

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102621\
 Data File : VD070847.D
 Acq On : 26 Oct 2021 18:28
 Operator : VA/SY
 Sample : M4348-05
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 27 06:23:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102621S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 27 05:34:47 2021
 Response via : Initial Calibration

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

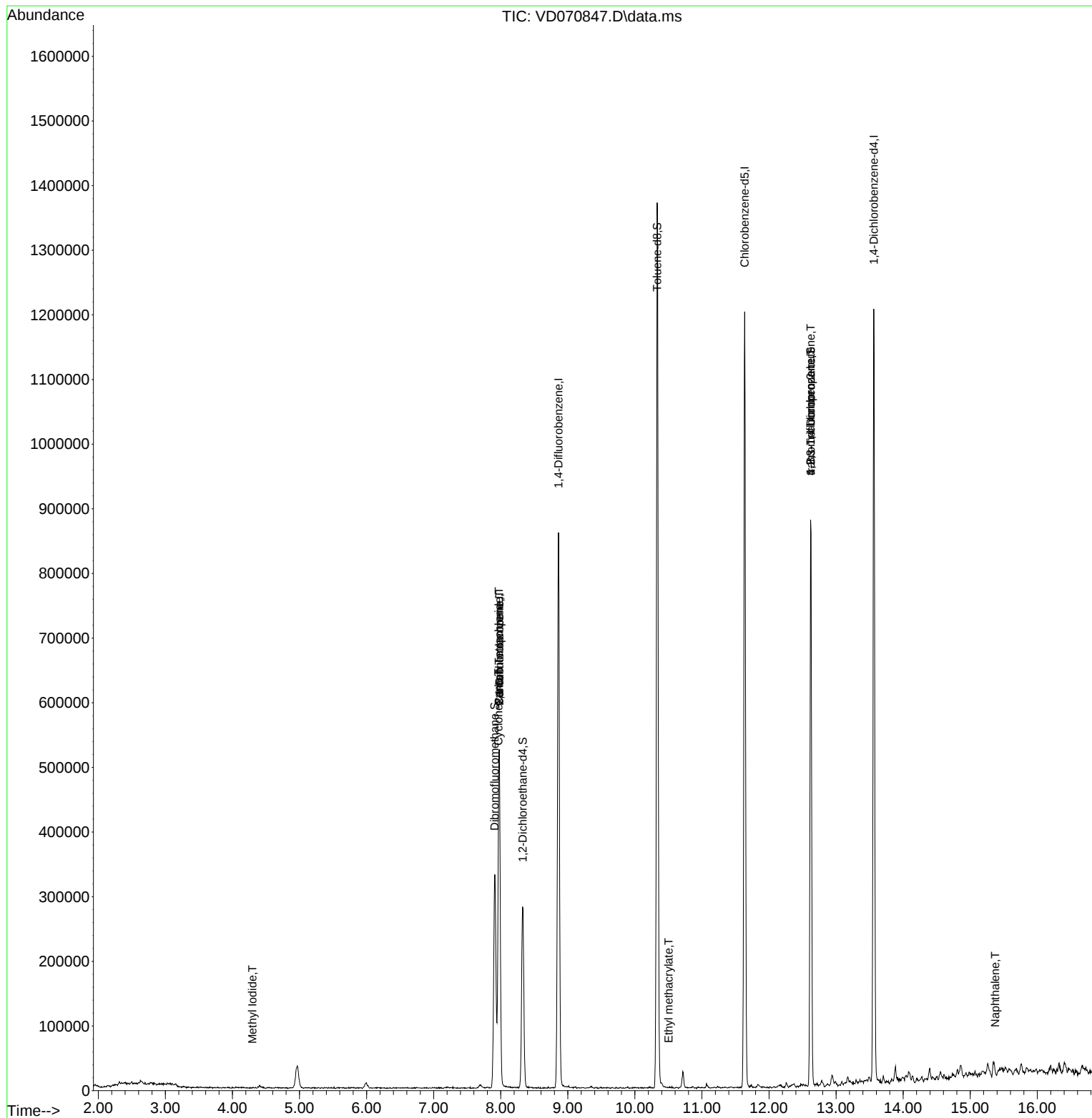
Internal Standards						
1) Pentafluorobenzene	7.979	168	401831	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	738824	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	712754	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	323312	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	224902	55.649	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 111.300%			
35) Dibromofluoromethane	7.909	113	249129	51.141	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.280%			
50) Toluene-d8	10.332	98	951458	51.915	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.840%			
62) 4-Bromofluorobenzene	12.620	95	297094	49.131	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 98.260%			
Target Compounds						
5) Bromomethane	2.785	94	2055	Below Cal		88
10) Methyl Iodide	4.297	142	532	3.711 ug/l #		79
20) Methylene Chloride	4.968	84	28435	Below Cal		96
31) Cyclohexane	7.967	56	8506	1.033 ug/l #		1
36) 1,1-Dichloropropene	7.979	75	32209	4.167 ug/l #		51
38) Carbon Tetrachloride	7.973	117	42158	5.423 ug/l #		17
56) Ethyl methacrylate	10.503	69	62	2.853 ug/l #		1
76) 1,2,3-Trichloropropane	12.620	75	142279	44.703 ug/l #		1
81) trans-1,4-Dichloro-2-b...	12.620	75	142279	117.331 ug/l #		18
95) Naphthalene	15.373	128	1526	4.262 ug/l #		90

