

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081821\
 Data File : VD070141.D
 Acq On : 18 Aug 2021 23:30
 Operator : VA/SY
 Sample : VD0818SBL02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0818SBL02

Quant Time: Aug 19 07:35:38 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)

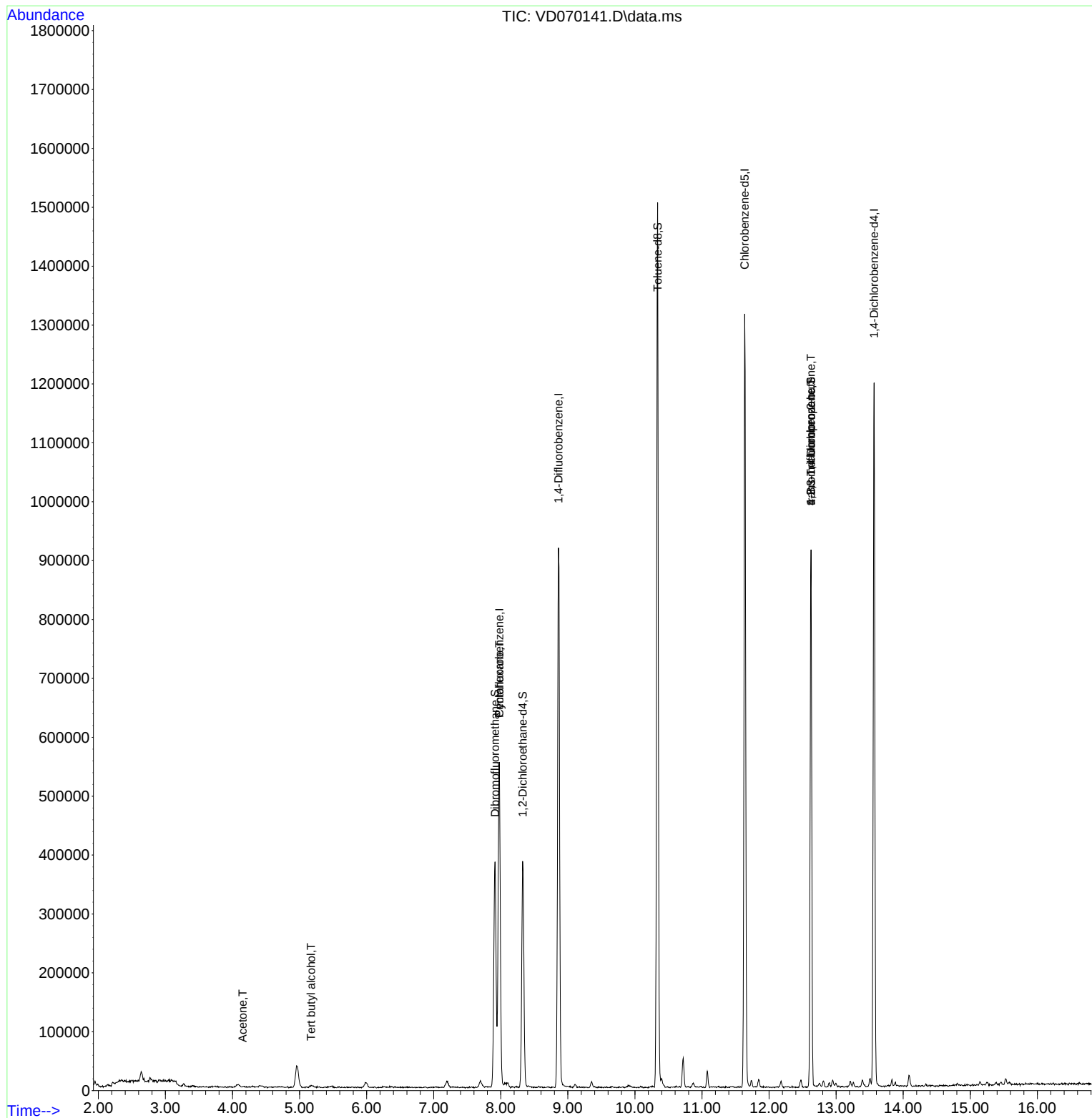
Internal Standards						
1) Pentafluorobenzene	7.979	168	386664	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	806038	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	770420	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	319235	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	299381	65.830	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	131.660%
35) Dibromofluoromethane	7.914	113	283983	54.533	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.060%
50) Toluene-d8	10.338	98	1008834	49.808	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.620%
62) 4-Bromofluorobenzene	12.626	95	309695	46.422	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.840%
Target Compounds						
2) Dichlorodifluoromethane	1.991	85	1878	Below Cal	#	58
3) Chloromethane	2.214	50	2957	Below Cal	#	76
5) Bromomethane	2.773	94	3967	Below Cal		93
11) Tert butyl alcohol	5.173	59	3811	15.161	ug/l #	71
16) Acetone	4.150	43	2681	3.200	ug/l #	88
20) Methylene Chloride	4.967	84	30328	Below Cal		99
31) Cyclohexane	7.979	56	13028	1.447	ug/l #	1
76) 1,2,3-Trichloropropane	12.626	75	153705	47.477	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	153705	123.232	ug/l #	18

