

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021622\
 Data File : VD071998.D
 Acq On : 16 Feb 2022 18:19
 Operator : VA/SY
 Sample : N1564-01
 Misc : 5.14G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2

Quant Time: Feb 17 00:50:46 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)

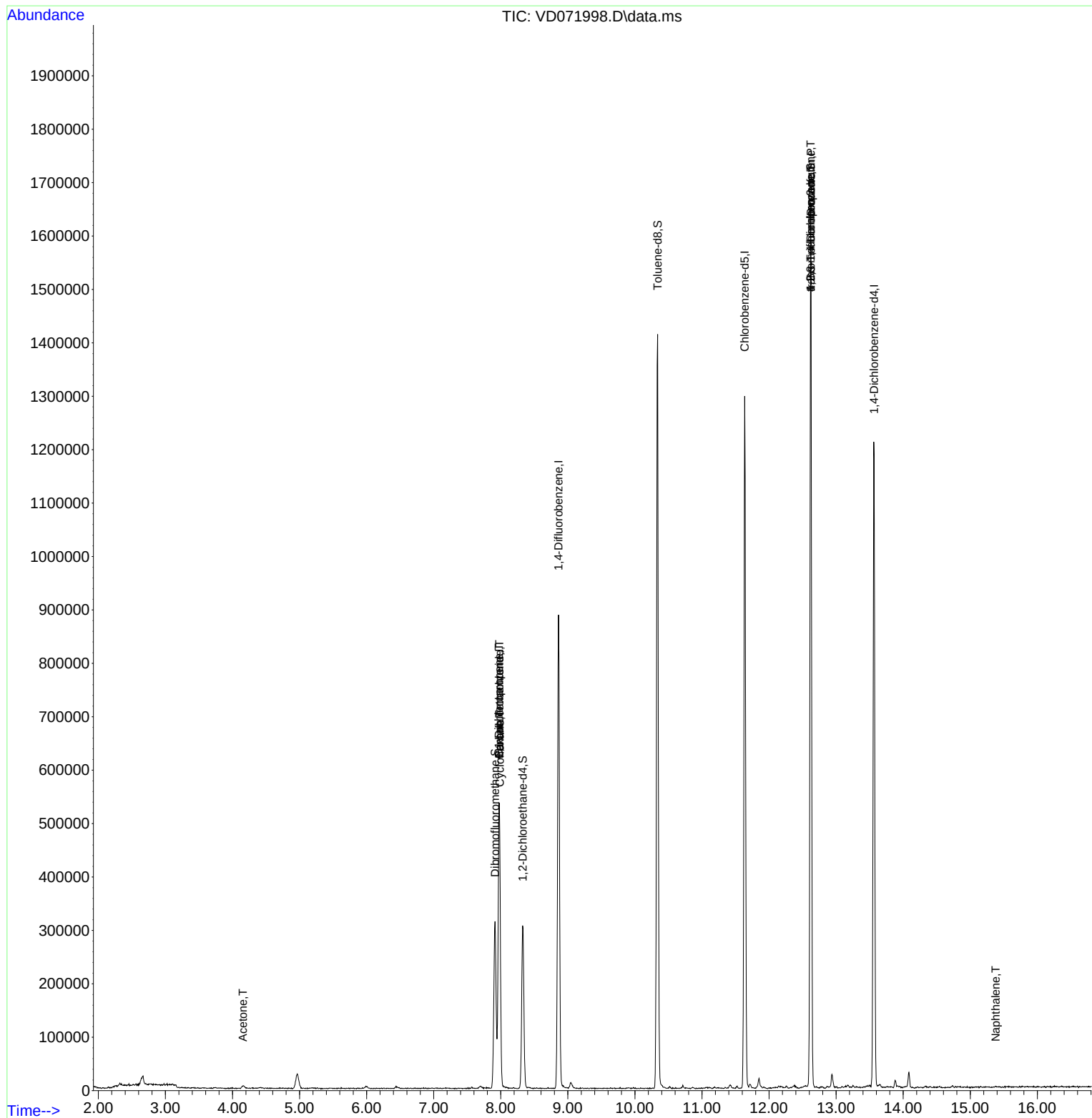
Internal Standards						
1) Pentafluorobenzene	7.979	168	368675	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	689312	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	663617	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	294560	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	245657	52.718	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.440%
35) Dibromofluoromethane	7.914	113	220124	48.581	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.160%
50) Toluene-d8	10.337	98	883707	52.223	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.440%
62) 4-Bromofluorobenzene	12.620	95	319668	54.095	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	108.200%
Target Compounds						Qvalue
11) Tert butyl alcohol	5.220	59	298	Below Cal	#	74
16) Acetone	4.155	43	8458	6.631	ug/l	91
31) Cyclohexane	7.985	56	10752	1.209	ug/l #	1
36) 1,1-Dichloropropene	7.973	75	36662	4.714	ug/l #	51
38) Carbon Tetrachloride	7.979	117	42403	5.513	ug/l #	18
71) Bromoform	12.626	173	3063	1.123	ug/l #	1
76) 1,2,3-Trichloropropane	12.620	75	191004	61.529	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	191004	151.285	ug/l #	8
95) Naphthalene	15.378	128	1095	1.558	ug/l #	76

