

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102721\
 Data File : VD070871.D
 Acq On : 27 Oct 2021 18:38
 Operator : VA/SY
 Sample : M4372-03
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 28 03:59:08 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	384876	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	682262	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	660929	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	327197	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	206146	53.255	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.520%
35) Dibromofluoromethane	7.908	113	234252	52.073	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.140%
50) Toluene-d8	10.332	98	868929	51.343	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.680%
62) 4-Bromofluorobenzene	12.620	95	279372	50.031	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.060%

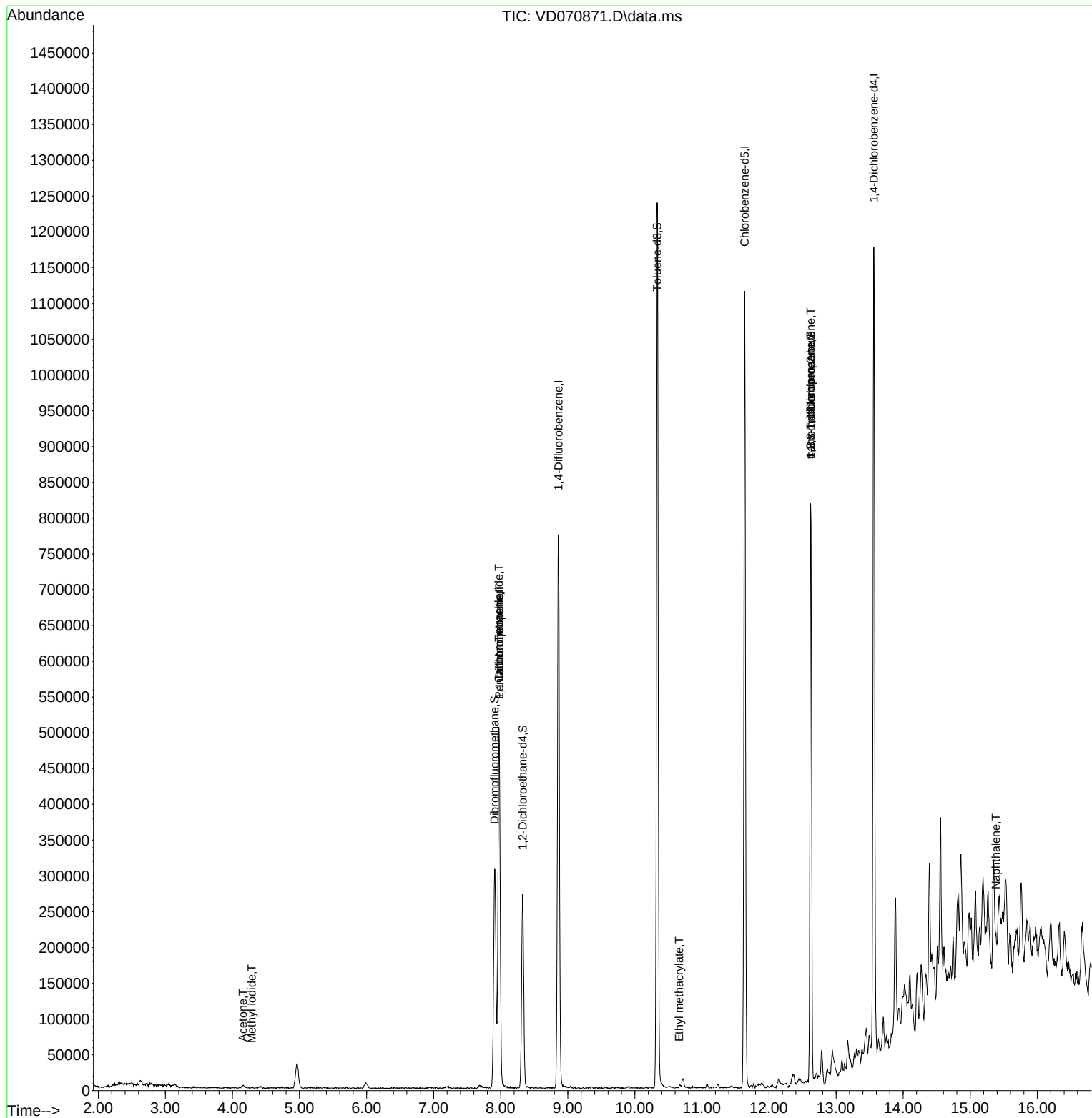
Target Compounds					Qvalue	
5) Bromomethane	2.773	94	1580	Below Cal	#	72
10) Methyl Iodide	4.285	142	403	3.690	ug/l #	40
16) Acetone	4.156	43	6784	7.533	ug/l #	86
36) 1,1-Dichloropropene	7.979	75	31232	4.375	ug/l #	49
38) Carbon Tetrachloride	7.973	117	37032	5.159	ug/l #	16
56) Ethyl methacrylate	10.661	69	231	2.888	ug/l #	1
76) 1,2,3-Trichloropropane	12.620	75	129412	40.178	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.620	75	129412	105.453	ug/l #	19
95) Naphthalene	15.385	128	21541	6.047	ug/l #	77

