

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD033121\
 Data File : VD068737.D
 Acq On : 31 Mar 2021 14:45
 Operator : VA/SY
 Sample : M1874-04
 Misc : 5.48G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 01 00:44:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031921S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 20 02:00:55 2021
 Response via : Initial Calibration

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

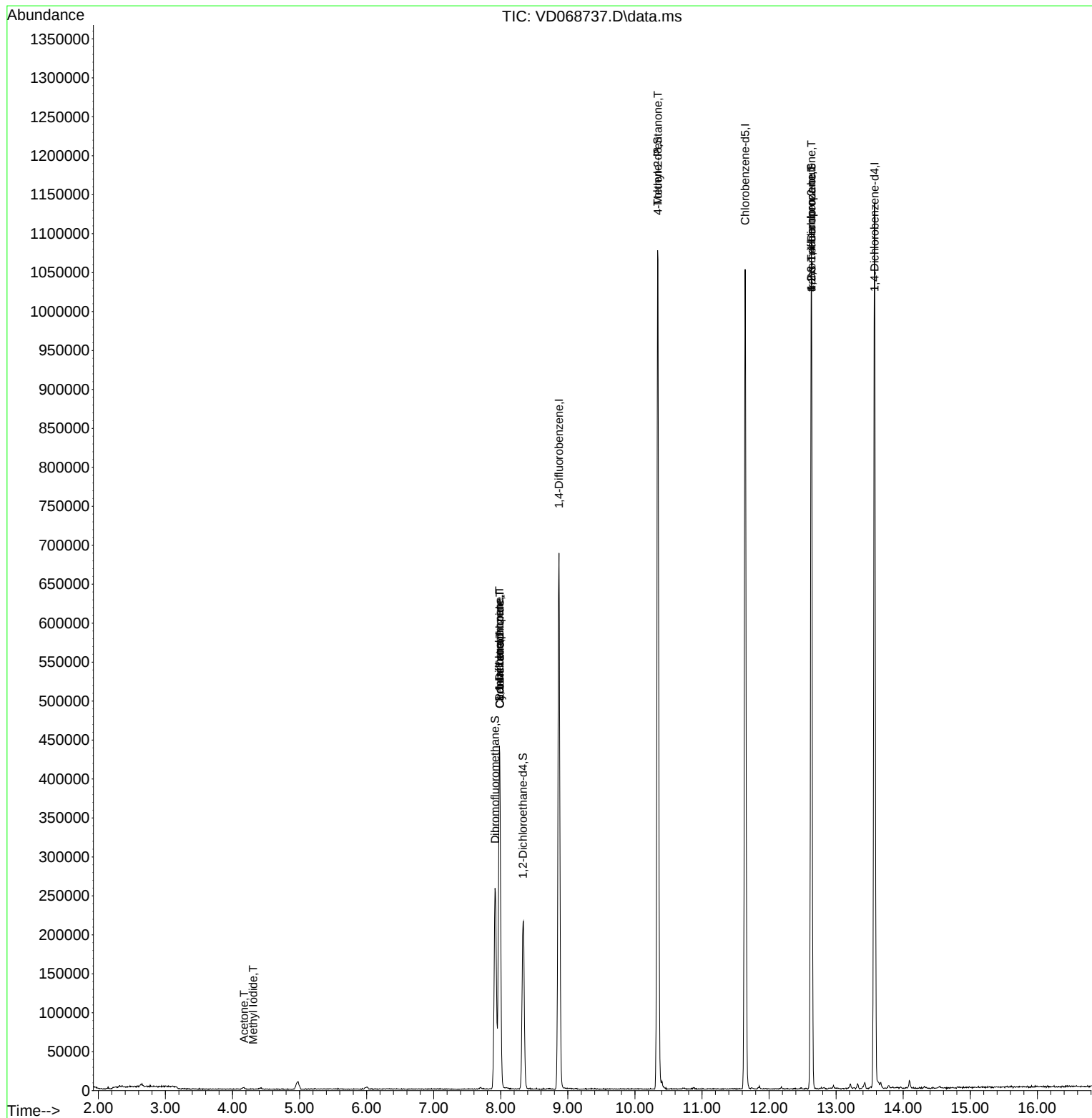
Internal Standards						
1) Pentafluorobenzene	7.979	168	330317	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	611140	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	627458	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.572	152	301170	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	180078	54.06	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.12%
35) Dibromofluoromethane	7.914	113	188158	49.48	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.96%
50) Toluene-d8	10.337	98	762523	52.01	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.02%
62) 4-Bromofluorobenzene	12.631	95	276096	58.09	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	116.18%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.308	142	58	3.48	ug/l #	41
16) Acetone	4.173	43	3699	9.15	ug/l	94
20) Methylene Chloride	4.967	84	8919	Below Cal	#	76
31) Cyclohexane	7.984	56	7287	1.36	ug/l #	48
36) 1,1-Dichloropropene	7.979	75	27062	4.96	ug/l #	48
38) Carbon Tetrachloride	7.984	117	32736	6.01	ug/l #	16
51) 4-Methyl-2-Pentanone	10.343	43	2864	1.67	ug/l #	1
76) 1,2,3-Trichloropropane	12.631	75	140059	55.87	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.631	75	140059	127.12	ug/l #	16

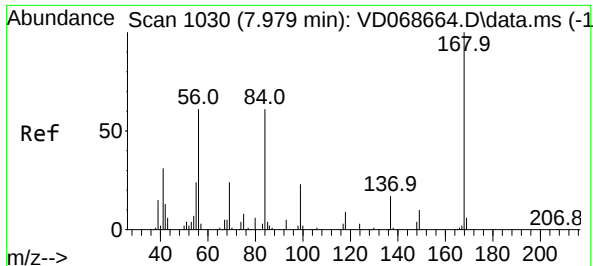
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031921S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 20 02:00:55 2021
Response via : Initial Calibration

