

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022221\
 Data File : VU042398.D
 Acq On : 22 Feb 2021 16:27
 Operator : SY/MD
 Sample : M1457-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 22 16:50:02 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U021721W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 19 02:55:52 2021
 Response via : Initial Calibration

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

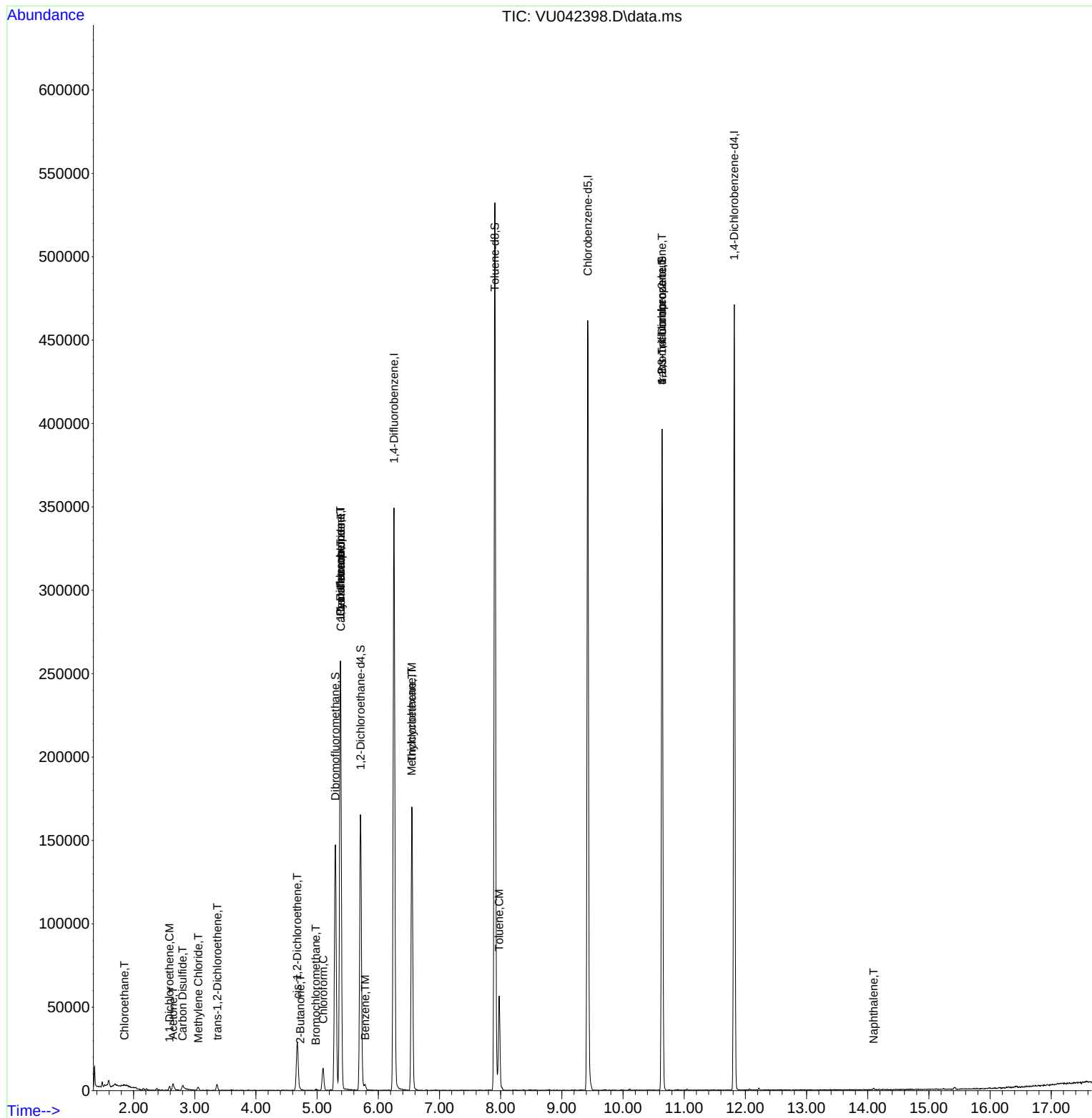
Internal Standards						
1) Pentafluorobenzene	5.382	168	181931	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	273751	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	242522	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	114102	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	132066	47.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.74%	
35) Dibromofluoromethane	5.298	113	91619	47.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.84%	
50) Toluene-d8	7.906	98	333443	48.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.36%	
62) 4-Bromofluorobenzene	10.639	95	119039	43.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.28%	
Target Compounds						
					Qvalue	
6) Chloroethane	1.851	64	283	0.23	ug/l #	42
12) 1,1-Dichloroethene	2.588	96	830	0.49	ug/l	92
16) Acetone	2.646	43	5848	3.42	ug/l	94
17) Carbon Disulfide	2.800	76	2197	0.44	ug/l	99
20) Methylene Chloride	3.060	84	903	0.46	ug/l #	89
21) trans-1,2-Dichloroethene	3.369	96	1464	0.81	ug/l	91
25) 2-Butanone	4.726	43	757	0.33	ug/l #	61
27) cis-1,2-Dichloroethene	4.674	96	14234	6.83	ug/l	90
28) Bromochloromethane	4.980	49	389	0.21	ug/l #	61
30) Chloroform	5.099	83	11154	3.00	ug/l	97
31) Cyclohexane	5.382	56	4261	1.18	ug/l #	26
36) 1,1-Dichloropropene	5.379	75	14330	5.29	ug/l #	51
38) Carbon Tetrachloride	5.385	117	17998	6.22	ug/l #	16
39) Methylcyclohexane	6.546	83	761	0.24	ug/l #	1
40) Benzene	5.787	78	2430	0.32	ug/l #	83
44) Trichloroethene	6.549	130	54598	26.94	ug/l	96
52) Toluene	7.977	92	21143	4.50	ug/l	100
76) 1,2,3-Trichloropropane	10.639	75	67964	24.09	ug/l #	36
81) trans-1,4-Dichloro-2-b...	10.639	75	67964	65.50	ug/l #	7
95) Naphthalene	14.098	128	1079	2.35	ug/l #	74

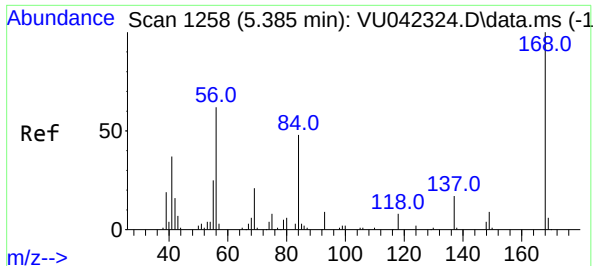
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U021721W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 19 02:55:52 2021
Response via : Initial Calibration

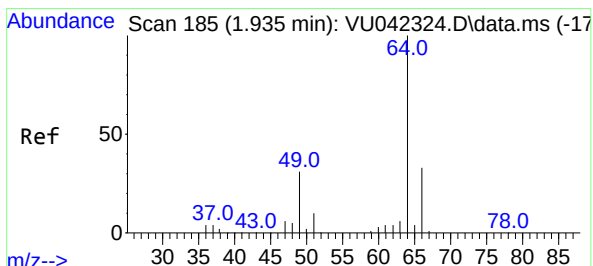
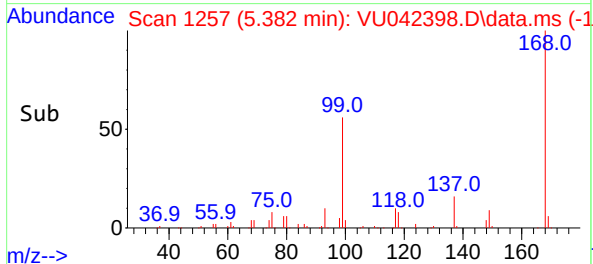
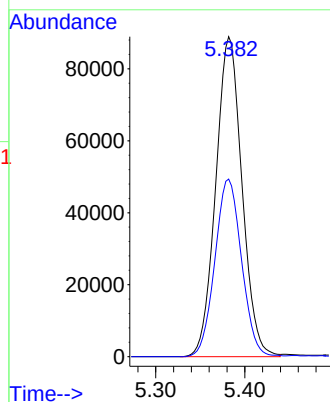
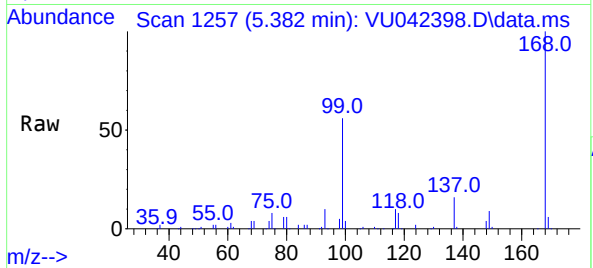




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.003 min
Lab File: VU042398.D
Acq: 22 Feb 2021 16:27

