

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022221\
 Data File : VU042381.D
 Acq On : 22 Feb 2021 10:04
 Operator : SY/MD
 Sample : VU0222MBL01
 Misc : 5.0g/10mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 22 13:35:35 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)

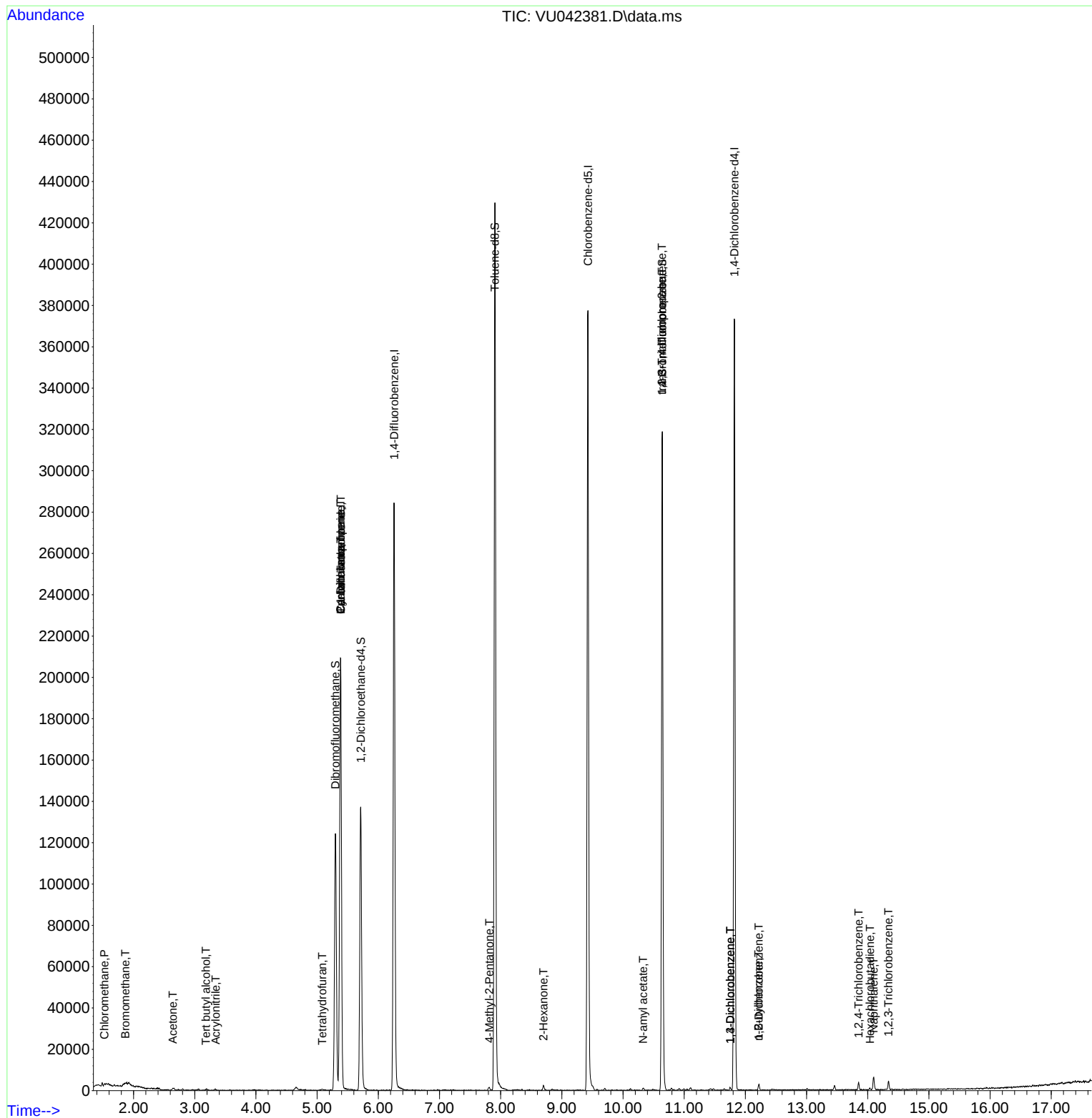
Internal Standards						
1) Pentafluorobenzene	5.385	168	147530	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.260	114	224046	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.427	117	200201	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.822	152	91915	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.713	65	109714	49.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.08%	
35) Dibromofluoromethane	5.298	113	77587	49.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.12%	
50) Toluene-d8	7.906	98	275898	48.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.42%	
62) 4-Bromofluorobenzene	10.642	95	98459	44.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.22%	
Target Compounds						Qvalue
3) Chloromethane	1.523	50	419	0.23	ug/l	94
5) Bromomethane	1.864	94	305	0.28	ug/l	91
11) Tert butyl alcohol	3.183	59	118	0.25	ug/l #	94
15) Acrylonitrile	3.343	53	389	0.34	ug/l #	53
16) Acetone	2.642	43	1119	0.81	ug/l #	83
29) Tetrahydrofuran	5.083	42	373	0.33	ug/l #	37
31) Cyclohexane	5.382	56	3500	1.19	ug/l #	25
36) 1,1-Dichloropropene	5.382	75	12033	5.43	ug/l #	51
38) Carbon Tetrachloride	5.385	117	14662	6.19	ug/l #	16
51) 4-Methyl-2-Pentanone	7.816	43	1568	0.46	ug/l #	85
59) 2-Hexanone	8.700	43	1870	0.68	ug/l	66
74) N-amyl acetate	10.327	43	759	0.22	ug/l #	69
76) 1,2,3-Trichloropropane	10.639	75	55886	24.59	ug/l #	37
81) trans-1,4-Dichloro-2-b...	10.639	75	55886	66.86	ug/l #	7
87) 1,3-Dichlorobenzene	11.755	146	683	0.24	ug/l	66
88) 1,4-Dichlorobenzene	11.755	146	683	0.24	ug/l	65
89) n-Butylbenzene	12.214	91	1205	0.25	ug/l #	77
91) 1,2-Dichlorobenzene	12.221	146	813	0.28	ug/l	80
93) 1,2,4-Trichlorobenzene	13.851	180	1440	2.38	ug/l	96
94) Hexachlorobutadiene	14.037	225	235	0.23	ug/l	86
95) Naphthalene	14.099	128	5863	3.12	ug/l	96
96) 1,2,3-Trichlorobenzene	14.340	180	1563	2.44	ug/l	93

