

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081321\
 Data File : VD070053.D
 Acq On : 13 Aug 2021 16:47
 Operator : VA/SY
 Sample : M3368-10
 Misc : 5.54G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SWCS-07-0510

Quant Time: Aug 14 02:51:19 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)

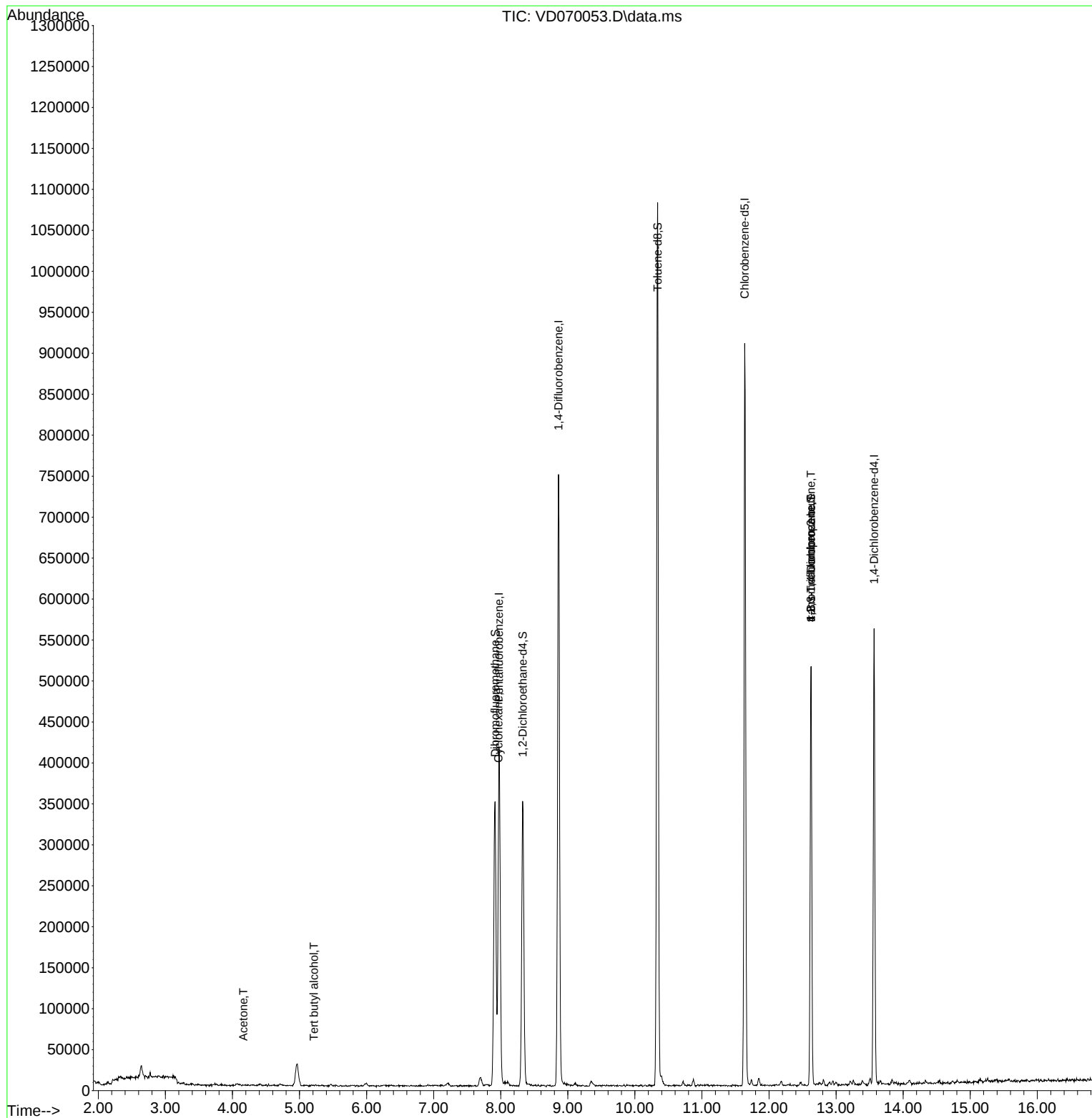
Internal Standards						
1) Pentafluorobenzene	7.973	168	289396	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	633663	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	522847	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	144342	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	270954	79.605	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 159.200%			
35) Dibromofluoromethane	7.914	113	259372	63.356	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 126.720%			
50) Toluene-d8	10.338	98	755050	47.419	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 94.840%			
62) 4-Bromofluorobenzene	12.626	95	178433	34.022	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 68.040%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	1515	Below Cal		88
3) Chloromethane	2.209	50	2594	Below Cal	#	65
5) Bromomethane	2.773	94	2988	Below Cal	#	74
11) Tert butyl alcohol	5.215	59	528	2.807	ug/l #	71
16) Acetone	4.162	43	1653	2.636	ug/l #	41
20) Methylene Chloride	4.962	84	21547	Below Cal		94
31) Cyclohexane	7.967	56	8541	1.268	ug/l #	41
76) 1,2,3-Trichloropropane	12.626	75	87194	59.566	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	87194	154.611	ug/l #	18

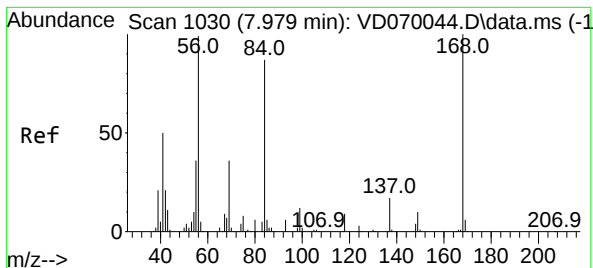
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081321\
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Misc : 5.54G/5.00ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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Quant Time: Aug 14 02:51:19 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

