

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022221\
 Data File : VU042397.D
 Acq On : 22 Feb 2021 16:06
 Operator : SY/MD
 Sample : M1457-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 22 16:28:33 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)

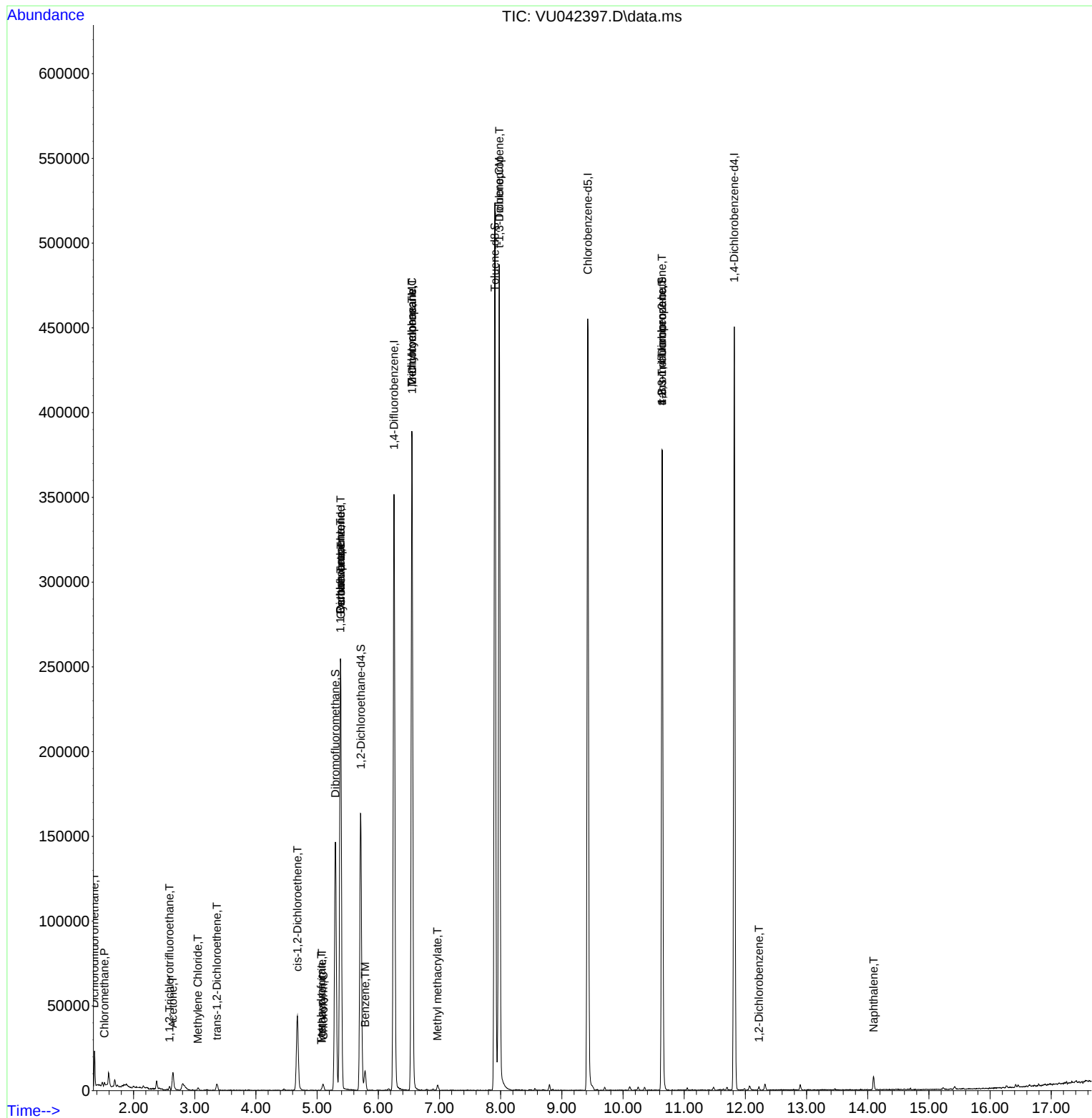
Internal Standards						
1) Pentafluorobenzene	5.382	168	180193	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	270177	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	241277	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	111940	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.713	65	130346	47.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.40%	
35) Dibromofluoromethane	5.298	113	91867	48.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.34%	
50) Toluene-d8	7.906	98	329805	48.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.58%	
62) 4-Bromofluorobenzene	10.639	95	118167	43.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.80%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.359	85	972	0.45	ug/l	99
3) Chloromethane	1.523	50	1233	0.56	ug/l #	82
9) 1,1,2-Trichlorotrifluo...	2.587	101	511	0.30	ug/l	94
16) Acetone	2.642	43	14231	8.40	ug/l	98
20) Methylene Chloride	3.047	84	431	0.22	ug/l #	88
21) trans-1,2-Dichloroethene	3.362	96	1768	0.99	ug/l #	76
27) cis-1,2-Dichloroethene	4.677	96	20788	10.08	ug/l	91
29) Tetrahydrofuran	5.070	42	442	0.32	ug/l #	37
30) Chloroform	5.102	83	3067	0.83	ug/l	91
31) Cyclohexane	5.385	56	4016	1.12	ug/l #	13
36) 1,1-Dichloropropene	5.378	75	14253	5.33	ug/l #	47
38) Carbon Tetrachloride	5.382	117	17580	6.16	ug/l #	17
39) Methylcyclohexane	6.549	83	1618	0.52	ug/l #	1
40) Benzene	5.787	78	9135	1.22	ug/l	93
41) Methacrylonitrile	5.079	41	432	0.20	ug/l #	39
44) Trichloroethene	6.549	130	122576	61.29	ug/l	95
45) 1,2-Dichloropropane	6.552	63	445	0.21	ug/l #	1
48) Methyl methacrylate	6.967	41	1731	0.57	ug/l #	85
52) Toluene	7.976	92	189497	40.91	ug/l	97
53) t-1,3-Dichloropropene	7.980	75	2592	0.83	ug/l #	1
76) 1,2,3-Trichloropropane	10.639	75	66222	23.93	ug/l #	36
81) trans-1,4-Dichloro-2-b...	10.639	75	66222	65.05	ug/l #	7
91) 1,2-Dichlorobenzene	12.224	146	746	0.21	ug/l	90
95) Naphthalene	14.095	128	6617	3.06	ug/l	96

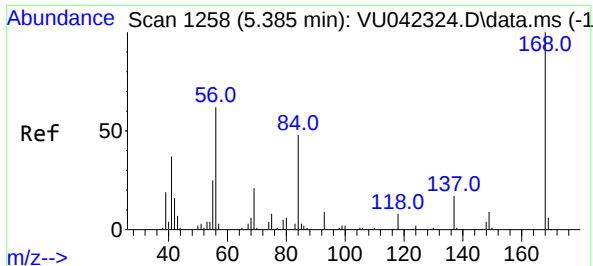
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022221\
Data File : VU042397.D
Acq On : 22 Feb 2021 16:06
Operator : SY/MD
Sample : M1457-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Feb 22 16:28:33 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

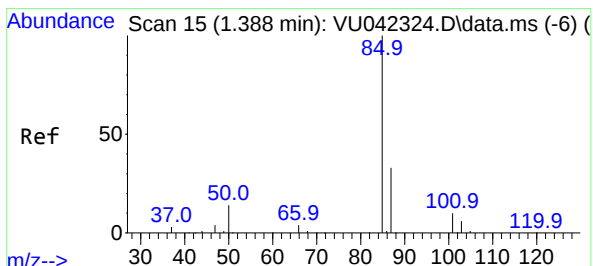
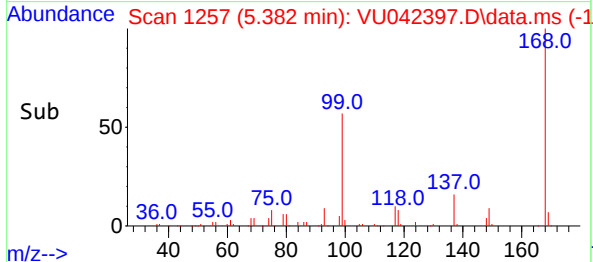
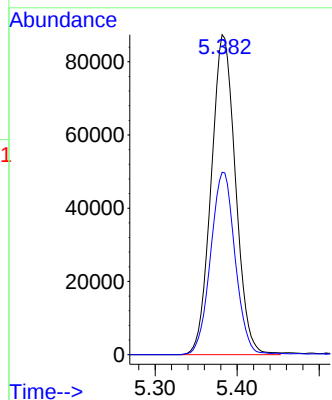
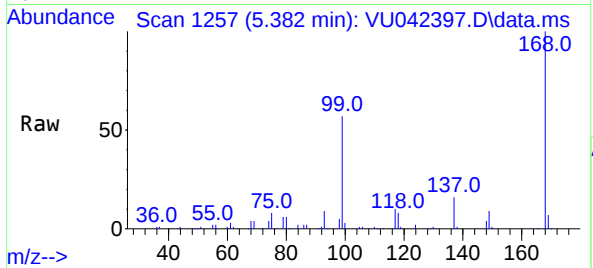




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.003 min
Lab File: VU042397.D
Acq: 22 Feb 2021 16:06

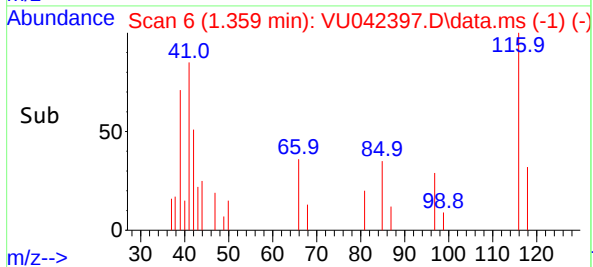
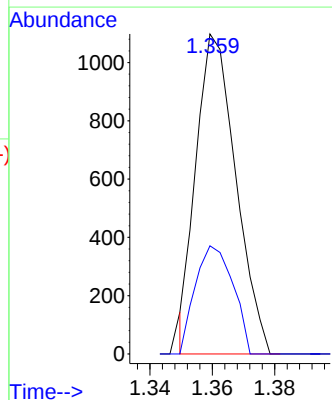
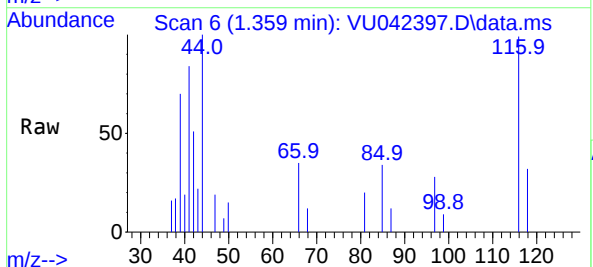
Instrument :
MSVOA_U
ClientSampled :