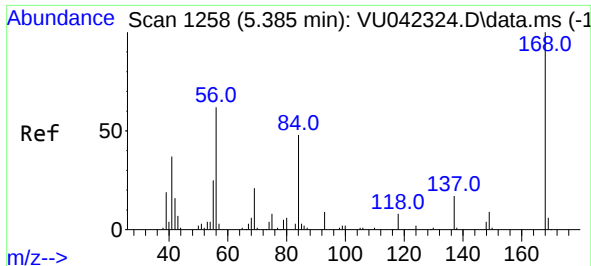
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022221\
Data File : VU042381.D
Acq On : 22 Feb 2021 10:04
Operator : SY/MD
Sample : VU02222MBL01
Misc : 5.0g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Feb 22 13:35:35 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

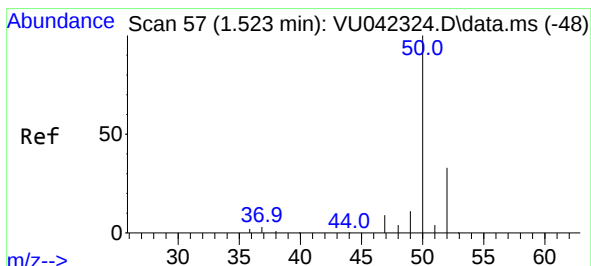
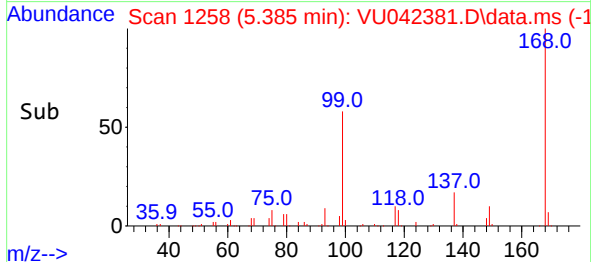
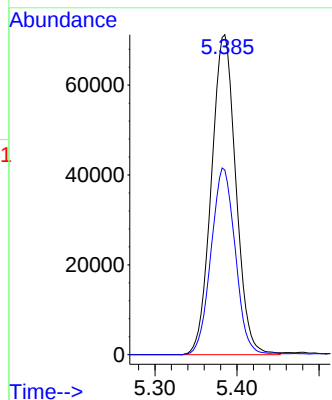
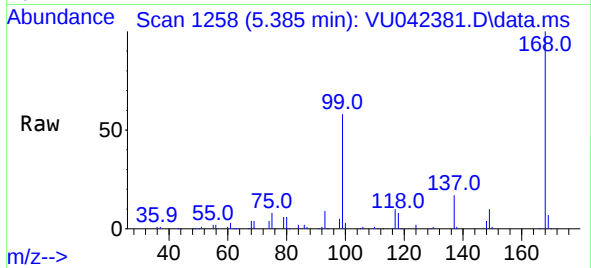




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VU042381.D
Acq: 22 Feb 2021 10:04

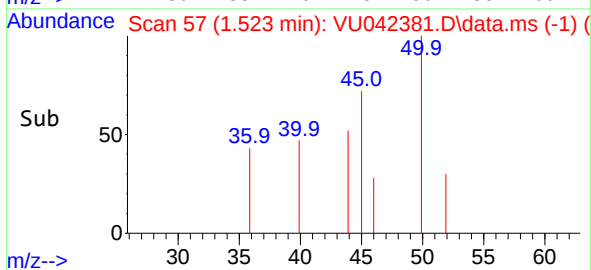
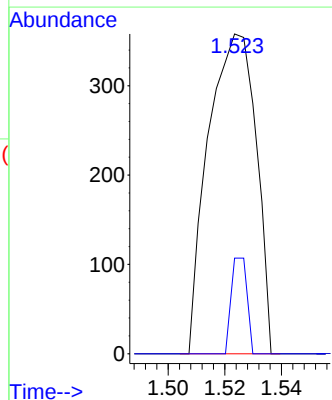
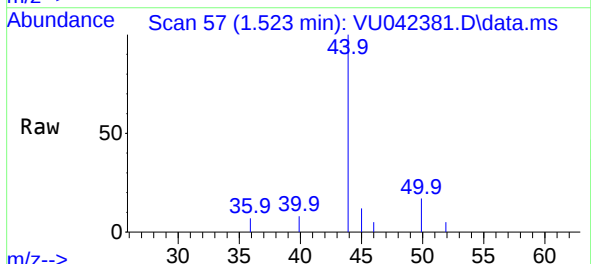
Instrument :
MSVOA_U
ClientSampled :

