

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081721\
 Data File : VD070089.D
 Acq On : 17 Aug 2021 15:40
 Operator : VA/SY
 Sample : M3445-03
 Misc : 5.73G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TT-087-RW7-IDWSO-20210816-2

Quant Time: Aug 18 03:07:07 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	30532	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	55438	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	60505	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	27069	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	32323	90.010	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	180.020%#
35) Dibromofluoromethane	7.908	113	20866	58.258	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	116.520%
50) Toluene-d8	10.338	98	68800	49.387	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.780%
62) 4-Bromofluorobenzene	12.626	95	25515	55.608	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	111.220%

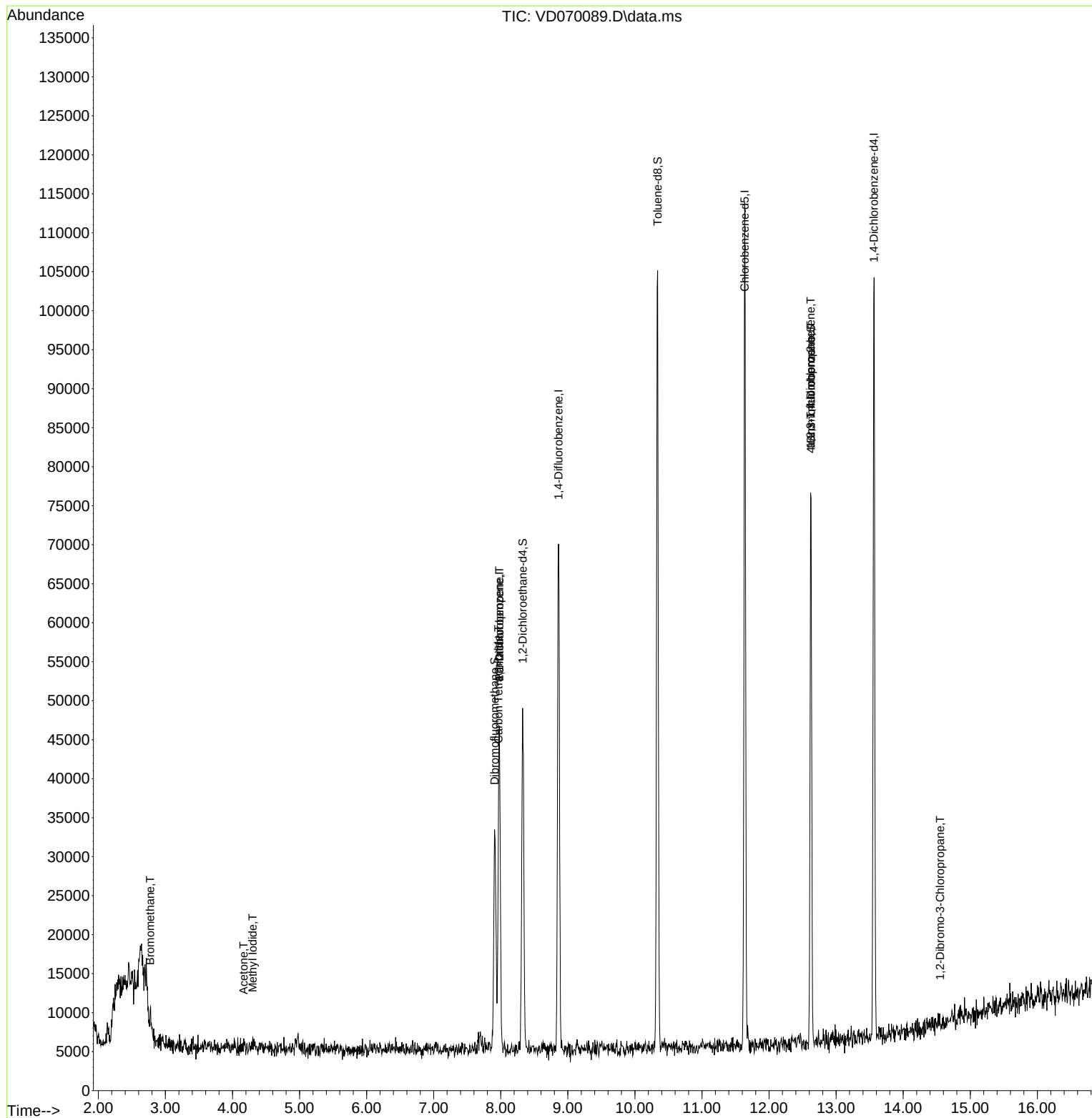
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.209	50	880	Below Cal	#	85
5) Bromomethane	2.773	94	2275	4.097	ug/l	86
10) Methyl Iodide	4.303	142	1133	3.138	ug/l	# 40
16) Acetone	4.167	43	780	11.791	ug/l	# 83
20) Methylene Chloride	4.961	84	1040	Below Cal	#	49
36) 1,1-Dichloropropene	7.979	75	2866	4.806	ug/l	# 45
38) Carbon Tetrachloride	7.967	117	1319	2.436	ug/l	# 10
76) 1,2,3-Trichloropropane	12.620	75	12376	45.083	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.620	75	12376	117.018	ug/l	# 17
92) 1,2-Dibromo-3-Chloropr...	14.549	75	61	1.037	ug/l	# 8

