4-Bromofluorobenzene	12.632	95	226424	64.48	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	128.96%		
Target Compounds						
					Qvalue	
16) Acetone	4.179	43	548	1.48	ug/l #	40
20) Methylene Chloride	4.967	84	11087	Below Cal		91
31) Cyclohexane	7.985	56	5261	1.18	ug/l #	40
36) 1,1-Dichloropropene	7.979	75	18612	4.27	ug/l #	49
38) Carbon Tetrachloride	7.979	117	24275	5.62	ug/l #	16
51) 4-Methyl-2-Pentanone	10.344	43	1833	1.39	ug/l #	1
68) m/p-Xylenes	11.849	106	7413	1.06	ug/l	92
76) 1,2,3-Trichloropropane	12.632	75	116349	51.04	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	116349	118.44	ug/l #	16

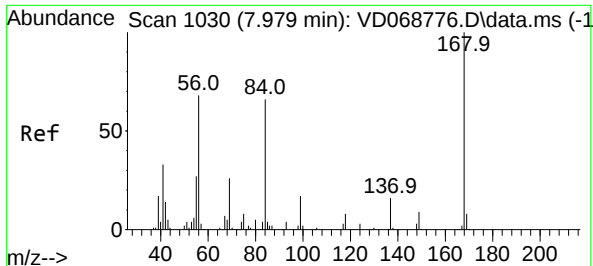
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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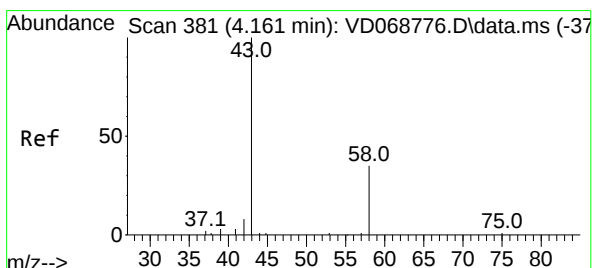
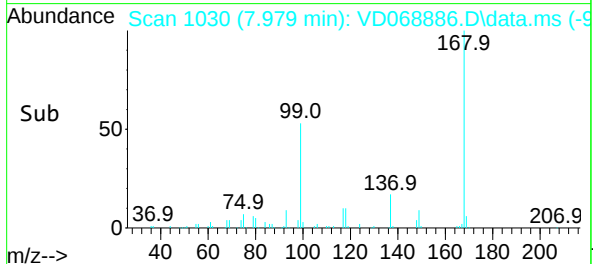
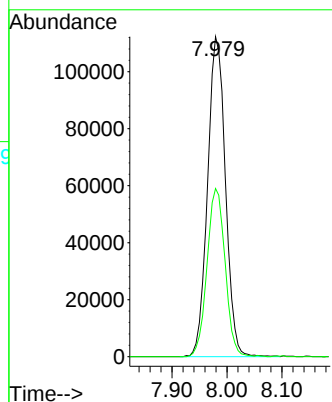
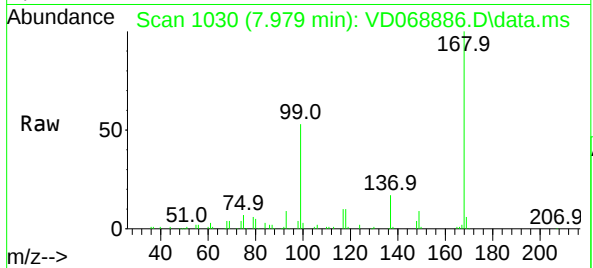




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD068886.D
Acq: 16 Apr 2021 20:08

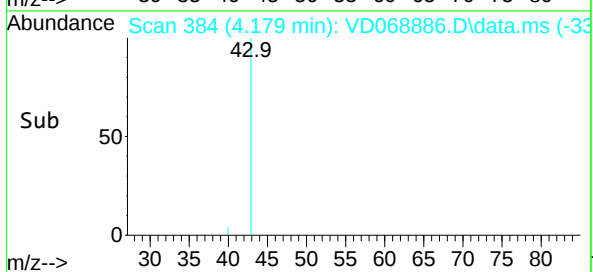
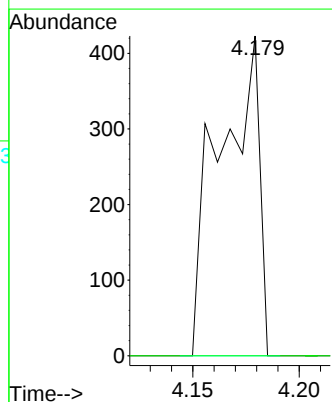
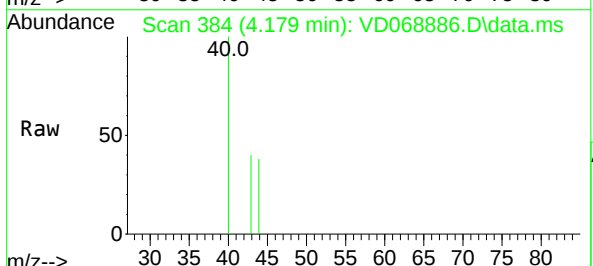
Instrument :
MSVOA_D
ClientSampled :
TP1-0-2