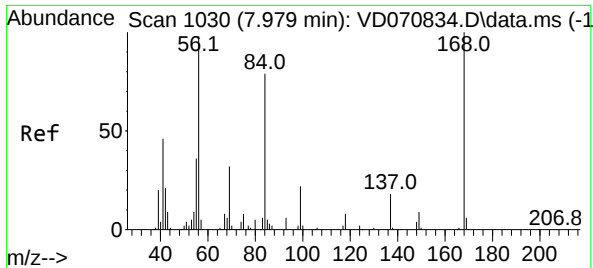
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 27 06:23:23 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102621S.M
Quant Title : SW846 8260
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Response via : Initial Calibration

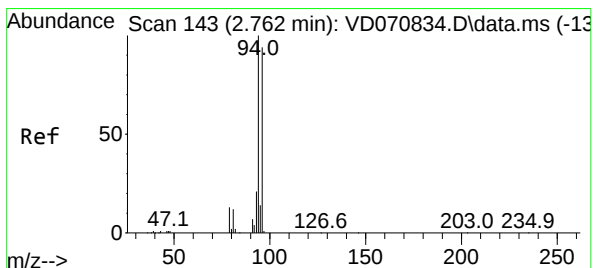
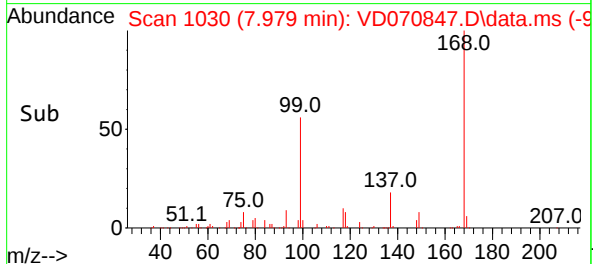
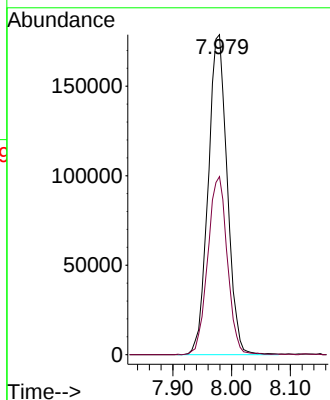
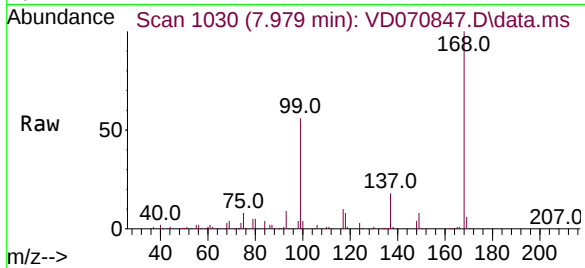




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD070847.D
Acq: 26 Oct 2021 18:28

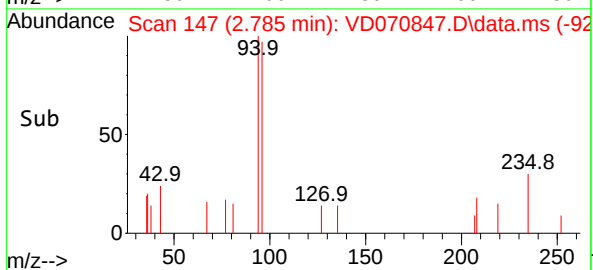
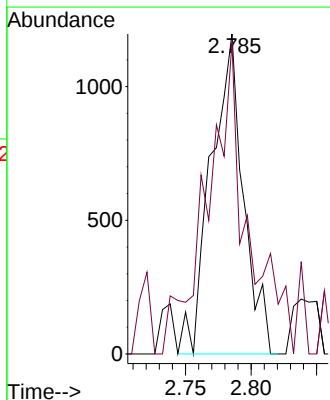
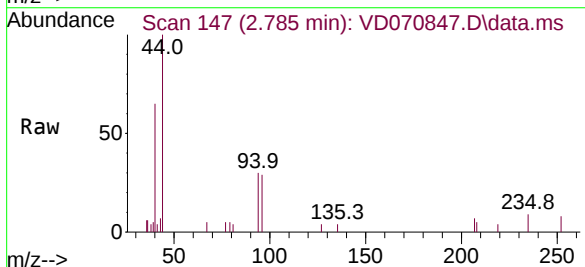
Instrument :
MSVOA_D
ClientSampleId :

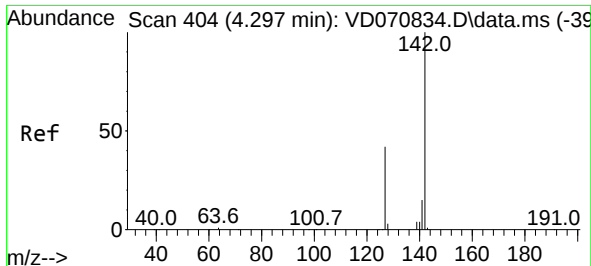
Tgt Ion:168 Resp: 401831
Ion Ratio Lower Upper
168 100
99 55.5 46.6 69.8



#5
Bromomethane
Concen: Below Cal
RT: 2.785 min Scan# 147
Delta R.T. 0.023 min
Lab File: VD070847.D
Acq: 26 Oct 2021 18:28

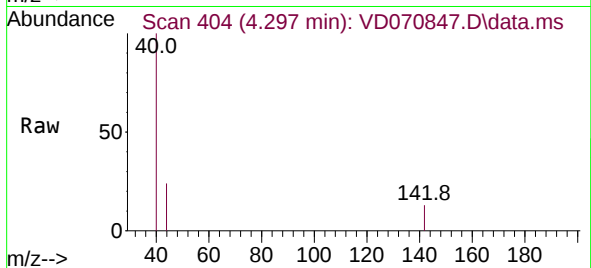
Tgt Ion: 94 Resp: 2055
Ion Ratio Lower Upper
94 100
96 81.9 74.8 112.2