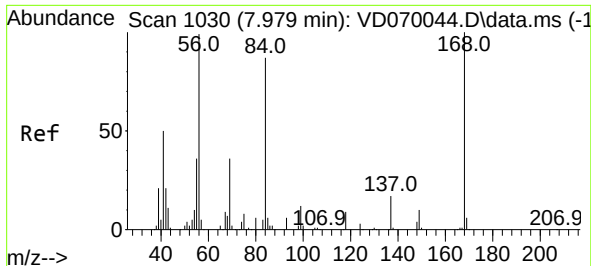
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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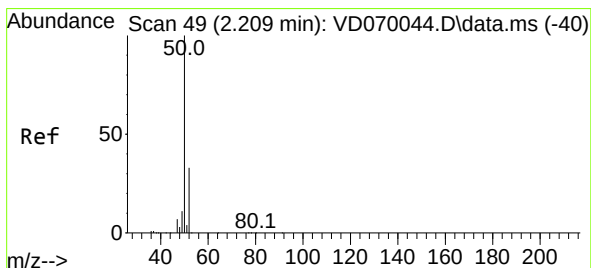
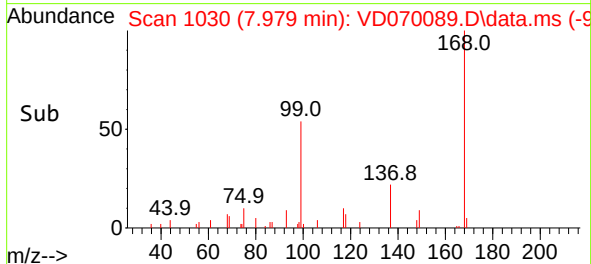
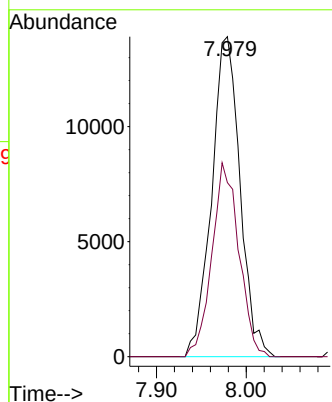
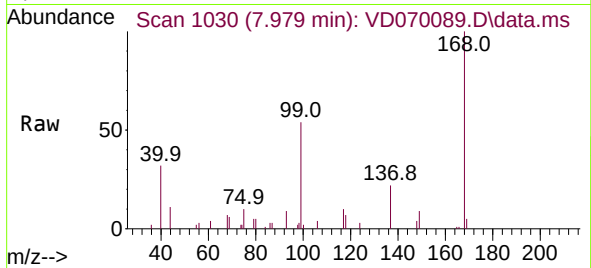




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070089.D
Acq: 17 Aug 2021 15:40

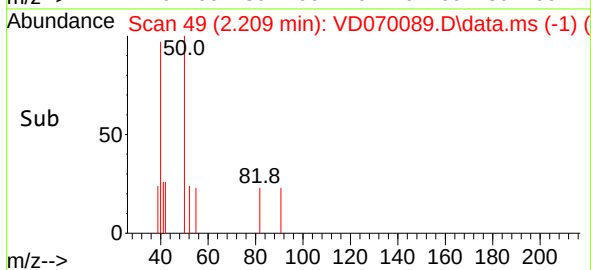
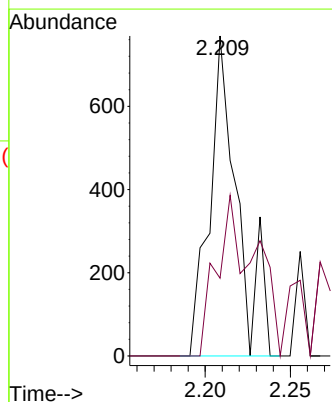
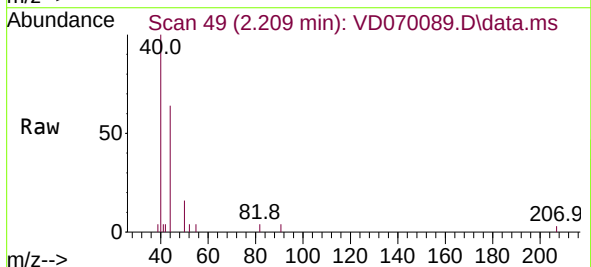
Instrument :
MSVOA_D
ClientSampleId :
TT-087-RW7-IDWSO-20210816-2

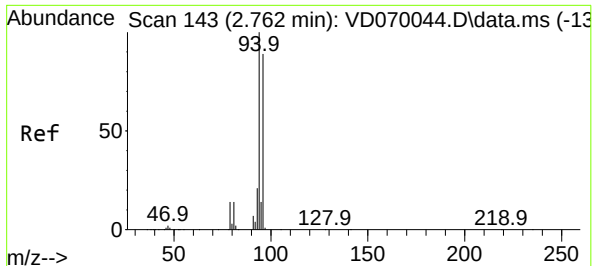
Tgt Ion:168 Resp: 30532
Ion Ratio Lower Upper
168 100
99 54.4 50.3 75.5



#3
Chloromethane
Concen: Below Cal
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD070089.D
Acq: 17 Aug 2021 15:40

Tgt Ion: 50 Resp: 880
Ion Ratio Lower Upper
50 100
52 24.3 26.3 39.5#

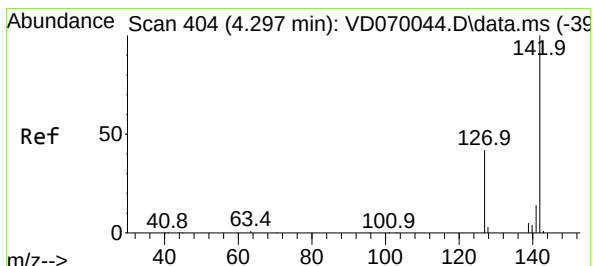
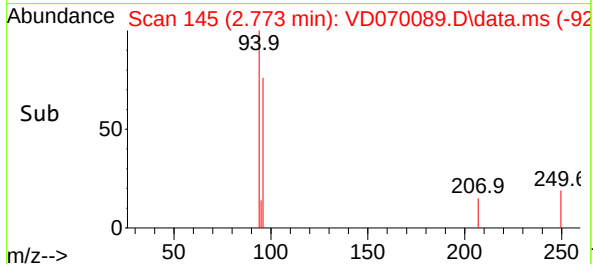
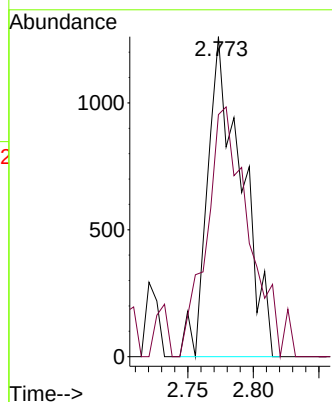
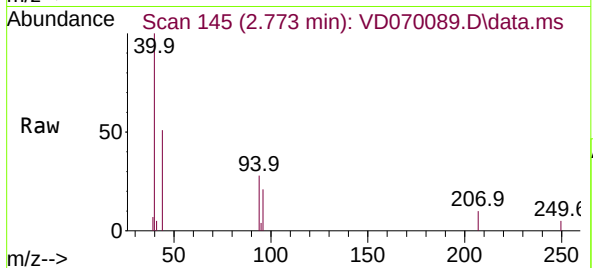




