

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030421\
 Data File : VD068530.D
 Acq On : 04 Mar 2021 17:29
 Operator : VA/SY
 Sample : M1565-07
 Misc : 6.35G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 05 00:03:13 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	249648	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	431783	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	430603	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	197250	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	139301	55.85	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.70%
35) Dibromofluoromethane	7.920	113	137972	53.04	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.08%
50) Toluene-d8	10.344	98	544684	52.57	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.14%
62) 4-Bromofluorobenzene	12.632	95	181575	54.38	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	108.76%

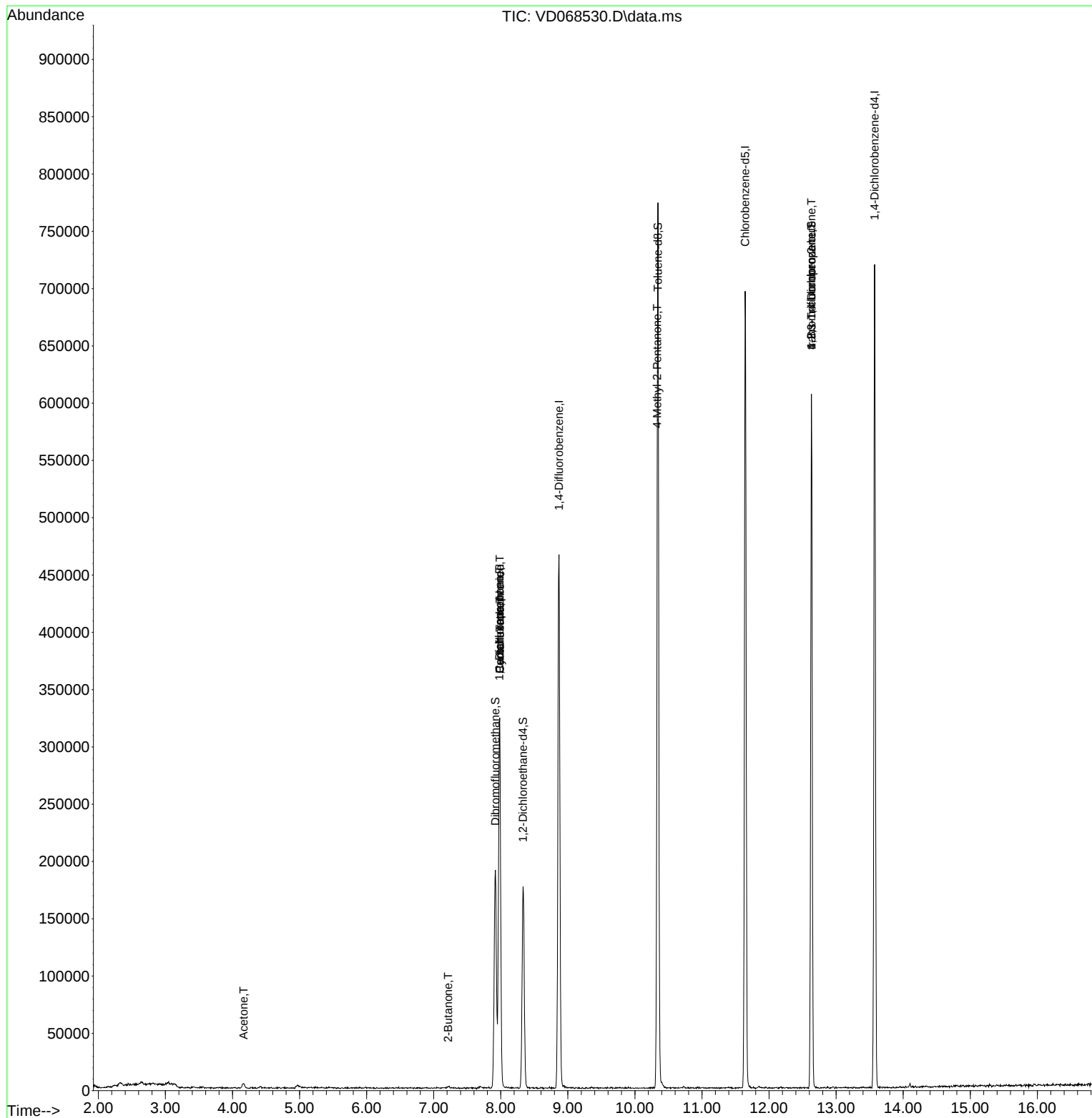
Target Compounds						Qvalue
16) Acetone	4.167	43	7004	17.68	ug/l	100
20) Methylene Chloride	4.973	84	2257	Below Cal	#	66
25) 2-Butanone	7.214	43	2252	3.95	ug/l	90
31) Cyclohexane	7.985	56	5070	1.12	ug/l	# 14
36) 1,1-Dichloropropene	7.979	75	19396	4.73	ug/l	# 48
38) Carbon Tetrachloride	7.985	117	23150	6.00	ug/l	# 16
51) 4-Methyl-2-Pentanone	10.332	43	2313	1.77	ug/l	# 1
76) 1,2,3-Trichloropropane	12.632	75	91645	52.34	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.632	75	91645	122.13	ug/l	# 13

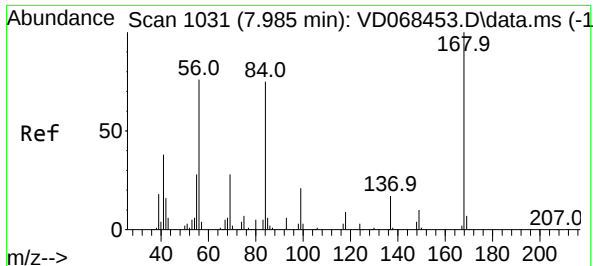
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

