

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012822\
 Data File : VD071831.D
 Acq On : 28 Jan 2022 18:36
 Operator : VA/SY
 Sample : N1338-02
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HP-1A

Quant Time: Jan 29 04:52:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

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

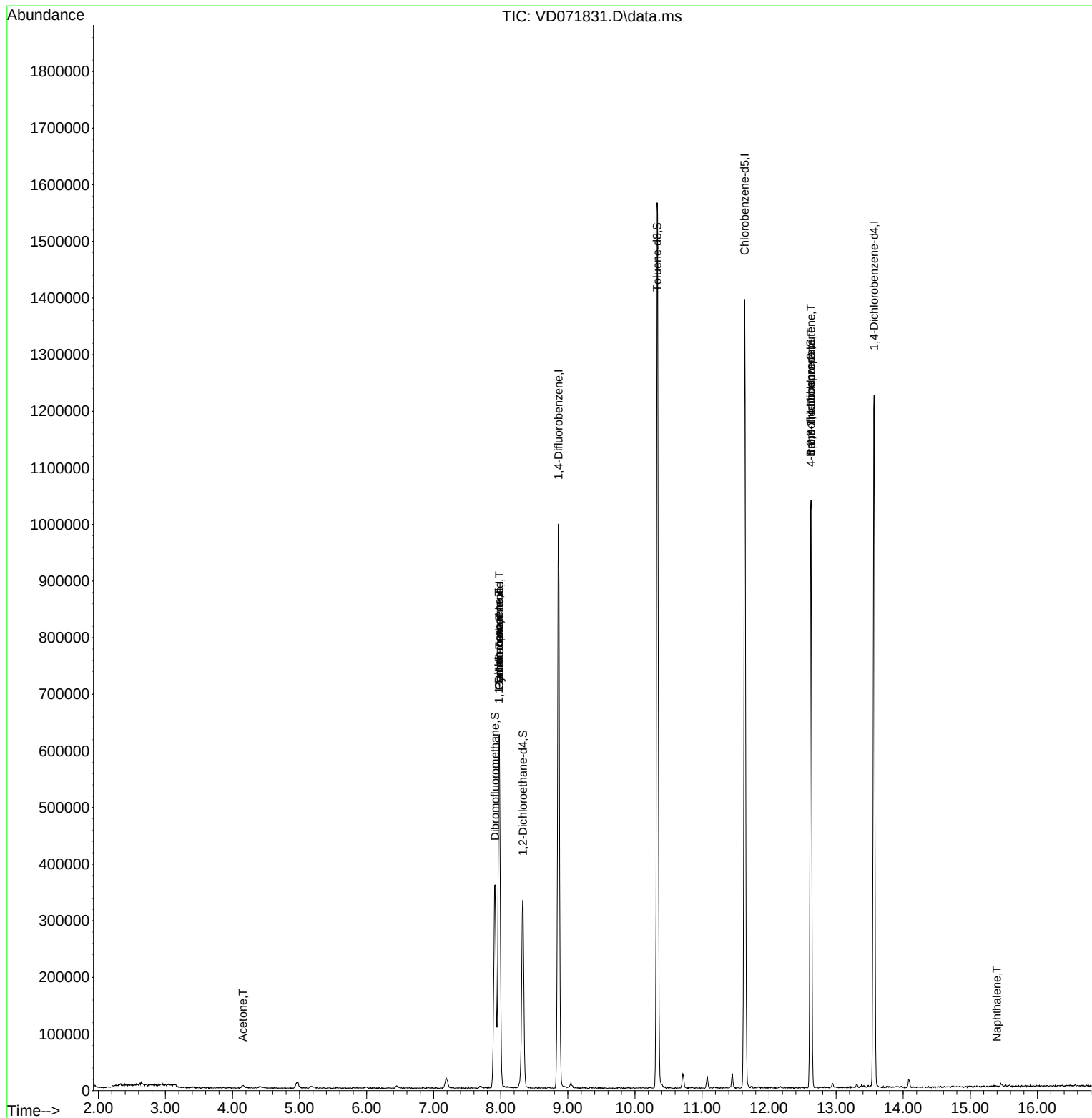
Internal Standards						
1) Pentafluorobenzene	7.979	168	433582	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	787217	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	733936	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	306672	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	273512	49.909	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.820%
35) Dibromofluoromethane	7.914	113	258449	49.946	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.900%
50) Toluene-d8	10.332	98	1014437	52.492	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.980%
62) 4-Bromofluorobenzene	12.620	95	314177	46.554	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.100%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.179	59	2529	Below Cal	#	74
16) Acetone	4.156	43	8551	5.700	ug/l	97
20) Methylene Chloride	4.967	84	7924	Below Cal	#	74
31) Cyclohexane	7.979	56	13159	1.258	ug/l	# 26
36) 1,1-Dichloropropene	7.973	75	39870	4.489	ug/l	# 51
38) Carbon Tetrachloride	7.979	117	46909	5.341	ug/l	# 16
76) 1,2,3-Trichloropropane	12.626	75	172218	53.286	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.626	75	172218	131.019	ug/l	# 7
95) Naphthalene	15.396	128	690	1.517	ug/l	# 70

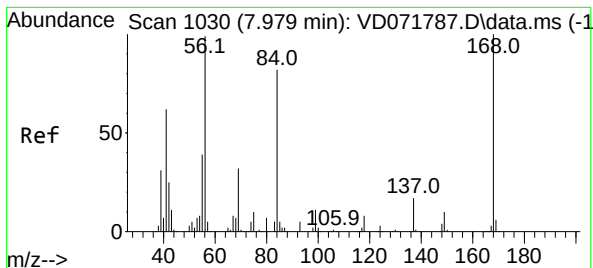
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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HP-1A

