

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052422\
 Data File : VD073355.D
 Acq On : 25 May 2022 07:08
 Operator : VA/SY
 Sample : N2886-11
 Misc : 3.48G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P021-SS002-0006-01

Quant Time: May 25 07:58:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

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

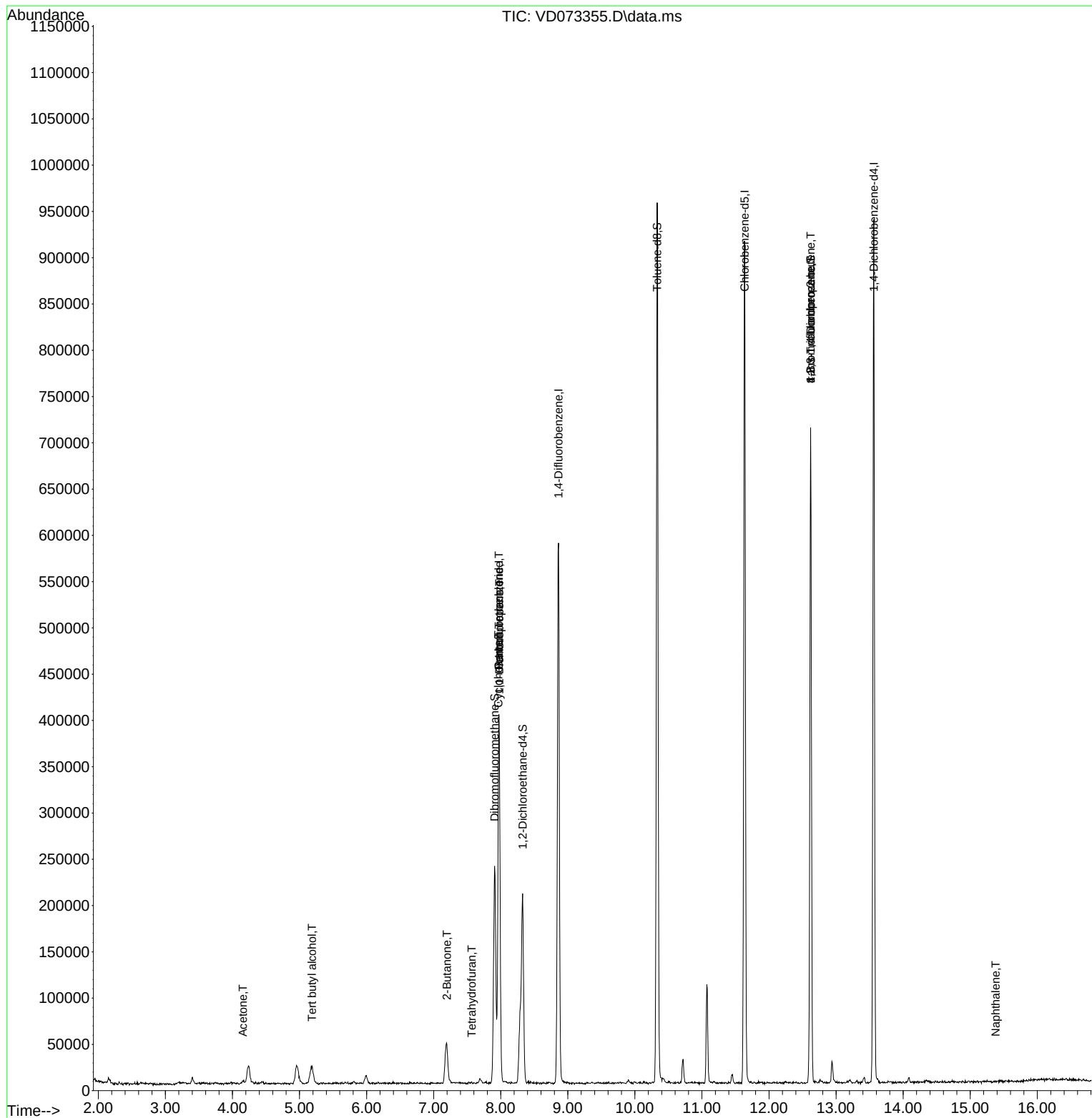
Internal Standards						
1) Pentafluorobenzene	7.973	168	283114	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	503116	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	534025	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	244129	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	153228	48.973	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.940%
35) Dibromofluoromethane	7.909	113	170121	51.243	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.480%
50) Toluene-d8	10.332	98	623537	50.951	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.900%
62) 4-Bromofluorobenzene	12.620	95	231858	53.986	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.980%
Target Compounds						
					Qvalue	
5) Bromomethane	2.774	94	701	Below Cal		84
11) Tert butyl alcohol	5.185	59	16998	35.016	ug/l #	75
16) Acetone	4.156	43	6425	11.856	ug/l	100
25) 2-Butanone	7.197	43	2602	3.282	ug/l #	52
29) Tetrahydrofuran	7.567	42	606	1.182	ug/l #	51
31) Cyclohexane	7.967	56	6940	1.269	ug/l #	24
36) 1,1-Dichloropropene	7.979	75	24490	4.905	ug/l #	50
38) Carbon Tetrachloride	7.973	117	29420	5.813	ug/l #	19
76) 1,2,3-Trichloropropane	12.620	75	115846	48.363	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	115846	116.105	ug/l #	7
95) Naphthalene	15.379	128	59	3.548	ug/l #	70

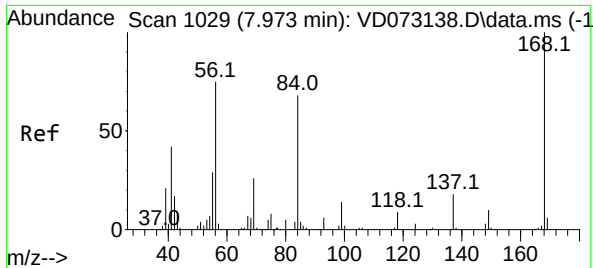
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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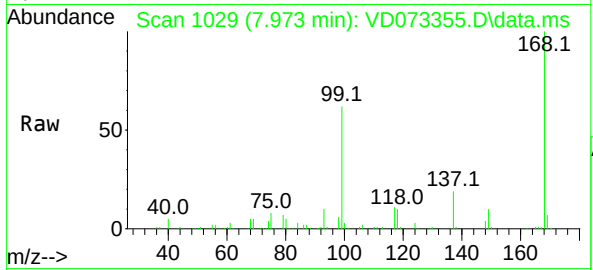
Quant Time: May 25 07:58:29 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260
QLast Update : Thu May 19 15:13:42 2022
Response via : Initial Calibration