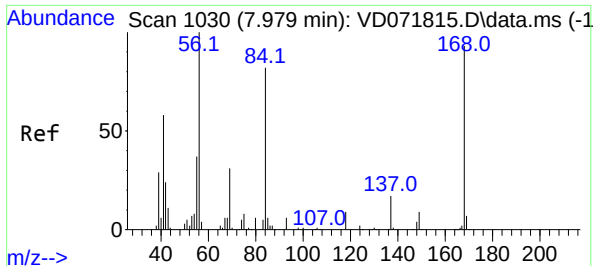
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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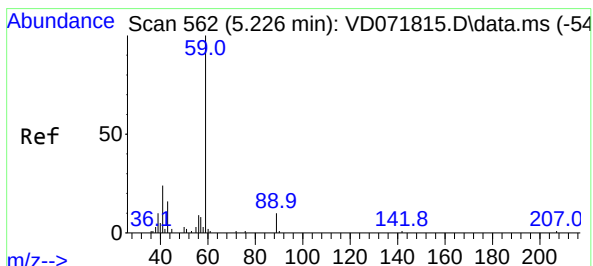
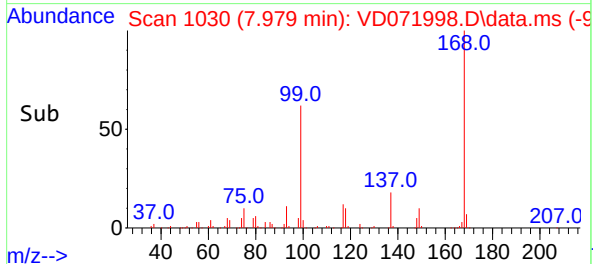
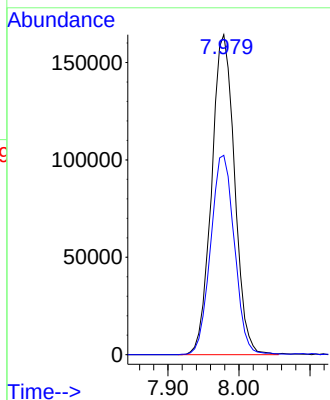
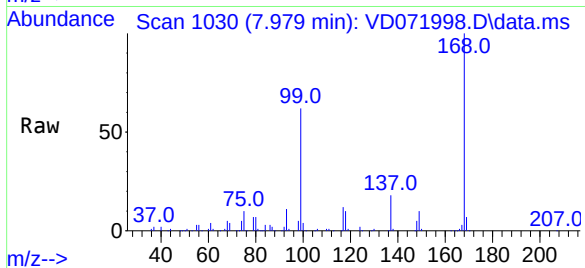




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. -0.000 min
Lab File: VD071998.D
Acq: 16 Feb 2022 18:19

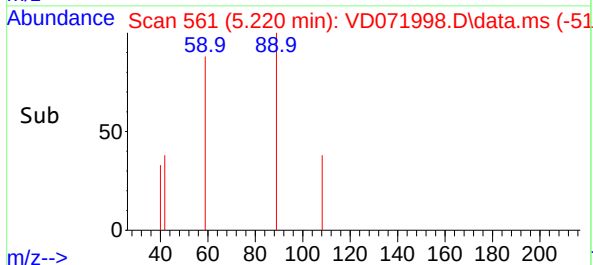
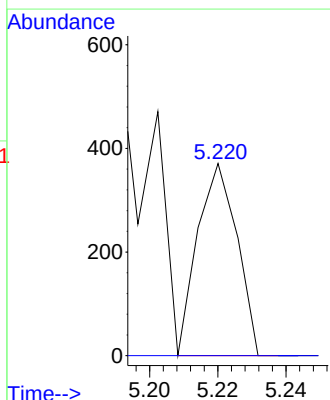
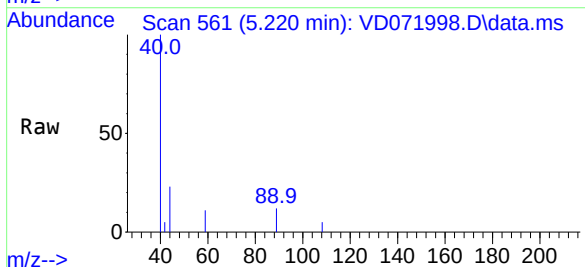
Instrument :
MSVOA_D
ClientSampleId :
TP-2

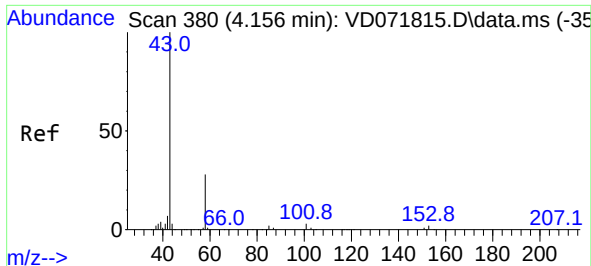
Tgt Ion:168 Resp: 368675
Ion Ratio Lower Upper
168 100
99 62.3 49.8 74.6



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.220 min Scan# 561
Delta R.T. -0.000 min
Lab File: VD071998.D
Acq: 16 Feb 2022 18:19