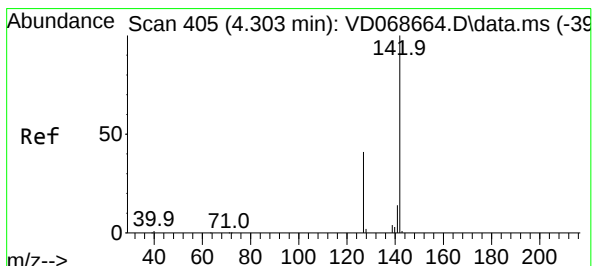
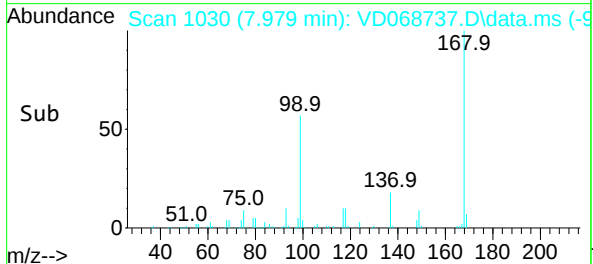
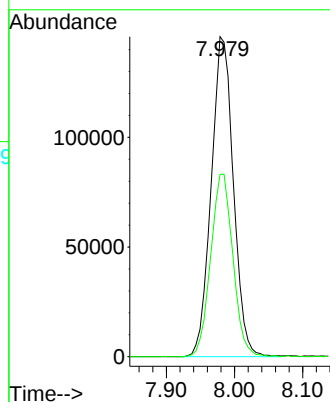
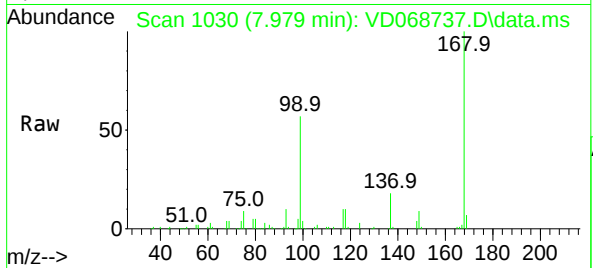




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD068737.D
Acq: 31 Mar 2021 14:45

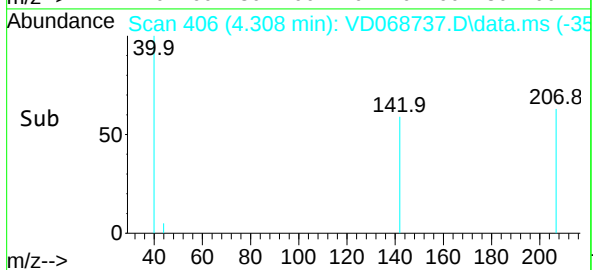
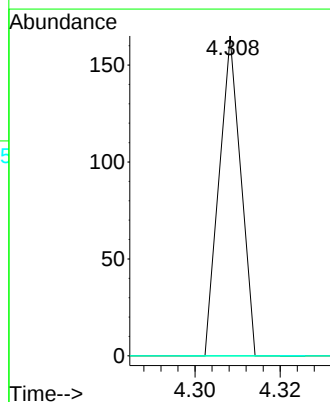
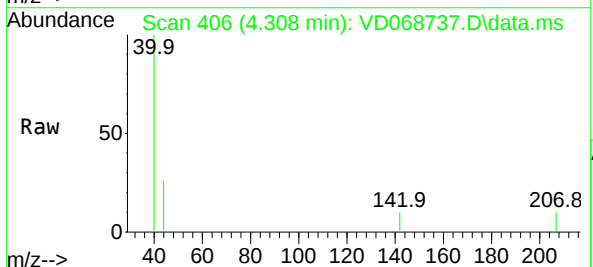
Instrument :
MSVOA_D
ClientSampleId :

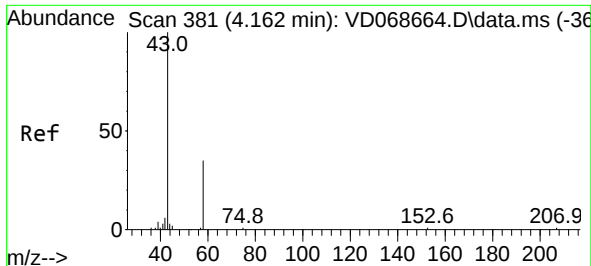
Tgt Ion:168 Resp: 330317
Ion Ratio Lower Upper
168 100
99 57.0 46.2 69.2



#10
Methyl Iodide
Concen: 3.48 ug/l
RT: 4.308 min Scan# 406
Delta R.T. 0.005 min
Lab File: VD068737.D
Acq: 31 Mar 2021 14:45

Tgt Ion:142 Resp: 58
Ion Ratio Lower Upper
142 100
127 0.0 34.7 52.1#
141 0.0 11.0 16.4#