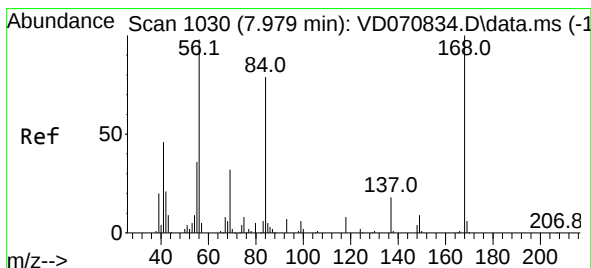
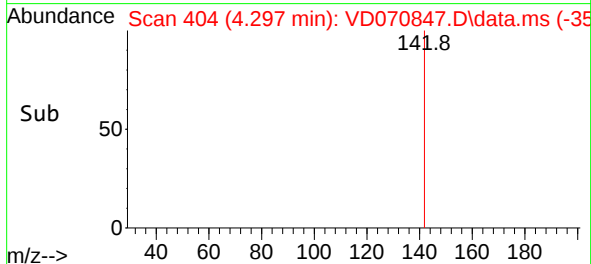
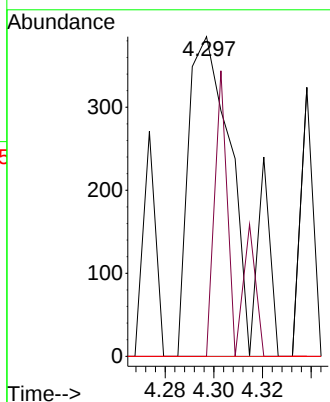


#10
Methyl Iodide
Concen: 3.711 ug/l
RT: 4.297 min Scan# 404
Delta R.T. 0.000 min
Lab File: VD070847.D
Acq: 26 Oct 2021 18:28

Instrument :
MSVOA_D
ClientSampleId :

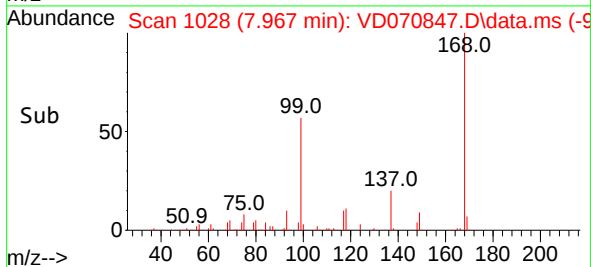
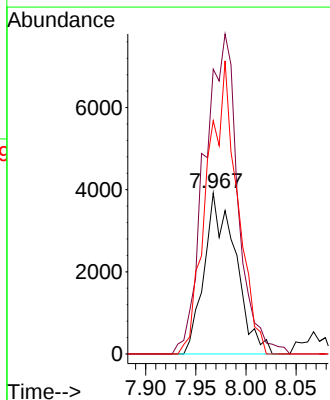
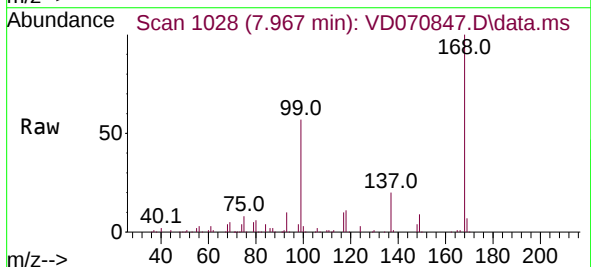


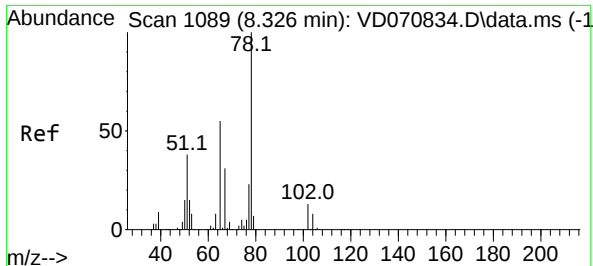
Tgt Ion:142 Resp: 532
Ion Ratio Lower Upper
142 100
127 33.5 35.0 52.4#
141 0.0 12.0 18.0#



#31
Cyclohexane
Concen: 1.033 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.011 min
Lab File: VD070847.D
Acq: 26 Oct 2021 18:28

Tgt Ion: 56 Resp: 8506
Ion Ratio Lower Upper
56 100
69 172.4 25.9 38.9#
84 145.0 64.3 96.5#





#33

1,2-Dichloroethane-d4

Concen: 55.649 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD070847.D

Acq: 26 Oct 2021 18:28

Instrument :