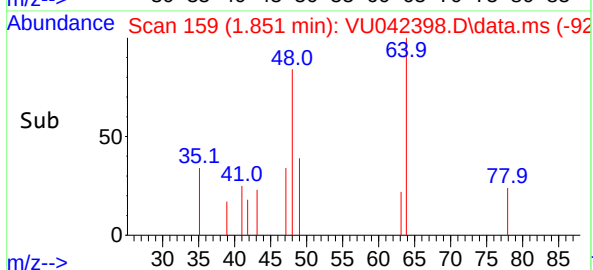
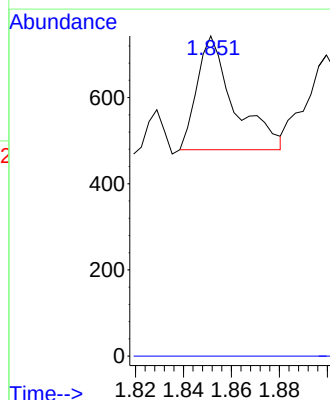
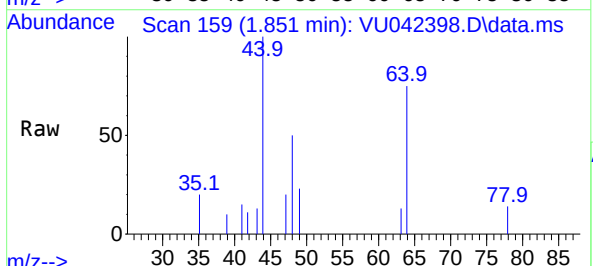
Instrument :
MSVOA_U
ClientSampleId :

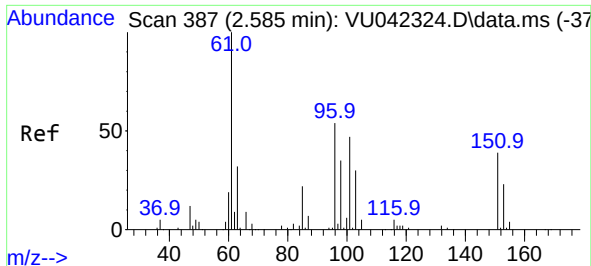
Tgt Ion:168 Resp: 181931
Ion Ratio Lower Upper
168 100
99 55.5 45.0 67.4



#6
Chloroethane
Concen: 0.23 ug/l
RT: 1.851 min Scan# 159
Delta R.T. -0.084 min
Lab File: VU042398.D
Acq: 22 Feb 2021 16:27

Tgt Ion: 64 Resp: 283
Ion Ratio Lower Upper
64 100
66 0.0 26.4 39.6#





#12

1,1-Dichloroethene

Concen: 0.49 ug/l

RT: 2.588 min Scan# 388

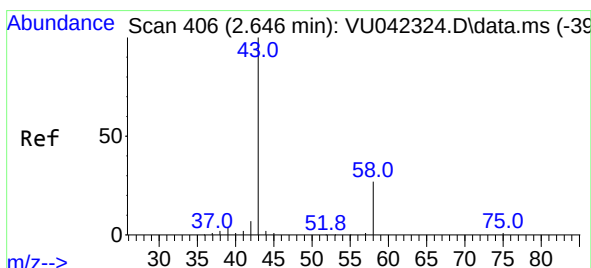
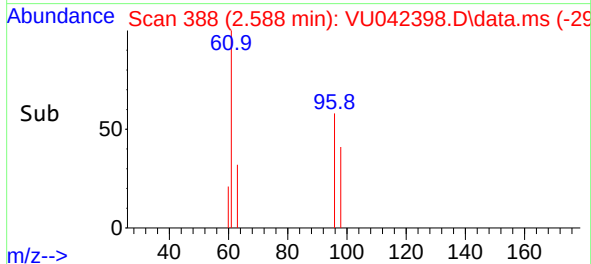
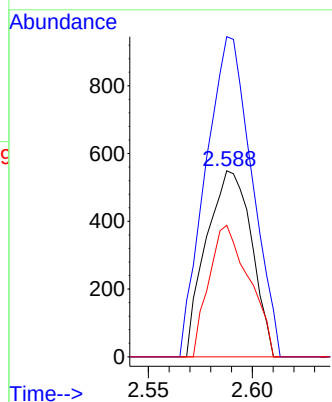
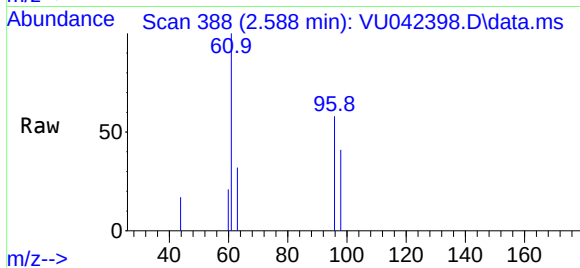
Delta R.T. 0.003 min

Lab File: VU042398.D

Acq: 22 Feb 2021 16:27

Tgt Ion: 96 Resp: 830

Ion	Ratio	Lower	Upper
96	100		
61	172.1	147.4	221.0
98	70.7	51.4	77.2



#16

Acetone

Concen: 3.42 ug/l

RT: 2.646 min Scan# 406

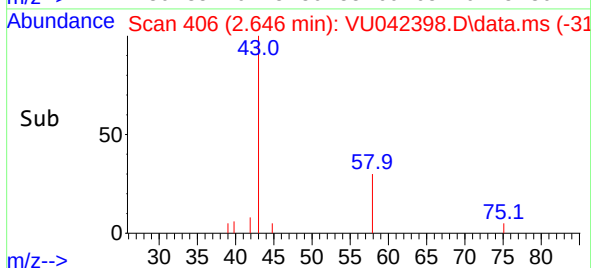
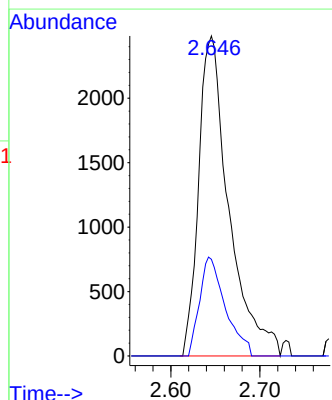
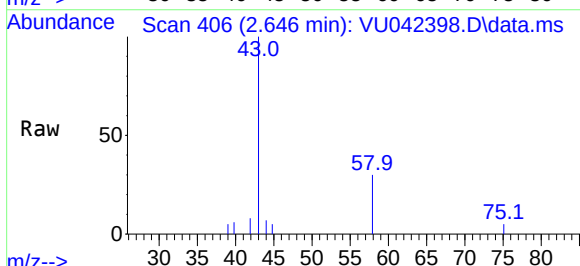
Delta R.T. -0.000 min

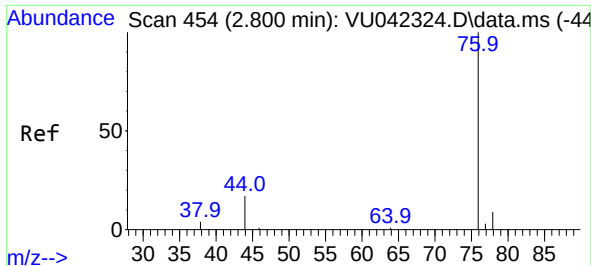
Lab File: VU042398.D

Acq: 22 Feb 2021 16:27

Tgt Ion: 43 Resp: 5848

Ion	Ratio	Lower	Upper
43	100		
58	30.2	21.5	32.3

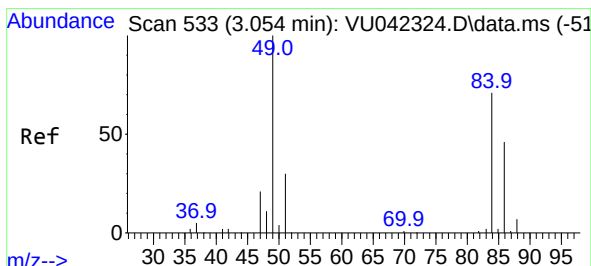
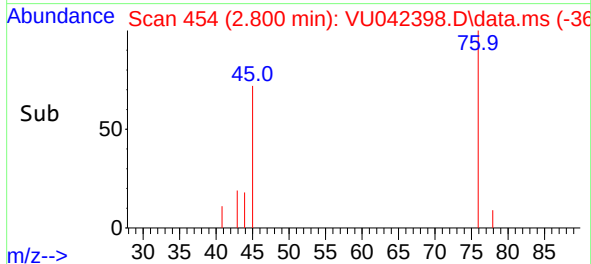
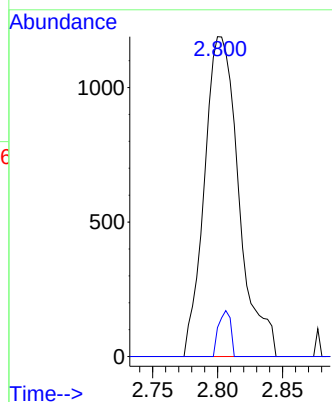
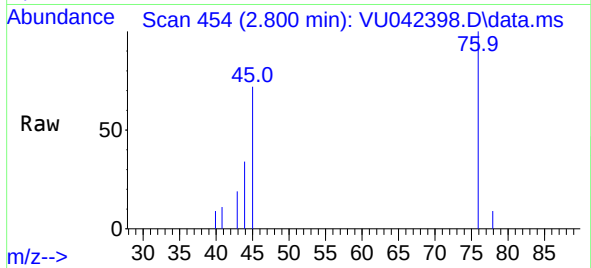