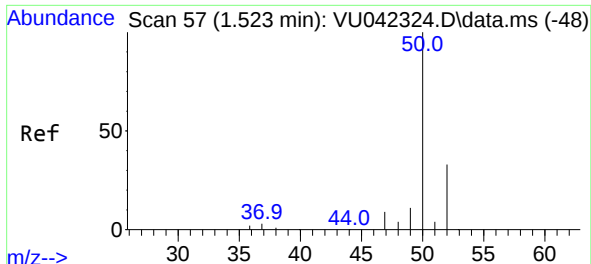
Tgt Ion:168 Resp: 180193
Ion Ratio Lower Upper
168 100
99 57.0 45.0 67.4



#2
Dichlorodifluoromethane
Concen: 0.45 ug/l
RT: 1.359 min Scan# 6
Delta R.T. -0.029 min
Lab File: VU042397.D
Acq: 22 Feb 2021 16:06

Tgt Ion: 85 Resp: 972
Ion Ratio Lower Upper
85 100
87 33.8 16.5 49.5

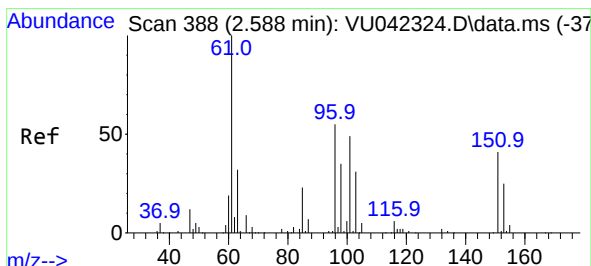
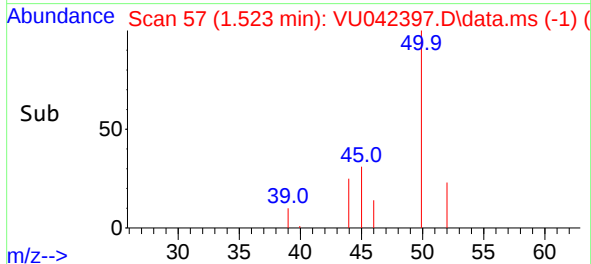
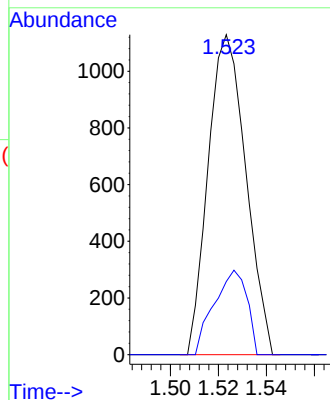
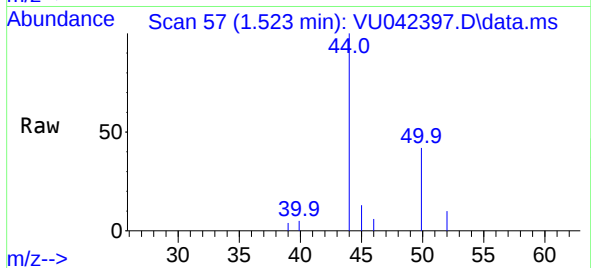




#3
Chloromethane
Concen: 0.56 ug/l
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU042397.D
Acq: 22 Feb 2021 16:06

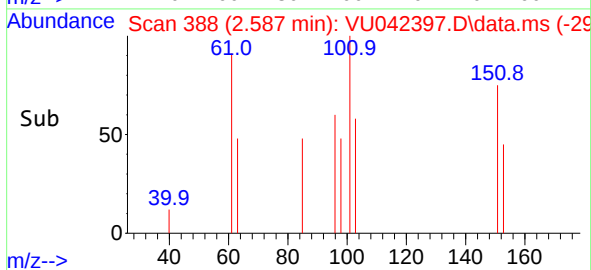
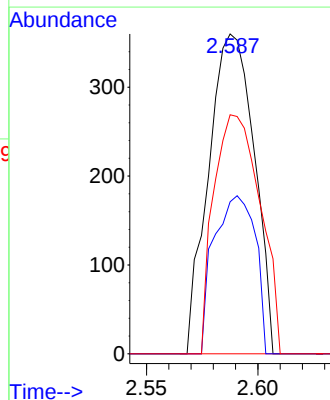
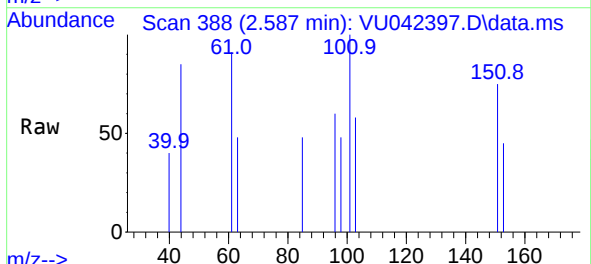
Instrument :
MSVOA_U
ClientSampled :

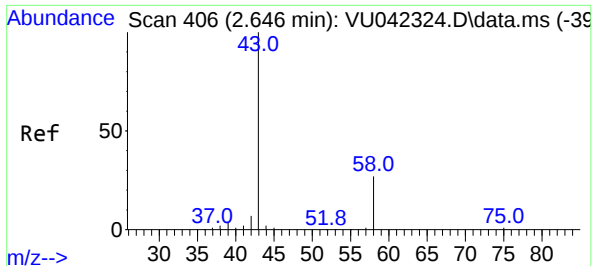
Tgt Ion: 50 Resp: 1233
Ion Ratio Lower Upper
50 100
52 22.9 26.6 40.0#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.30 ug/l
RT: 2.587 min Scan# 388
Delta R.T. -0.000 min
Lab File: VU042397.D
Acq: 22 Feb 2021 16:06

Tgt Ion: 101 Resp: 511
Ion Ratio Lower Upper
101 100
85 44.8 37.4 56.0
151 75.9 65.8 98.8

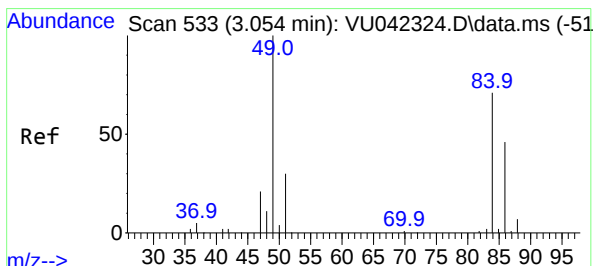
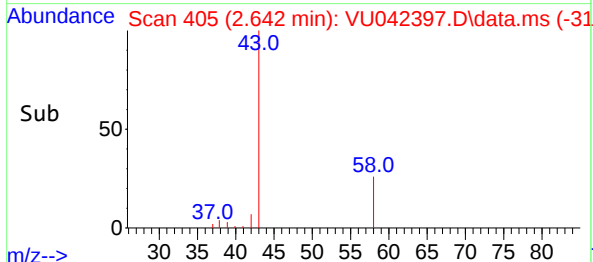
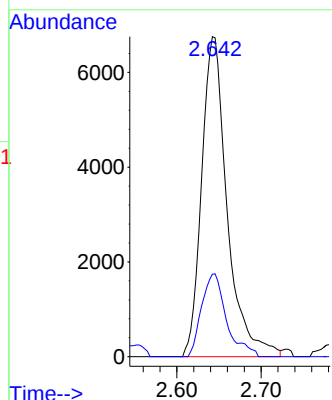
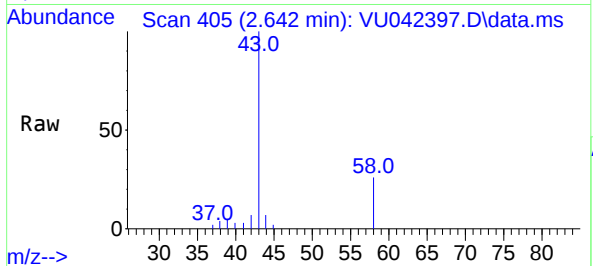




#16
Acetone
Concen: 8.40 ug/l
RT: 2.642 min Scan# 405
Delta R.T. -0.003 min
Lab File: VU042397.D
Acq: 22 Feb 2021 16:06

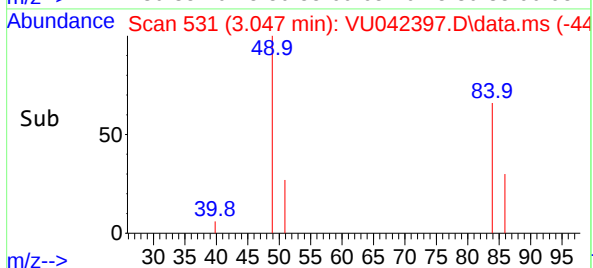
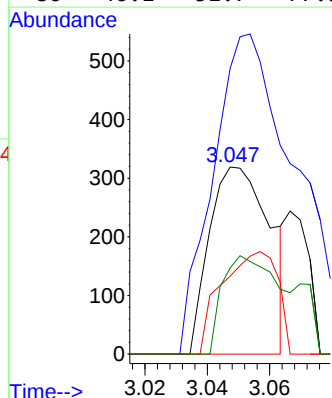
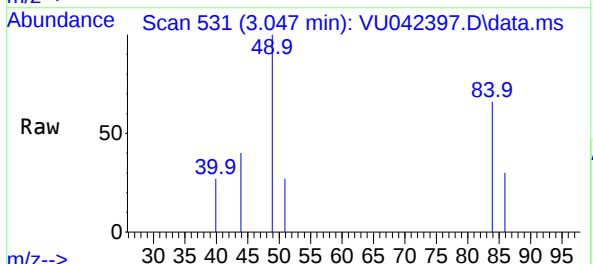
Instrument :
MSVOA_U
ClientSampleId :

