

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081921\
 Data File : VD070183.D
 Acq On : 20 Aug 2021 00:23
 Operator : VA/SY
 Sample : M3418-19
 Misc : 8.46G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 20 05:50:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 14 02:33:51 2021
 Response via : Initial Calibration

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

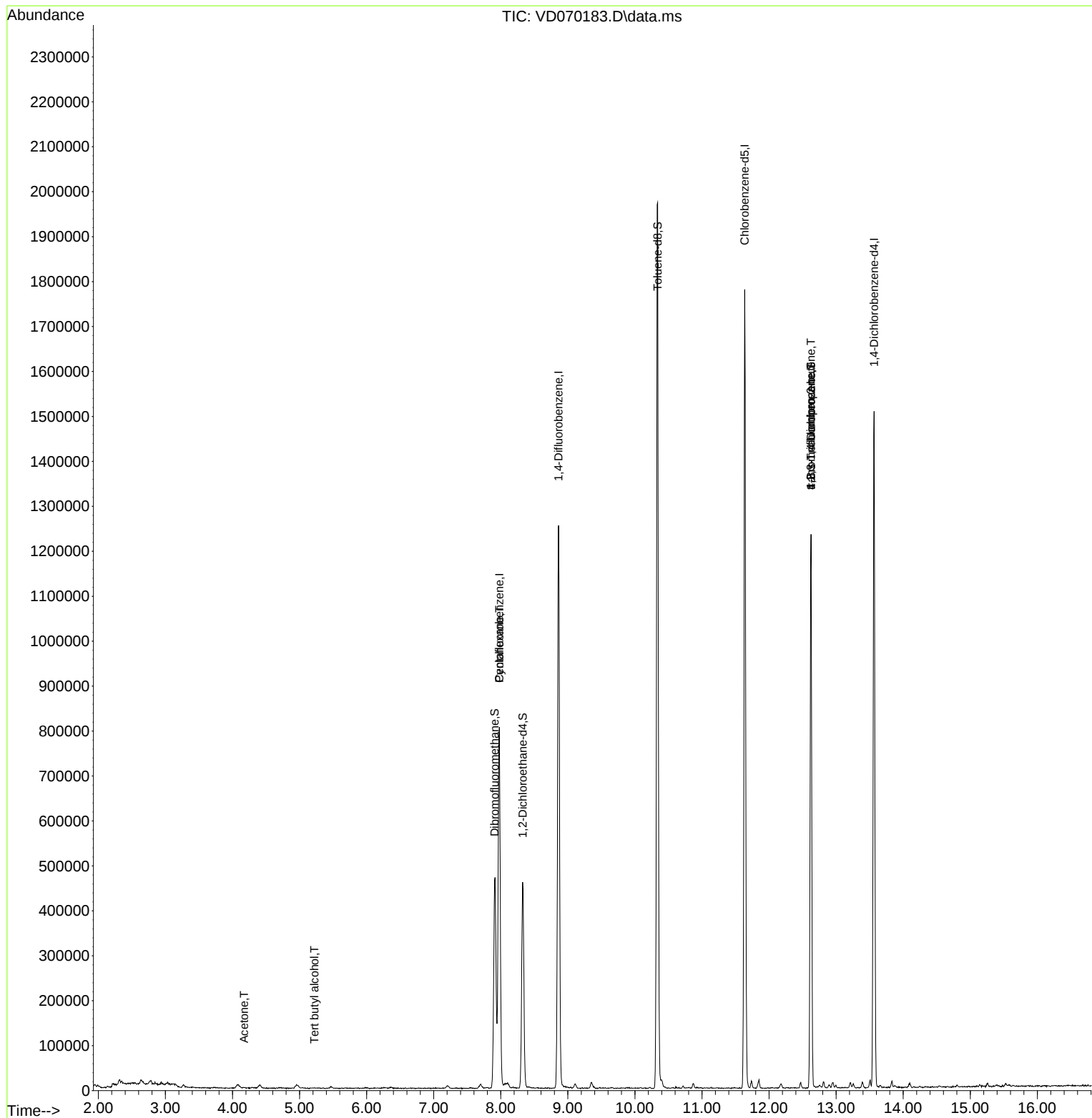
Internal Standards						
1) Pentafluorobenzene	7.979	168	557275	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1069750	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1003661	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	402472	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	359576	54.860	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 109.720%		
35) Dibromofluoromethane	7.908	113	350422	50.703	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 101.400%		
50) Toluene-d8	10.338	98	1369468	50.945	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 101.900%		
62) 4-Bromofluorobenzene	12.626	95	423034	47.779	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 95.560%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	3446	Below Cal		87
3) Chloromethane	2.209	50	4532	Below Cal		94
5) Bromomethane	2.773	94	4619	Below Cal		96
11) Tert butyl alcohol	5.220	59	766	2.114 ug/l #		71
16) Acetone	4.173	43	2016	1.670 ug/l #		41
20) Methylene Chloride	4.973	84	6942	Below Cal #		73
31) Cyclohexane	7.979	56	19475	1.501 ug/l #		13
76) 1,2,3-Trichloropropane	12.626	75	204609	50.129 ug/l #		1
81) trans-1,4-Dichloro-2-b...	12.626	75	204609	130.117 ug/l #		18

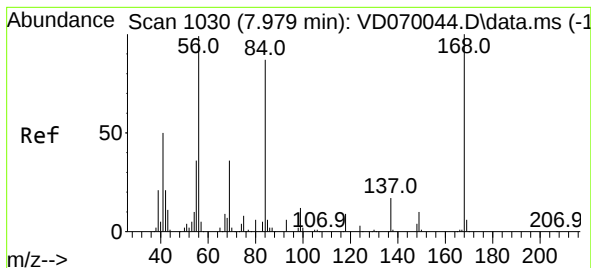
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 20 05:50:00 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 14 02:33:51 2021
Response via : Initial Calibration