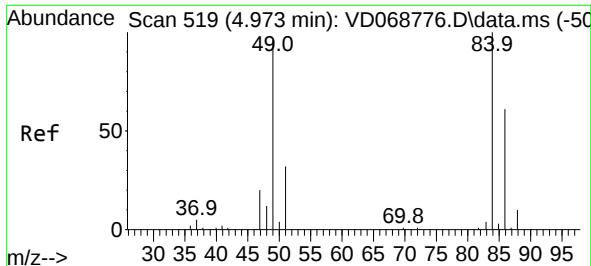
Tgt Ion:168 Resp: 253637
Ion Ratio Lower Upper
168 100
99 52.6 46.2 69.2



#16
Acetone
Concen: 1.48 ug/l
RT: 4.179 min Scan# 384
Delta R.T. 0.018 min
Lab File: VD068886.D
Acq: 16 Apr 2021 20:08

Tgt Ion: 43 Resp: 548
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#

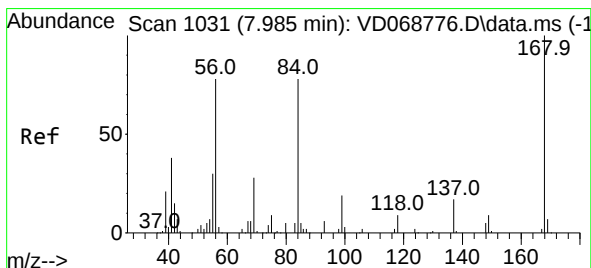
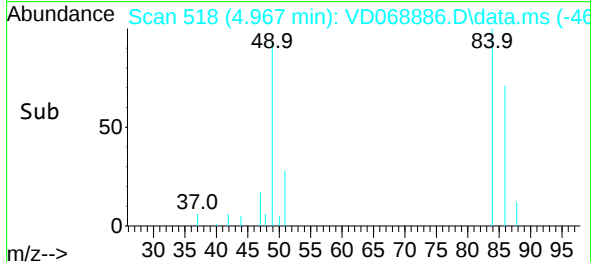
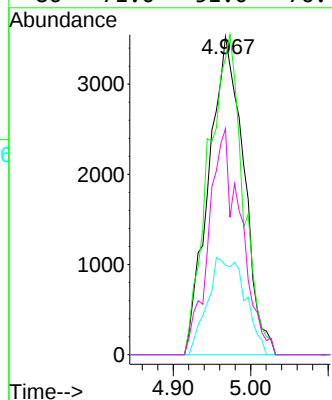
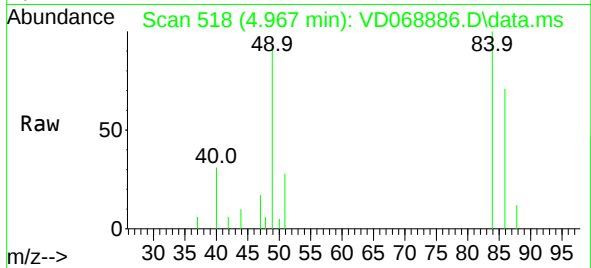




#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. -0.006 min
Lab File: VD068886.D
Acq: 16 Apr 2021 20:08

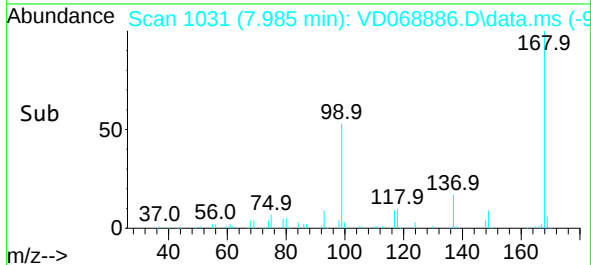
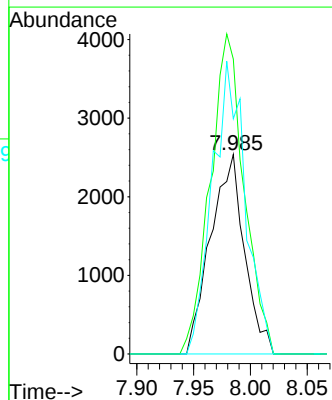
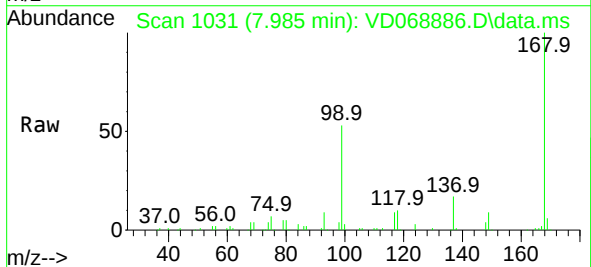
Instrument :
MSVOA_D
ClientSampled :
TP1-0-2