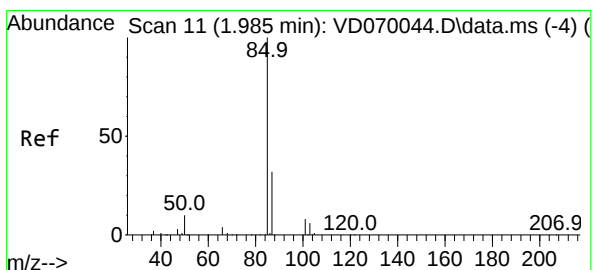
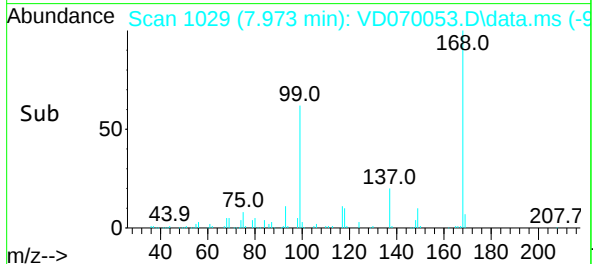
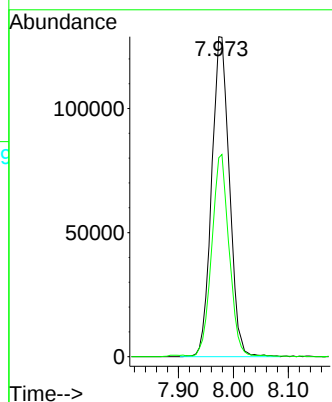
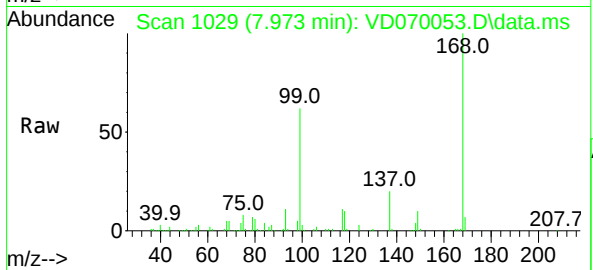




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070053.D
Acq: 13 Aug 2021 16:47

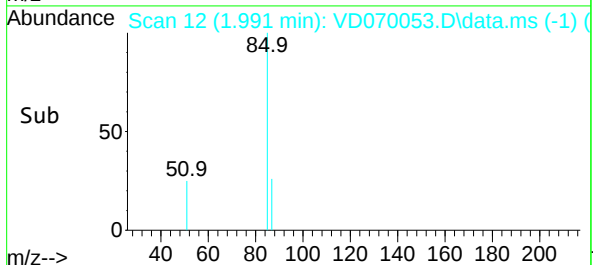
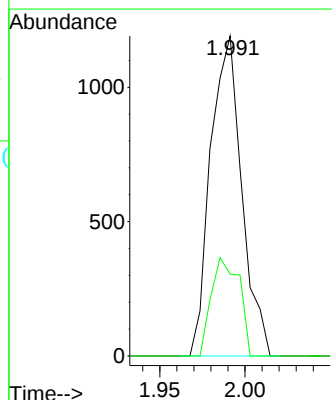
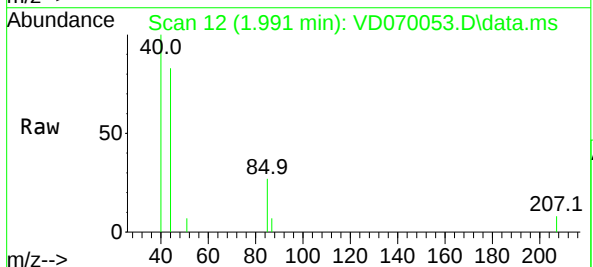
Instrument :
MSVOA_D
ClientSampleId :
SWCS-07-0510

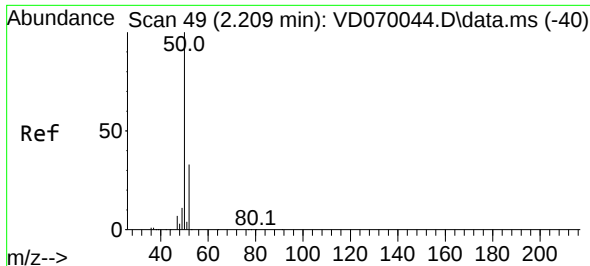
Tgt Ion:168 Resp: 289396
Ion Ratio Lower Upper
168 100
99 61.9 50.3 75.5



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.991 min Scan# 12
Delta R.T. 0.006 min
Lab File: VD070053.D
Acq: 13 Aug 2021 16:47