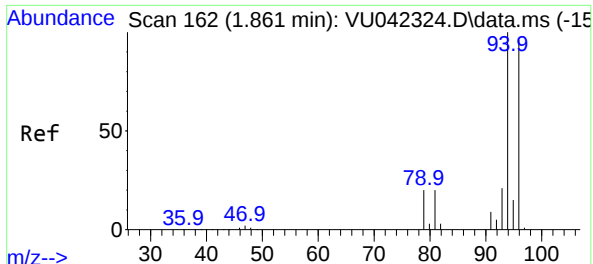
Tgt Ion:168 Resp: 147530
Ion Ratio Lower Upper
168 100
99 57.7 45.0 67.4



#3
Chloromethane
Concen: 0.23 ug/l
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU042381.D
Acq: 22 Feb 2021 10:04

Tgt Ion: 50 Resp: 419
Ion Ratio Lower Upper
50 100
52 29.9 26.6 40.0

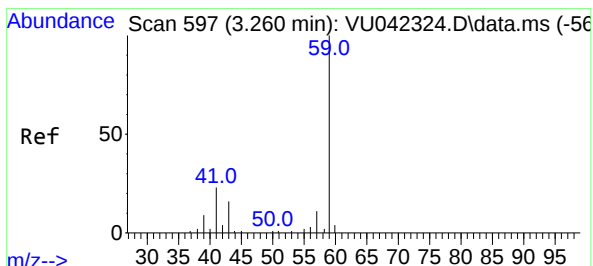
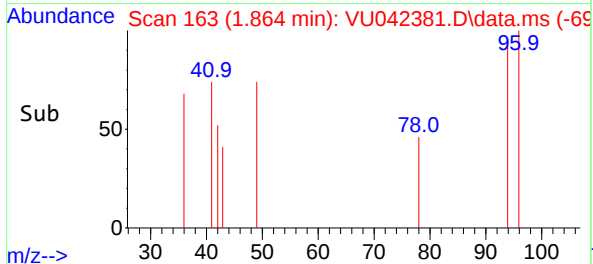
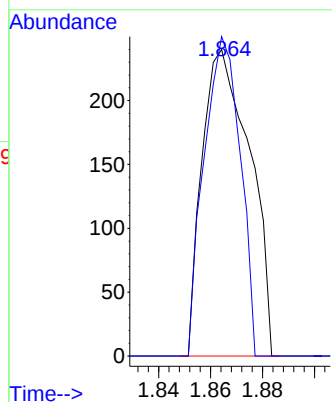
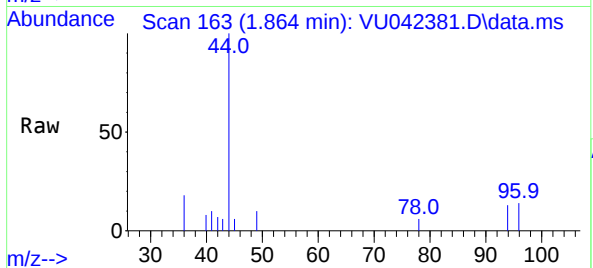




#5
Bromomethane
Concen: 0.28 ug/l
RT: 1.864 min Scan# 163
Delta R.T. 0.003 min
Lab File: VU042381.D
Acq: 22 Feb 2021 10:04

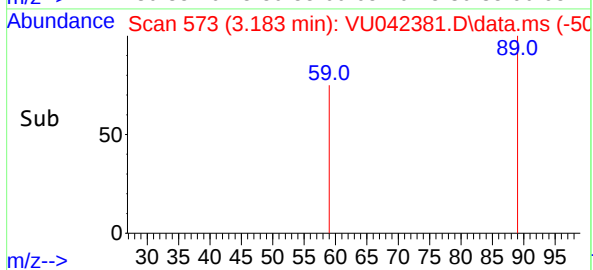
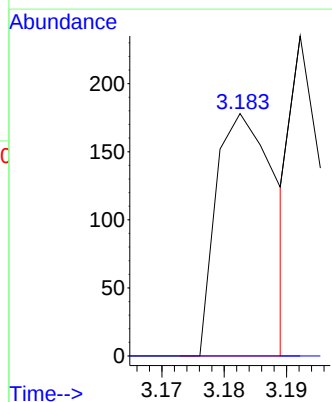
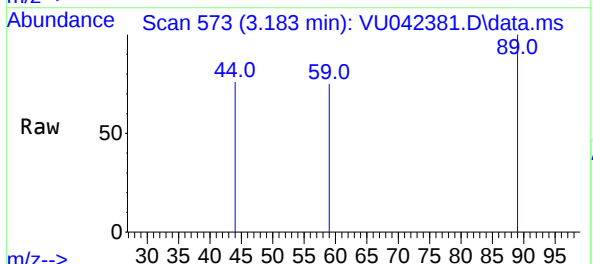
Instrument :
MSVOA_U
ClientSampled :

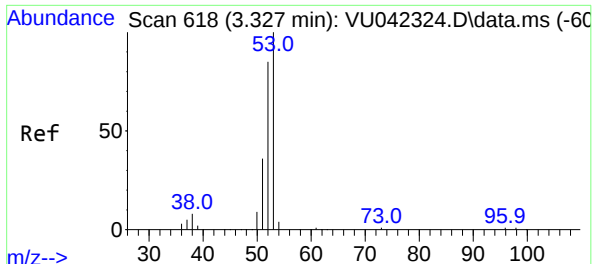
Tgt Ion: 94 Resp: 305
Ion Ratio Lower Upper
94 100
96 104.2 76.6 115.0



#11
Tert butyl alcohol
Concen: 0.25 ug/l
RT: 3.183 min Scan# 573
Delta R.T. -0.077 min
Lab File: VU042381.D
Acq: 22 Feb 2021 10:04