Tgt Ion: 59 Resp: 298
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

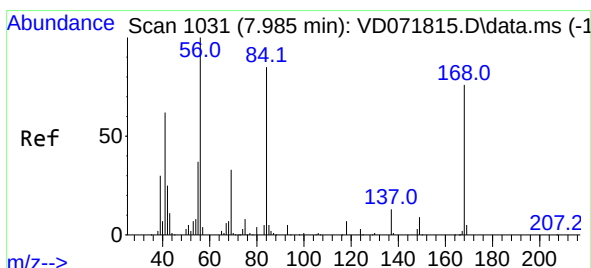
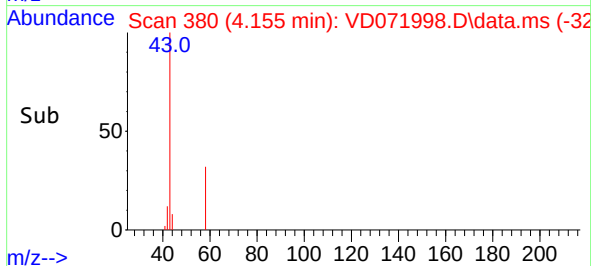
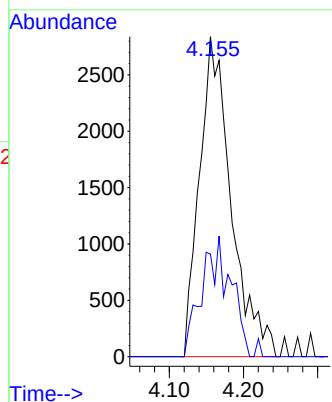
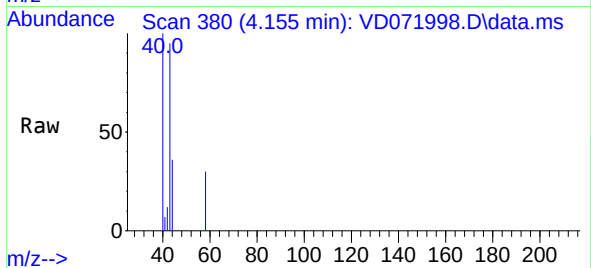




#16
Acetone
Concen: 6.631 ug/l
RT: 4.155 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD071998.D
Acq: 16 Feb 2022 18:19

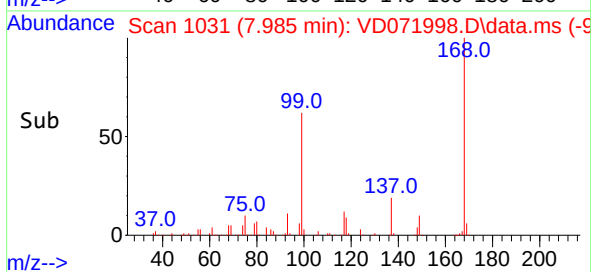
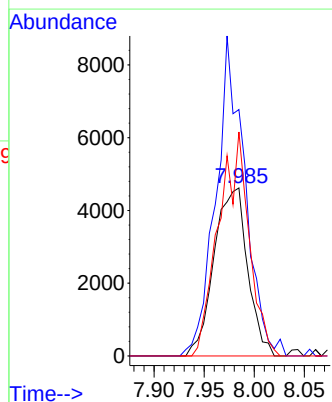
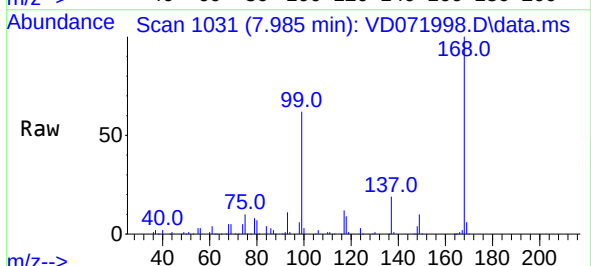
Instrument :
MSVOA_D
ClientSampleId :
TP-2

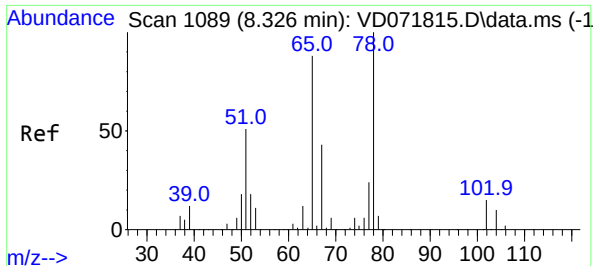
Tgt Ion: 43 Resp: 8458
Ion Ratio Lower Upper
43 100
58 32.1 22.1 33.1



#31
Cyclohexane
Concen: 1.209 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD071998.D
Acq: 16 Feb 2022 18:19

Tgt Ion: 56 Resp: 10752
Ion Ratio Lower Upper
56 100
69 146.7 25.4 38.2#
84 133.3 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 52.718 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD071998.D

Acq: 16 Feb 2022 18:19

Instrument :

MSVOA_D

ClientSampleId :

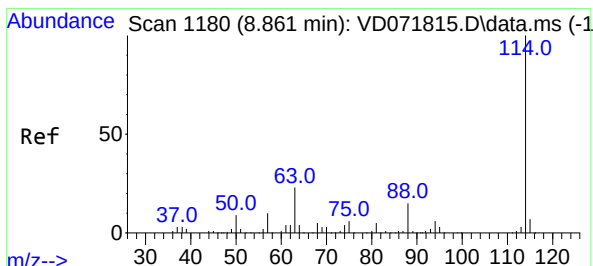
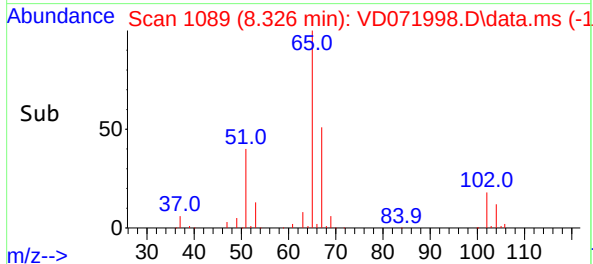
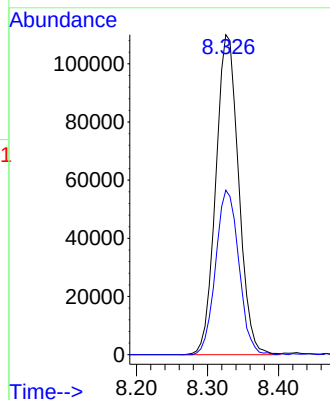
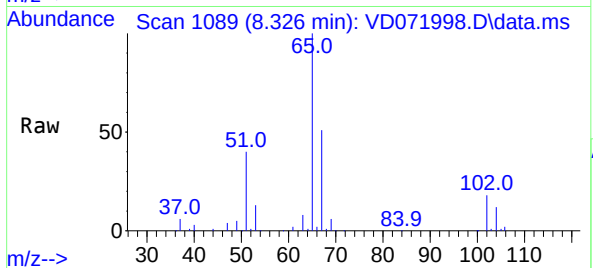
TP-2

