

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101221\
 Data File : VD070687.D
 Acq On : 12 Oct 2021 18:55
 Operator : VA/SY
 Sample : M4178-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CL-02-101221

Quant Time: Oct 13 06:39:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 06 09:10:31 2021
 Response via : Initial Calibration

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

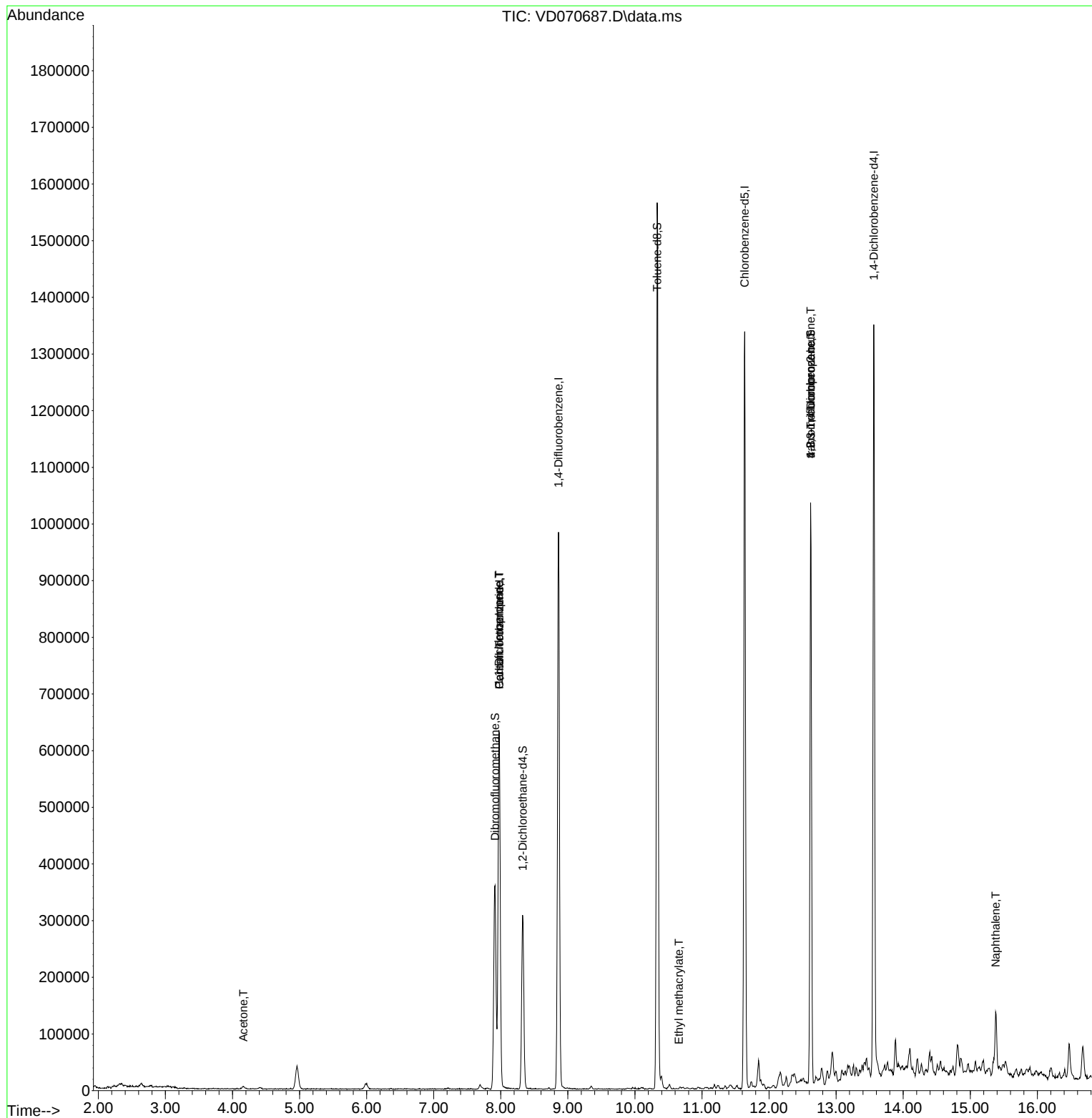
Internal Standards						
1) Pentafluorobenzene	7.979	168	457894	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	882865	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	817511	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	368004	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	244407	45.355	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	90.700%		
35) Dibromofluoromethane	7.914	113	270961	46.162	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	92.320%		
50) Toluene-d8	10.332	98	1098677	48.962	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	97.920%		
62) 4-Bromofluorobenzene	12.620	95	372459	49.663	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	99.320%		
Target Compounds						
5) Bromomethane	2.791	94	1419	Below Cal	#	52
16) Acetone	4.162	43	8123	8.877	ug/l	96
20) Methylene Chloride	4.956	84	34938	Below Cal		89
36) 1,1-Dichloropropene	7.973	75	36924	3.938	ug/l	# 52
38) Carbon Tetrachloride	7.979	117	51770	5.276	ug/l	# 16
56) Ethyl methacrylate	10.655	69	153	1.399	ug/l	# 1
59) 2-Hexanone	10.973	43	875	Below Cal	#	58
76) 1,2,3-Trichloropropane	12.620	75	175021	52.546	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.620	75	175021	116.661	ug/l	# 17
95) Naphthalene	15.379	128	102546	10.839	ug/l	98

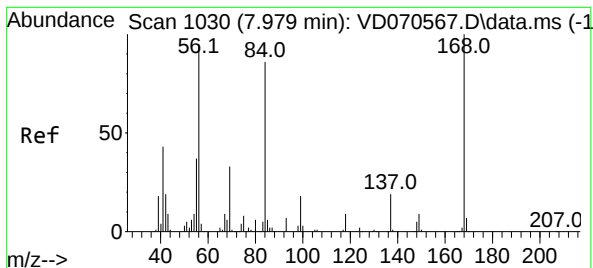
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VD070687.D

