

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020322\
 Data File : VD071886.D
 Acq On : 03 Feb 2022 11:05
 Operator : VA/SY
 Sample : VD0203SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

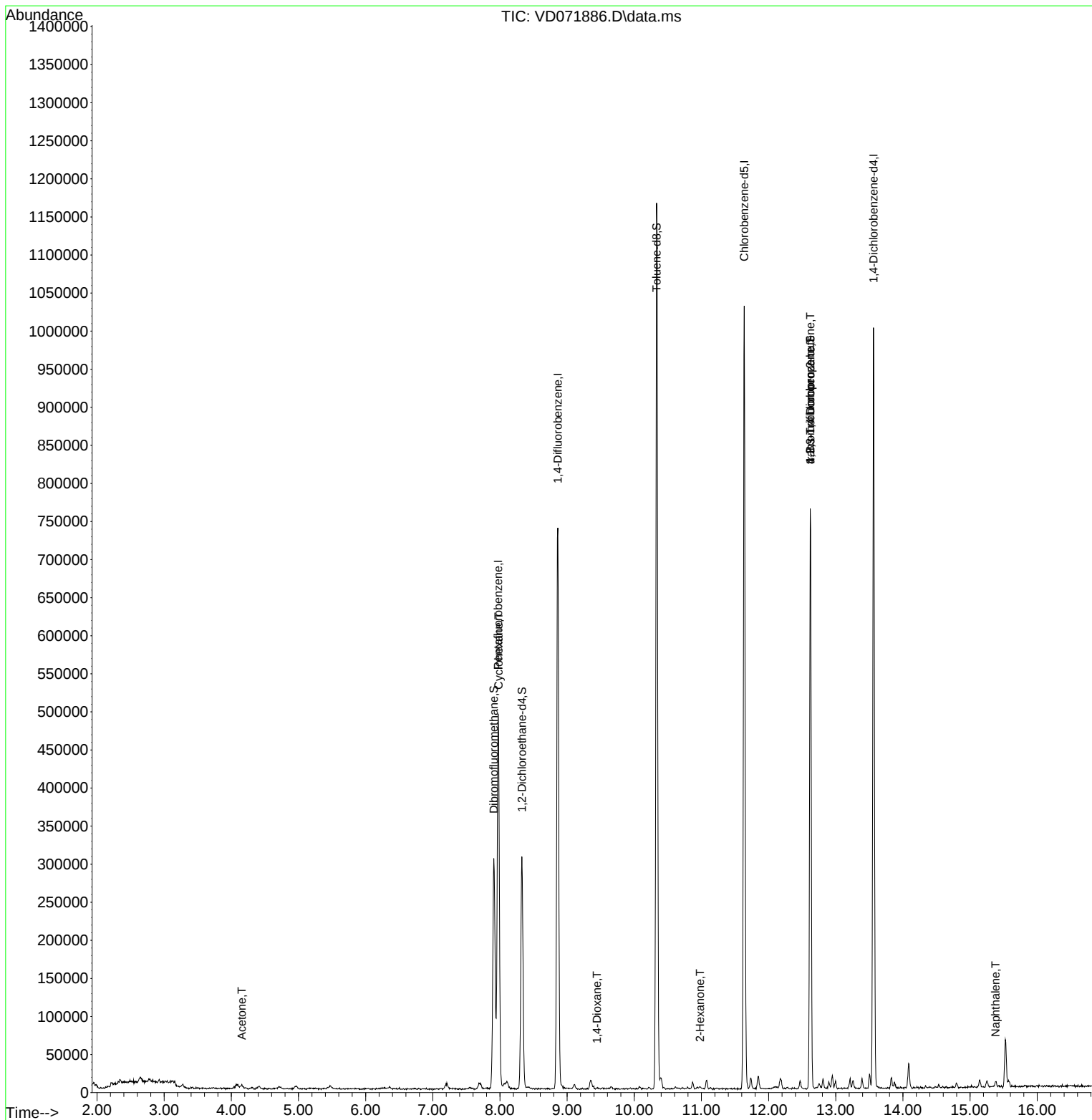
Quant Time: Feb 03 12:08:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

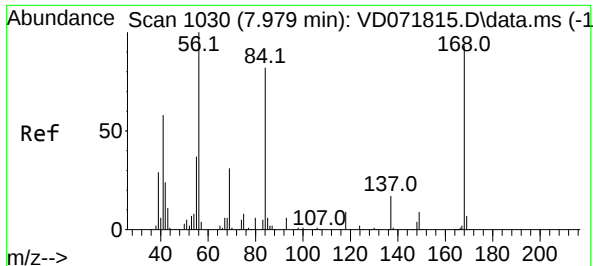
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.973	168	333473	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	594390	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	542851	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	241077	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	246529	58.489	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 116.980%			
35) Dibromofluoromethane	7.909	113	215939	55.268	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.540%			
50) Toluene-d8	10.332	98	750222	51.414	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.820%			
62) 4-Bromofluorobenzene	12.620	95	243090	47.706	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 95.420%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.209	59	341	Below Cal	#	74
16) Acetone	4.156	43	9213	7.985	ug/l #	88
20) Methylene Chloride	4.956	84	1983	Below Cal	#	46
31) Cyclohexane	7.979	56	11907	1.480	ug/l #	12
49) 1,4-Dioxane	9.444	88	357	12.798	ug/l #	34
59) 2-Hexanone	10.979	43	2318	1.089	ug/l	78
76) 1,2,3-Trichloropropane	12.620	75	138656	54.575	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	138656	134.187	ug/l #	7
95) Naphthalene	15.379	128	6077	2.158	ug/l #	92