Tgt Ion: 65 Resp: 245657

Ion Ratio Lower Upper

65 100

67 52.1 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: VD071998.D

Acq: 16 Feb 2022 18:19

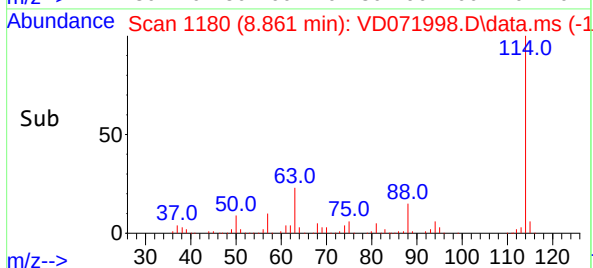
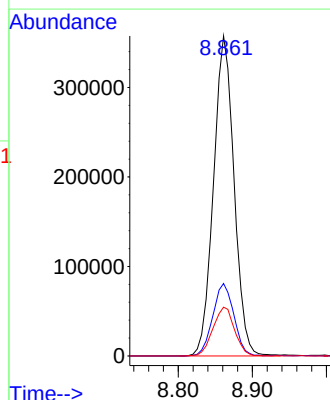
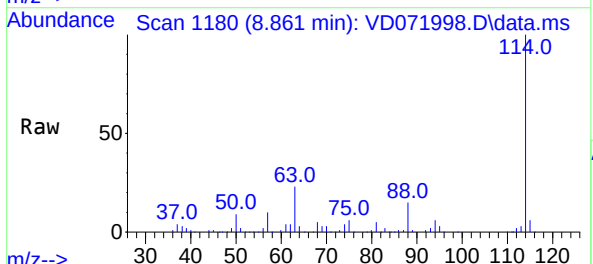
Tgt Ion: 114 Resp: 689312

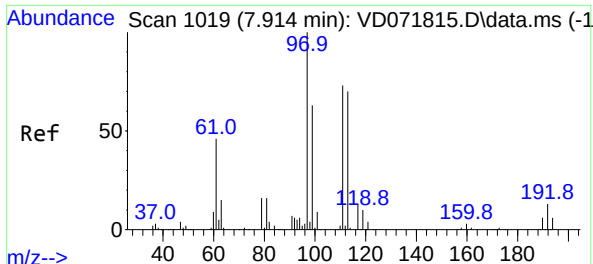
Ion Ratio Lower Upper

114 100

63 22.7 0.0 46.6

88 15.2 0.0 33.2

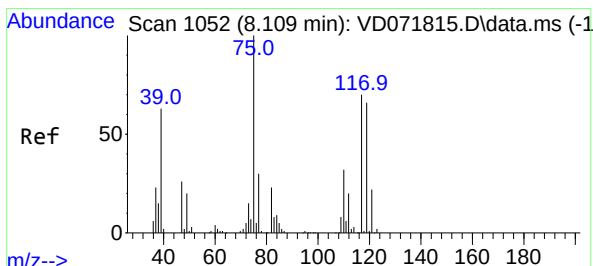
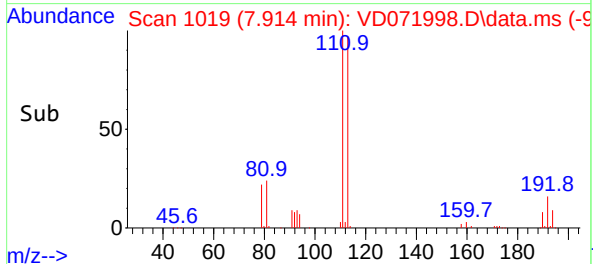
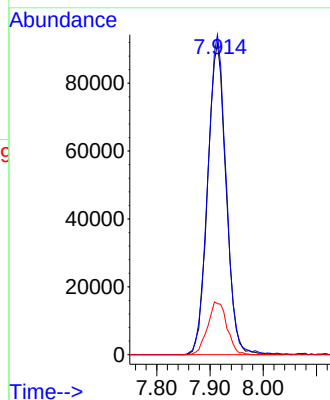
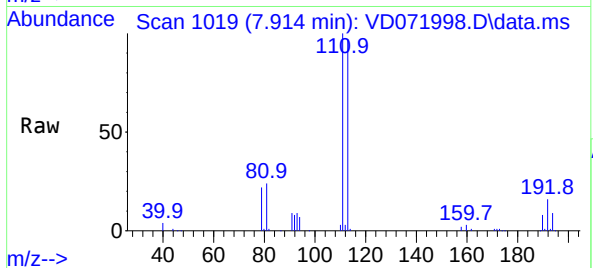




#35
Dibromofluoromethane
Concen: 48.581 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD071998.D
Acq: 16 Feb 2022 18:19