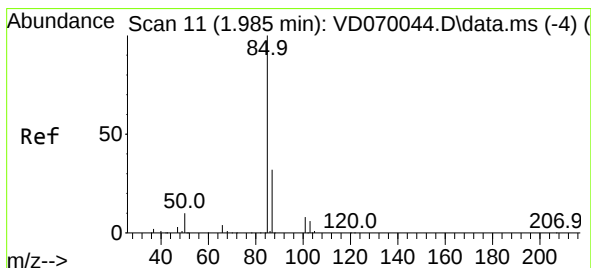
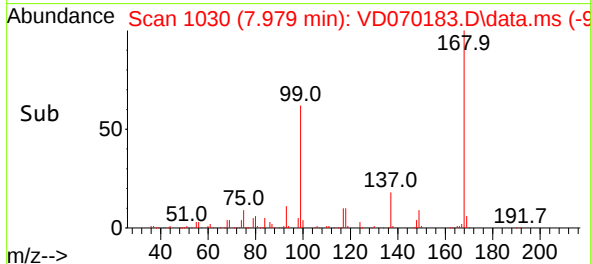
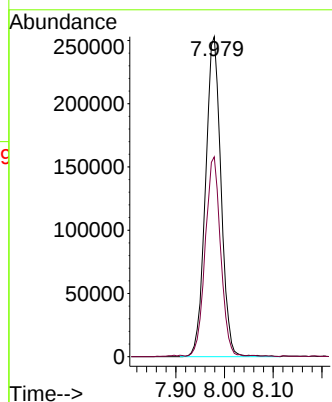
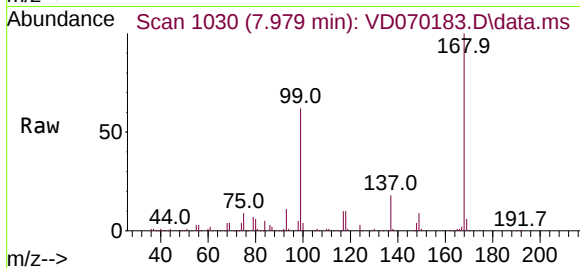


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.979 min Scan# 1030
 Delta R.T. -0.000 min
 Lab File: VD070183.D
 Acq: 20 Aug 2021 00:23

Instrument :
 MSVOA_D
 ClientSampleId :

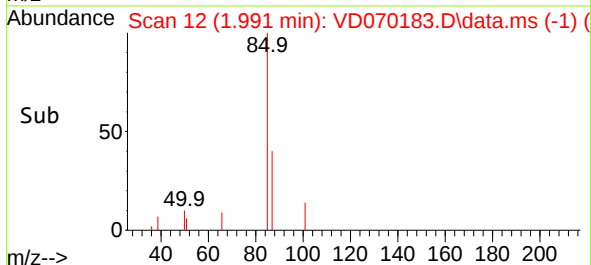
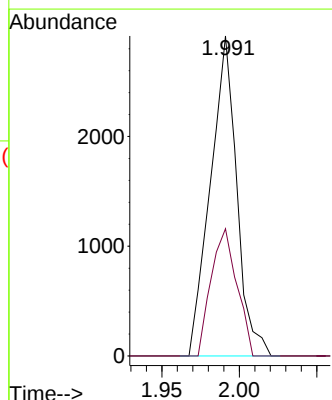
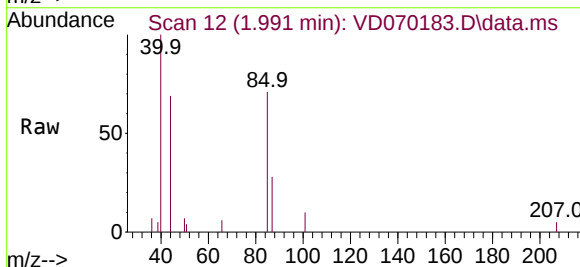
Tgt Ion:168 Resp: 557275
 Ion Ratio Lower Upper
 168 100
 99 62.3 50.3 75.5

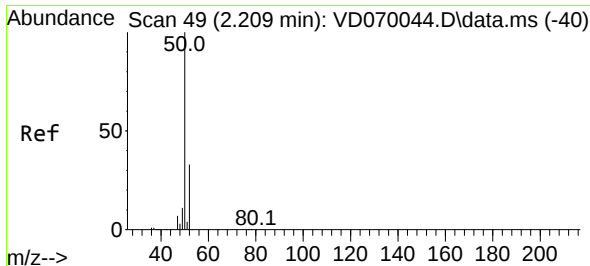


#2

Dichlorodifluoromethane
 Concen: Below Cal
 RT: 1.991 min Scan# 12
 Delta R.T. 0.006 min
 Lab File: VD070183.D
 Acq: 20 Aug 2021 00:23