#5
Bromomethane
Concen: 4.097 ug/l
RT: 2.773 min Scan# 145
Delta R.T. 0.011 min
Lab File: VD070089.D
Acq: 17 Aug 2021 15:40

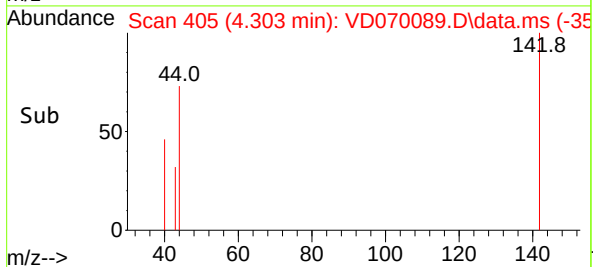
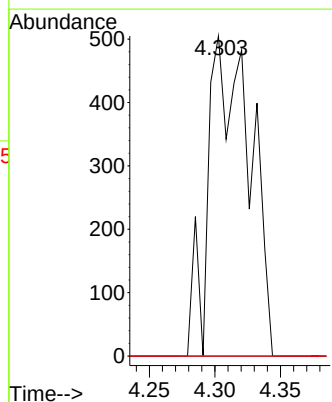
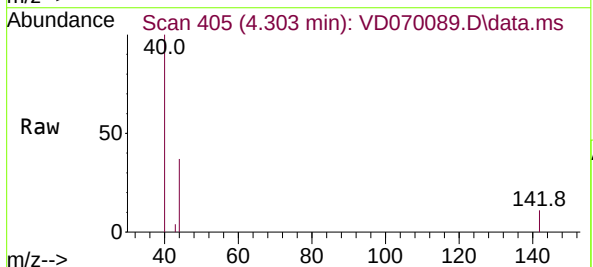
Instrument :
MSVOA_D
ClientSampleId :
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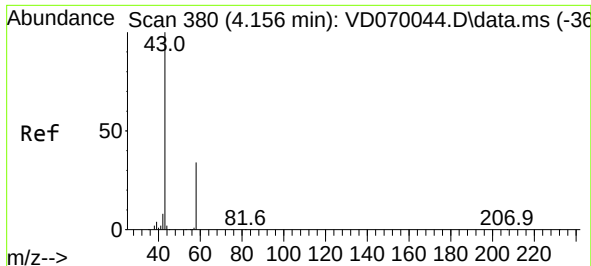
Tgt Ion: 94 Resp: 2275
Ion Ratio Lower Upper
94 100
96 75.7 70.9 106.3



#10
Methyl Iodide
Concen: 3.138 ug/l
RT: 4.303 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD070089.D
Acq: 17 Aug 2021 15:40

Tgt Ion: 142 Resp: 1133
Ion Ratio Lower Upper
142 100
127 0.0 35.4 53.0#
141 0.0 12.1 18.1#

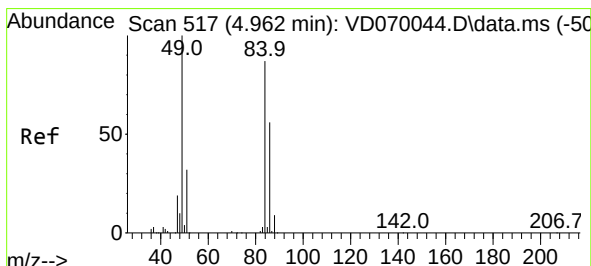
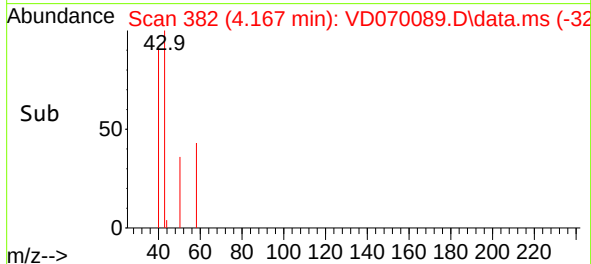
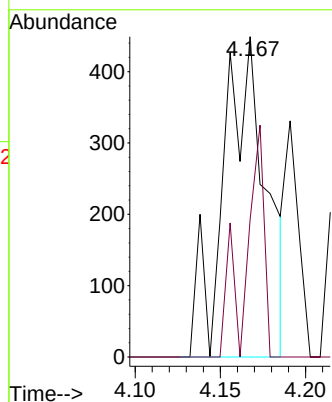
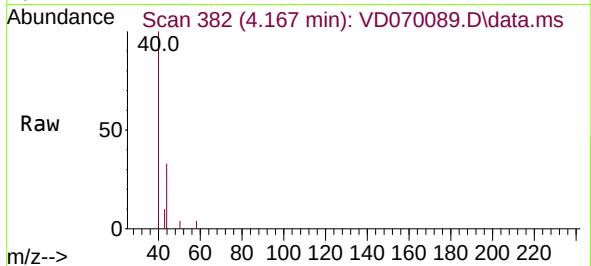




#16
Acetone
Concen: 11.791 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.012 min
Lab File: VD070089.D
Acq: 17 Aug 2021 15:40

