

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU063022\
 Data File : VU049565.D
 Acq On : 30 Jun 2022 15:56
 Operator : SY/MD
 Sample : N3458-02DL 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RE122D1-20220621DL

Quant Time: Jul 01 05:25:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U062722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 28 10:35:43 2022
 Response via : Initial Calibration

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

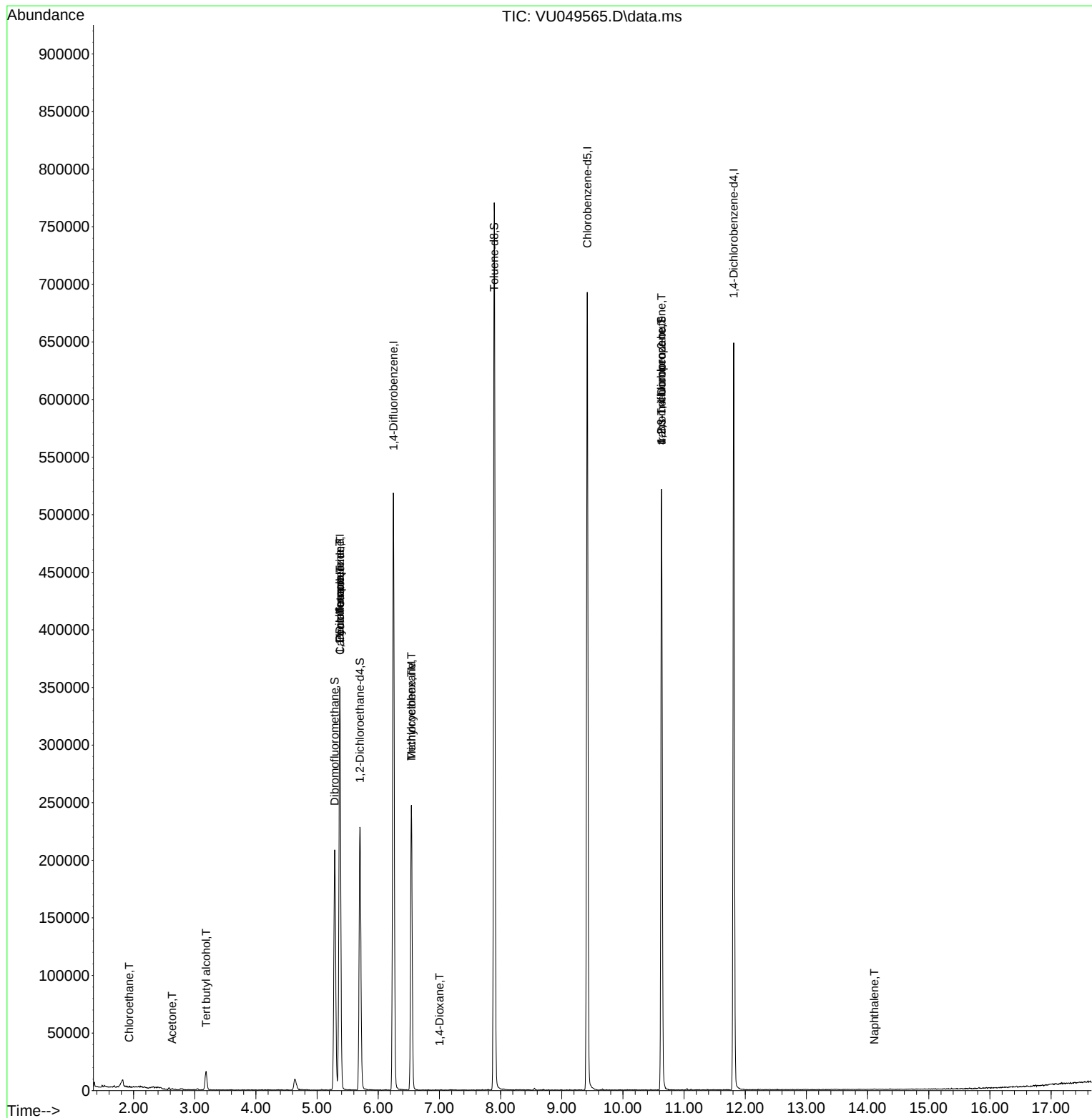
Internal Standards						
1) Pentafluorobenzene	5.372	168	239800	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	420403	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	379374	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	170750	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	171832	46.528	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.060%		
35) Dibromofluoromethane	5.289	113	135245	45.982	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.960%		
50) Toluene-d8	7.896	98	504494	48.090	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.180%		
62) 4-Bromofluorobenzene	10.632	95	176860	44.010	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	88.020%		
Target Compounds						Qvalue
3) Chloromethane	1.517	50	1054	Below Cal		95
6) Chloroethane	1.925	64	42	1.938 ug/l #		44
11) Tert butyl alcohol	3.186	59	9972	11.536 ug/l #		37
16) Acetone	2.630	43	1091	0.586 ug/l #		83
20) Methylene Chloride	3.041	84	506	Below Cal #		89
31) Cyclohexane	5.372	56	4851	0.875 ug/l #		1
36) 1,1-Dichloropropene	5.369	75	19002	4.456 ug/l #		49
38) Carbon Tetrachloride	5.375	117	23610	5.279 ug/l #		16
39) Methylcyclohexane	6.543	83	1092	0.214 ug/l #		1
44) Trichloroethene	6.543	130	82032	26.800 ug/l		91
49) 1,4-Dioxane	7.002	88	21	0.205 ug/l #		58
76) 1,2,3-Trichloropropane	10.632	75	92247	15.937 ug/l #		45
81) trans-1,4-Dichloro-2-b...	10.632	75	92247	58.853 ug/l #		15
95) Naphthalene	14.111	128	712	1.787 ug/l #		69

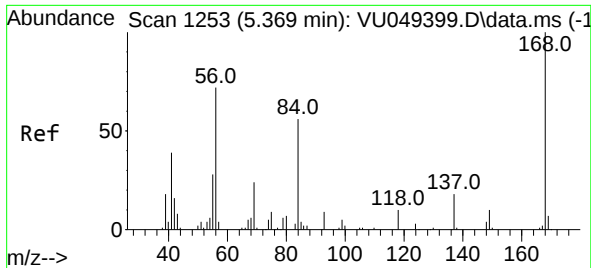
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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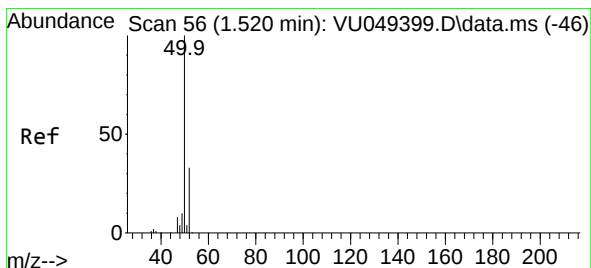
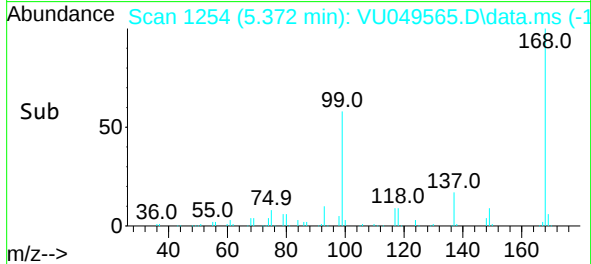
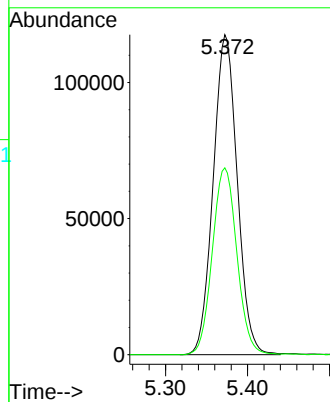
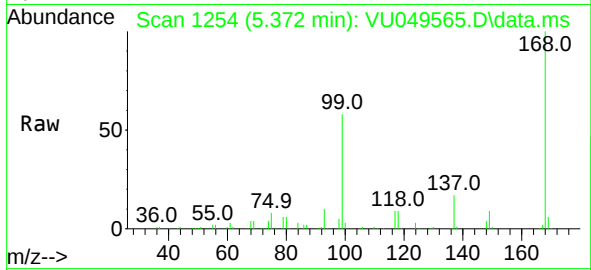