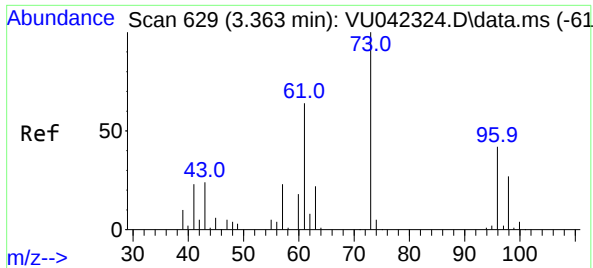
Tgt Ion: 43 Resp: 14231
Ion Ratio Lower Upper
43 100
58 25.7 21.5 32.3



#20
Methylene Chloride
Concen: 0.22 ug/l
RT: 3.047 min Scan# 531
Delta R.T. -0.007 min
Lab File: VU042397.D
Acq: 22 Feb 2021 16:06

Tgt Ion: 84 Resp: 431
Ion Ratio Lower Upper
84 100
49 152.7 112.6 169.0
51 41.7 33.7 50.5
86 46.1 51.7 77.5#

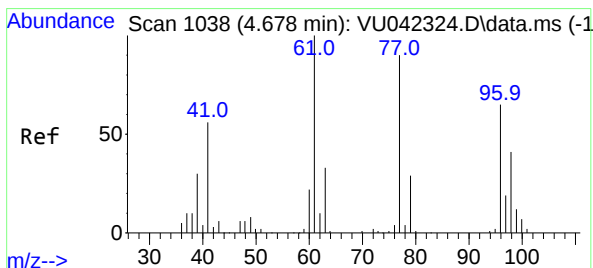
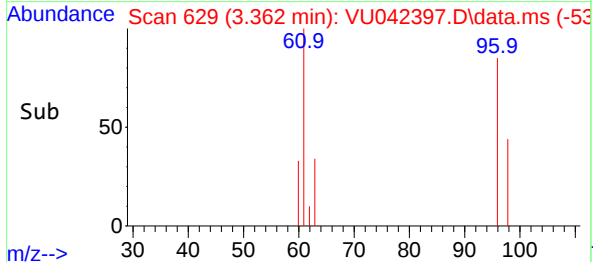
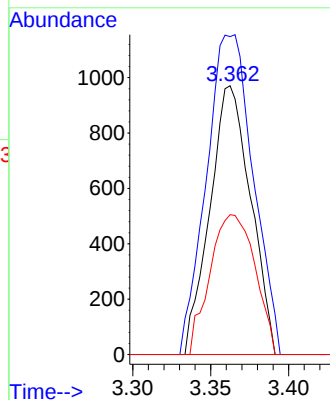
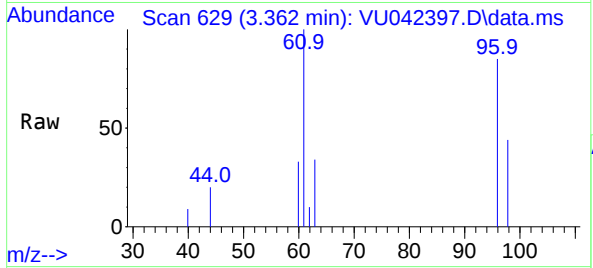




#21
trans-1,2-Dichloroethene
Concen: 0.99 ug/l
RT: 3.362 min Scan# 629
Delta R.T. -0.000 min
Lab File: VU042397.D
Acq: 22 Feb 2021 16:06

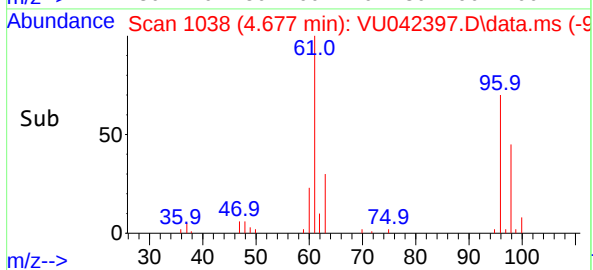
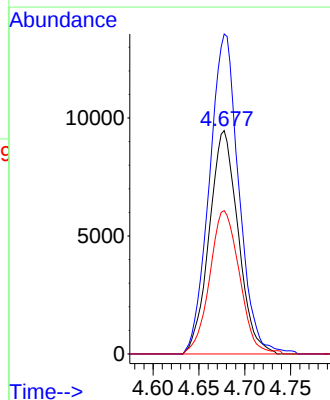
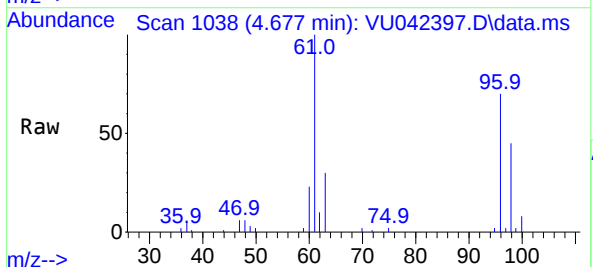
Instrument :
MSVOA_U
ClientSampleId :

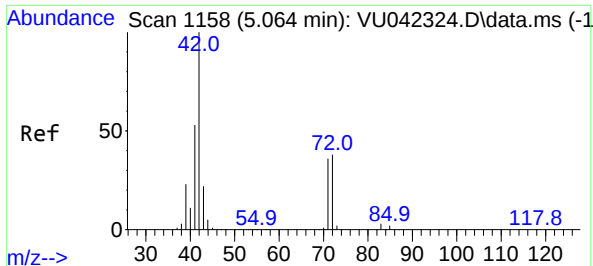
Tgt Ion: 96 Resp: 1768
Ion Ratio Lower Upper
96 100
61 118.2 122.4 183.6#
98 52.0 51.9 77.9



#27
cis-1,2-Dichloroethene
Concen: 10.08 ug/l
RT: 4.677 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VU042397.D
Acq: 22 Feb 2021 16:06

Tgt Ion: 96 Resp: 20788
Ion Ratio Lower Upper
96 100
61 146.0 0.0 322.2
98 65.7 0.0 128.6

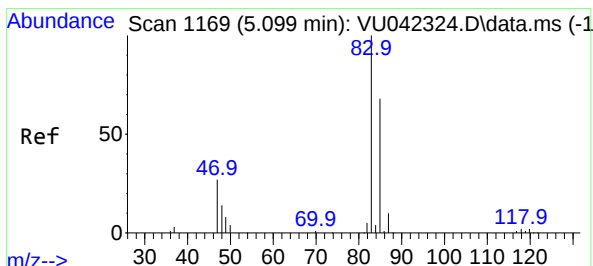
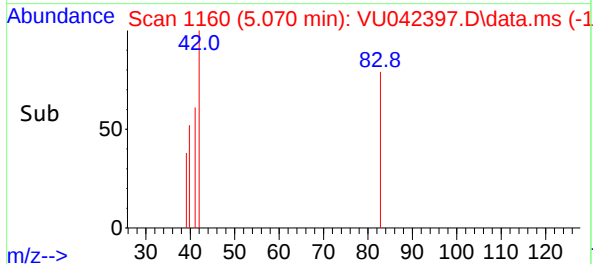
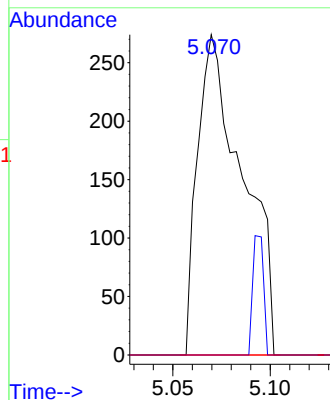
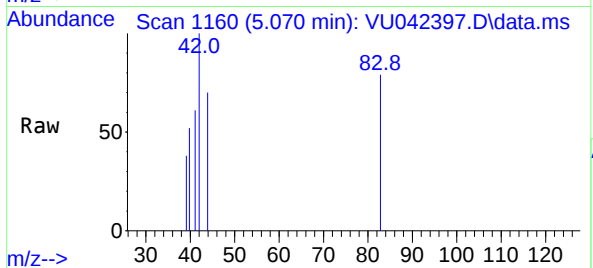




#29
Tetrahydrofuran
Concen: 0.32 ug/l
RT: 5.070 min Scan# 1160
Delta R.T. 0.006 min
Lab File: VU042397.D
Acq: 22 Feb 2021 16:06

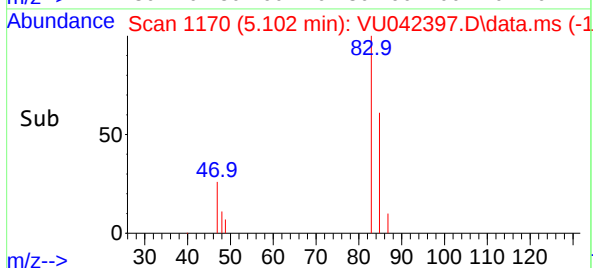
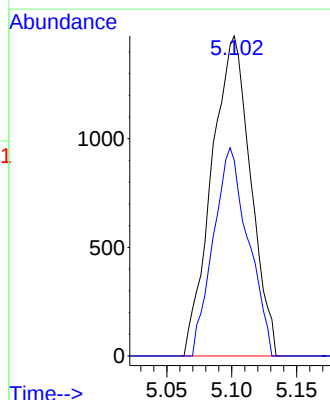
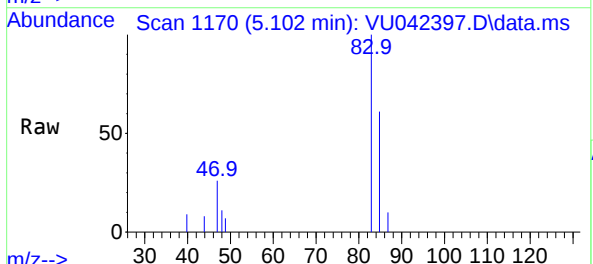
Instrument :
MSVOA_U
ClientSampled :

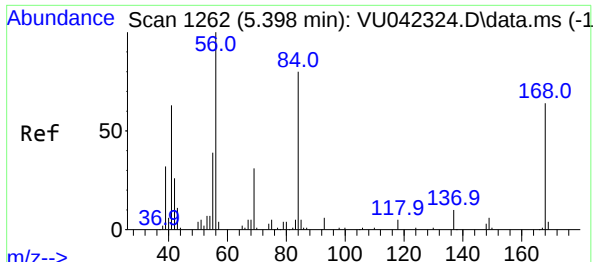
Tgt Ion:	42	Resp:	442
Ion	Ratio	Lower	Upper
42	100		
72	0.0	31.5	47.3#
71	0.0	29.5	44.3#