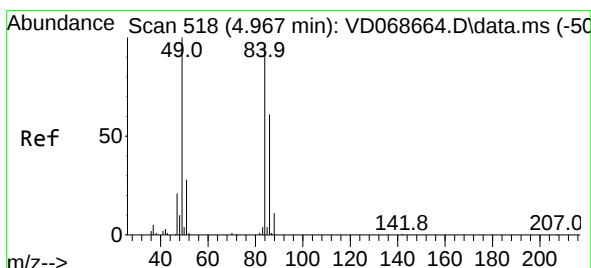
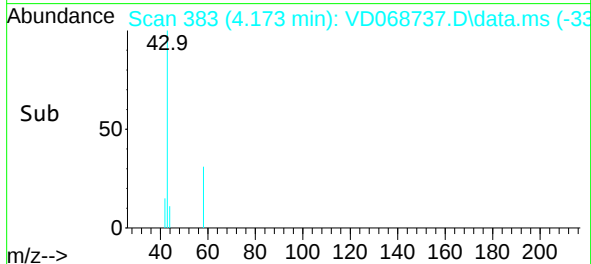
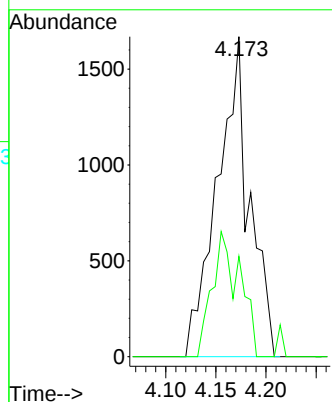
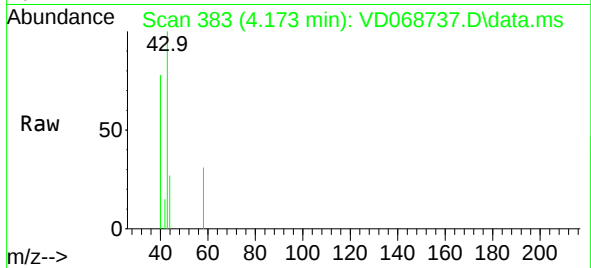




#16
Acetone
Concen: 9.15 ug/l
RT: 4.173 min Scan# 383
Delta R.T. 0.011 min
Lab File: VD068737.D
Acq: 31 Mar 2021 14:45

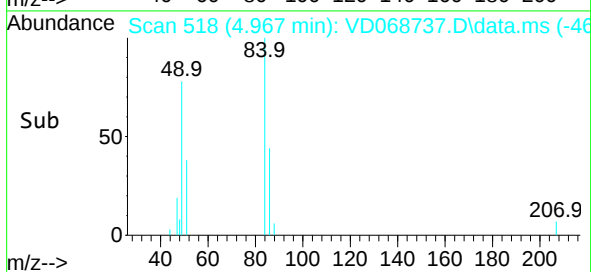
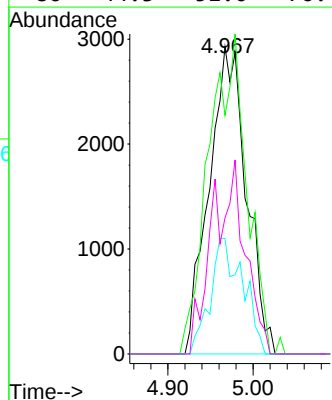
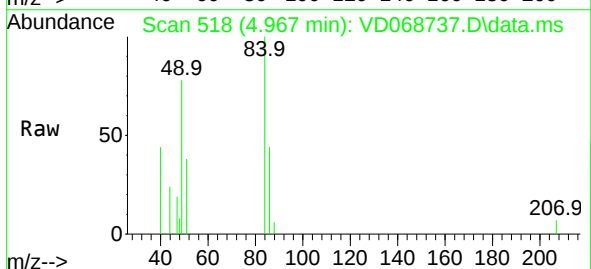
Instrument :
MSVOA_D
ClientSampleId :

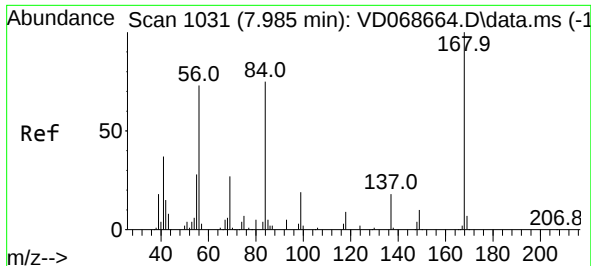
Tgt Ion: 43 Resp: 3699
Ion Ratio Lower Upper
43 100
58 31.3 28.0 42.0



#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. 0.000 min
Lab File: VD068737.D
Acq: 31 Mar 2021 14:45

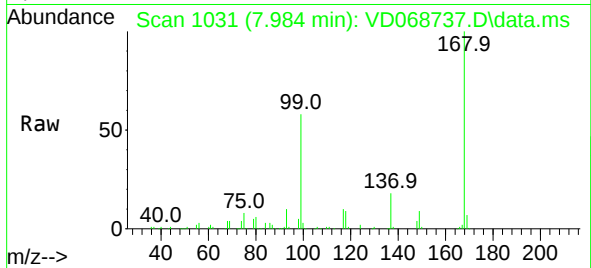
Tgt Ion: 84 Resp: 8919
Ion Ratio Lower Upper
84 100
49 77.7 83.4 125.0#
51 37.6 23.4 35.2#
86 44.3 51.0 76.4#