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049565.D
Acq: 30 Jun 2022 15:56

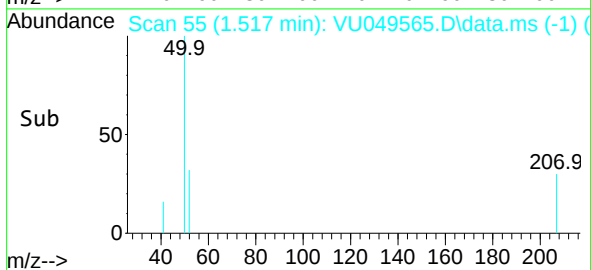
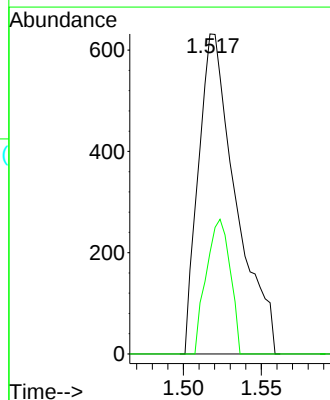
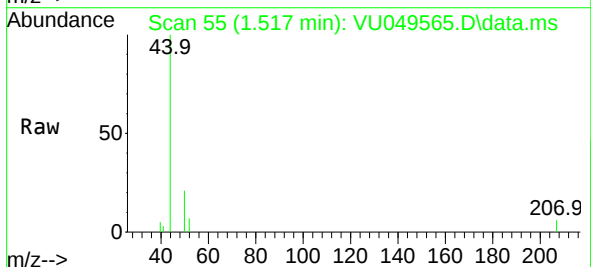
Instrument :
MSVOA_U
ClientSampleId :
RE122D1-20220621DL

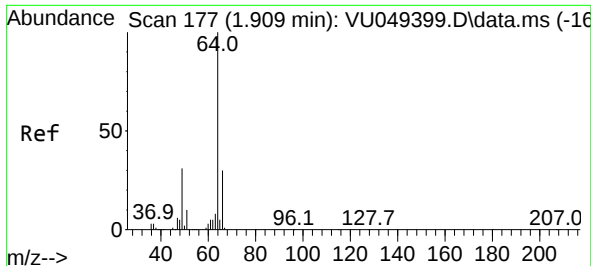
Tgt Ion:168 Resp: 239800
Ion Ratio Lower Upper
168 100
99 58.4 39.3 58.9



#3
Chloromethane
Concen: Below Cal
RT: 1.517 min Scan# 55
Delta R.T. -0.003 min
Lab File: VU049565.D
Acq: 30 Jun 2022 15:56

Tgt Ion: 50 Resp: 1054
Ion Ratio Lower Upper
50 100
52 31.6 27.4 41.2

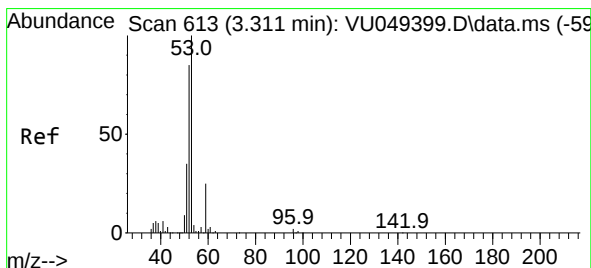
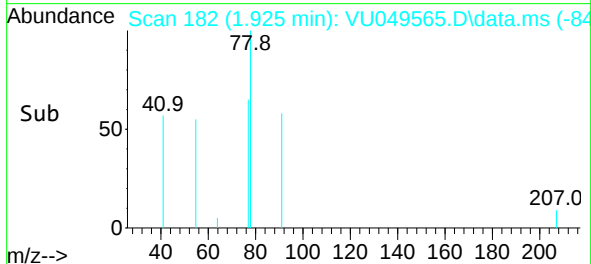
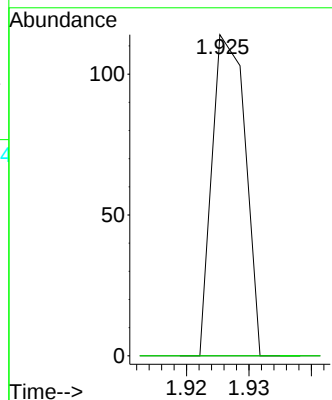
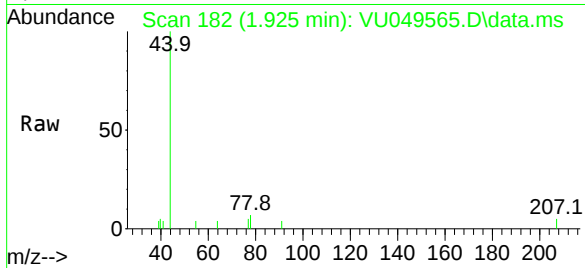




#6
Chloroethane
Concen: 1.938 ug/l
RT: 1.925 min Scan# 11
Delta R.T. 0.016 min
Lab File: VU049565.D
Acq: 30 Jun 2022 15:56

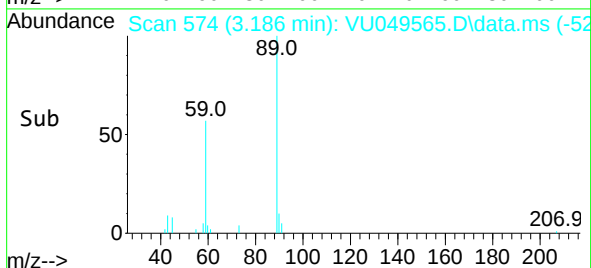
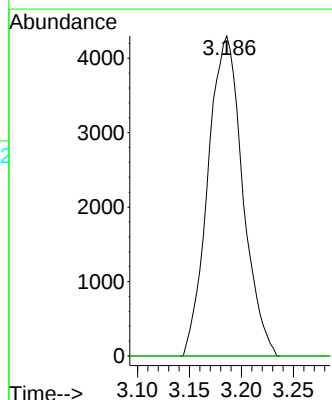
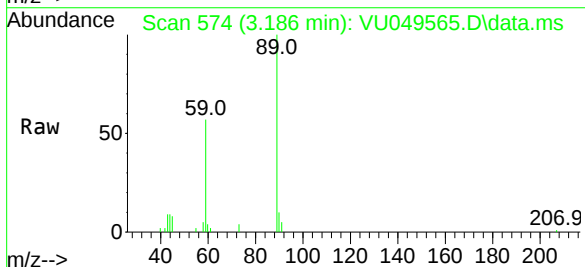
Instrument :
MSVOA_U
ClientSampleId :
RE122D1-20220621DL