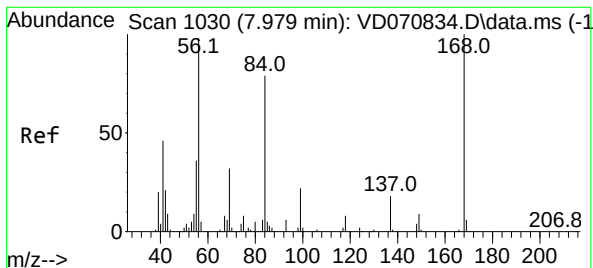
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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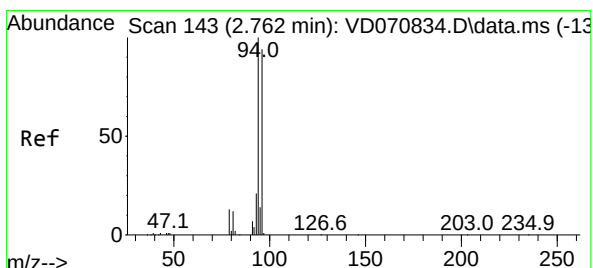
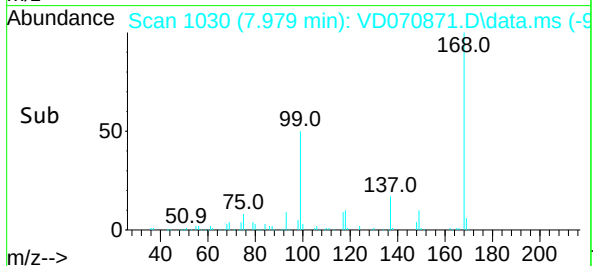
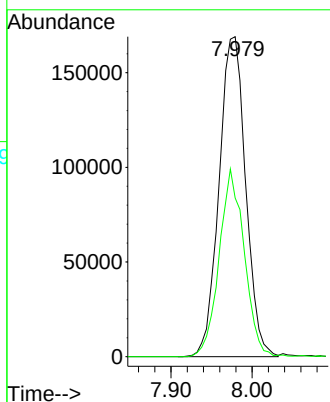
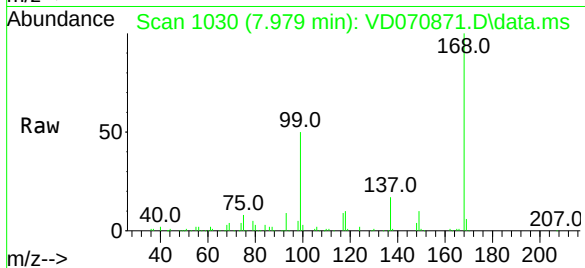




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070871.D
Acq: 27 Oct 2021 18:38

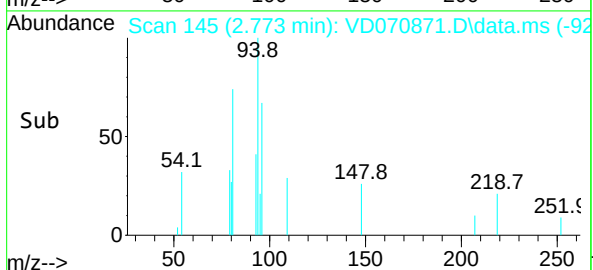
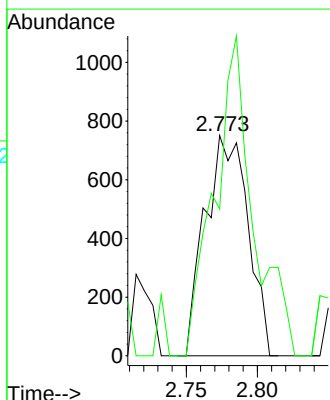
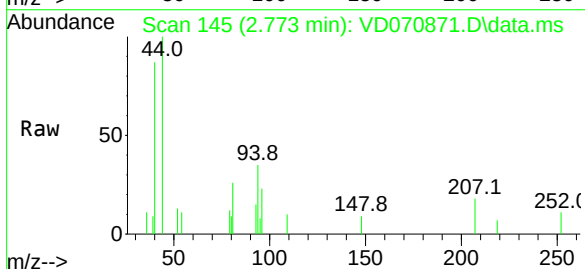
Instrument :
MSVOA_D
ClientSampleId :

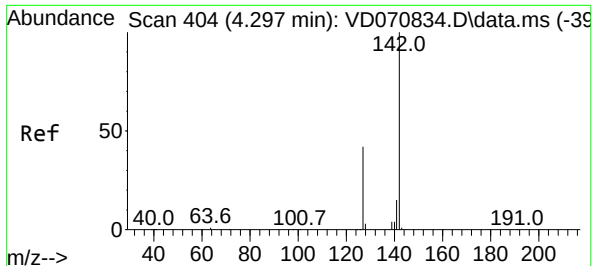
Tgt Ion:168 Resp: 384876
Ion Ratio Lower Upper
168 100
99 49.6 46.6 69.8



#5
Bromomethane
Concen: Below Cal
RT: 2.773 min Scan# 145
Delta R.T. 0.011 min
Lab File: VD070871.D
Acq: 27 Oct 2021 18:38

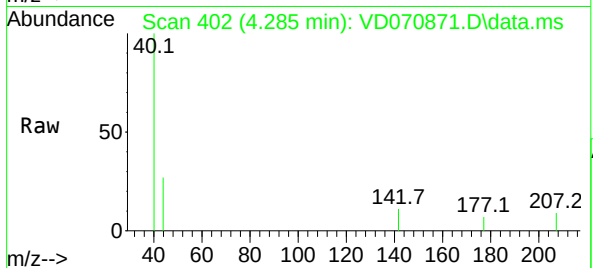
Tgt Ion: 94 Resp: 1580
Ion Ratio Lower Upper
94 100
96 66.6 74.8 112.2#