Quant Time: Mar 05 00:03:13 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

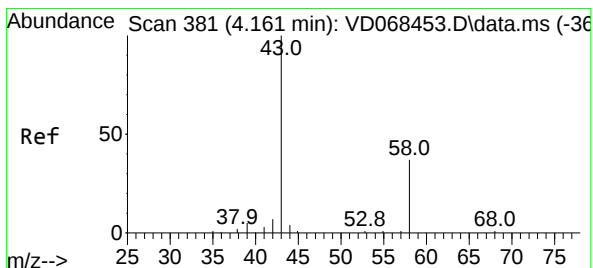
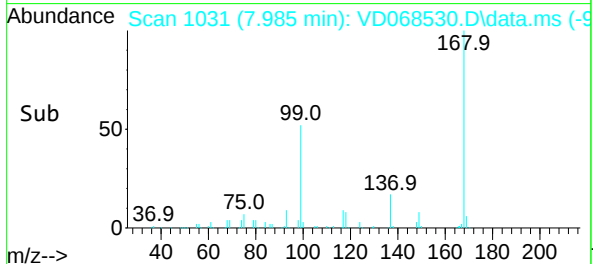
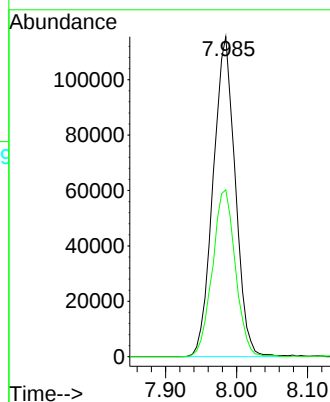
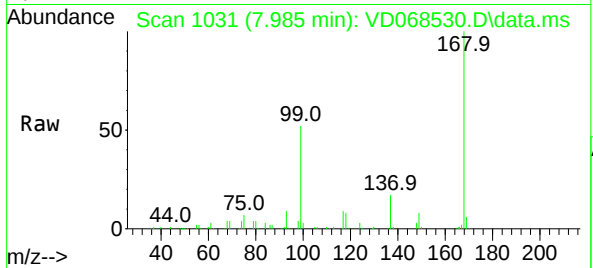




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068530.D
Acq: 04 Mar 2021 17:29

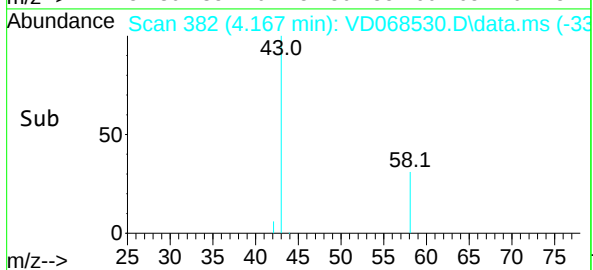
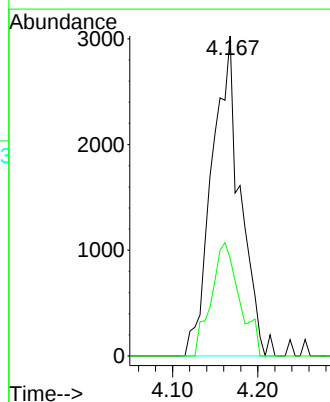
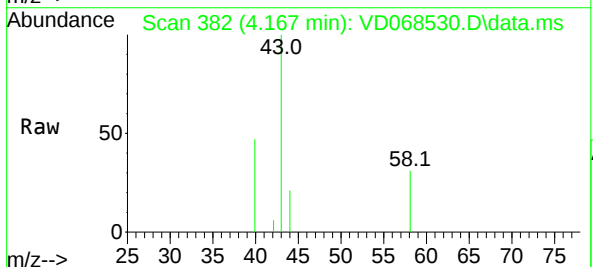
Instrument :
MSVOA_D
ClientSampled :

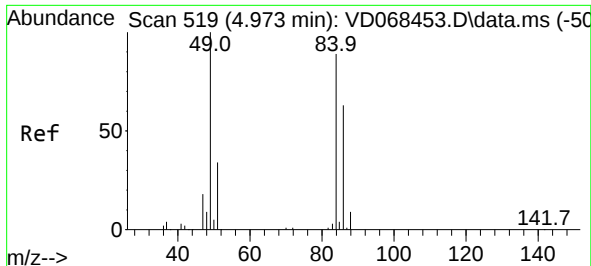
Tgt Ion:168 Resp: 249648
Ion Ratio Lower Upper
168 100
99 52.1 43.5 65.3



#16
Acetone
Concen: 17.68 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD068530.D
Acq: 04 Mar 2021 17:29

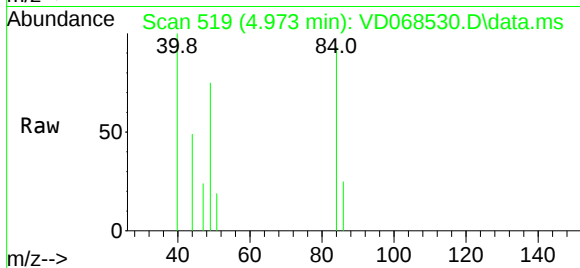
Tgt Ion: 43 Resp: 7004
Ion Ratio Lower Upper
43 100
58 30.6 24.2 36.4