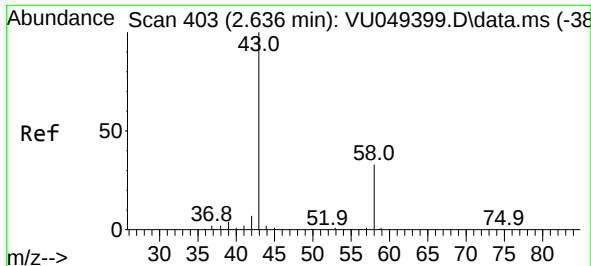
Tgt Ion: 64 Resp: 42
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#



#11
Tert butyl alcohol
Concen: 11.536 ug/l
RT: 3.186 min Scan# 574
Delta R.T. -0.125 min
Lab File: VU049565.D
Acq: 30 Jun 2022 15:56

Tgt Ion: 59 Resp: 9972
Ion Ratio Lower Upper
59 100
57 0.0 30.6 45.8#

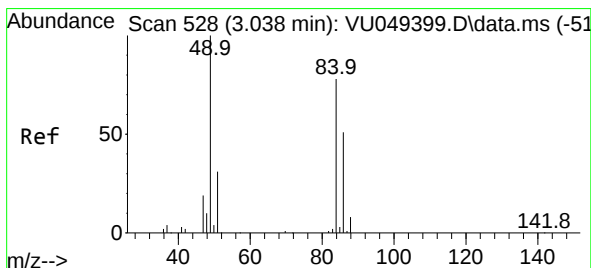
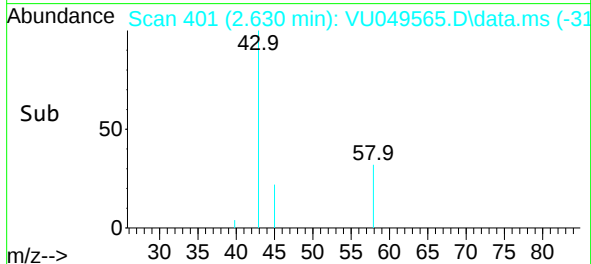
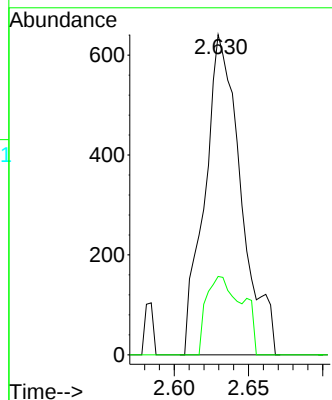
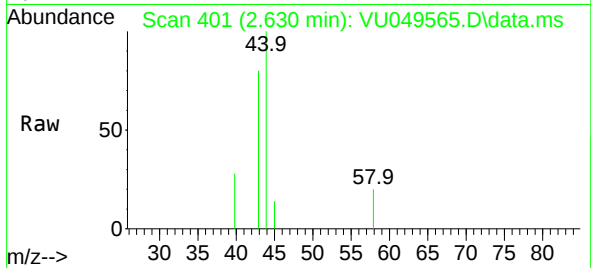




#16
Acetone
Concen: 0.586 ug/l
RT: 2.630 min Scan# 403
Delta R.T. -0.006 min
Lab File: VU049565.D
Acq: 30 Jun 2022 15:56

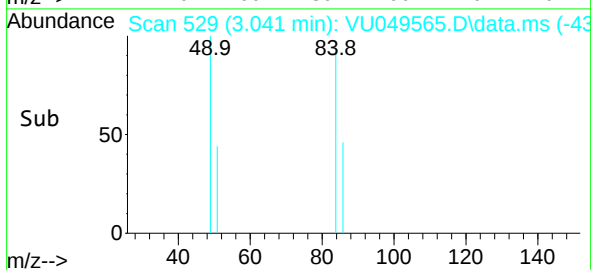
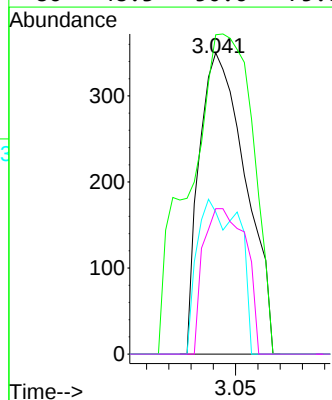
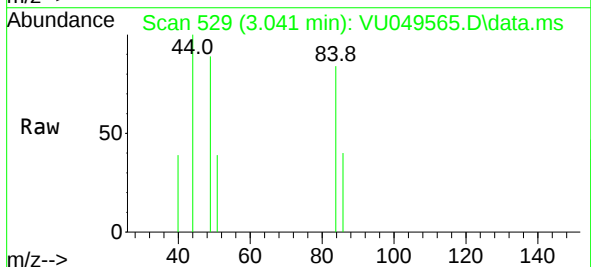
Instrument :
MSVOA_U
ClientSampleId :
RE122D1-20220621DL

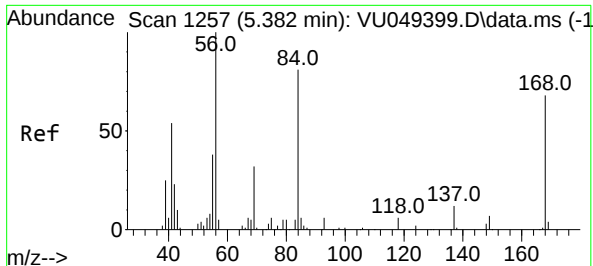
Tgt Ion: 43 Resp: 1091
Ion Ratio Lower Upper
43 100
58 24.5 27.5 41.3#



#20
Methylene Chloride
Concen: Below Cal
RT: 3.041 min Scan# 529
Delta R.T. 0.003 min
Lab File: VU049565.D
Acq: 30 Jun 2022 15:56

Tgt Ion: 84 Resp: 506
Ion Ratio Lower Upper
84 100
49 106.0 86.6 129.8
51 47.1 26.6 40.0#
86 48.3 50.6 75.8#





#31

Cyclohexane

Concen: 0.875 ug/l

RT: 5.372 min Scan# 1

Delta R.T. -0.009 min

Lab File: VU049565.D

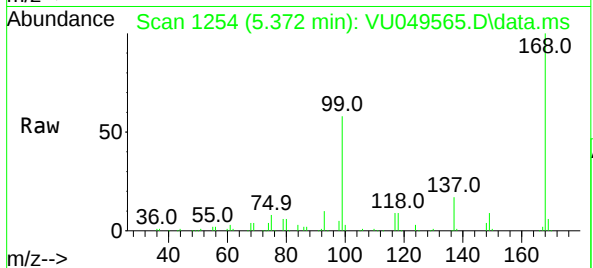
Acq: 30 Jun 2022 15:56

Instrument :