#17
Carbon Disulfide
Concen: 0.44 ug/l
RT: 2.800 min Scan# 454
Delta R.T. -0.000 min
Lab File: VU042398.D
Acq: 22 Feb 2021 16:27

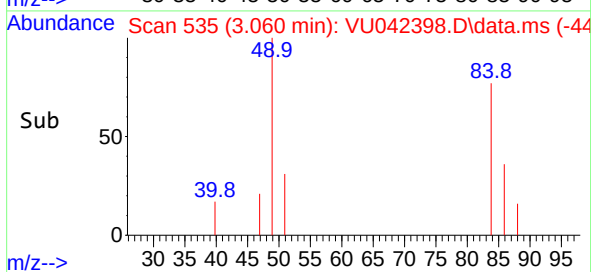
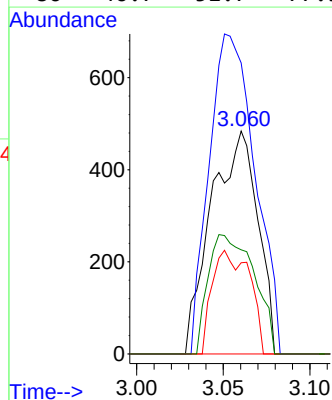
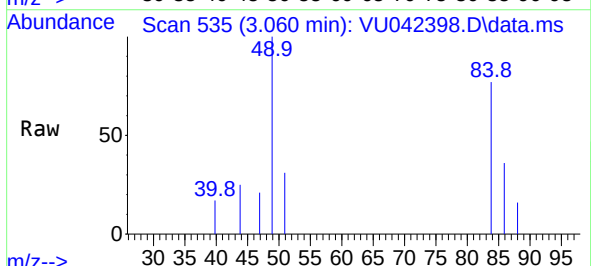
Instrument :
MSVOA_U
ClientSampled :

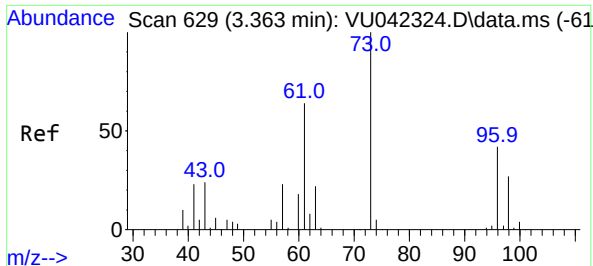
Tgt Ion: 76 Resp: 2197
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3



#20
Methylene Chloride
Concen: 0.46 ug/l
RT: 3.060 min Scan# 535
Delta R.T. 0.006 min
Lab File: VU042398.D
Acq: 22 Feb 2021 16:27

Tgt Ion: 84 Resp: 903
Ion Ratio Lower Upper
84 100
49 130.6 112.6 169.0
51 40.9 33.7 50.5
86 46.7 51.7 77.5#

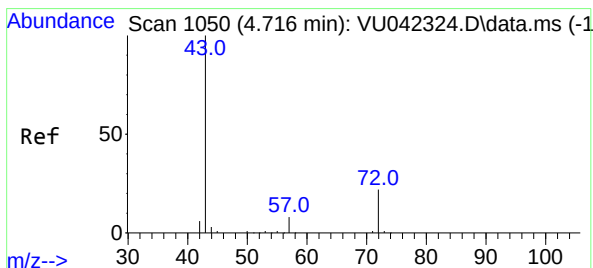
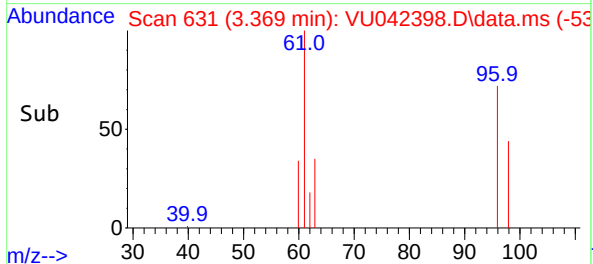
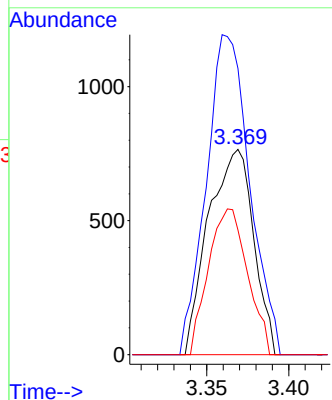
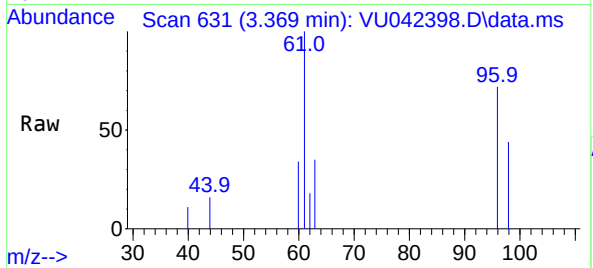




#21
trans-1,2-Dichloroethene
Concen: 0.81 ug/l
RT: 3.369 min Scan# 631
Delta R.T. 0.006 min
Lab File: VU042398.D
Acq: 22 Feb 2021 16:27

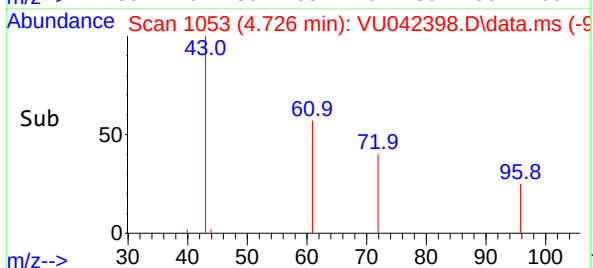
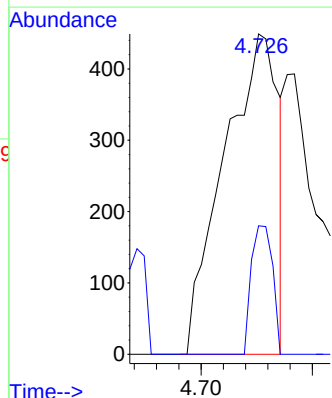
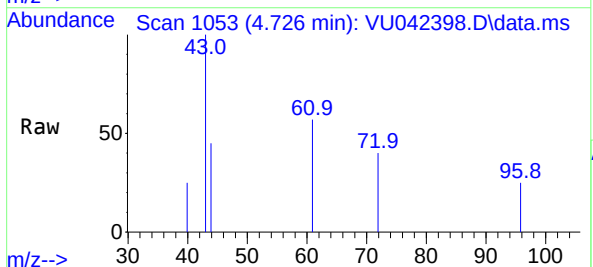
Instrument :
MSVOA_U
ClientSampled :

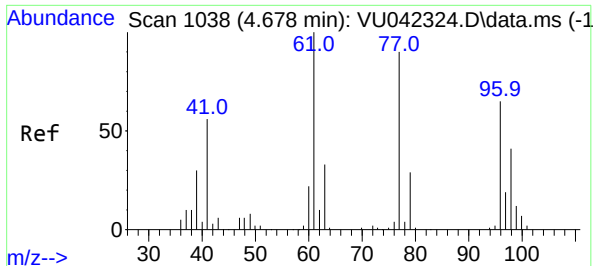
Tgt Ion: 96 Resp: 1464
Ion Ratio Lower Upper
96 100
61 139.4 122.4 183.6
98 60.7 51.9 77.9



#25
2-Butanone
Concen: 0.33 ug/l
RT: 4.726 min Scan# 1053
Delta R.T. 0.010 min
Lab File: VU042398.D
Acq: 22 Feb 2021 16:27

Tgt Ion: 43 Resp: 757
Ion Ratio Lower Upper
43 100
72 40.1 17.4 26.0#

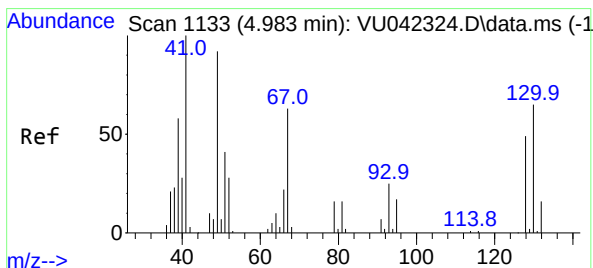
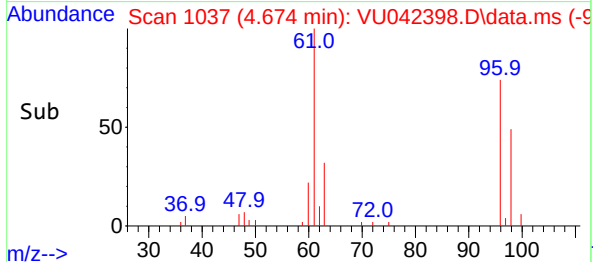
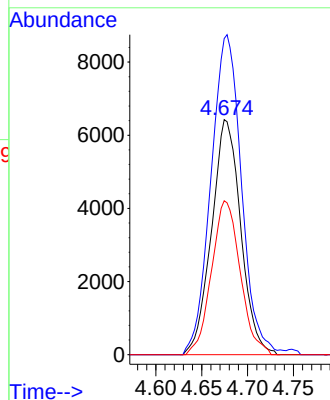
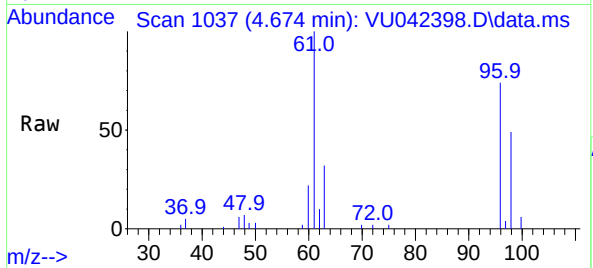