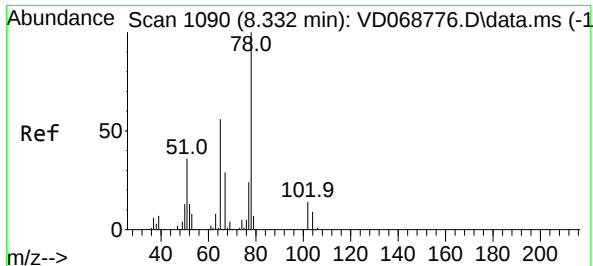
Tgt Ion:	84	Resp:	11087
Ion	Ratio	Lower	Upper
84	100		
49	93.1	83.4	125.0
51	28.1	23.4	35.2
86	71.0	51.0	76.4



#31
Cyclohexane
Concen: 1.18 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068886.D
Acq: 16 Apr 2021 20:08

Tgt Ion:	56	Resp:	5261
Ion	Ratio	Lower	Upper
56	100		
69	147.8	30.0	45.0#
84	117.9	82.0	123.0





#33

1,2-Dichloroethane-d4

Concen: 43.36 ug/l

RT: 8.332 min Scan# 1090

Delta R.T. -0.000 min

Lab File: VD068886.D

Acq: 16 Apr 2021 20:08

Tgt Ion: 65 Resp: 116225

Ion Ratio Lower Upper

65 100

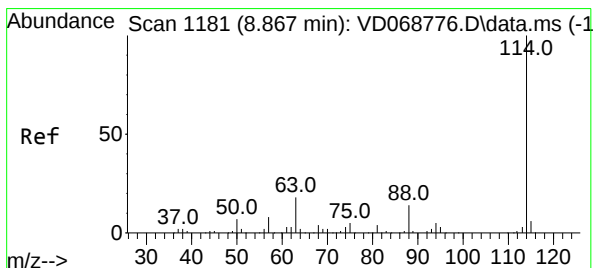
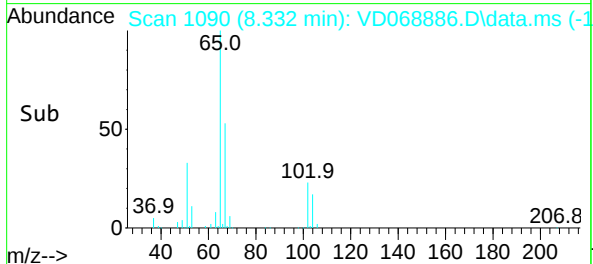
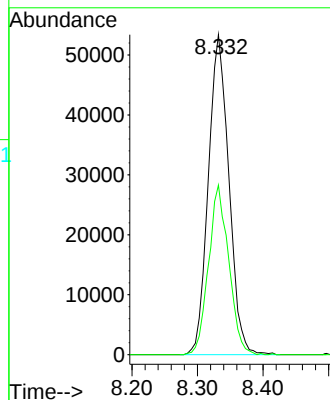
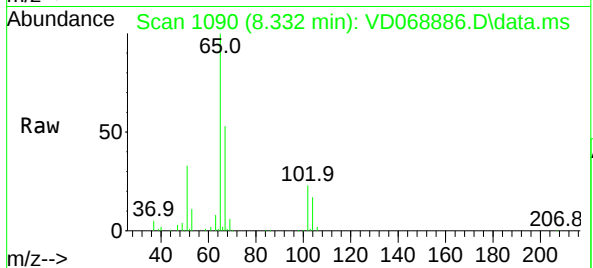
67 52.0 0.0 106.0

Instrument :

MSVOA_D

ClientSampled :

TP1-0-2



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.867 min Scan# 1181

Delta R.T. 0.000 min

Lab File: VD068886.D

Acq: 16 Apr 2021 20:08

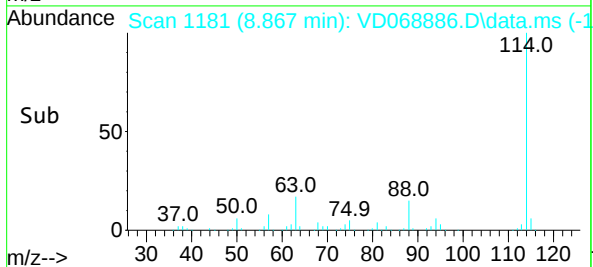
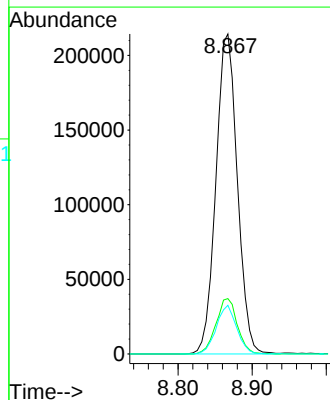
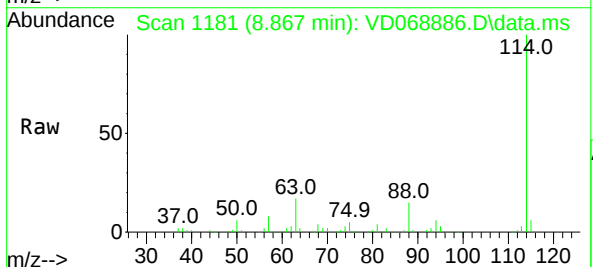
Tgt Ion: 114 Resp: 430876