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

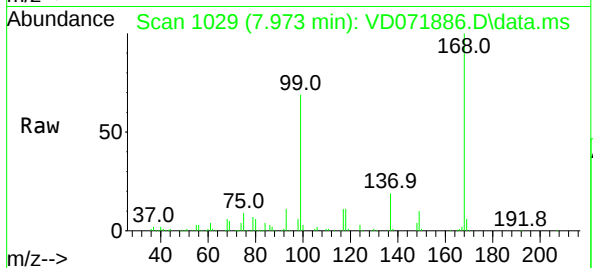
Quant Time: Feb 03 12:08:27 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 27 06:04:38 2022
Response via : Initial Calibration



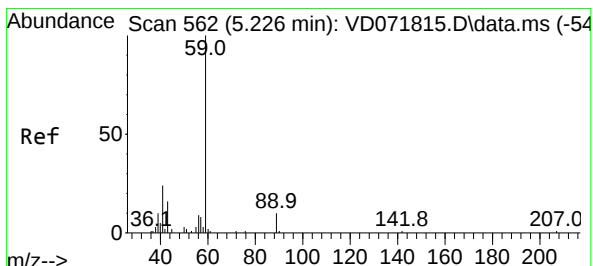
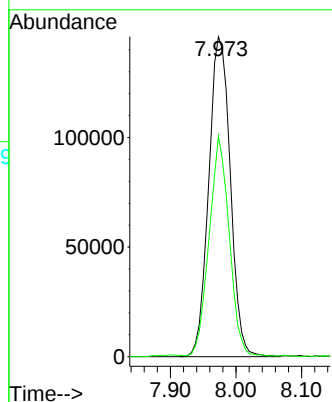
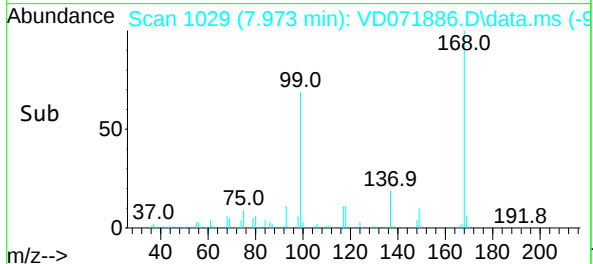


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071886.D
Acq: 03 Feb 2022 11:05

Instrument :
MSVOA_D
ClientSampleId :

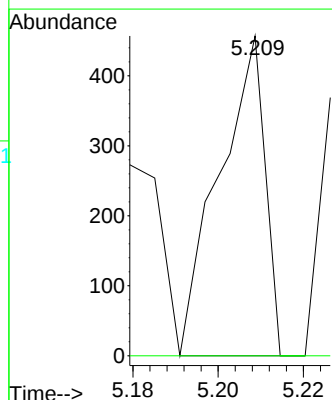
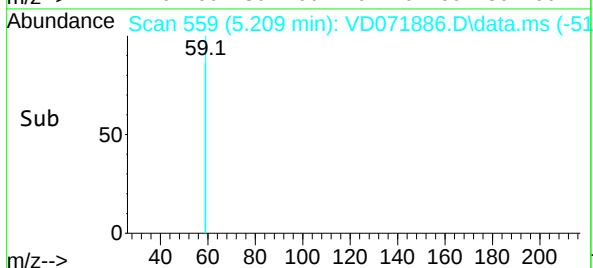
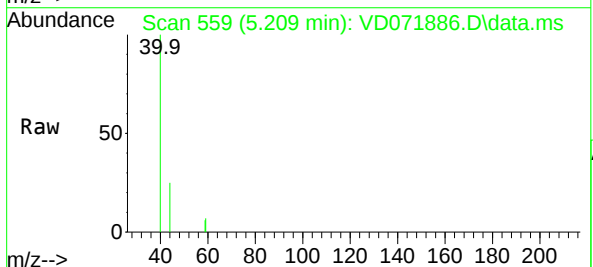


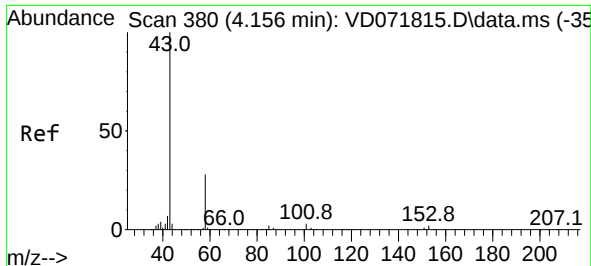
Tgt Ion:168 Resp: 333473
Ion Ratio Lower Upper
168 100
99 68.7 49.8 74.6



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.209 min Scan# 559
Delta R.T. -0.012 min
Lab File: VD071886.D
Acq: 03 Feb 2022 11:05