MSVOA_D

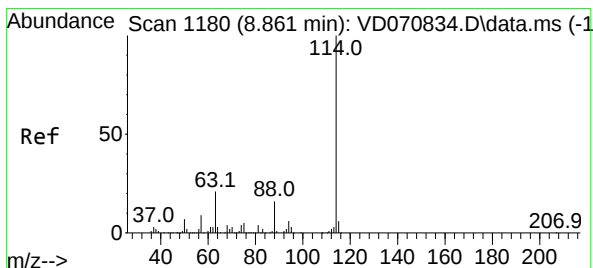
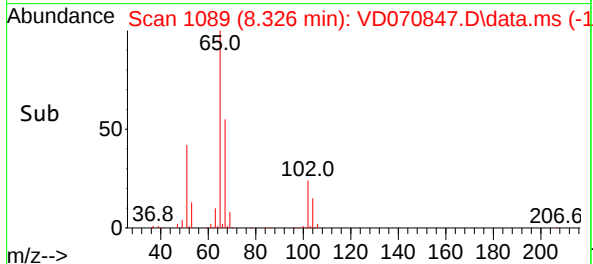
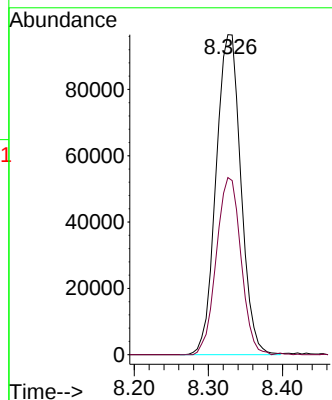
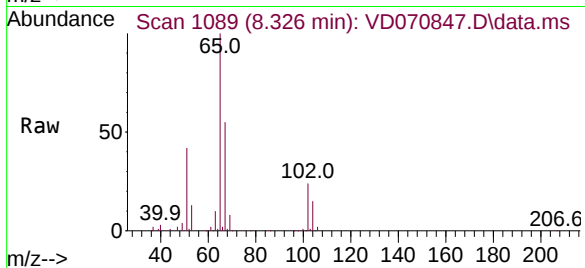
ClientSampleId :

Tgt Ion: 65 Resp: 224902

Ion Ratio Lower Upper

65 100

67 54.8 0.0 112.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD070847.D

Acq: 26 Oct 2021 18:28

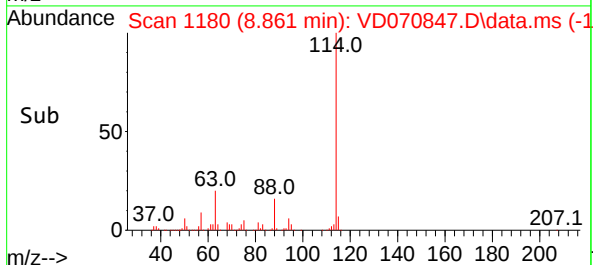
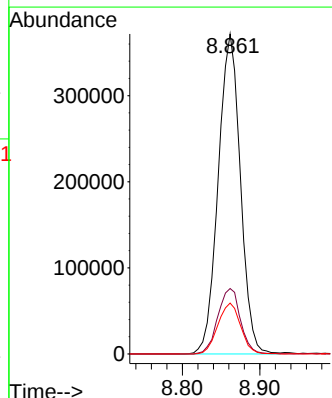
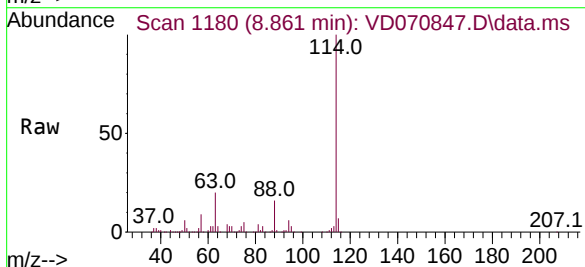
Tgt Ion: 114 Resp: 738824

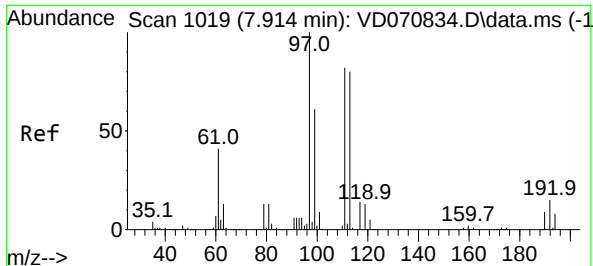
Ion Ratio Lower Upper

114 100

63 20.5 0.0 41.8

88 15.9 0.0 32.8





#35

Dibromofluoromethane

Concen: 51.141 ug/l

RT: 7.909 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD070847.D

Acq: 26 Oct 2021 18:28

Instrument :

MSVOA_D

ClientSampleId :

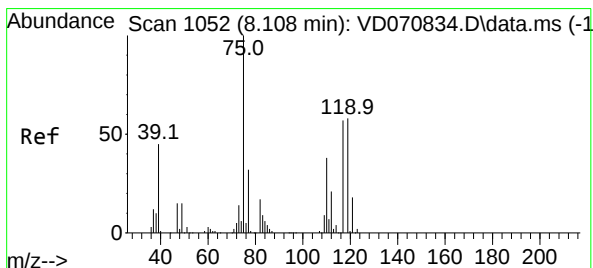
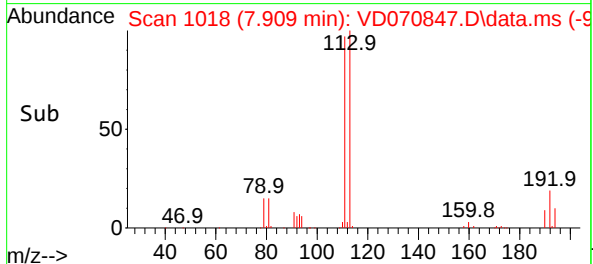
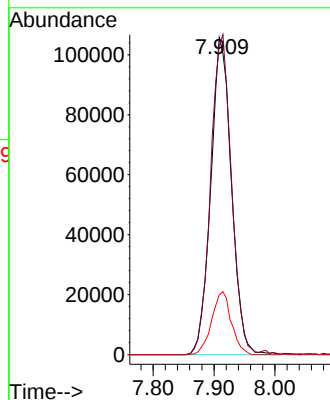
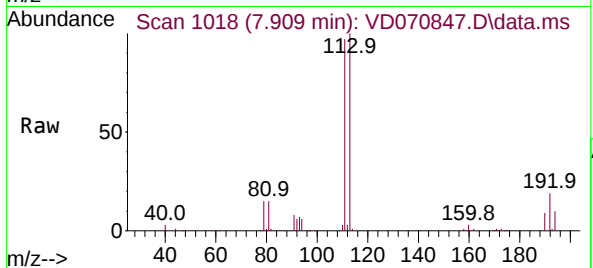
Tgt Ion:113 Resp: 249129