Tgt Ion: 59 Resp: 118
Ion Ratio Lower Upper
59 100
57 0.0 1.6 2.4#





#15

Acrylonitrile

Concen: 0.34 ug/l

RT: 3.343 min Scan# 623

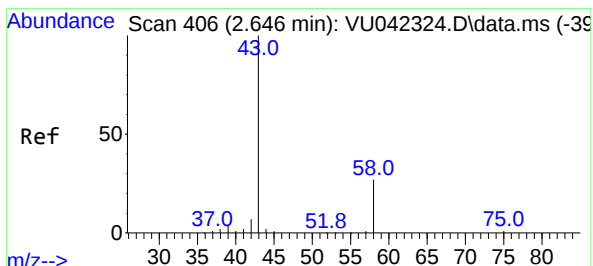
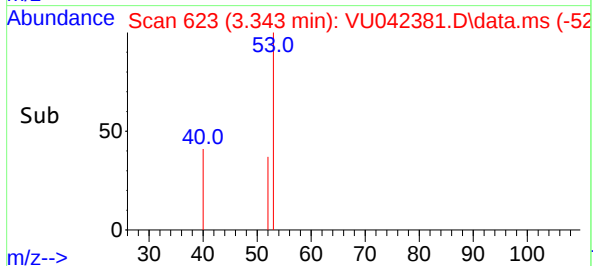
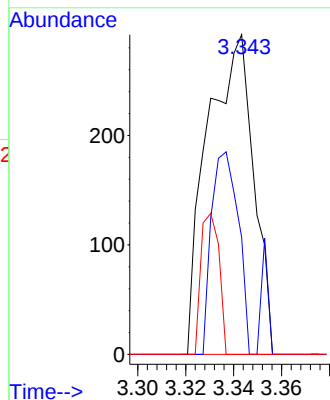
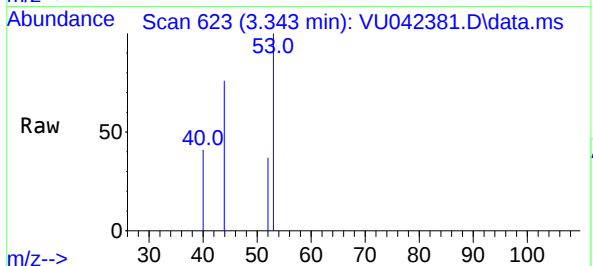
Delta R.T. 0.016 min

Lab File: VU042381.D

Acq: 22 Feb 2021 10:04

Tgt Ion: 53	Resp: 389
Ion Ratio	Lower Upper
53 100	
52 37.0	68.2 102.2#
51 17.5	29.2 43.8#

Instrument :
MSVOA_U
ClientSampled :



#16

Acetone

Concen: 0.81 ug/l

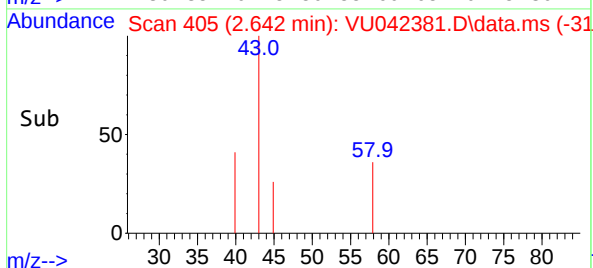
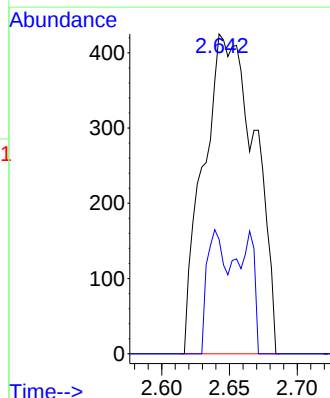
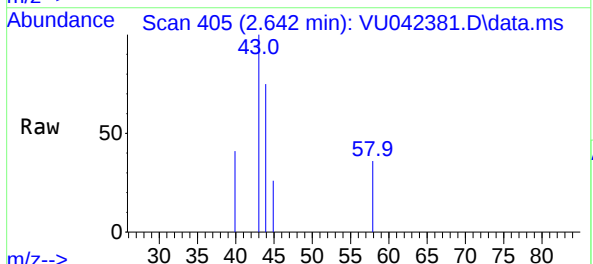
RT: 2.642 min Scan# 405