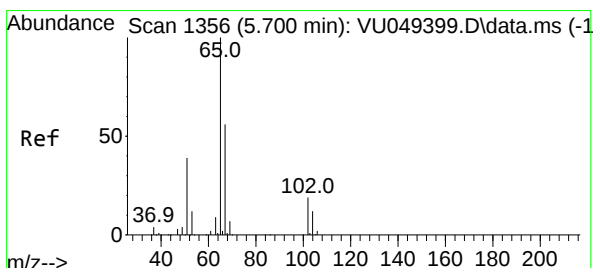
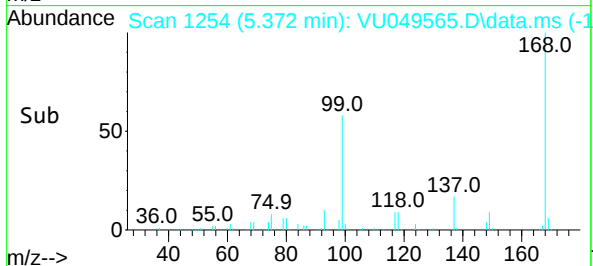
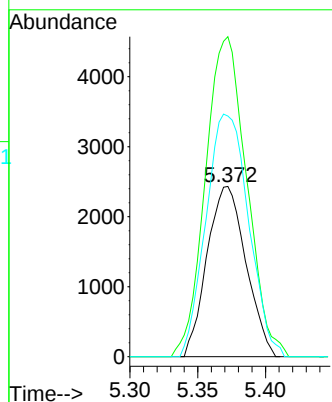
MSVOA_U

ClientSampleId :

RE122D1-20220621DL



Tgt Ion:	56	Resp:	4851
Ion Ratio	Lower	Upper	
56	100		
69	180.2	27.8	41.8#
84	141.4	74.2	111.4#



#33

1,2-Dichloroethane-d4

Concen: 46.528 ug/l

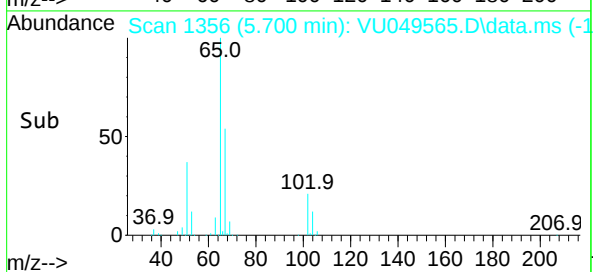
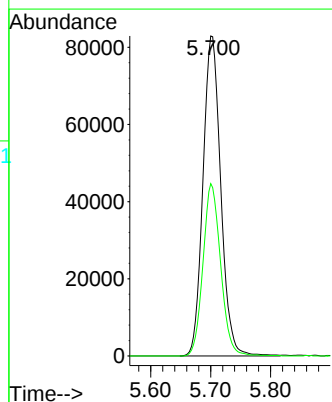
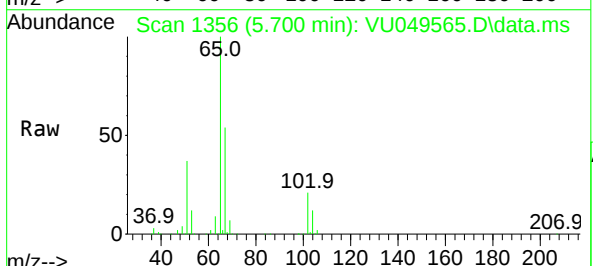
RT: 5.700 min Scan# 1356

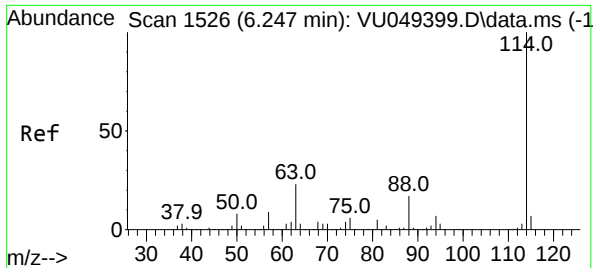
Delta R.T. 0.000 min

Lab File: VU049565.D

Acq: 30 Jun 2022 15:56

Tgt Ion:	65	Resp:	171832
Ion Ratio	Lower	Upper	
65	100		
67	53.1	0.0	108.0

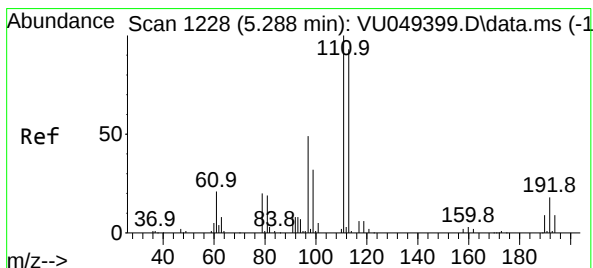
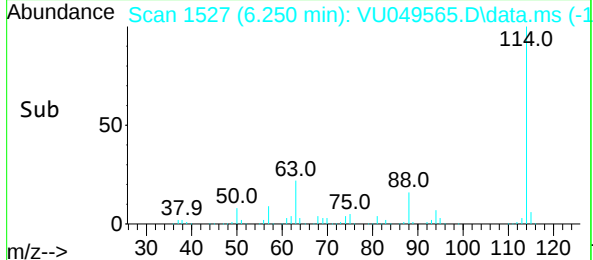
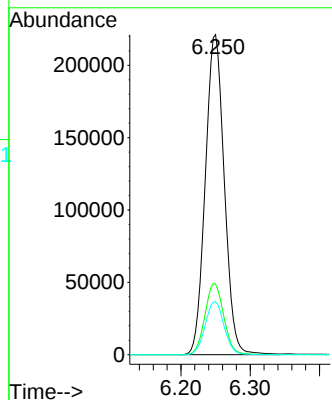
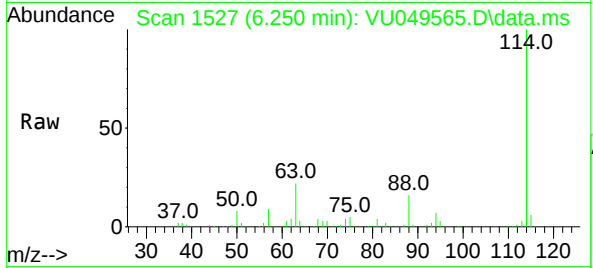




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.250 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049565.D
Acq: 30 Jun 2022 15:56