Tgt Ion: 59 Resp: 341
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

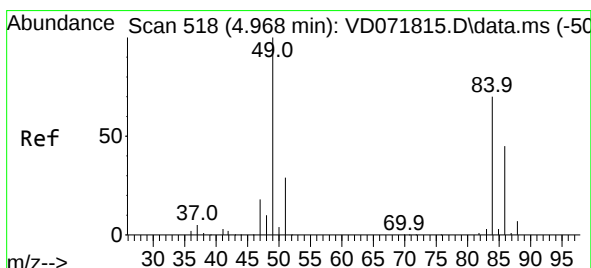
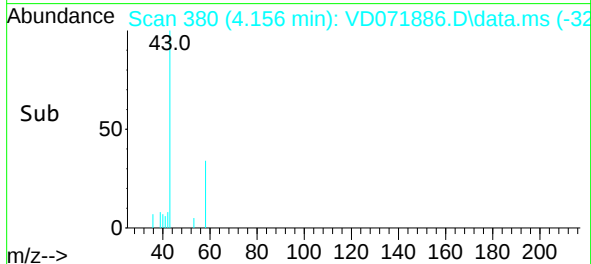
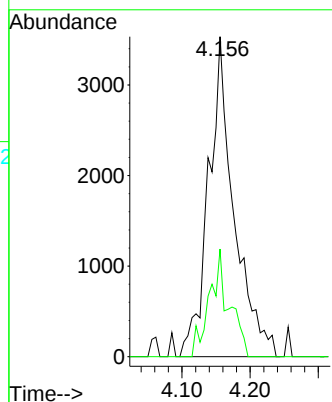
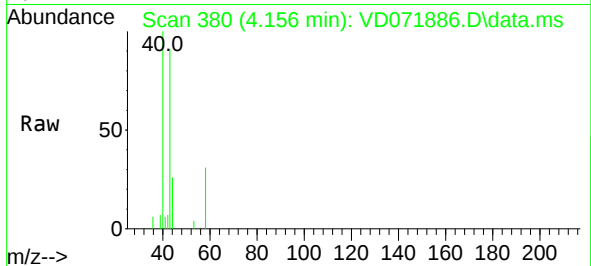




#16
Acetone
Concen: 7.985 ug/l
RT: 4.156 min Scan# 31
Delta R.T. 0.000 min
Lab File: VD071886.D
Acq: 03 Feb 2022 11:05

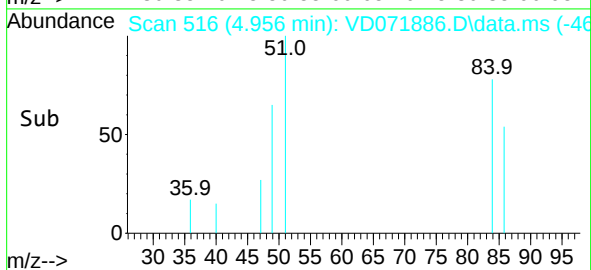
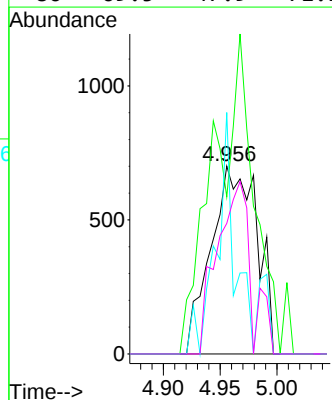
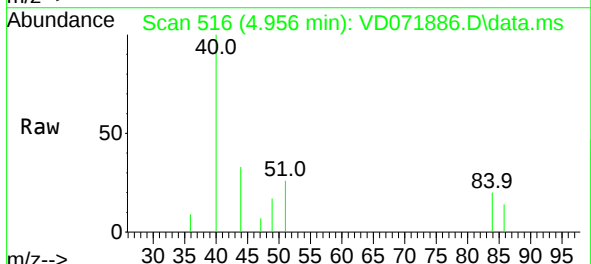
Instrument :
MSVOA_D
ClientSampleId :

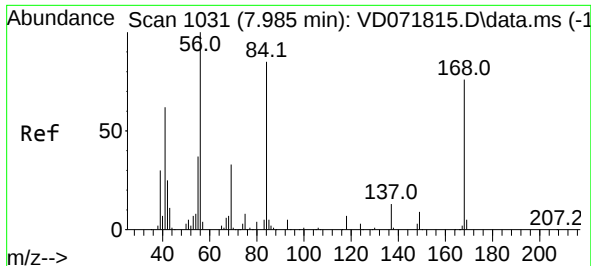
Tgt Ion: 43 Resp: 9213
Ion Ratio Lower Upper
43 100
58 33.7 22.1 33.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 516
Delta R.T. -0.012 min
Lab File: VD071886.D
Acq: 03 Feb 2022 11:05

Tgt Ion: 84 Resp: 1983
Ion Ratio Lower Upper
84 100
49 83.6 112.8 169.2#
51 128.5 32.6 48.8#
86 69.5 47.9 71.9





#31

Cyclohexane

Concen: 1.480 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.006 min

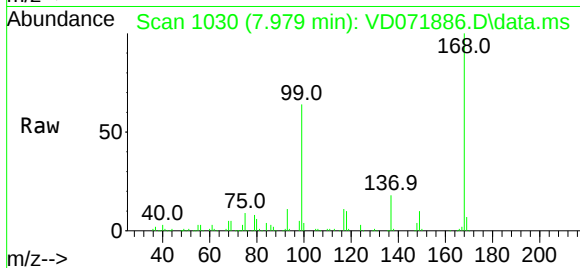
Lab File: VD071886.D

Acq: 03 Feb 2022 11:05

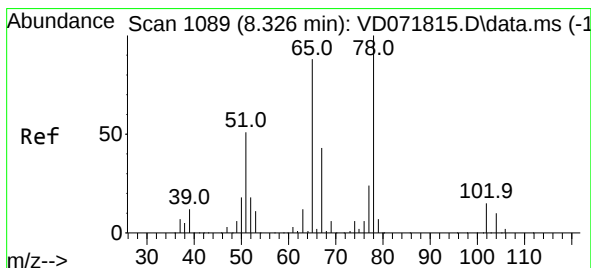
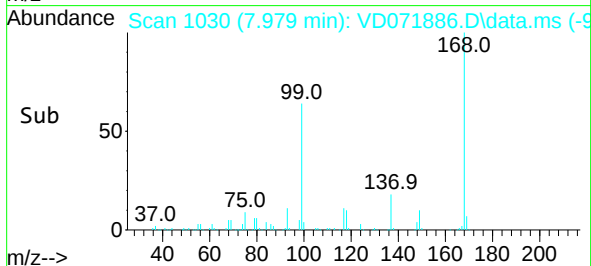
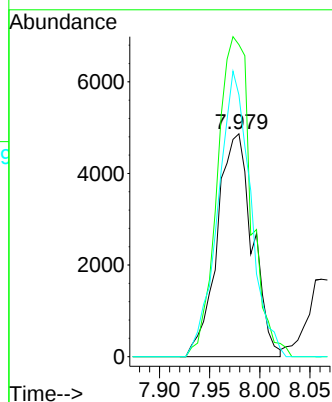
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 56	Resp: 11907
Ion Ratio	Lower Upper
56	100
69	140.0 25.4 38.2#
84	117.4 63.0 94.4#