#27
cis-1,2-Dichloroethene
Concen: 6.83 ug/l
RT: 4.674 min Scan# 1037
Delta R.T. -0.003 min
Lab File: VU042398.D
Acq: 22 Feb 2021 16:27

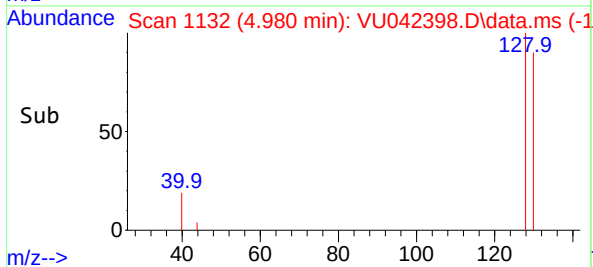
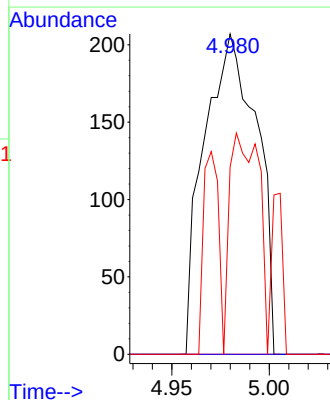
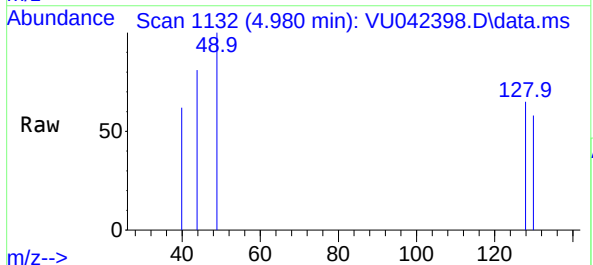
Instrument :
MSVOA_U
ClientSampled :

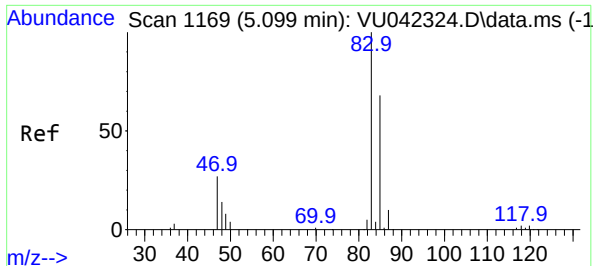
Tgt Ion:	96	Resp:	14234
Ion	Ratio	Lower	Upper
96	100		
61	142.2	0.0	322.2
98	64.3	0.0	128.6



#28
Bromochloromethane
Concen: 0.21 ug/l
RT: 4.980 min Scan# 1132
Delta R.T. -0.003 min
Lab File: VU042398.D
Acq: 22 Feb 2021 16:27

Tgt Ion:	49	Resp:	389
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.4
130	38.3	57.1	85.7#



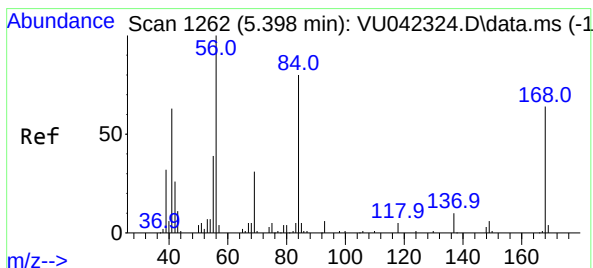
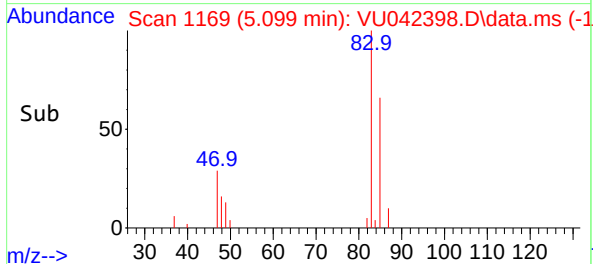
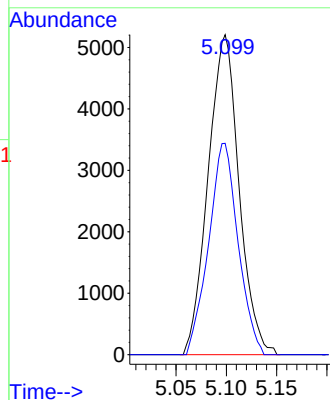
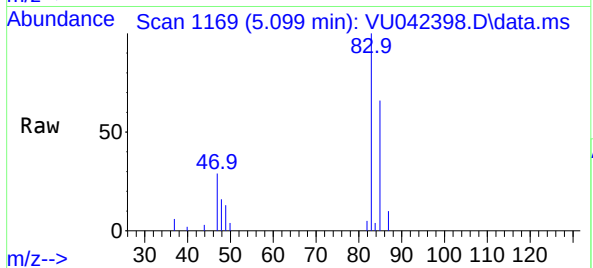


#30

Chloroform
Concen: 3.00 ug/l
RT: 5.099 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VU042398.D
Acq: 22 Feb 2021 16:27

Instrument :
MSVOA_U
ClientSampled :

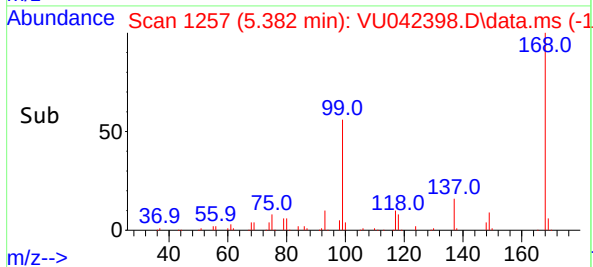
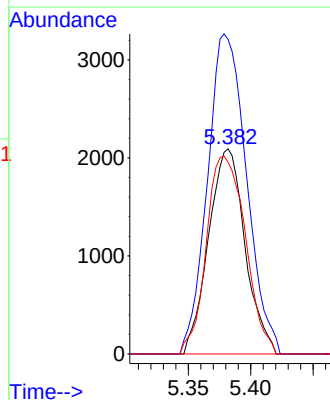
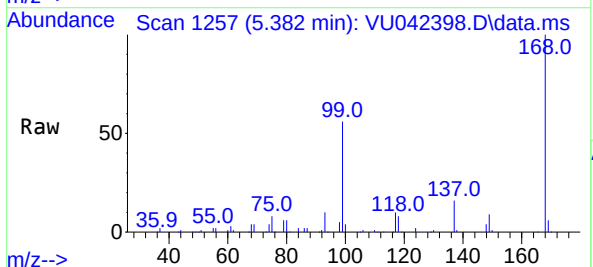
Tgt Ion: 83 Resp: 11154
Ion Ratio Lower Upper
83 100
85 66.1 54.6 81.8

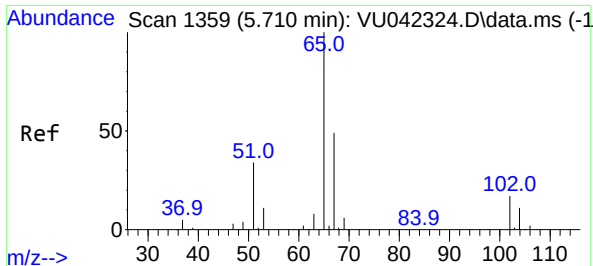


#31

Cyclohexane
Concen: 1.18 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.016 min
Lab File: VU042398.D
Acq: 22 Feb 2021 16:27

Tgt Ion: 56 Resp: 4261
Ion Ratio Lower Upper
56 100
69 153.4 24.9 37.3#
84 93.5 63.7 95.5