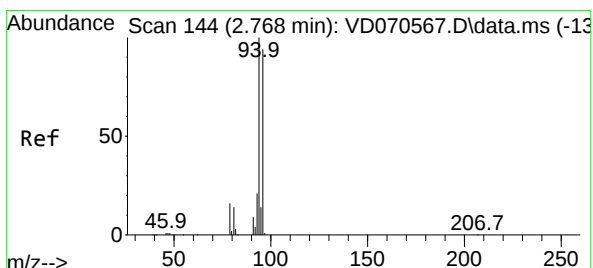
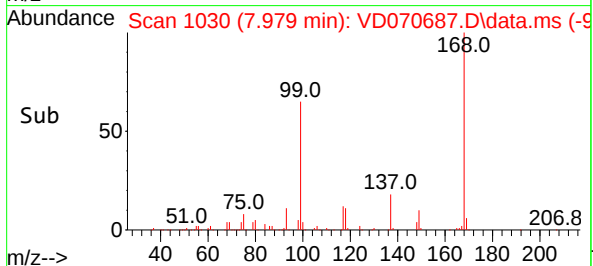
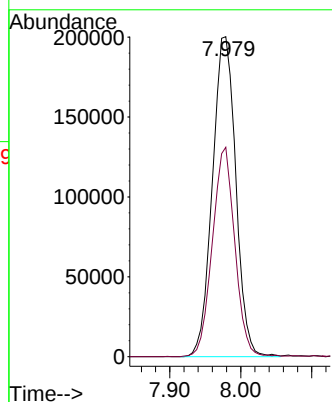
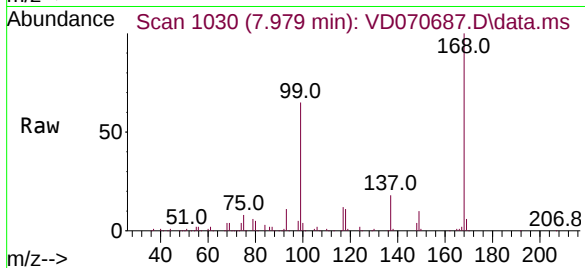
Acq: 12 Oct 2021 18:55

Tgt Ion:168 Resp: 457894

Ion Ratio Lower Upper

168 100

99 65.4 51.4 77.0



#5

Bromomethane

Concen: Below Cal

RT: 2.791 min Scan# 148

Delta R.T. 0.023 min

Lab File: VD070687.D

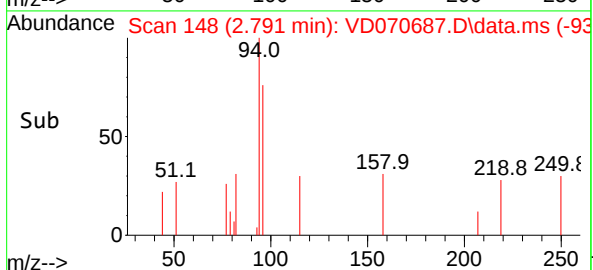
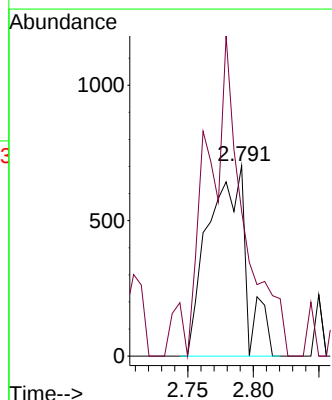
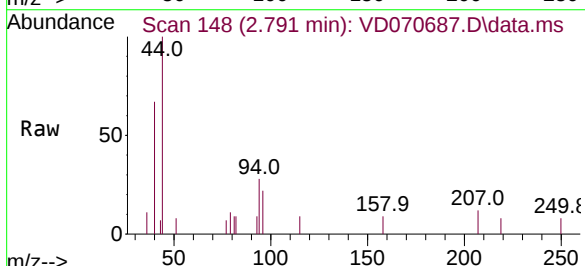
Acq: 12 Oct 2021 18:55

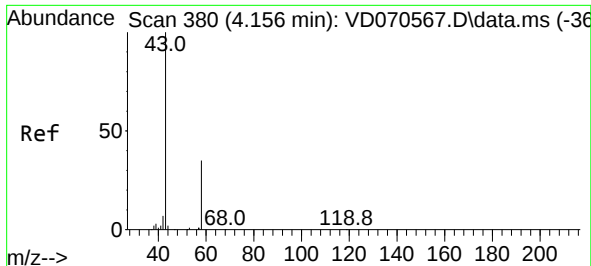
Tgt Ion: 94 Resp: 1419

Ion Ratio Lower Upper

94 100

96 48.1 75.5 113.3#

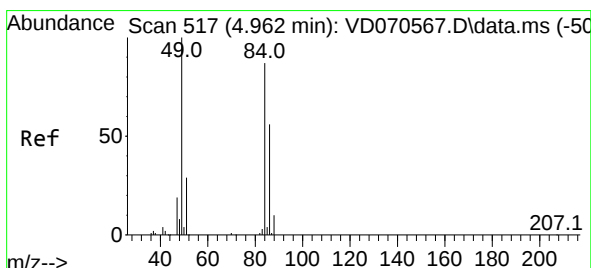
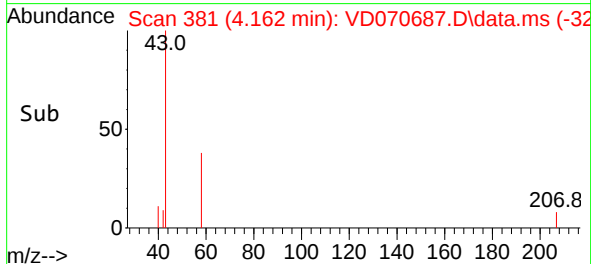
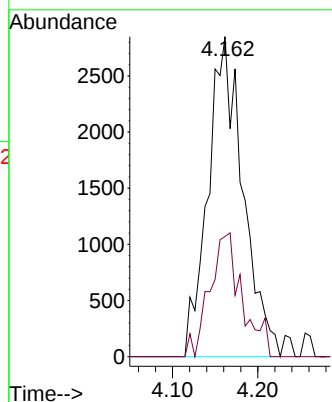
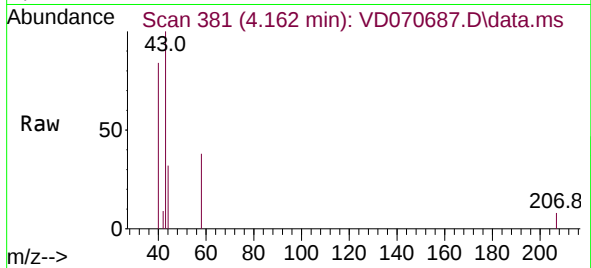