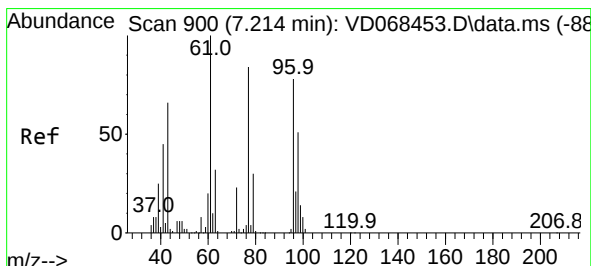
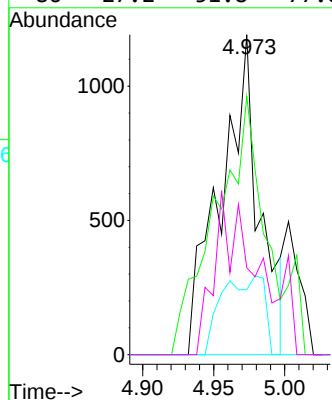
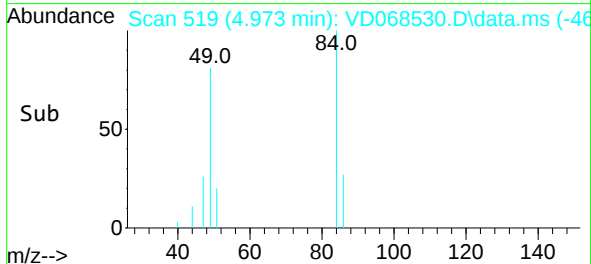


#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 519
Delta R.T. 0.000 min
Lab File: VD068530.D
Acq: 04 Mar 2021 17:29

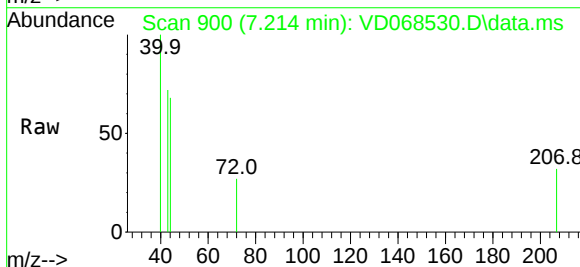
Instrument :
MSVOA_D
ClientSampleId :



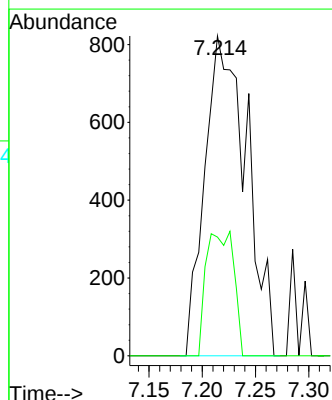
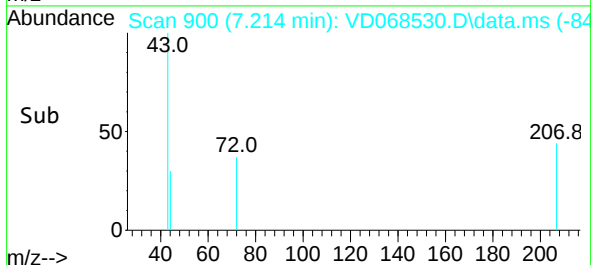
Tgt Ion:	84	Resp:	2257
Ion	Ratio	Lower	Upper
84	100		
49	67.7	77.4	116.2#
51	20.3	26.1	39.1#
86	27.2	51.8	77.8#

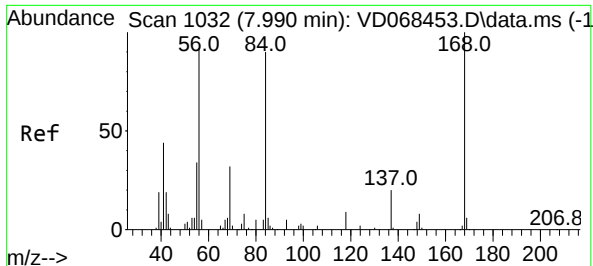


#25
2-Butanone
Concen: 3.95 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.000 min
Lab File: VD068530.D
Acq: 04 Mar 2021 17:29



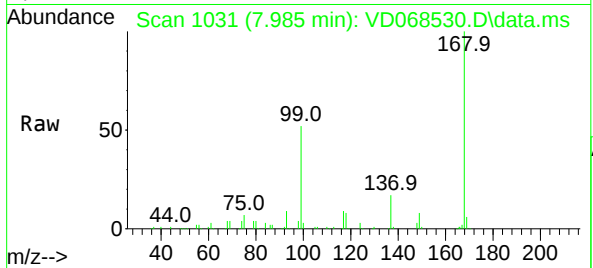
Tgt Ion:	43	Resp:	2252
Ion	Ratio	Lower	Upper
43	100		
72	37.1	25.1	37.7