Tgt Ion: 85 Resp: 3446
 Ion Ratio Lower Upper
 85 100
 87 39.7 16.2 48.6

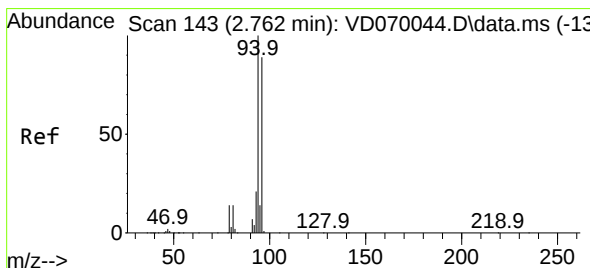
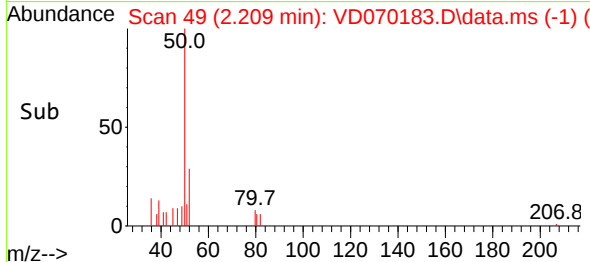
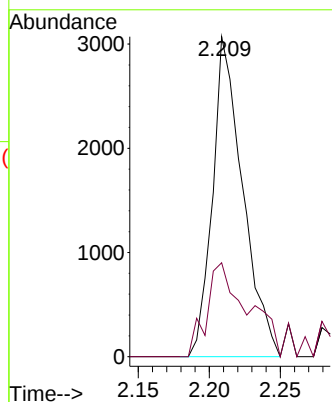
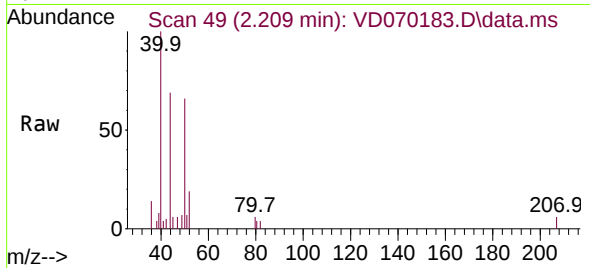




#3
Chloromethane
Concen: Below Cal
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD070183.D
Acq: 20 Aug 2021 00:23

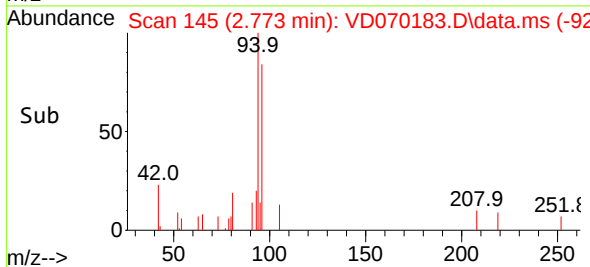
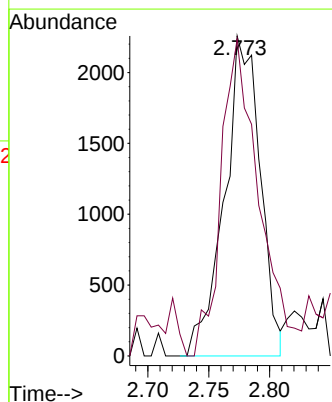
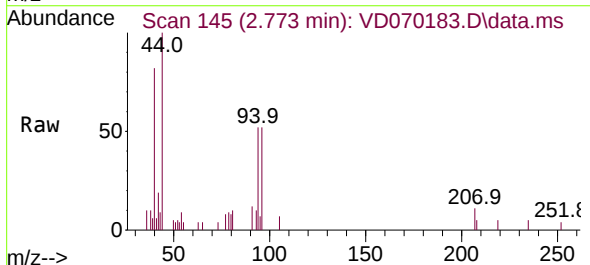
Instrument :
MSVOA_D
ClientSampled :

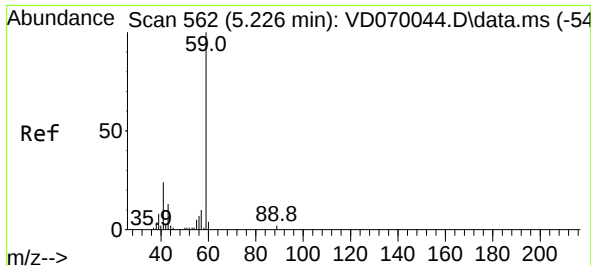
Tgt Ion: 50 Resp: 4532
Ion Ratio Lower Upper
50 100
52 29.4 26.3 39.5



#5
Bromomethane
Concen: Below Cal
RT: 2.773 min Scan# 145
Delta R.T. 0.011 min
Lab File: VD070183.D
Acq: 20 Aug 2021 00:23

Tgt Ion: 94 Resp: 4619
Ion Ratio Lower Upper
94 100
96 92.2 70.9 106.3



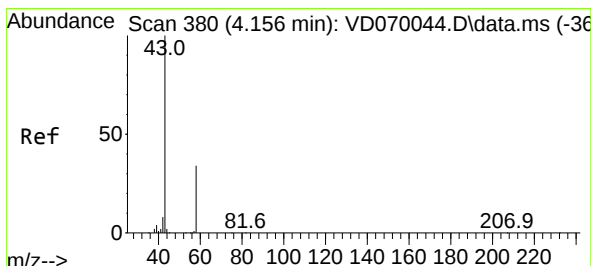
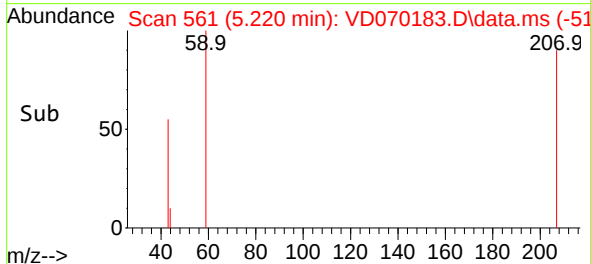
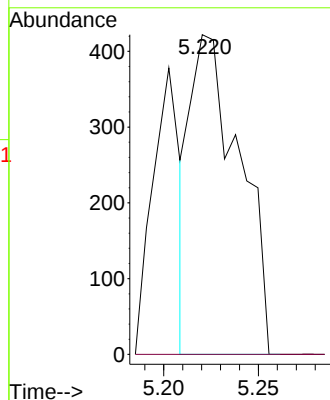
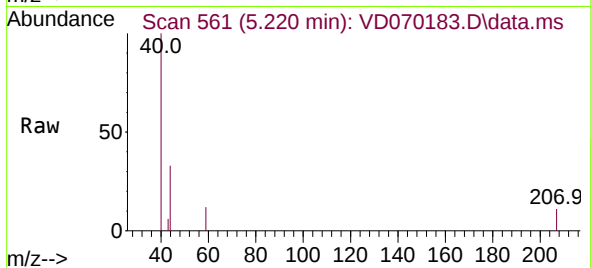