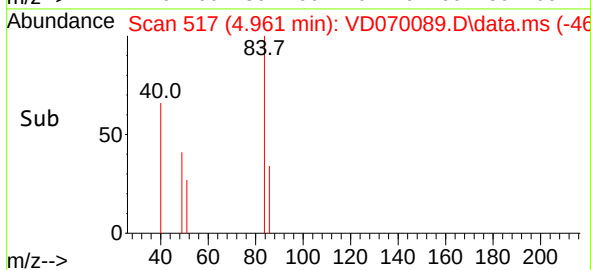
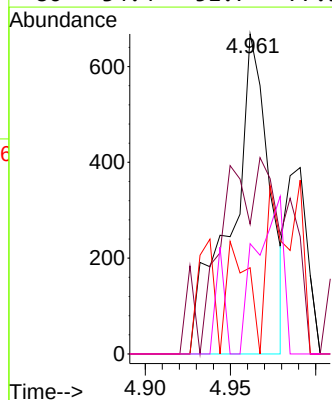
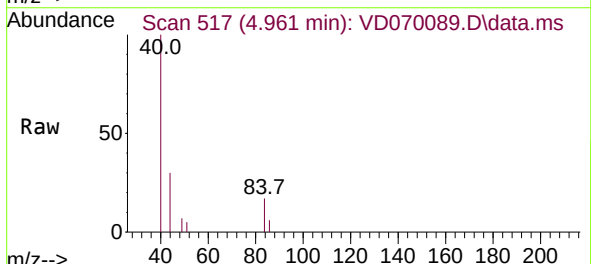
Instrument :
MSVOA_D
ClientSampleId :
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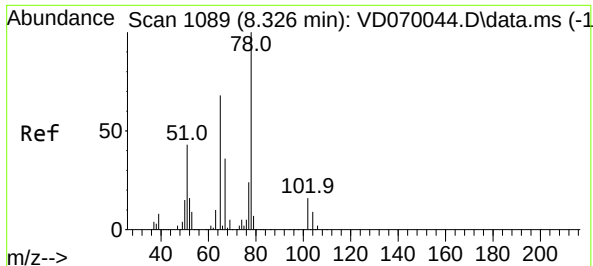
Tgt Ion: 43 Resp: 780
Ion Ratio Lower Upper
43 100
58 43.0 26.8 40.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.961 min Scan# 517
Delta R.T. -0.001 min
Lab File: VD070089.D
Acq: 17 Aug 2021 15:40

Tgt Ion: 84 Resp: 1040
Ion Ratio Lower Upper
84 100
49 40.6 92.5 138.7#
51 26.9 29.7 44.5#
86 34.4 51.7 77.5#

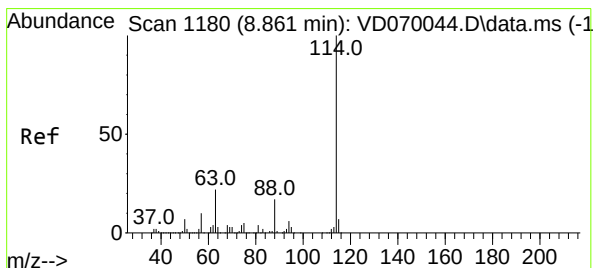
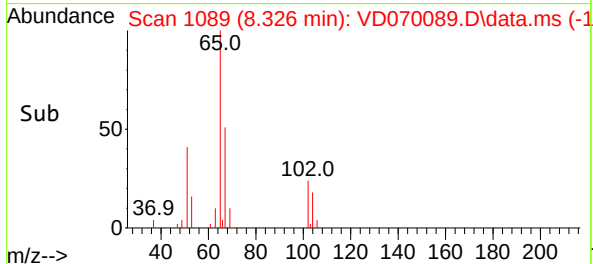
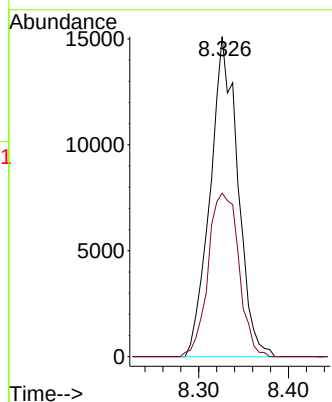
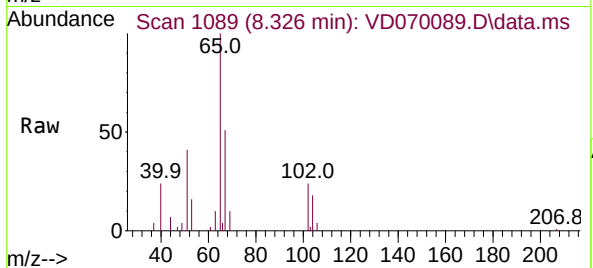




#33
1,2-Dichloroethane-d4
Concen: 90.010 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070089.D
Acq: 17 Aug 2021 15:40