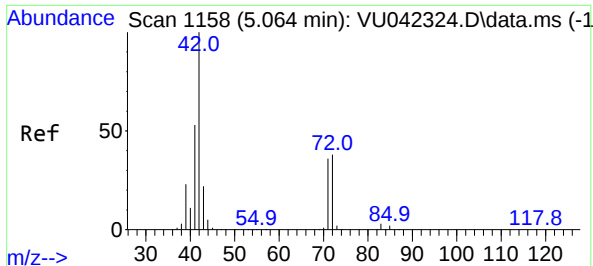
Delta R.T. -0.003 min

Lab File: VU042381.D

Acq: 22 Feb 2021 10:04

Tgt Ion: 43	Resp: 1119
Ion Ratio	Lower Upper
43 100	
58 35.8	21.5 32.3#

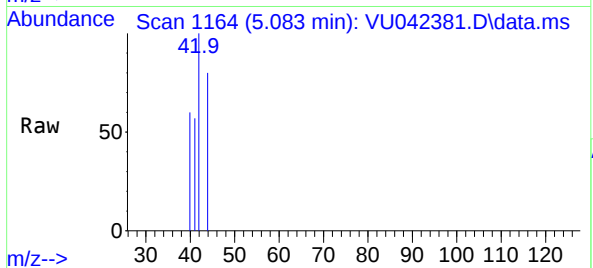




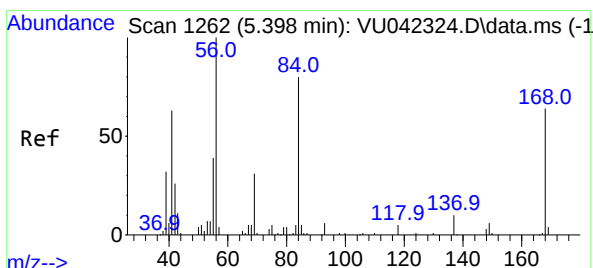
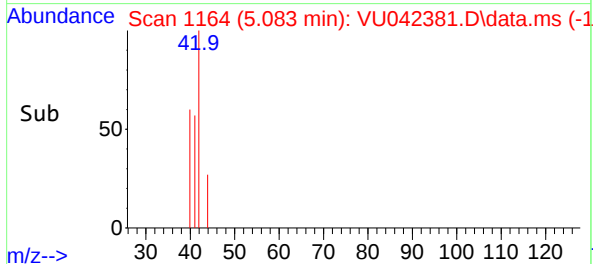
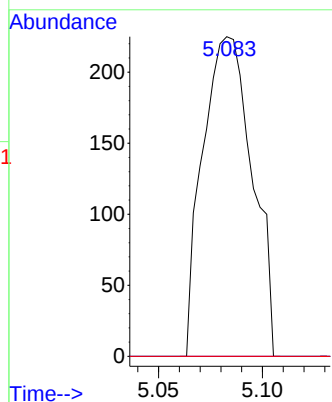
#29

Tetrahydrofuran
Concen: 0.33 ug/l
RT: 5.083 min Scan# 1164
Delta R.T. 0.019 min
Lab File: VU042381.D
Acq: 22 Feb 2021 10:04

Instrument :
MSVOA_U
ClientSampled :

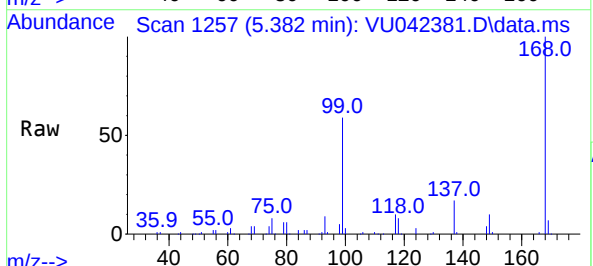


Tgt Ion:	42	Resp:	373
Ion	Ratio	Lower	Upper
42	100		
72	0.0	31.5	47.3#
71	0.0	29.5	44.3#

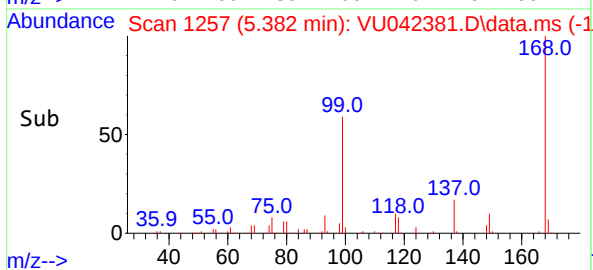
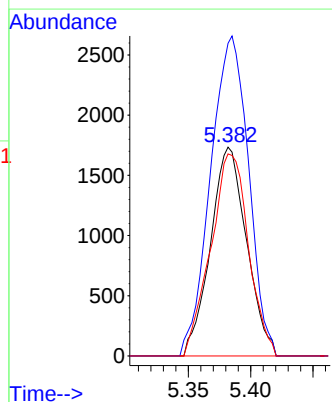


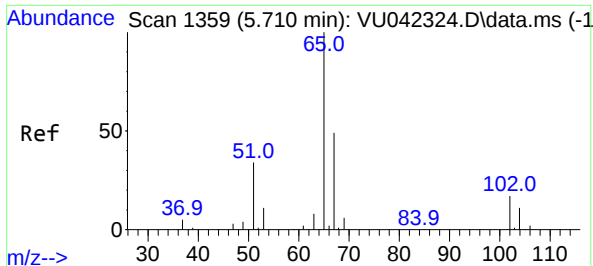
#31

Cyclohexane
Concen: 1.19 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.016 min
Lab File: VU042381.D
Acq: 22 Feb 2021 10:04



Tgt Ion:	56	Resp:	3500
Ion	Ratio	Lower	Upper
56	100		
69	149.8	24.9	37.3#
84	96.8	63.7	95.5#



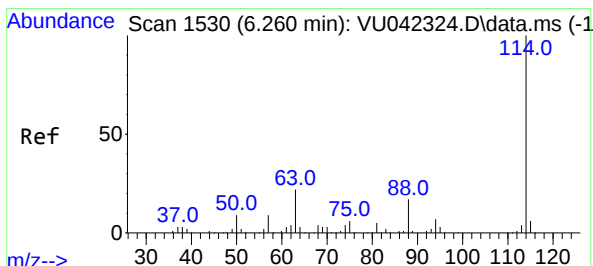
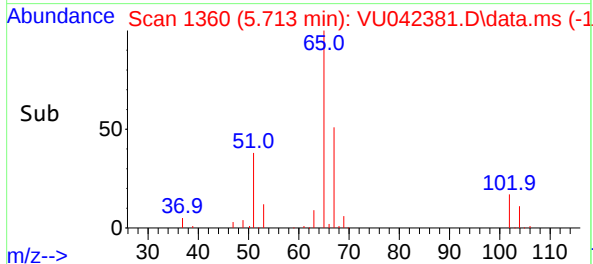
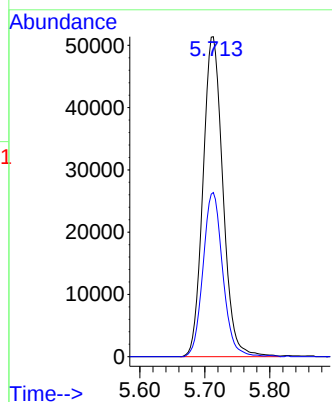
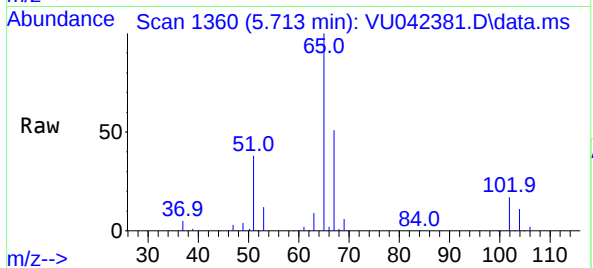