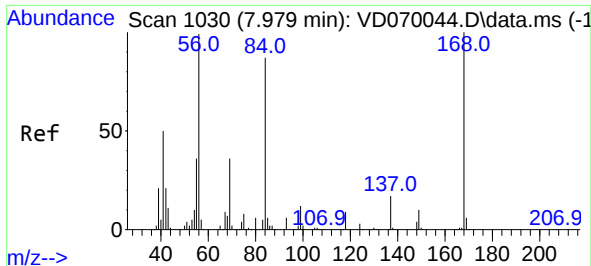
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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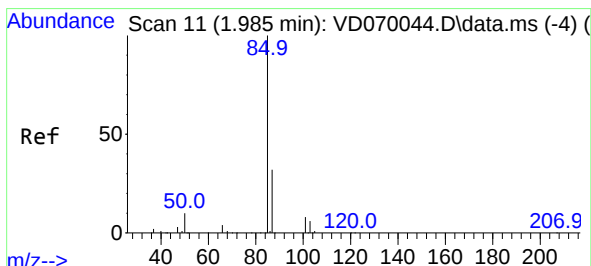
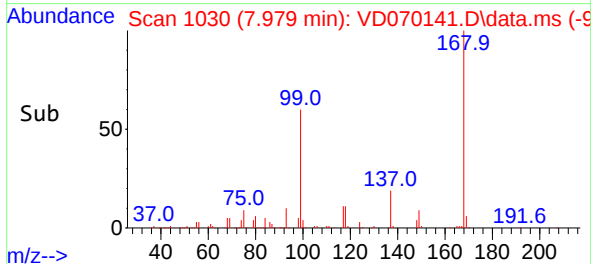
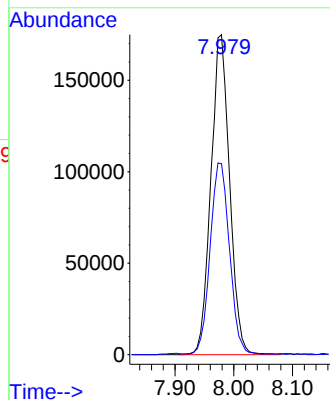
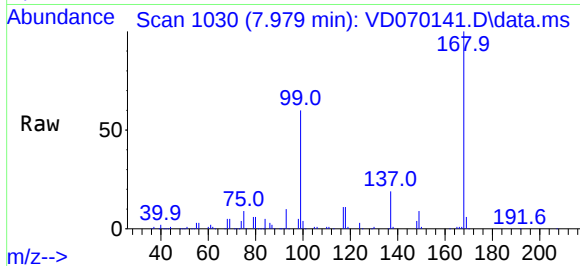




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070141.D
Acq: 18 Aug 2021 23:30

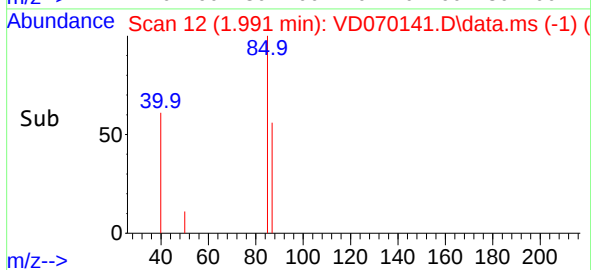
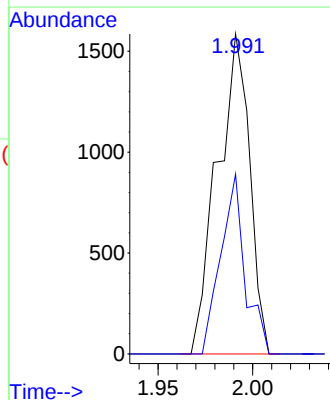
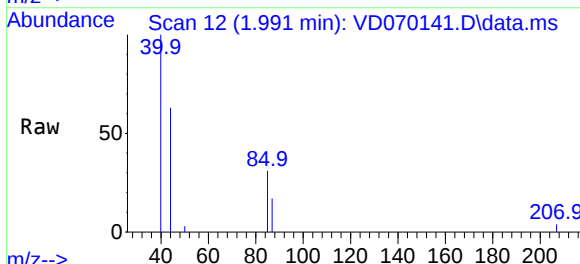
Instrument :
MSVOA_D
ClientSampleId :
VD0818SBL02

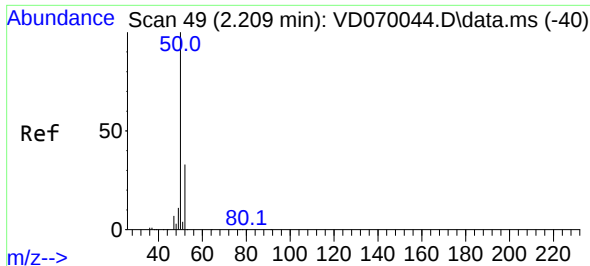
Tgt Ion:168 Resp: 386664
Ion Ratio Lower Upper
168 100
99 59.4 50.3 75.5



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.991 min Scan# 12
Delta R.T. 0.006 min
Lab File: VD070141.D
Acq: 18 Aug 2021 23:30