#33

1,2-Dichloroethane-d4

Concen: 58.489 ug/l

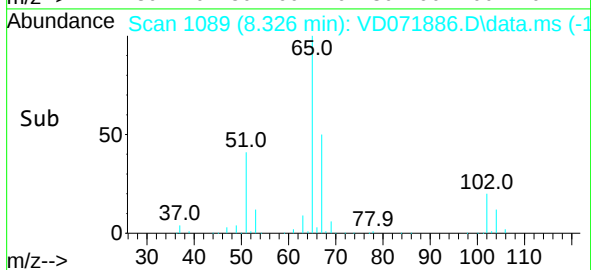
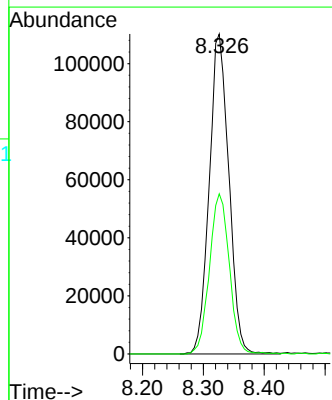
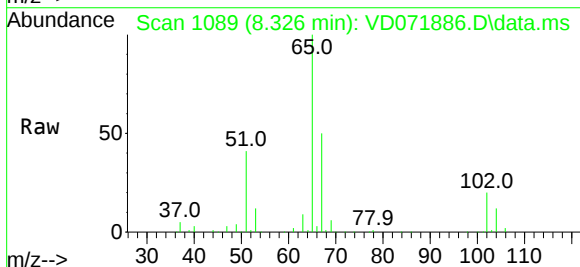
RT: 8.326 min Scan# 1089

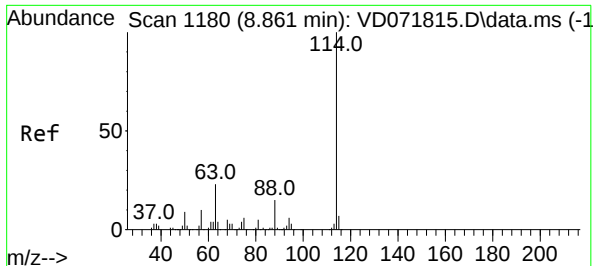
Delta R.T. 0.000 min

Lab File: VD071886.D

Acq: 03 Feb 2022 11:05

Tgt Ion: 65	Resp: 246529
Ion Ratio	Lower Upper
65	100
67	50.4 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: VD071886.D

Acq: 03 Feb 2022 11:05

Instrument :

MSVOA_D

ClientSampleId :

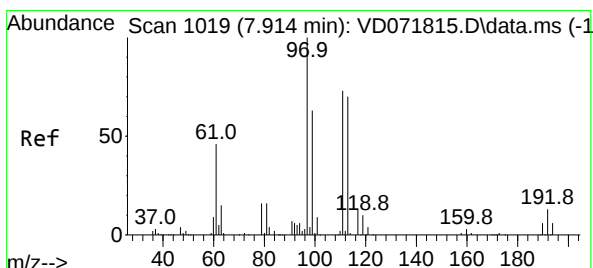
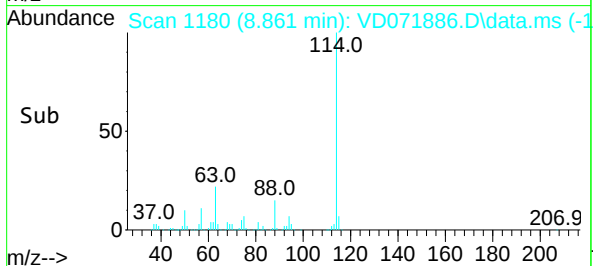
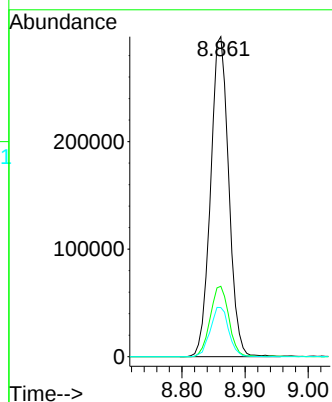
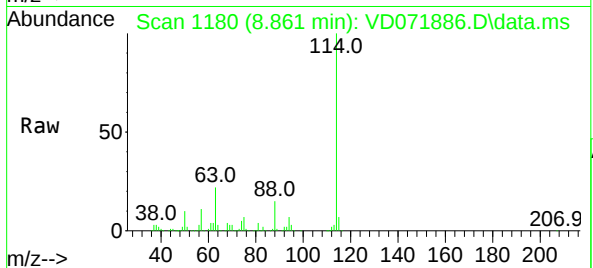
Tgt Ion:114 Resp: 594390