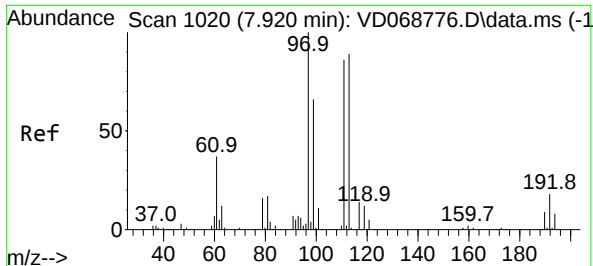
Ion Ratio Lower Upper

114 100

63 17.3 0.0 38.2

88 15.2 0.0 29.4





#35

Dibromofluoromethane

Concen: 48.60 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD068886.D

Acq: 16 Apr 2021 20:08

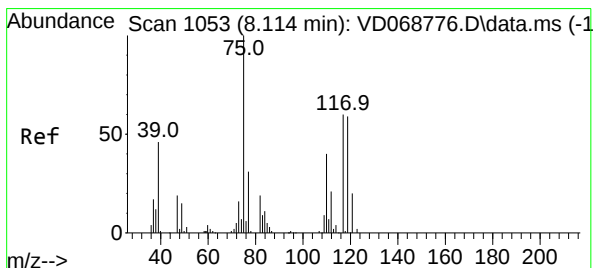
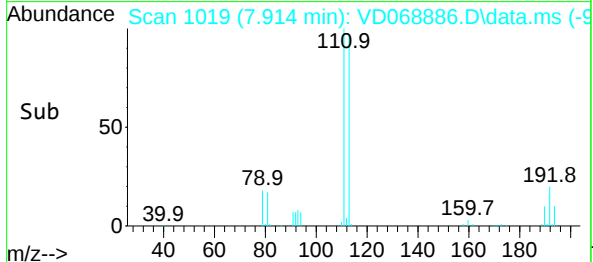
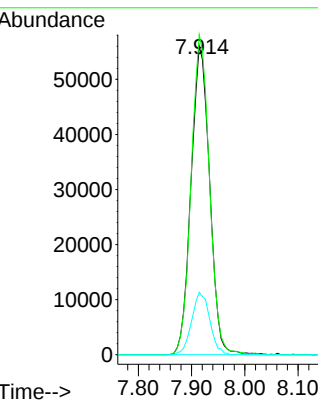
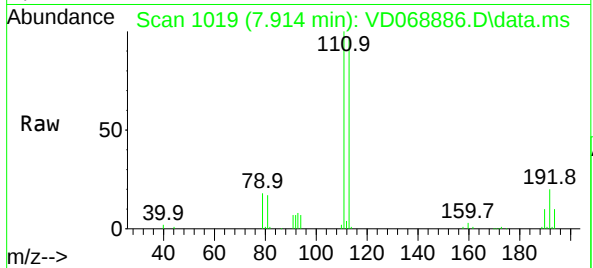
Tgt Ion:113 Resp: 136205

Ion Ratio Lower Upper

113 100

111 101.6 82.5 123.7

192 19.6 15.1 22.7



#36

1,1-Dichloropropene

Concen: 4.27 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.135 min

Lab File: VD068886.D

Acq: 16 Apr 2021 20:08

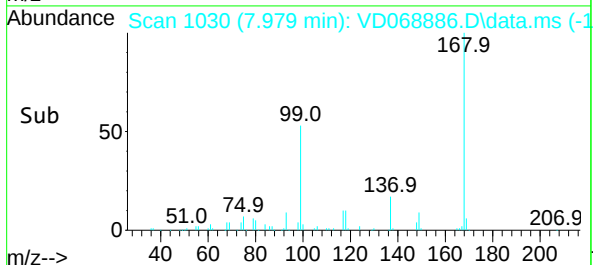
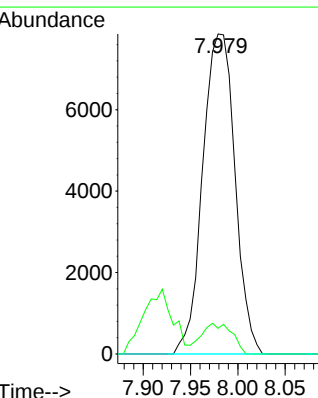
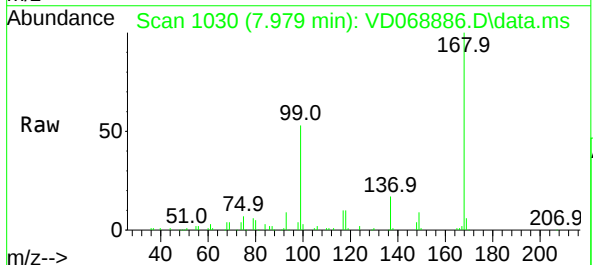
Tgt Ion: 75 Resp: 18612