Quant Time: Jan 29 04:52:52 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 27 06:04:38 2022
Response via : Initial Calibration

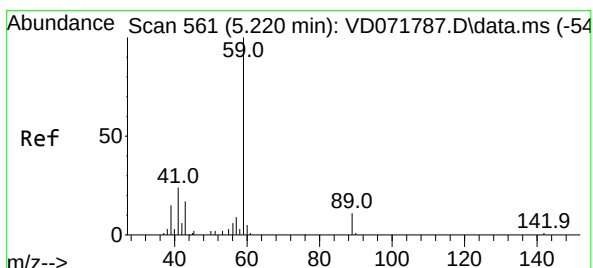
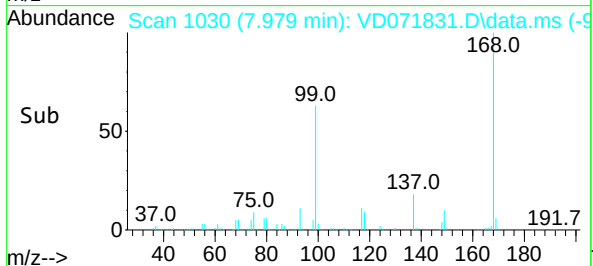
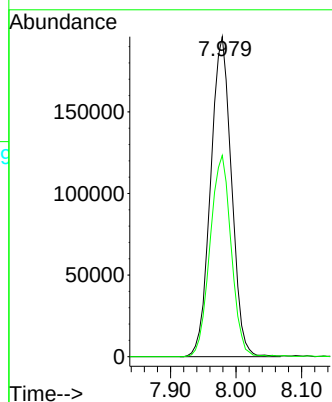
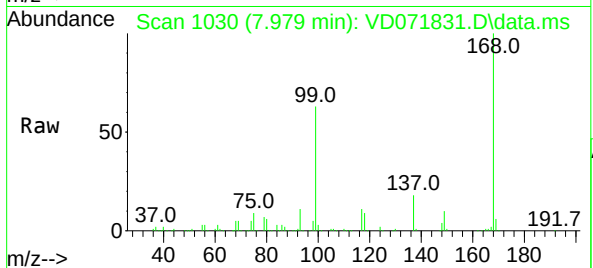




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD071831.D
Acq: 28 Jan 2022 18:36

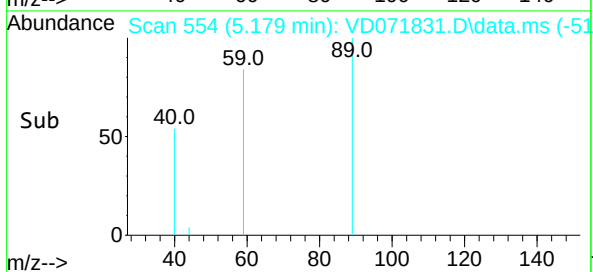
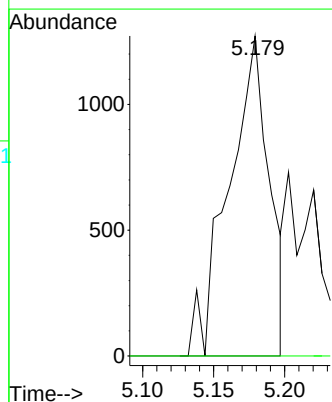
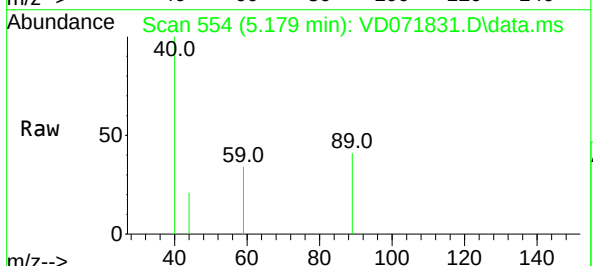
Instrument :
MSVOA_D
ClientSampleId :
HP-1A

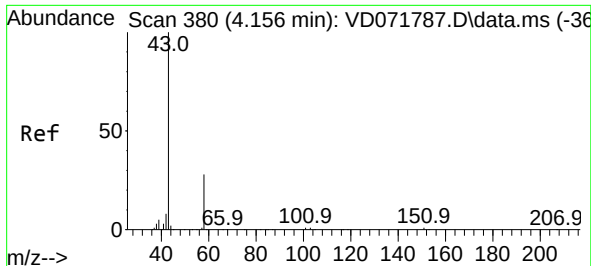
Tgt Ion:168 Resp: 433582
Ion Ratio Lower Upper
168 100
99 62.9 49.8 74.6



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.179 min Scan# 554
Delta R.T. -0.041 min
Lab File: VD071831.D
Acq: 28 Jan 2022 18:36