Ion Ratio Lower Upper

114 100

63 22.0 0.0 46.6

88 15.4 0.0 33.2



#35

Dibromofluoromethane

Concen: 55.268 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD071886.D

Acq: 03 Feb 2022 11:05

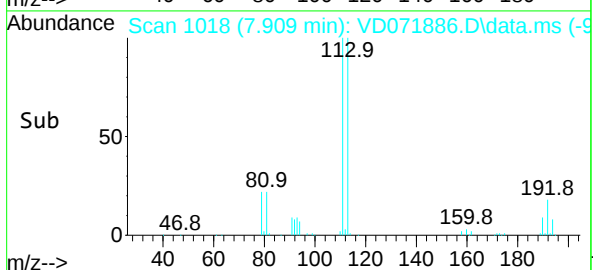
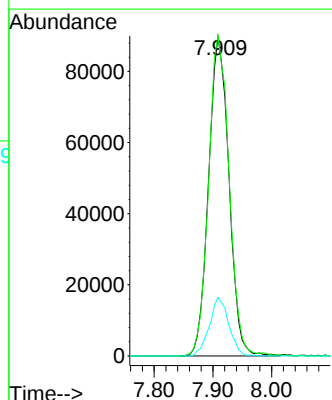
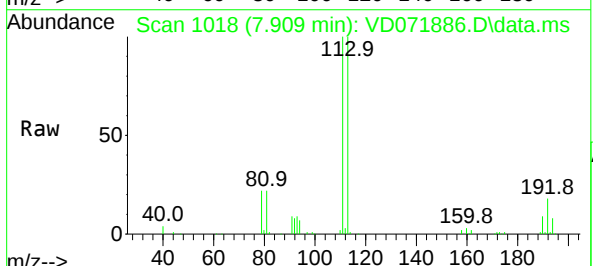
Tgt Ion:113 Resp: 215939

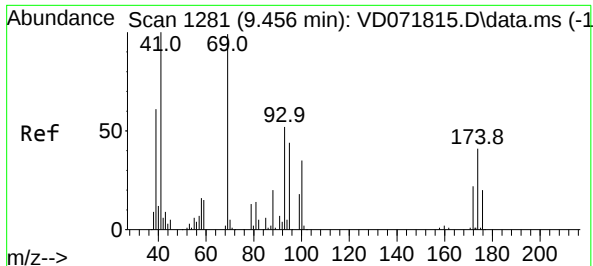
Ion Ratio Lower Upper

113 100

111 101.8 83.8 125.6

192 17.5 14.6 21.8





#49

1,4-Dioxane

Concen: 12.798 ug/l

RT: 9.444 min Scan# 11

Delta R.T. -0.018 min

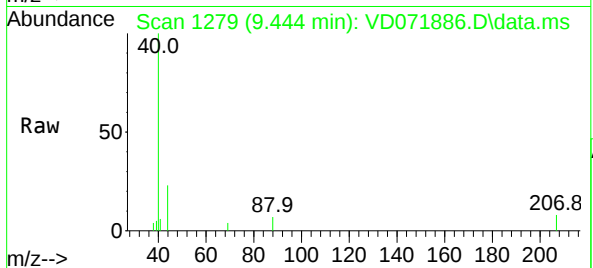
Lab File: VD071886.D

Acq: 03 Feb 2022 11:05

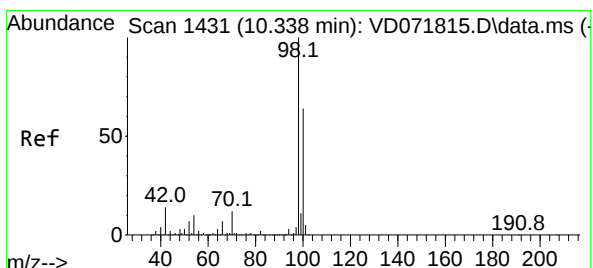
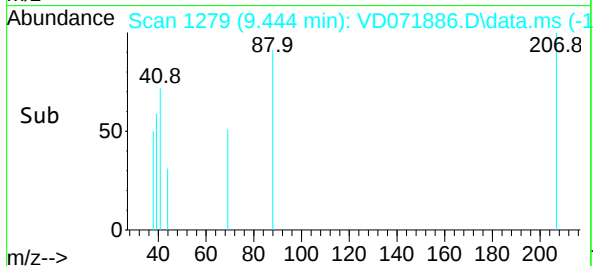
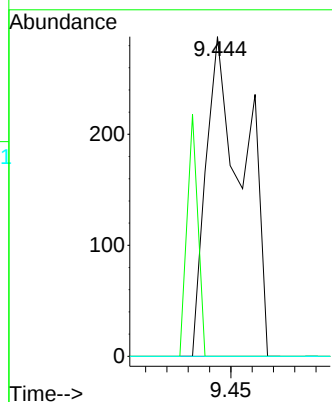
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	88	Resp:	357
Ion	Ratio	Lower	Upper
88	100		
43	21.6	31.0	46.4#
58	0.0	58.1	87.1#