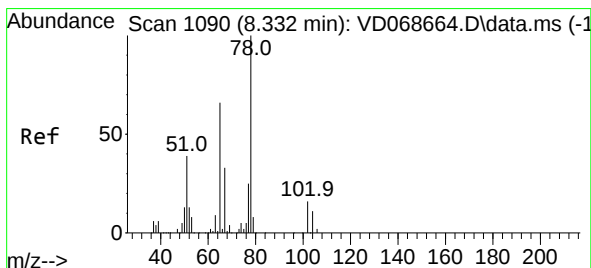
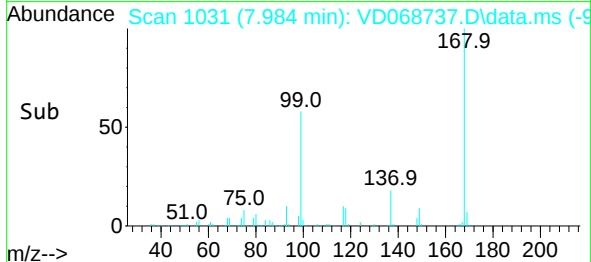
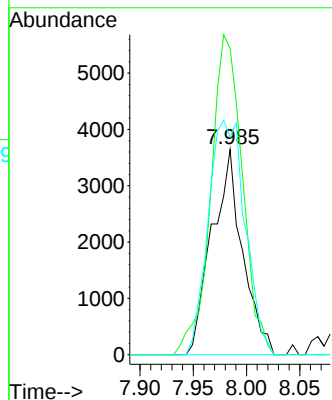


#31
Cyclohexane
Concen: 1.36 ug/l
RT: 7.984 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068737.D
Acq: 31 Mar 2021 14:45

Instrument :
MSVOA_D
ClientSampled :

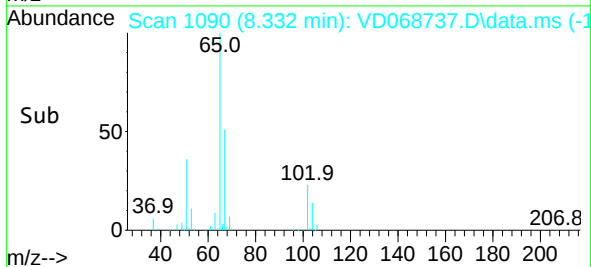
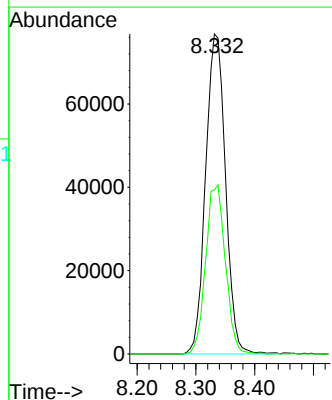
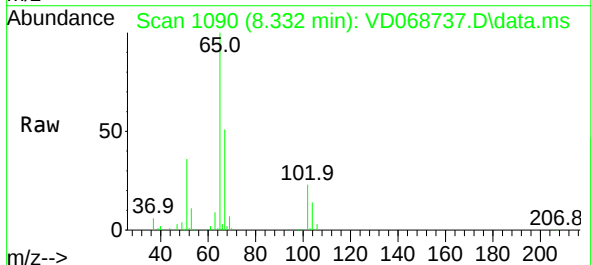


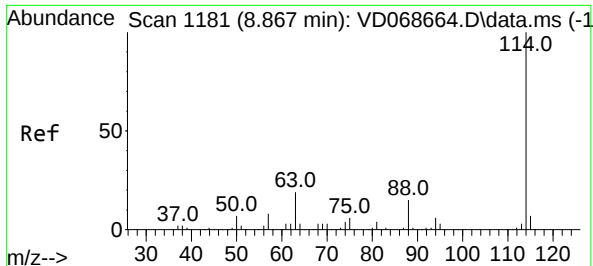
Tgt Ion: 56 Resp: 7287
Ion Ratio Lower Upper
56 100
69 149.1 30.0 45.0#
84 105.9 82.0 123.0



#33
1,2-Dichloroethane-d4
Concen: 54.06 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068737.D
Acq: 31 Mar 2021 14:45

Tgt Ion: 65 Resp: 180078
Ion Ratio Lower Upper
65 100
67 52.4 0.0 106.0

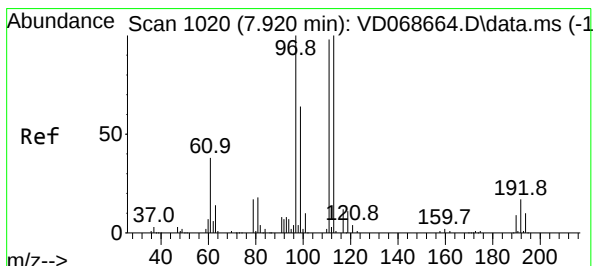
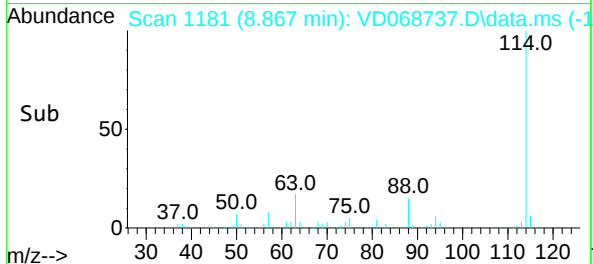
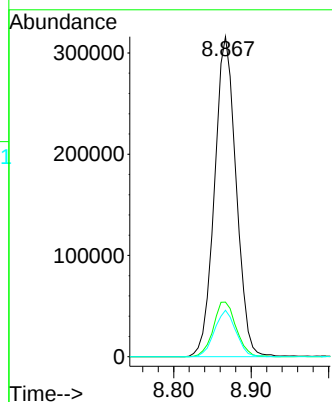
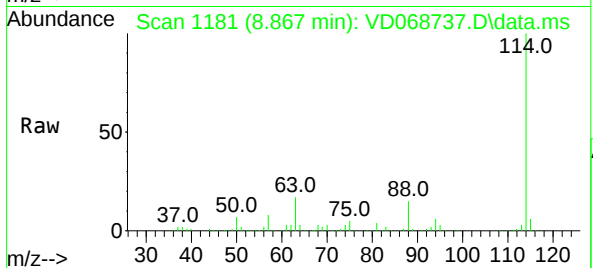