Tgt Ion: 85 Resp: 1878
Ion Ratio Lower Upper
85 100
87 56.2 16.2 48.6#

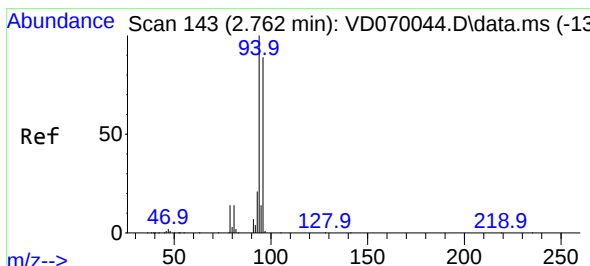
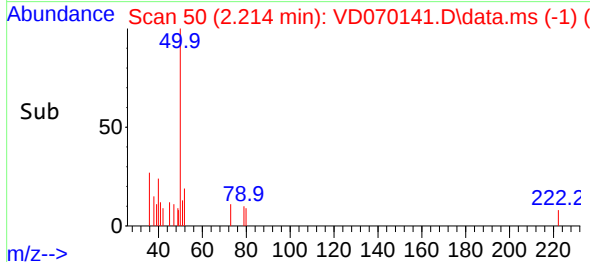
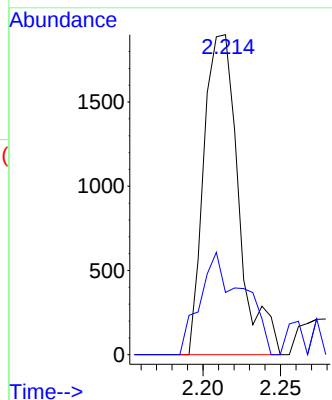
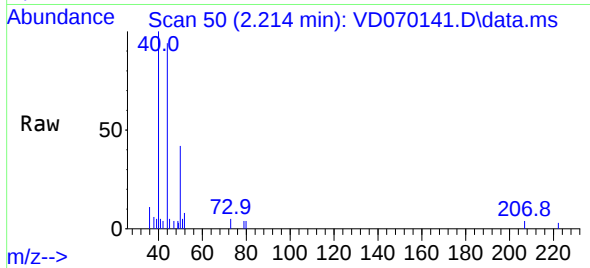




#3
Chloromethane
Concen: Below Cal
RT: 2.214 min Scan# 50
Delta R.T. 0.005 min
Lab File: VD070141.D
Acq: 18 Aug 2021 23:30

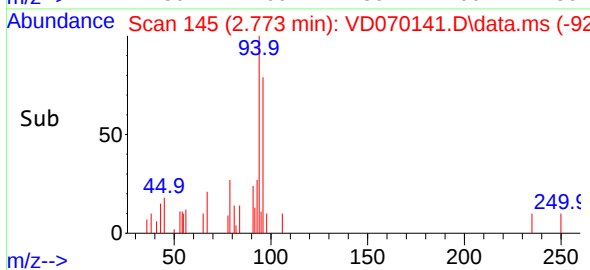
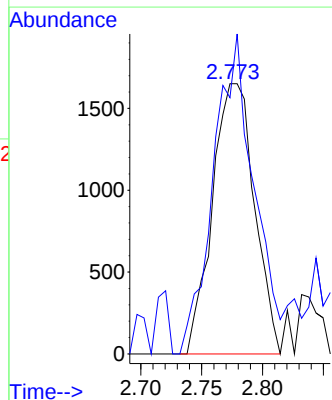
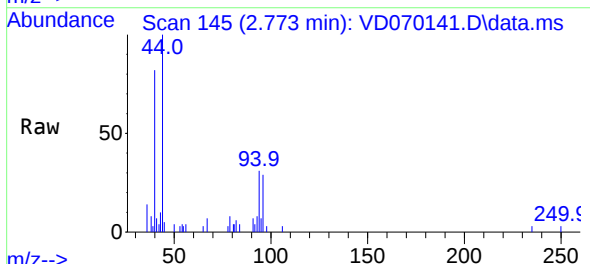
Instrument :
MSVOA_D
ClientSampleId :
VD0818SBL02

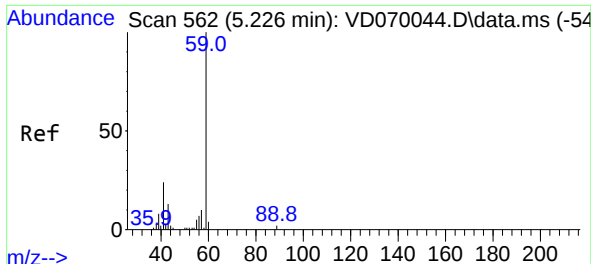
Tgt Ion: 50 Resp: 2957
Ion Ratio Lower Upper
50 100
52 19.5 26.3 39.5#



#5
Bromomethane
Concen: Below Cal
RT: 2.773 min Scan# 145
Delta R.T. 0.011 min
Lab File: VD070141.D
Acq: 18 Aug 2021 23:30

Tgt Ion: 94 Resp: 3967
Ion Ratio Lower Upper
94 100
96 94.9 70.9 106.3

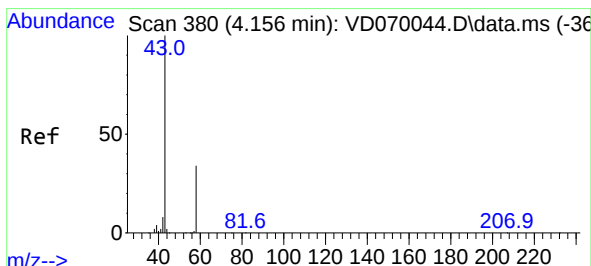
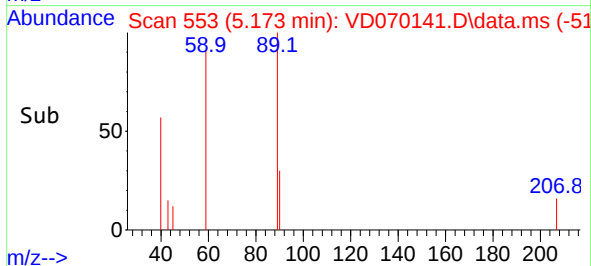
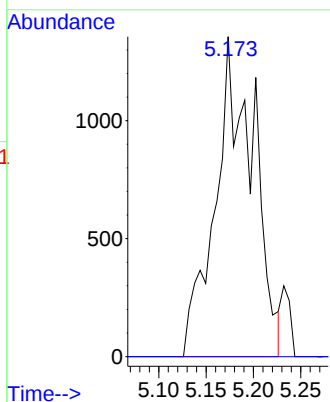
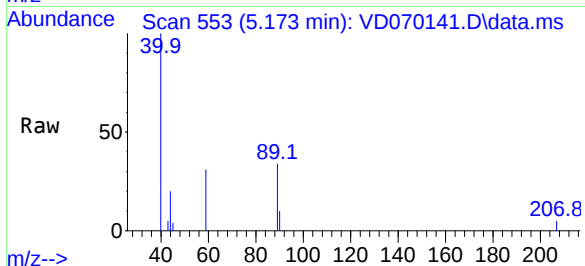