Tgt Ion: 85 Resp: 1515
Ion Ratio Lower Upper
85 100
87 25.5 16.2 48.6

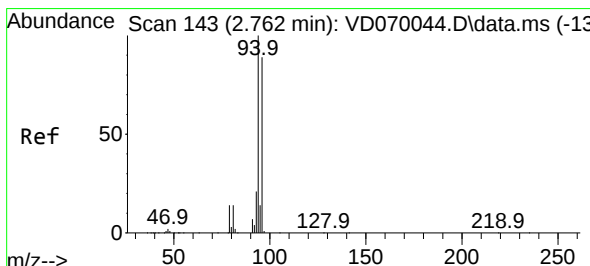
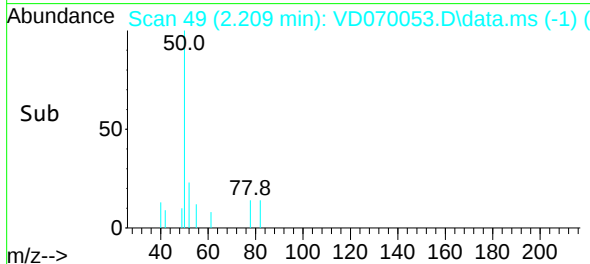
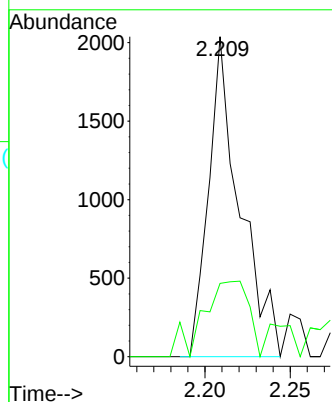
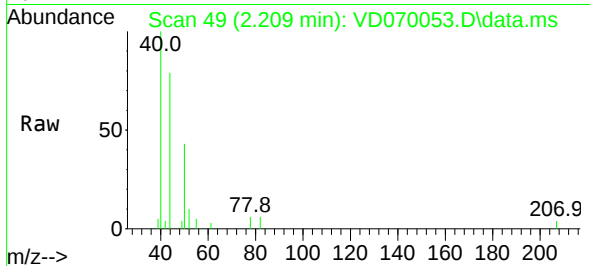




#3
Chloromethane
Concen: Below Cal
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD070053.D
Acq: 13 Aug 2021 16:47

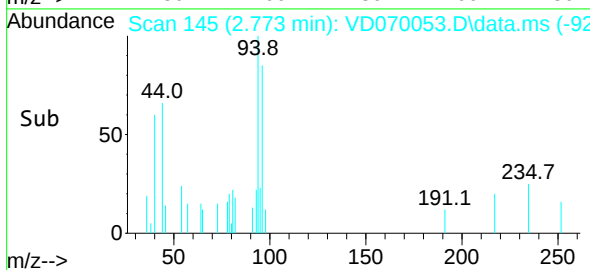
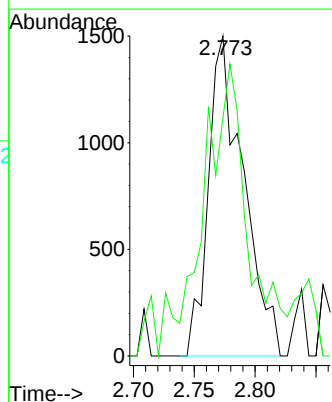
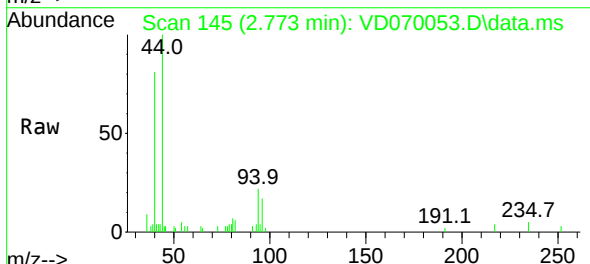
Instrument :
MSVOA_D
ClientSampleId :
SWCS-07-0510

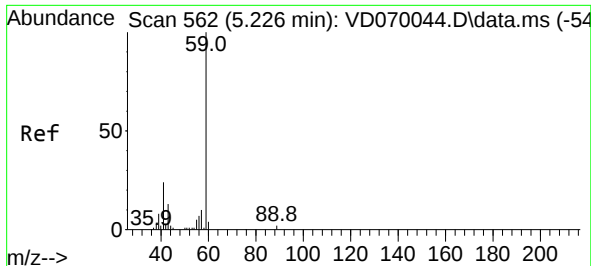
Tgt Ion: 50 Resp: 2594
Ion Ratio Lower Upper
50 100
52 13.4 26.3 39.5#



#5
Bromomethane
Concen: Below Cal
RT: 2.773 min Scan# 145
Delta R.T. 0.011 min
Lab File: VD070053.D
Acq: 13 Aug 2021 16:47

Tgt Ion: 94 Resp: 2988
Ion Ratio Lower Upper
94 100
96 64.0 70.9 106.3#



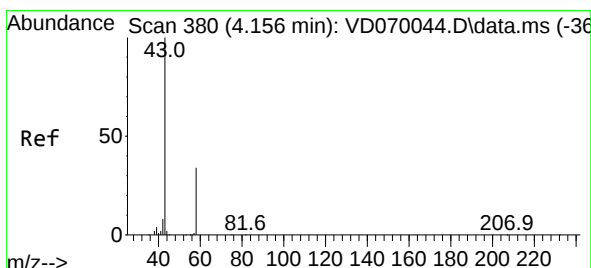
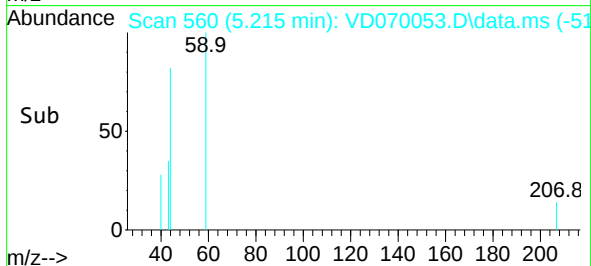
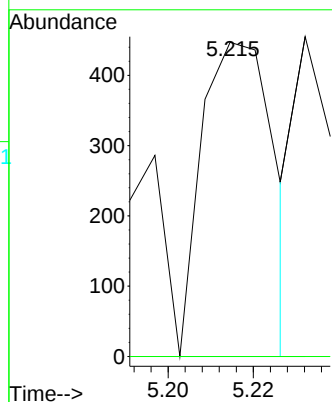
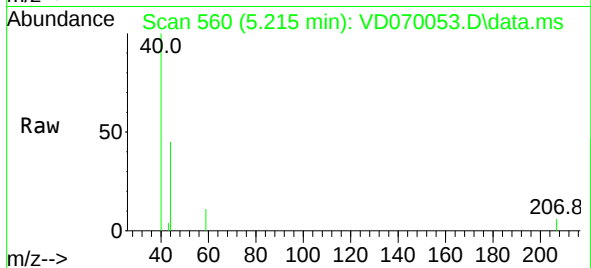