Tgt Ion: 59 Resp: 2529
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

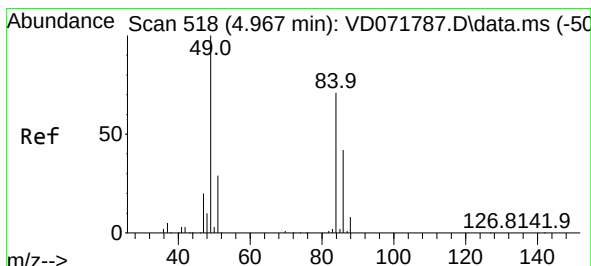
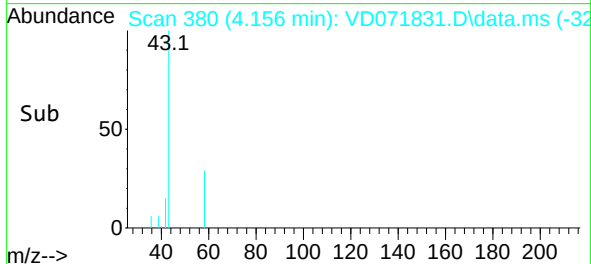
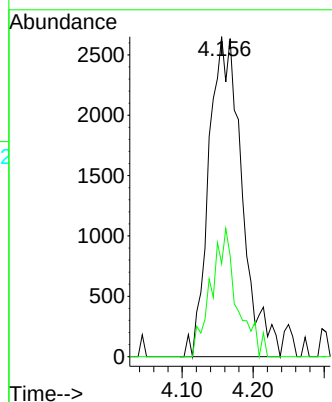
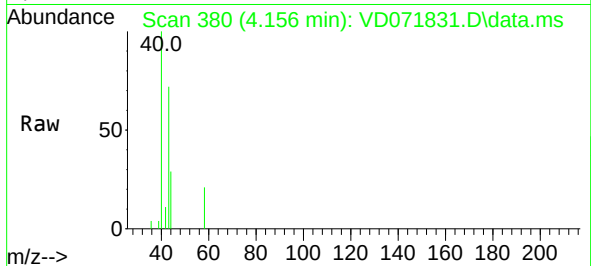




#16
Acetone
Concen: 5.700 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD071831.D
Acq: 28 Jan 2022 18:36

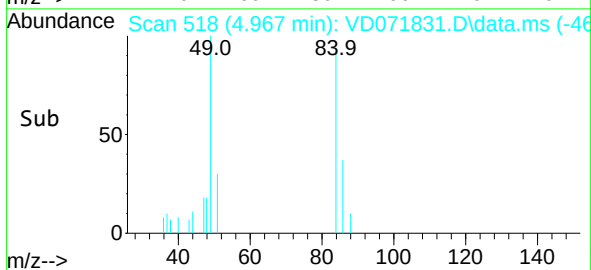
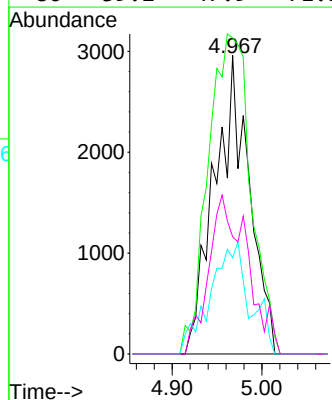
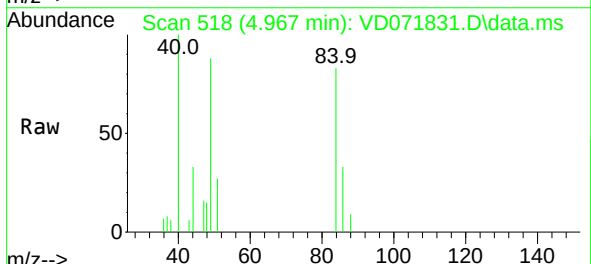
Instrument :
MSVOA_D
ClientSampleId :
HP-1A

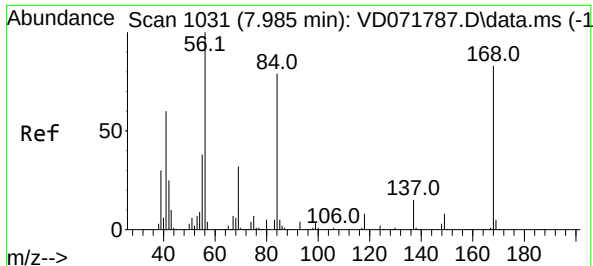
Tgt Ion: 43 Resp: 8551
Ion Ratio Lower Upper
43 100
58 29.0 22.1 33.1



#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. -0.000 min
Lab File: VD071831.D
Acq: 28 Jan 2022 18:36

Tgt Ion: 84 Resp: 7924
Ion Ratio Lower Upper
84 100
49 105.9 112.8 169.2#
51 32.2 32.6 48.8#
86 39.2 47.9 71.9#

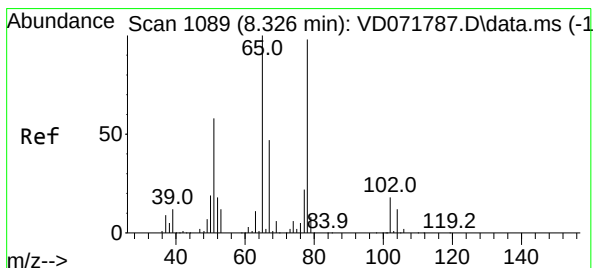
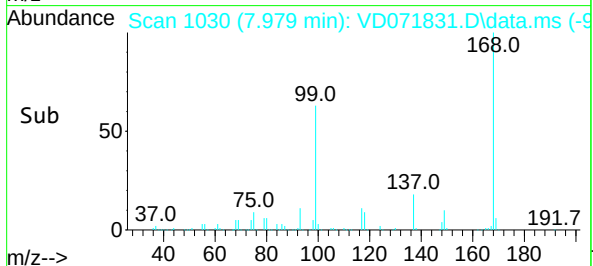
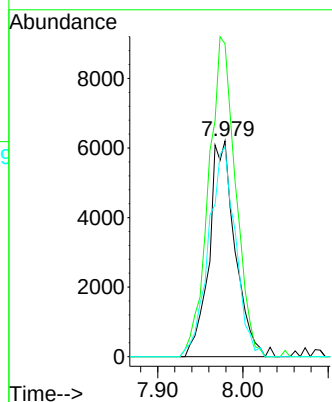
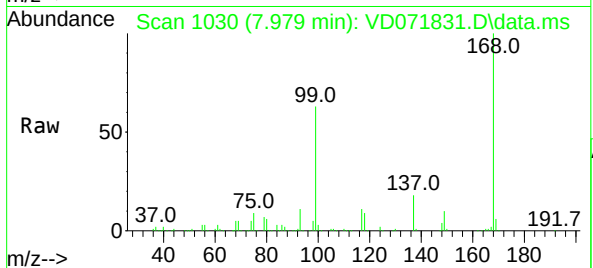