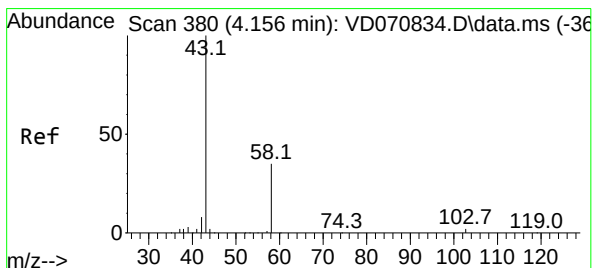
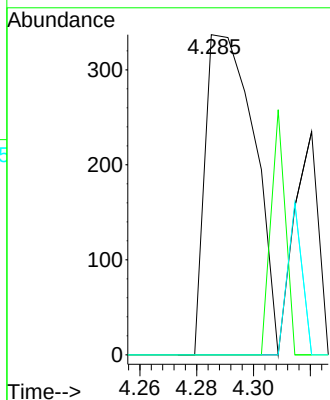
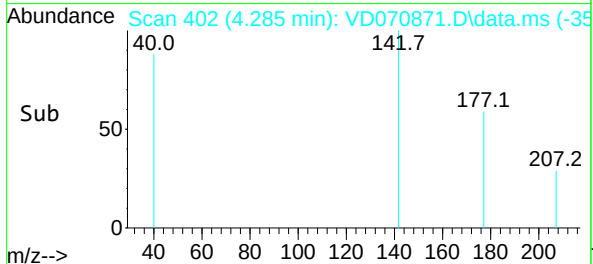


#10
Methyl Iodide
Concen: 3.690 ug/l
RT: 4.285 min Scan# 402
Delta R.T. -0.012 min
Lab File: VD070871.D
Acq: 27 Oct 2021 18:38

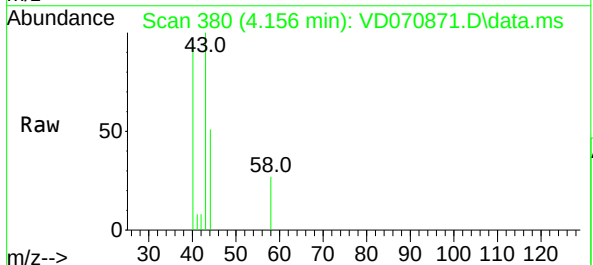
Instrument :
MSVOA_D
ClientSampleId :



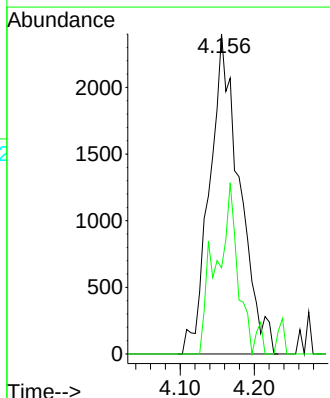
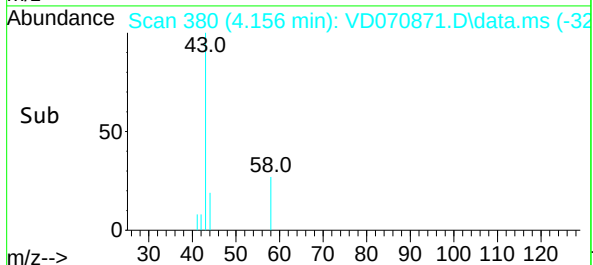
Tgt Ion:142 Resp: 403
Ion Ratio Lower Upper
142 100
127 0.0 35.0 52.4#
141 0.0 12.0 18.0#

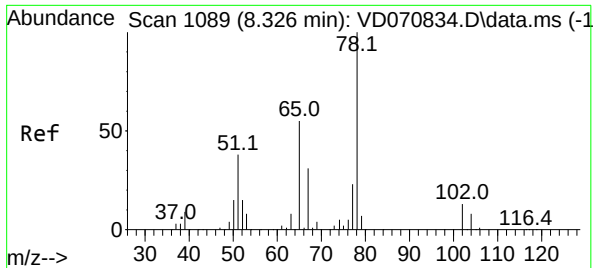


#16
Acetone
Concen: 7.533 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD070871.D
Acq: 27 Oct 2021 18:38



Tgt Ion: 43 Resp: 6784
Ion Ratio Lower Upper
43 100
58 26.9 27.8 41.8#

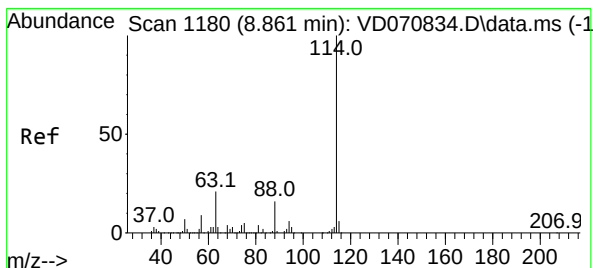
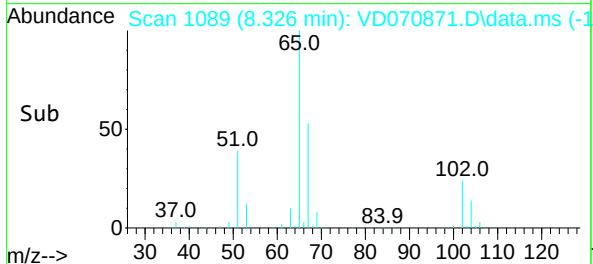
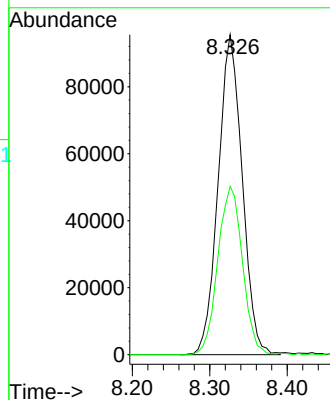
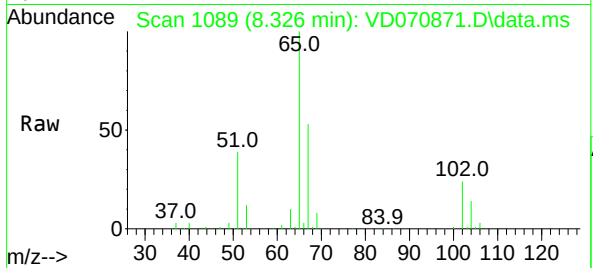