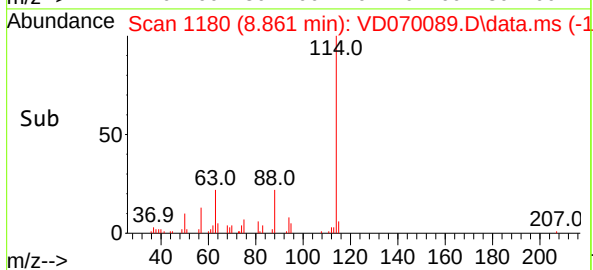
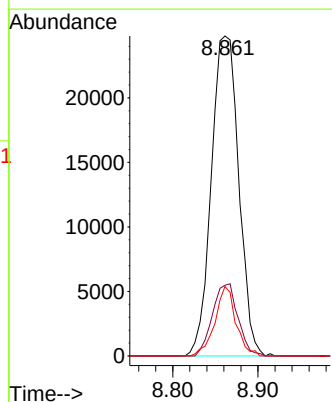
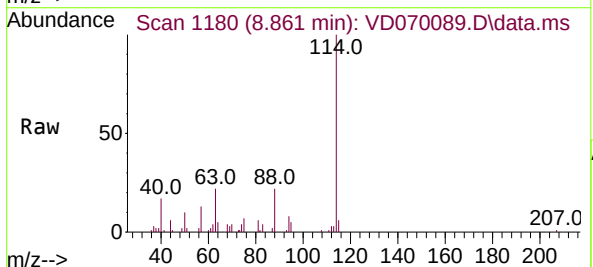
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ClientSampleId :
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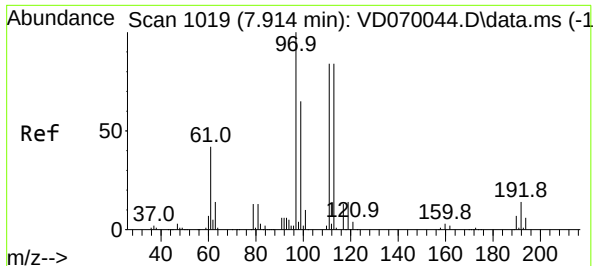
Tgt Ion: 65 Resp: 32323
Ion Ratio Lower Upper
65 100
67 56.4 0.0 107.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070089.D
Acq: 17 Aug 2021 15:40

Tgt Ion: 114 Resp: 55438
Ion Ratio Lower Upper
114 100
63 22.1 0.0 43.6
88 21.7 0.0 33.4





#35

Dibromofluoromethane

Concen: 58.258 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD070089.D

Acq: 17 Aug 2021 15:40

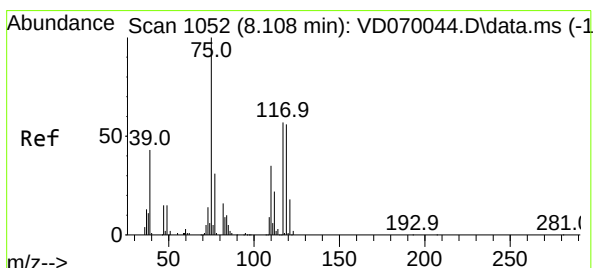
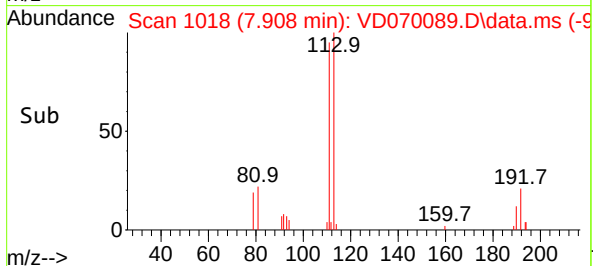
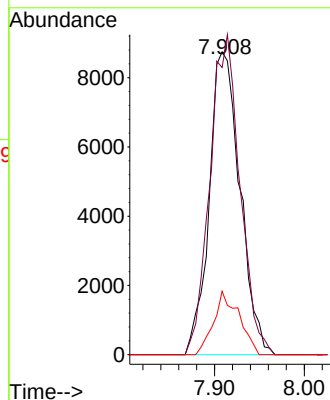
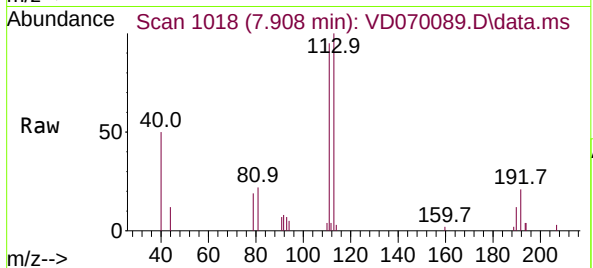
Tgt Ion:	113	Resp:	20866
Ion Ratio	Lower	Upper	
113	100		
111	103.1	81.8	122.6
192	17.3	13.2	19.8

Instrument :

MSVOA_D

ClientSampleId :

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#36

1,1-Dichloropropene

Concen: 4.806 ug/l

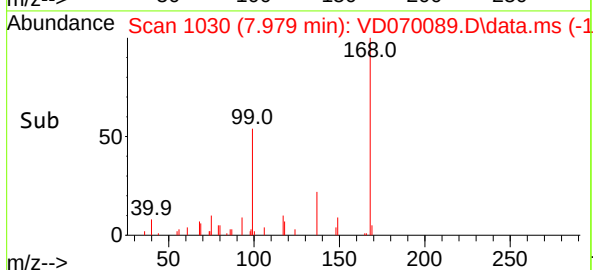
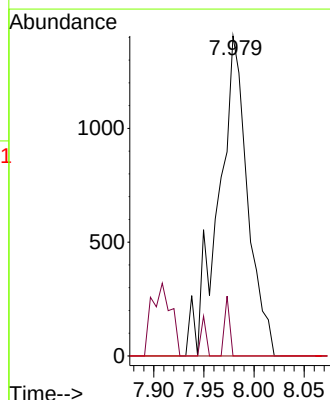
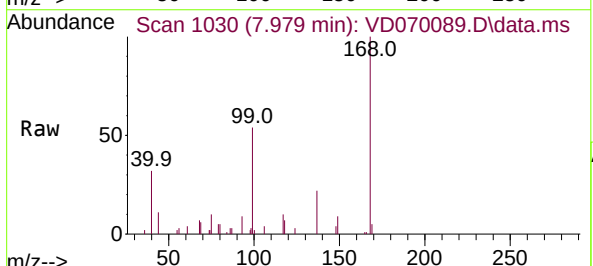
RT: 7.979 min Scan# 1030