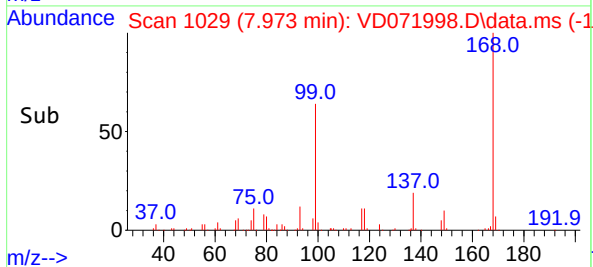
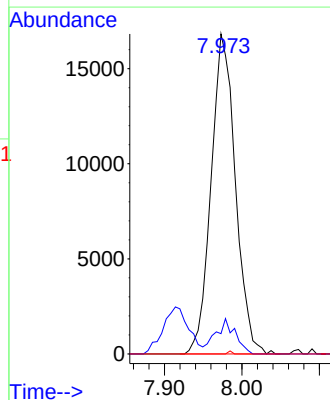
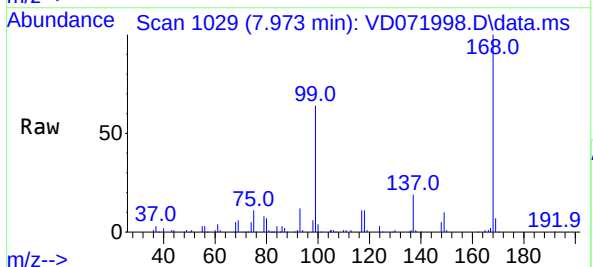
Instrument :
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ClientSampleId :
TP-2

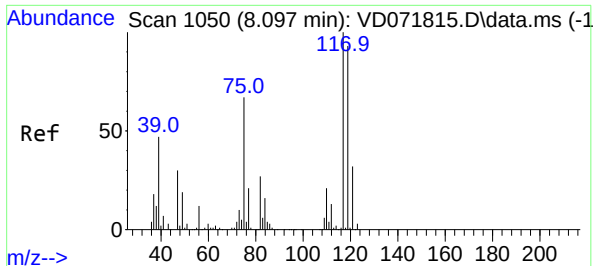
Tgt Ion:113 Resp: 220124
Ion Ratio Lower Upper
113 100
111 102.4 83.8 125.6
192 17.7 14.6 21.8



#36
1,1-Dichloropropene
Concen: 4.714 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.142 min
Lab File: VD071998.D
Acq: 16 Feb 2022 18:19

Tgt Ion: 75 Resp: 36662
Ion Ratio Lower Upper
75 100
110 8.9 16.4 49.1#
77 0.2 24.2 36.2#

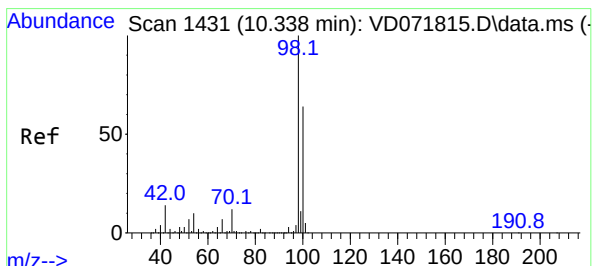
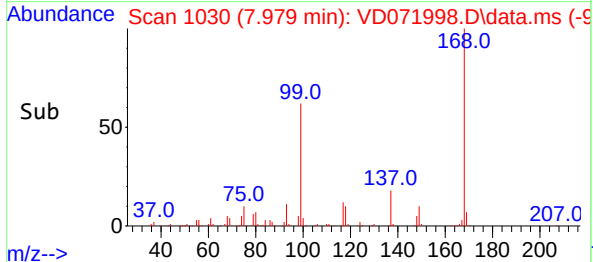
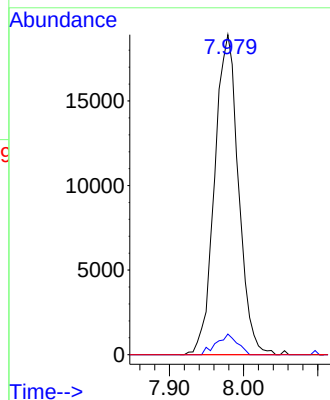
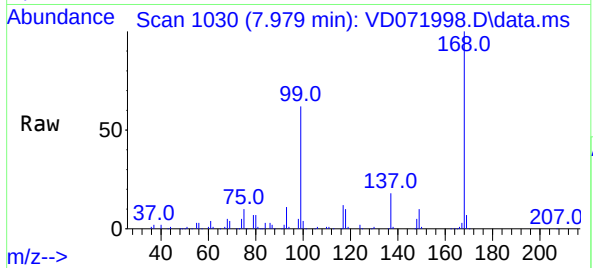




#38
Carbon Tetrachloride
Concen: 5.513 ug/l
RT: 7.979 min Scan# 1050
Delta R.T. -0.118 min
Lab File: VD071998.D
Acq: 16 Feb 2022 18:19