#33
1,2-Dichloroethane-d4
Concen: 53.255 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070871.D
Acq: 27 Oct 2021 18:38

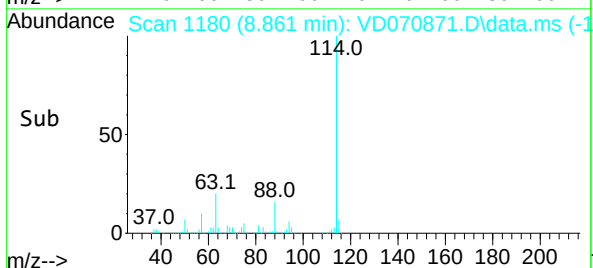
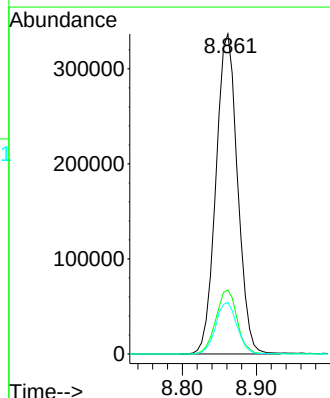
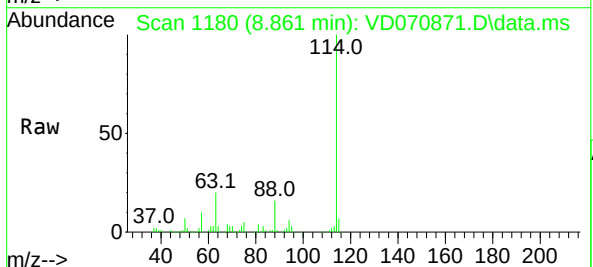
Instrument :
MSVOA_D
ClientSampleId :

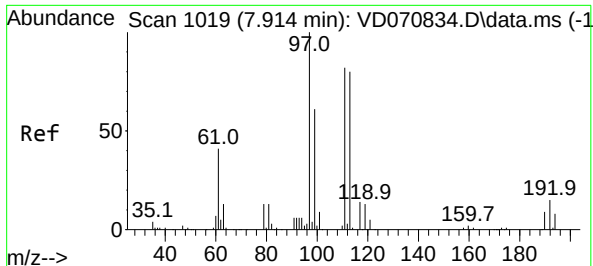
Tgt Ion: 65 Resp: 206146
Ion Ratio Lower Upper
65 100
67 53.9 0.0 112.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070871.D
Acq: 27 Oct 2021 18:38

Tgt Ion: 114 Resp: 682262
Ion Ratio Lower Upper
114 100
63 20.0 0.0 41.8
88 16.1 0.0 32.8





#35

Dibromofluoromethane

Concen: 52.073 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD070871.D

Acq: 27 Oct 2021 18:38

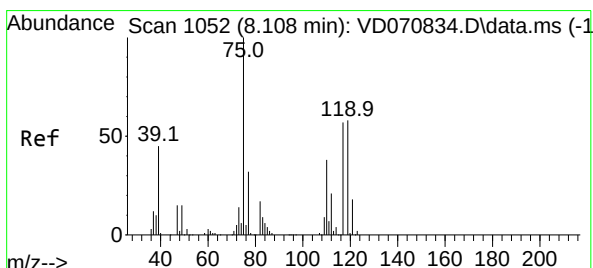
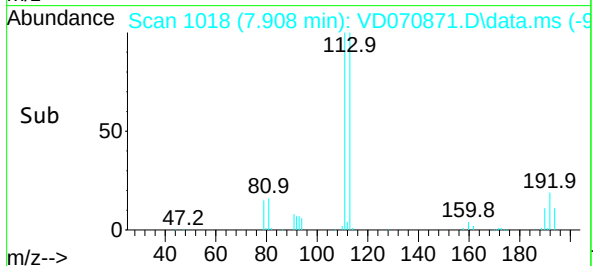
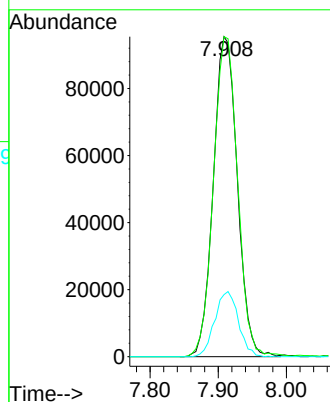
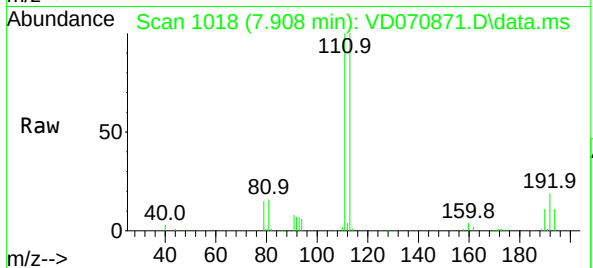
Tgt Ion:113 Resp: 234252