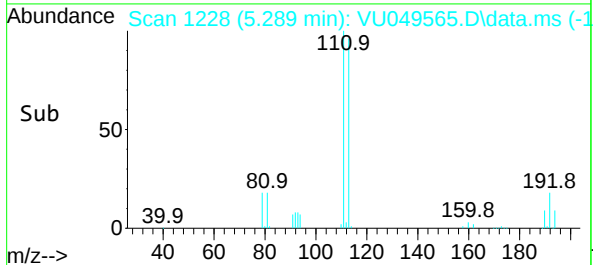
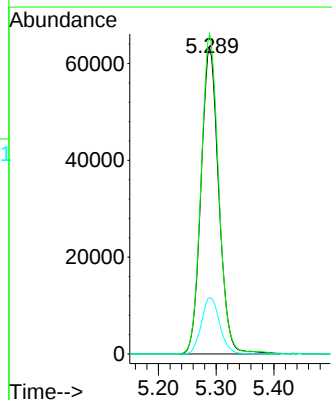
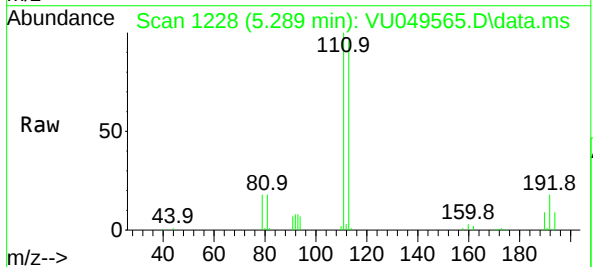
Instrument :
MSVOA_U
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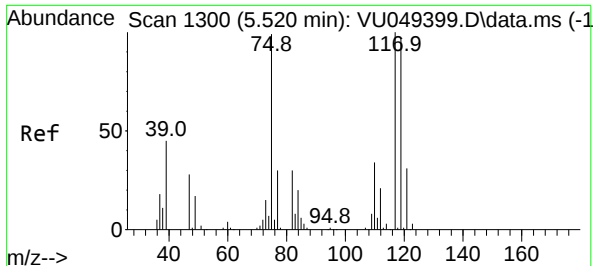
Tgt Ion:114 Resp: 420403
Ion Ratio Lower Upper
114 100
63 22.0 0.0 37.8
88 16.5 0.0 29.2



#35
Dibromofluoromethane
Concen: 45.982 ug/l
RT: 5.289 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VU049565.D
Acq: 30 Jun 2022 15:56

Tgt Ion:113 Resp: 135245
Ion Ratio Lower Upper
113 100
111 103.0 82.1 123.1
192 18.9 18.0 27.0





#36

1,1-Dichloropropene

Concen: 4.456 ug/l

RT: 5.369 min Scan# 11

Delta R.T. -0.151 min

Lab File: VU049565.D

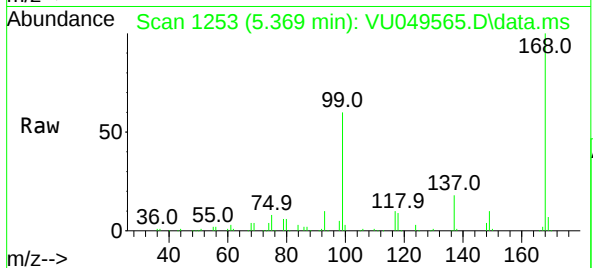
Acq: 30 Jun 2022 15:56

Instrument :

MSVOA_U

ClientSampleId :

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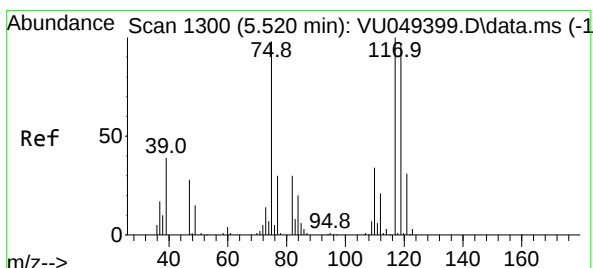
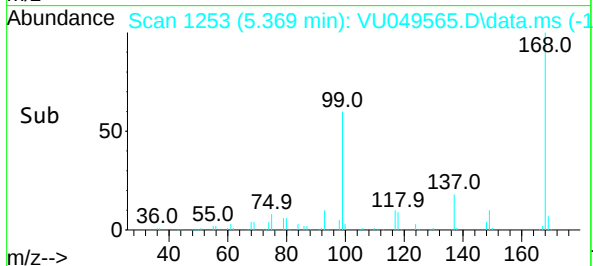
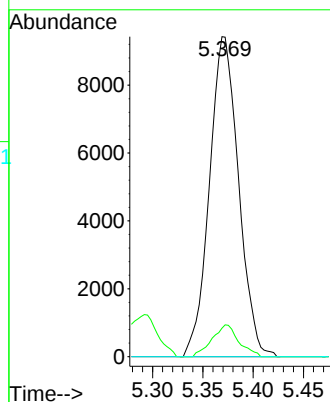
Tgt Ion: 75 Resp: 19002

Ion Ratio Lower Upper

75 100

110 9.1 18.4 55.2#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.279 ug/l

RT: 5.375 min Scan# 1255

Delta R.T. -0.144 min

Lab File: VU049565.D

Acq: 30 Jun 2022 15:56

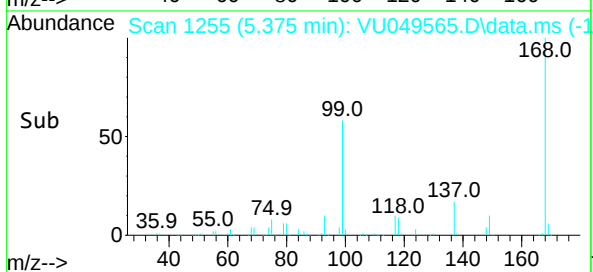
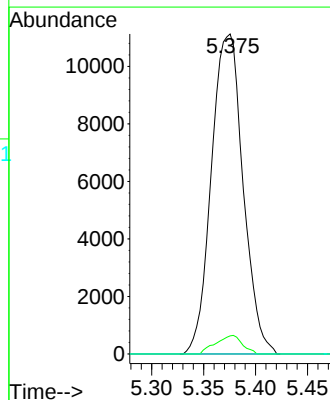
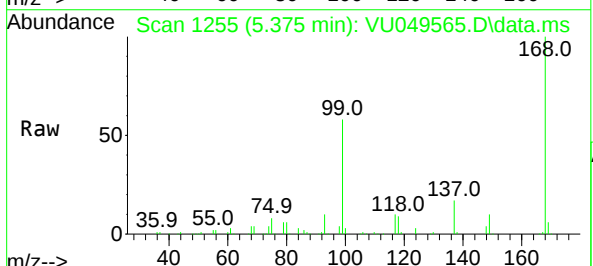
Tgt Ion: 117 Resp: 23610

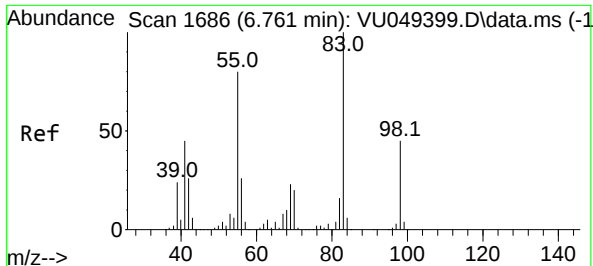
Ion Ratio Lower Upper

117 100

119 5.6 76.8 115.2#

121 0.0 24.7 37.1#





#39

Methylcyclohexane

Concen: 0.214 ug/l

RT: 6.543 min Scan# 1618

Delta R.T. -0.218 min

Lab File: VU049565.D

Acq: 30 Jun 2022 15:56

Instrument :

MSVOA_U

ClientSampleId :