#16
Acetone
Concen: 8.877 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD070687.D
Acq: 12 Oct 2021 18:55

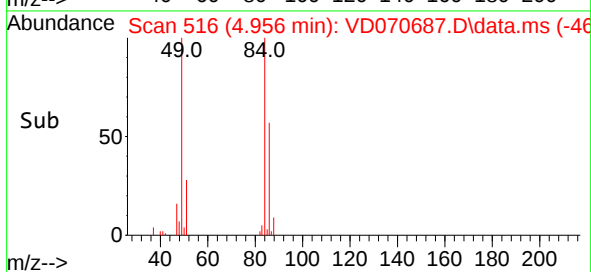
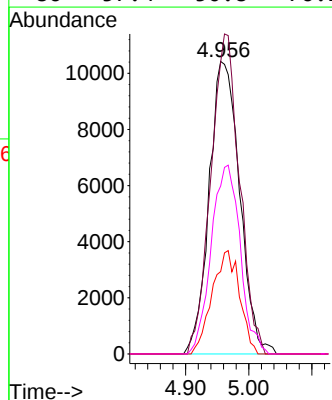
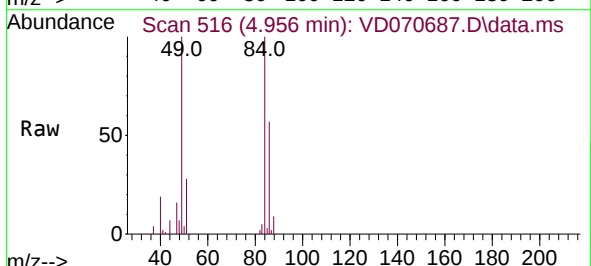
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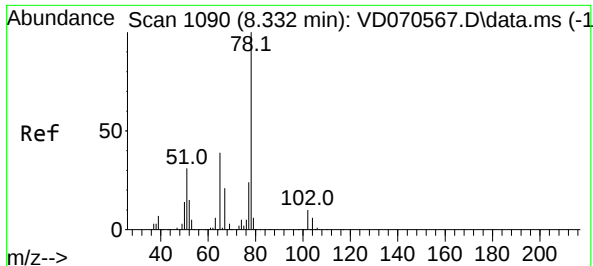
Tgt Ion: 43 Resp: 8123
Ion Ratio Lower Upper
43 100
58 37.5 28.2 42.2



#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD070687.D
Acq: 12 Oct 2021 18:55

Tgt Ion: 84 Resp: 34938
Ion Ratio Lower Upper
84 100
49 99.9 91.4 137.2
51 28.2 26.7 40.1
86 57.4 50.8 76.2





#33

1,2-Dichloroethane-d4

Concen: 45.355 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.006 min

Lab File: VD070687.D

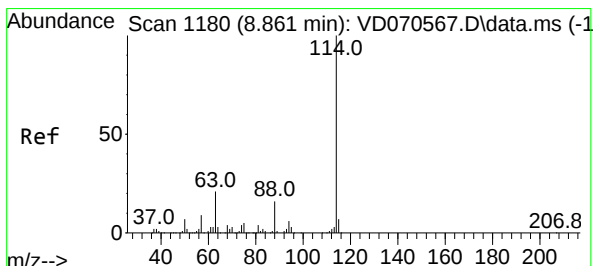
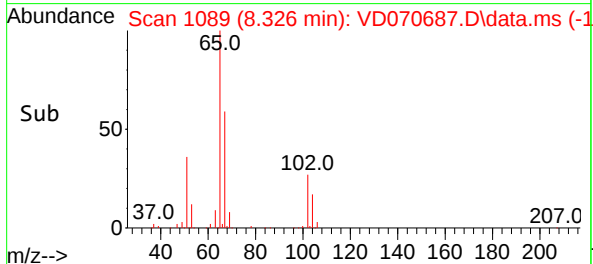
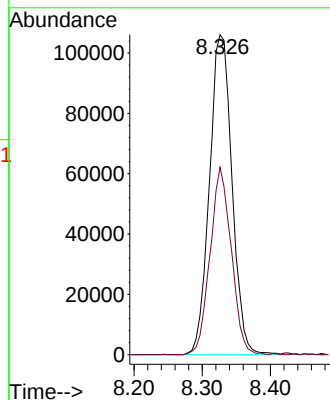
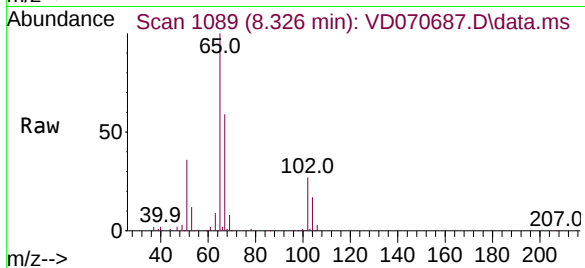
Acq: 12 Oct 2021 18:55