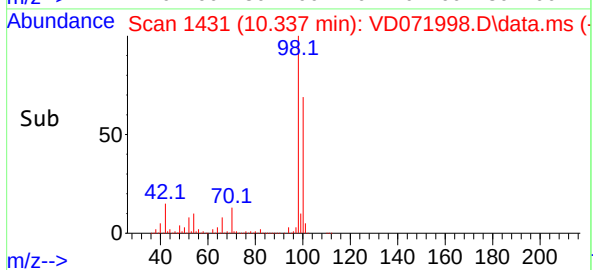
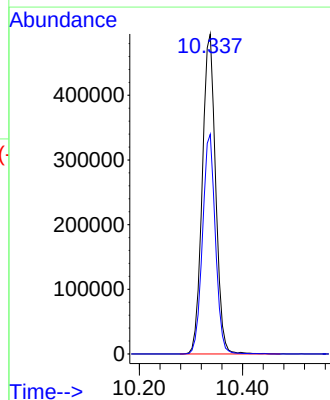
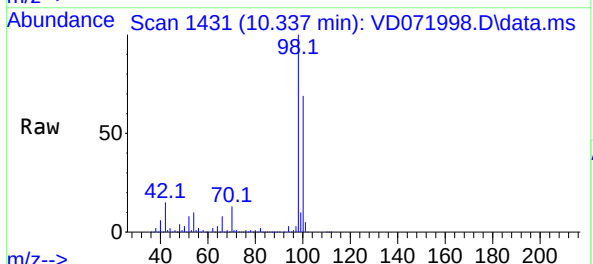
Instrument :
MSVOA_D
ClientSampleId :
TP-2

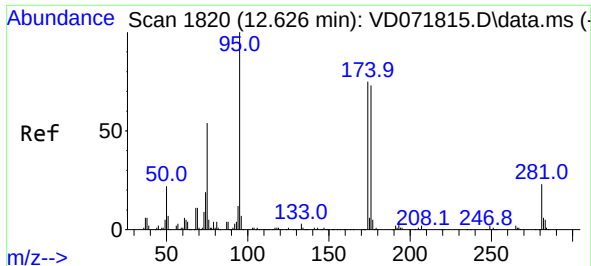
Tgt Ion:117 Resp: 42403
Ion Ratio Lower Upper
117 100
119 6.4 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 52.223 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071998.D
Acq: 16 Feb 2022 18:19

Tgt Ion: 98 Resp: 883707
Ion Ratio Lower Upper
98 100
100 66.4 52.4 78.6

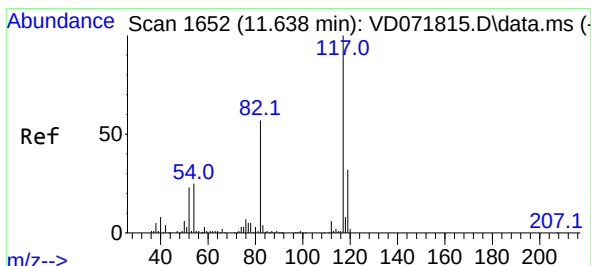
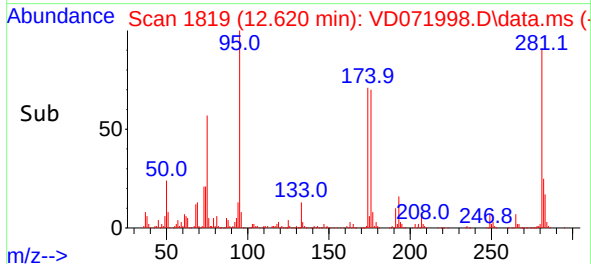
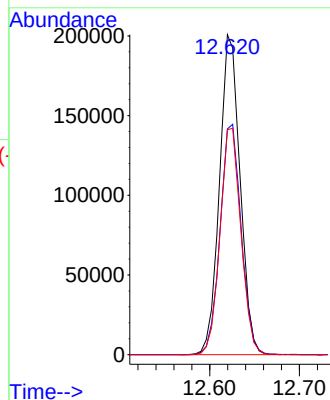
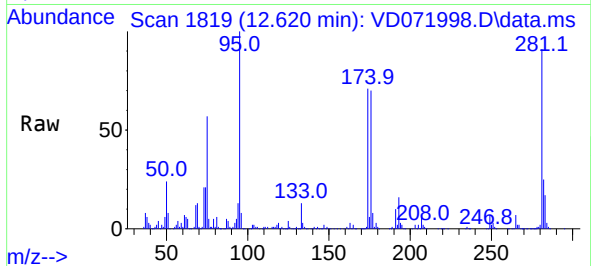




#62
4-Bromofluorobenzene
Concen: 54.095 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071998.D
Acq: 16 Feb 2022 18:19

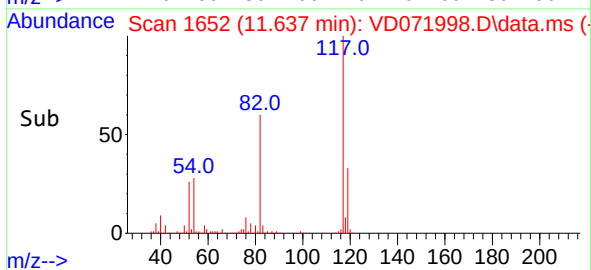
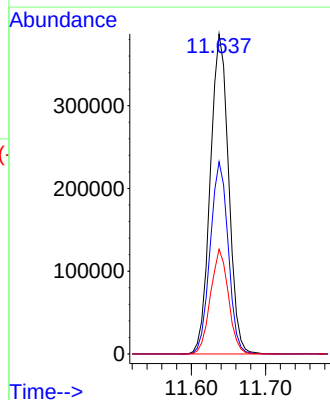
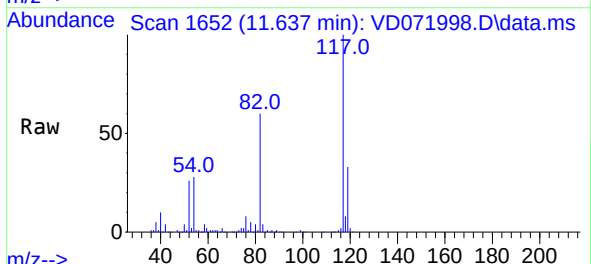
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ClientSampleId :
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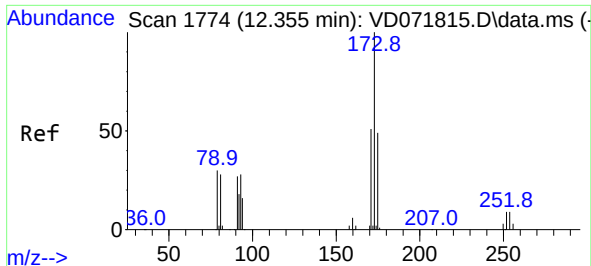
Tgt Ion: 95 Resp: 319668
Ion Ratio Lower Upper
95 100
174 73.9 0.0 152.8
176 71.6 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071998.D
Acq: 16 Feb 2022 18:19