Ion Ratio Lower Upper

113 100

111 101.7 82.0 123.0

192 18.9 15.2 22.8



#36

1,1-Dichloropropene

Concen: 4.167 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.129 min

Lab File: VD070847.D

Acq: 26 Oct 2021 18:28

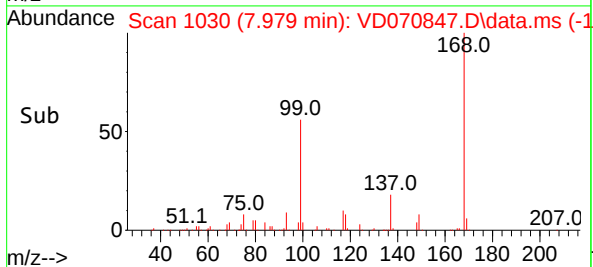
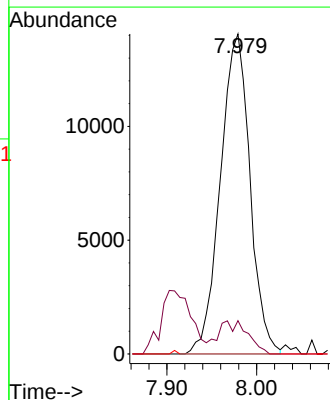
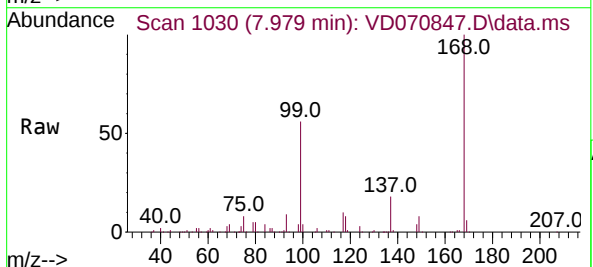
Tgt Ion: 75 Resp: 32209

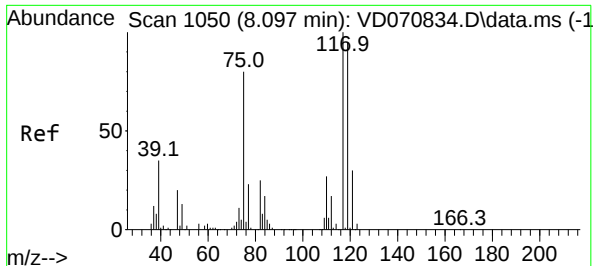
Ion Ratio Lower Upper

75 100

110 10.4 17.8 53.4#

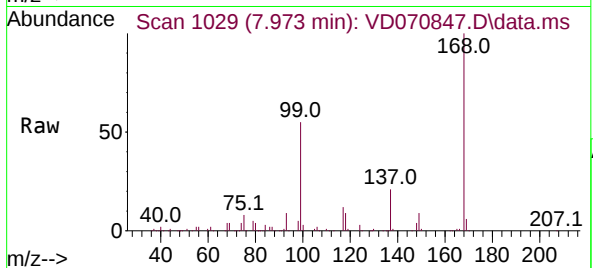
77 0.0 24.8 37.2#



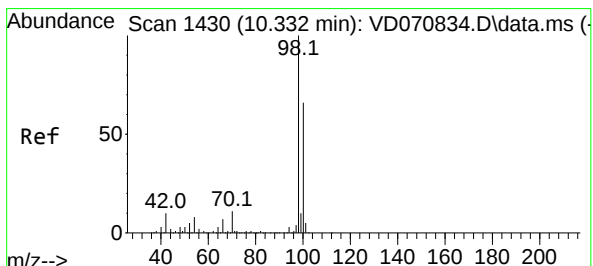
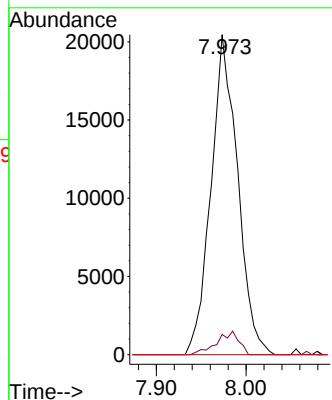
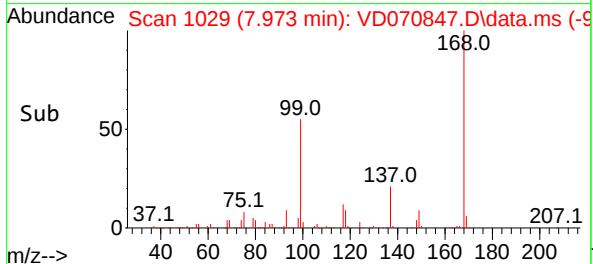


#38
Carbon Tetrachloride
Concen: 5.423 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.123 min
Lab File: VD070847.D
Acq: 26 Oct 2021 18:28

Instrument :
MSVOA_D
ClientSampleId :