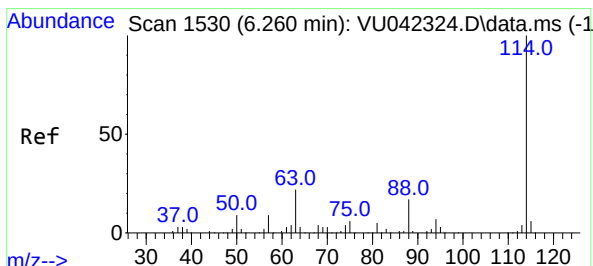
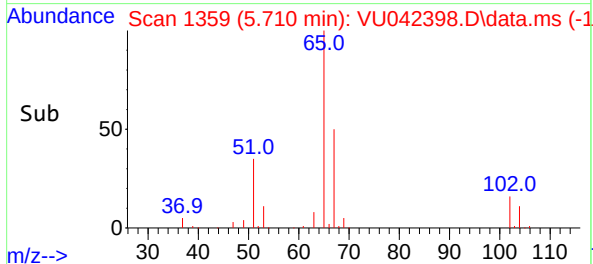
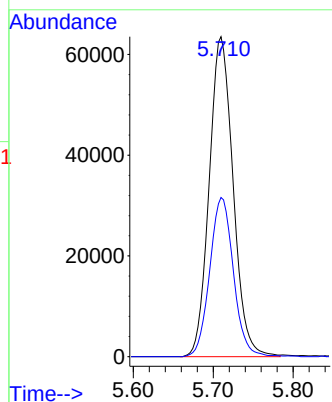
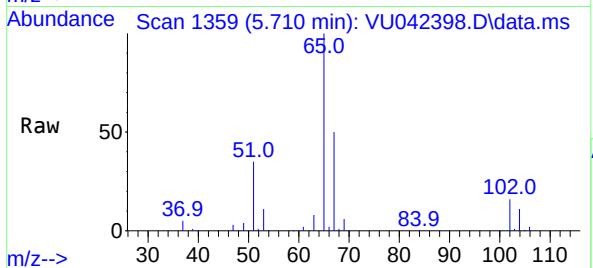




#33
1,2-Dichloroethane-d4
Concen: 47.87 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VU042398.D
Acq: 22 Feb 2021 16:27

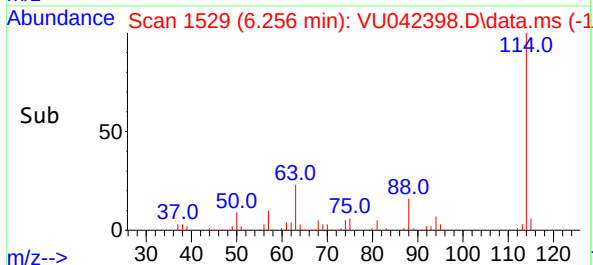
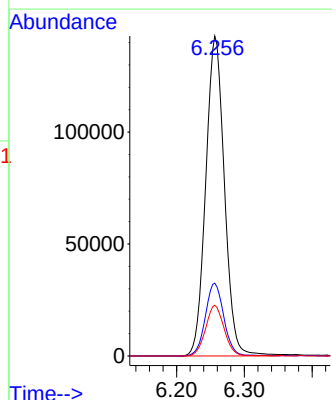
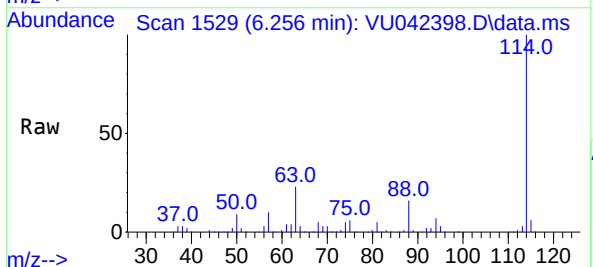
Instrument :
MSVOA_U
ClientSampleId :

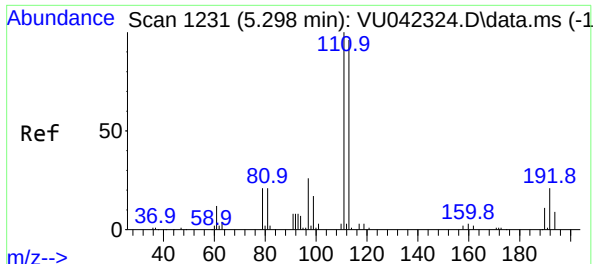
Tgt Ion: 65 Resp: 132066
Ion Ratio Lower Upper
65 100
67 49.3 0.0 99.8



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. -0.003 min
Lab File: VU042398.D
Acq: 22 Feb 2021 16:27

Tgt Ion:114 Resp: 273751
Ion Ratio Lower Upper
114 100
63 22.8 0.0 44.2
88 15.9 0.0 33.4



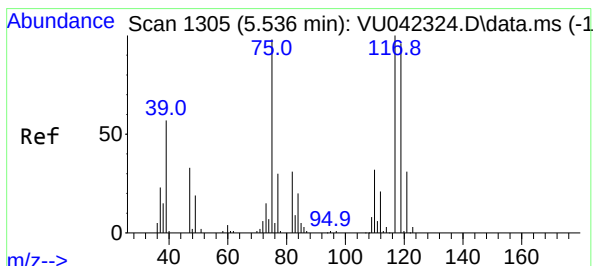
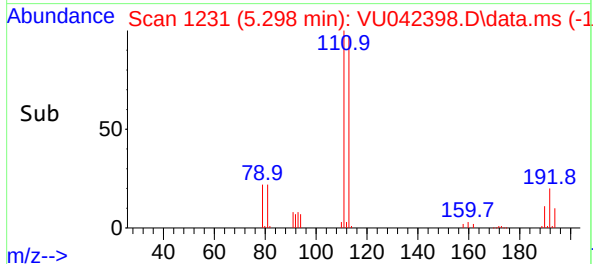
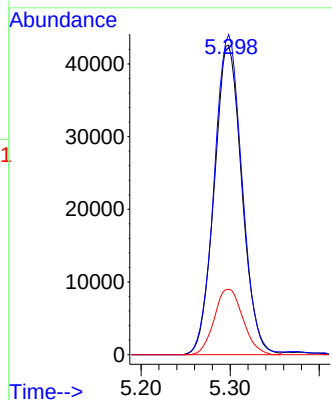
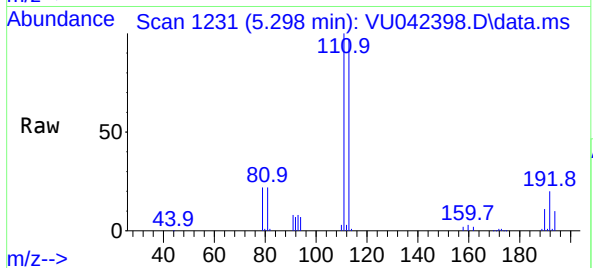


#35
Dibromofluoromethane
Concen: 47.42 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VU042398.D
Acq: 22 Feb 2021 16:27

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 113 Resp: 91619

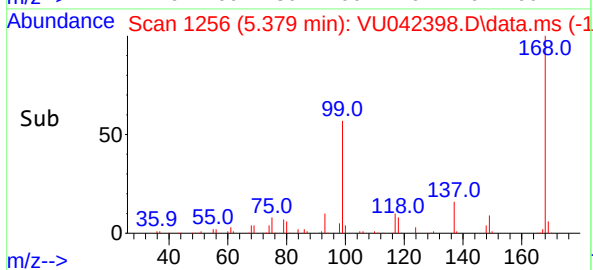
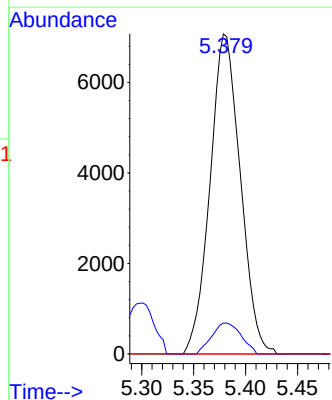
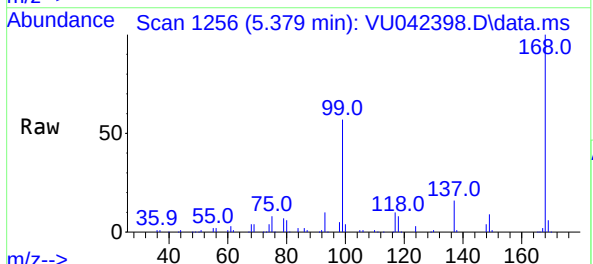
Ion	Ratio	Lower	Upper
113	100		
111	104.0	81.8	122.8
192	21.9	17.2	25.8

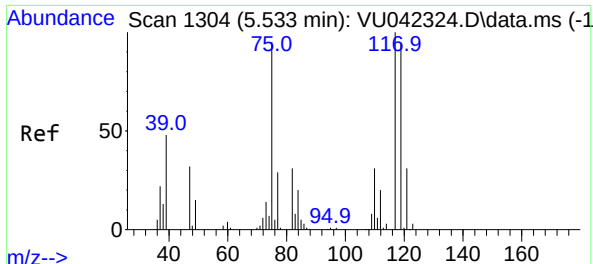


#36
1,1-Dichloropropene
Concen: 5.29 ug/l
RT: 5.379 min Scan# 1256
Delta R.T. -0.158 min
Lab File: VU042398.D
Acq: 22 Feb 2021 16:27