#30
Chloroform
Concen: 0.83 ug/l
RT: 5.102 min Scan# 1170
Delta R.T. 0.003 min
Lab File: VU042397.D
Acq: 22 Feb 2021 16:06

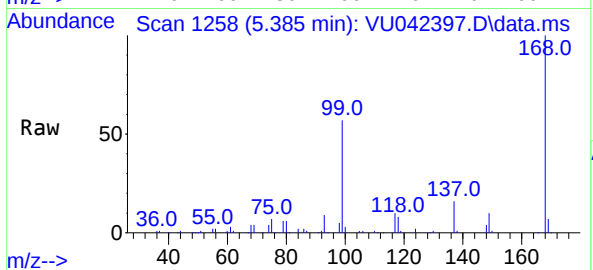
Tgt Ion:	83	Resp:	3067
Ion	Ratio	Lower	Upper
83	100		
85	61.1	54.6	81.8



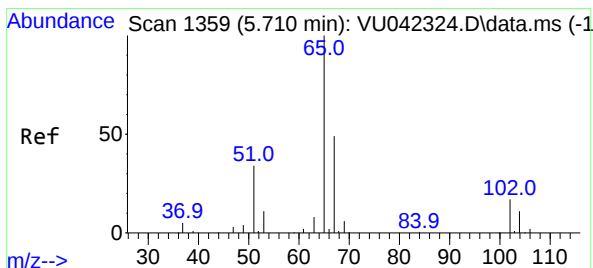
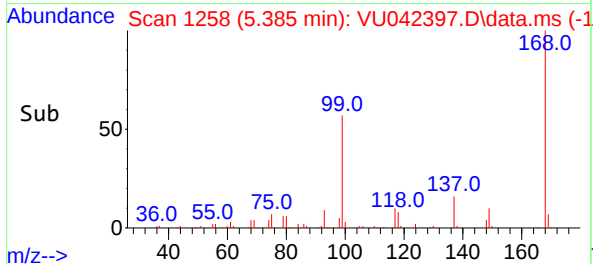
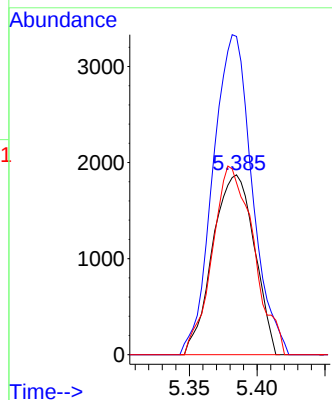


#31
Cyclohexane
Concen: 1.12 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. -0.013 min
Lab File: VU042397.D
Acq: 22 Feb 2021 16:06

Instrument :
MSVOA_U
ClientSampleId :

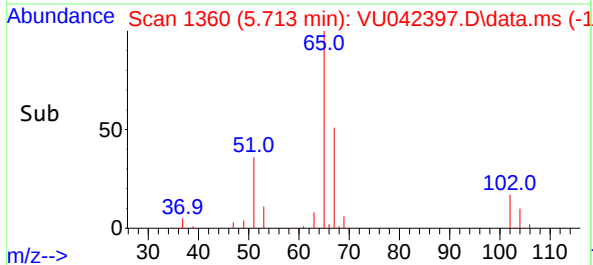
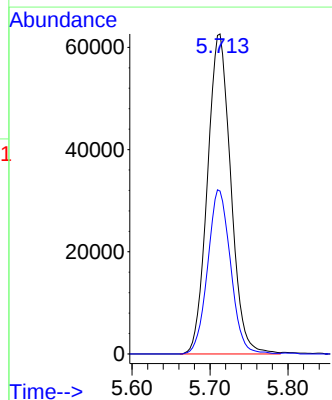
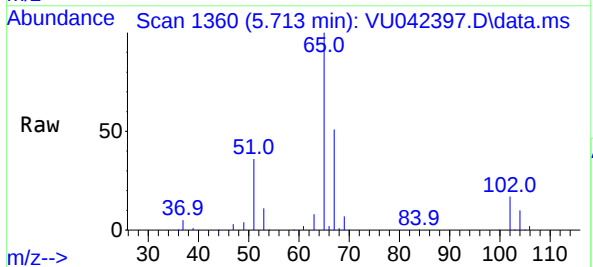


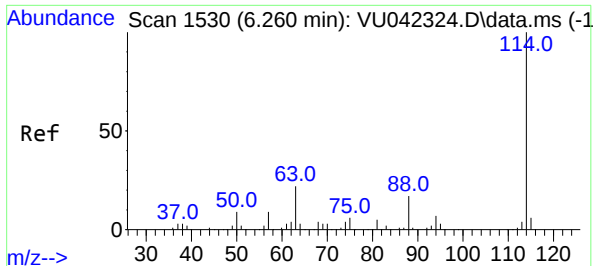
Tgt Ion: 56 Resp: 4016
Ion Ratio Lower Upper
56 100
69 177.0 24.9 37.3#
84 95.5 63.7 95.5



#33
1,2-Dichloroethane-d4
Concen: 47.70 ug/l
RT: 5.713 min Scan# 1360
Delta R.T. 0.003 min
Lab File: VU042397.D
Acq: 22 Feb 2021 16:06

Tgt Ion: 65 Resp: 130346
Ion Ratio Lower Upper
65 100
67 50.3 0.0 99.8

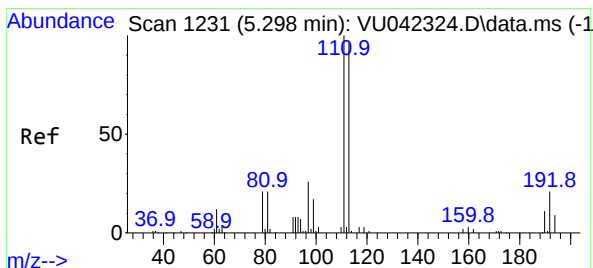
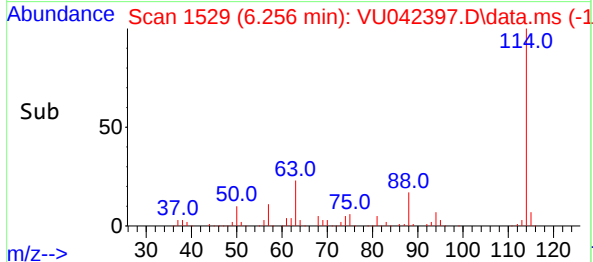
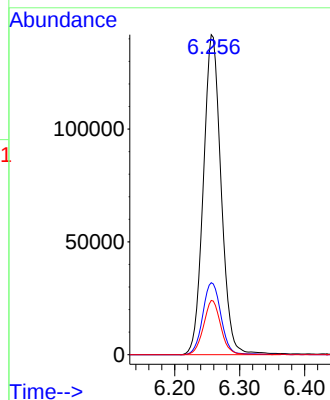
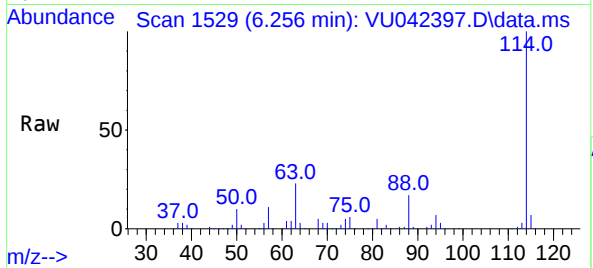




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. -0.003 min
Lab File: VU042397.D
Acq: 22 Feb 2021 16:06

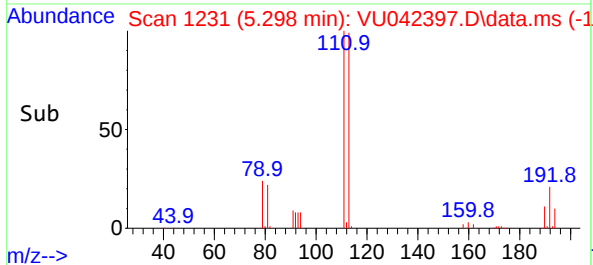
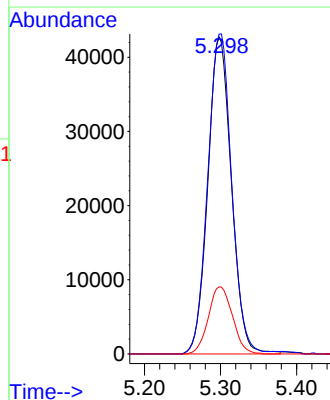
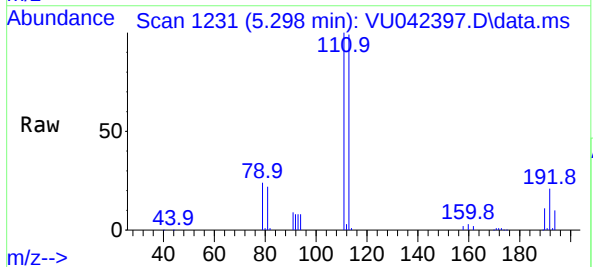
Instrument :
MSVOA_U
ClientSampleId :

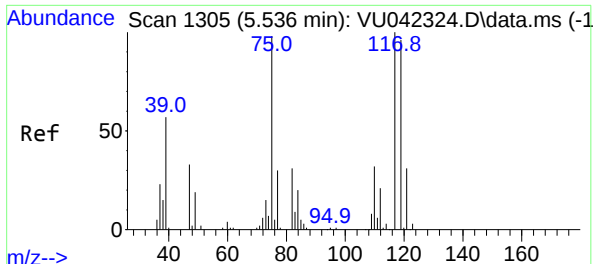
Tgt Ion:114 Resp: 270177
Ion Ratio Lower Upper
114 100
63 22.5 0.0 44.2
88 16.9 0.0 33.4



#35
Dibromofluoromethane
Concen: 48.17 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VU042397.D
Acq: 22 Feb 2021 16:06

Tgt Ion:113 Resp: 91867
Ion Ratio Lower Upper
113 100
111 102.5 81.8 122.8
192 21.7 17.2 25.8