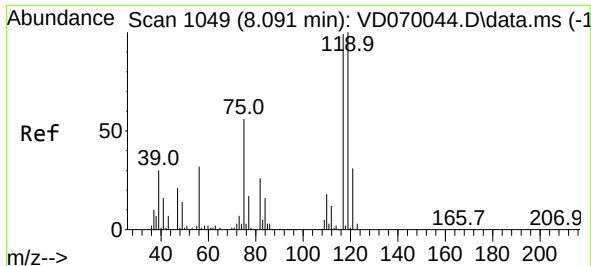
Delta R.T. -0.129 min

Lab File: VD070089.D

Acq: 17 Aug 2021 15:40

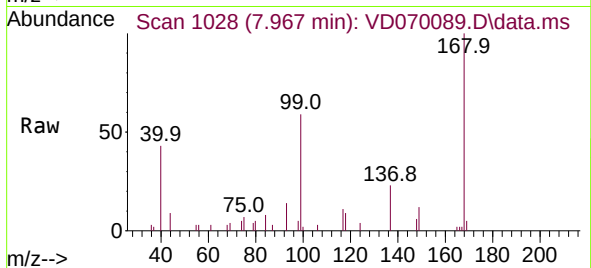
Tgt Ion:	75	Resp:	2866
Ion Ratio	Lower	Upper	
75	100		
110	3.2	16.9	50.7#
77	0.0	25.2	37.8#



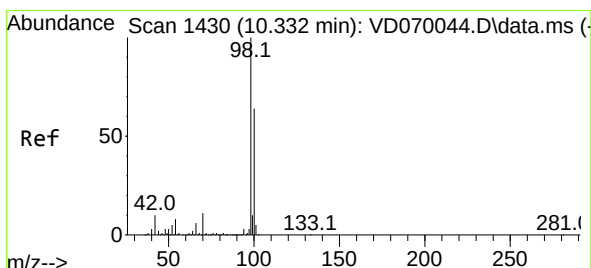
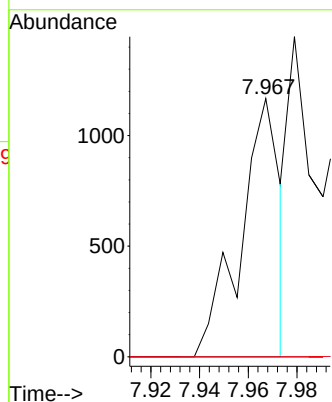
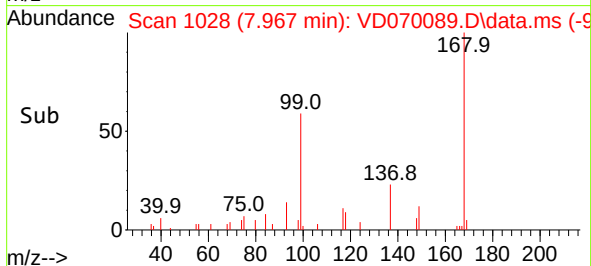


#38
Carbon Tetrachloride
Concen: 2.436 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.124 min
Lab File: VD070089.D
Acq: 17 Aug 2021 15:40

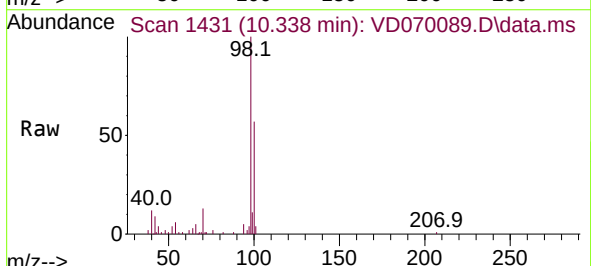
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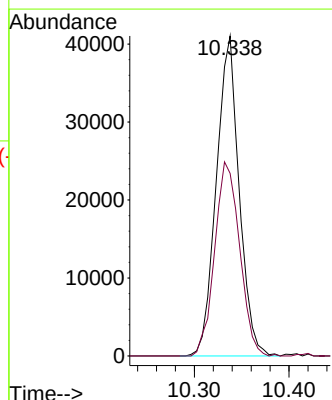
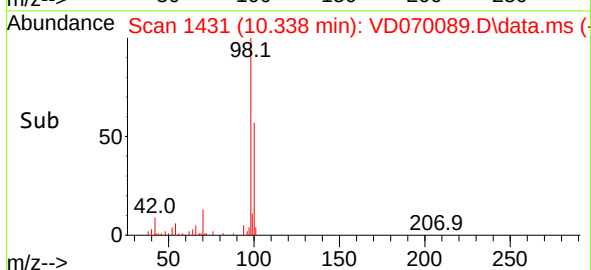
Tgt Ion:117 Resp: 1319
Ion Ratio Lower Upper
117 100
119 0.0 81.0 121.6#
121 0.0 25.0 37.6#

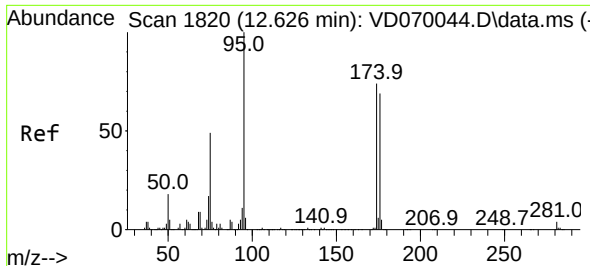


#50
Toluene-d8
Concen: 49.387 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070089.D
Acq: 17 Aug 2021 15:40