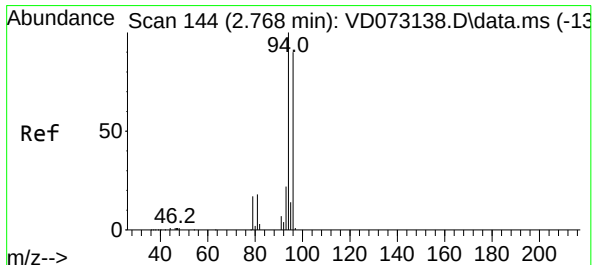
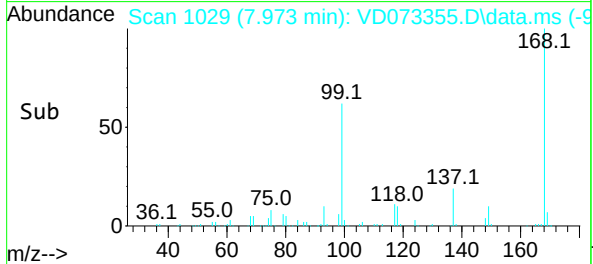
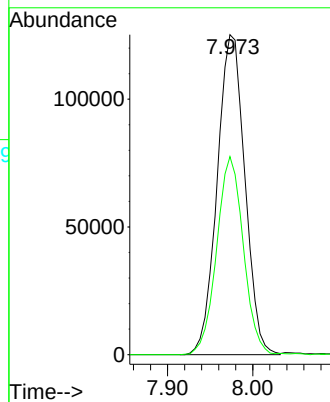


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073355.D
Acq: 25 May 2022 07:08

Instrument :
MSVOA_D
ClientSampleId :
P021-SS002-0006-01

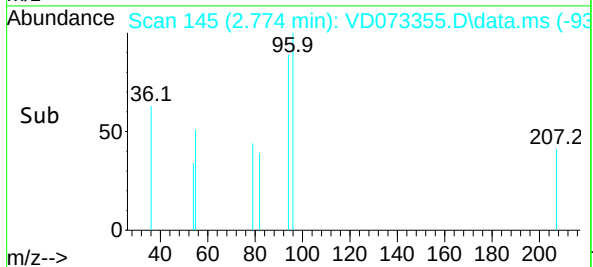
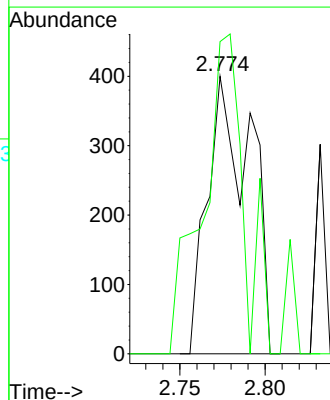
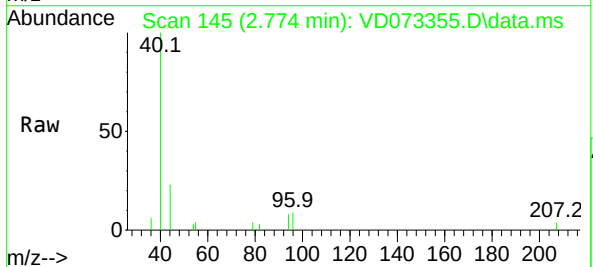


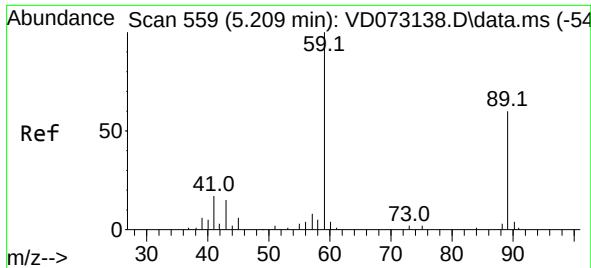
Tgt Ion:168 Resp: 283114
Ion Ratio Lower Upper
168 100
99 61.9 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.774 min Scan# 145
Delta R.T. 0.006 min
Lab File: VD073355.D
Acq: 25 May 2022 07:08

Tgt Ion: 94 Resp: 701
Ion Ratio Lower Upper
94 100
96 112.5 77.6 116.4

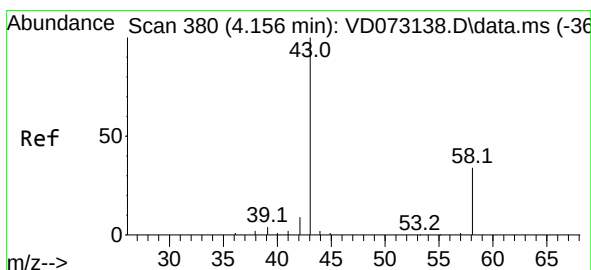
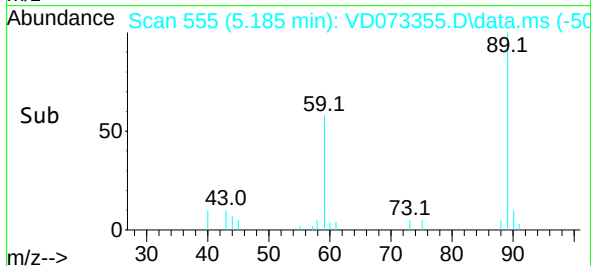
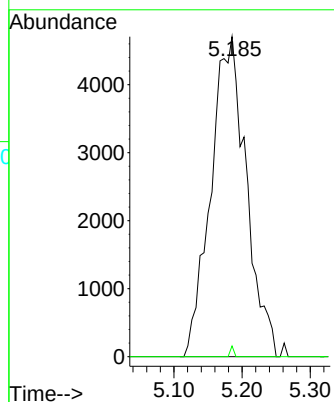
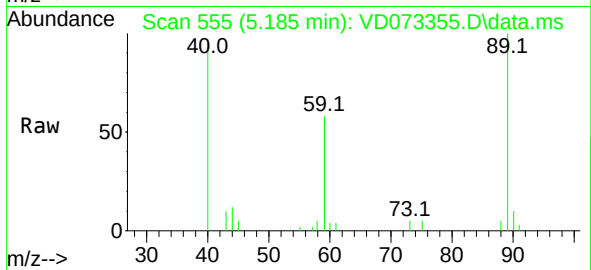