RE122D1-20220621DL

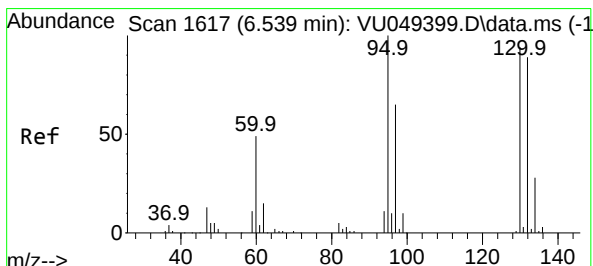
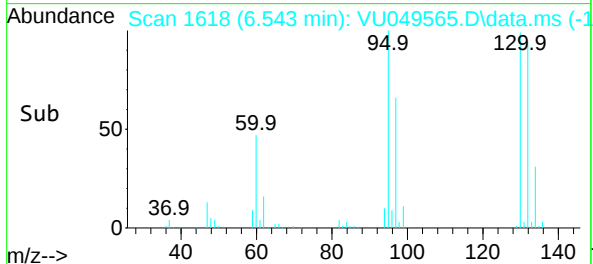
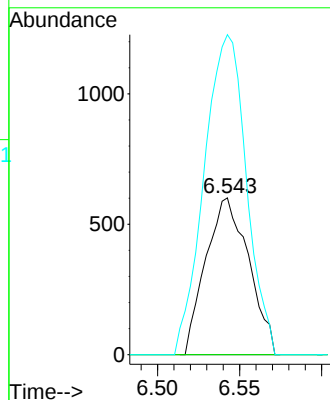
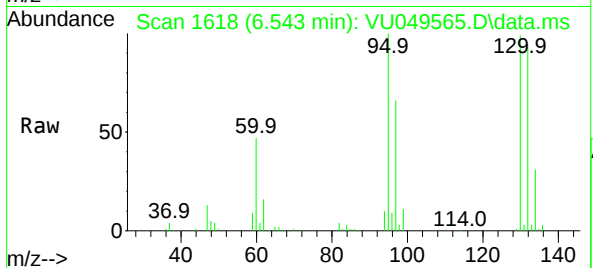
Tgt Ion: 83 Resp: 1092

Ion Ratio Lower Upper

83 100

55 0.0 55.3 82.9#

98 204.2 37.3 55.9#



#44

Trichloroethene

Concen: 26.800 ug/l

RT: 6.543 min Scan# 1618

Delta R.T. 0.003 min

Lab File: VU049565.D

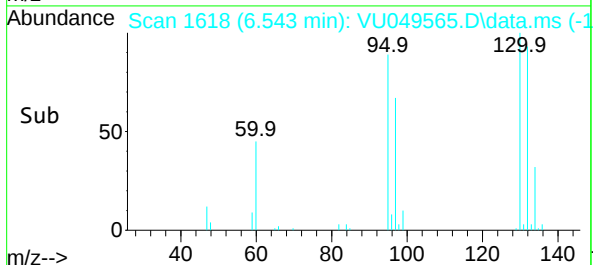
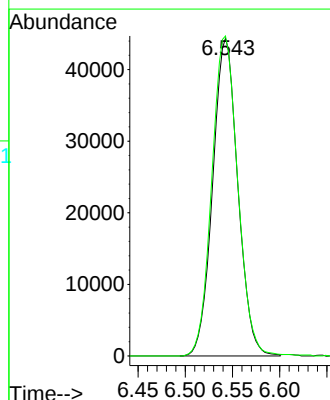
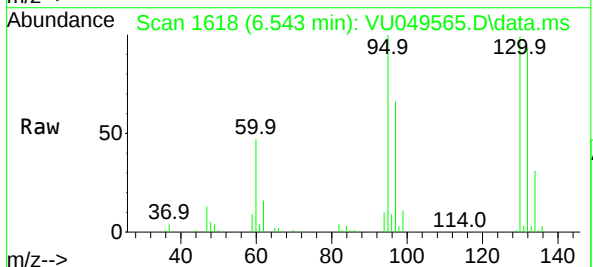
Acq: 30 Jun 2022 15:56

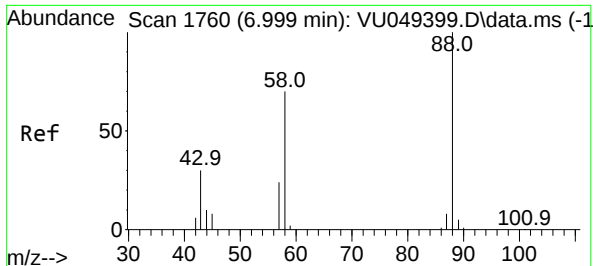
Tgt Ion:130 Resp: 82032

Ion Ratio Lower Upper

130 100

95 100.7 0.0 184.6





#49

1,4-Dioxane

Concen: 0.205 ug/l

RT: 7.002 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU049565.D

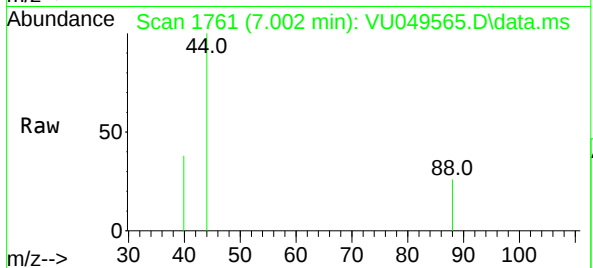
Acq: 30 Jun 2022 15:56

Instrument :

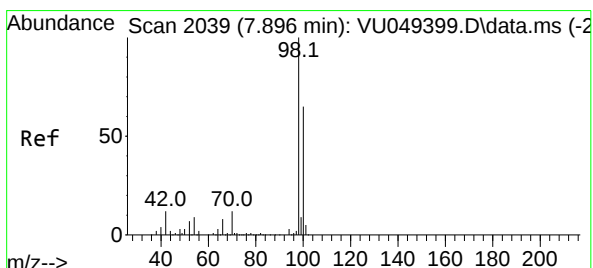
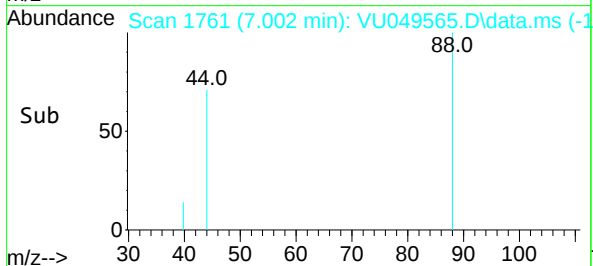
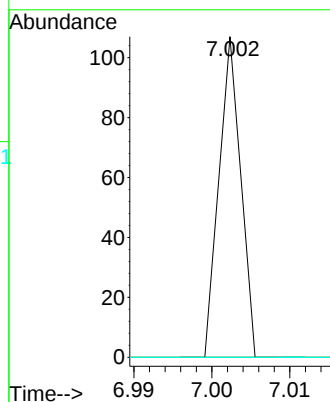
MSVOA_U

ClientSampleId :

RE122D1-20220621DL



Tgt Ion:	88	Resp:	21
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	0.0	15.4	23.0