Tgt Ion: 65 Resp: 244407

Ion Ratio Lower Upper

65 100

67 55.0 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VD070687.D

Acq: 12 Oct 2021 18:55

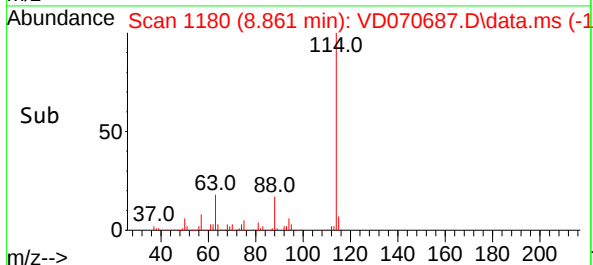
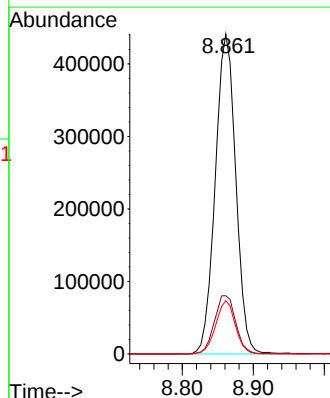
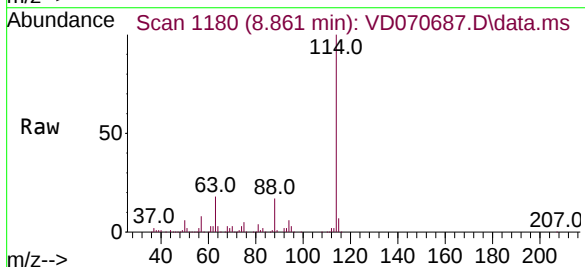
Tgt Ion: 114 Resp: 882865

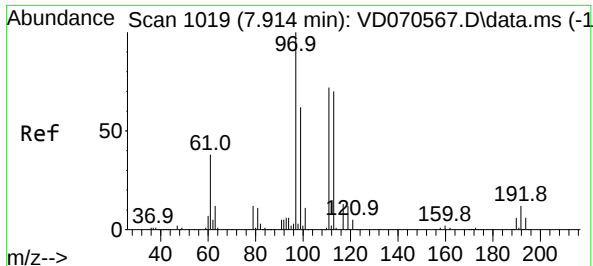
Ion Ratio Lower Upper

114 100

63 18.2 0.0 41.8

88 16.7 0.0 32.6

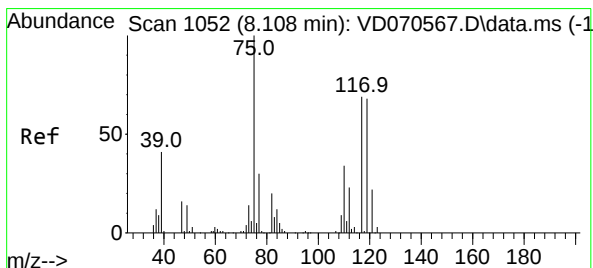
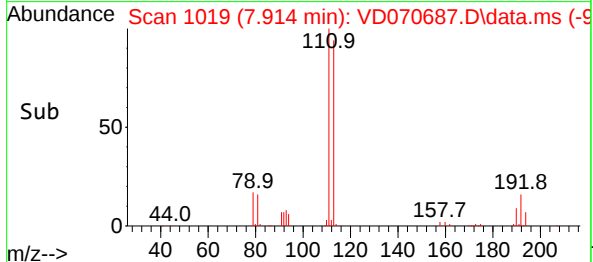
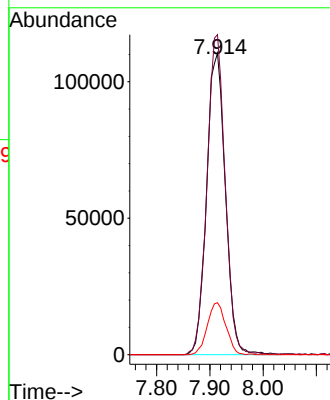
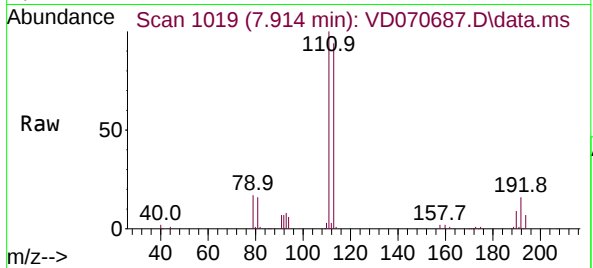




#35
Dibromofluoromethane
Concen: 46.162 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070687.D
Acq: 12 Oct 2021 18:55

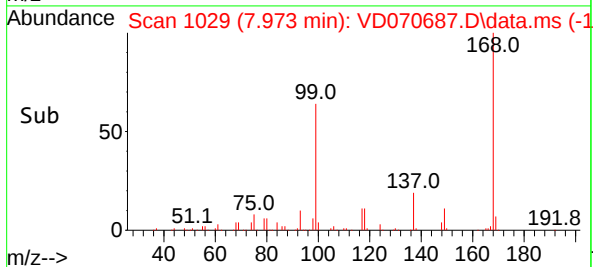
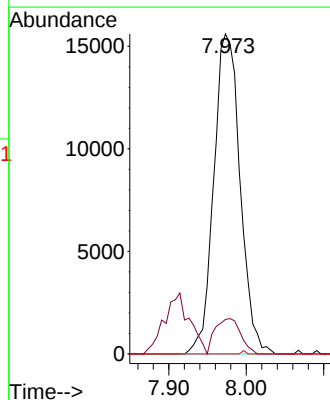
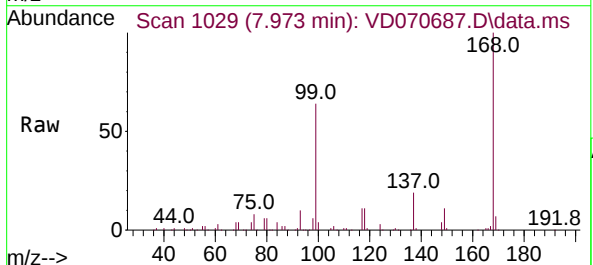
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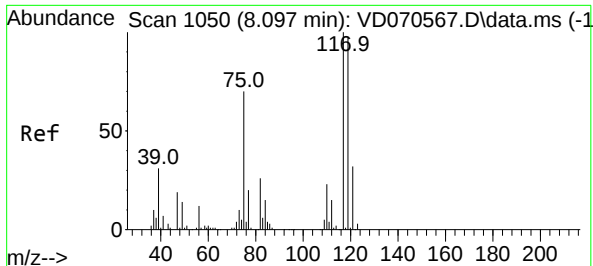
Tgt Ion:113 Resp: 270961
Ion Ratio Lower Upper
113 100
111 102.9 83.1 124.7
192 17.0 12.7 19.1