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VD068737.D
Acq: 31 Mar 2021 14:45

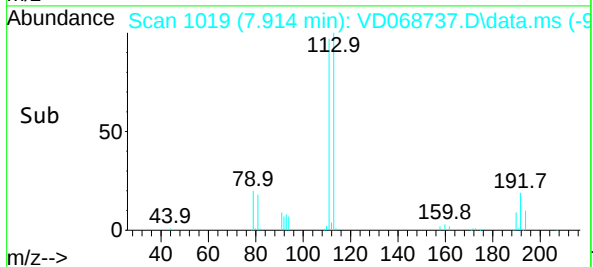
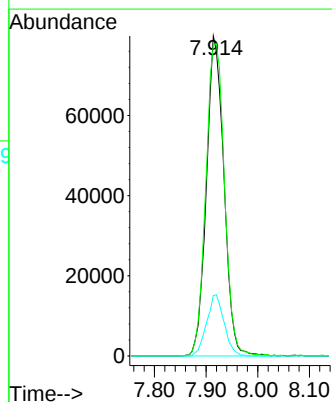
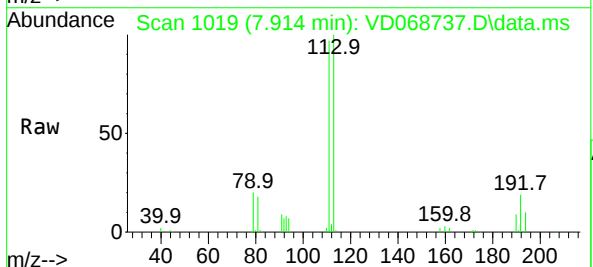
Instrument :
MSVOA_D
ClientSampleId :

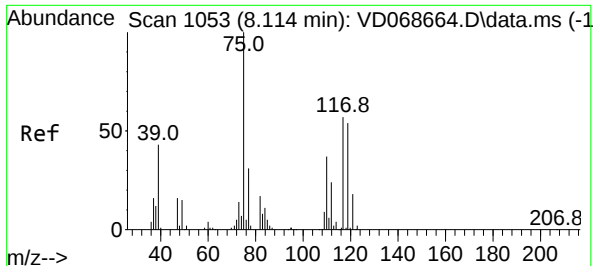
Tgt Ion:114 Resp: 611140
Ion Ratio Lower Upper
114 100
63 17.0 0.0 38.2
88 14.5 0.0 29.4



#35
Dibromofluoromethane
Concen: 49.48 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068737.D
Acq: 31 Mar 2021 14:45

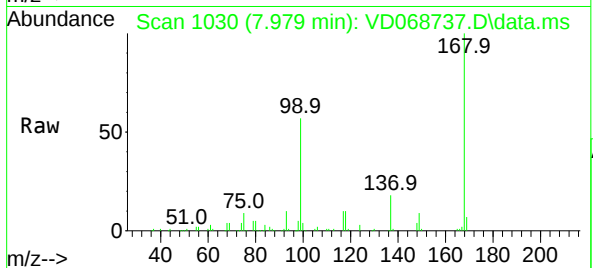
Tgt Ion:113 Resp: 188158
Ion Ratio Lower Upper
113 100
111 104.0 82.5 123.7
192 19.0 15.1 22.7



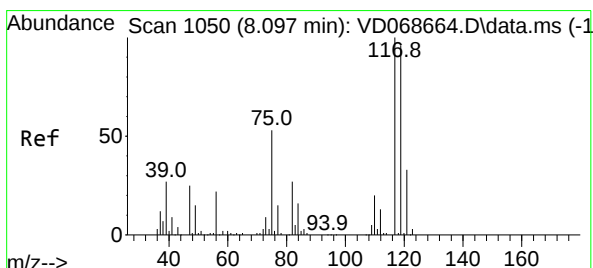
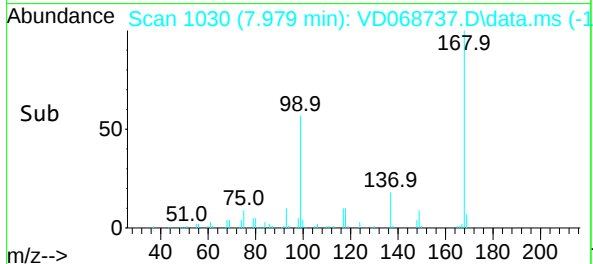
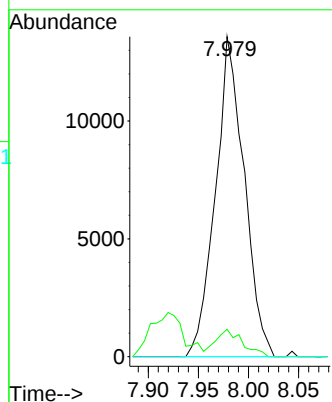


#36
1,1-Dichloropropene
Concen: 4.96 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.136 min
Lab File: VD068737.D
Acq: 31 Mar 2021 14:45

Instrument :
MSVOA_D
ClientSampleId :