#50

Toluene-d8

Concen: 48.090 ug/l

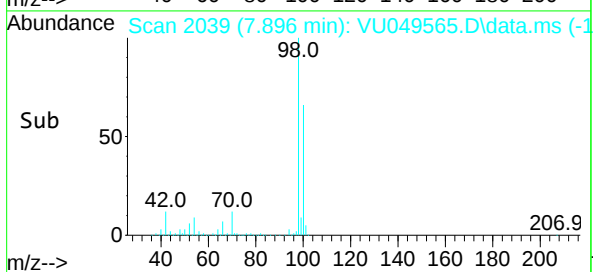
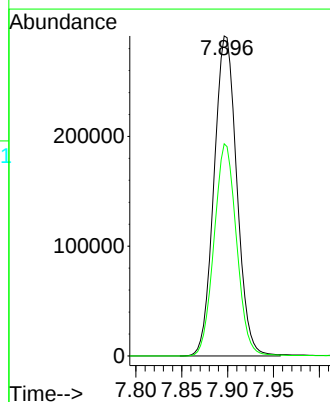
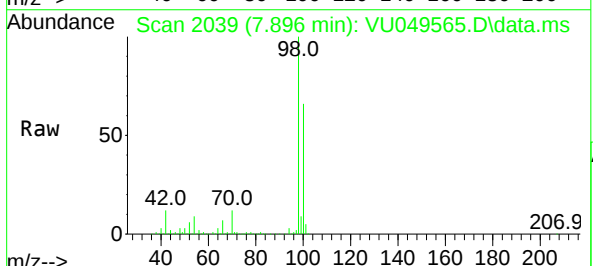
RT: 7.896 min Scan# 2039

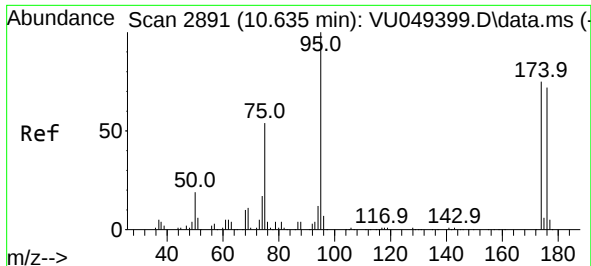
Delta R.T. 0.000 min

Lab File: VU049565.D

Acq: 30 Jun 2022 15:56

Tgt Ion:	98	Resp:	504494
Ion	Ratio	Lower	Upper
98	100		
100	65.3	51.7	77.5

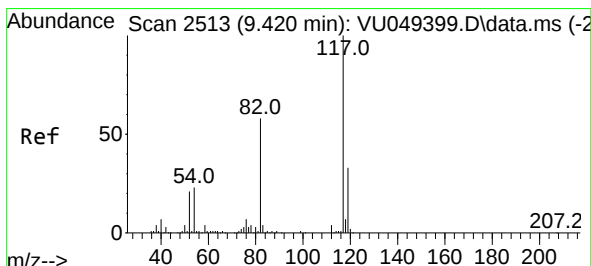
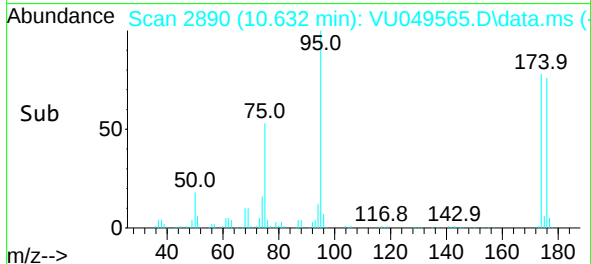
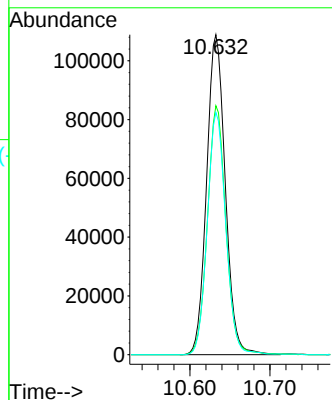
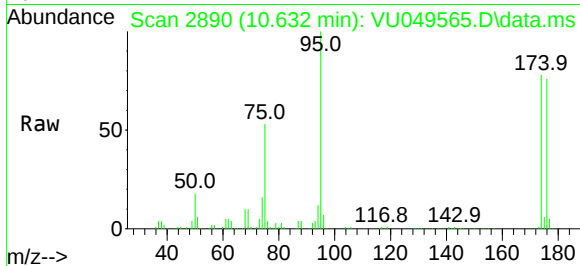




#62
 4-Bromofluorobenzene
 Concen: 44.010 ug/l
 RT: 10.632 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VU049565.D
 Acq: 30 Jun 2022 15:56

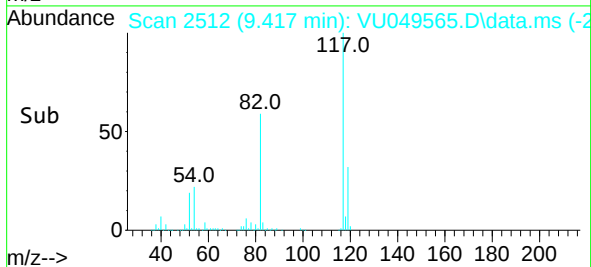
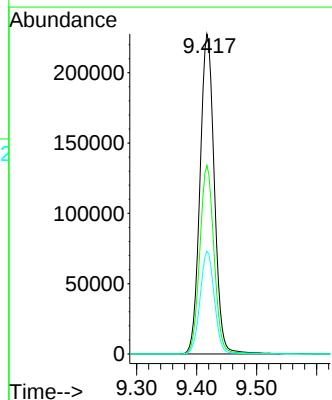
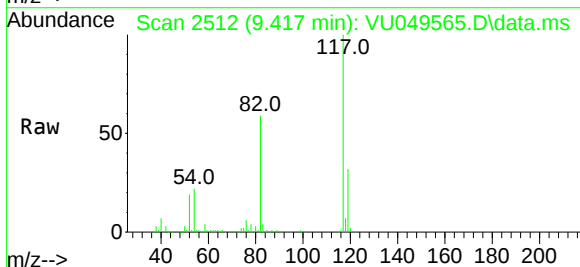
Instrument :
 MSVOA_U
 ClientSampleId :
 RE122D1-20220621DL

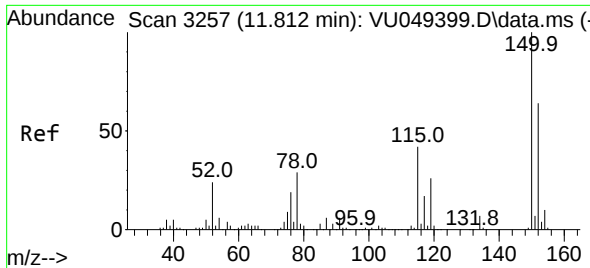
Tgt Ion: 95 Resp: 176860
 Ion Ratio Lower Upper
 95 100
 174 76.8 0.0 182.0
 176 74.8 0.0 177.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 9.417 min Scan# 2512
 Delta R.T. -0.003 min
 Lab File: VU049565.D
 Acq: 30 Jun 2022 15:56

Tgt Ion: 117 Resp: 379374
 Ion Ratio Lower Upper
 117 100
 82 58.9 41.7 62.5
 119 32.1 25.7 38.5