#11
Tert butyl alcohol
Concen: 35.016 ug/l
RT: 5.185 min Scan# 51
Delta R.T. -0.024 min
Lab File: VD073355.D
Acq: 25 May 2022 07:08

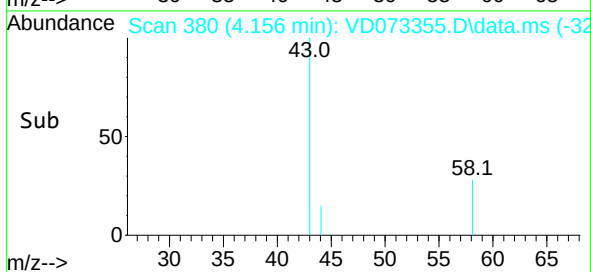
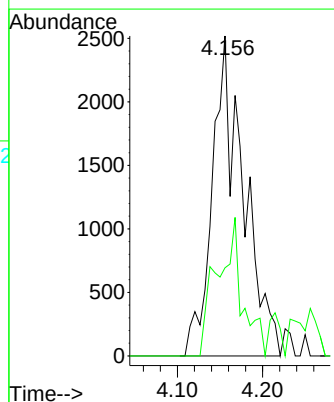
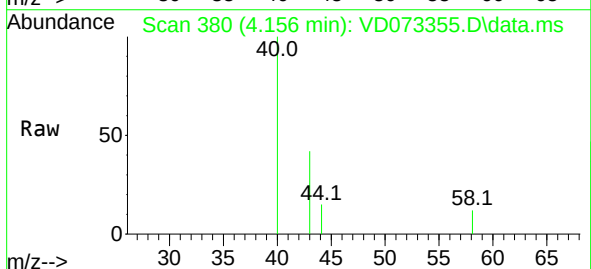
Instrument :
MSVOA_D
ClientSampleId :
P021-SS002-0006-01

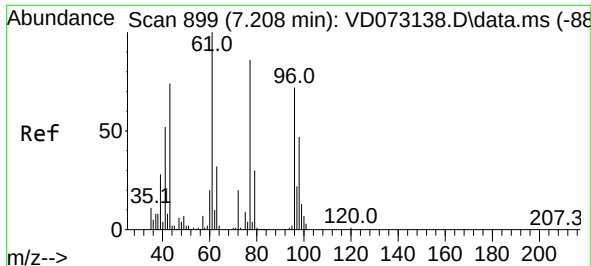
Tgt Ion: 59 Resp: 16998
Ion Ratio Lower Upper
59 100
57 0.3 7.8 11.6#



#16
Acetone
Concen: 11.856 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD073355.D
Acq: 25 May 2022 07:08

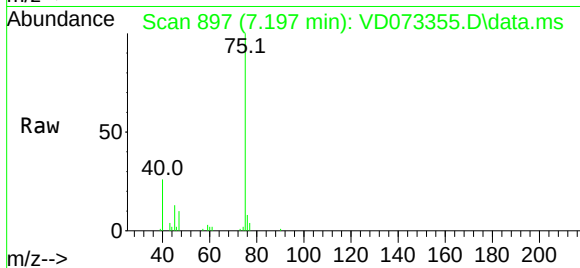
Tgt Ion: 43 Resp: 6425
Ion Ratio Lower Upper
43 100
58 27.6 22.1 33.1



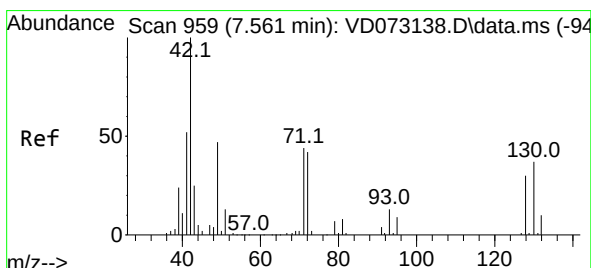
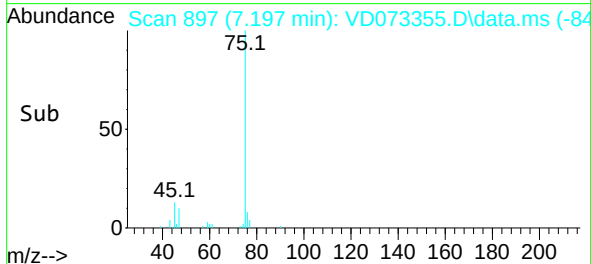
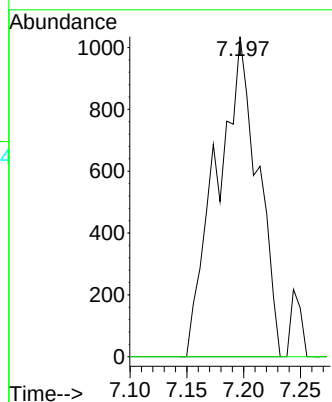


#25
2-Butanone
Concen: 3.282 ug/l
RT: 7.197 min Scan# 89
Delta R.T. -0.011 min
Lab File: VD073355.D
Acq: 25 May 2022 07:08