Tgt Ion: 98 Resp: 68800
Ion Ratio Lower Upper
98 100
100 66.3 52.6 78.8

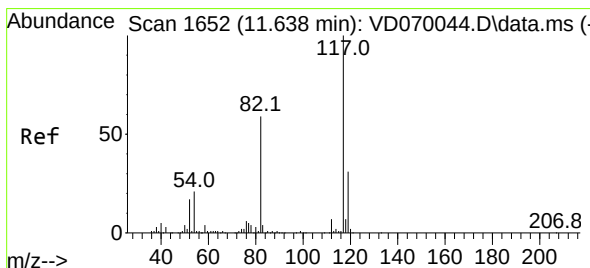
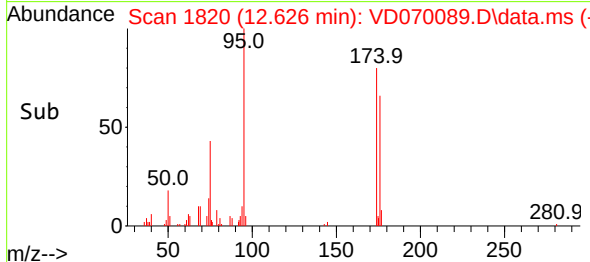
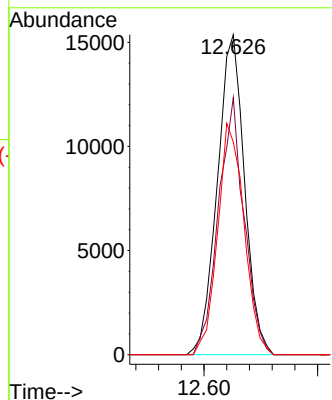
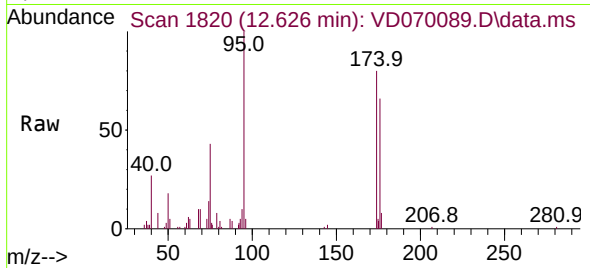




#62
4-Bromofluorobenzene
Concen: 55.608 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070089.D
Acq: 17 Aug 2021 15:40

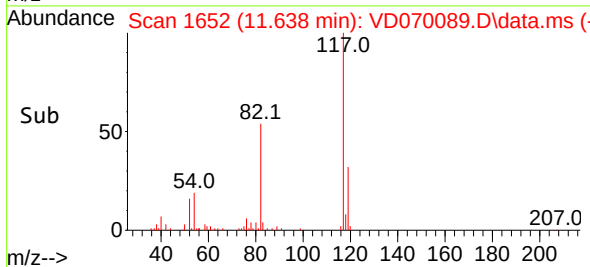
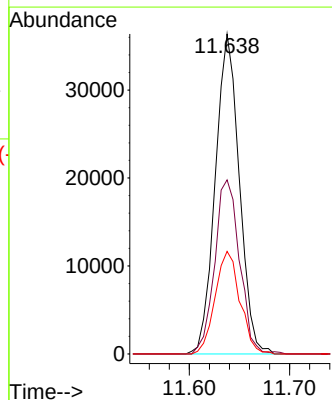
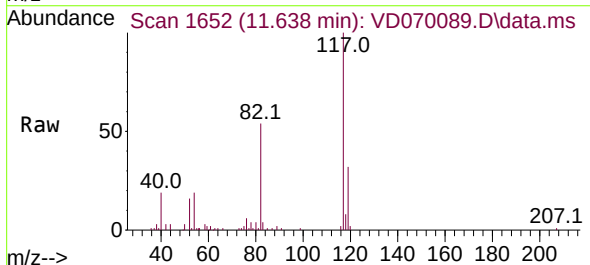
Instrument :
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TT-087-RW7-IDWSO-20210816-2

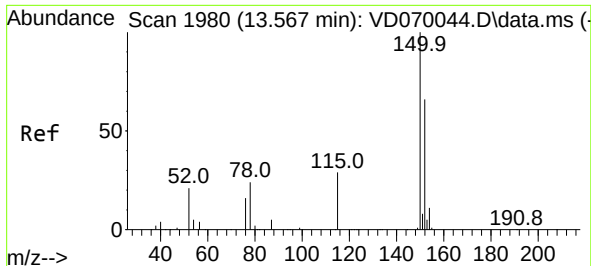
Tgt Ion:	95	Resp:	25515
Ion Ratio	Lower	Upper	
95	100		
174	76.1	0.0	141.6
176	70.3	0.0	138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070089.D
Acq: 17 Aug 2021 15:40

Tgt Ion:	117	Resp:	60505
Ion Ratio	Lower	Upper	
117	100		
82	54.4	47.5	71.3
119	32.1	25.1	37.7

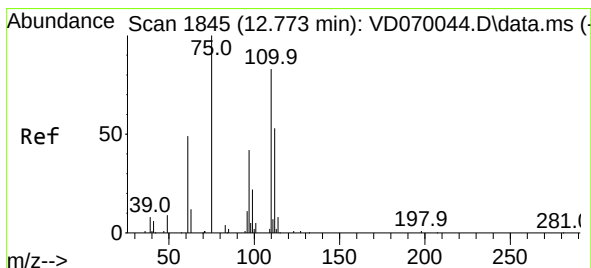
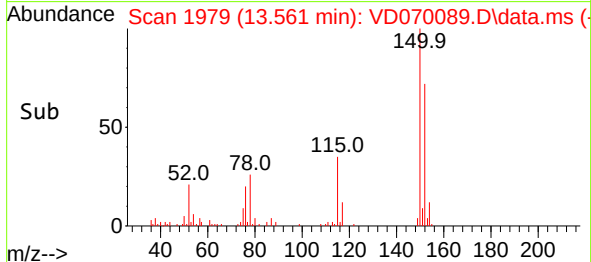
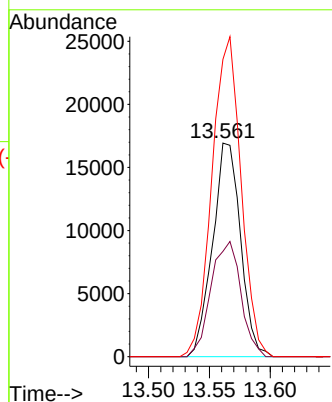
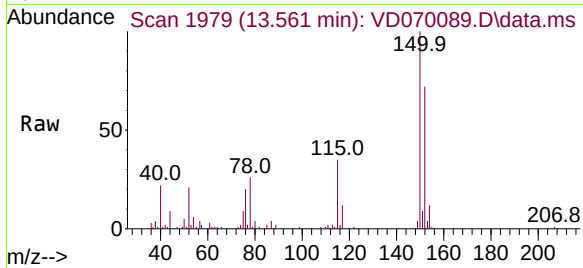