#31
Cyclohexane
Concen: 1.258 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071831.D
Acq: 28 Jan 2022 18:36

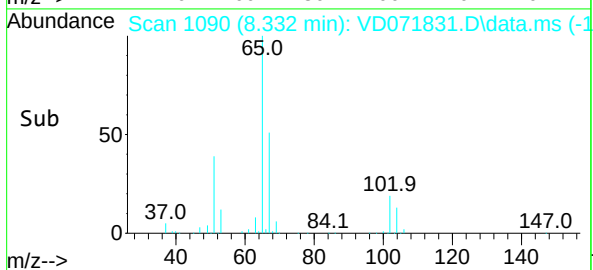
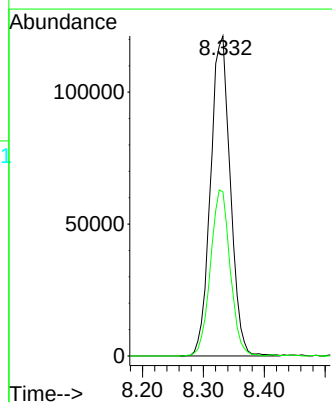
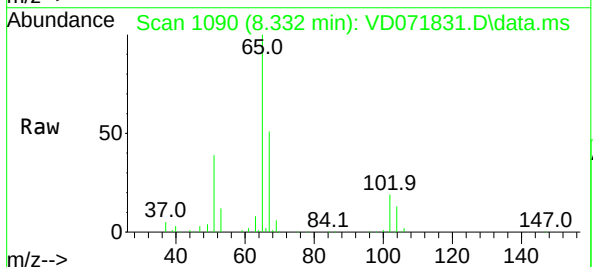
Instrument :
MSVOA_D
ClientSampleId :
HP-1A

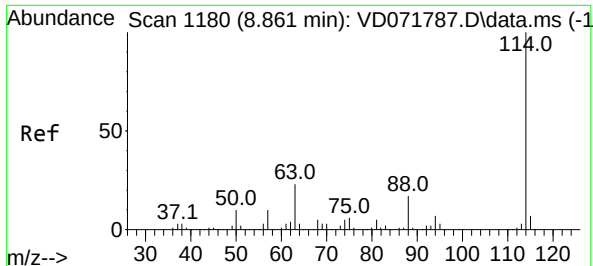
Tgt Ion: 56 Resp: 13159
Ion Ratio Lower Upper
56 100
69 145.1 25.4 38.2#
84 97.3 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 49.909 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD071831.D
Acq: 28 Jan 2022 18:36

Tgt Ion: 65 Resp: 273512
Ion Ratio Lower Upper
65 100
67 51.7 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VD071831.D

Acq: 28 Jan 2022 18:36

Instrument :

MSVOA_D

ClientSampleId :

HP-1A

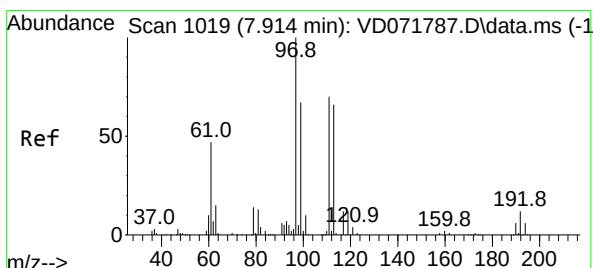
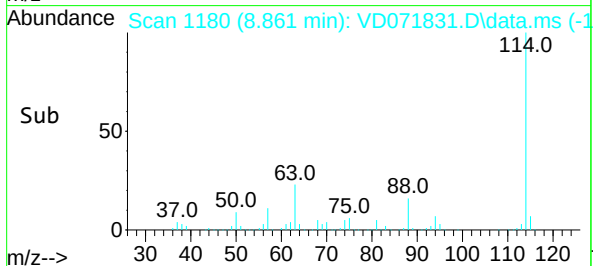
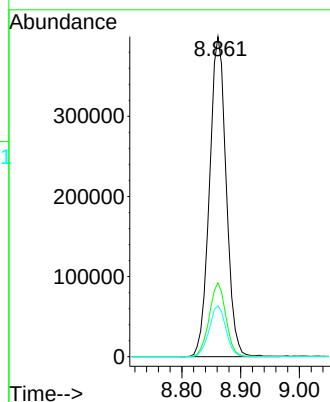
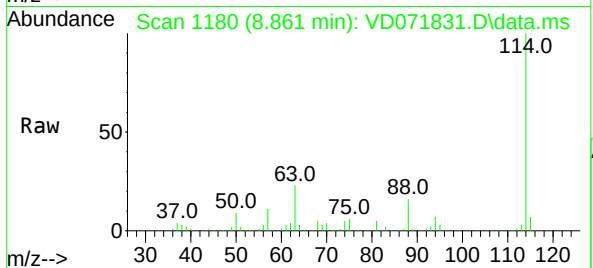
Tgt Ion:114 Resp: 787217