#11

Tert butyl alcohol
Concen: 2.807 ug/l
RT: 5.215 min Scan# 560
Delta R.T. -0.012 min
Lab File: VD070053.D
Acq: 13 Aug 2021 16:47

Instrument :
MSVOA_D
ClientSampleId :
SWCS-07-0510

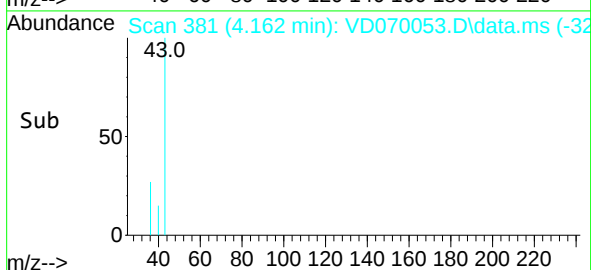
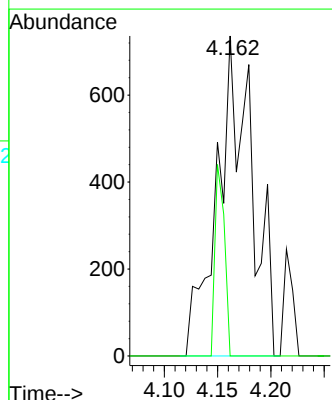
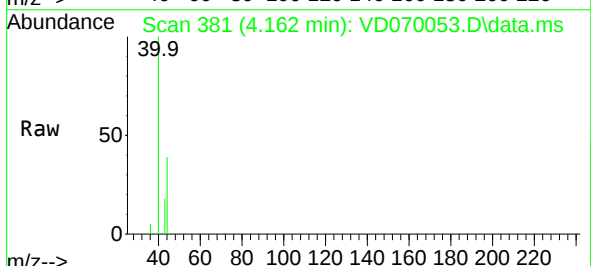
Tgt Ion: 59 Resp: 528
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#

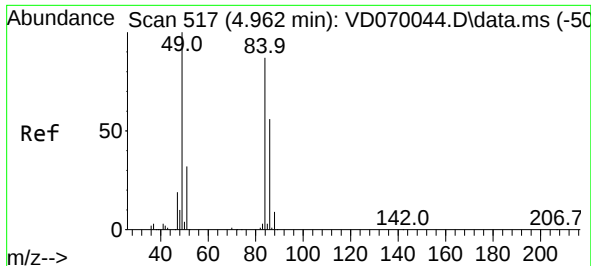


#16

Acetone
Concen: 2.636 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD070053.D
Acq: 13 Aug 2021 16:47

Tgt Ion: 43 Resp: 1653
Ion Ratio Lower Upper
43 100
58 0.0 26.8 40.2#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.962 min Scan# 517

Delta R.T. -0.000 min

Lab File: VD070053.D

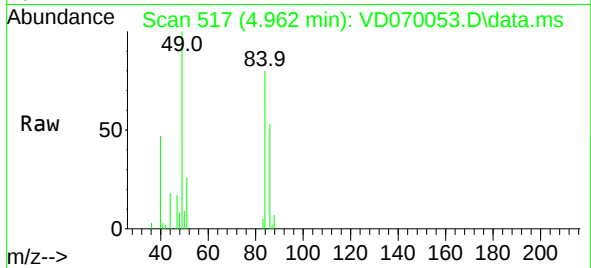
Acq: 13 Aug 2021 16:47

Instrument :

MSVOA_D

ClientSampleId :

SWCS-07-0510



Tgt Ion: 84 Resp: 21547

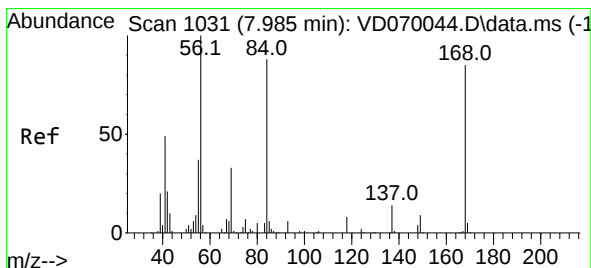
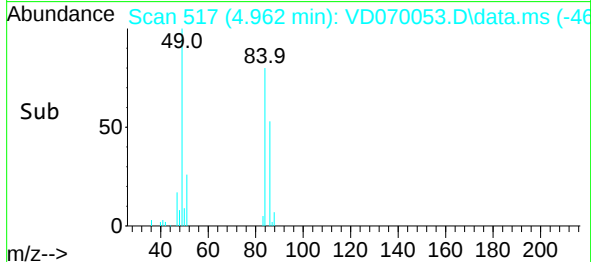
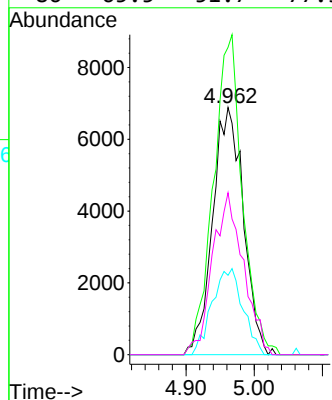
Ion Ratio Lower Upper