Instrument :
MSVOA_D
ClientSampleId :
P021-SS002-0006-01

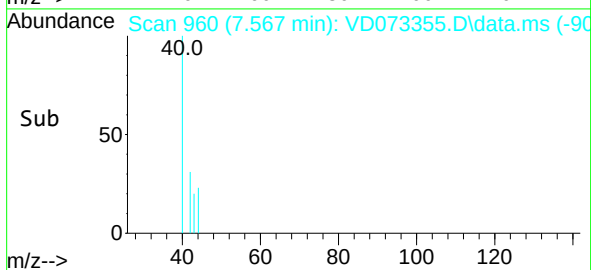
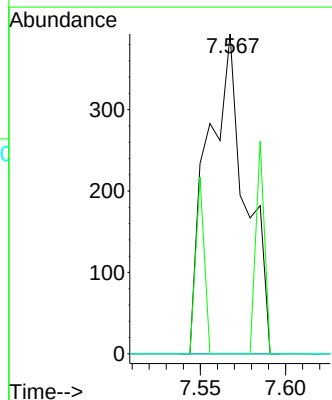
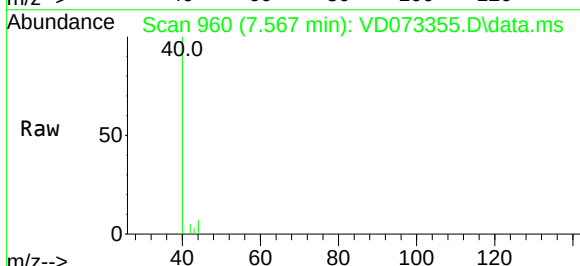


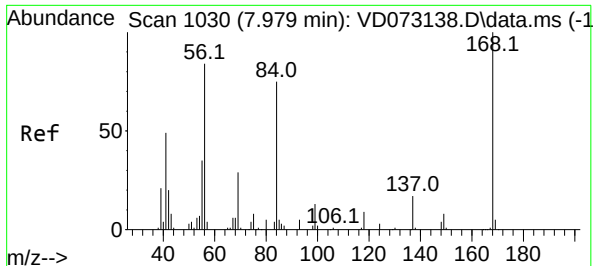
Tgt Ion: 43 Resp: 2602
Ion Ratio Lower Upper
43 100
72 0.0 18.6 27.8#



#29
Tetrahydrofuran
Concen: 1.182 ug/l
RT: 7.567 min Scan# 960
Delta R.T. 0.006 min
Lab File: VD073355.D
Acq: 25 May 2022 07:08

Tgt Ion: 42 Resp: 606
Ion Ratio Lower Upper
42 100
72 15.2 30.7 46.1#
71 0.0 28.6 43.0#

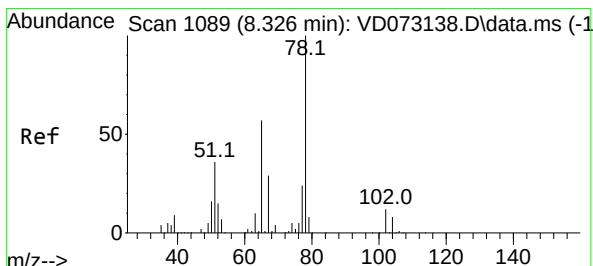
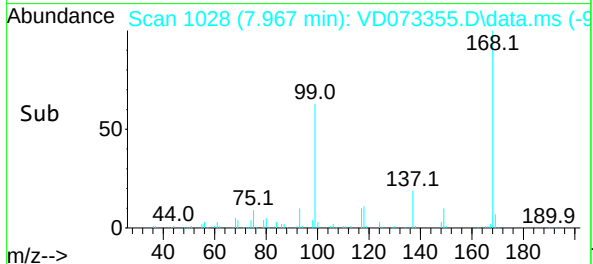
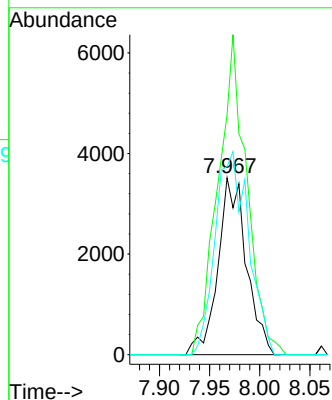
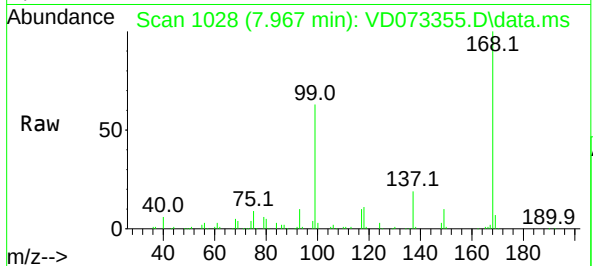




#31
Cyclohexane
Concen: 1.269 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.012 min
Lab File: VD073355.D
Acq: 25 May 2022 07:08

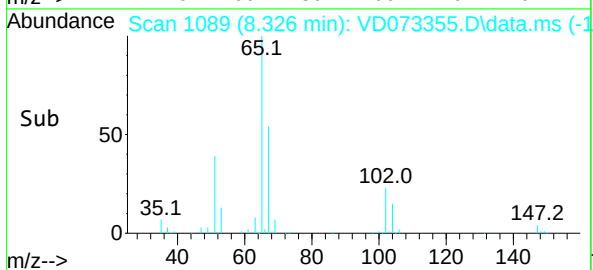
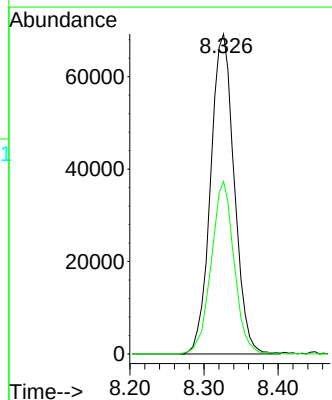
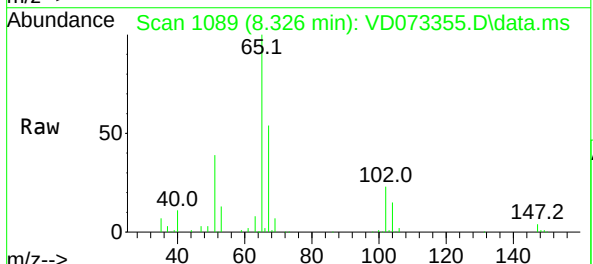
Instrument :
MSVOA_D
ClientSampleId :
P021-SS002-0006-01