Ion Ratio Lower Upper

114 100

63 23.1 0.0 46.6

88 15.9 0.0 33.2



#35

Dibromofluoromethane

Concen: 49.946 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD071831.D

Acq: 28 Jan 2022 18:36

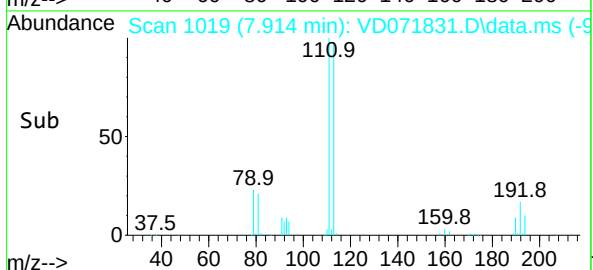
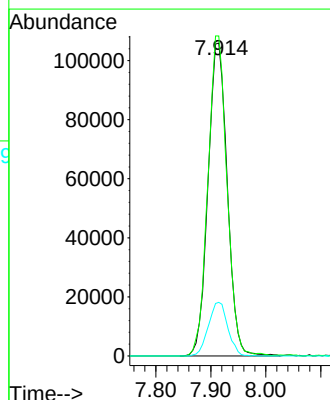
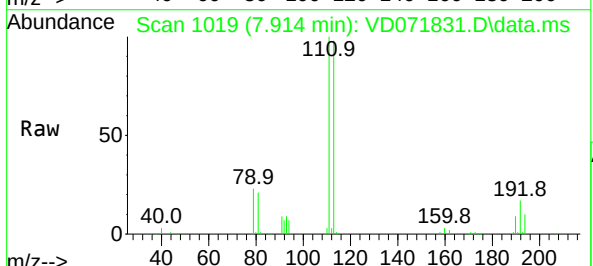
Tgt Ion:113 Resp: 258449

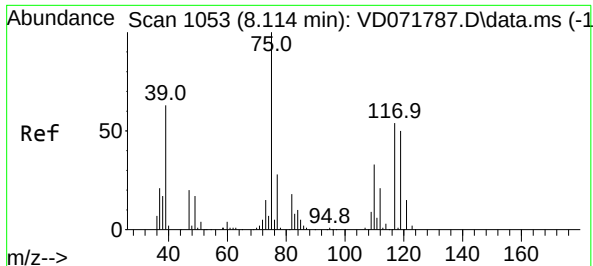
Ion Ratio Lower Upper

113 100

111 101.3 83.8 125.6

192 17.3 14.6 21.8

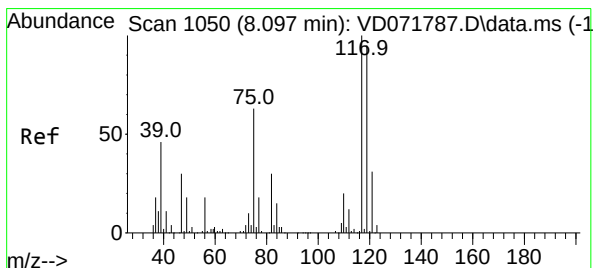
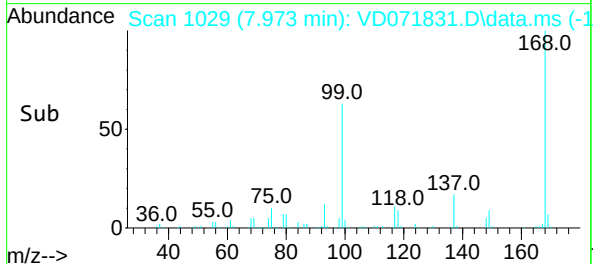
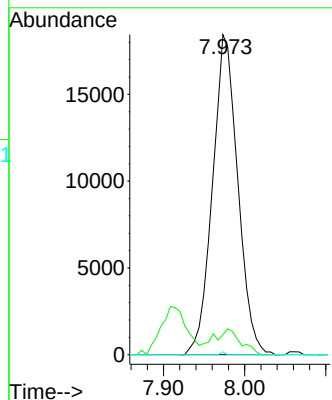
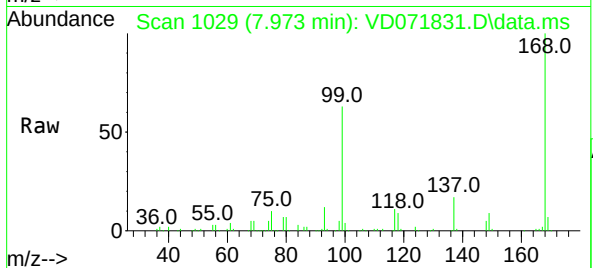




#36
1,1-Dichloropropene
Concen: 4.489 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.141 min
Lab File: VD071831.D
Acq: 28 Jan 2022 18:36