#36
1,1-Dichloropropene
Concen: 3.938 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.135 min
Lab File: VD070687.D
Acq: 12 Oct 2021 18:55

Tgt Ion: 75 Resp: 36924
Ion Ratio Lower Upper
75 100
110 10.7 17.2 51.6#
77 0.0 24.2 36.4#

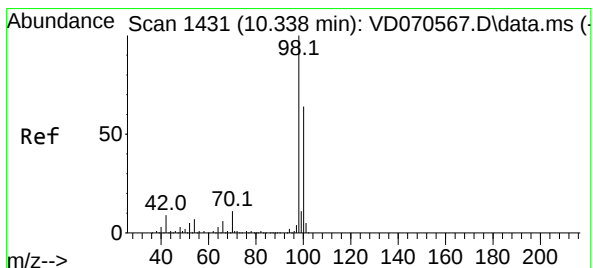
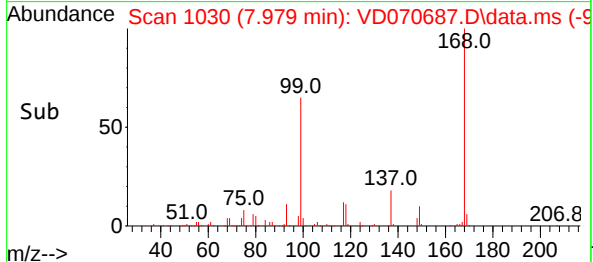
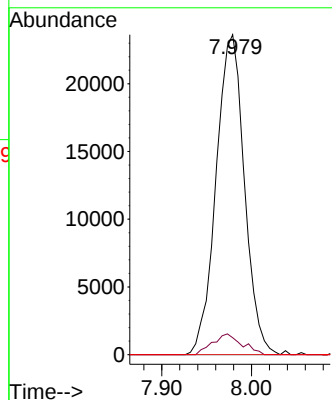
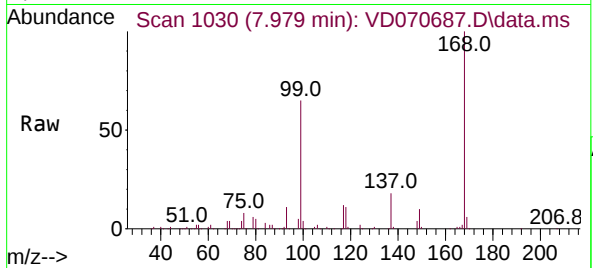




#38
Carbon Tetrachloride
Concen: 5.276 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD070687.D
Acq: 12 Oct 2021 18:55

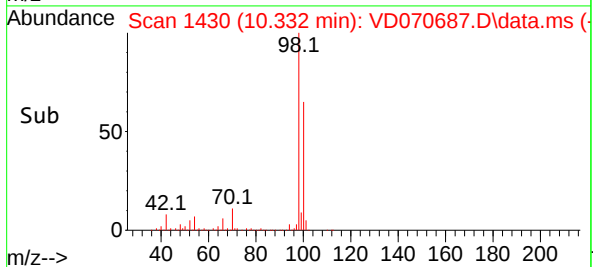
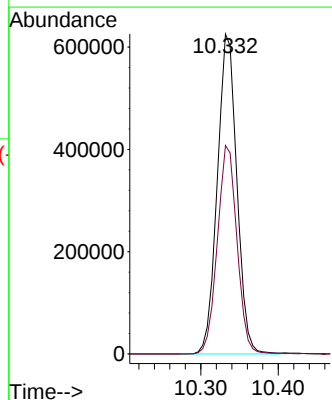
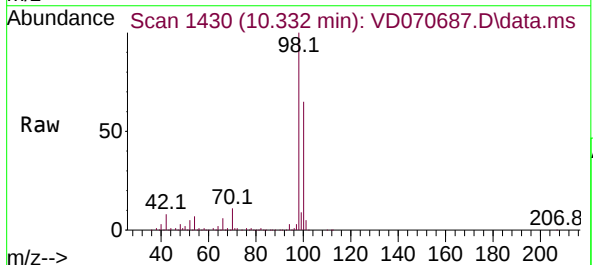
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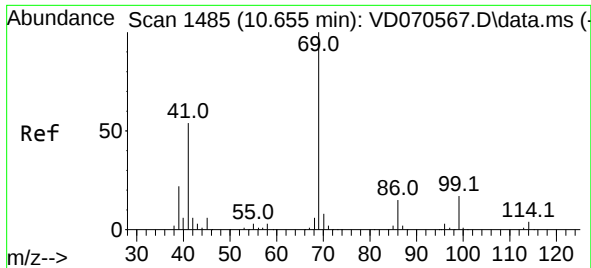
Tgt Ion:117 Resp: 51770
Ion Ratio Lower Upper
117 100
119 5.3 77.4 116.0#
121 0.0 25.4 38.0#