Tgt Ion: 117 Resp: 663617
Ion Ratio Lower Upper
117 100
82 60.0 45.3 67.9
119 32.7 26.6 40.0

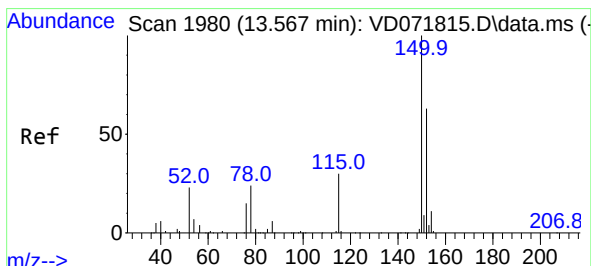
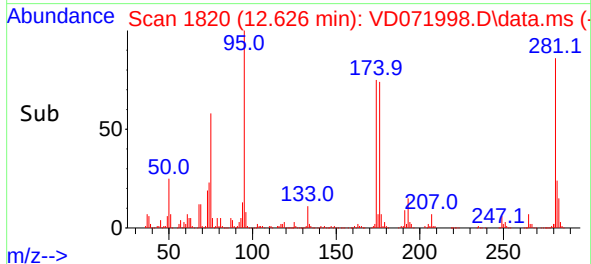
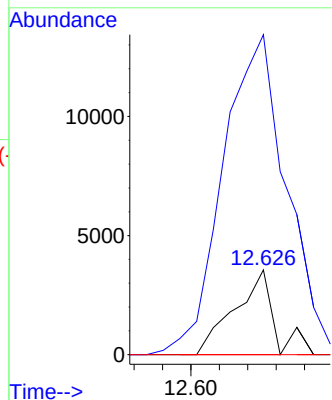
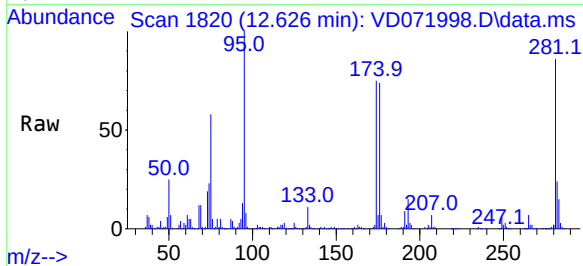




#71
Bromoform
Concen: 1.123 ug/l
RT: 12.626 min Scan# 11
Delta R.T. 0.270 min
Lab File: VD071998.D
Acq: 16 Feb 2022 18:19

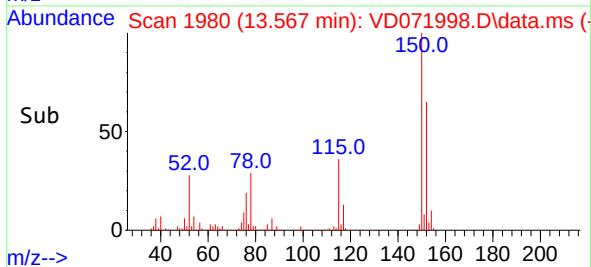
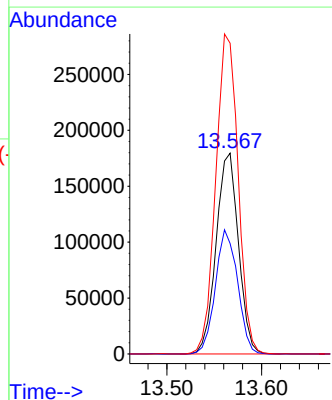
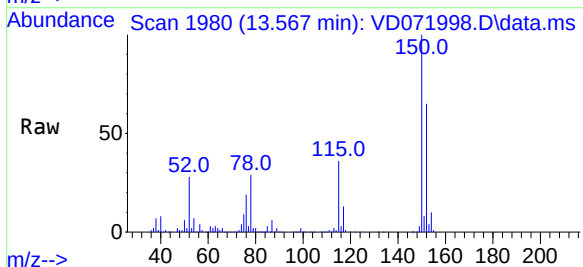
Instrument :
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ClientSampleId :
TP-2

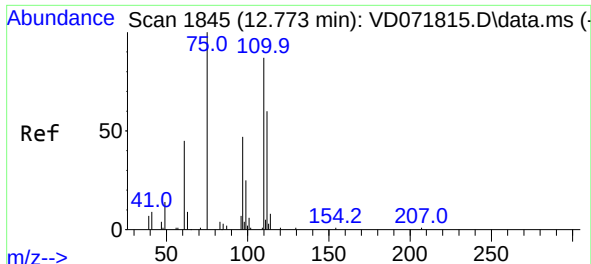
Tgt Ion:173 Resp: 3063
Ion Ratio Lower Upper
173 100
175 584.2 23.9 71.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071998.D
Acq: 16 Feb 2022 18:19