#11
Tert butyl alcohol
Concen: 15.161 ug/l
RT: 5.173 min Scan# 553
Delta R.T. -0.053 min
Lab File: VD070141.D
Acq: 18 Aug 2021 23:30

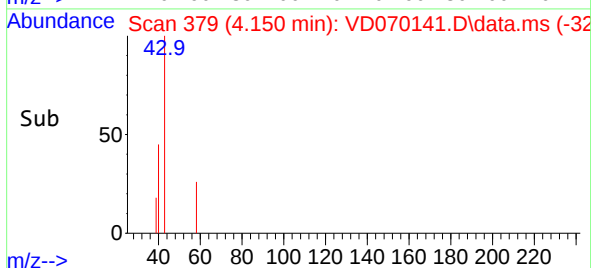
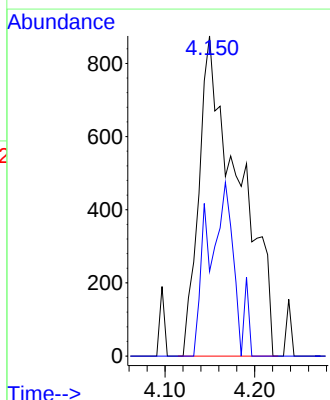
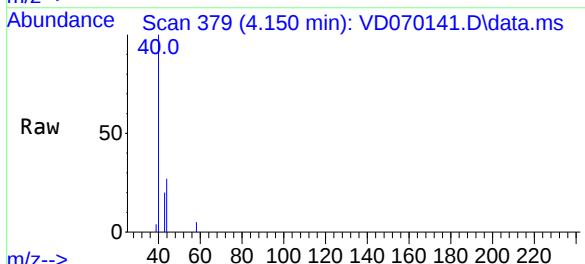
Instrument :
MSVOA_D
ClientSampleId :
VD0818SBL02

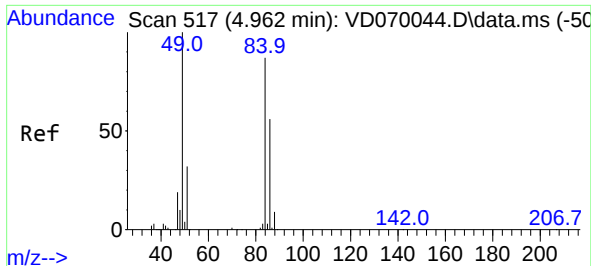
Tgt Ion: 59 Resp: 3811
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#



#16
Acetone
Concen: 3.200 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD070141.D
Acq: 18 Aug 2021 23:30

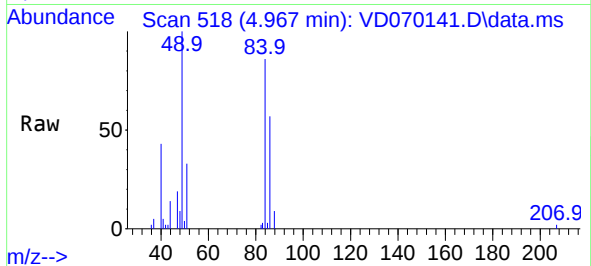
Tgt Ion: 43 Resp: 2681
Ion Ratio Lower Upper
43 100
58 26.4 26.8 40.2#





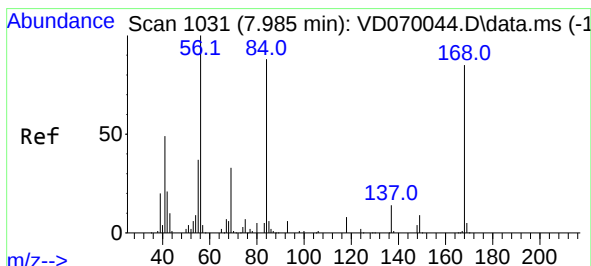
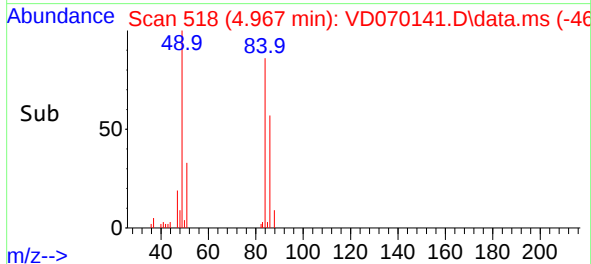
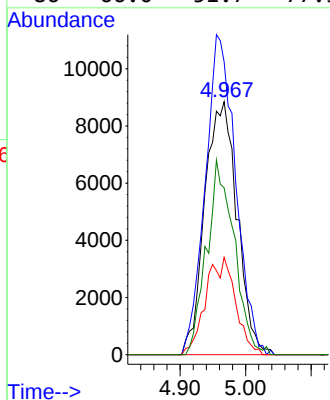
#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. 0.005 min
Lab File: VD070141.D
Acq: 18 Aug 2021 23:30