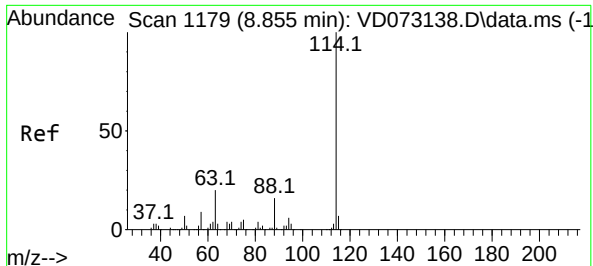
Tgt Ion: 56 Resp: 6940
Ion Ratio Lower Upper
56 100
69 135.8 25.4 38.2#
84 106.5 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 48.973 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD073355.D
Acq: 25 May 2022 07:08

Tgt Ion: 65 Resp: 153228
Ion Ratio Lower Upper
65 100
67 52.4 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1179

Delta R.T. 0.006 min

Lab File: VD073355.D

Acq: 25 May 2022 07:08

Instrument :

MSVOA_D

ClientSampleId :

P021-SS002-0006-01

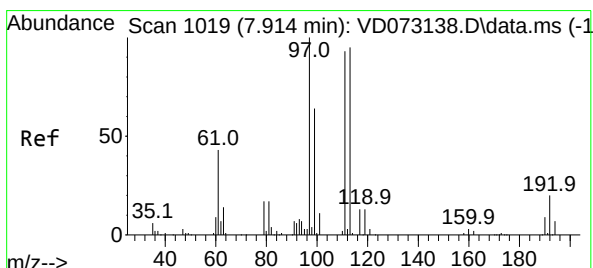
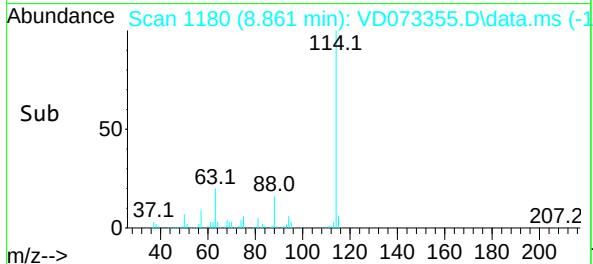
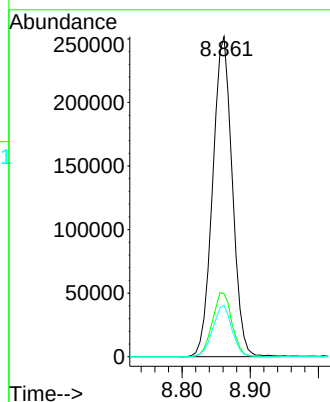
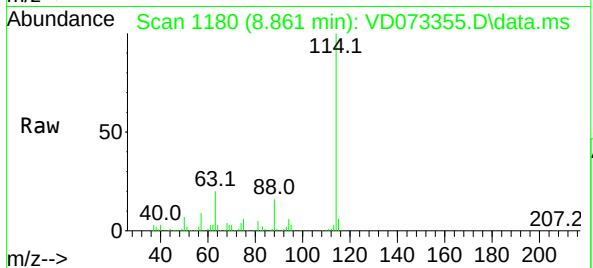
Tgt Ion:114 Resp: 503116

Ion Ratio Lower Upper

114 100

63 19.7 0.0 46.6

88 16.1 0.0 33.2



#35

Dibromofluoromethane

Concen: 51.243 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.005 min

Lab File: VD073355.D

Acq: 25 May 2022 07:08

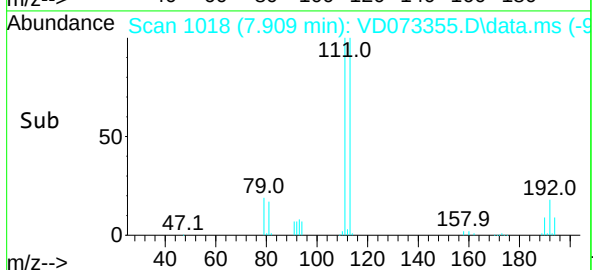
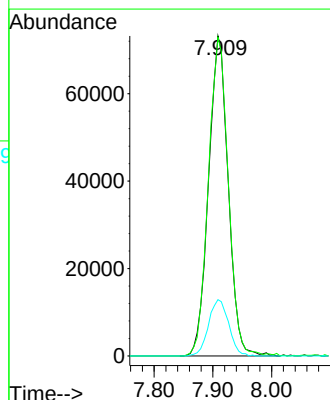
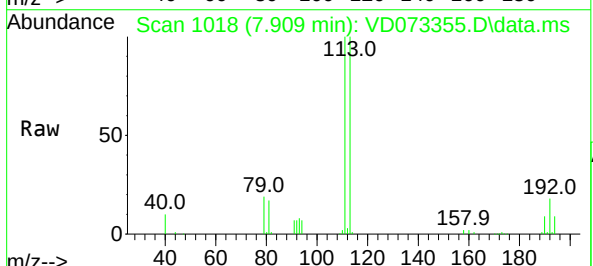
Tgt Ion:113 Resp: 170121

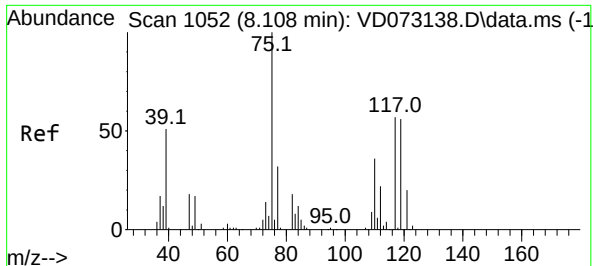
Ion Ratio Lower Upper

113 100

111 101.1 83.8 125.6

192 18.1 14.6 21.8





#36

1,1-Dichloropropene

Concen: 4.905 ug/l

RT: 7.979 min Scan# 1029

Delta R.T. -0.129 min

Lab File: VD073355.D

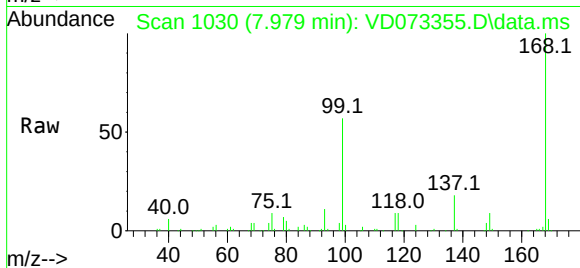
Acq: 25 May 2022 07:08

Instrument :