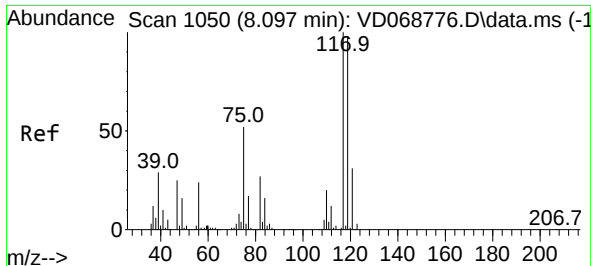
Ion Ratio Lower Upper

75 100

110 9.0 18.1 54.4#

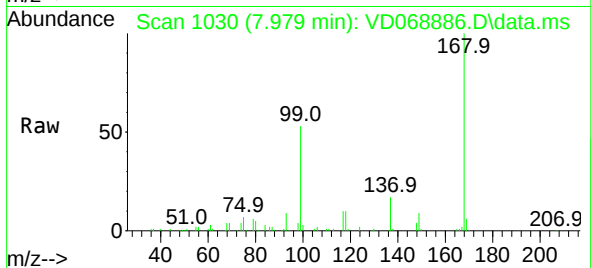
77 0.0 24.7 37.1#



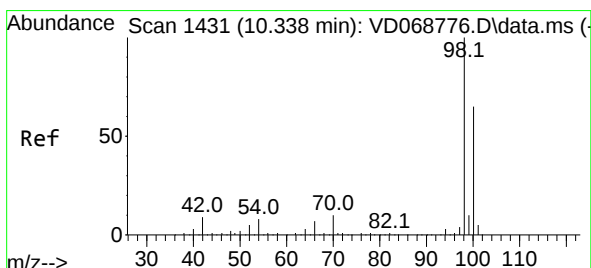
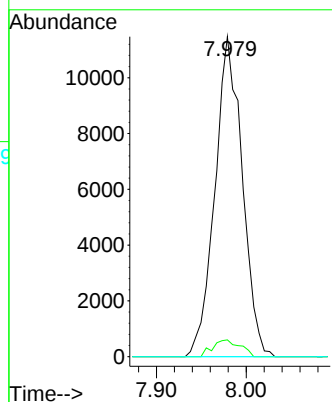
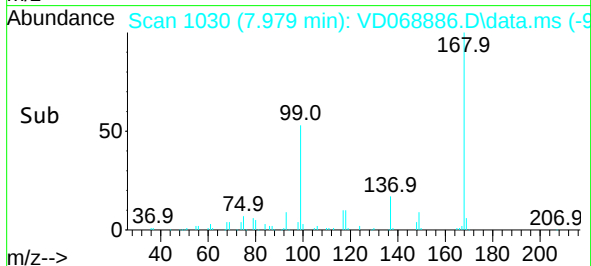


#38
Carbon Tetrachloride
Concen: 5.62 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD068886.D
Acq: 16 Apr 2021 20:08

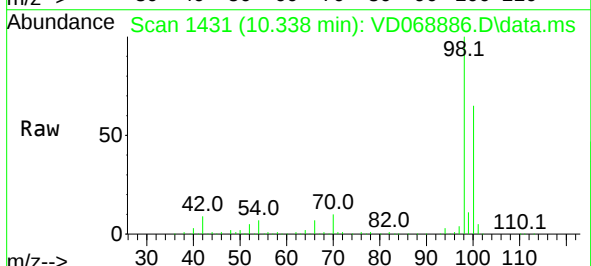
Instrument :
MSVOA_D
ClientSampleId :
TP1-0-2



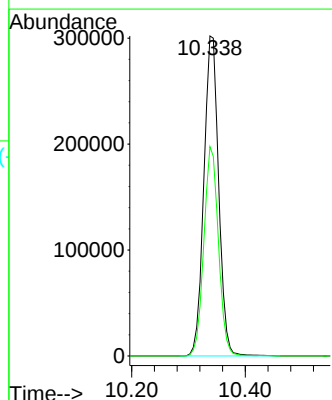
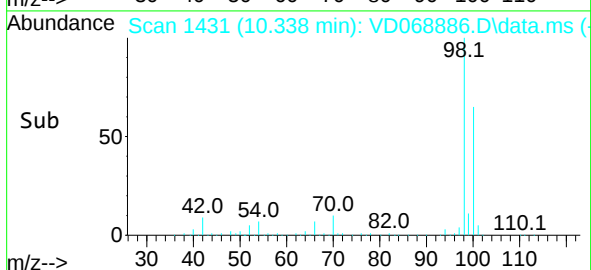
Tgt Ion:117 Resp: 24275
Ion Ratio Lower Upper
117 100
119 5.3 76.6 115.0#
121 0.0 26.1 39.1#

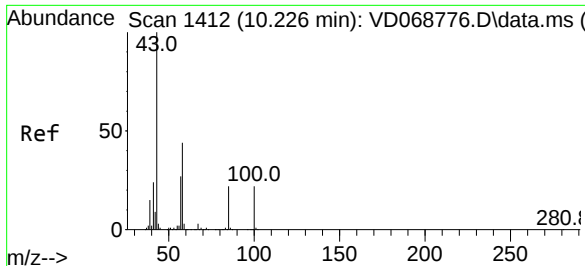


#50
Toluene-d8
Concen: 51.58 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068886.D
Acq: 16 Apr 2021 20:08