Instrument :
MSVOA_D
ClientSampleId :
VD0818SBL02



Tgt Ion: 84 Resp: 30328

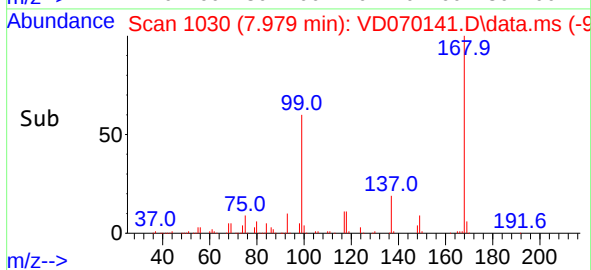
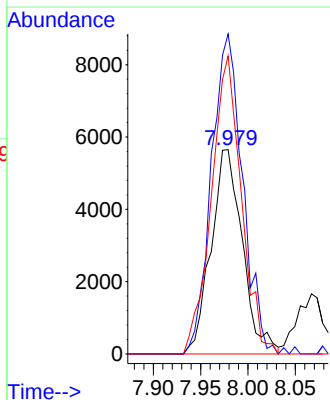
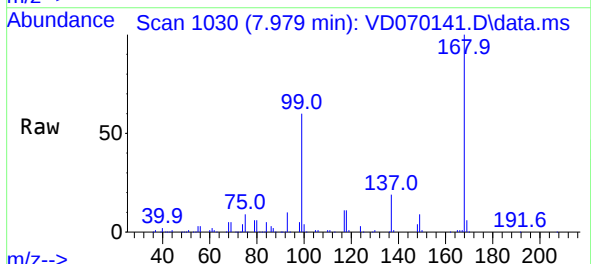
Ion	Ratio	Lower	Upper
84	100		
49	115.9	92.5	138.7
51	38.5	29.7	44.5
86	66.0	51.7	77.5

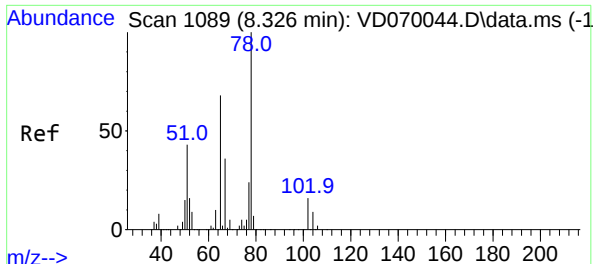


#31
Cyclohexane
Concen: 1.447 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD070141.D
Acq: 18 Aug 2021 23:30

Tgt Ion: 56 Resp: 13028

Ion	Ratio	Lower	Upper
56	100		
69	156.6	26.7	40.1#
84	145.9	70.4	105.6#

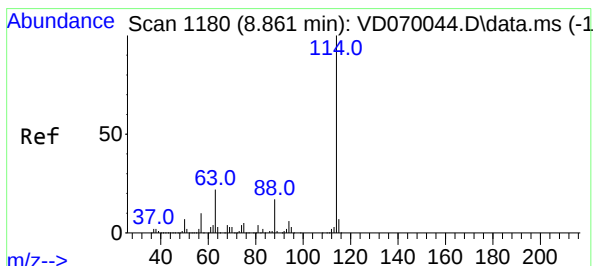
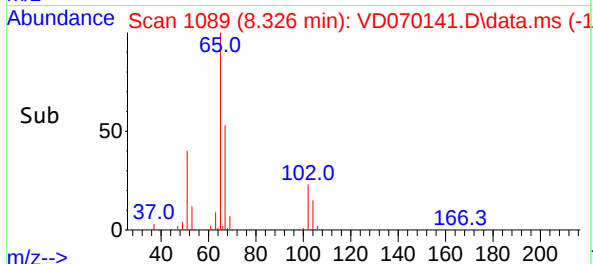
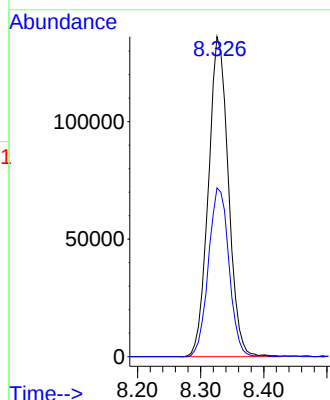
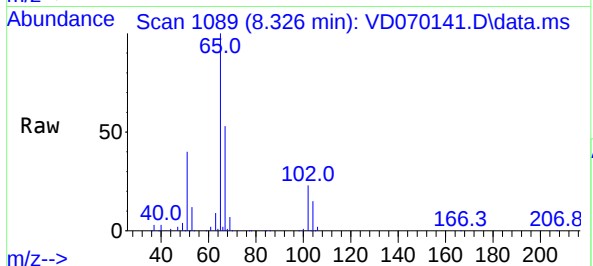




#33
 1,2-Dichloroethane-d4
 Concen: 65.830 ug/l
 RT: 8.326 min Scan# 1089
 Delta R.T. -0.000 min
 Lab File: VD070141.D
 Acq: 18 Aug 2021 23:30