84 100

49 124.3 92.5 138.7

51 32.1 29.7 44.5

86 65.5 51.7 77.5



#31

Cyclohexane

Concen: 1.268 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.018 min

Lab File: VD070053.D

Acq: 13 Aug 2021 16:47

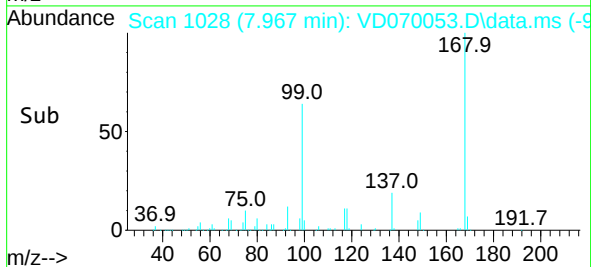
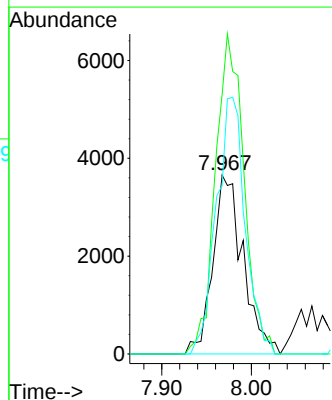
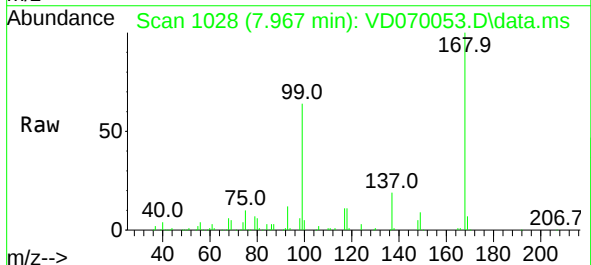
Tgt Ion: 56 Resp: 8541

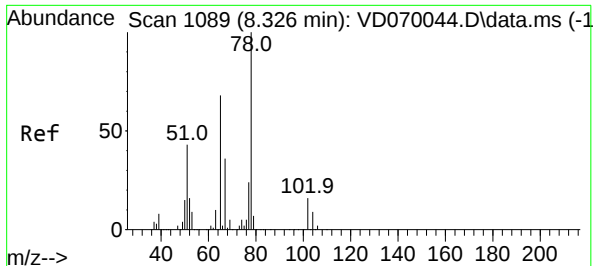
Ion Ratio Lower Upper

56 100

69 145.1 26.7 40.1#

84 94.1 70.4 105.6

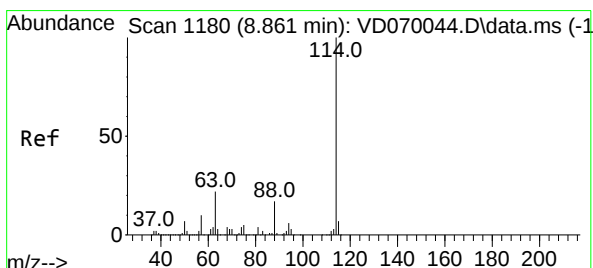
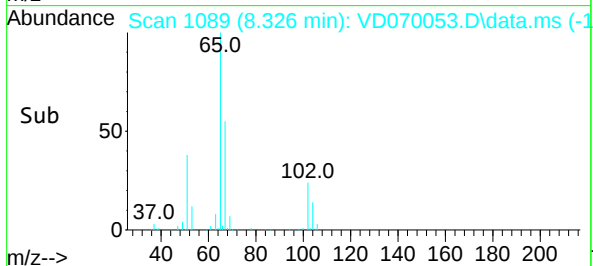
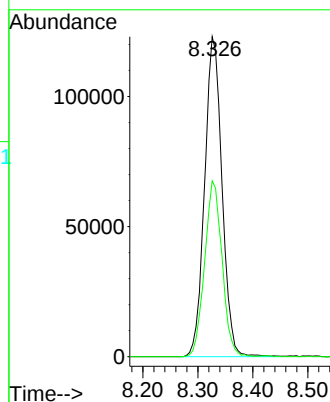
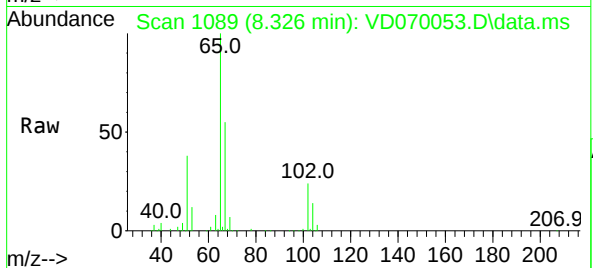




#33
1,2-Dichloroethane-d4
Concen: 79.605 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070053.D
Acq: 13 Aug 2021 16:47