#50

Toluene-d8

Concen: 51.414 ug/l

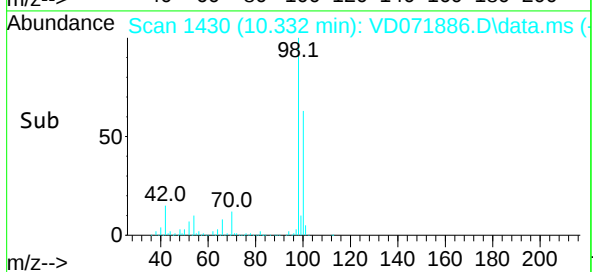
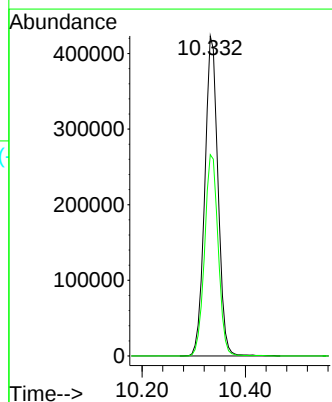
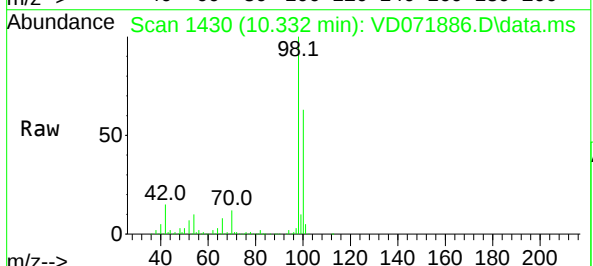
RT: 10.332 min Scan# 1430

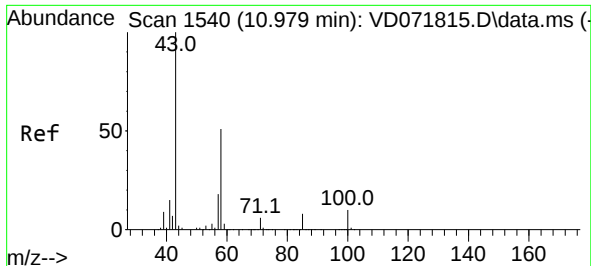
Delta R.T. -0.006 min

Lab File: VD071886.D

Acq: 03 Feb 2022 11:05

Tgt Ion:	98	Resp:	750222
Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.4	78.6

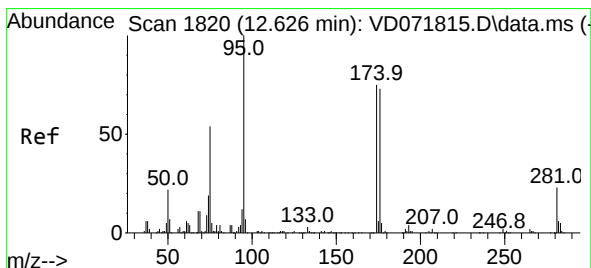
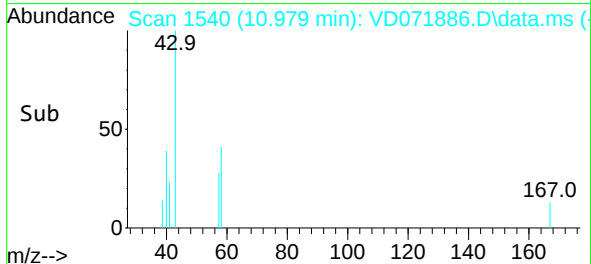
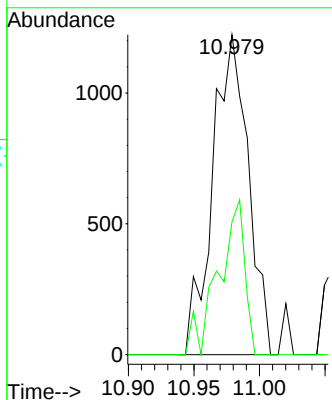
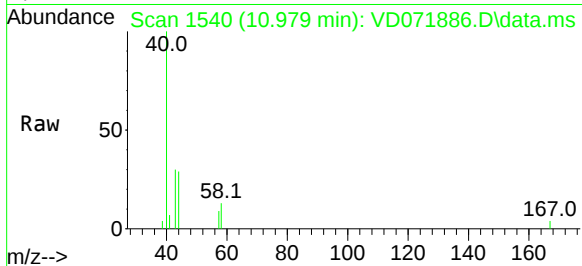




#59
2-Hexanone
Concen: 1.089 ug/l
RT: 10.979 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD071886.D
Acq: 03 Feb 2022 11:05

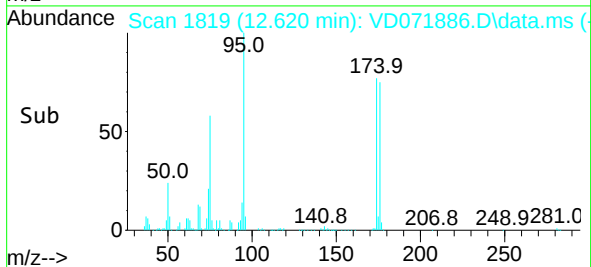
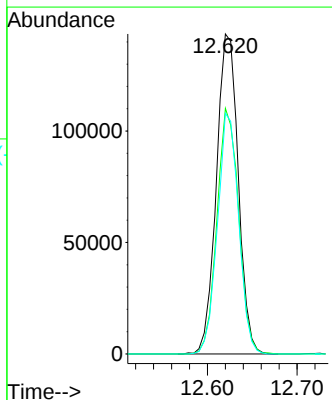
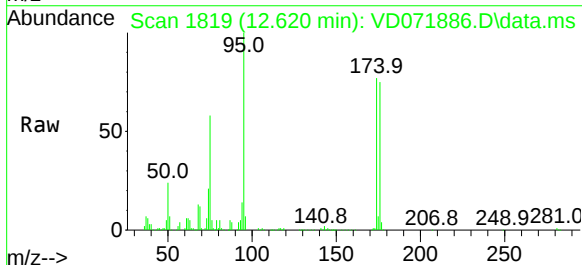
Instrument :
MSVOA_D
ClientSampleId :