Tgt Ion: 75 Resp: 14330

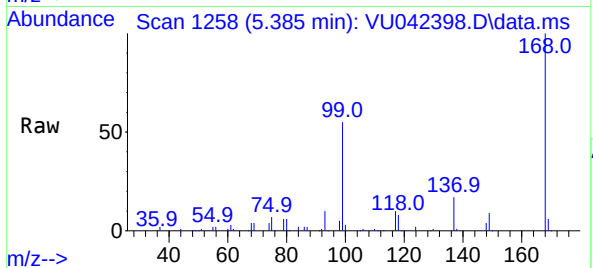
Ion	Ratio	Lower	Upper
75	100		
110	9.4	16.8	50.3#
77	0.0	24.8	37.2#



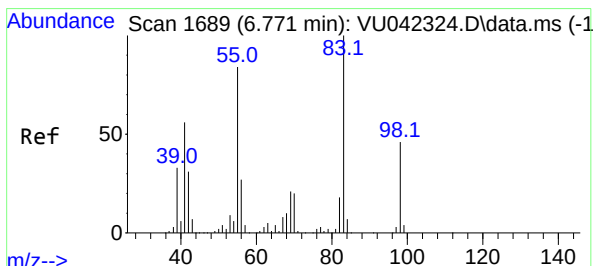
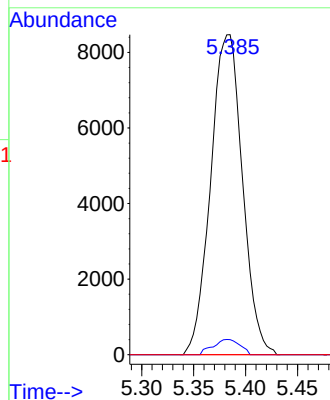
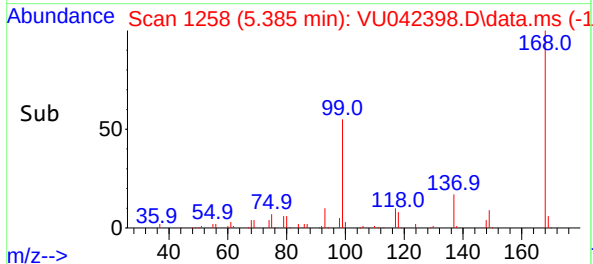


#38
Carbon Tetrachloride
Concen: 6.22 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. -0.148 min
Lab File: VU042398.D
Acq: 22 Feb 2021 16:27

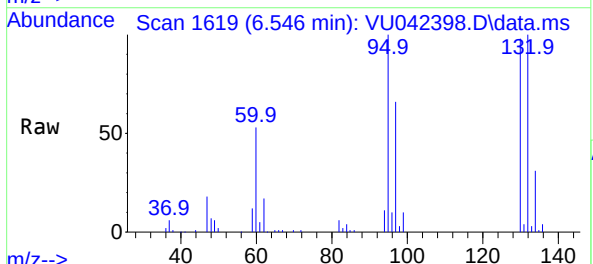
Instrument :
MSVOA_U
ClientSampled :



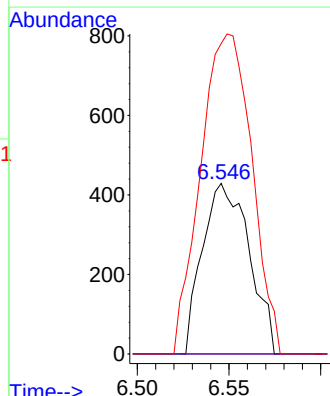
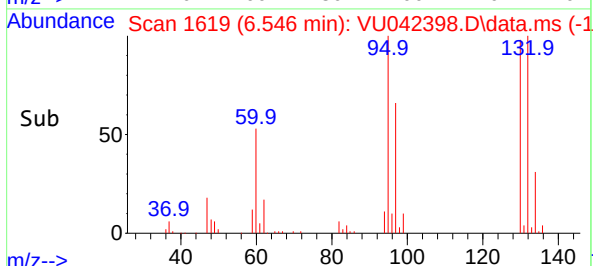
Tgt Ion:117 Resp: 17998
Ion Ratio Lower Upper
117 100
119 4.7 75.5 113.3#
121 0.0 24.7 37.1#

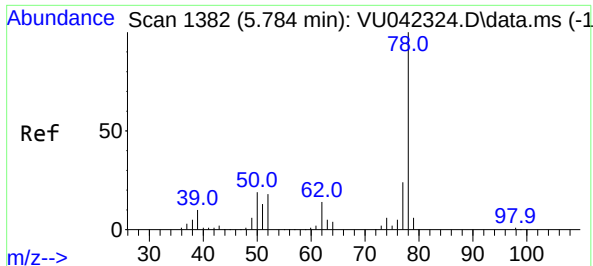


#39
Methylcyclohexane
Concen: 0.24 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. -0.225 min
Lab File: VU042398.D
Acq: 22 Feb 2021 16:27



Tgt Ion: 83 Resp: 761
Ion Ratio Lower Upper
83 100
55 0.0 66.8 100.2#
98 182.1 36.9 55.3#

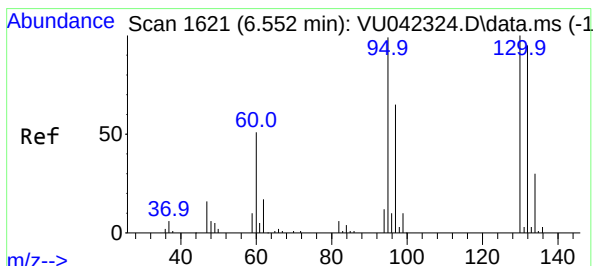
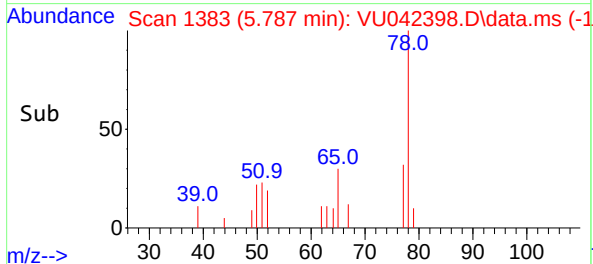
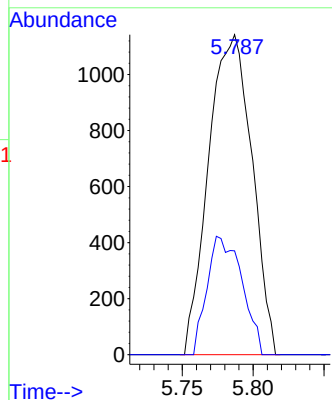
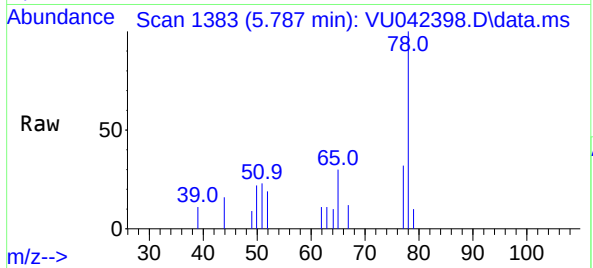




#40
Benzene
Concen: 0.32 ug/l
RT: 5.787 min Scan# 1383
Delta R.T. 0.003 min
Lab File: VU042398.D
Acq: 22 Feb 2021 16:27

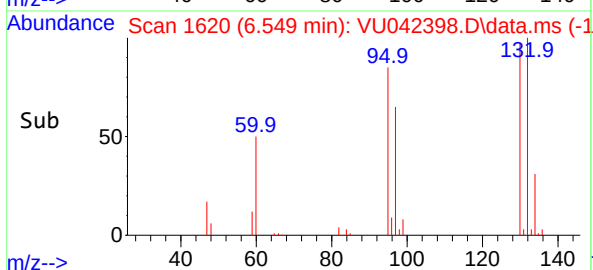
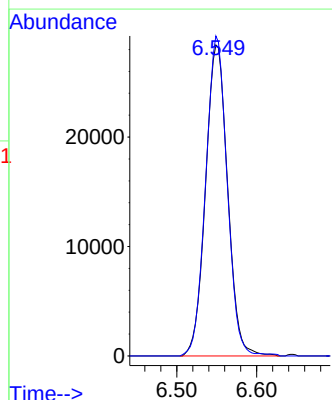
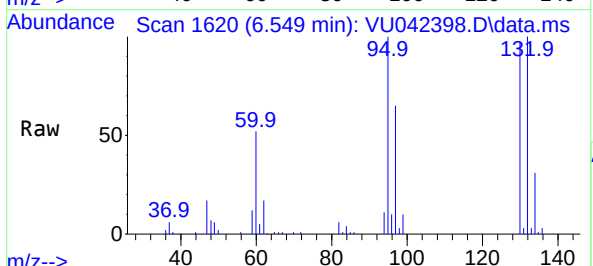
Instrument :
MSVOA_U
ClientSampled :

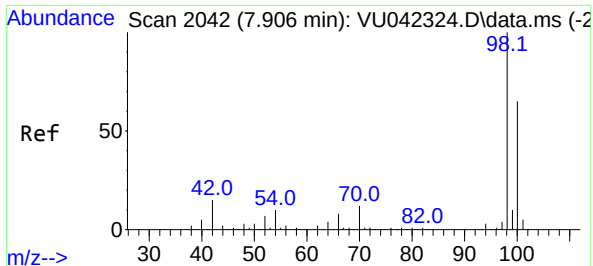
Tgt Ion: 78 Resp: 2430
Ion Ratio Lower Upper
78 100
77 32.5 19.3 28.9#