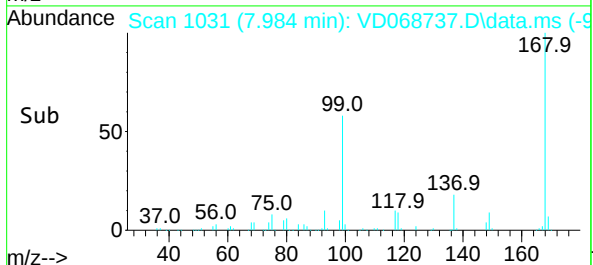
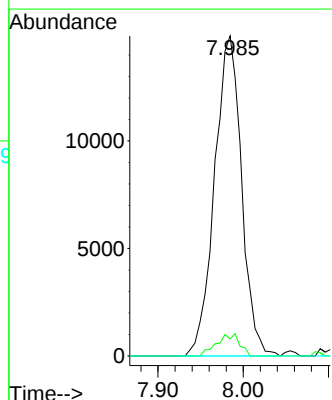
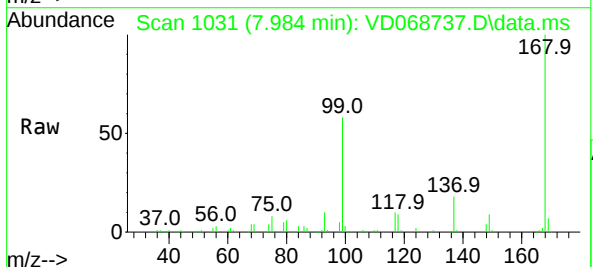


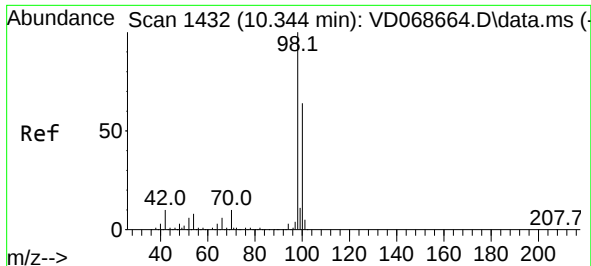
Tgt Ion: 75 Resp: 27062
Ion Ratio Lower Upper
75 100
110 8.0 18.1 54.4#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.01 ug/l
RT: 7.984 min Scan# 1031
Delta R.T. -0.112 min
Lab File: VD068737.D
Acq: 31 Mar 2021 14:45

Tgt Ion: 117 Resp: 32736
Ion Ratio Lower Upper
117 100
119 5.3 76.6 115.0#
121 0.0 26.1 39.1#

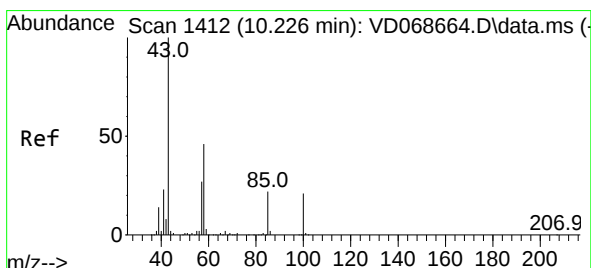
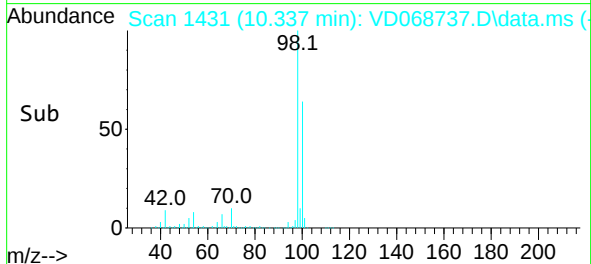
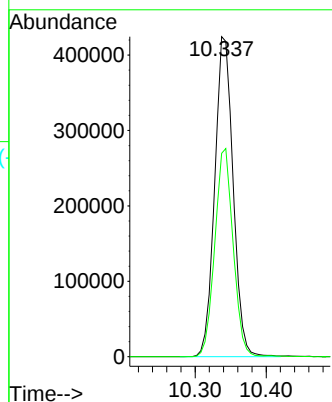
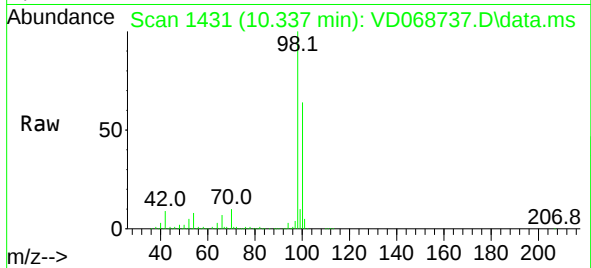




#50
Toluene-d8
Concen: 52.01 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD068737.D
Acq: 31 Mar 2021 14:45

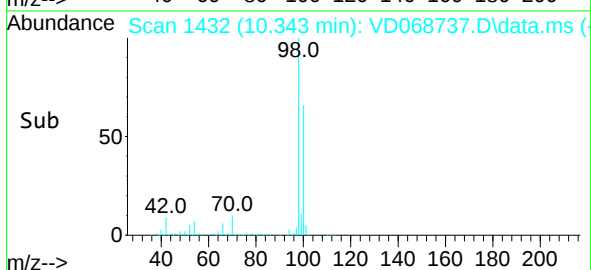
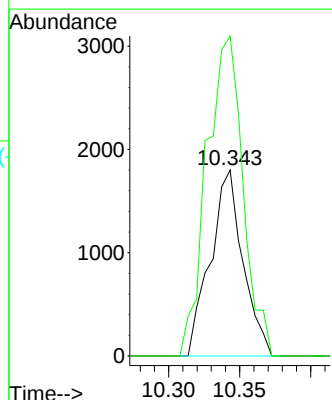
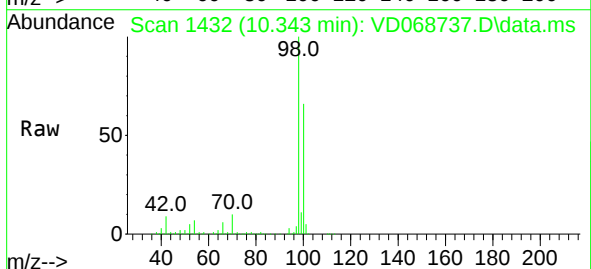
Instrument :
MSVOA_D
ClientSampled :