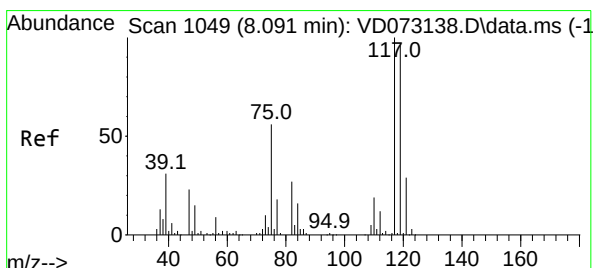
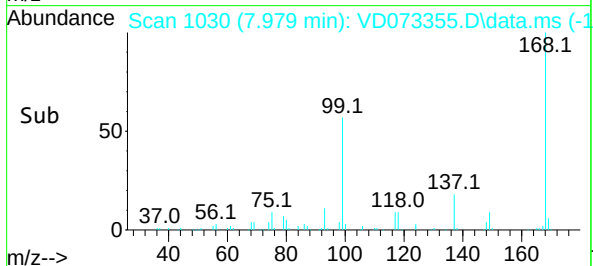
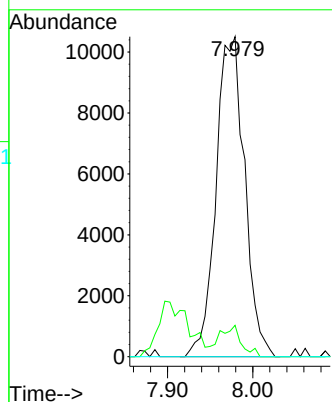
MSVOA_D

ClientSampleId :

P021-SS002-0006-01



Tgt Ion: 75	Resp: 24490
Ion Ratio	Lower Upper
75	100
110	7.3 16.4 49.1#
77	0.0 24.2 36.2#



#38

Carbon Tetrachloride

Concen: 5.813 ug/l

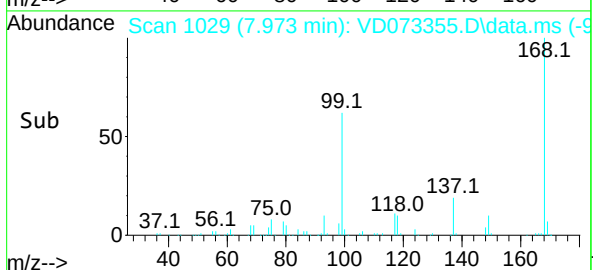
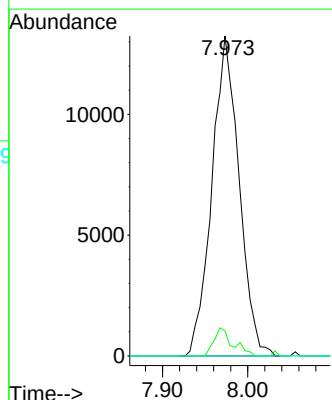
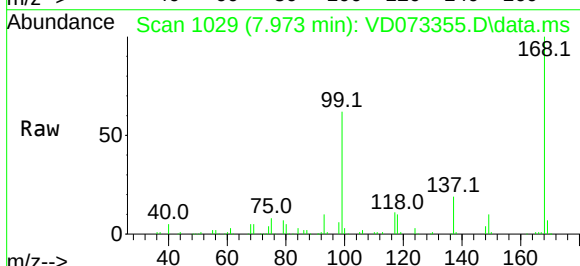
RT: 7.973 min Scan# 1029

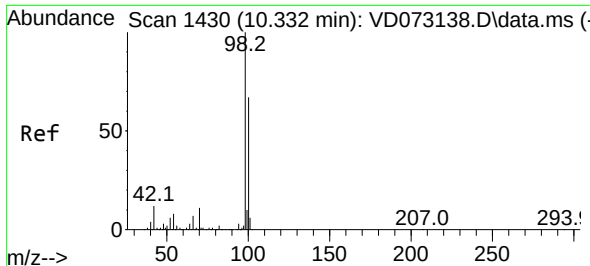
Delta R.T. -0.118 min

Lab File: VD073355.D

Acq: 25 May 2022 07:08

Tgt Ion: 117	Resp: 29420
Ion Ratio	Lower Upper
117	100
119	7.9 75.8 113.6#
121	0.0 24.5 36.7#

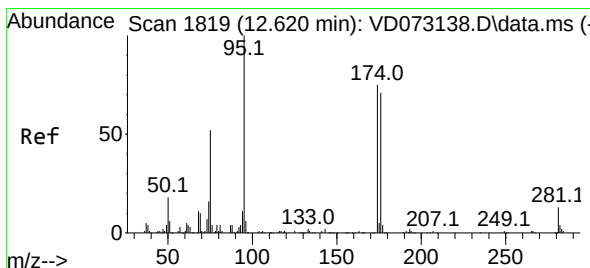
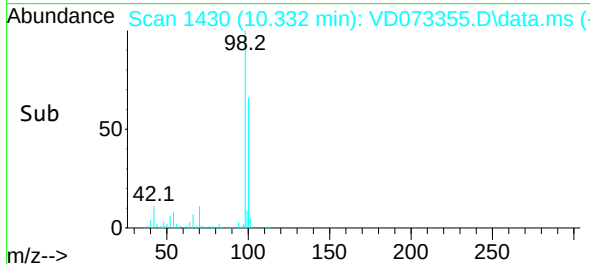
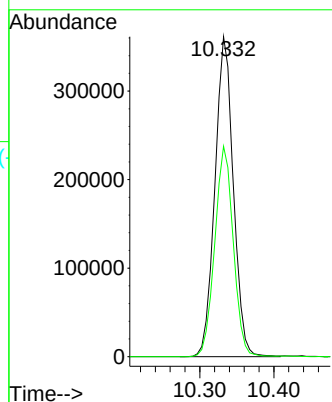
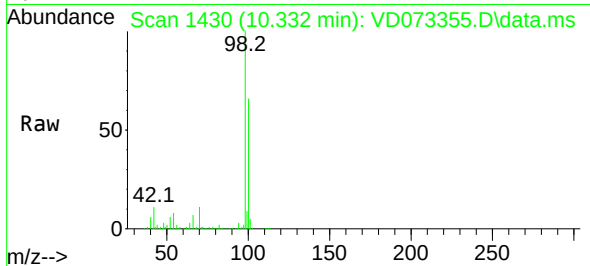