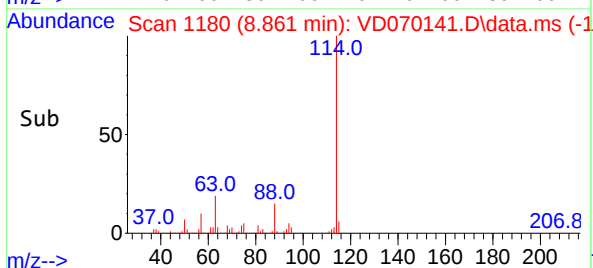
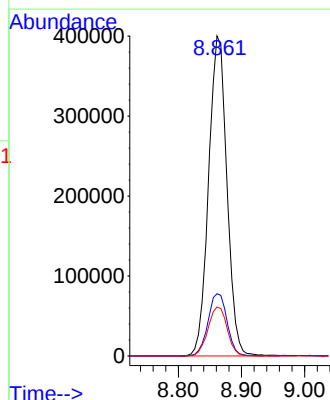
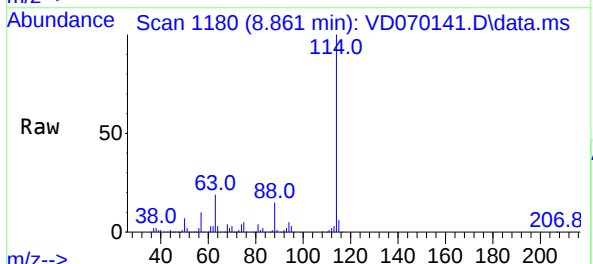
Instrument :
 MSVOA_D
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 VD0818SBL02

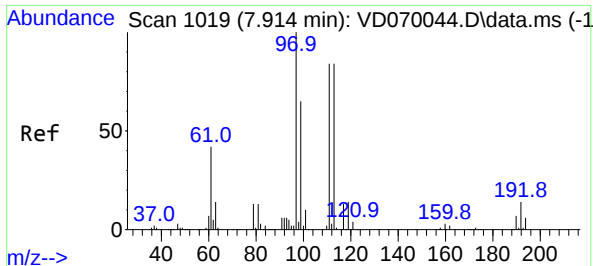
Tgt Ion: 65 Resp: 299381
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.861 min Scan# 1180
 Delta R.T. -0.000 min
 Lab File: VD070141.D
 Acq: 18 Aug 2021 23:30

Tgt Ion: 114 Resp: 806038
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 43.6
 88 15.3 0.0 33.4



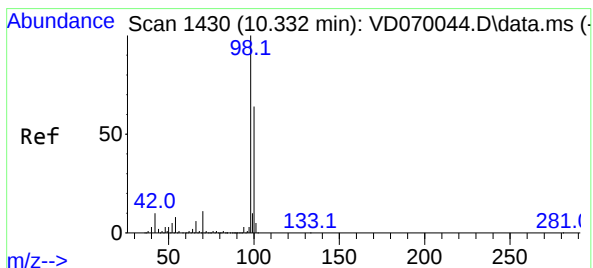
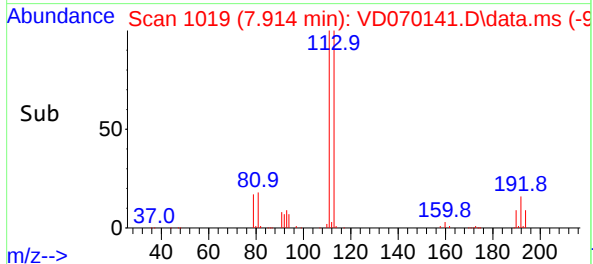
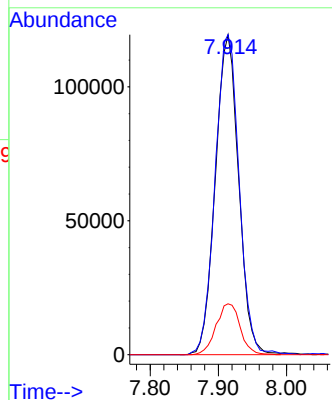
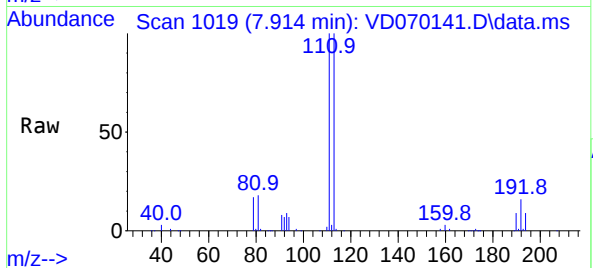


#35

Dibromofluoromethane
Concen: 54.533 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070141.D
Acq: 18 Aug 2021 23:30

Instrument :
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ClientSampleId :
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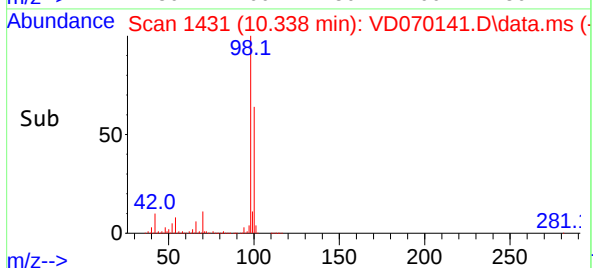
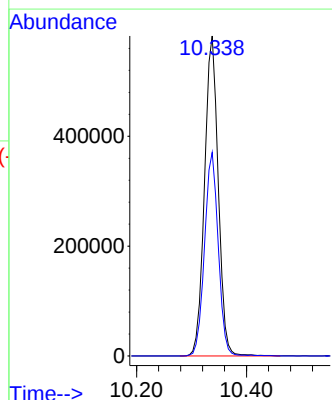
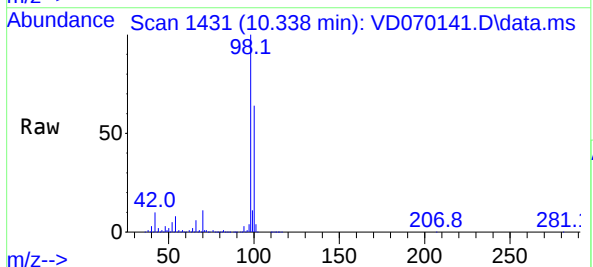
Tgt Ion:113 Resp: 283983
Ion Ratio Lower Upper
113 100
111 102.9 81.8 122.6
192 16.4 13.2 19.8