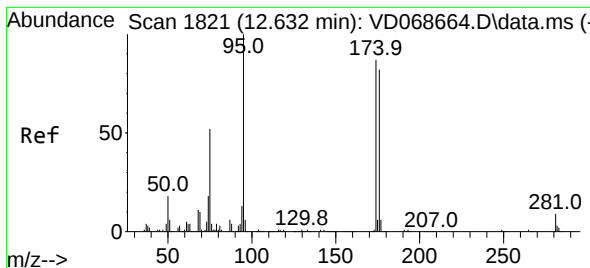
Tgt Ion: 98 Resp: 762523
Ion Ratio Lower Upper
98 100
100 64.7 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 1.67 ug/l
RT: 10.343 min Scan# 1432
Delta R.T. 0.117 min
Lab File: VD068737.D
Acq: 31 Mar 2021 14:45

Tgt Ion: 43 Resp: 2864
Ion Ratio Lower Upper
43 100
58 192.1 37.3 55.9#

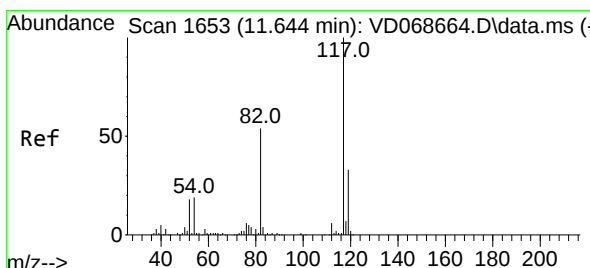
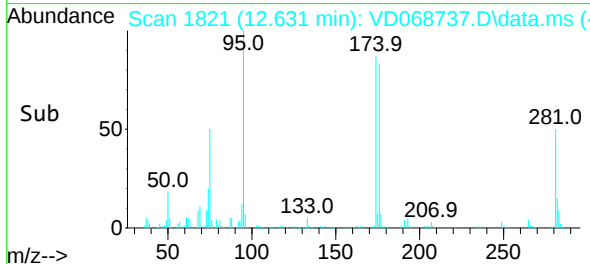
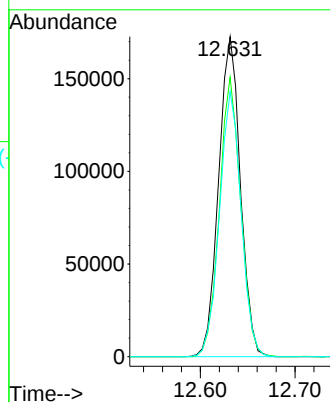
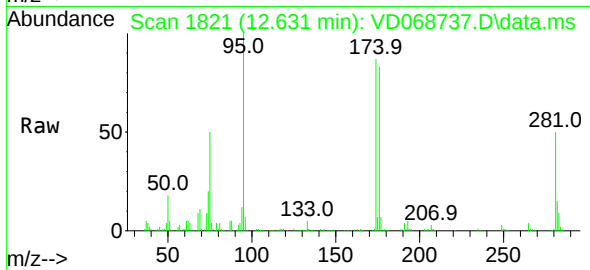




#62
4-Bromofluorobenzene
Concen: 58.09 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068737.D
Acq: 31 Mar 2021 14:45

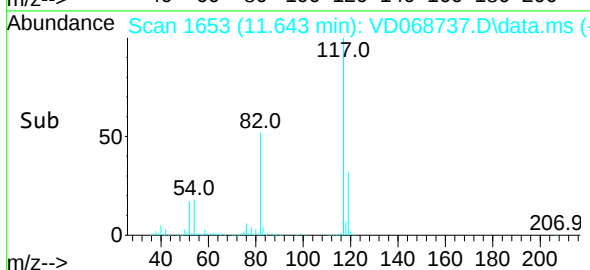
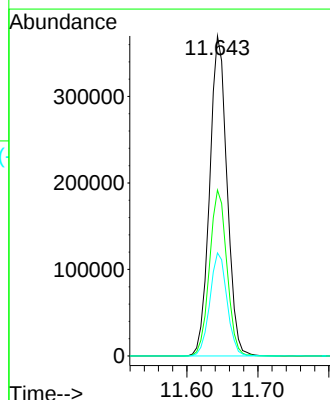
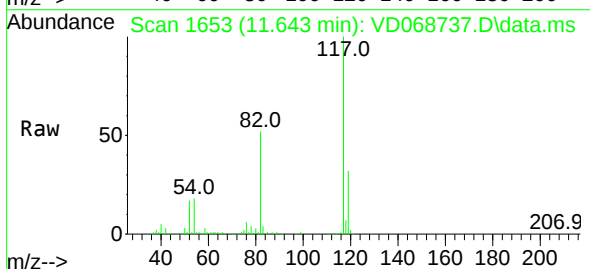
Instrument :
MSVOA_D
ClientSampleId :

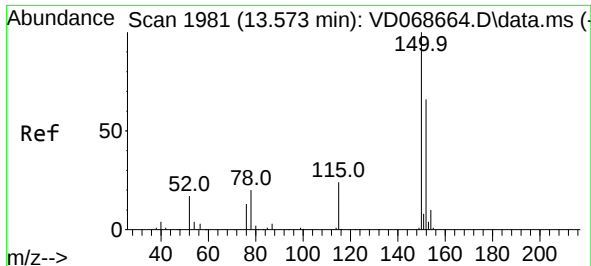
Tgt Ion: 95 Resp: 276096
Ion Ratio Lower Upper
95 100
174 85.4 0.0 168.0
176 82.3 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD068737.D
Acq: 31 Mar 2021 14:45