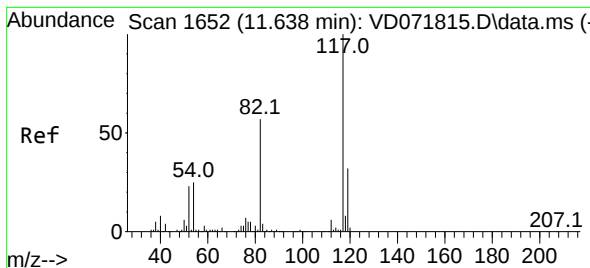
Tgt Ion: 43 Resp: 2318
Ion Ratio Lower Upper
43 100
58 35.6 25.3 75.9



#62
4-Bromofluorobenzene
Concen: 47.706 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071886.D
Acq: 03 Feb 2022 11:05

Tgt Ion: 95 Resp: 243090
Ion Ratio Lower Upper
95 100
174 76.0 0.0 152.8
176 72.8 0.0 145.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.638 min Scan# 1

Delta R.T. 0.000 min

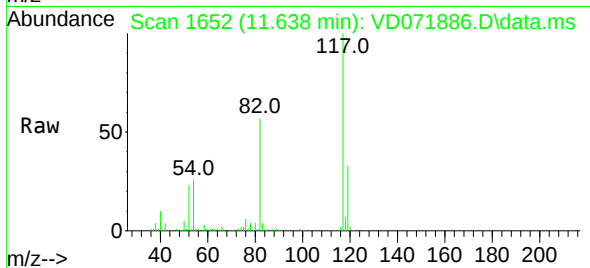
Lab File: VD071886.D

Acq: 03 Feb 2022 11:05

Instrument :

MSVOA_D

ClientSampleId :



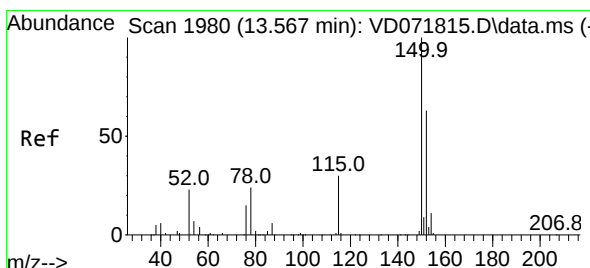
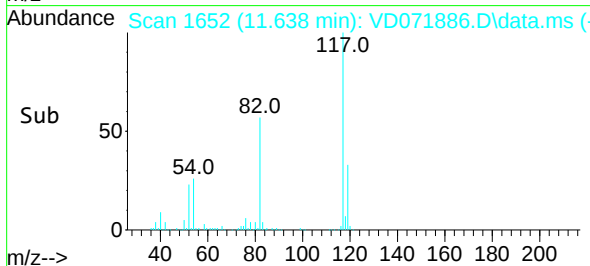
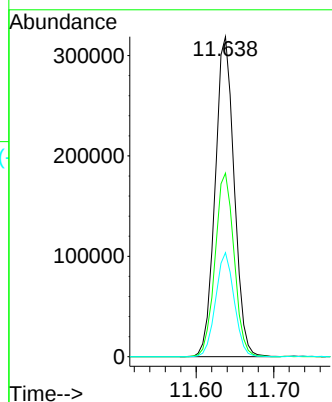
Tgt Ion:117 Resp: 542851

Ion Ratio Lower Upper

117 100

82 57.4 45.3 67.9

119 32.5 26.6 40.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.561 min Scan# 1979

Delta R.T. -0.006 min

Lab File: VD071886.D

Acq: 03 Feb 2022 11:05

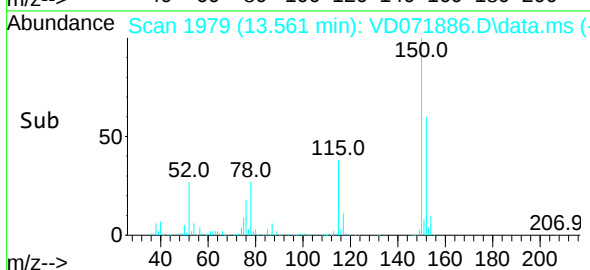
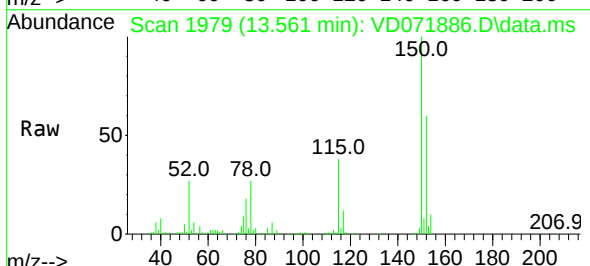
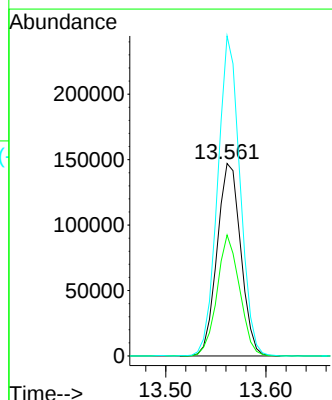
Tgt Ion:152 Resp: 241077