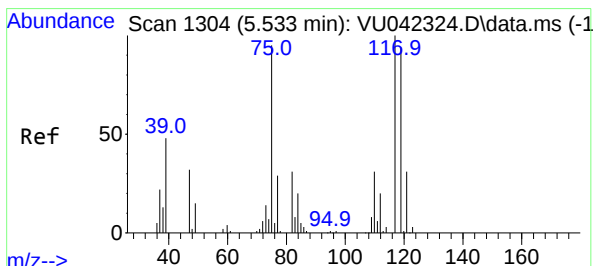
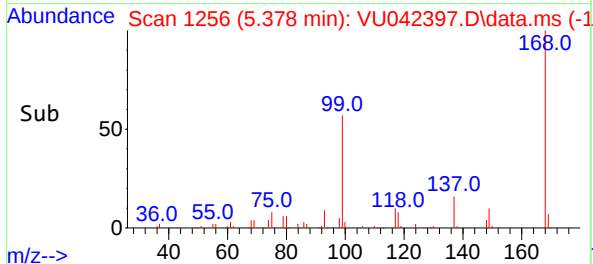
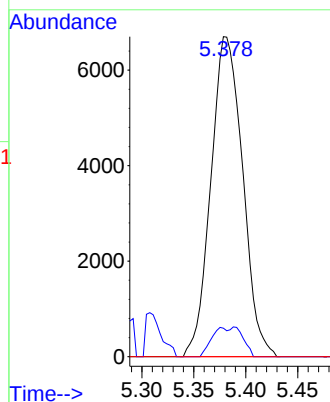
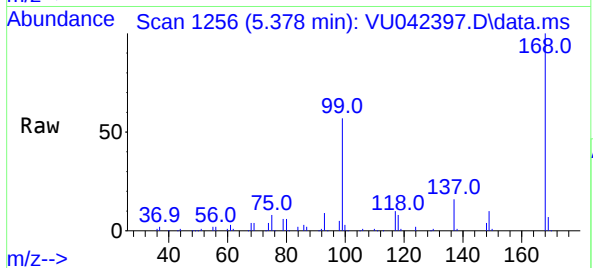


#36
1,1-Dichloropropene
Concen: 5.33 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.158 min
Lab File: VU042397.D
Acq: 22 Feb 2021 16:06

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 14253

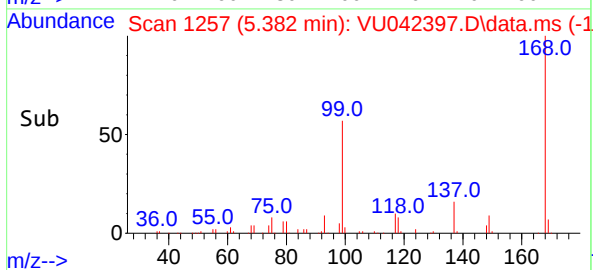
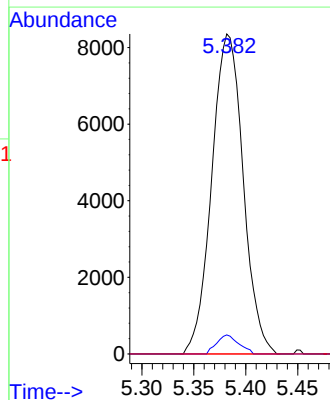
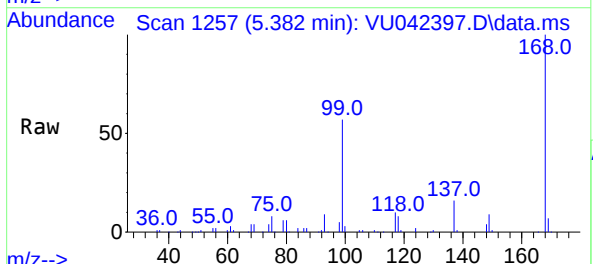
Ion	Ratio	Lower	Upper
75	100		
110	4.6	16.8	50.3#
77	0.0	24.8	37.2#

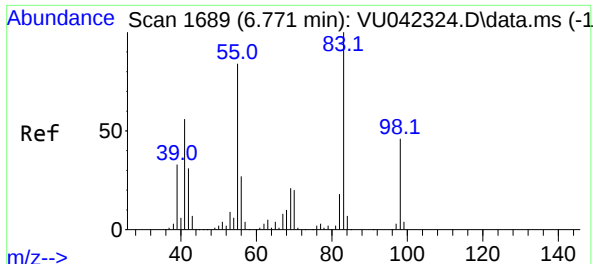


#38
Carbon Tetrachloride
Concen: 6.16 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU042397.D
Acq: 22 Feb 2021 16:06

Tgt Ion: 117 Resp: 17580

Ion	Ratio	Lower	Upper
117	100		
119	5.9	75.5	113.3#
121	0.0	24.7	37.1#

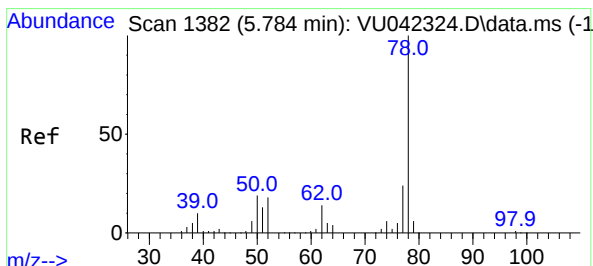
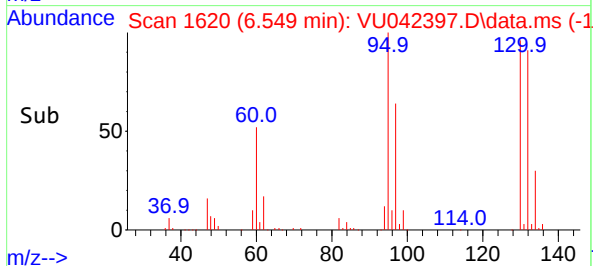
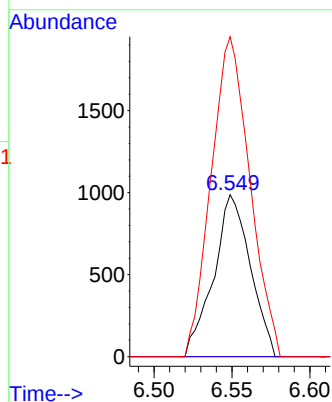
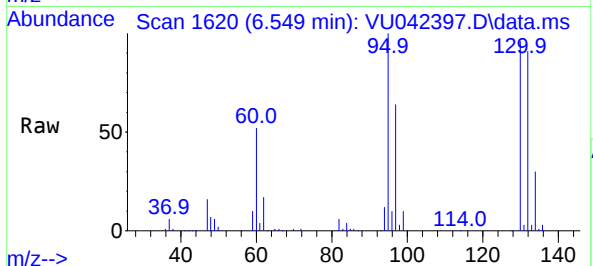




#39
Methylcyclohexane
Concen: 0.52 ug/l
RT: 6.549 min Scan# 1620
Delta R.T. -0.222 min
Lab File: VU042397.D
Acq: 22 Feb 2021 16:06

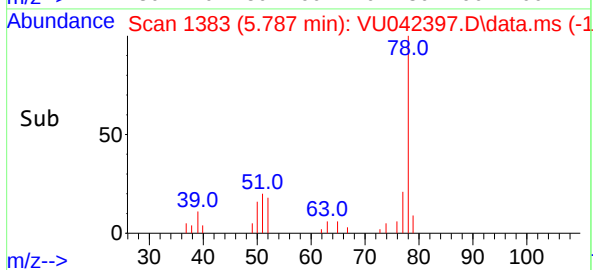
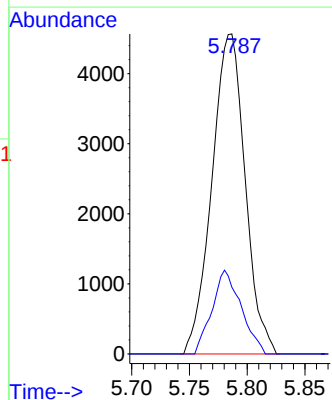
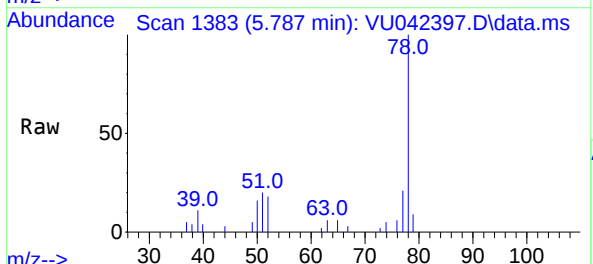
Instrument :
MSVOA_U
ClientSampleId :

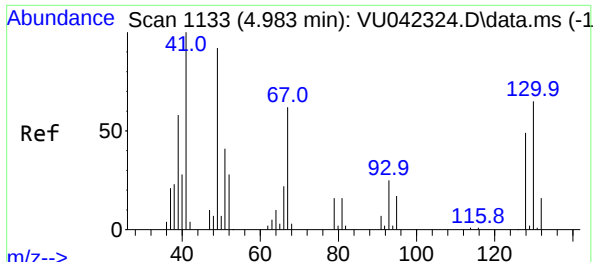
Tgt Ion: 83 Resp: 1618
Ion Ratio Lower Upper
83 100
55 0.0 66.8 100.2#
98 197.7 36.9 55.3#



#40
Benzene
Concen: 1.22 ug/l
RT: 5.787 min Scan# 1383
Delta R.T. 0.003 min
Lab File: VU042397.D
Acq: 22 Feb 2021 16:06