#50
Toluene-d8
Concen: 48.962 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070687.D
Acq: 12 Oct 2021 18:55

Tgt Ion: 98 Resp: 1098677
Ion Ratio Lower Upper
98 100
100 65.4 52.2 78.4

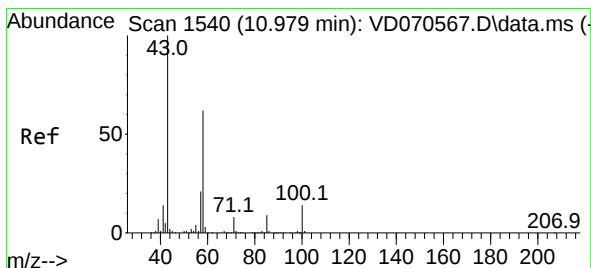
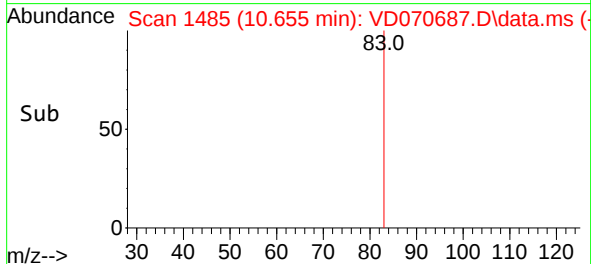
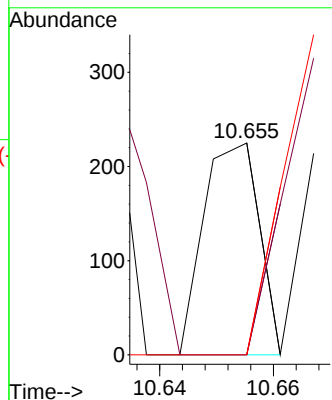
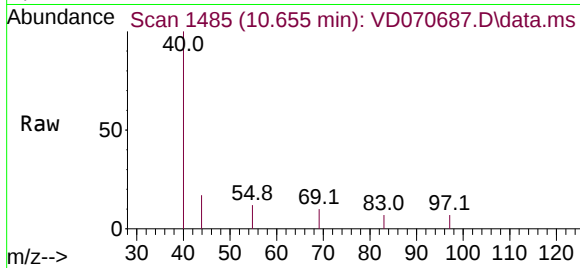




#56
Ethyl methacrylate
Concen: 1.399 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD070687.D
Acq: 12 Oct 2021 18:55

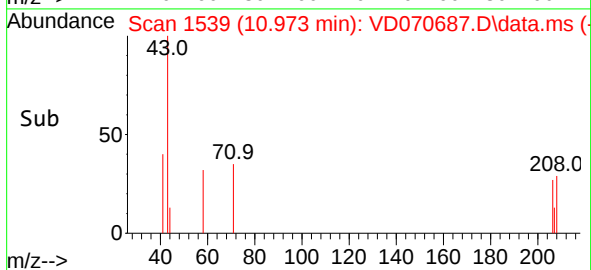
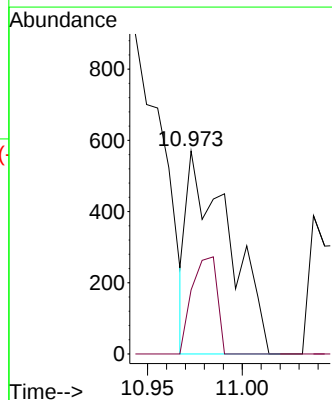
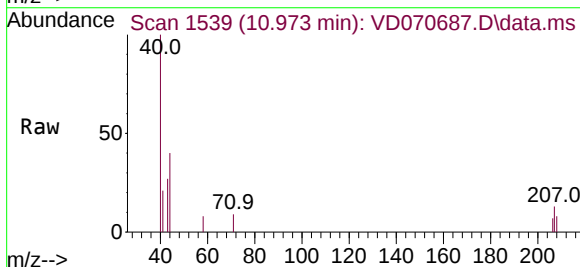
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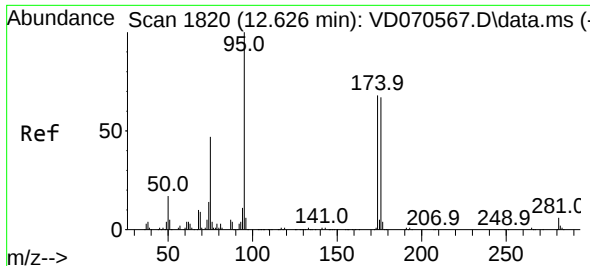
Tgt Ion: 69 Resp: 153
Ion Ratio Lower Upper
69 100
41 288.2 44.7 67.1#
39 119.6 19.5 29.3#



#59
2-Hexanone
Concen: Below Cal
RT: 10.973 min Scan# 1539
Delta R.T. -0.006 min
Lab File: VD070687.D
Acq: 12 Oct 2021 18:55