#33

1,2-Dichloroethane-d4
Concen: 49.04 ug/l
RT: 5.713 min Scan# 1360
Delta R.T. 0.003 min
Lab File: VU042381.D
Acq: 22 Feb 2021 10:04

Instrument :
MSVOA_U
ClientSampleId :

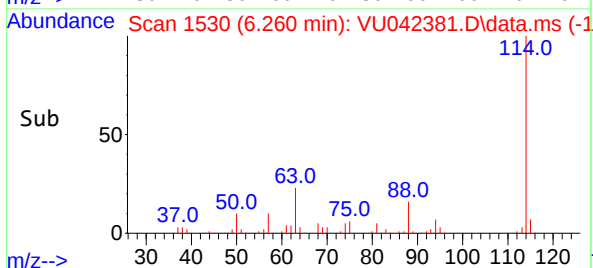
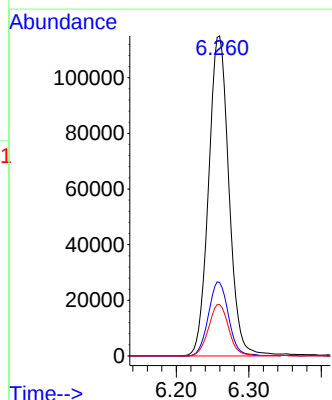
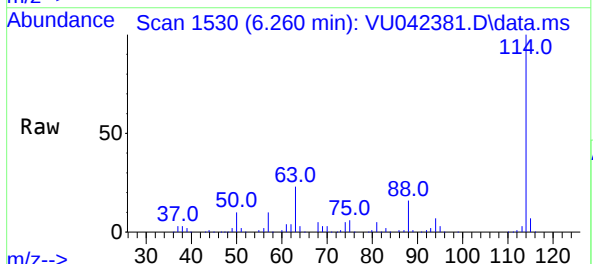
Tgt Ion: 65 Resp: 109714
Ion Ratio Lower Upper
65 100
67 50.7 0.0 99.8

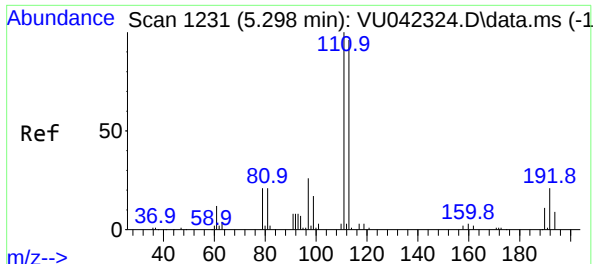


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.260 min Scan# 1530
Delta R.T. -0.000 min
Lab File: VU042381.D
Acq: 22 Feb 2021 10:04

Tgt Ion: 114 Resp: 224046
Ion Ratio Lower Upper
114 100
63 23.0 0.0 44.2
88 16.0 0.0 33.4



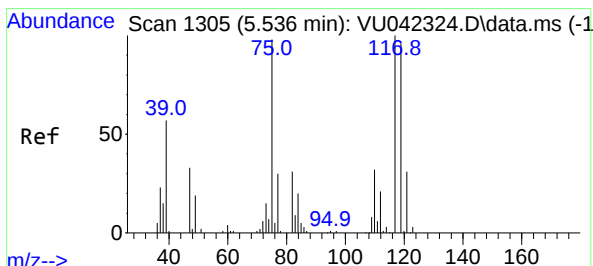
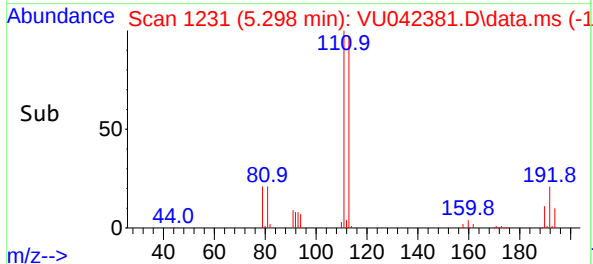
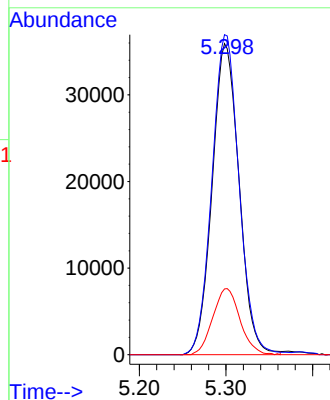
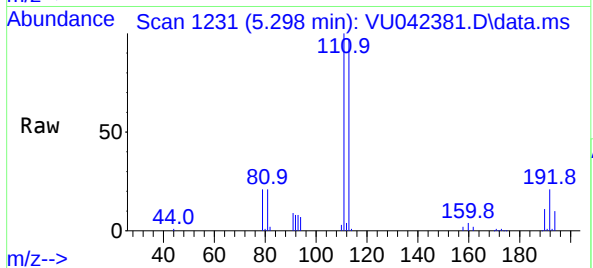