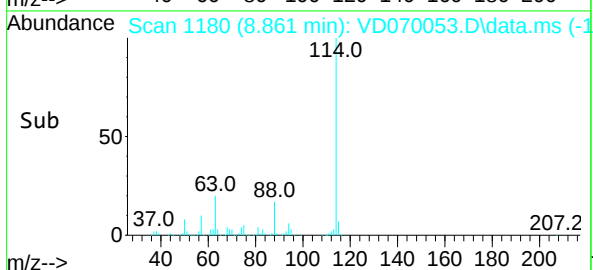
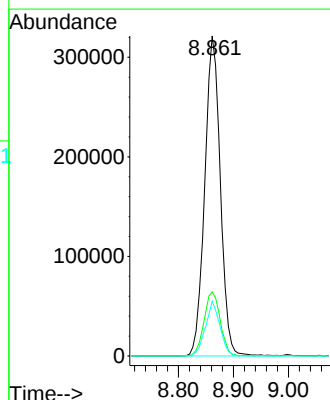
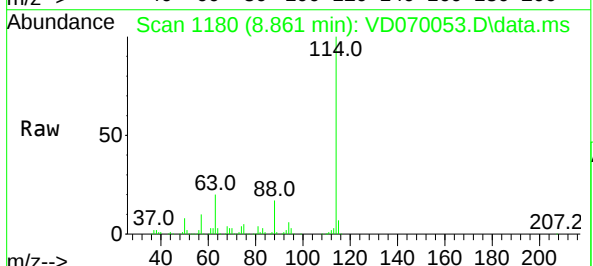
Instrument :
MSVOA_D
ClientSampleId :
SWCS-07-0510

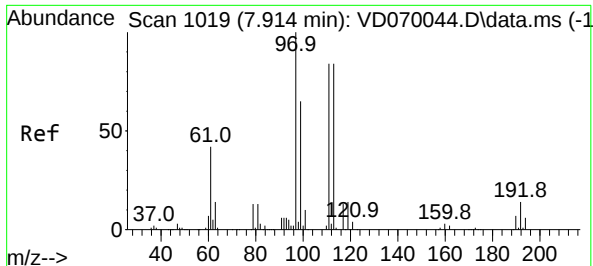
Tgt Ion: 65 Resp: 270954
Ion Ratio Lower Upper
65 100
67 55.0 0.0 107.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070053.D
Acq: 13 Aug 2021 16:47

Tgt Ion: 114 Resp: 633663
Ion Ratio Lower Upper
114 100
63 20.0 0.0 43.6
88 17.1 0.0 33.4





#35

Dibromofluoromethane

Concen: 63.356 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD070053.D

Acq: 13 Aug 2021 16:47

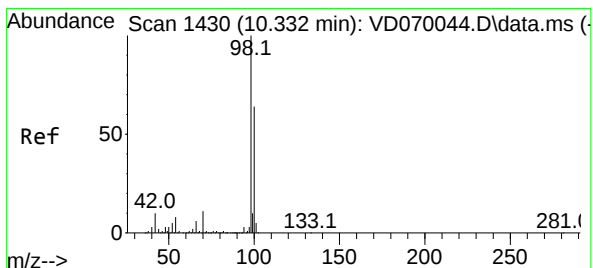
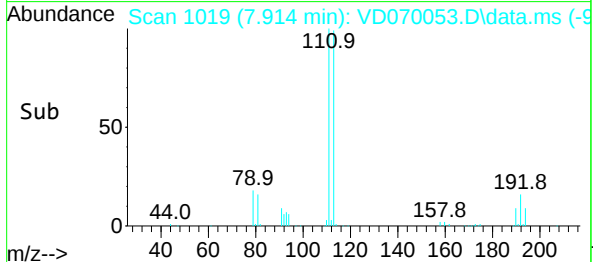
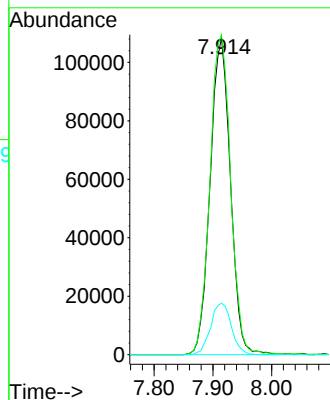
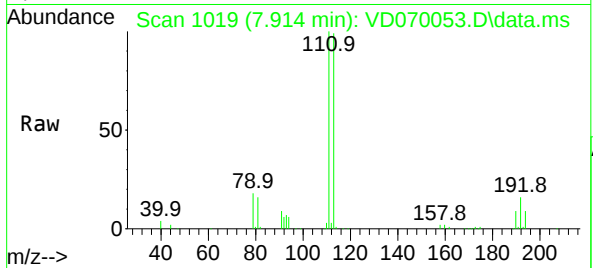
Tgt Ion:113 Resp: 259372

Ion Ratio Lower Upper

113 100

111 103.4 81.8 122.6

192 16.7 13.2 19.8



#50

Toluene-d8

Concen: 47.419 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. 0.006 min

Lab File: VD070053.D

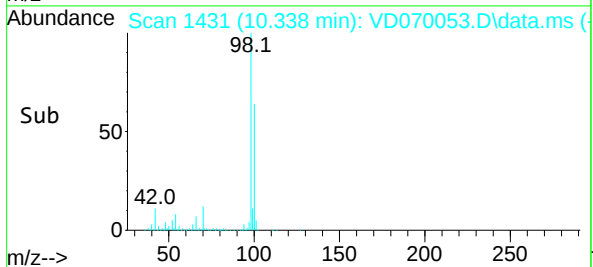
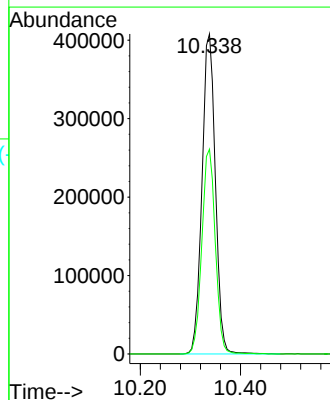
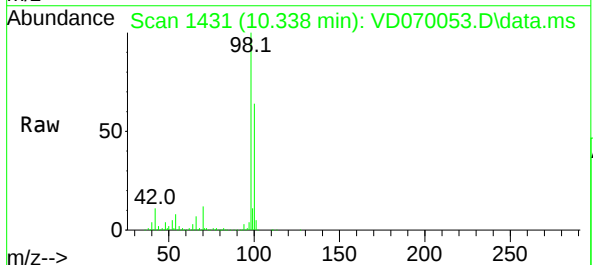
Acq: 13 Aug 2021 16:47