Tgt Ion: 43 Resp: 875
Ion Ratio Lower Upper
43 100
58 28.9 30.4 91.3#

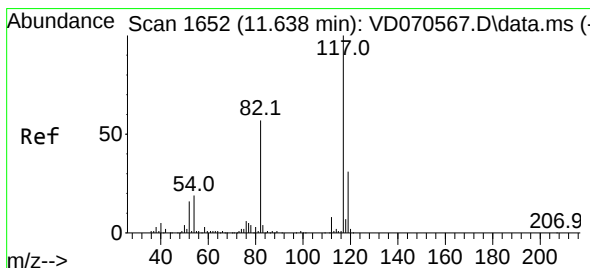
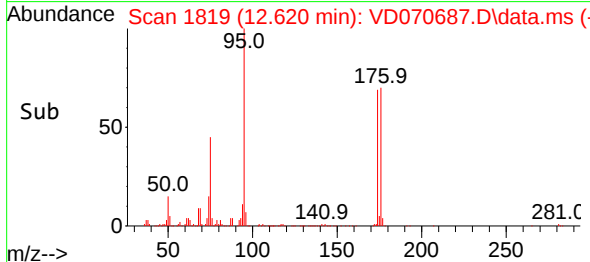
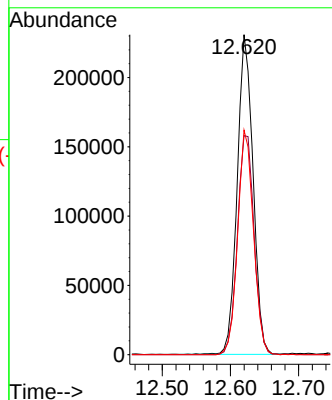
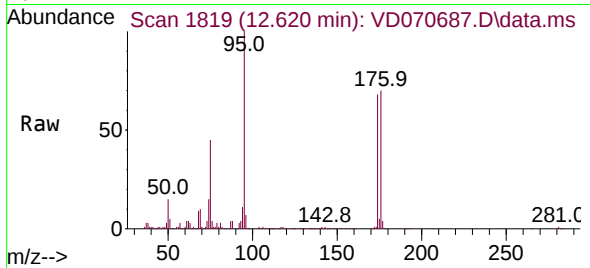




#62
4-Bromofluorobenzene
Concen: 49.663 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070687.D
Acq: 12 Oct 2021 18:55

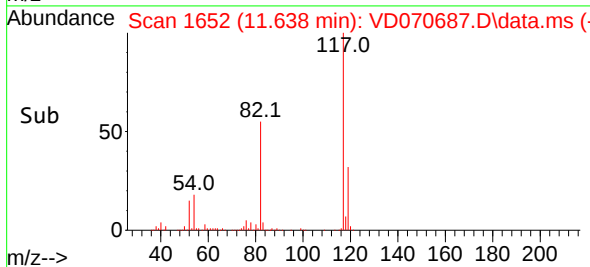
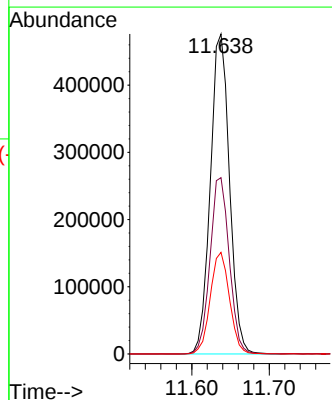
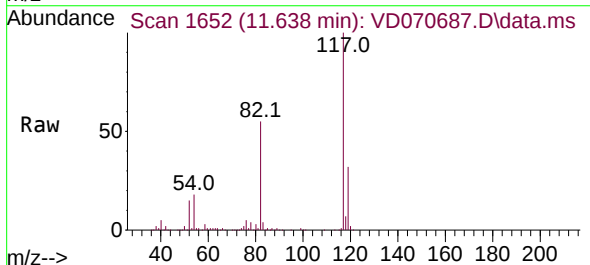
Instrument :
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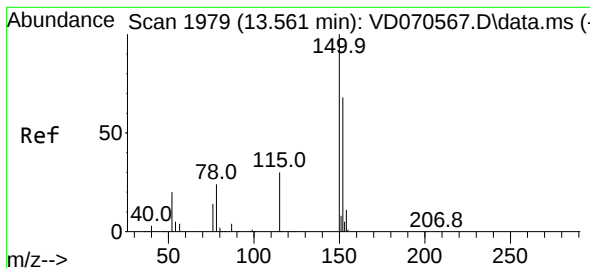
Tgt Ion: 95 Resp: 372459
Ion Ratio Lower Upper
95 100
174 72.3 0.0 138.0
176 70.2 0.0 135.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070687.D
Acq: 12 Oct 2021 18:55

Tgt Ion: 117 Resp: 817511
Ion Ratio Lower Upper
117 100
82 55.1 45.4 68.2
119 31.8 24.7 37.1

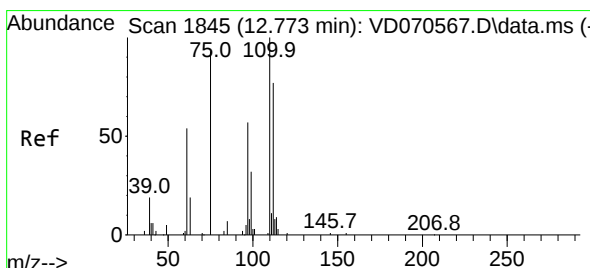
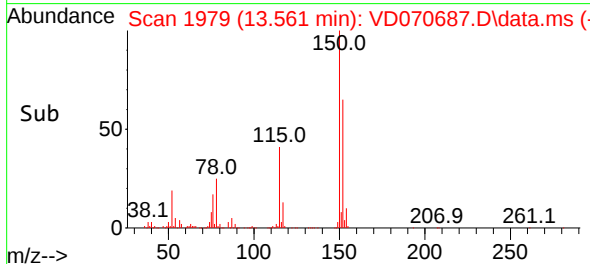
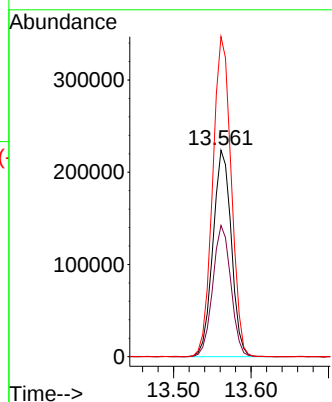
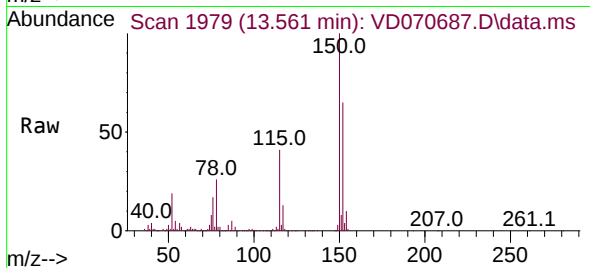