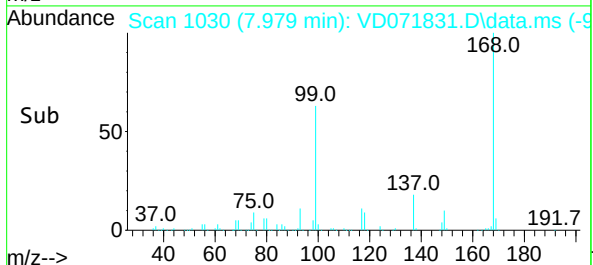
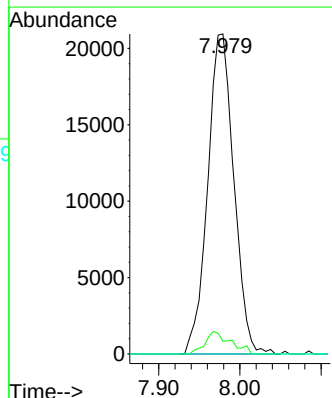
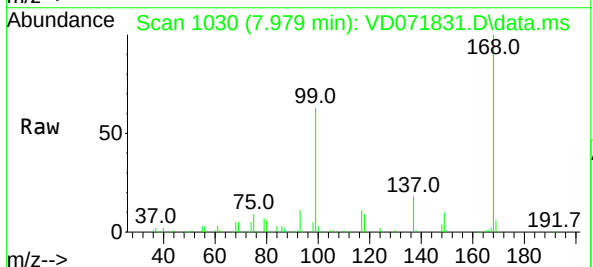
Instrument :
MSVOA_D
ClientSampleId :
HP-1A

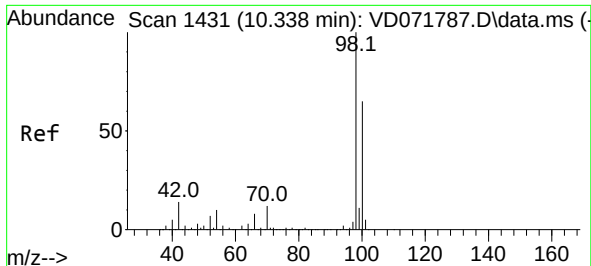
Tgt Ion: 75 Resp: 39870
Ion Ratio Lower Upper
75 100
110 8.9 16.4 49.1#
77 0.1 24.2 36.2#



#38
Carbon Tetrachloride
Concen: 5.341 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD071831.D
Acq: 28 Jan 2022 18:36

Tgt Ion: 117 Resp: 46909
Ion Ratio Lower Upper
117 100
119 4.0 75.8 113.6#
121 0.0 24.5 36.7#

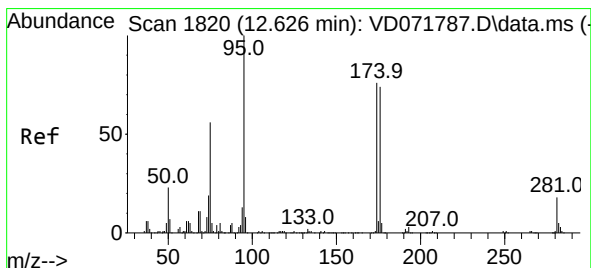
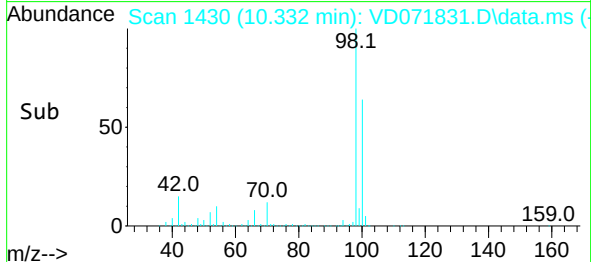
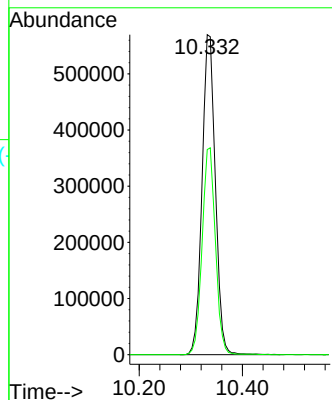
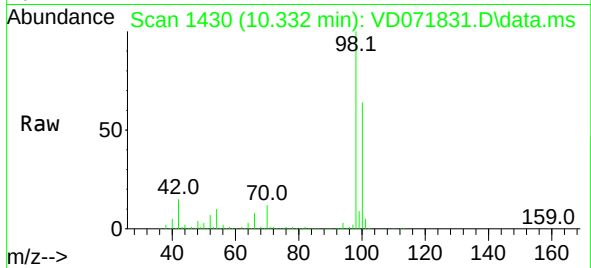




#50
Toluene-d8
Concen: 52.492 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD071831.D
Acq: 28 Jan 2022 18:36