Tgt Ion: 98 Resp: 545379
Ion Ratio Lower Upper
98 100
100 64.5 51.8 77.6

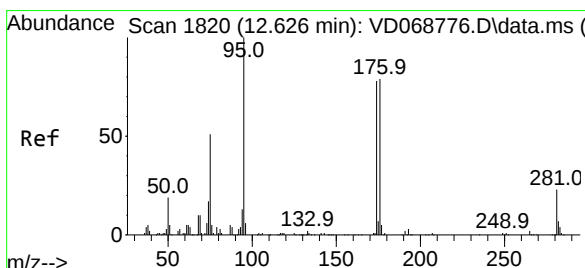
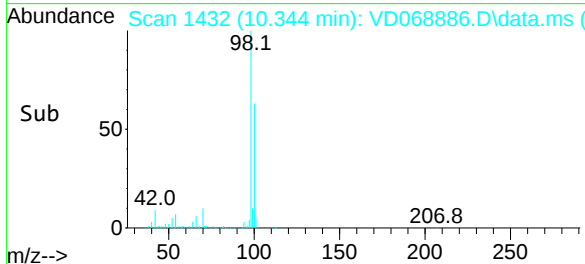
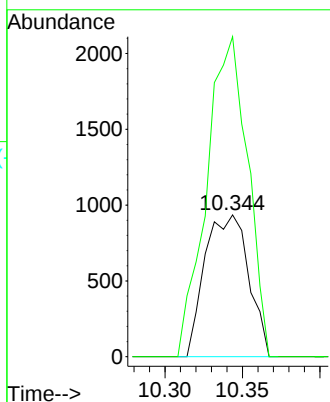
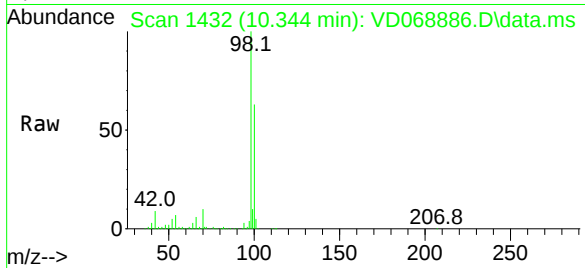




#51
4-Methyl-2-Pentanone
Concen: 1.39 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.118 min
Lab File: VD068886.D
Acq: 16 Apr 2021 20:08

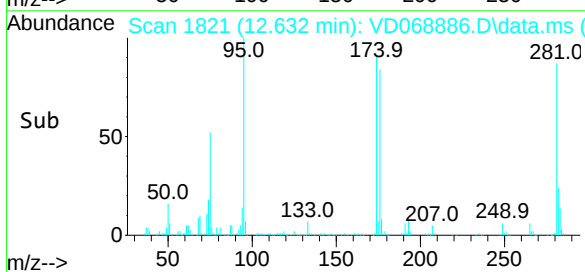
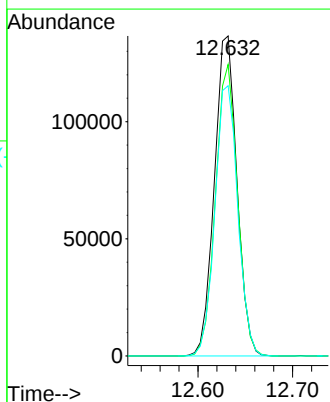
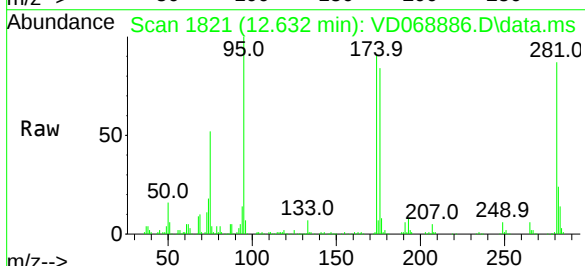
Instrument :
MSVOA_D
ClientSampled :
TP1-0-2

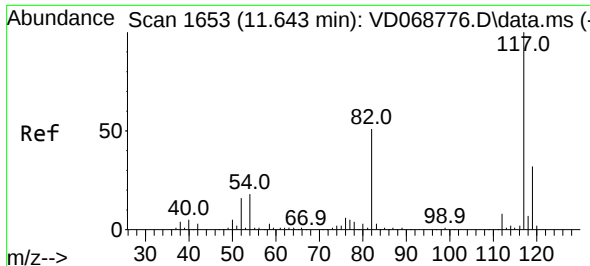
Tgt Ion: 43 Resp: 1833
Ion Ratio Lower Upper
43 100
58 212.0 37.3 55.9#



#62
4-Bromofluorobenzene
Concen: 64.48 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068886.D
Acq: 16 Apr 2021 20:08

Tgt Ion: 95 Resp: 226424
Ion Ratio Lower Upper
95 100
174 89.1 0.0 168.0
176 85.6 0.0 160.2