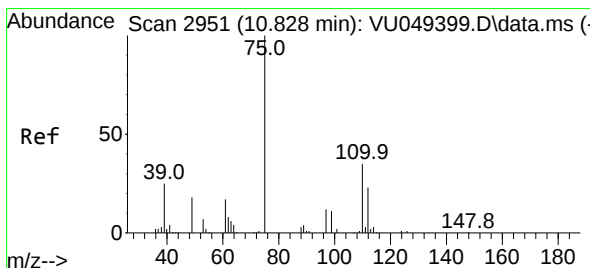
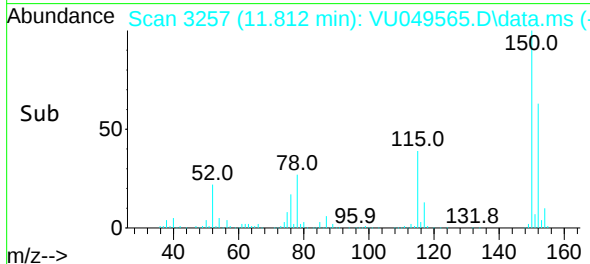
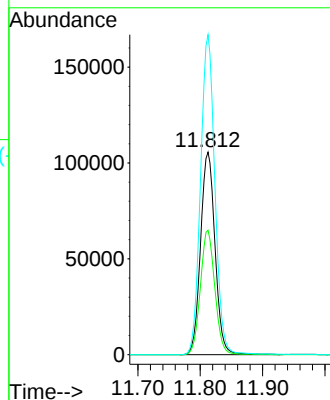
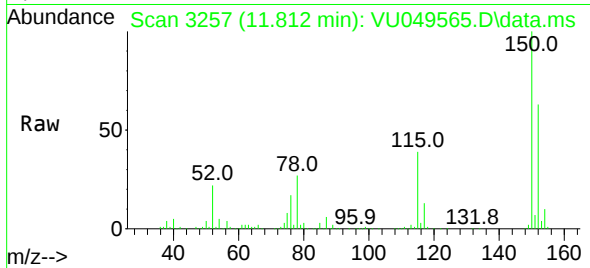




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU049565.D
Acq: 30 Jun 2022 15:56

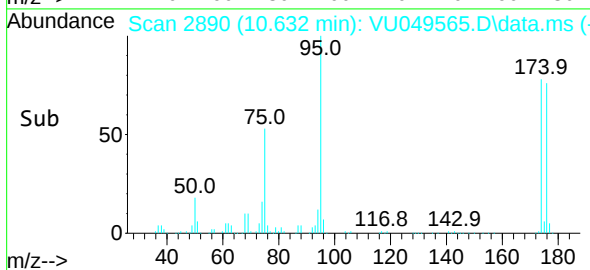
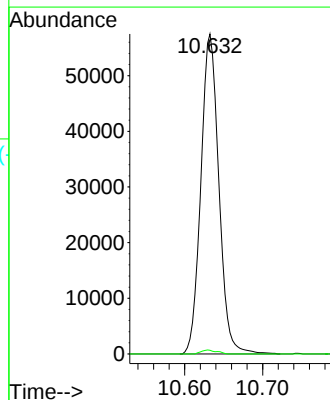
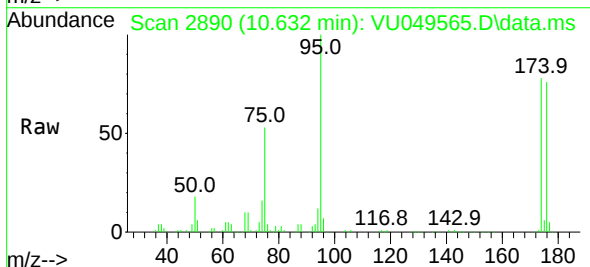
Instrument :
MSVOA_U
ClientSampleId :
RE122D1-20220621DL

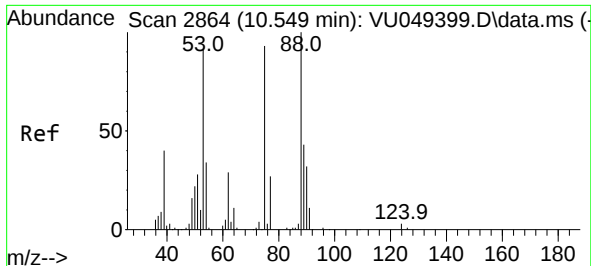
Tgt Ion:152 Resp: 170750
Ion Ratio Lower Upper
152 100
115 61.1 37.0 110.9
150 156.2 0.0 342.2



#76
1,2,3-Trichloropropane
Concen: 15.937 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.196 min
Lab File: VU049565.D
Acq: 30 Jun 2022 15:56

Tgt Ion: 75 Resp: 92247
Ion Ratio Lower Upper
75 100
77 1.1 15.8 47.3#

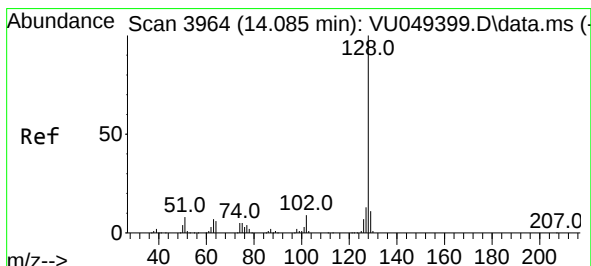
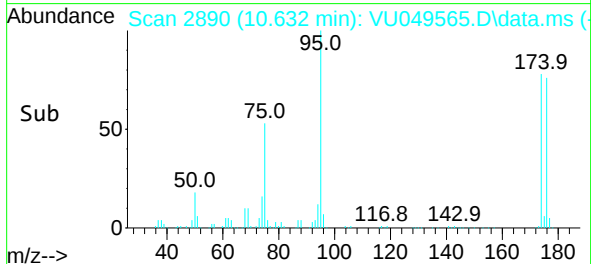
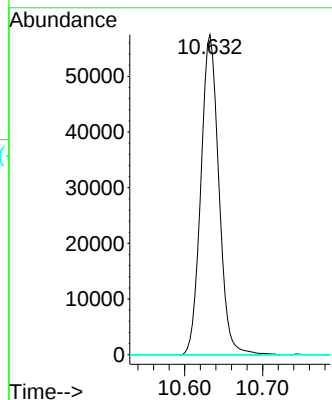
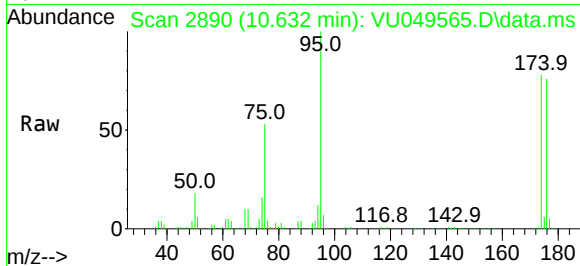




#81
trans-1,4-Dichloro-2-butene
Concen: 58.853 ug/l
RT: 10.632 min Scan# 21
Delta R.T. 0.084 min
Lab File: VU049565.D
Acq: 30 Jun 2022 15:56

Instrument :
MSVOA_U
ClientSampleId :
RE122D1-20220621DL

Tgt Ion: 75 Resp: 92247
Ion Ratio Lower Upper
75 100
53 0.0 69.2 103.8#
89 0.0 37.0 55.6#



#95
Naphthalene
Concen: 1.787 ug/l
RT: 14.111 min Scan# 3972
Delta R.T. 0.026 min
Lab File: VU049565.D
Acq: 30 Jun 2022 15:56

Tgt Ion: 128 Resp: 712
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.6 13.0#