#11

Tert butyl alcohol
Concen: 2.114 ug/l
RT: 5.220 min Scan# 561
Delta R.T. -0.006 min
Lab File: VD070183.D
Acq: 20 Aug 2021 00:23

Instrument :
MSVOA_D
ClientSampleId :

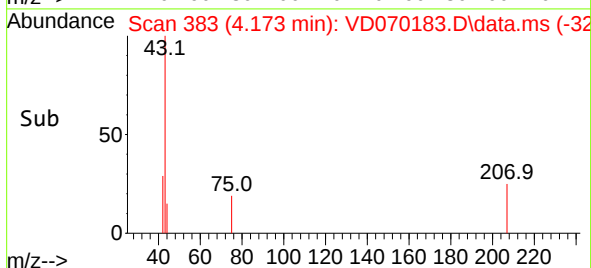
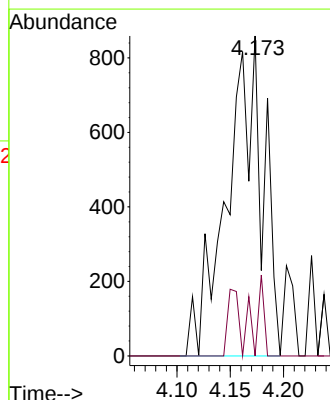
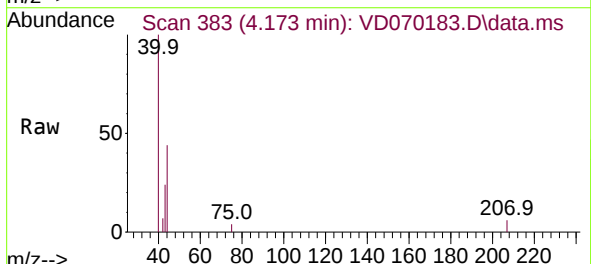
Tgt Ion: 59 Resp: 766
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#

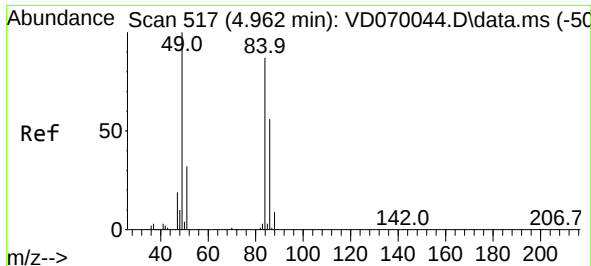


#16

Acetone
Concen: 1.670 ug/l
RT: 4.173 min Scan# 383
Delta R.T. 0.018 min
Lab File: VD070183.D
Acq: 20 Aug 2021 00:23

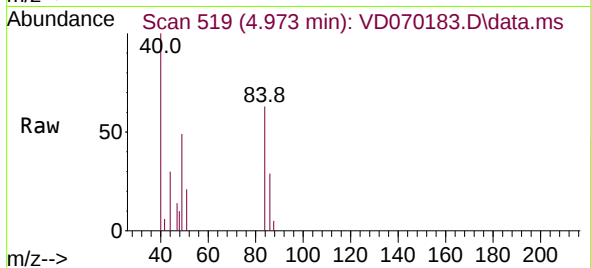
Tgt Ion: 43 Resp: 2016
Ion Ratio Lower Upper
43 100
58 0.0 26.8 40.2#



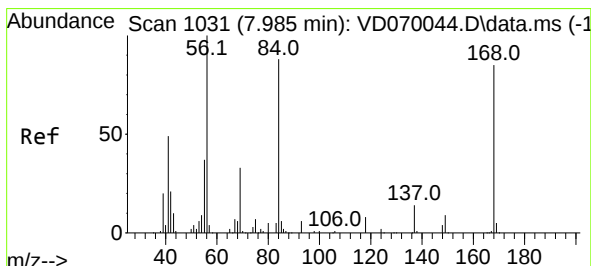
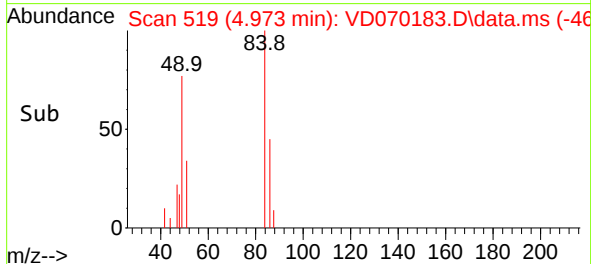
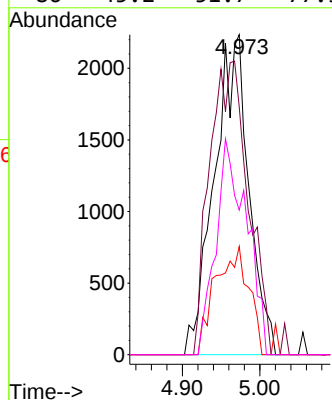