Tgt Ion: 78 Resp: 9135
Ion Ratio Lower Upper
78 100
77 20.9 19.3 28.9



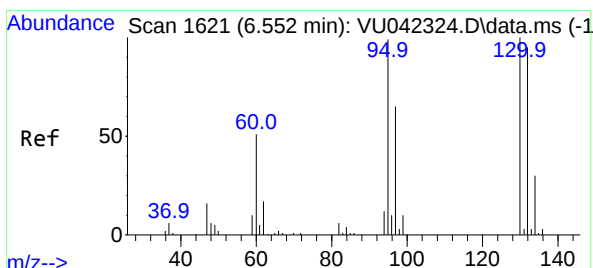
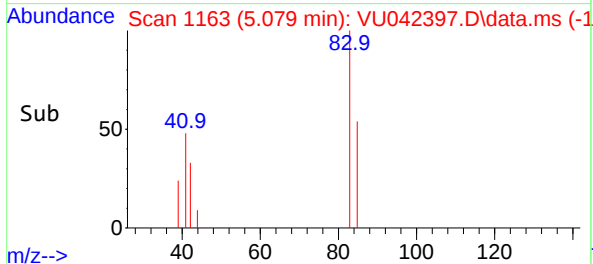
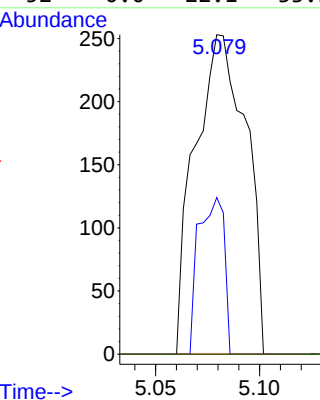
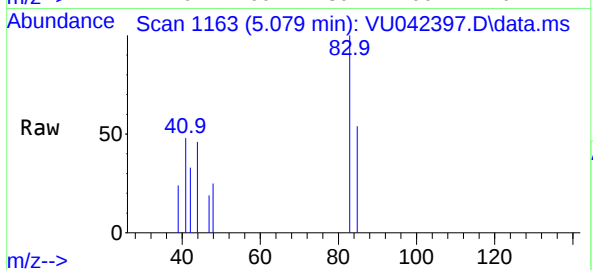


#41
Methacrylonitrile
Concen: 0.20 ug/l
RT: 5.079 min Scan# 1163
Delta R.T. 0.096 min
Lab File: VU042397.D
Acq: 22 Feb 2021 16:06

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 41 Resp: 432

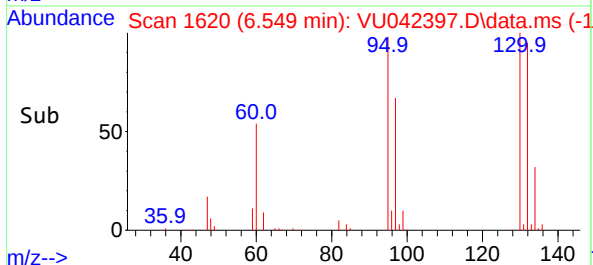
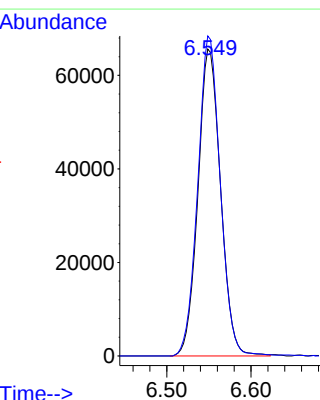
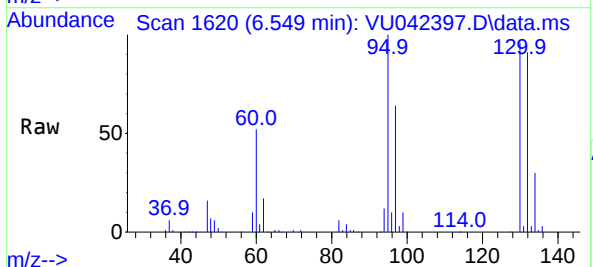
Ion	Ratio	Lower	Upper
41	100		
39	24.8	45.1	67.7#
67	0.0	50.2	75.2#
52	0.0	22.1	33.1#

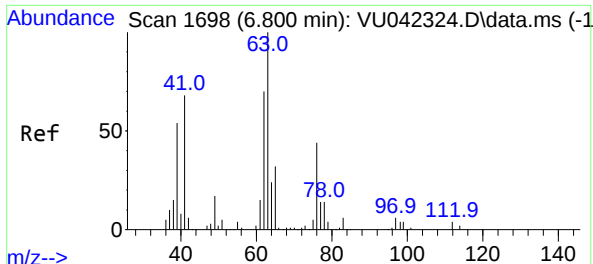


#44
Trichloroethene
Concen: 61.29 ug/l
RT: 6.549 min Scan# 1620
Delta R.T. -0.003 min
Lab File: VU042397.D
Acq: 22 Feb 2021 16:06

Tgt Ion: 130 Resp: 122576

Ion	Ratio	Lower	Upper
130	100		
95	104.3	0.0	197.8



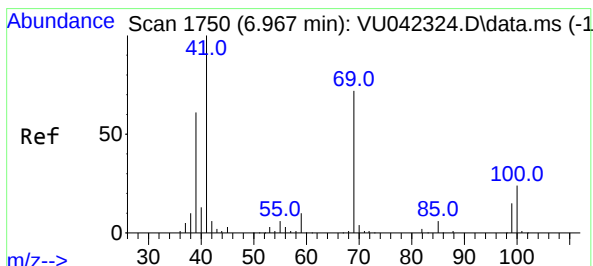
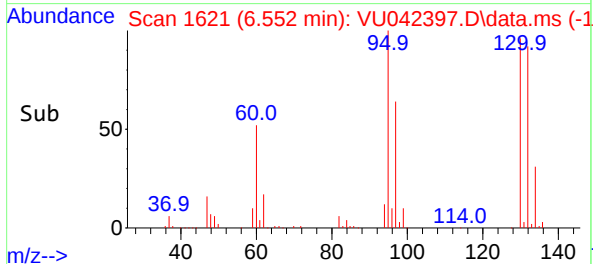
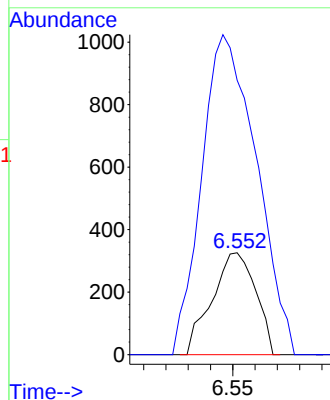
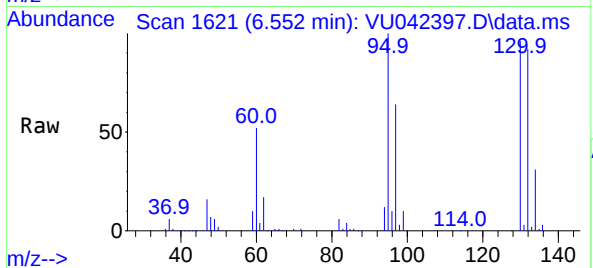


#45

1,2-Dichloropropane
Concen: 0.21 ug/l
RT: 6.552 min Scan# 1621
Delta R.T. -0.248 min
Lab File: VU042397.D
Acq: 22 Feb 2021 16:06

Instrument :
MSVOA_U
ClientSampled :

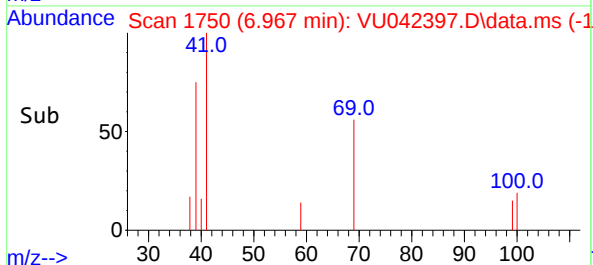
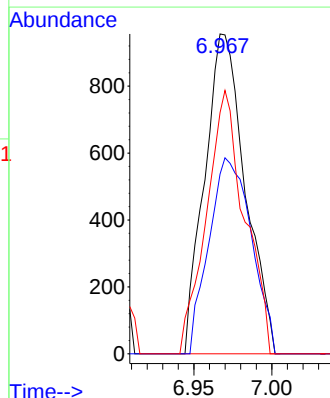
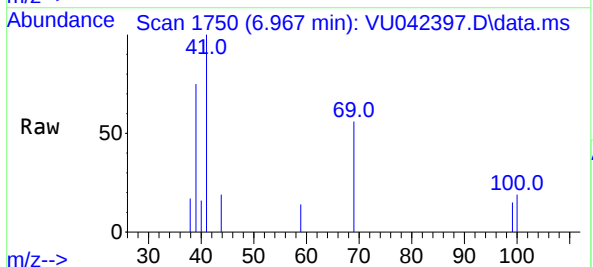
Tgt Ion: 63 Resp: 445
Ion Ratio Lower Upper
63 100
65 229.1 25.4 38.2#

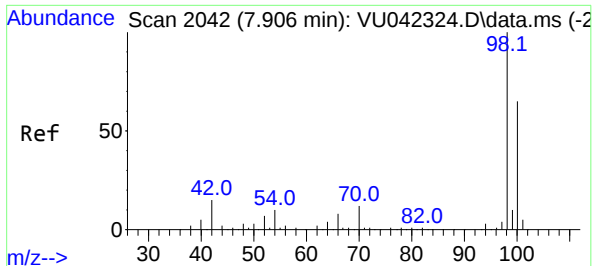


#48

Methyl methacrylate
Concen: 0.57 ug/l
RT: 6.967 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VU042397.D
Acq: 22 Feb 2021 16:06

Tgt Ion: 41 Resp: 1731
Ion Ratio Lower Upper
41 100
69 64.2 57.0 85.6
39 77.4 48.4 72.6#

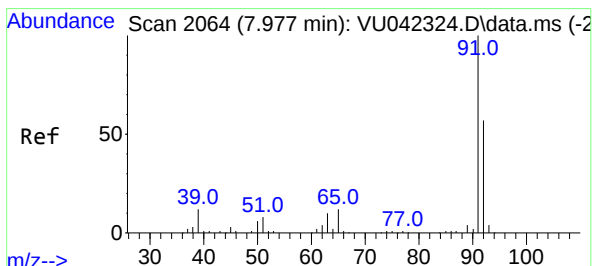
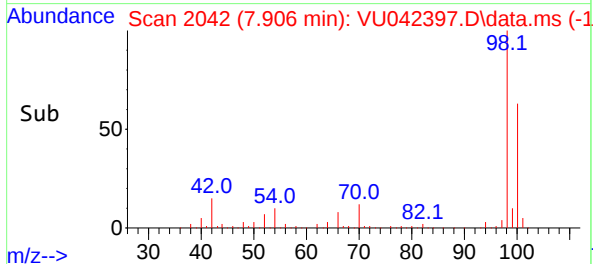
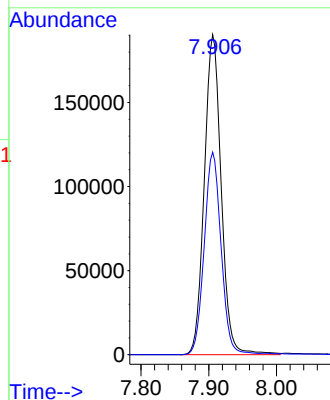
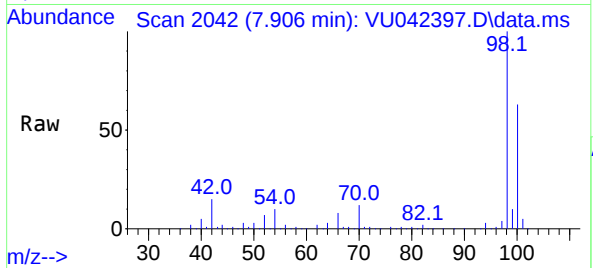