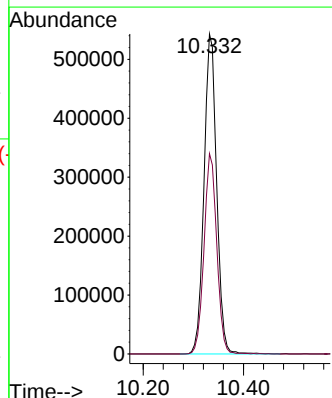
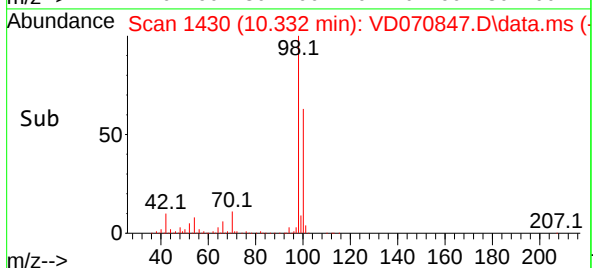
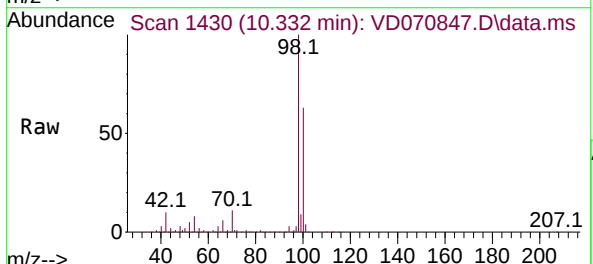


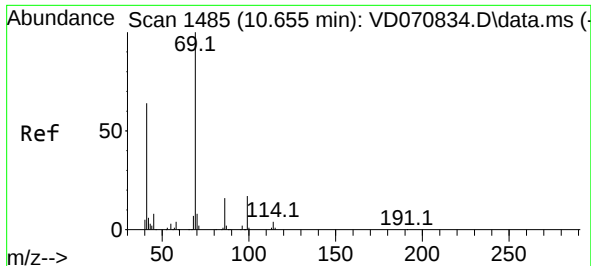
Tgt Ion:117 Resp: 42158
Ion Ratio Lower Upper
117 100
119 6.3 75.8 113.6#
121 0.0 23.6 35.4#



#50
Toluene-d8
Concen: 51.915 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD070847.D
Acq: 26 Oct 2021 18:28

Tgt Ion: 98 Resp: 951458
Ion Ratio Lower Upper
98 100
100 63.1 51.8 77.6

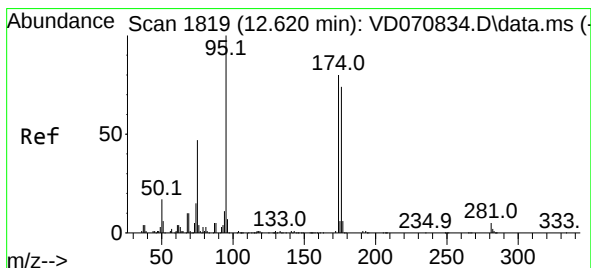
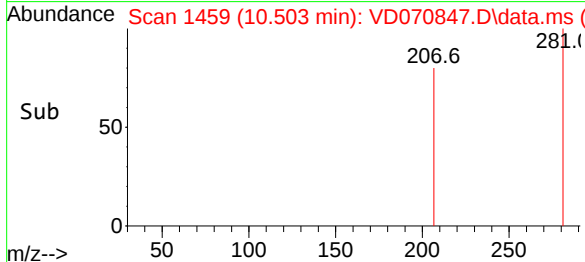
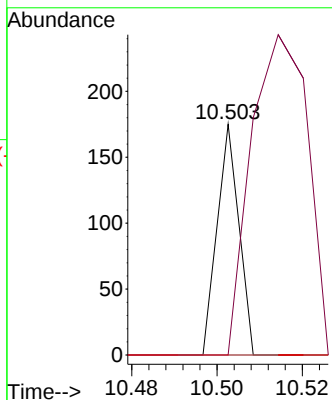
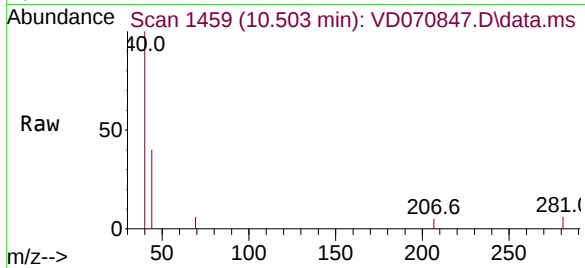




#56
Ethyl methacrylate
Concen: 2.853 ug/l
RT: 10.503 min Scan# 1485
Delta R.T. -0.152 min
Lab File: VD070847.D
Acq: 26 Oct 2021 18:28

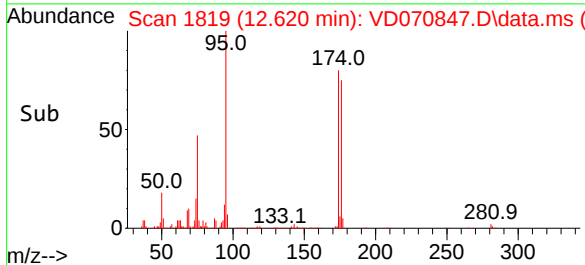
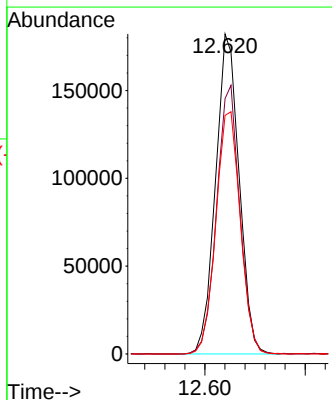
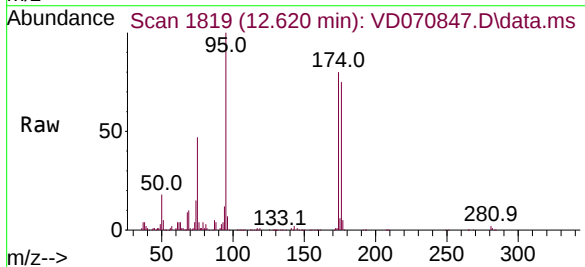
Instrument :
MSVOA_D
ClientSampleId :