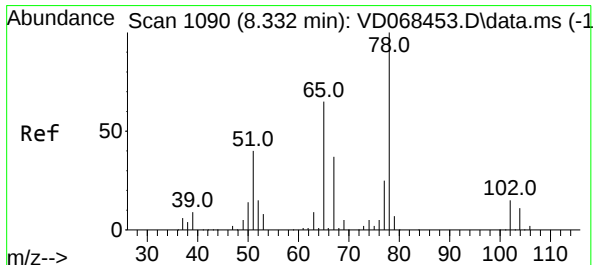
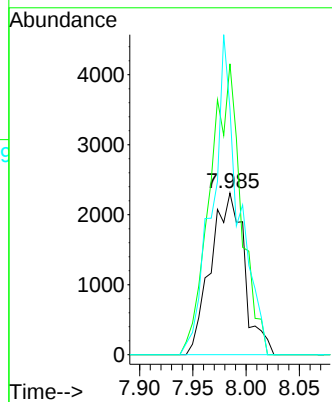
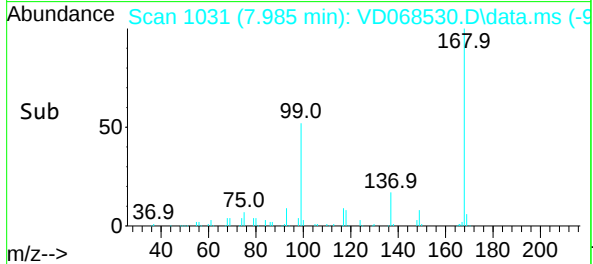


#31
Cyclohexane
Concen: 1.12 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD068530.D
Acq: 04 Mar 2021 17:29

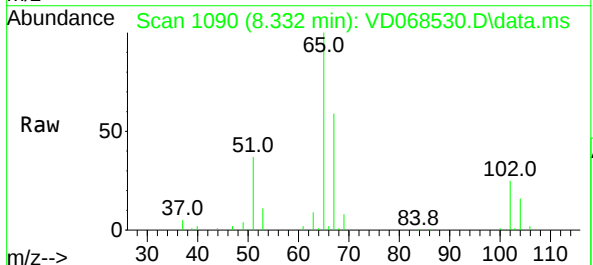
Instrument :
MSVOA_D
ClientSampleId :



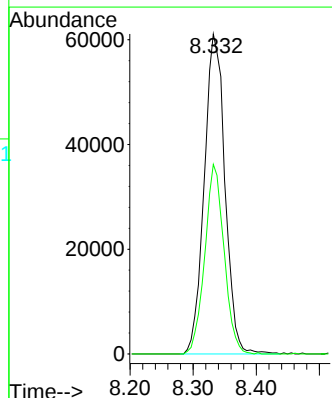
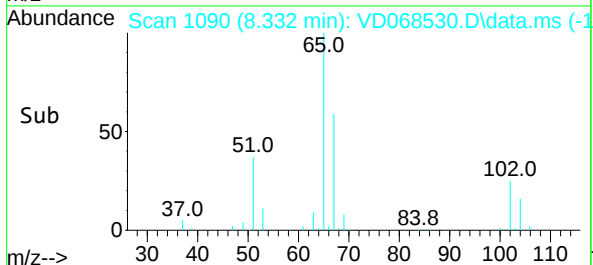
Tgt Ion: 56 Resp: 5070
Ion Ratio Lower Upper
56 100
69 166.8 30.1 45.1#
84 141.1 82.1 123.1#

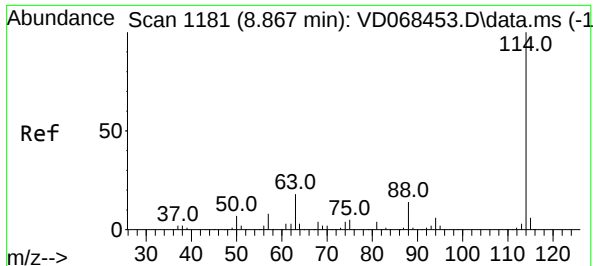


#33
1,2-Dichloroethane-d4
Concen: 55.85 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068530.D
Acq: 04 Mar 2021 17:29



Tgt Ion: 65 Resp: 139301
Ion Ratio Lower Upper
65 100
67 55.1 0.0 105.0

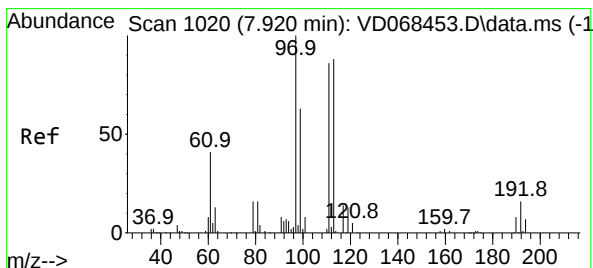
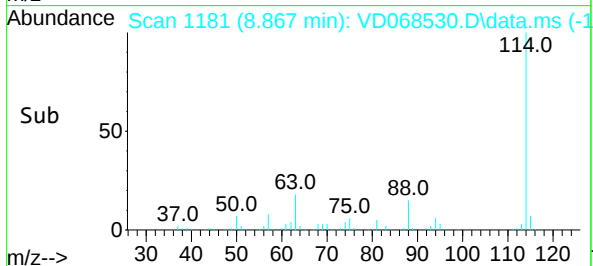
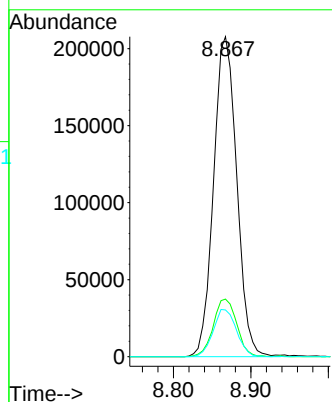
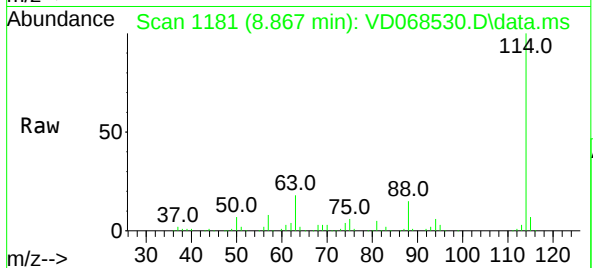