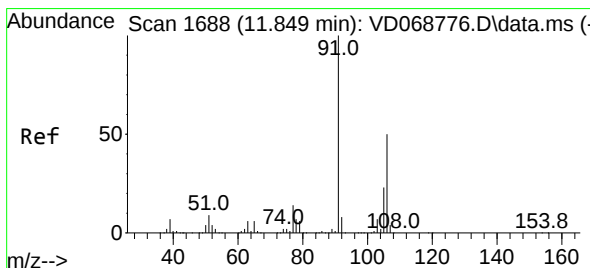
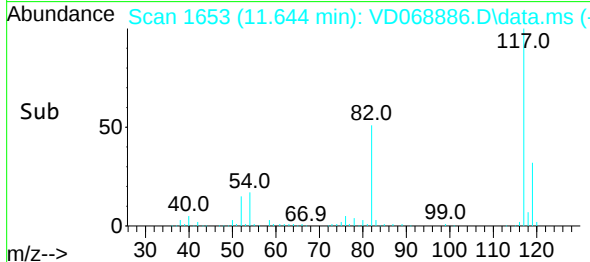
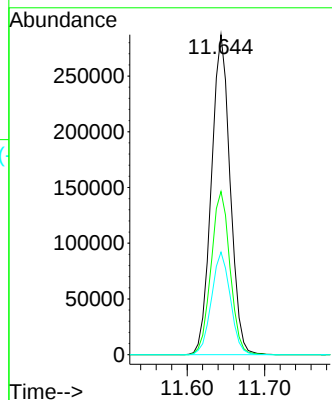
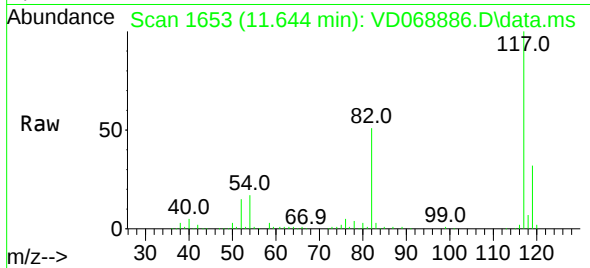




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068886.D
Acq: 16 Apr 2021 20:08

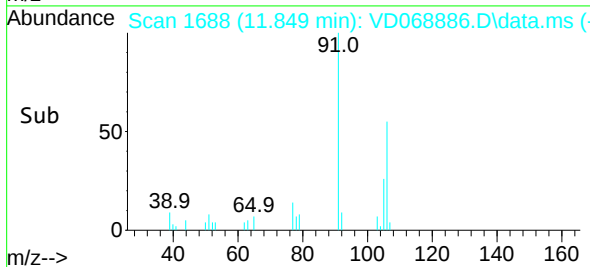
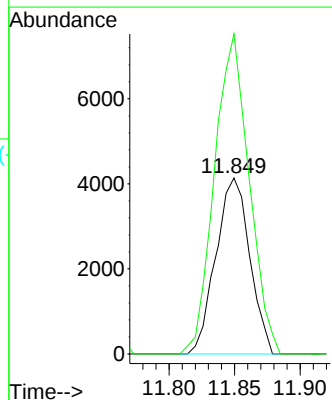
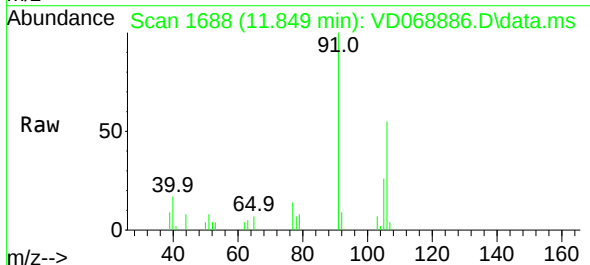
Instrument :
MSVOA_D
ClientSampled :
TP1-0-2

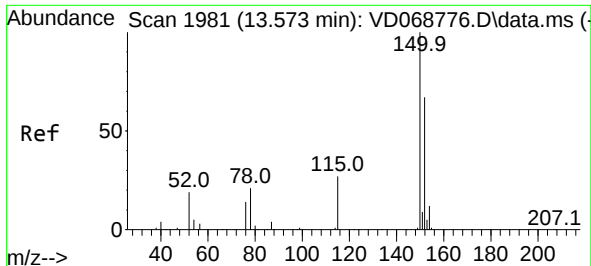
Tgt Ion:117 Resp: 483347
Ion Ratio Lower Upper
117 100
82 51.0 43.5 65.3
119 32.1 26.7 40.1



#68
m/p-Xylenes
Concen: 1.06 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VD068886.D
Acq: 16 Apr 2021 20:08