#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 519
Delta R.T. 0.011 min
Lab File: VD070183.D
Acq: 20 Aug 2021 00:23

Instrument :
MSVOA_D
ClientSampled :

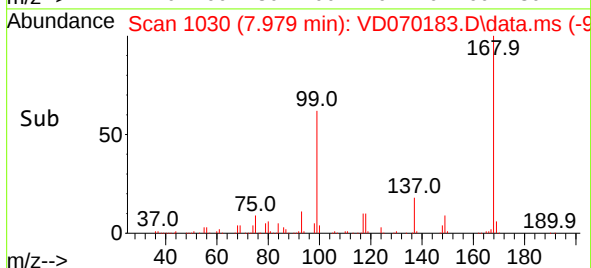
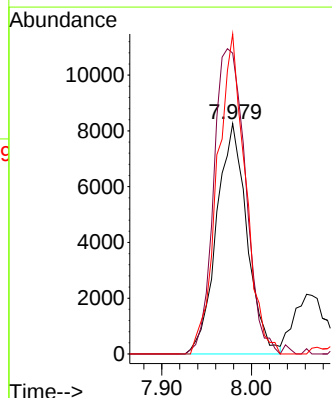
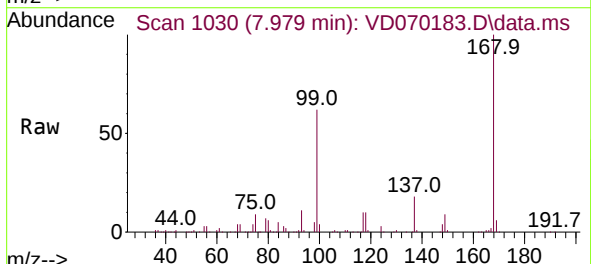


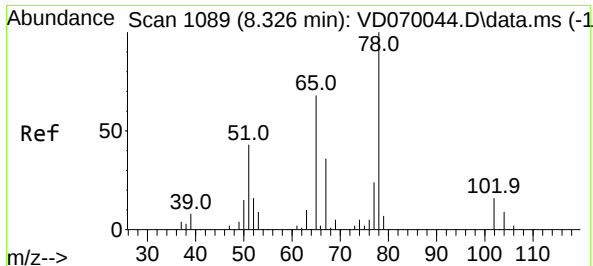
Tgt Ion: 84 Resp: 6942
Ion Ratio Lower Upper
84 100
49 77.4 92.5 138.7#
51 33.8 29.7 44.5
86 45.2 51.7 77.5#



#31
Cyclohexane
Concen: 1.501 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD070183.D
Acq: 20 Aug 2021 00:23

Tgt Ion: 56 Resp: 19475
Ion Ratio Lower Upper
56 100
69 130.6 26.7 40.1#
84 138.9 70.4 105.6#

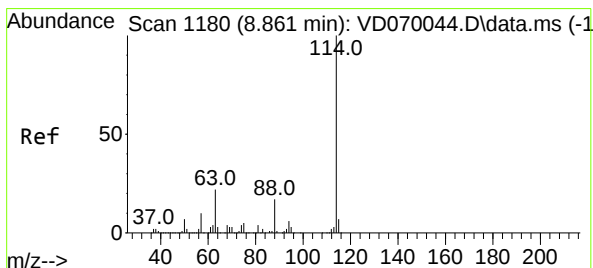
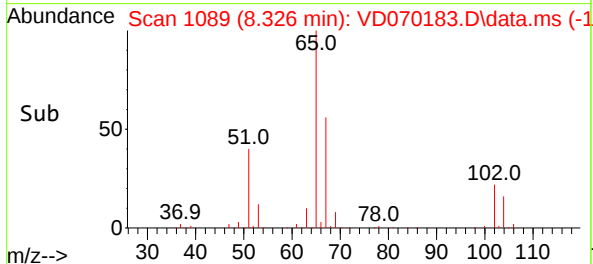
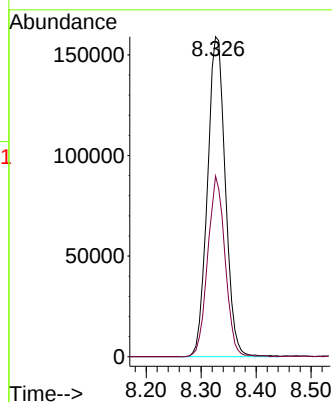
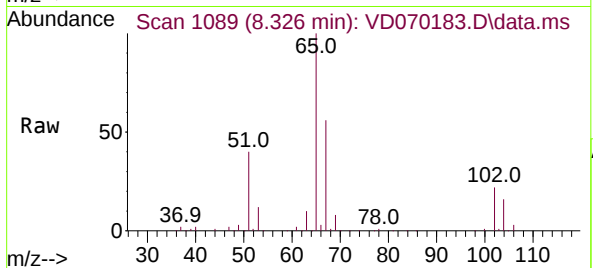




#33
1,2-Dichloroethane-d4
Concen: 54.860 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070183.D
Acq: 20 Aug 2021 00:23