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068530.D
Acq: 04 Mar 2021 17:29

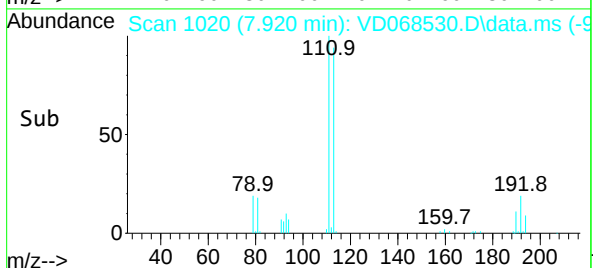
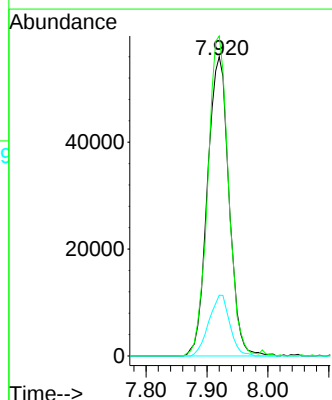
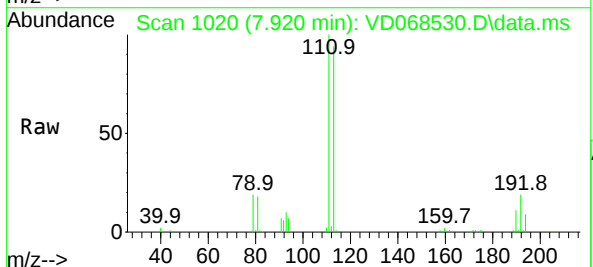
Instrument :
MSVOA_D
ClientSampled :

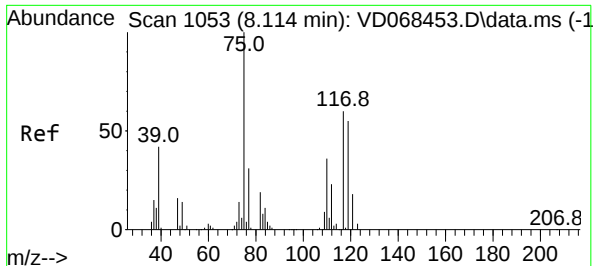
Tgt Ion:114 Resp: 431783
Ion Ratio Lower Upper
114 100
63 18.0 0.0 34.8
88 14.6 0.0 31.6



#35
Dibromofluoromethane
Concen: 53.04 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068530.D
Acq: 04 Mar 2021 17:29

Tgt Ion:113 Resp: 137972
Ion Ratio Lower Upper
113 100
111 102.6 81.4 122.0
192 19.6 16.1 24.1

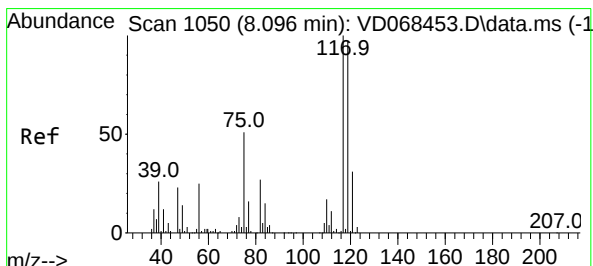
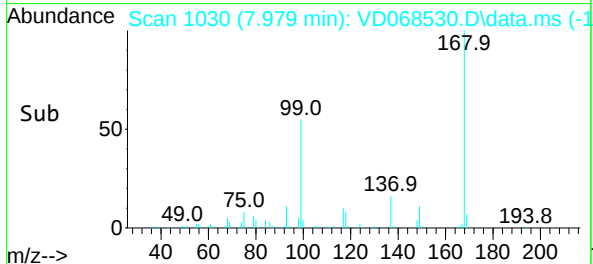
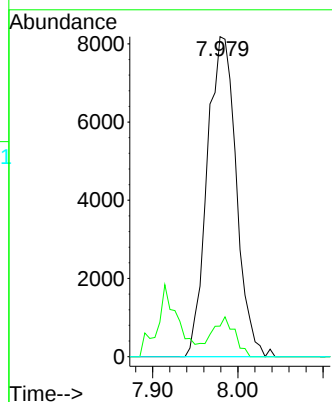
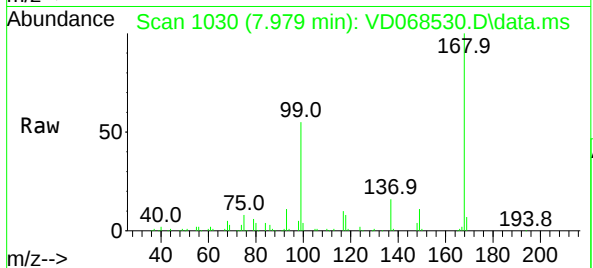




#36
1,1-Dichloropropene
Concen: 4.73 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.135 min
Lab File: VD068530.D
Acq: 04 Mar 2021 17:29