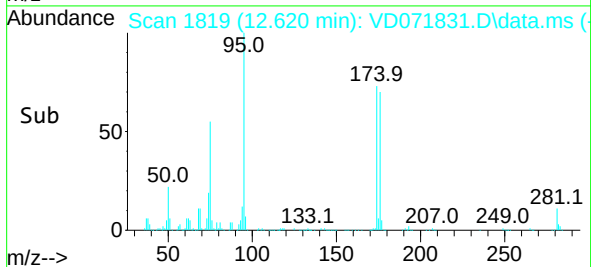
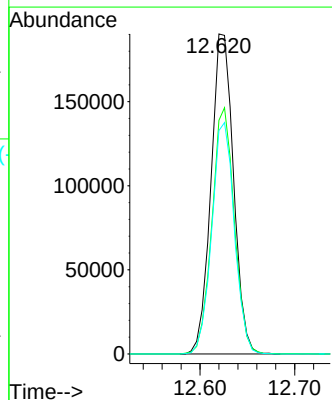
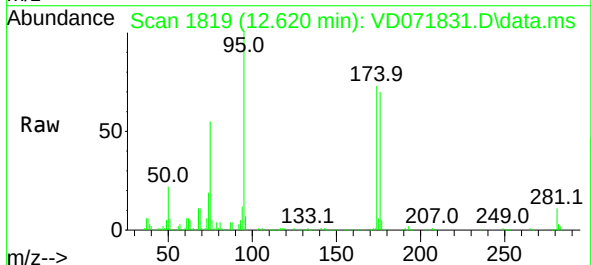
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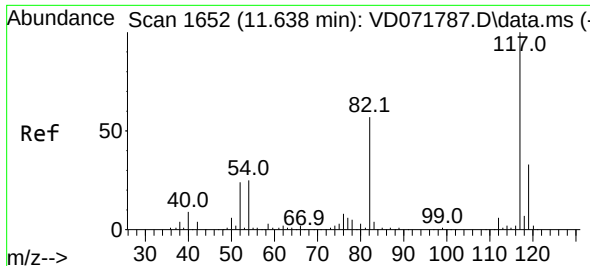
Tgt Ion: 98 Resp: 1014437
Ion Ratio Lower Upper
98 100
100 64.9 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 46.554 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071831.D
Acq: 28 Jan 2022 18:36

Tgt Ion: 95 Resp: 314177
Ion Ratio Lower Upper
95 100
174 76.3 0.0 152.8
176 72.5 0.0 145.4

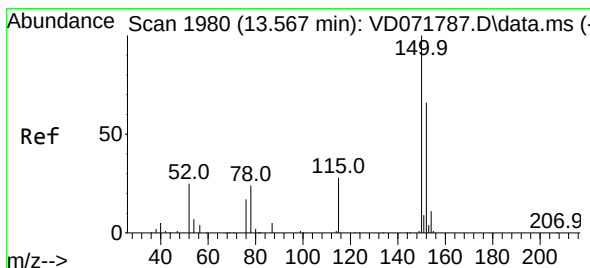
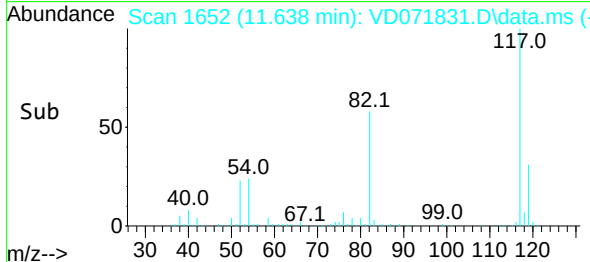
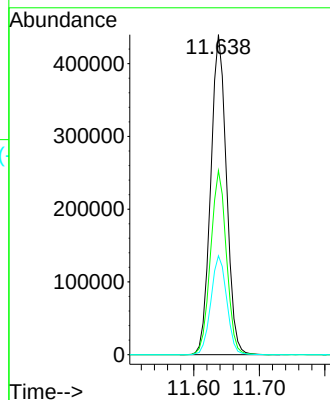
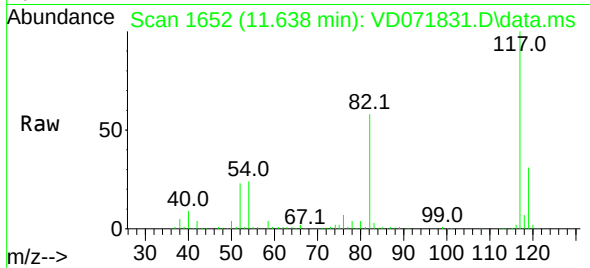




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD071831.D
Acq: 28 Jan 2022 18:36

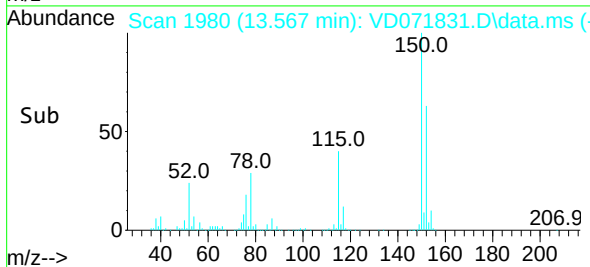
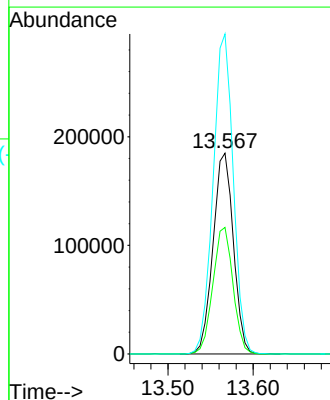
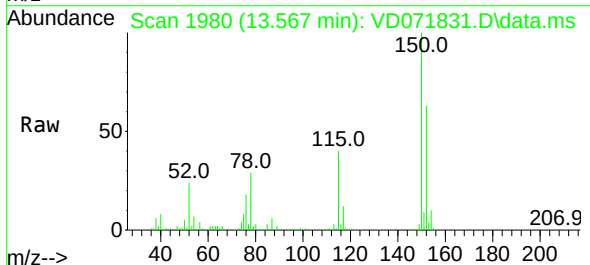
Instrument :
MSVOA_D
ClientSampleId :
HP-1A

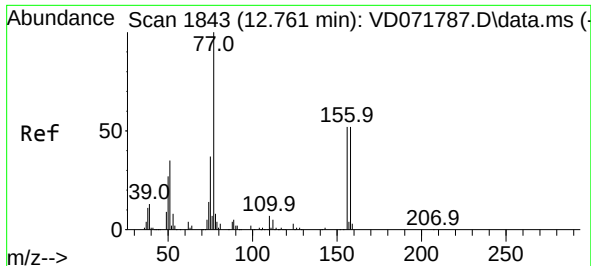
Tgt Ion:117 Resp: 733936
Ion Ratio Lower Upper
117 100
82 57.5 45.3 67.9
119 30.9 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071831.D
Acq: 28 Jan 2022 18:36