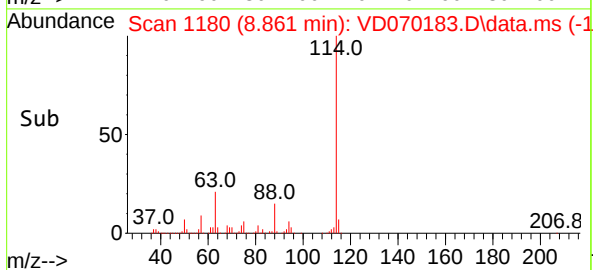
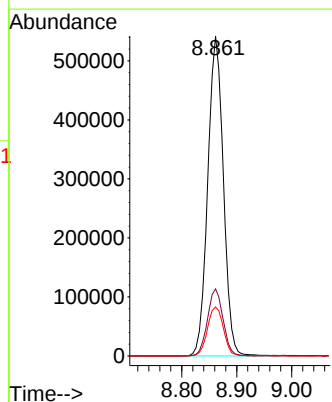
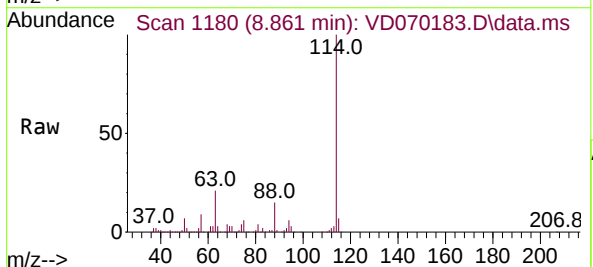
Instrument :
MSVOA_D
ClientSampleId :

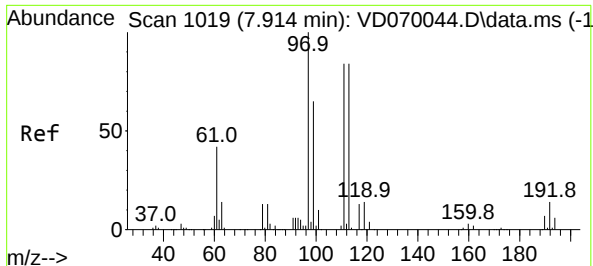
Tgt Ion: 65 Resp: 359576
Ion Ratio Lower Upper
65 100
67 54.8 0.0 107.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070183.D
Acq: 20 Aug 2021 00:23

Tgt Ion: 114 Resp: 1069750
Ion Ratio Lower Upper
114 100
63 21.0 0.0 43.6
88 15.3 0.0 33.4





#35

Dibromofluoromethane

Concen: 50.703 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD070183.D

Acq: 20 Aug 2021 00:23

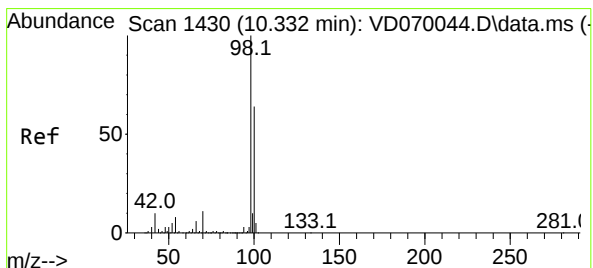
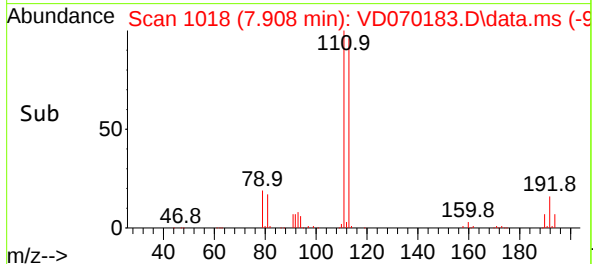
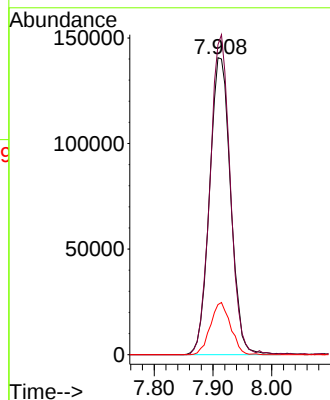
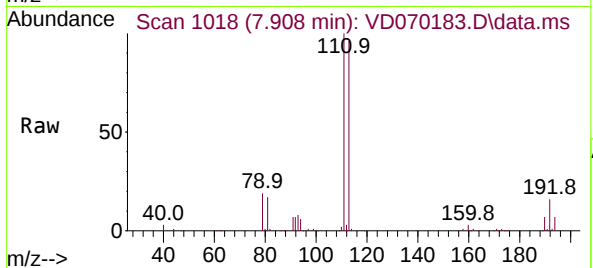
Tgt Ion:113 Resp: 350422

Ion Ratio Lower Upper

113 100

111 102.8 81.8 122.6

192 16.8 13.2 19.8



#50

Toluene-d8

Concen: 50.945 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. 0.006 min

Lab File: VD070183.D

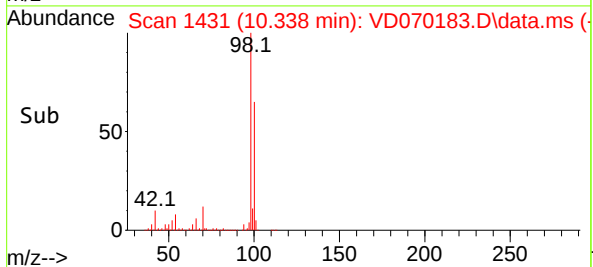
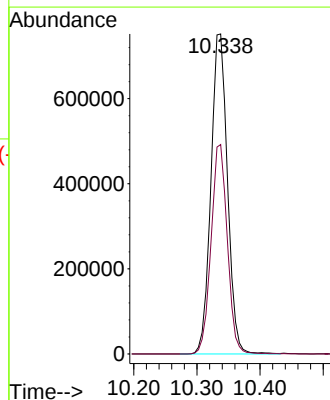
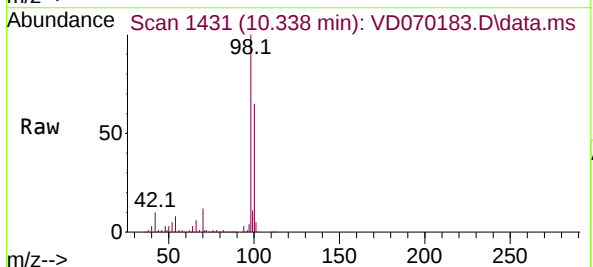
Acq: 20 Aug 2021 00:23