#50
Toluene-d8
Concen: 48.29 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU042397.D
Acq: 22 Feb 2021 16:06

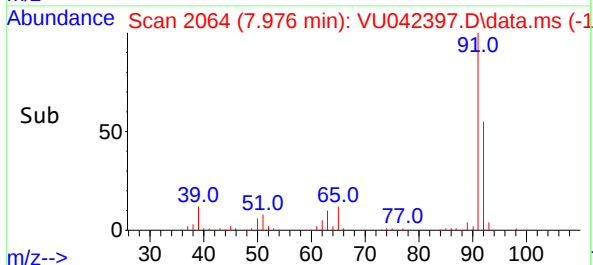
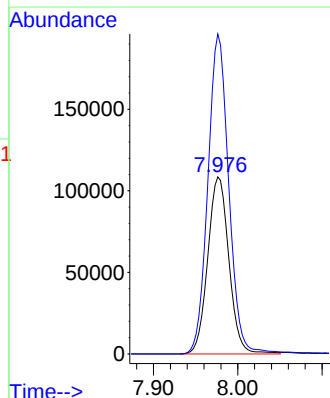
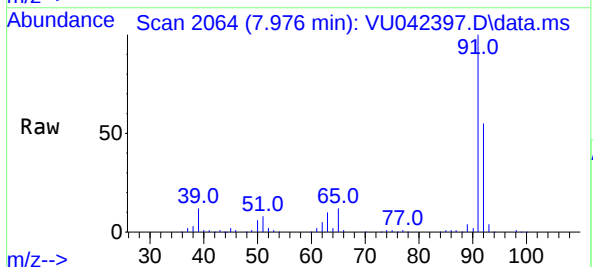
Instrument :
MSVOA_U
ClientSampleId :

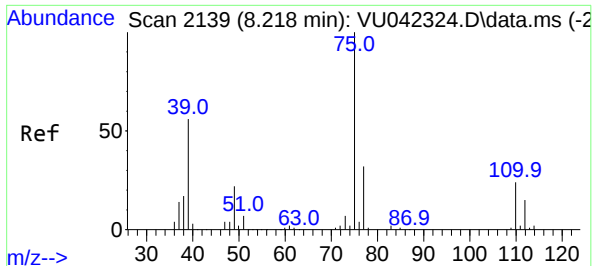
Tgt Ion: 98 Resp: 329805
Ion Ratio Lower Upper
98 100
100 62.9 50.2 75.2



#52
Toluene
Concen: 40.91 ug/l
RT: 7.976 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU042397.D
Acq: 22 Feb 2021 16:06

Tgt Ion: 92 Resp: 189497
Ion Ratio Lower Upper
92 100
91 179.4 140.3 210.5

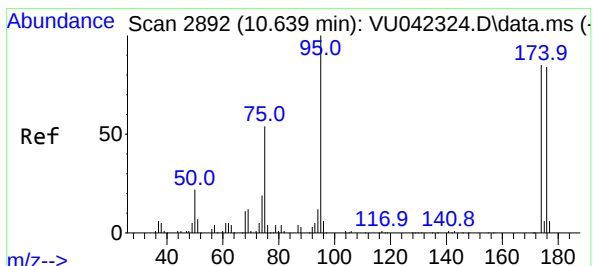
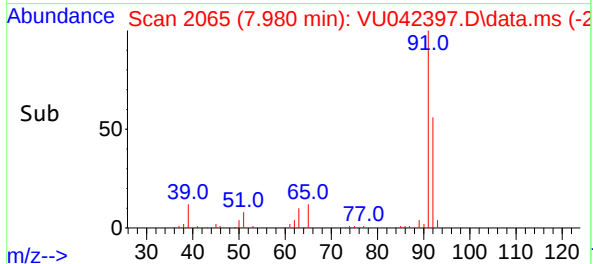
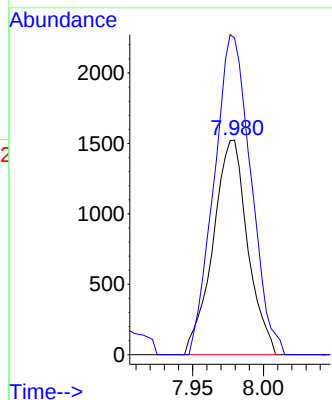
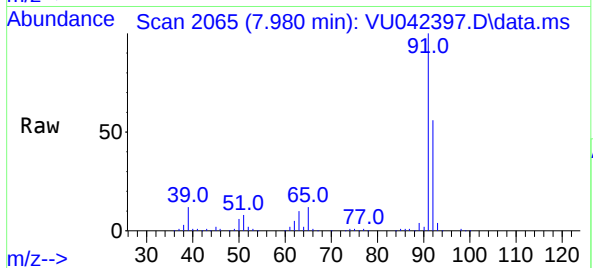




#53
t-1,3-Dichloropropene
Concen: 0.83 ug/l
RT: 7.980 min Scan# 2065
Delta R.T. -0.238 min
Lab File: VU042397.D
Acq: 22 Feb 2021 16:06

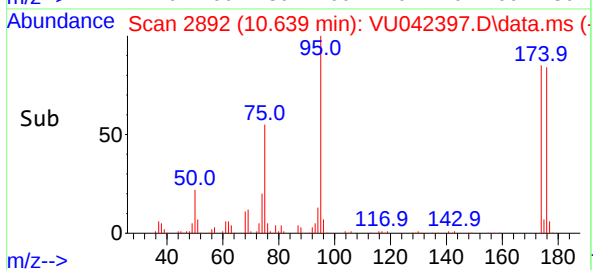
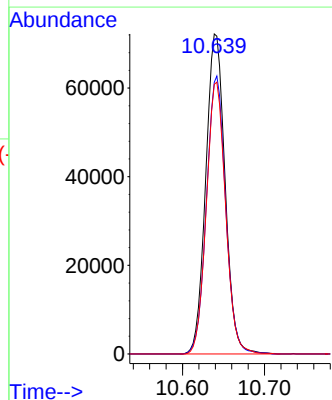
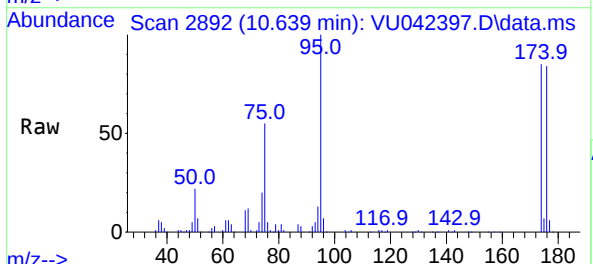
Instrument :
MSVOA_U
ClientSampled :

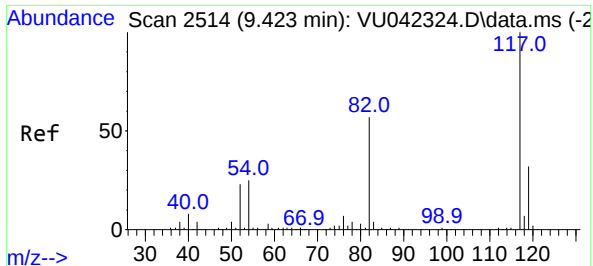
Tgt Ion: 75 Resp: 2592
Ion Ratio Lower Upper
75 100
77 147.6 25.6 38.4#



#62
4-Bromofluorobenzene
Concen: 43.90 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU042397.D
Acq: 22 Feb 2021 16:06

Tgt Ion: 95 Resp: 118167
Ion Ratio Lower Upper
95 100
174 86.1 0.0 172.2
176 84.4 0.0 168.8

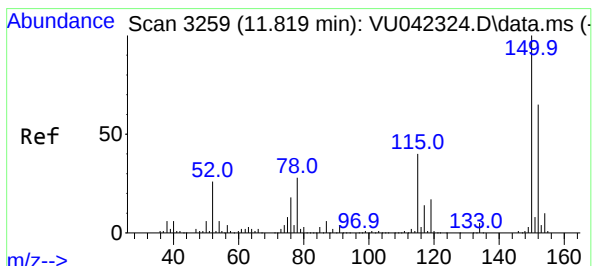
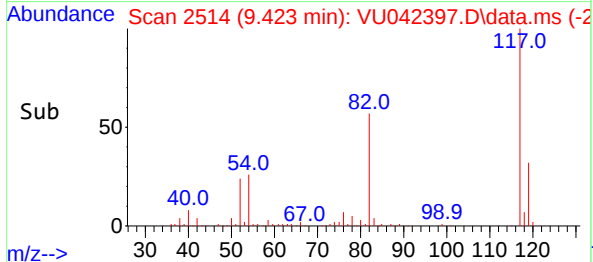
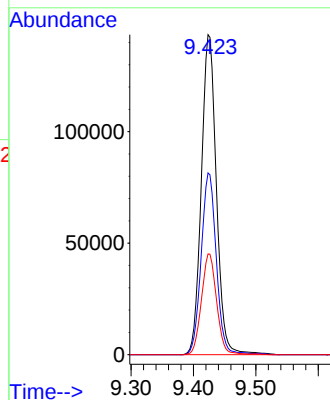
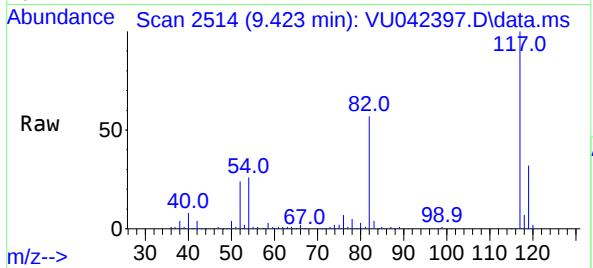