Tgt Ion:152 Resp: 306672
Ion Ratio Lower Upper
152 100
115 62.3 31.3 93.8
150 157.8 0.0 348.6

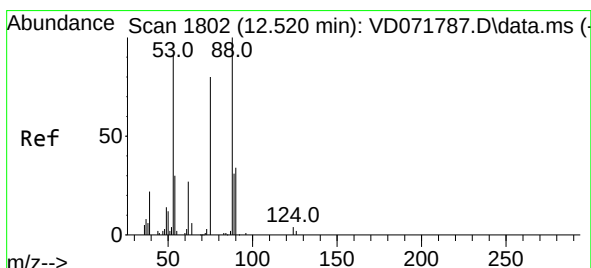
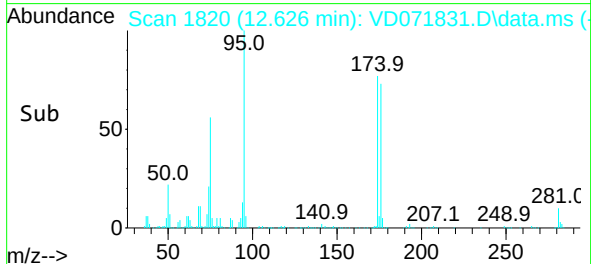
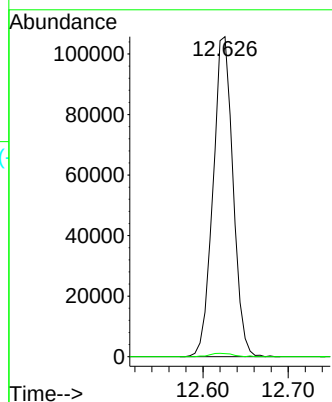
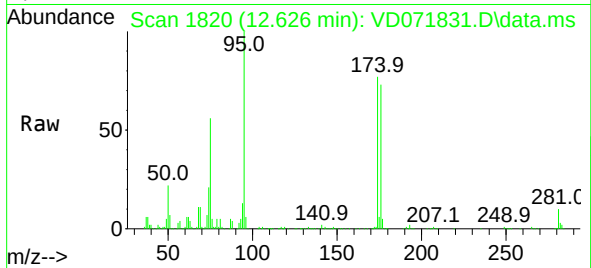




#76
1,2,3-Trichloropropane
Concen: 53.286 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD071831.D
Acq: 28 Jan 2022 18:36

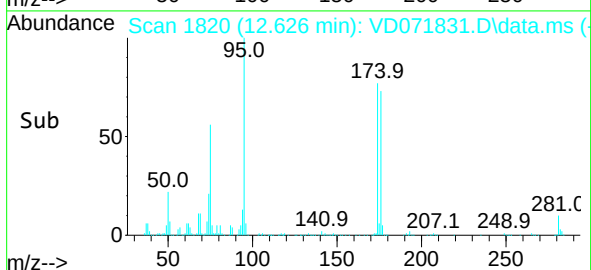
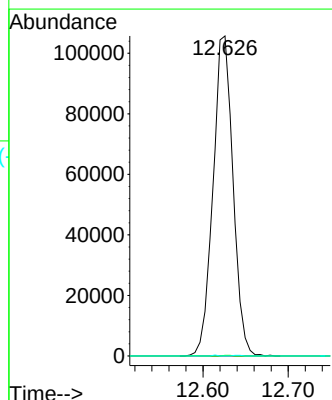
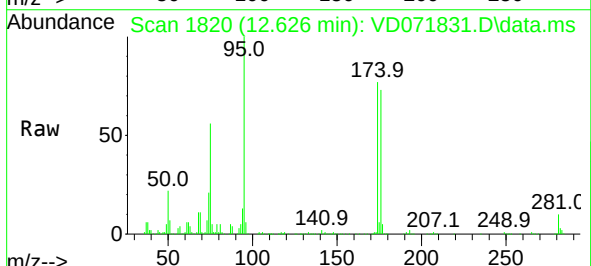
Instrument :
MSVOA_D
ClientSampleId :
HP-1A

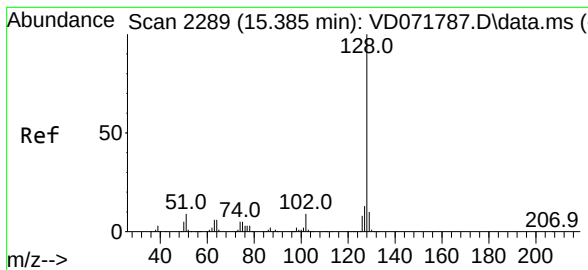
Tgt Ion: 75 Resp: 172218
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 131.019 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD071831.D
Acq: 28 Jan 2022 18:36

Tgt Ion: 75 Resp: 172218
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 0.1 33.9 50.9#





#95
 Naphthalene
 Concen: 1.517 ug/l
 RT: 15.396 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: VD071831.D
 Acq: 28 Jan 2022 18:36

Instrument :
 MSVOA_D
 ClientSampleId :
 HP-1A

Tgt Ion:128	Resp:	690
Ion Ratio	Lower	Upper
128	100	
127	0.0	10.3 15.5#
129	0.0	8.4 12.6#