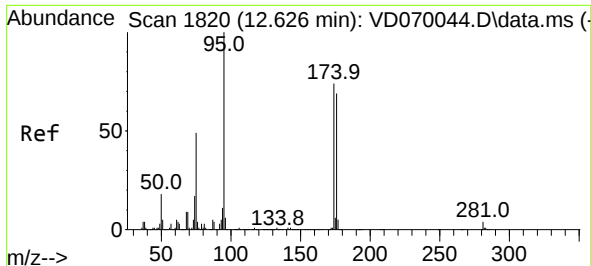
Tgt Ion: 98 Resp: 1369468

Ion Ratio Lower Upper

98 100

100 64.2 52.6 78.8

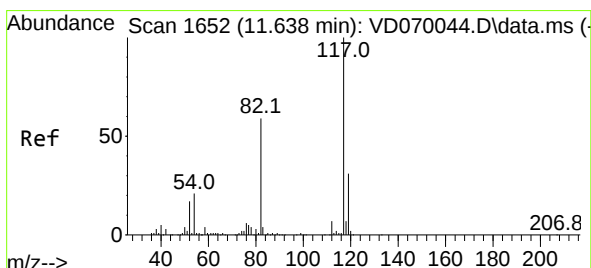
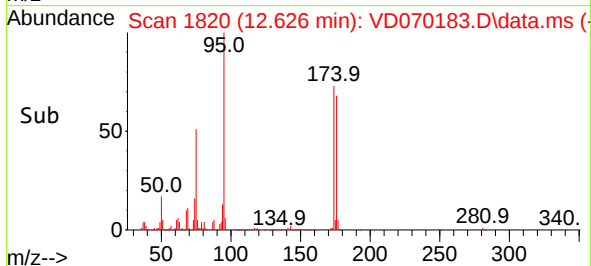
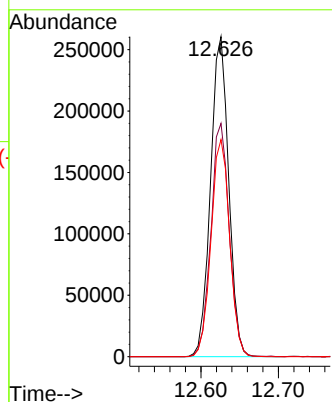
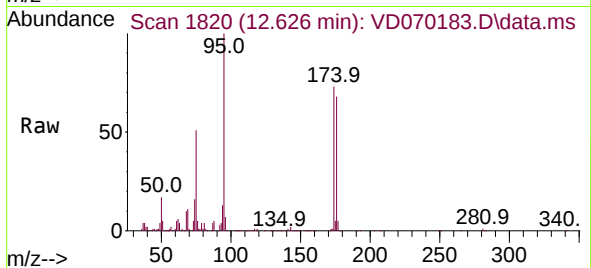




#62
4-Bromofluorobenzene
Concen: 47.779 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070183.D
Acq: 20 Aug 2021 00:23

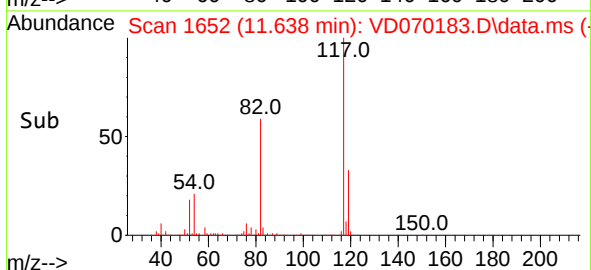
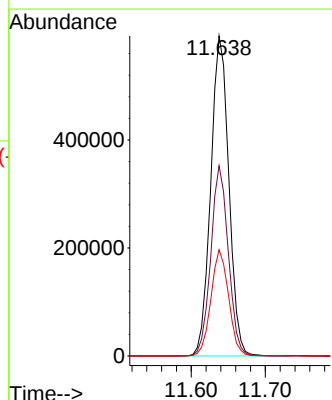
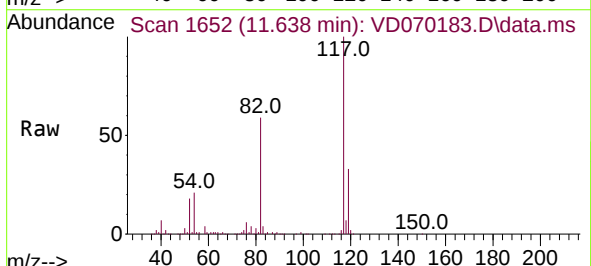
Instrument :
MSVOA_D
ClientSampleId :

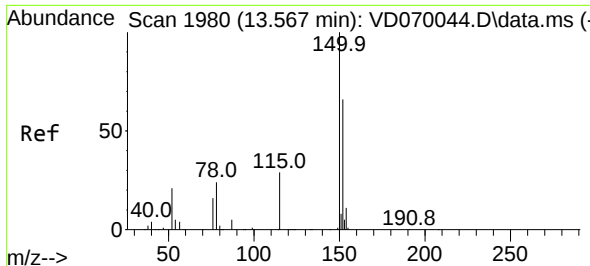
Tgt Ion: 95 Resp: 423034
Ion Ratio Lower Upper
95 100
174 74.0 0.0 141.6
176 69.6 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070183.D
Acq: 20 Aug 2021 00:23