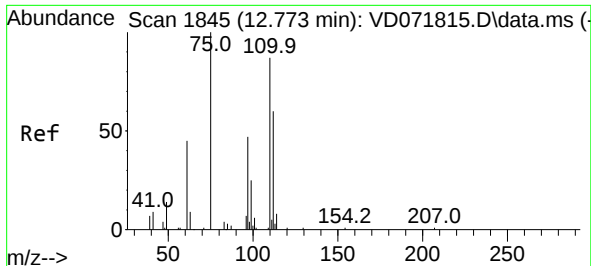
Ion Ratio Lower Upper

152 100

115 59.9 31.3 93.8

150 157.2 0.0 348.6

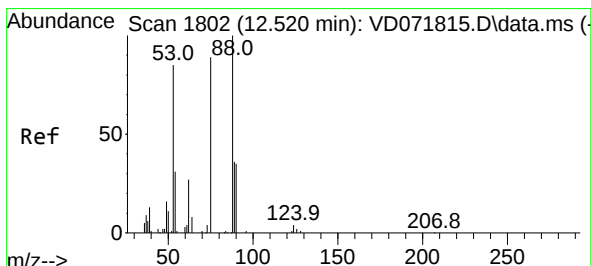
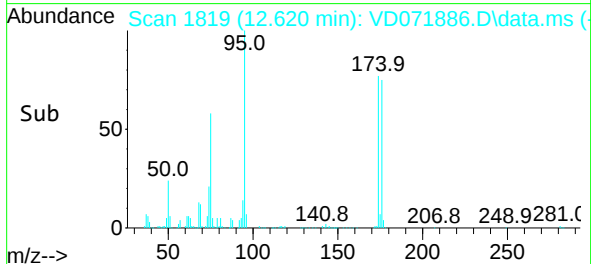
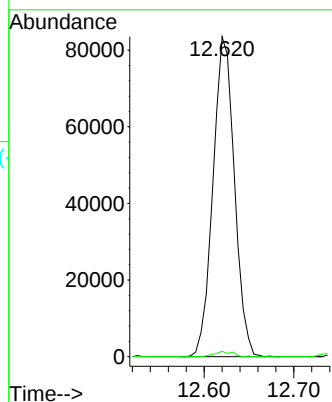
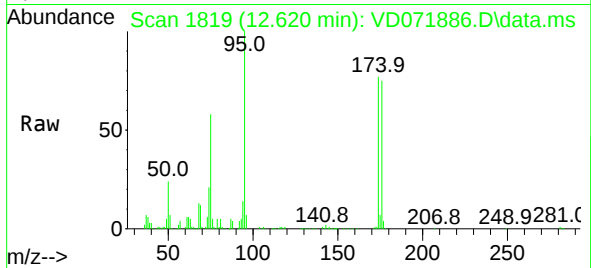




#76
1,2,3-Trichloropropane
Concen: 54.575 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD071886.D
Acq: 03 Feb 2022 11:05

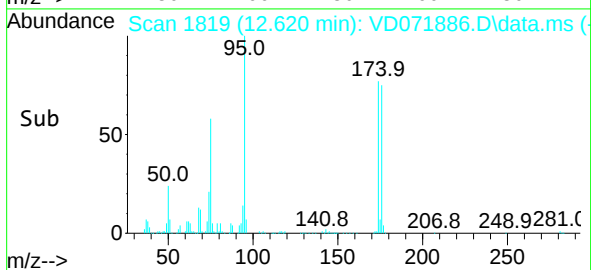
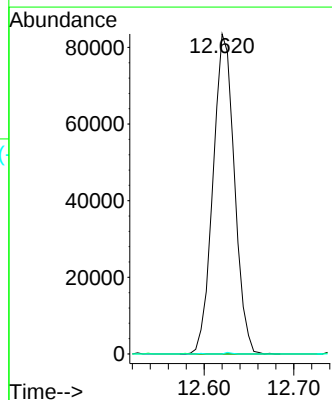
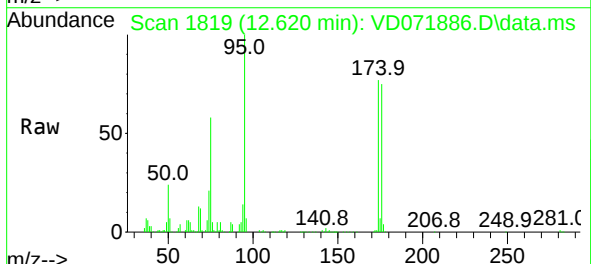
Instrument :
MSVOA_D
ClientSampleId :

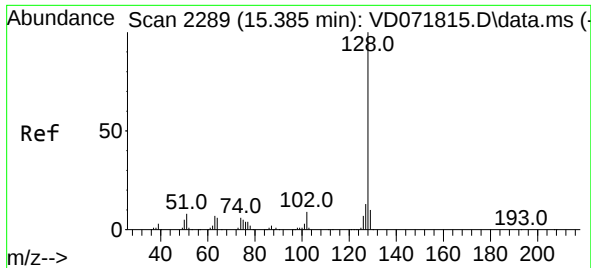
Tgt Ion: 75 Resp: 138656
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 134.187 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD071886.D
Acq: 03 Feb 2022 11:05

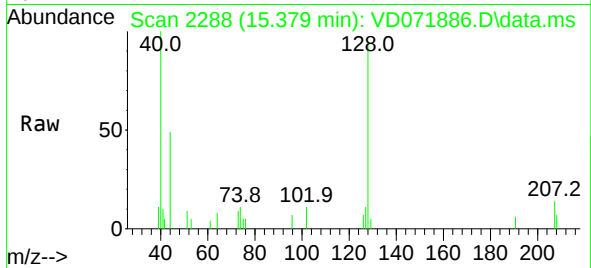
Tgt Ion: 75 Resp: 138656
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.2 33.9 50.9#





#95
Naphthalene
Concen: 2.158 ug/l
RT: 15.379 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD071886.D
Acq: 03 Feb 2022 11:05

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:128 Resp: 6077
Ion Ratio Lower Upper
128 100
127 14.9 10.3 15.5
129 6.1 8.4 12.6#