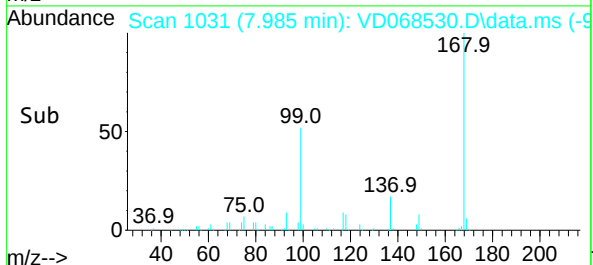
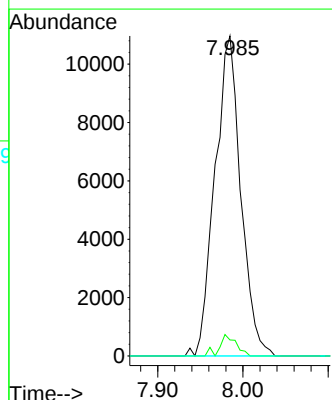
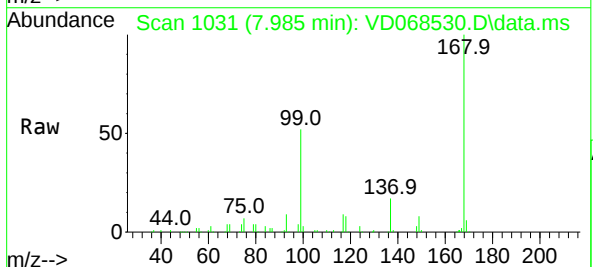
Instrument :
MSVOA_D
ClientSampled :

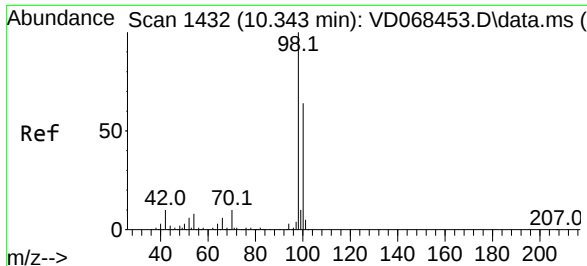
Tgt Ion: 75 Resp: 19396
Ion Ratio Lower Upper
75 100
110 9.1 19.4 58.2#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.111 min
Lab File: VD068530.D
Acq: 04 Mar 2021 17:29

Tgt Ion: 117 Resp: 23150
Ion Ratio Lower Upper
117 100
119 5.0 77.3 115.9#
121 0.0 24.7 37.1#

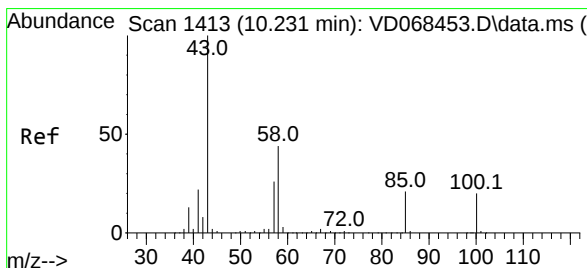
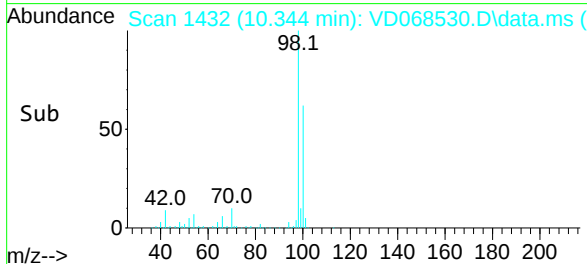
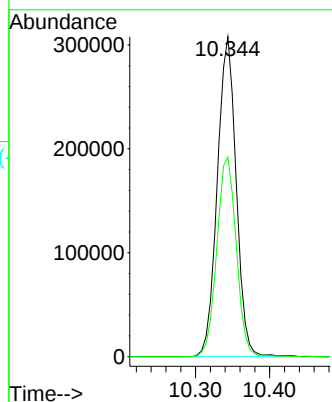
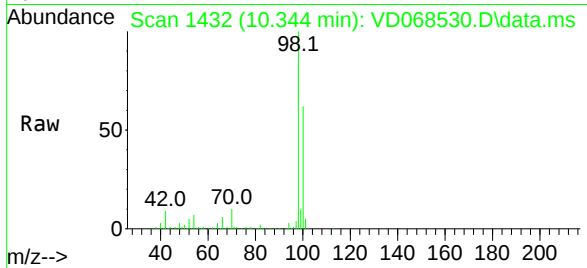




#50
Toluene-d8
Concen: 52.57 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068530.D
Acq: 04 Mar 2021 17:29

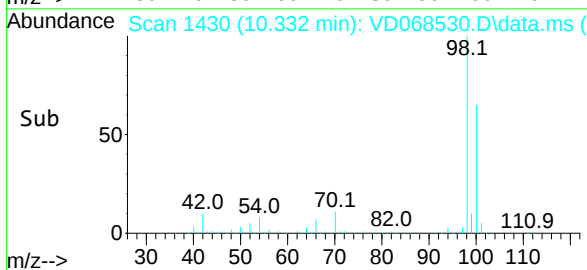
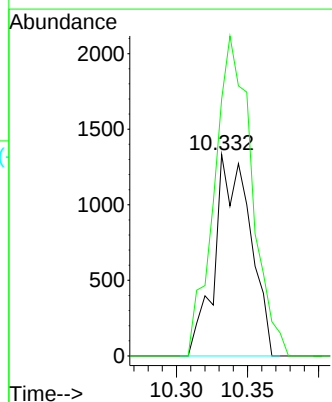
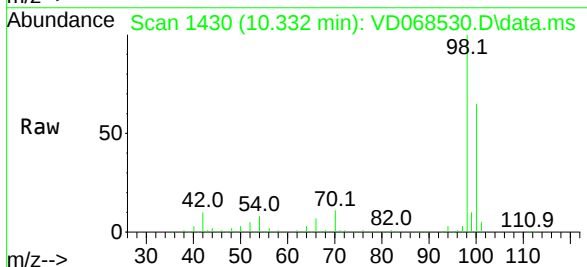
Instrument :
MSVOA_D
ClientSampled :