Ion Ratio Lower Upper

113 100

111 100.4 82.0 123.0

192 20.0 15.2 22.8



#36

1,1-Dichloropropene

Concen: 4.375 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.129 min

Lab File: VD070871.D

Acq: 27 Oct 2021 18:38

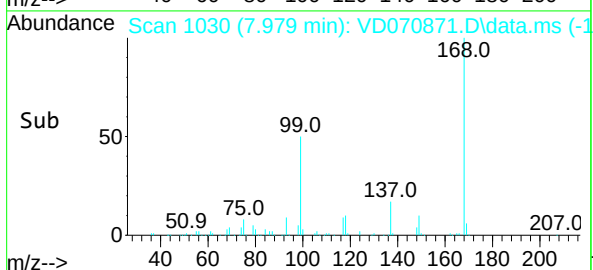
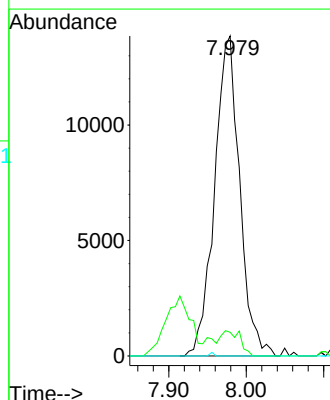
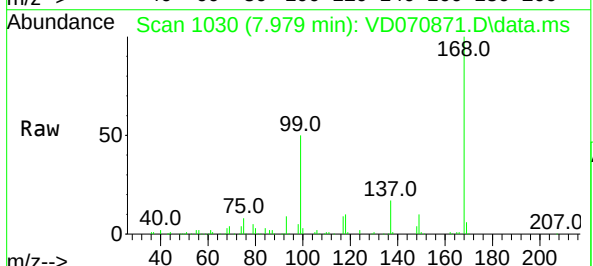
Tgt Ion: 75 Resp: 31232

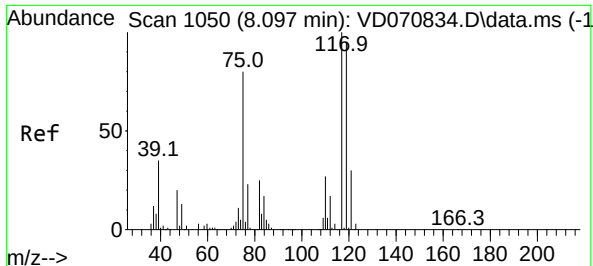
Ion Ratio Lower Upper

75 100

110 8.5 17.8 53.4#

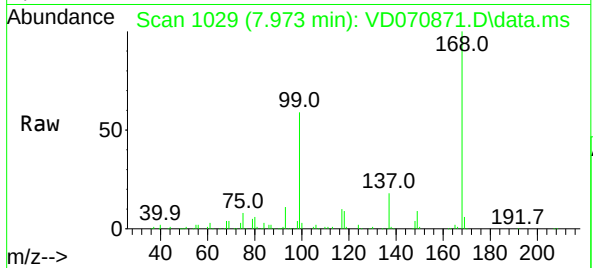
77 0.0 24.8 37.2#



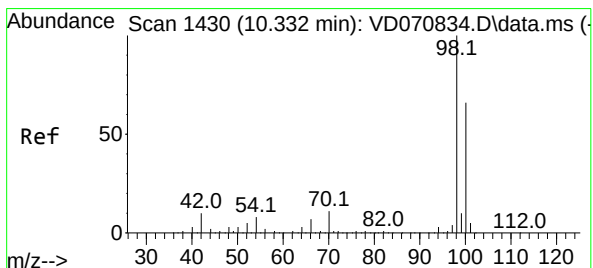
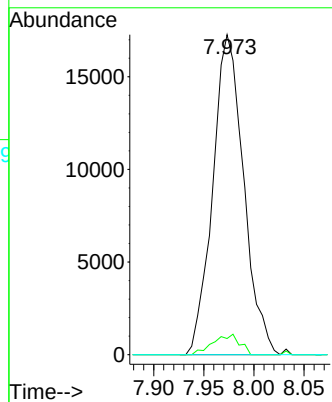
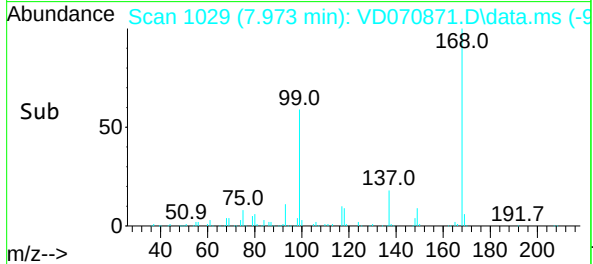


#38
Carbon Tetrachloride
Concen: 5.159 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.123 min
Lab File: VD070871.D
Acq: 27 Oct 2021 18:38