#50
Toluene-d8
Concen: 50.951 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073355.D
Acq: 25 May 2022 07:08

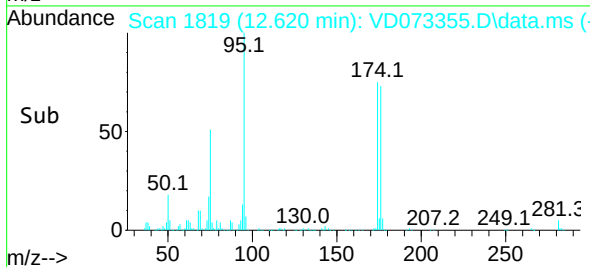
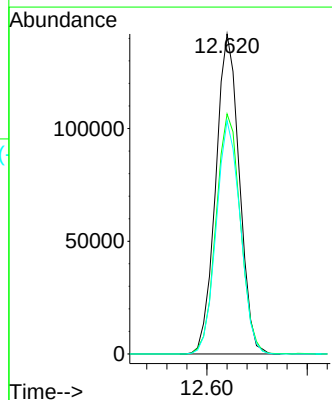
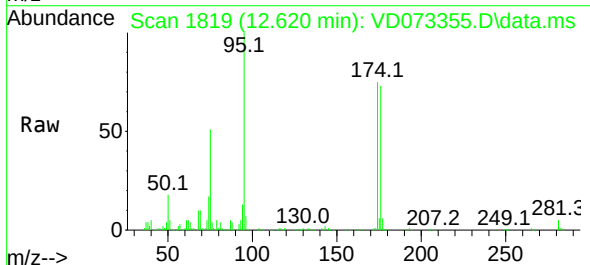
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MSVOA_D
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P021-SS002-0006-01

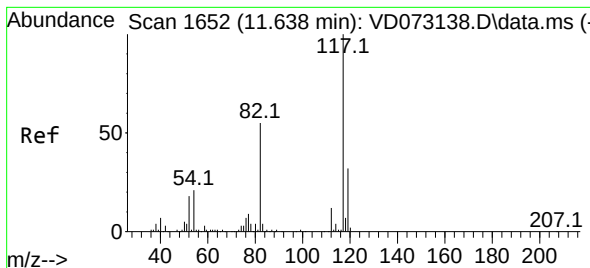
Tgt Ion: 98 Resp: 623537
Ion Ratio Lower Upper
98 100
100 66.1 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 53.986 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073355.D
Acq: 25 May 2022 07:08

Tgt Ion: 95 Resp: 231858
Ion Ratio Lower Upper
95 100
174 77.3 0.0 152.8
176 73.9 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: VD073355.D

Acq: 25 May 2022 07:08

Instrument :

MSVOA_D

ClientSampleId :

P021-SS002-0006-01

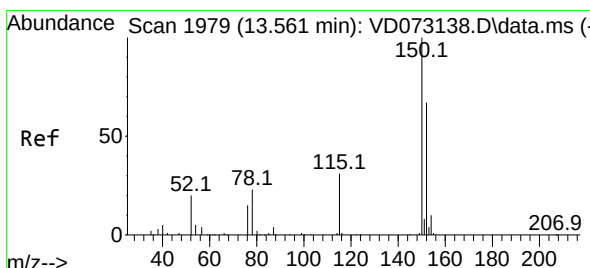
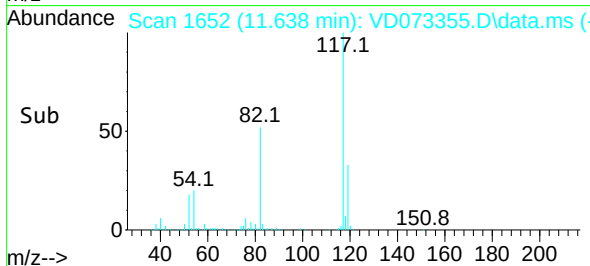
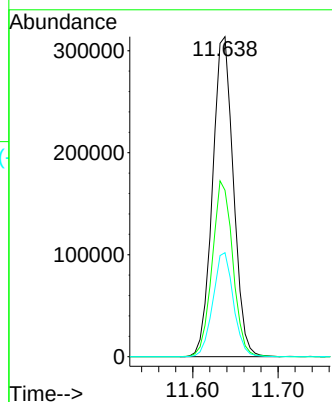
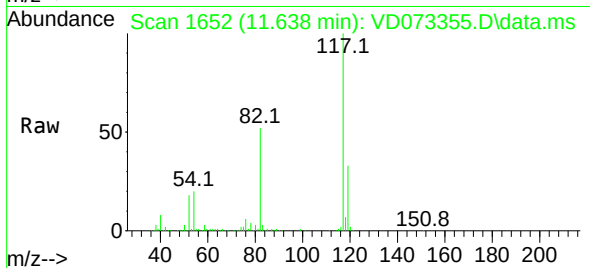
Tgt Ion:117 Resp: 534025

Ion Ratio Lower Upper

117 100

82 52.0 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. 0.000 min

Lab File: VD073355.D

Acq: 25 May 2022 07:08

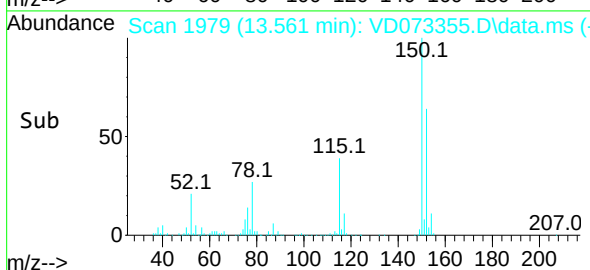
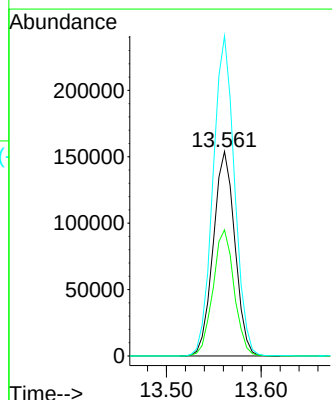
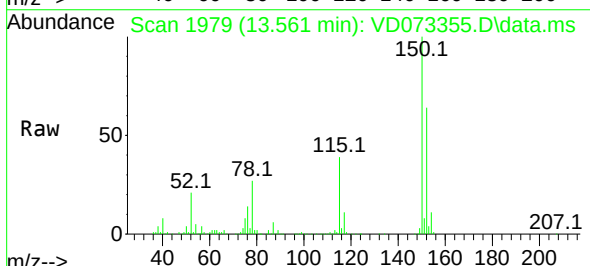
Tgt Ion:152 Resp: 244129