Tgt Ion: 117 Resp: 627458
Ion Ratio Lower Upper
117 100
82 51.8 43.5 65.3
119 32.2 26.7 40.1

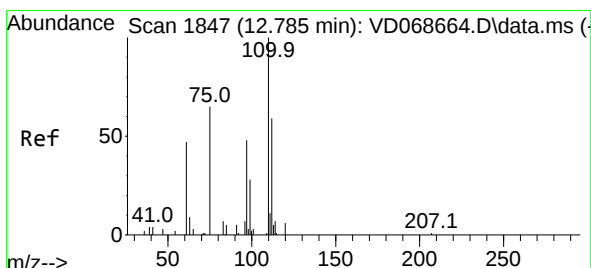
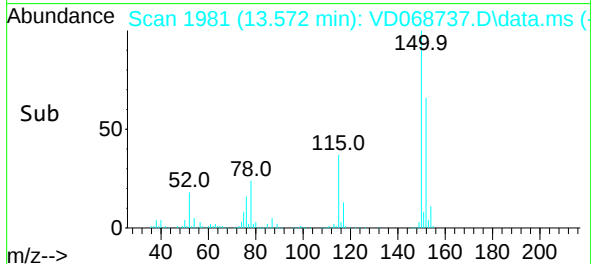
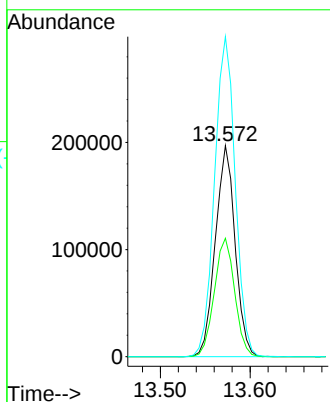
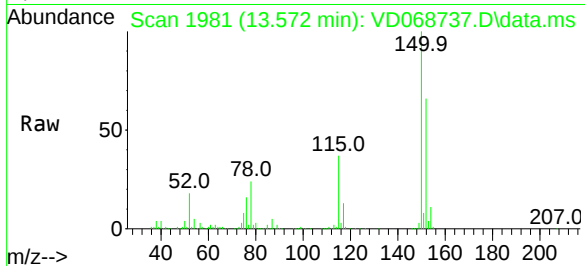




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.572 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068737.D
Acq: 31 Mar 2021 14:45

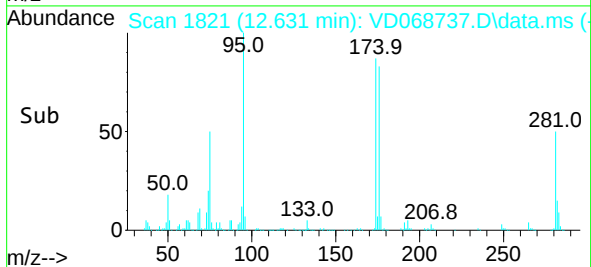
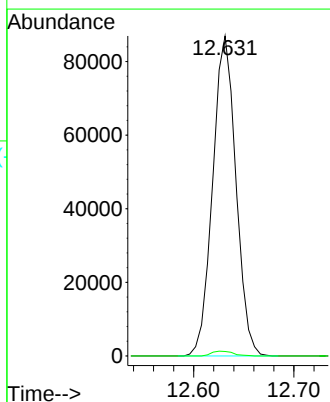
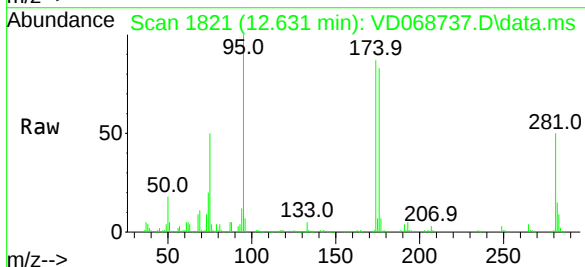
Instrument :
MSVOA_D
ClientSampleId :

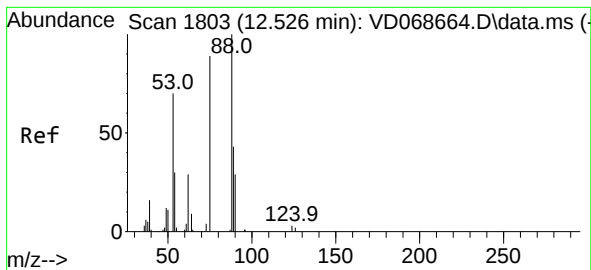
Tgt Ion:152 Resp: 301170
Ion Ratio Lower Upper
152 100
115 57.9 29.3 87.8
150 158.6 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 55.87 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068737.D
Acq: 31 Mar 2021 14:45

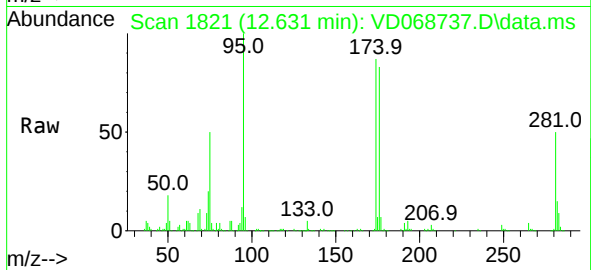
Tgt Ion: 75 Resp: 140059
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 127.12 ug/l
 RT: 12.631 min Scan# 1821
 Delta R.T. 0.105 min
 Lab File: VD068737.D
 Acq: 31 Mar 2021 14:45

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 140059
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.6 36.6 54.8#