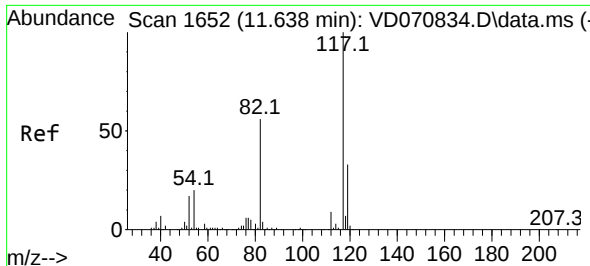
Tgt Ion: 69 Resp: 62
Ion Ratio Lower Upper
69 100
41 359.7 50.2 75.2#
39 0.0 19.8 29.8#



#62
4-Bromofluorobenzene
Concen: 49.131 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD070847.D
Acq: 26 Oct 2021 18:28

Tgt Ion: 95 Resp: 297094
Ion Ratio Lower Upper
95 100
174 82.6 0.0 159.4
176 78.3 0.0 154.0

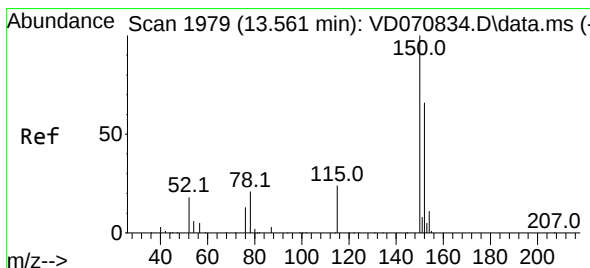
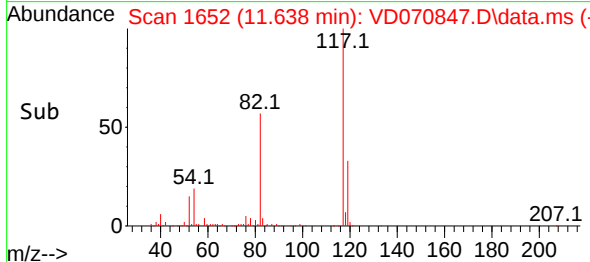
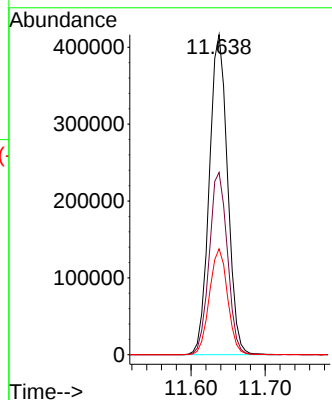
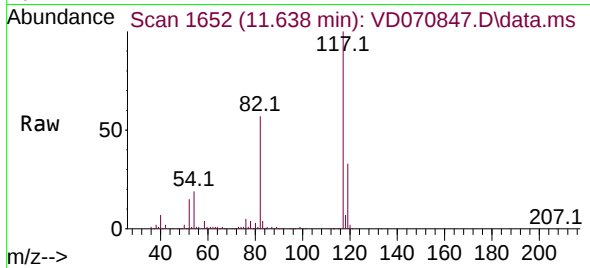




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD070847.D
Acq: 26 Oct 2021 18:28

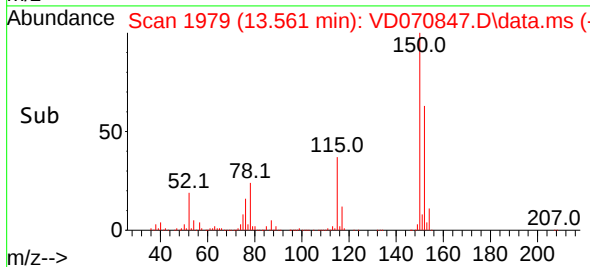
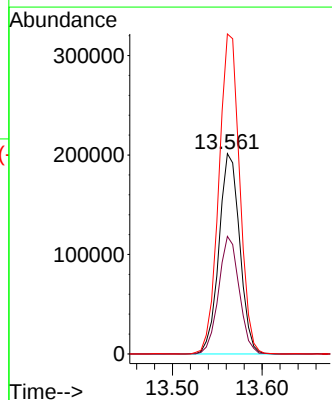
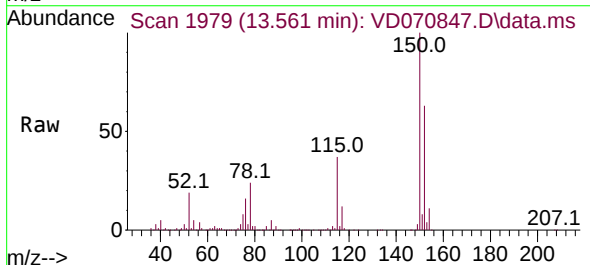
Instrument :
MSVOA_D
ClientSampleId :

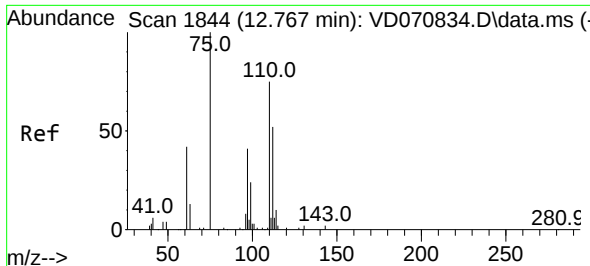
Tgt Ion:117 Resp: 712754
Ion Ratio Lower Upper
117 100
82 57.0 44.7 67.1
119 33.1 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD070847.D
Acq: 26 Oct 2021 18:28