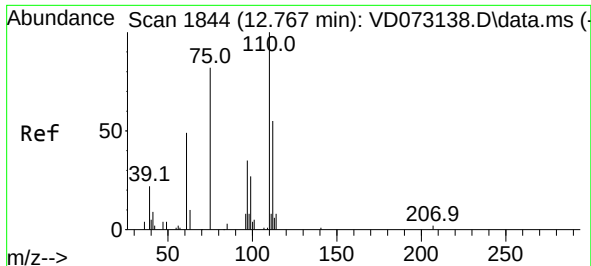
Ion Ratio Lower Upper

152 100

115 60.3 31.3 93.8

150 155.7 0.0 348.6

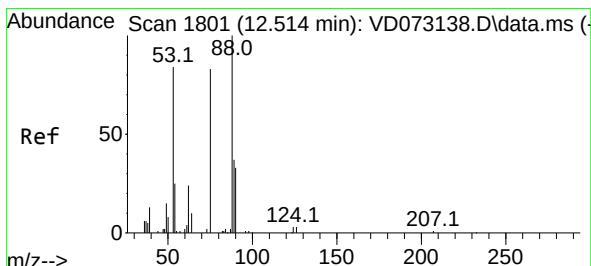
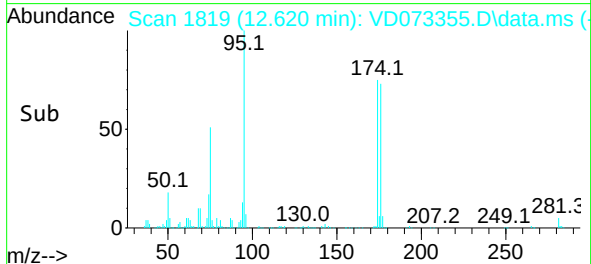
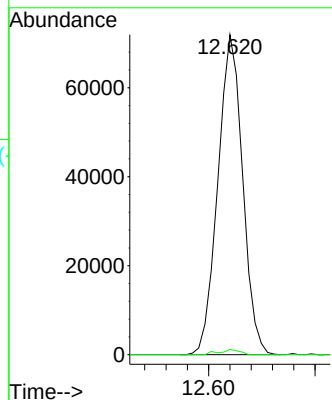
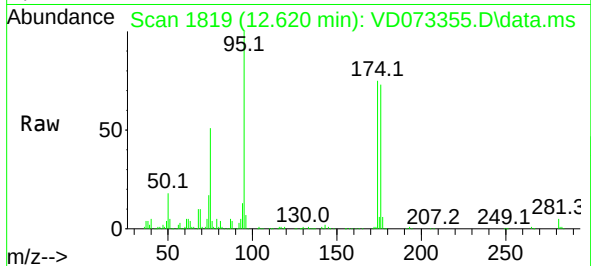




#76
1,2,3-Trichloropropane
Concen: 48.363 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD073355.D
Acq: 25 May 2022 07:08

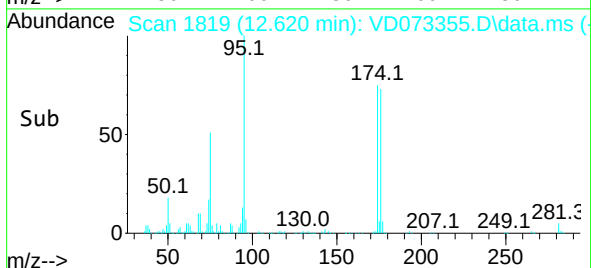
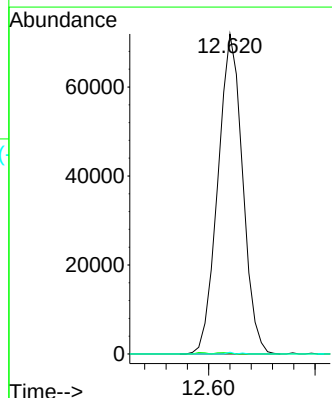
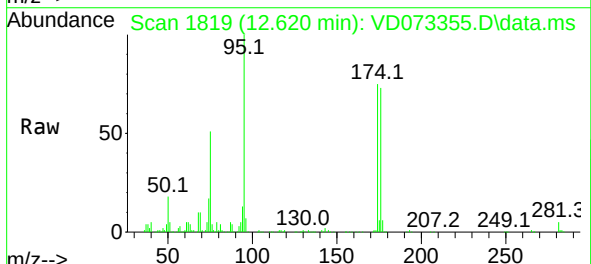
Instrument :
MSVOA_D
ClientSampleId :
P021-SS002-0006-01

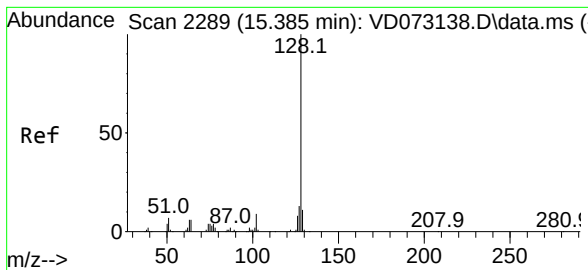
Tgt Ion: 75 Resp: 115846
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 116.105 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073355.D
Acq: 25 May 2022 07:08

Tgt Ion: 75 Resp: 115846
Ion Ratio Lower Upper
75 100
53 0.2 86.5 129.7#
89 0.2 33.9 50.9#





#95
Naphthalene
Concen: 3.548 ug/l
RT: 15.379 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD073355.D
Acq: 25 May 2022 07:08

Instrument :
MSVOA_D
ClientSampleId :
P021-SS002-0006-01

Tgt Ion:	128	Resp:	59
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.4	12.6#