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VD070687.D
 Acq: 12 Oct 2021 18:55

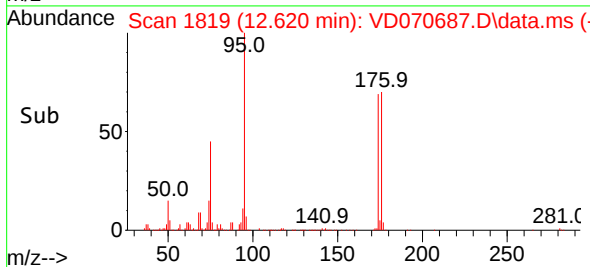
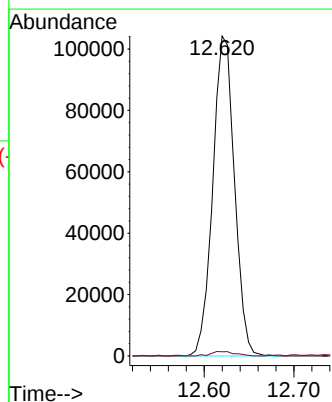
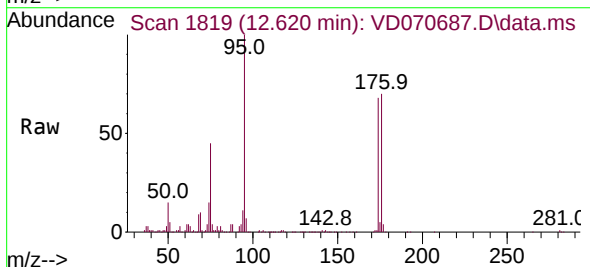
Instrument :
 MSVOA_D
 ClientSampleID :
 CL-02-101221

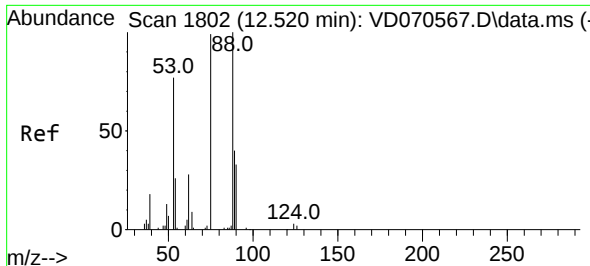
Tgt Ion:152 Resp: 368004
 Ion Ratio Lower Upper
 152 100
 115 62.9 31.9 95.7
 150 156.5 0.0 350.0



#76
 1,2,3-Trichloropropane
 Concen: 52.546 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.153 min
 Lab File: VD070687.D
 Acq: 12 Oct 2021 18:55

Tgt Ion: 75 Resp: 175021
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#

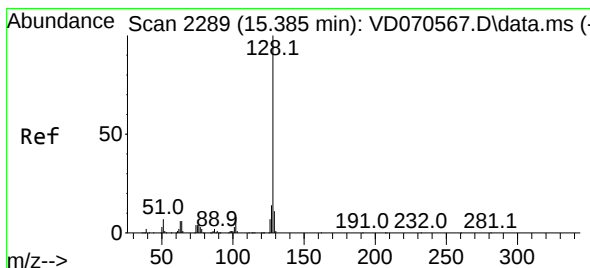
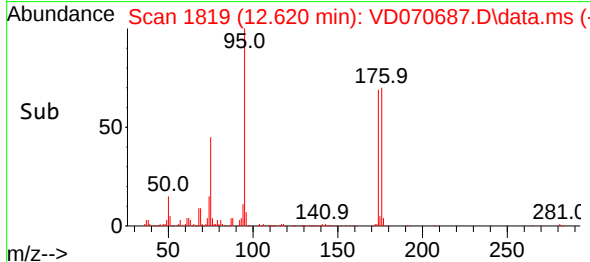
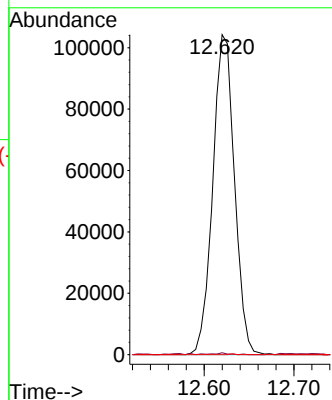
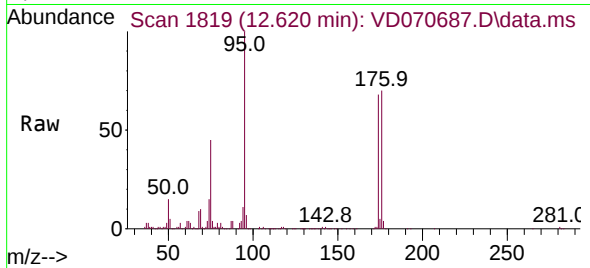




#81
trans-1,4-Dichloro-2-butene
Concen: 116.661 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD070687.D
Acq: 12 Oct 2021 18:55

Instrument :
MSVOA_D
ClientSampleId :
CL-02-101221

Tgt Ion: 75 Resp: 175021
Ion Ratio Lower Upper
75 100
53 0.4 64.5 96.7#
89 0.0 35.3 52.9#



#95
Naphthalene
Concen: 10.839 ug/l
RT: 15.379 min Scan# 2288
Delta R.T. -0.006 min
Lab File: VD070687.D
Acq: 12 Oct 2021 18:55

Tgt Ion:128 Resp: 102546
Ion Ratio Lower Upper
128 100
127 14.3 10.9 16.3
129 11.5 8.6 12.8