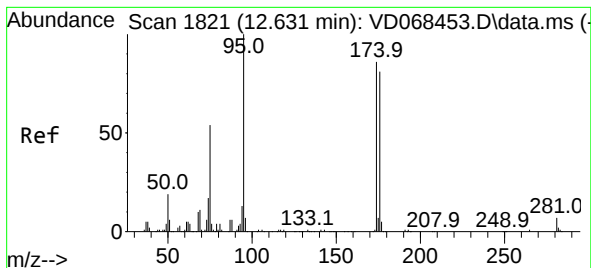
Tgt Ion: 98 Resp: 544684
Ion Ratio Lower Upper
98 100
100 64.3 53.0 79.4



#51
4-Methyl-2-Pentanone
Concen: 1.77 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.100 min
Lab File: VD068530.D
Acq: 04 Mar 2021 17:29

Tgt Ion: 43 Resp: 2313
Ion Ratio Lower Upper
43 100
58 167.7 36.1 54.1#

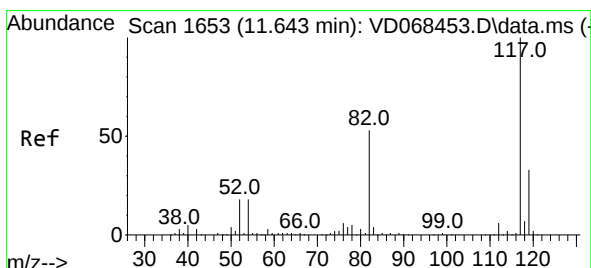
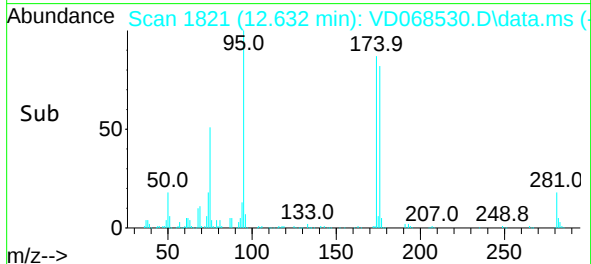
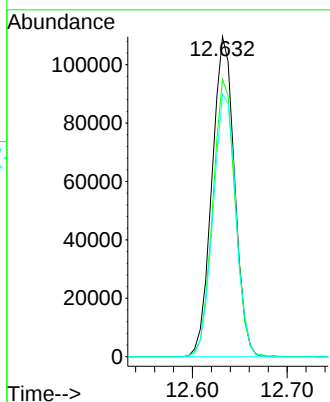
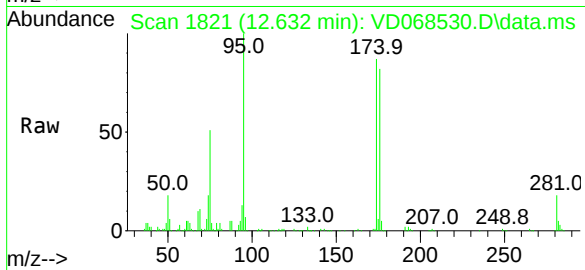




#62
4-Bromofluorobenzene
Concen: 54.38 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068530.D
Acq: 04 Mar 2021 17:29

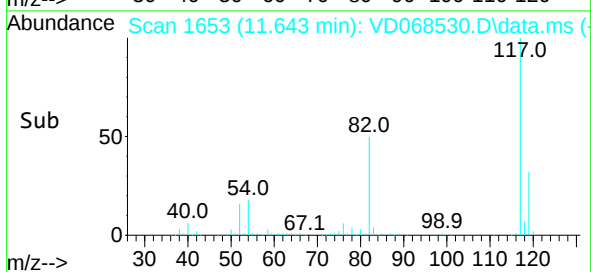
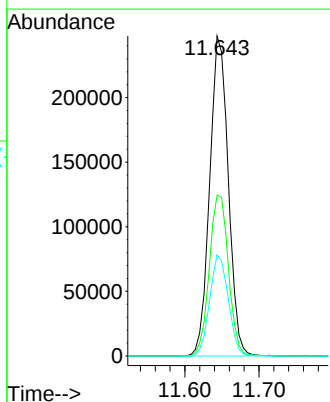
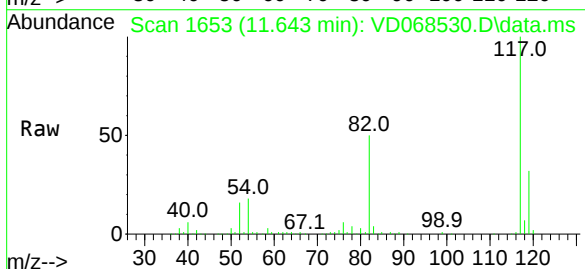
Instrument :
MSVOA_D
ClientSampleId :

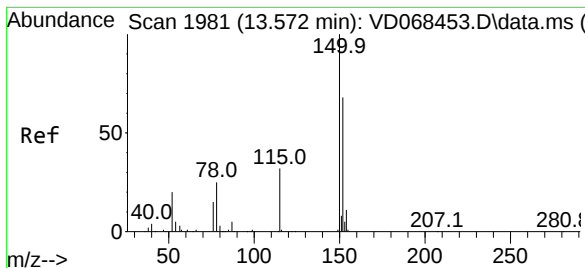
Tgt Ion: 95 Resp: 181575
Ion Ratio Lower Upper
95 100
174 86.2 0.0 172.4
176 83.1 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068530.D
Acq: 04 Mar 2021 17:29