Tgt Ion:152 Resp: 294560
Ion Ratio Lower Upper
152 100
115 61.4 31.3 93.8
150 159.3 0.0 348.6

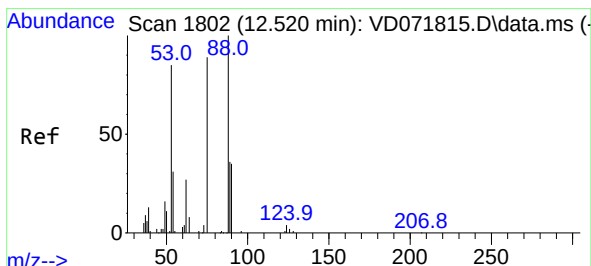
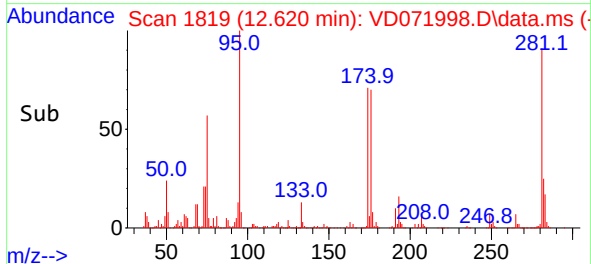
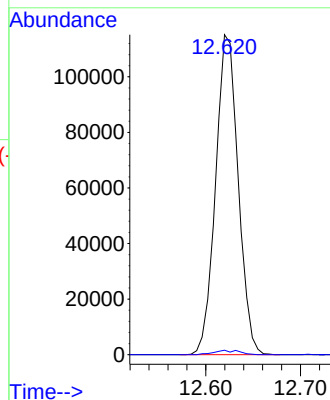
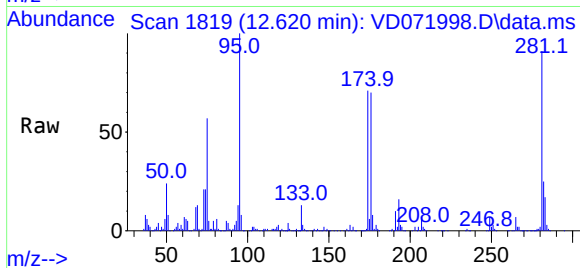




#76
1,2,3-Trichloropropane
Concen: 61.529 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD071998.D
Acq: 16 Feb 2022 18:19

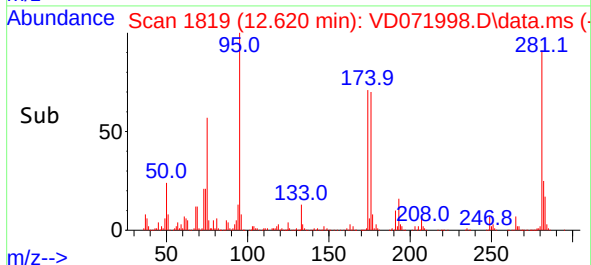
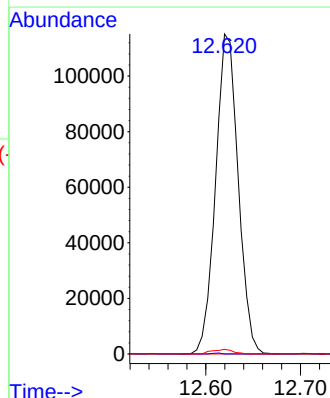
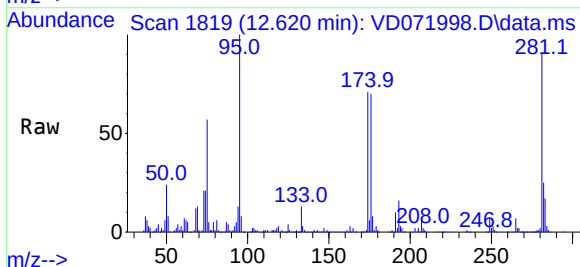
Instrument :
MSVOA_D
ClientSampleId :
TP-2

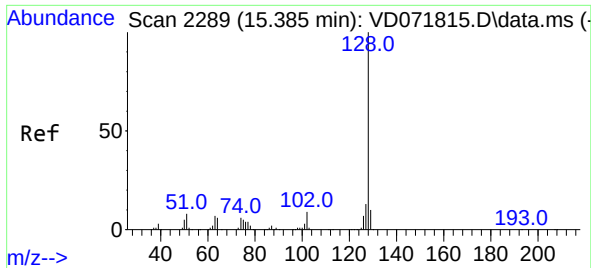
Tgt Ion: 75 Resp: 191004
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 151.285 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD071998.D
Acq: 16 Feb 2022 18:19

Tgt Ion: 75 Resp: 191004
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 1.3 33.9 50.9#





#95

Naphthalene

Concen: 1.558 ug/l

RT: 15.378 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD071998.D

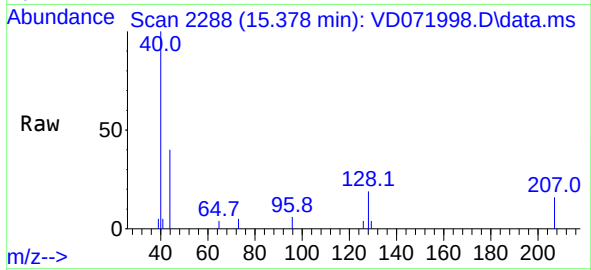
Acq: 16 Feb 2022 18:19

Instrument :

MSVOA_D

ClientSampleId :

TP-2



Tgt Ion:128 Resp: 1095

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

129 5.6 8.4 12.6#