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. -0.006 min
 Lab File: VD070089.D
 Acq: 17 Aug 2021 15:40

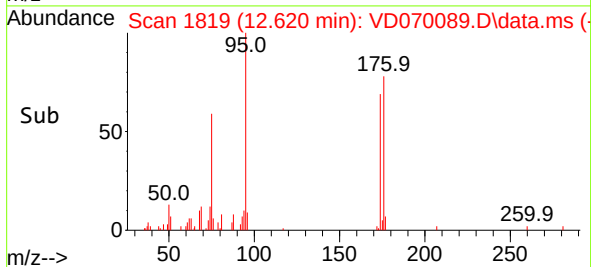
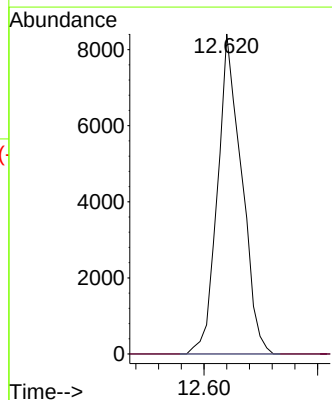
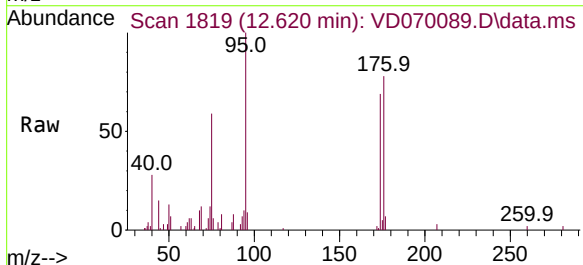
Instrument :
 MSVOA_D
 ClientSampleId :
 TT-087-RW7-IDWSO-20210816-2

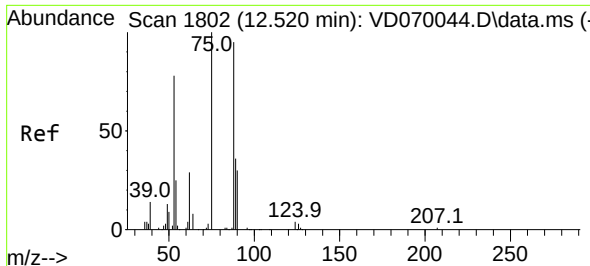
Tgt Ion:152 Resp: 27069
 Ion Ratio Lower Upper
 152 100
 115 57.6 31.2 93.6
 150 155.4 0.0 352.0



#76
 1,2,3-Trichloropropane
 Concen: 45.083 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.153 min
 Lab File: VD070089.D
 Acq: 17 Aug 2021 15:40

Tgt Ion: 75 Resp: 12376
 Ion Ratio Lower Upper
 75 100
 77 0.0 182.4 547.2#

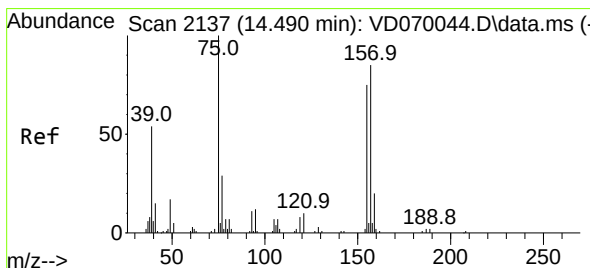
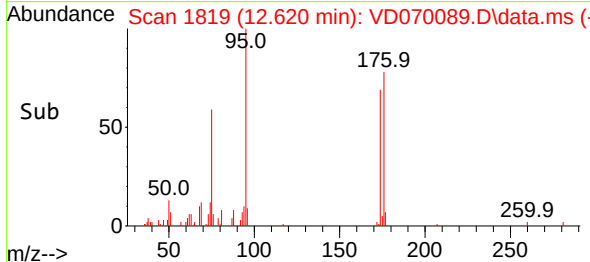
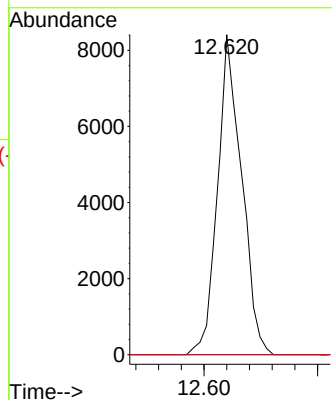
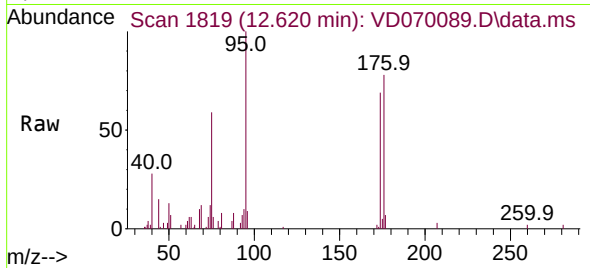




#81
trans-1,4-Dichloro-2-butene
Concen: 117.018 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD070089.D
Acq: 17 Aug 2021 15:40

Instrument :
MSVOA_D
ClientSampleId :
TT-087-RW7-IDWSO-20210816-2

Tgt Ion: 75 Resp: 12376
Ion Ratio Lower Upper
75 100
53 0.0 64.5 96.7#
89 0.0 33.7 50.5#



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.037 ug/l
RT: 14.549 min Scan# 2147
Delta R.T. 0.059 min
Lab File: VD070089.D
Acq: 17 Aug 2021 15:40

Tgt Ion: 75 Resp: 61
Ion Ratio Lower Upper
75 100
155 0.0 35.3 105.9#
157 0.0 46.8 140.3#