#35
Dibromofluoromethane
Concen: 49.06 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VU042381.D
Acq: 22 Feb 2021 10:04

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion:113 Resp: 77587

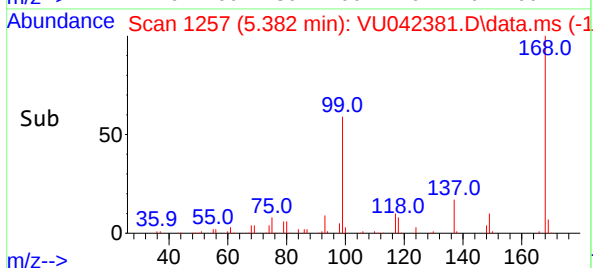
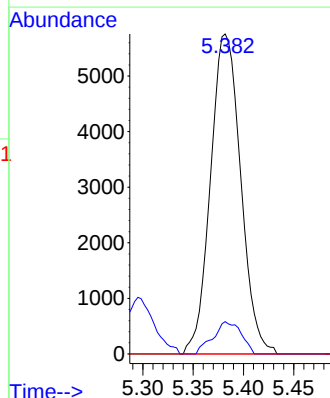
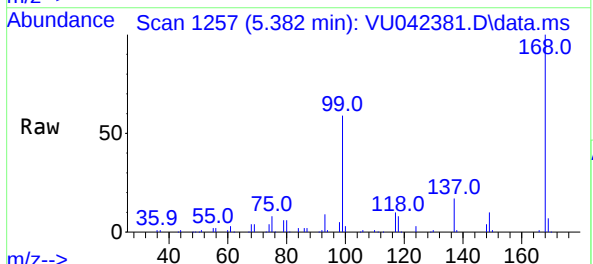
Ion	Ratio	Lower	Upper
113	100		
111	103.8	81.8	122.8
192	21.5	17.2	25.8

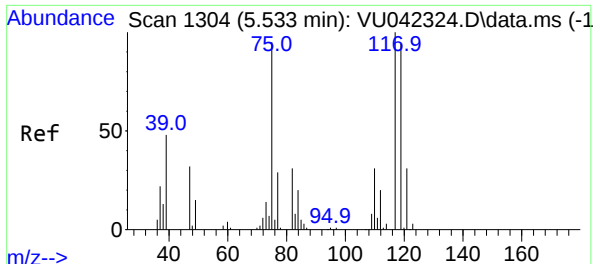


#36
1,1-Dichloropropene
Concen: 5.43 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.154 min
Lab File: VU042381.D
Acq: 22 Feb 2021 10:04

Tgt Ion: 75 Resp: 12033

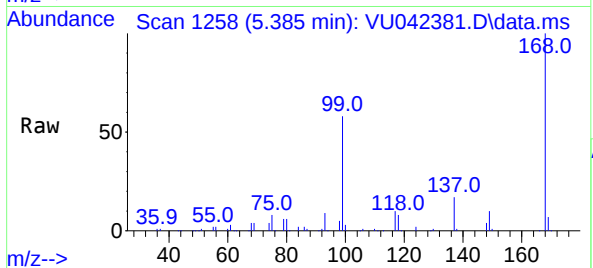
Ion	Ratio	Lower	Upper
75	100		
110	9.4	16.8	50.3#
77	0.0	24.8	37.2#



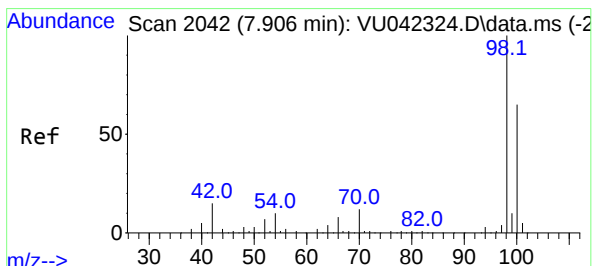
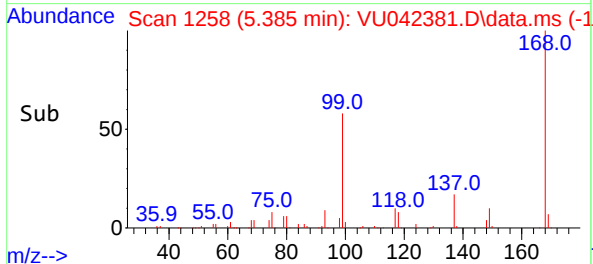
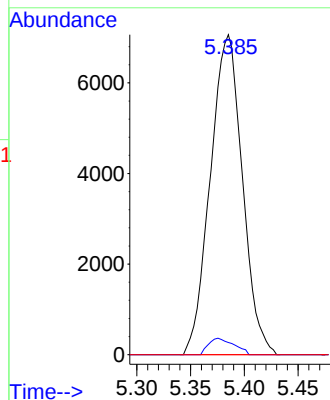


#38
Carbon Tetrachloride
Concen: 6.19 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. -0.148 min
Lab File: VU042381.D
Acq: 22 Feb 2021 10:04

Instrument :
MSVOA_U
ClientSampled :