Tgt Ion: 117 Resp: 1003661
Ion Ratio Lower Upper
117 100
82 59.4 47.5 71.3
119 33.2 25.1 37.7

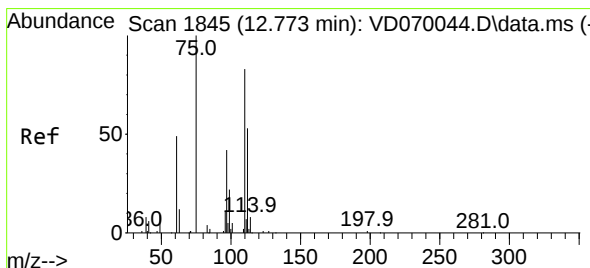
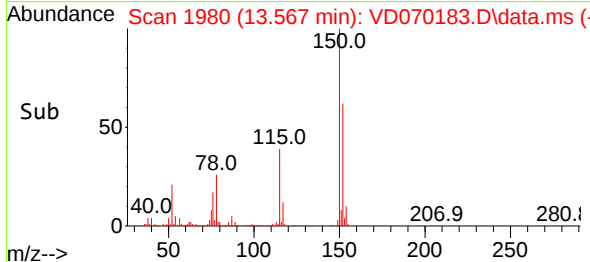
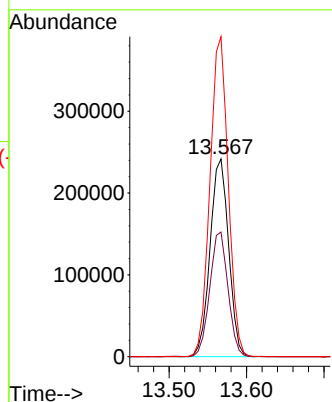
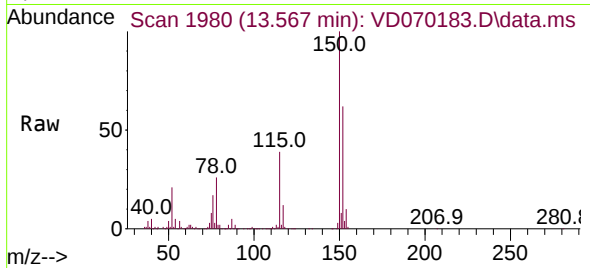




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070183.D
Acq: 20 Aug 2021 00:23

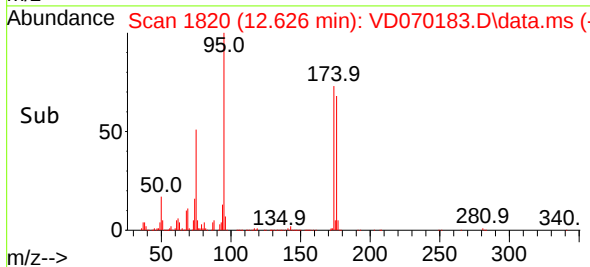
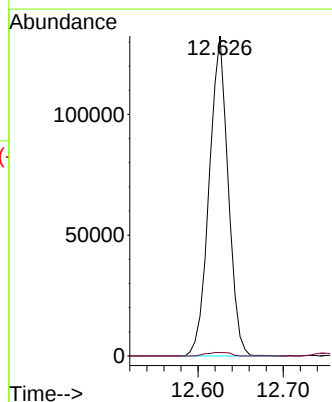
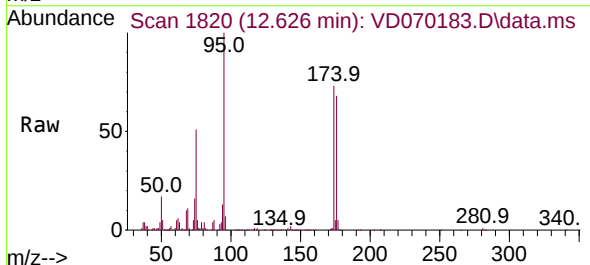
Instrument :
MSVOA_D
ClientSampleId :

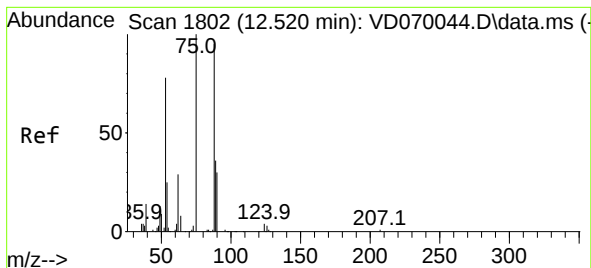
Tgt Ion:152 Resp: 402472
Ion Ratio Lower Upper
152 100
115 61.8 31.2 93.6
150 158.7 0.0 352.0



#76
1,2,3-Trichloropropane
Concen: 50.129 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070183.D
Acq: 20 Aug 2021 00:23

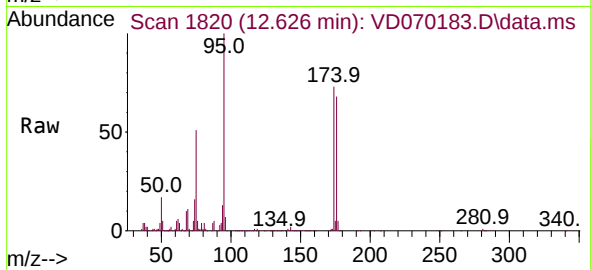
Tgt Ion: 75 Resp: 204609
Ion Ratio Lower Upper
75 100
77 1.4 182.4 547.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 130.117 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. 0.106 min
 Lab File: VD070183.D
 Acq: 20 Aug 2021 00:23

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 204609

Ion	Ratio	Lower	Upper
75	100		
53	0.3	64.5	96.7#
89	0.0	33.7	50.5#