Tgt Ion:106 Resp: 7413
Ion Ratio Lower Upper
106 100
91 186.4 158.6 238.0

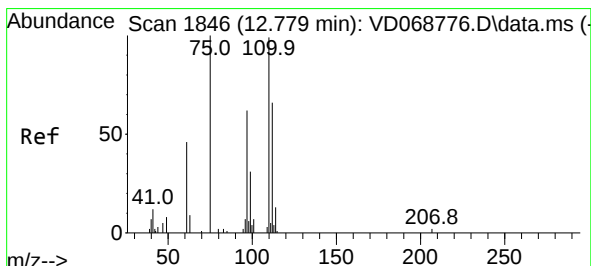
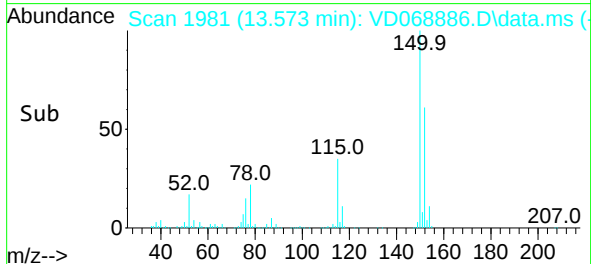
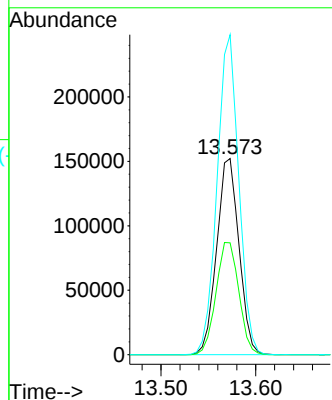
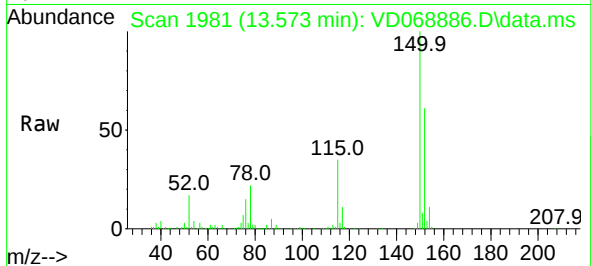




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068886.D
Acq: 16 Apr 2021 20:08

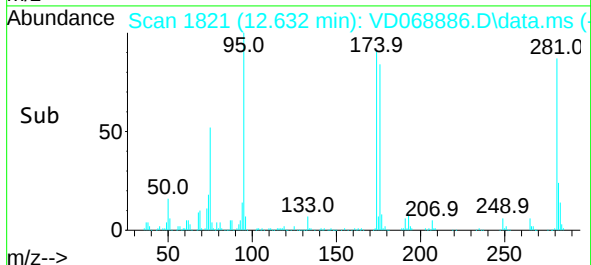
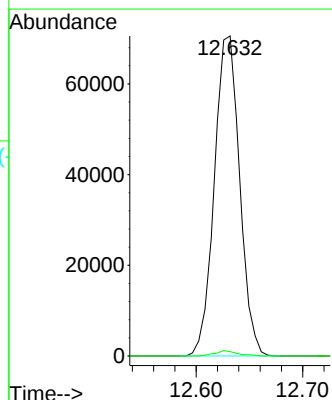
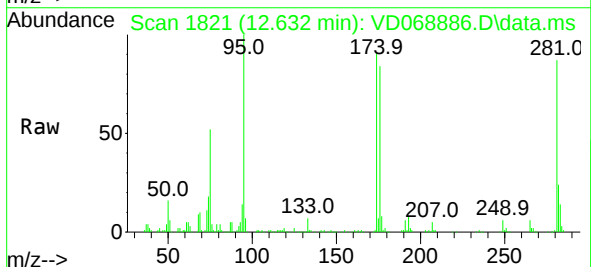
Instrument :
MSVOA_D
ClientSampled :
TP1-0-2

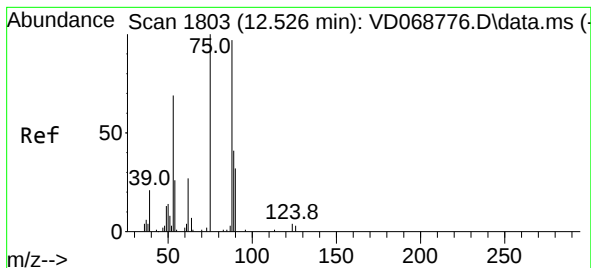
Tgt Ion:152 Resp: 249546
Ion Ratio Lower Upper
152 100
115 58.5 29.3 87.8
150 158.2 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 51.04 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.147 min
Lab File: VD068886.D
Acq: 16 Apr 2021 20:08

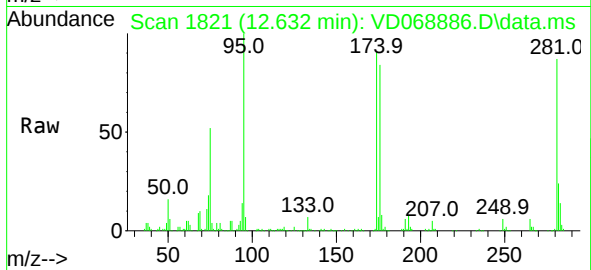
Tgt Ion: 75 Resp: 116349
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 118.44 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068886.D
 Acq: 16 Apr 2021 20:08

Instrument :
 MSVOA_D
 ClientSampleId :
 TP1-0-2



Tgt Ion: 75 Resp: 116349
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 1.0 36.6 54.8#