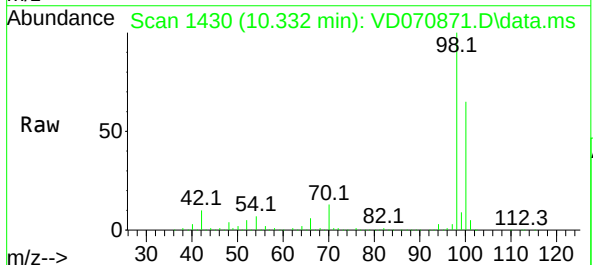
Instrument :
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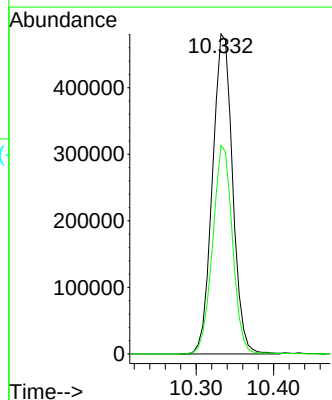
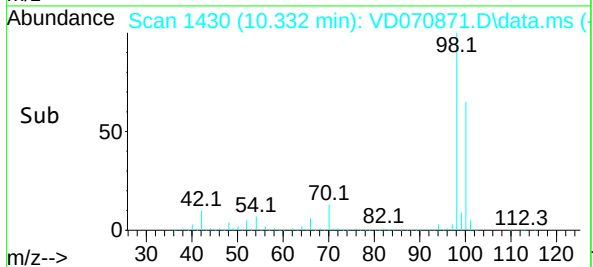
Tgt Ion:117 Resp: 37032
Ion Ratio Lower Upper
117 100
119 5.1 75.8 113.6#
121 0.0 23.6 35.4#

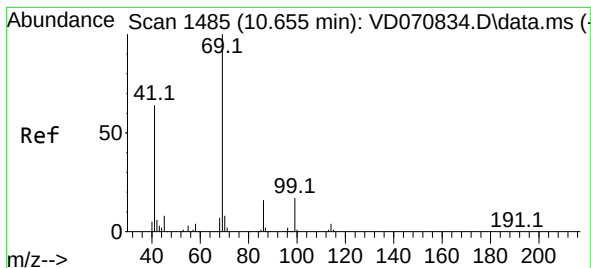


#50
Toluene-d8
Concen: 51.343 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD070871.D
Acq: 27 Oct 2021 18:38



Tgt Ion: 98 Resp: 868929
Ion Ratio Lower Upper
98 100
100 64.3 51.8 77.6

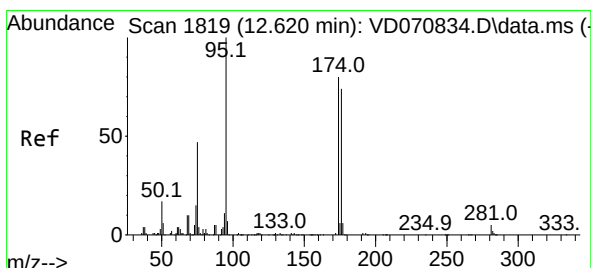
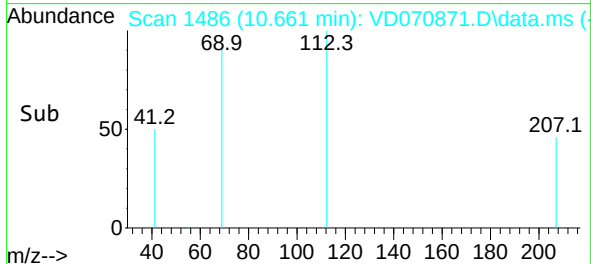
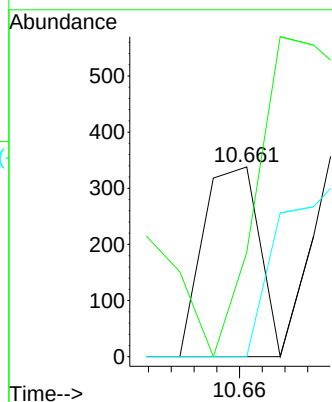
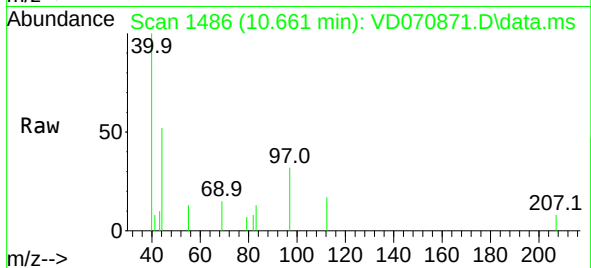




#56
Ethyl methacrylate
Concen: 2.888 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. 0.006 min
Lab File: VD070871.D
Acq: 27 Oct 2021 18:38

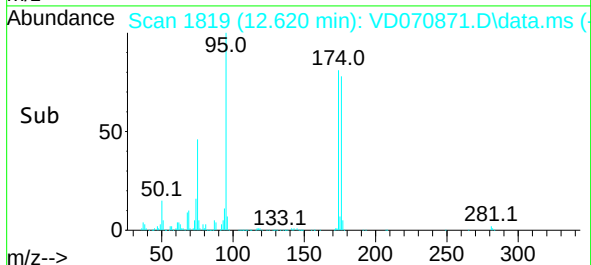
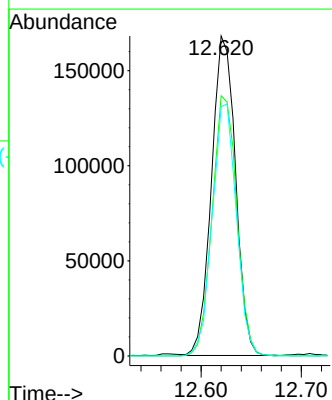
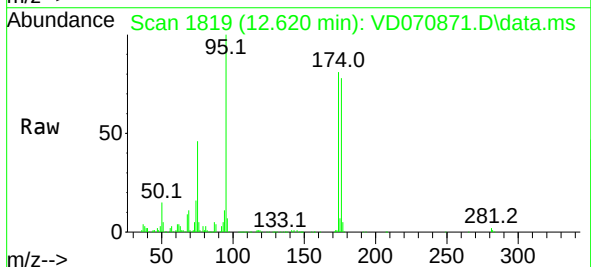
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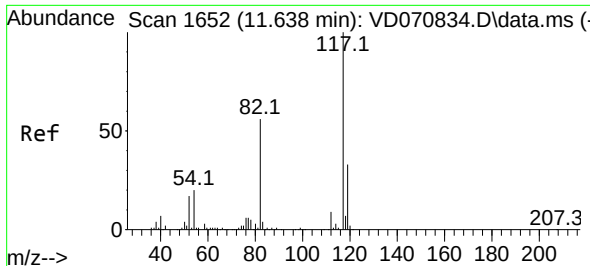
Tgt Ion: 69 Resp: 231
Ion Ratio Lower Upper
69 100
41 337.2 50.2 75.2#
39 0.0 19.8 29.8#