Tgt Ion:152 Resp: 323312
Ion Ratio Lower Upper
152 100
115 58.3 29.8 89.3
150 160.1 0.0 349.2

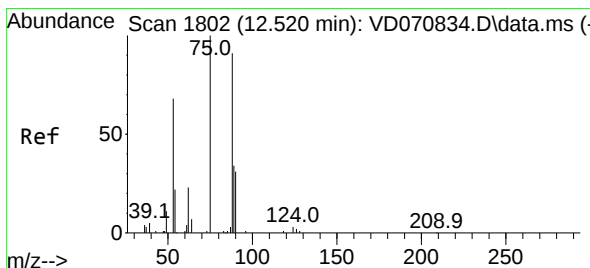
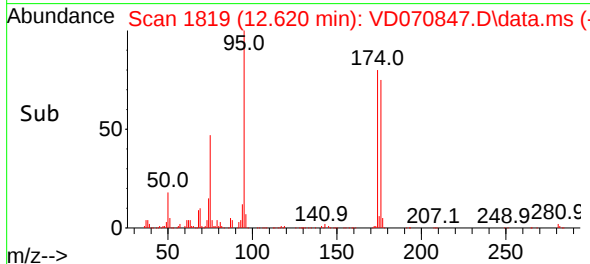
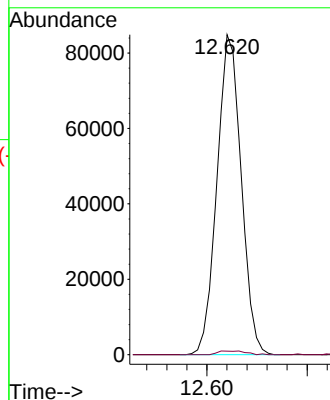
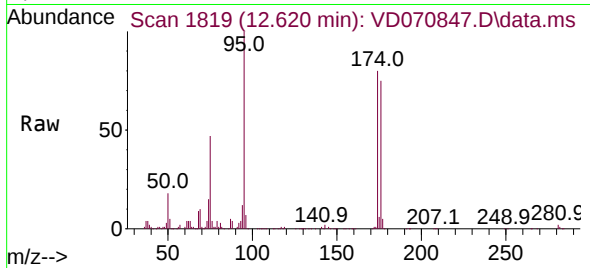




#76
1,2,3-Trichloropropane
Concen: 44.703 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD070847.D
Acq: 26 Oct 2021 18:28

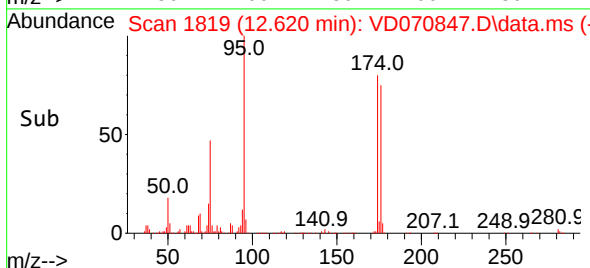
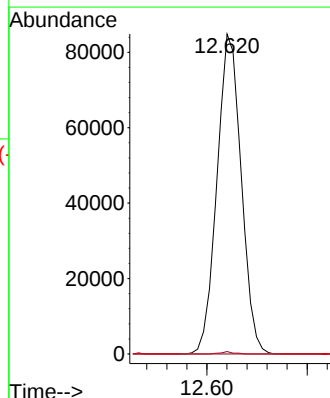
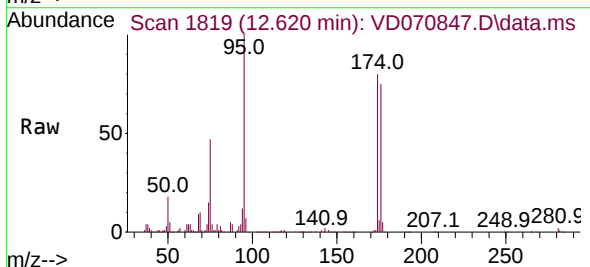
Instrument :
MSVOA_D
ClientSampleId :

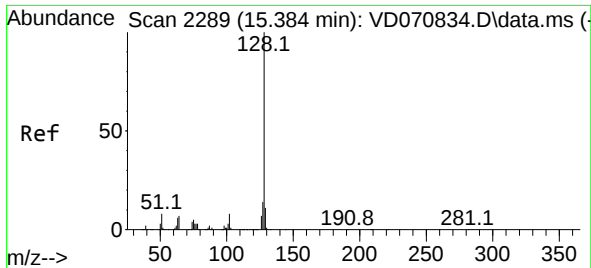
Tgt Ion: 75 Resp: 142279
Ion Ratio Lower Upper
75 100
77 1.4 158.4 475.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 117.331 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD070847.D
Acq: 26 Oct 2021 18:28

Tgt Ion: 75 Resp: 142279
Ion Ratio Lower Upper
75 100
53 0.4 62.6 94.0#
89 0.0 34.5 51.7#





#95
Naphthalene
Concen: 4.262 ug/l
RT: 15.373 min Scan# 21
Delta R.T. -0.011 min
Lab File: VD070847.D
Acq: 26 Oct 2021 18:28

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 1526
Ion Ratio Lower Upper
128 100
127 14.3 10.7 16.1
129 18.0 8.7 13.1#