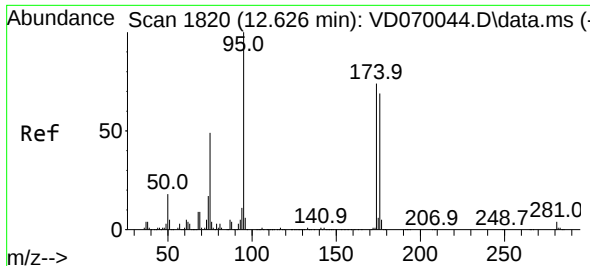
Tgt Ion: 98 Resp: 755050

Ion Ratio Lower Upper

98 100

100 64.3 52.6 78.8

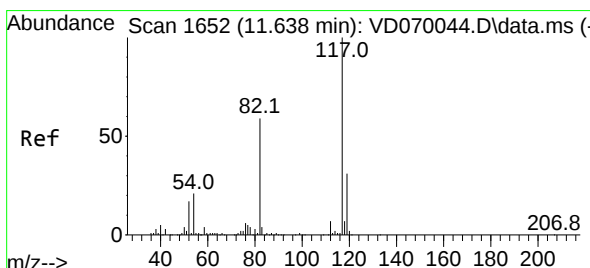
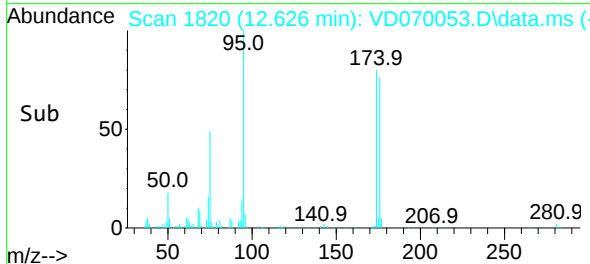
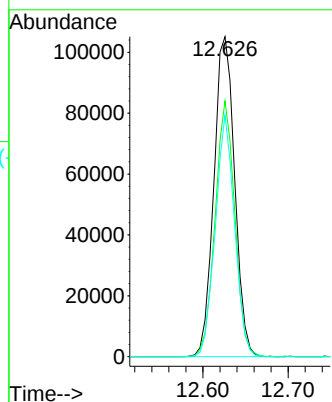
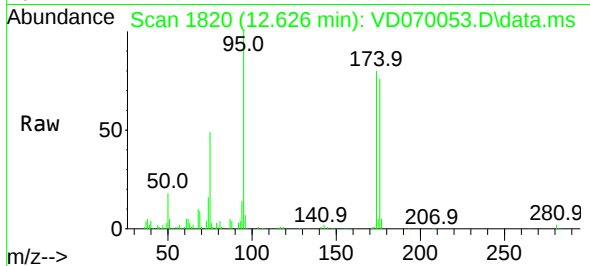




#62
4-Bromofluorobenzene
Concen: 34.022 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070053.D
Acq: 13 Aug 2021 16:47

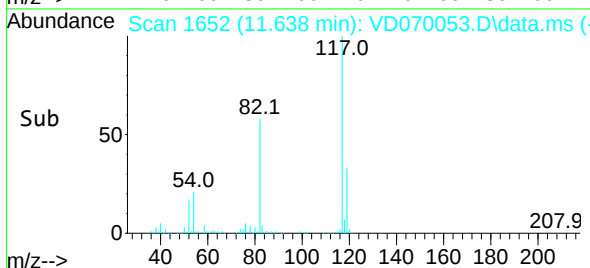
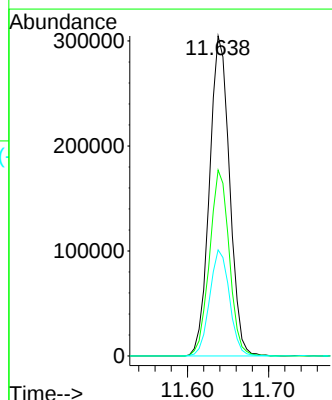
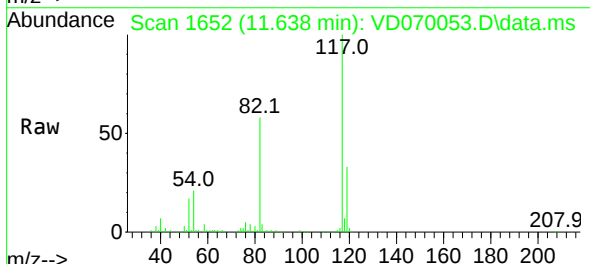
Instrument :
MSVOA_D
ClientSampleId :
SWCS-07-0510

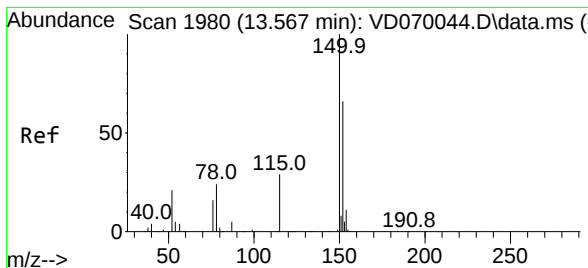
Tgt Ion: 95 Resp: 178433
Ion Ratio Lower Upper
95 100
174 75.5 0.0 141.6
176 70.1 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070053.D
Acq: 13 Aug 2021 16:47