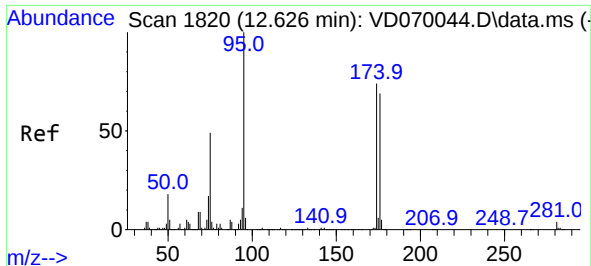


#50

Toluene-d8
Concen: 49.808 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070141.D
Acq: 18 Aug 2021 23:30

Tgt Ion: 98 Resp: 1008834
Ion Ratio Lower Upper
98 100
100 63.4 52.6 78.8

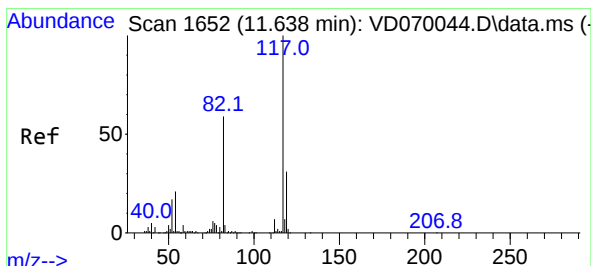
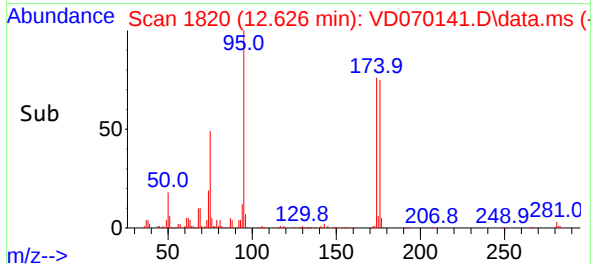
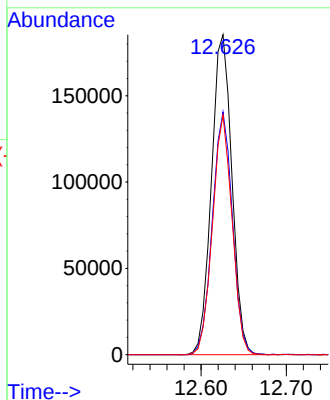
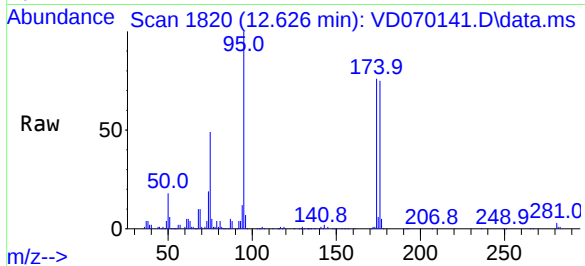




#62
4-Bromofluorobenzene
Concen: 46.422 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070141.D
Acq: 18 Aug 2021 23:30

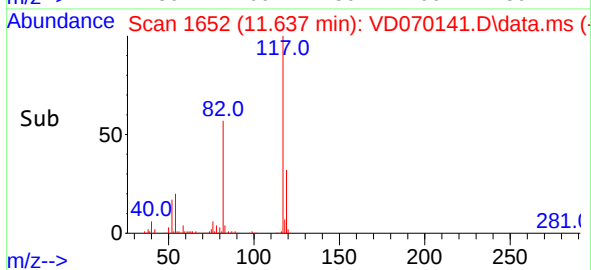
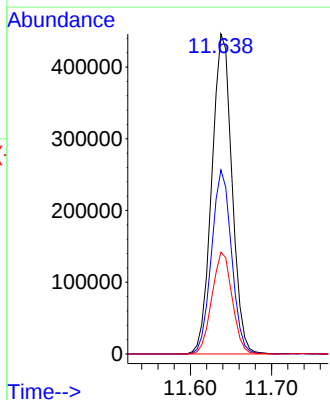
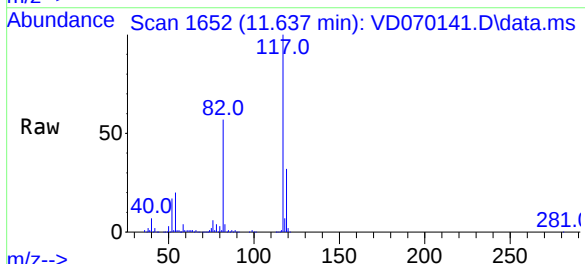
Instrument :
MSVOA_D
ClientSampleId :
VD0818SBL02

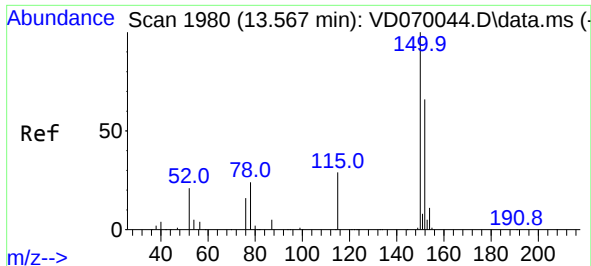
Tgt Ion: 95 Resp: 309695
Ion Ratio Lower Upper
95 100
174 74.5 0.0 141.6
176 71.5 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070141.D
Acq: 18 Aug 2021 23:30

Tgt Ion: 117 Resp: 770420
Ion Ratio Lower Upper
117 100
82 57.5 47.5 71.3
119 31.8 25.1 37.7