Tgt Ion: 117 Resp: 430603
Ion Ratio Lower Upper
117 100
82 50.2 41.4 62.0
119 31.6 26.1 39.1

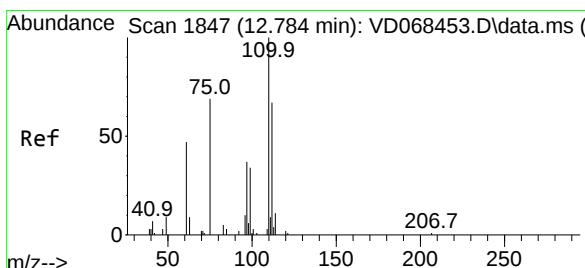
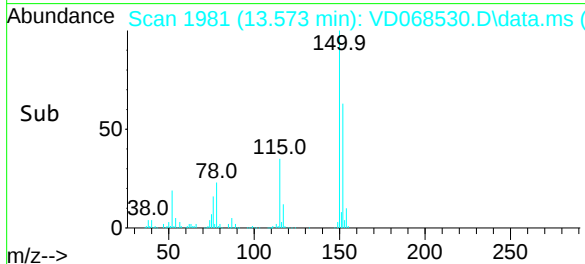
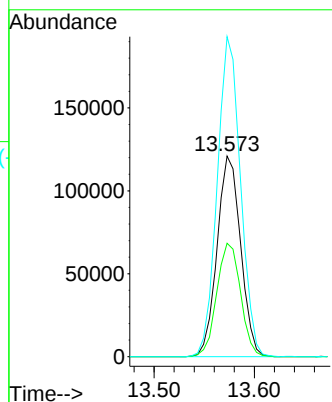
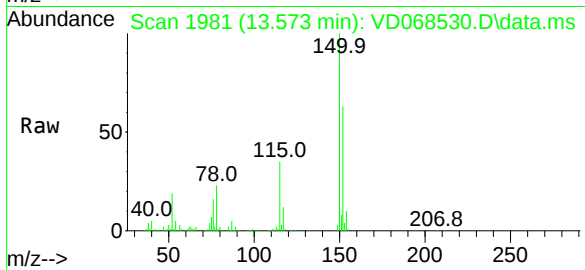




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068530.D
Acq: 04 Mar 2021 17:29

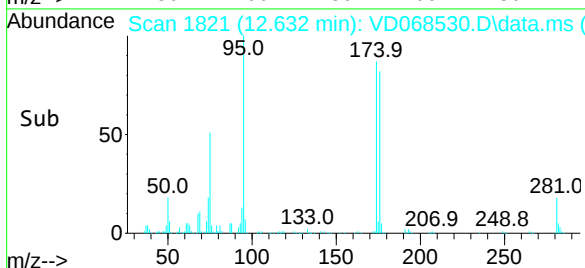
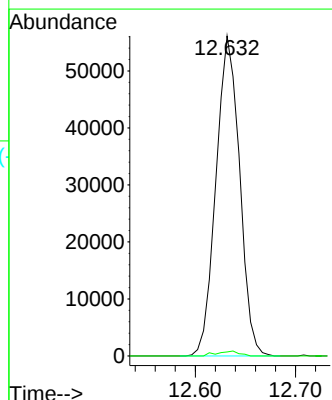
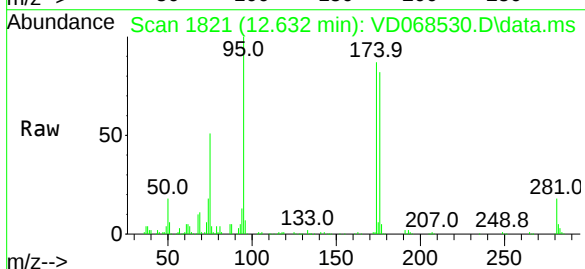
Instrument :
MSVOA_D
ClientSampled :

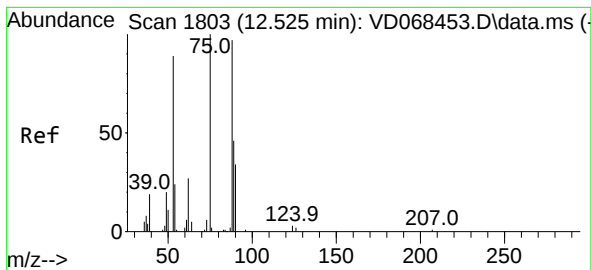
Tgt Ion:152 Resp: 197250
Ion Ratio Lower Upper
152 100
115 57.1 28.9 86.8
150 157.6 0.0 344.4



#76
1,2,3-Trichloropropane
Concen: 52.34 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.152 min
Lab File: VD068530.D
Acq: 04 Mar 2021 17:29

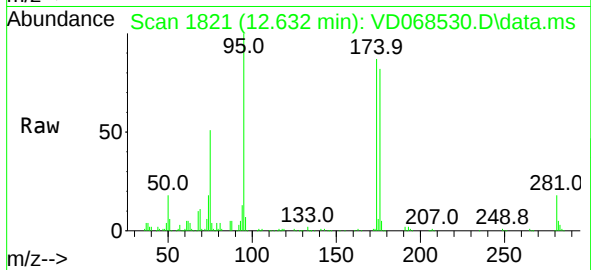
Tgt Ion: 75 Resp: 91645
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 122.13 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068530.D
 Acq: 04 Mar 2021 17:29

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	70.2	105.2#
89	0.0	40.3	60.5#