#44
Trichloroethene
Concen: 26.94 ug/l
RT: 6.549 min Scan# 1620
Delta R.T. -0.003 min
Lab File: VU042398.D
Acq: 22 Feb 2021 16:27

Tgt Ion:130 Resp: 54598
Ion Ratio Lower Upper
130 100
95 102.9 0.0 197.8





#50

Toluene-d8

Concen: 48.18 ug/l

RT: 7.906 min Scan# 2042

Delta R.T. -0.000 min

Lab File: VU042398.D

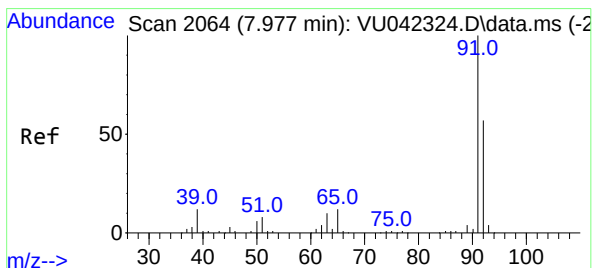
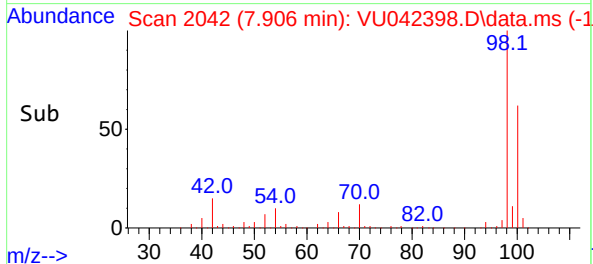
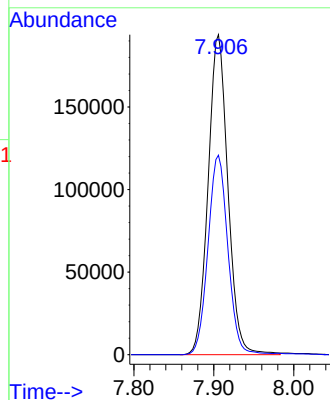
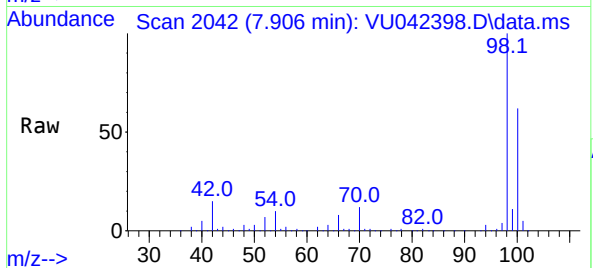
Acq: 22 Feb 2021 16:27

Tgt Ion: 98 Resp: 333443

Ion Ratio Lower Upper

98 100

100 62.6 50.2 75.2



#52

Toluene

Concen: 4.50 ug/l

RT: 7.977 min Scan# 2064

Delta R.T. -0.000 min

Lab File: VU042398.D

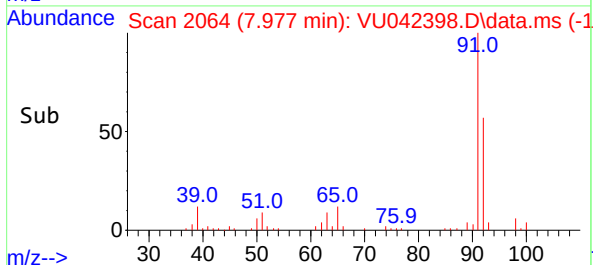
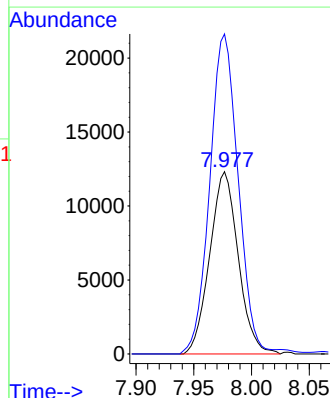
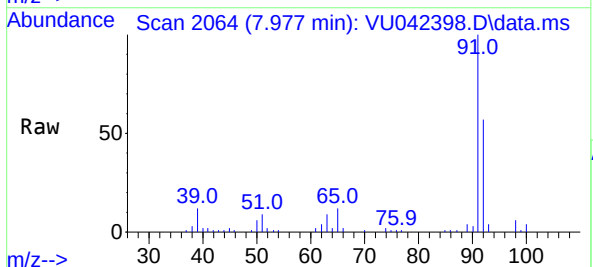
Acq: 22 Feb 2021 16:27

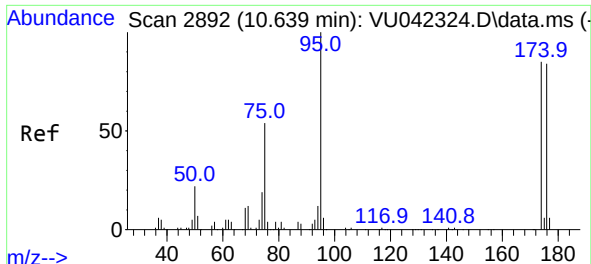
Tgt Ion: 92 Resp: 21143

Ion Ratio Lower Upper

92 100

91 176.1 140.3 210.5

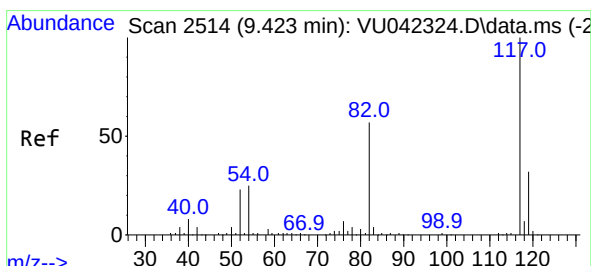
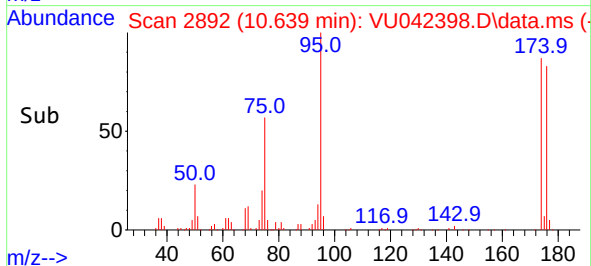
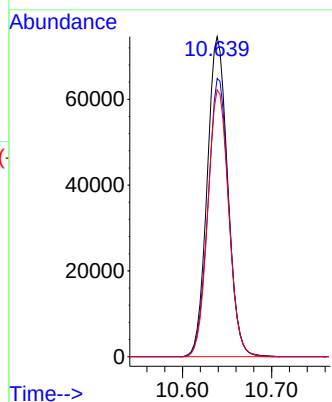
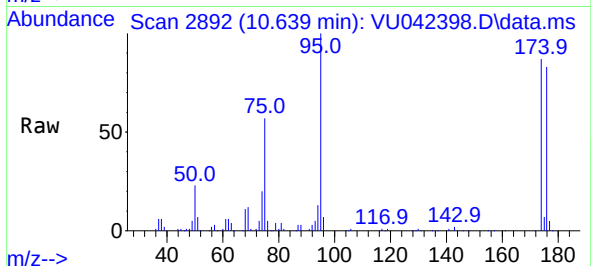




#62
4-Bromofluorobenzene
Concen: 43.64 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU042398.D
Acq: 22 Feb 2021 16:27

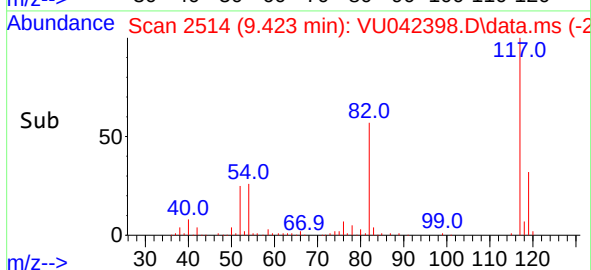
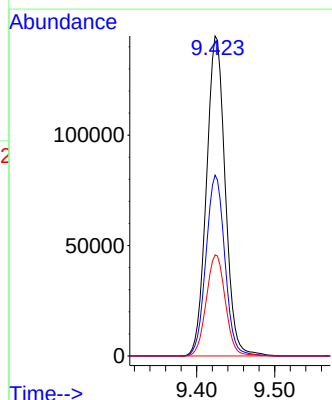
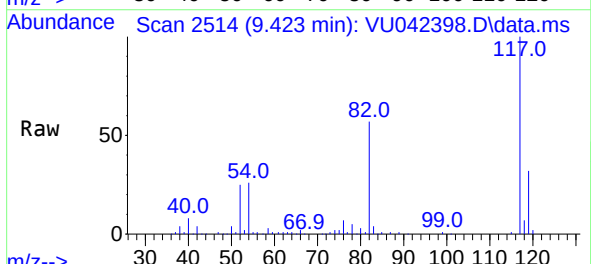
Instrument :
MSVOA_U
ClientSampleId :