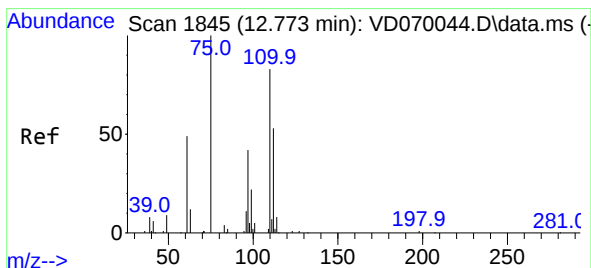
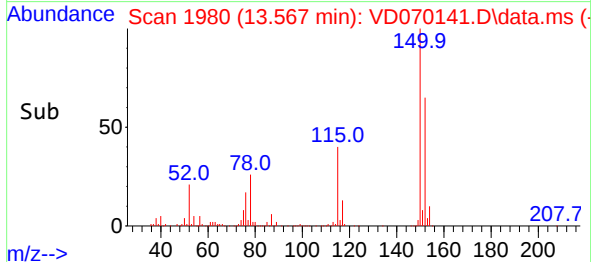
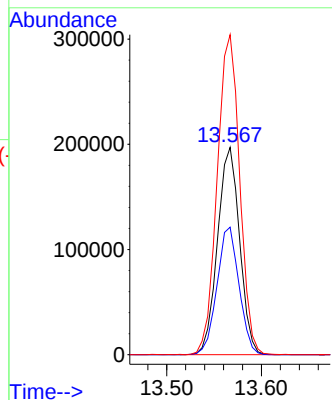
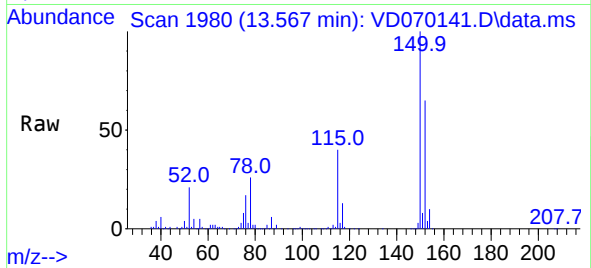




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070141.D
Acq: 18 Aug 2021 23:30

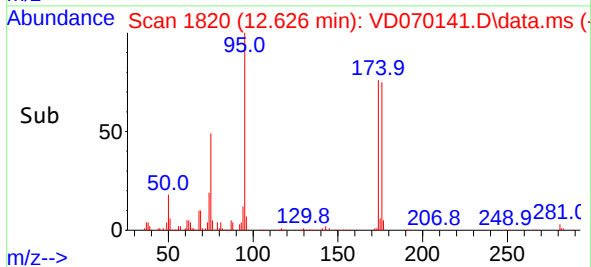
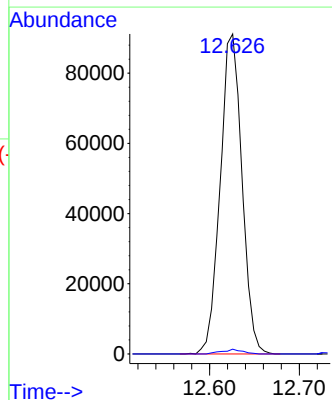
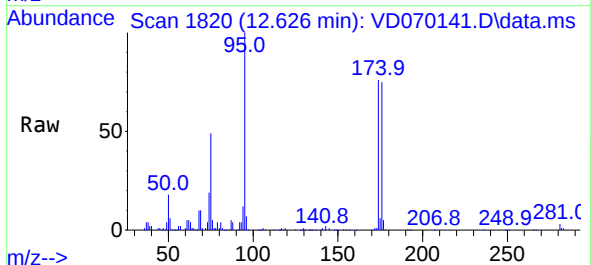
Instrument :
MSVOA_D
ClientSampleId :
VD0818SBL02

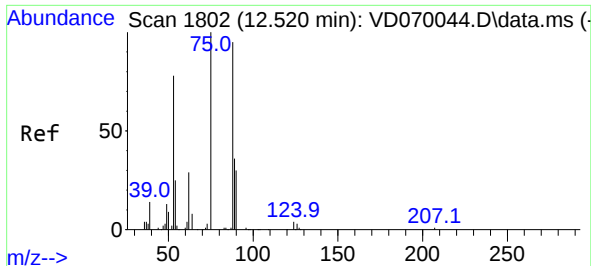
Tgt Ion:152 Resp: 319235
Ion Ratio Lower Upper
152 100
115 61.4 31.2 93.6
150 157.1 0.0 352.0



#76
1,2,3-Trichloropropane
Concen: 47.477 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070141.D
Acq: 18 Aug 2021 23:30

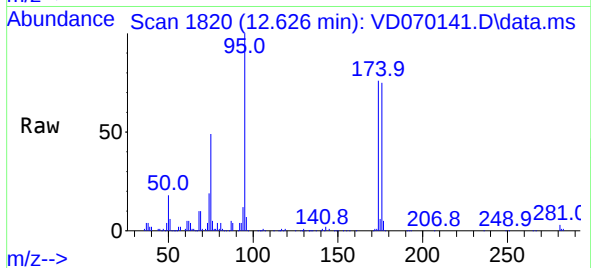
Tgt Ion: 75 Resp: 153705
Ion Ratio Lower Upper
75 100
77 1.4 182.4 547.2#





#81
trans-1,4-Dichloro-2-butene
Concen: 123.232 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD070141.D
Acq: 18 Aug 2021 23:30

Instrument :
MSVOA_D
ClientSampleId :
VD0818SBL02



Tgt Ion: 75 Resp: 153705
Ion Ratio Lower Upper
75 100
53 0.3 64.5 96.7#
89 0.1 33.7 50.5#