#62
4-Bromofluorobenzene
Concen: 50.031 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD070871.D
Acq: 27 Oct 2021 18:38

Tgt Ion: 95 Resp: 279372
Ion Ratio Lower Upper
95 100
174 83.5 0.0 159.4
176 79.7 0.0 154.0

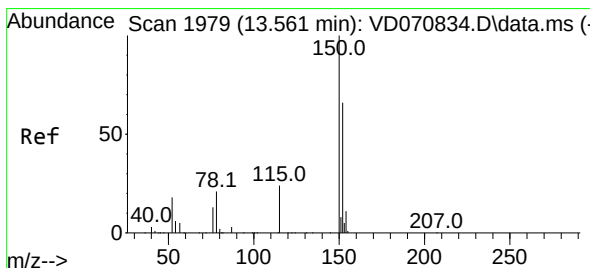
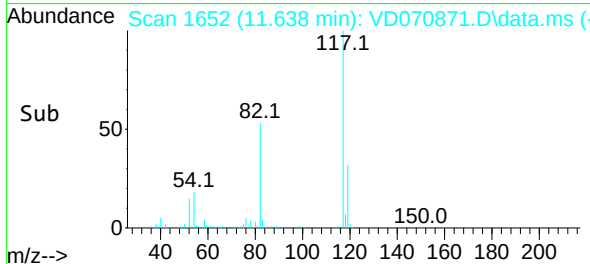
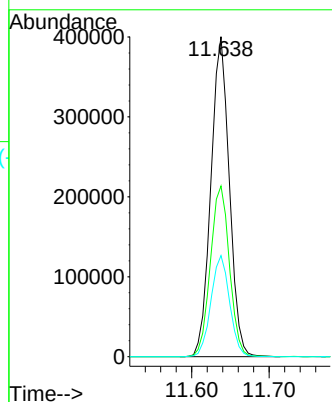
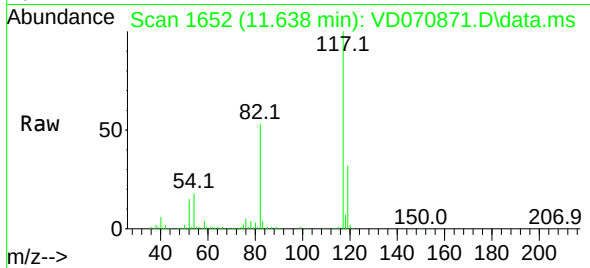




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070871.D
Acq: 27 Oct 2021 18:38

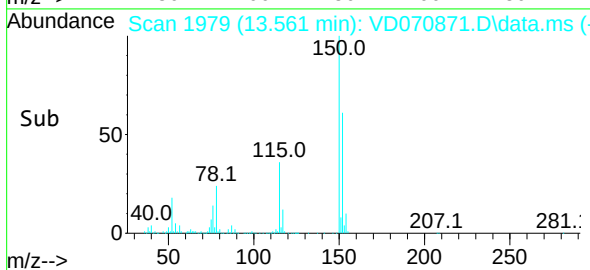
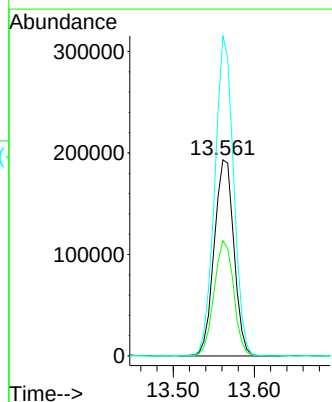
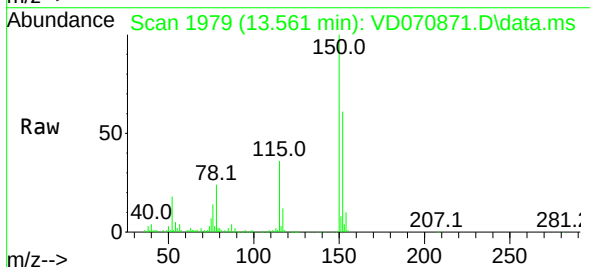
Instrument :
MSVOA_D
ClientSampleId :

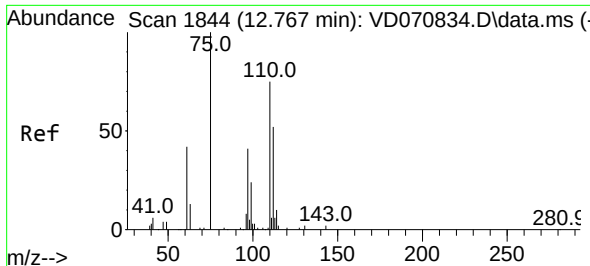
Tgt Ion:117 Resp: 660929
Ion Ratio Lower Upper
117 100
82 53.3 44.7 67.1
119 31.6 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD070871.D
Acq: 27 Oct 2021 18:38