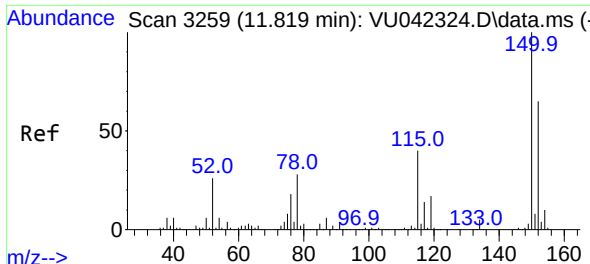
Tgt Ion: 95 Resp: 119039
Ion Ratio Lower Upper
95 100
174 87.6 0.0 172.2
176 84.5 0.0 168.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. -0.000 min
Lab File: VU042398.D
Acq: 22 Feb 2021 16:27

Tgt Ion: 117 Resp: 242522
Ion Ratio Lower Upper
117 100
82 56.5 45.8 68.6
119 31.6 25.8 38.8

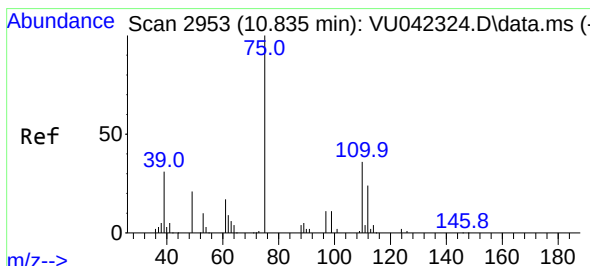
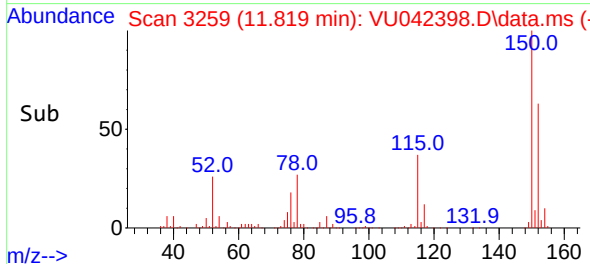
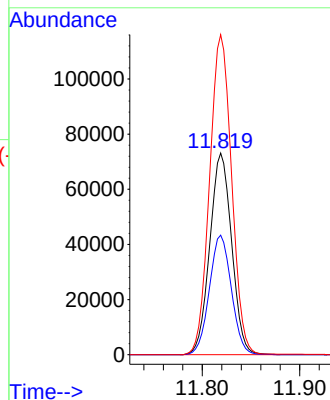
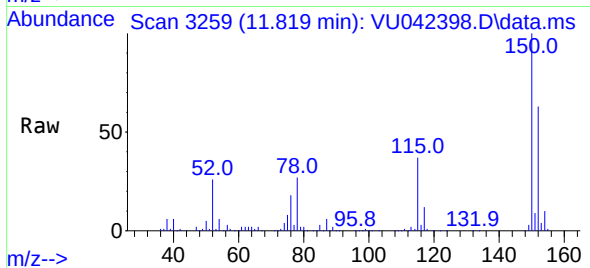




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU042398.D
Acq: 22 Feb 2021 16:27

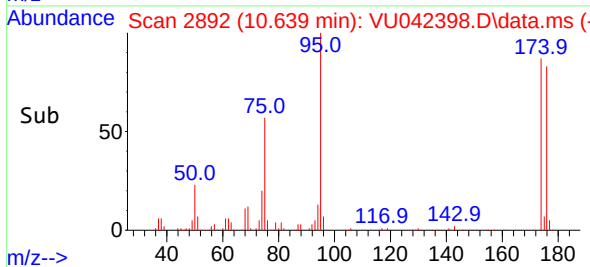
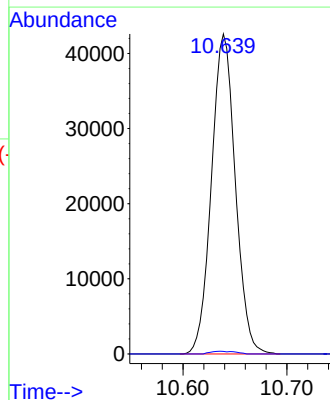
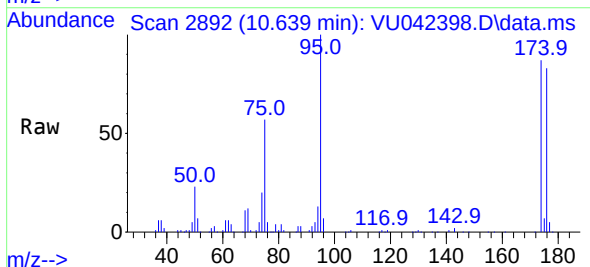
Instrument :
MSVOA_U
ClientSampleId :

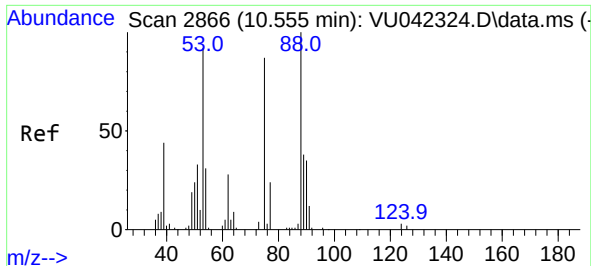
Tgt Ion:152 Resp: 114102
Ion Ratio Lower Upper
152 100
115 59.5 41.5 124.6
150 159.7 0.0 342.4



#76
1,2,3-Trichloropropane
Concen: 24.09 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.196 min
Lab File: VU042398.D
Acq: 22 Feb 2021 16:27

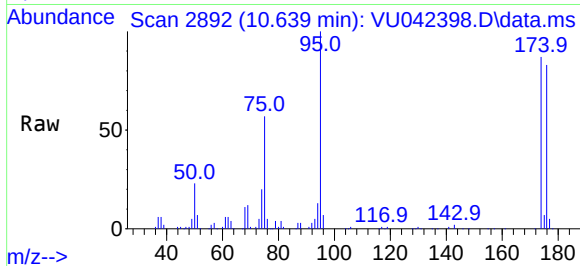
Tgt Ion: 75 Resp: 67964
Ion Ratio Lower Upper
75 100
77 0.9 20.2 60.5#



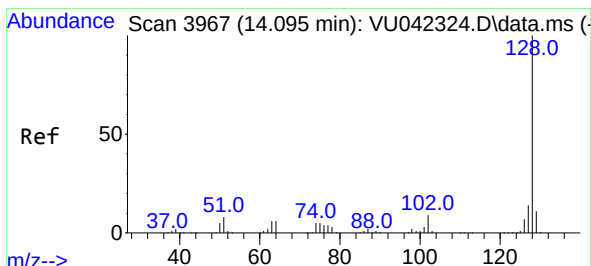
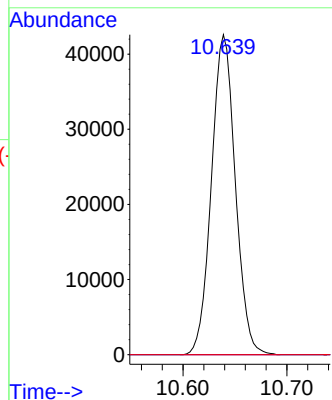
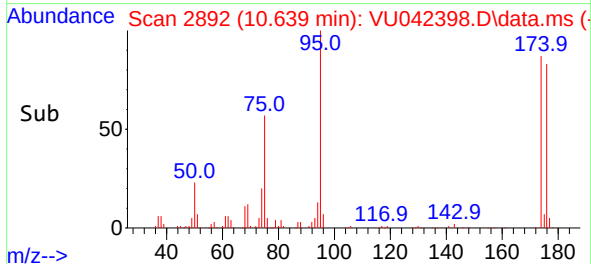


#81
trans-1,4-Dichloro-2-butene
Concen: 65.50 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.084 min
Lab File: VU042398.D
Acq: 22 Feb 2021 16:27

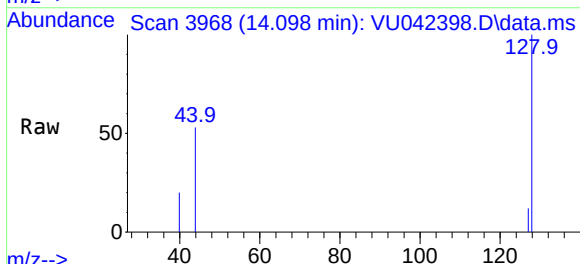
Instrument :
MSVOA_U
ClientSampled :



Tgt Ion: 75 Resp: 67964
Ion Ratio Lower Upper
75 100
53 0.0 85.6 128.4#
89 0.0 35.7 53.5#



#95
Naphthalene
Concen: 2.35 ug/l
RT: 14.098 min Scan# 3968
Delta R.T. 0.003 min
Lab File: VU042398.D
Acq: 22 Feb 2021 16:27



Tgt Ion: 128 Resp: 1079
Ion Ratio Lower Upper
128 100
127 3.8 10.8 16.2#
129 0.0 8.6 13.0#