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. -0.000 min
Lab File: VU042397.D
Acq: 22 Feb 2021 16:06

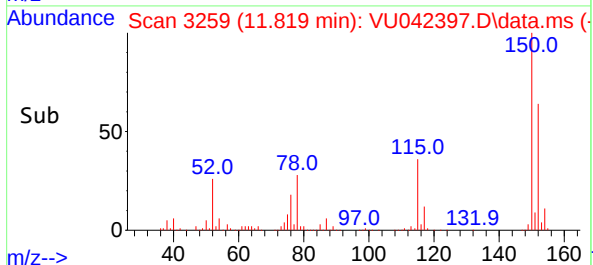
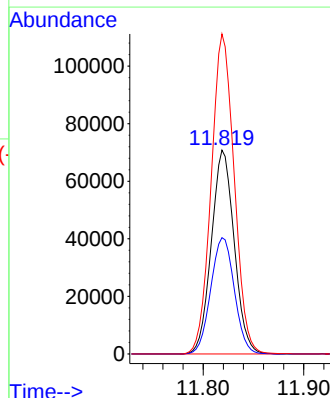
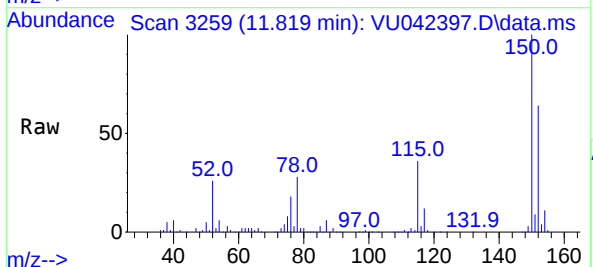
Instrument :
MSVOA_U
ClientSampled :

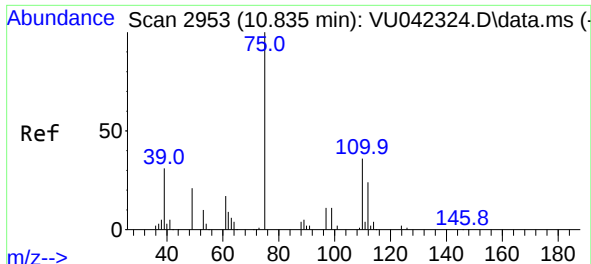
Tgt Ion:117 Resp: 241277
Ion Ratio Lower Upper
117 100
82 56.8 45.8 68.6
119 31.5 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU042397.D
Acq: 22 Feb 2021 16:06

Tgt Ion:152 Resp: 111940
Ion Ratio Lower Upper
152 100
115 58.9 41.5 124.6
150 158.1 0.0 342.4

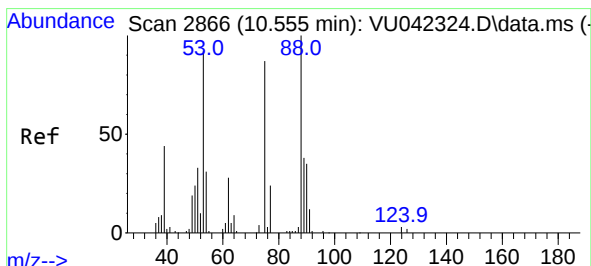
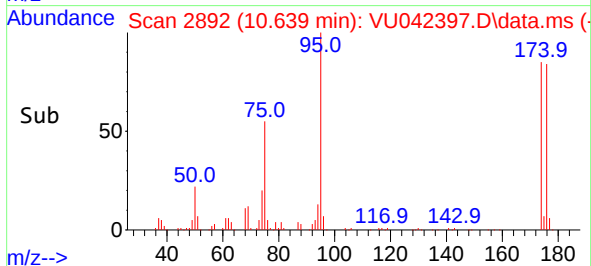
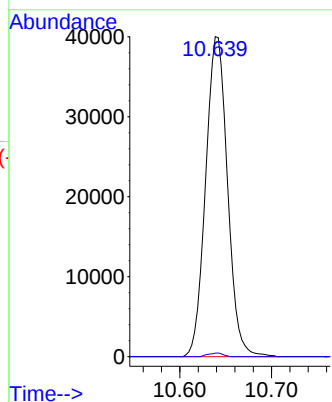
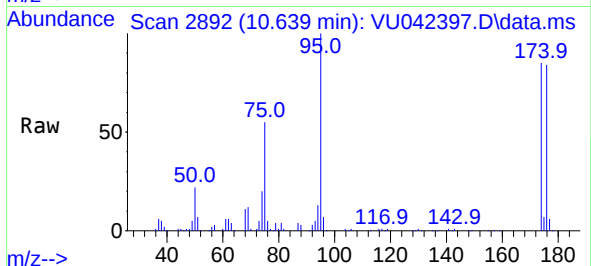




#76
1,2,3-Trichloropropane
Concen: 23.93 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.196 min
Lab File: VU042397.D
Acq: 22 Feb 2021 16:06

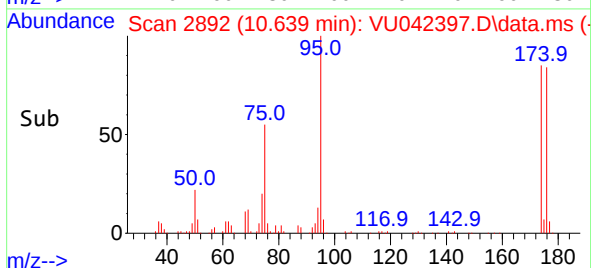
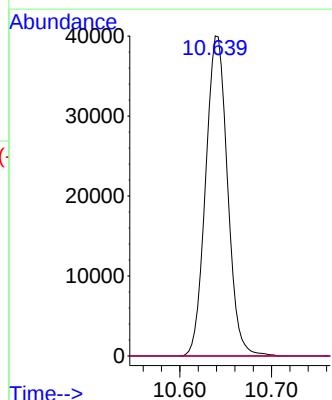
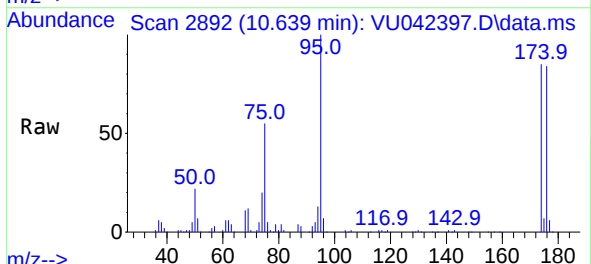
Instrument :
MSVOA_U
ClientSampleId :

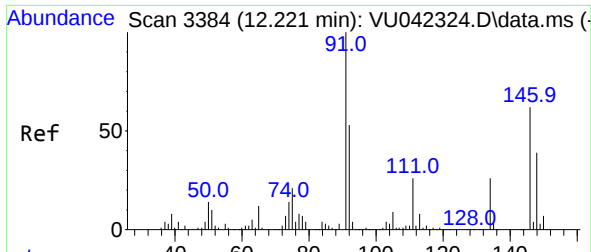
Tgt Ion: 75 Resp: 66222
Ion Ratio Lower Upper
75 100
77 0.8 20.2 60.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.05 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.083 min
Lab File: VU042397.D
Acq: 22 Feb 2021 16:06

Tgt Ion: 75 Resp: 66222
Ion Ratio Lower Upper
75 100
53 0.0 85.6 128.4#
89 0.0 35.7 53.5#



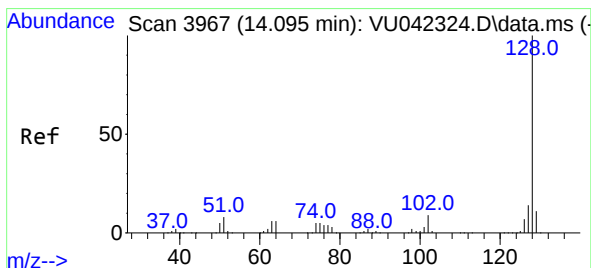
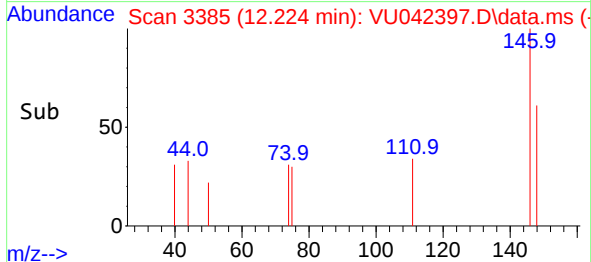
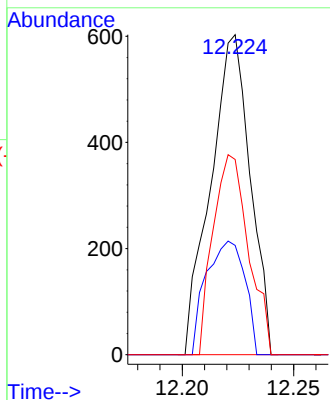
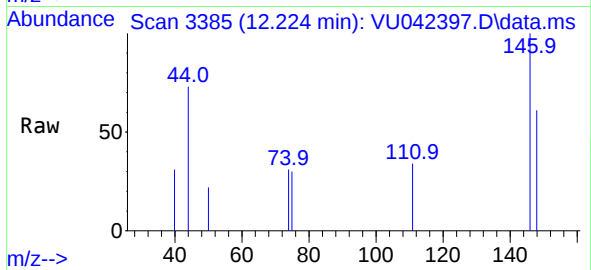


#91
1,2-Dichlorobenzene
Concen: 0.21 ug/l
RT: 12.224 min Scan# 3385
Delta R.T. 0.003 min
Lab File: VU042397.D
Acq: 22 Feb 2021 16:06

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion:146 Resp: 746

Ion	Ratio	Lower	Upper
146	100		
111	34.6	20.8	62.4
148	56.0	31.9	95.7



#95
Naphthalene
Concen: 3.06 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.000 min
Lab File: VU042397.D
Acq: 22 Feb 2021 16:06

Tgt Ion:128 Resp: 6617

Ion	Ratio	Lower	Upper
128	100		
127	11.8	10.8	16.2
129	9.3	8.6	13.0