Tgt Ion:152 Resp: 327197
Ion Ratio Lower Upper
152 100
115 58.4 29.8 89.3
150 155.7 0.0 349.2

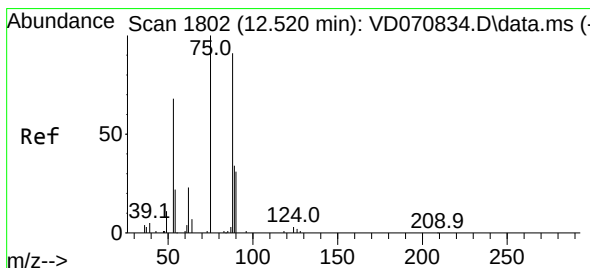
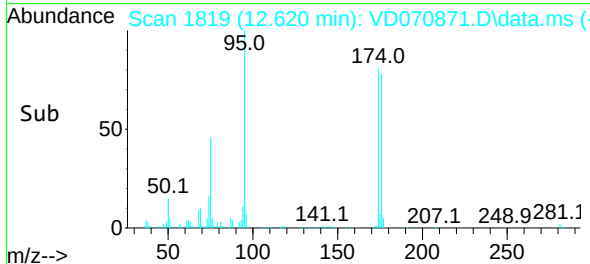
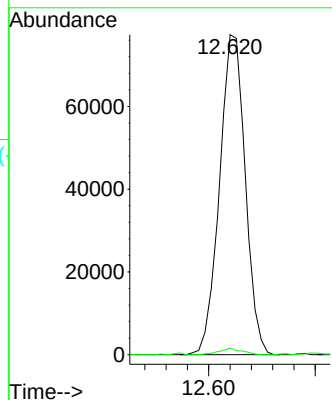
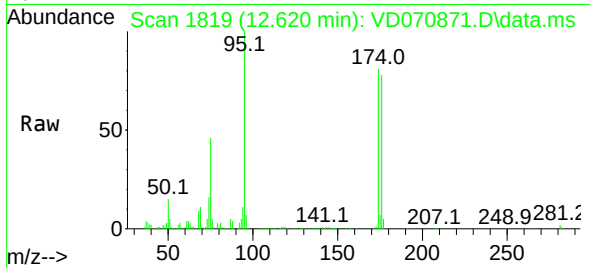




#76
1,2,3-Trichloropropane
Concen: 40.178 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD070871.D
Acq: 27 Oct 2021 18:38

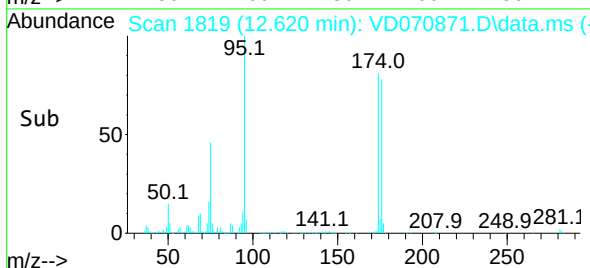
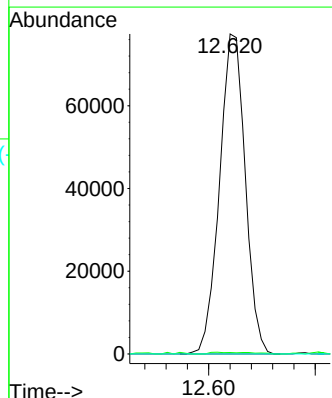
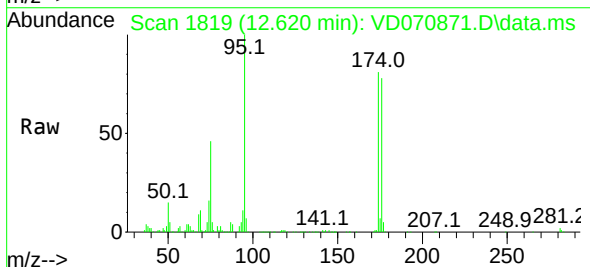
Instrument :
MSVOA_D
ClientSampleId :

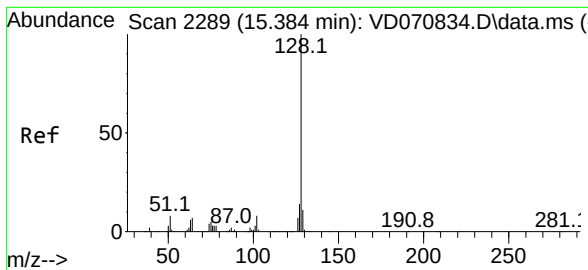
Tgt Ion: 75 Resp: 129412
Ion Ratio Lower Upper
75 100
77 1.8 158.4 475.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 105.453 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD070871.D
Acq: 27 Oct 2021 18:38

Tgt Ion: 75 Resp: 129412
Ion Ratio Lower Upper
75 100
53 0.5 62.6 94.0#
89 0.0 34.5 51.7#





#95
Naphthalene
Concen: 6.047 ug/l
RT: 15.385 min Scan# 2289
Delta R.T. 0.001 min
Lab File: VD070871.D
Acq: 27 Oct 2021 18:38

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 21541
Ion Ratio Lower Upper
128 100
127 0.0 10.7 16.1#
129 14.9 8.7 13.1#