Tgt Ion: 117 Resp: 522847
Ion Ratio Lower Upper
117 100
82 58.1 47.5 71.3
119 33.1 25.1 37.7

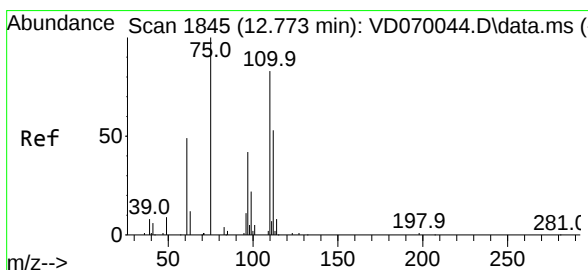
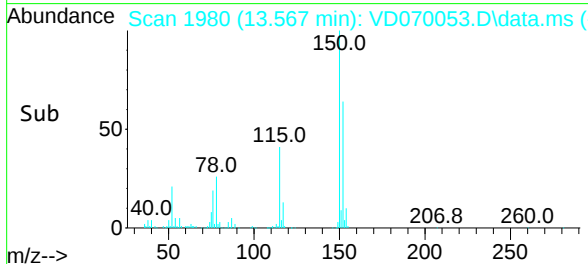
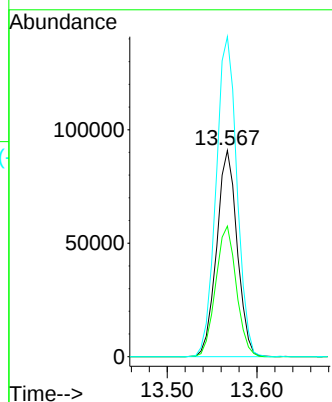
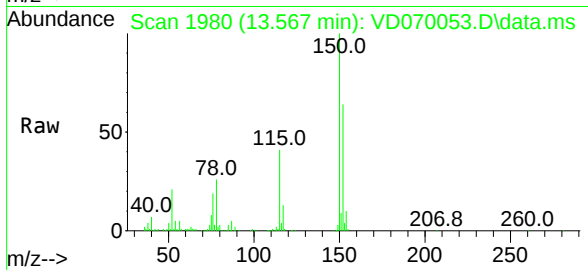




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. 0.000 min
 Lab File: VD070053.D
 Acq: 13 Aug 2021 16:47

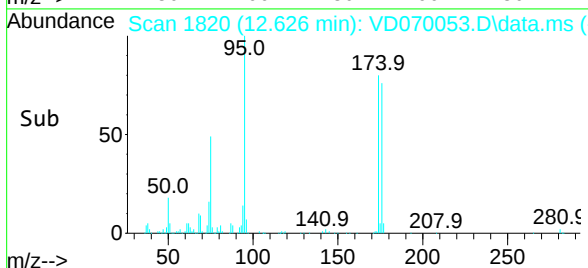
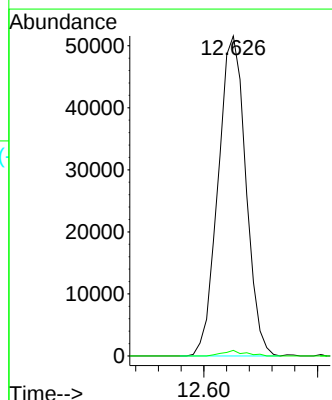
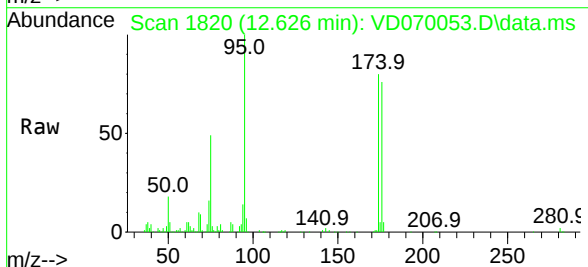
Instrument :
 MSVOA_D
 ClientSampleId :
 SWCS-07-0510

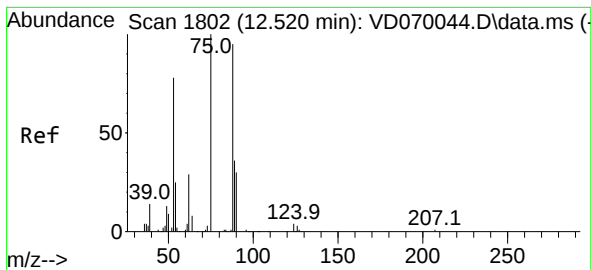
Tgt Ion:152 Resp: 144342
 Ion Ratio Lower Upper
 152 100
 115 63.8 31.2 93.6
 150 157.7 0.0 352.0



#76
 1,2,3-Trichloropropane
 Concen: 59.566 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.147 min
 Lab File: VD070053.D
 Acq: 13 Aug 2021 16:47

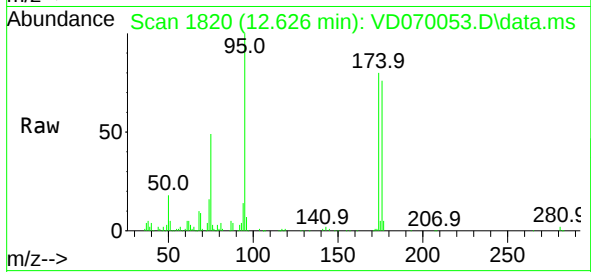
Tgt Ion: 75 Resp: 87194
 Ion Ratio Lower Upper
 75 100
 77 1.4 182.4 547.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 154.611 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. 0.106 min
 Lab File: VD070053.D
 Acq: 13 Aug 2021 16:47

Instrument :
 MSVOA_D
 ClientSampleId :
 SWCS-07-0510



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