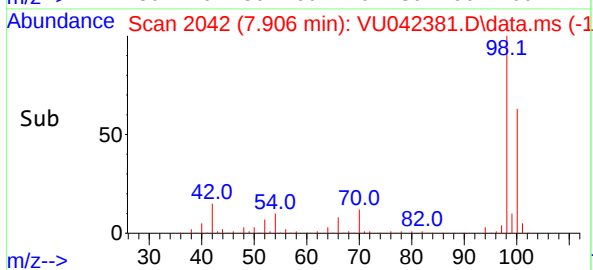
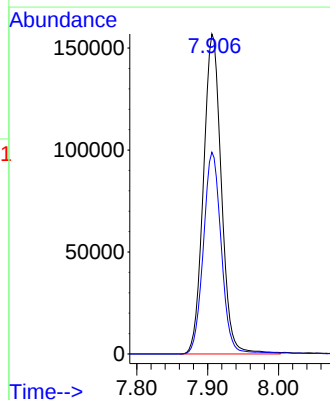
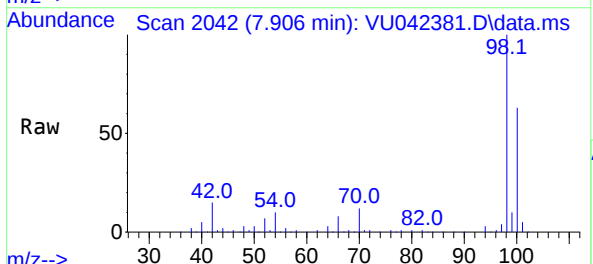


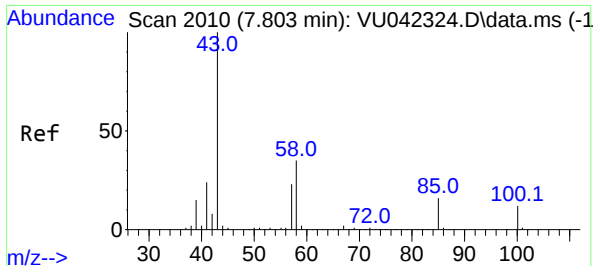
Tgt Ion:117 Resp: 14662
Ion Ratio Lower Upper
117 100
119 3.8 75.5 113.3#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 48.71 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU042381.D
Acq: 22 Feb 2021 10:04

Tgt Ion: 98 Resp: 275898
Ion Ratio Lower Upper
98 100
100 63.0 50.2 75.2

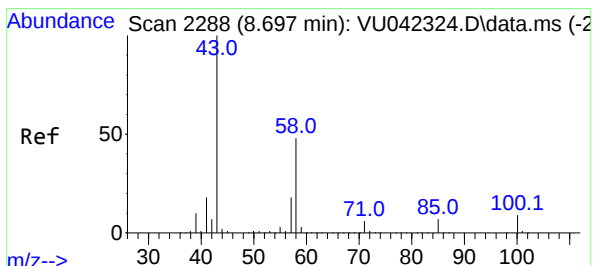
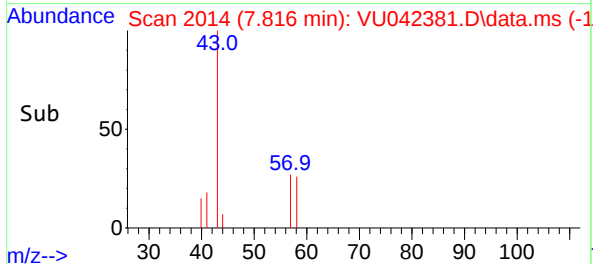
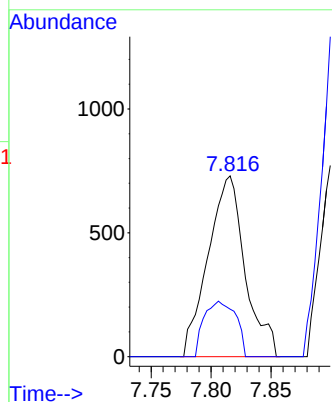
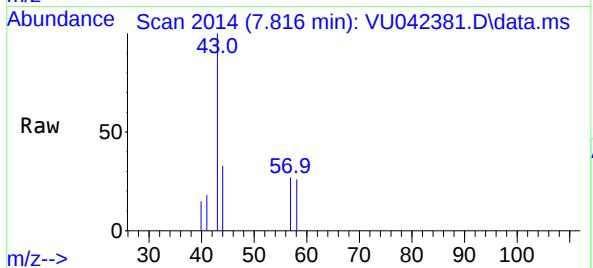




#51
4-Methyl-2-Pentanone
Concen: 0.46 ug/l
RT: 7.816 min Scan# 2014
Delta R.T. 0.013 min
Lab File: VU042381.D
Acq: 22 Feb 2021 10:04

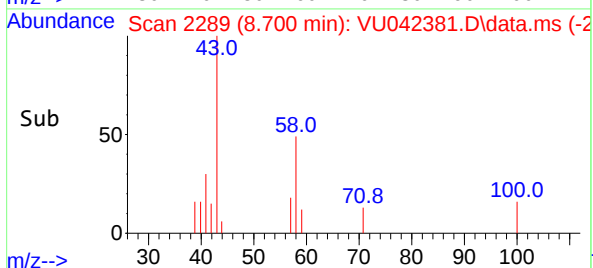
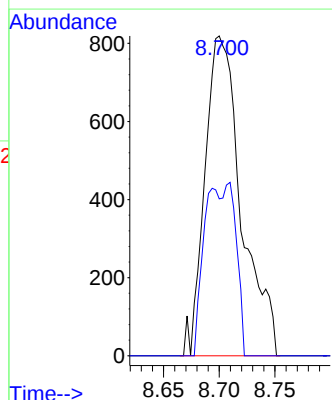
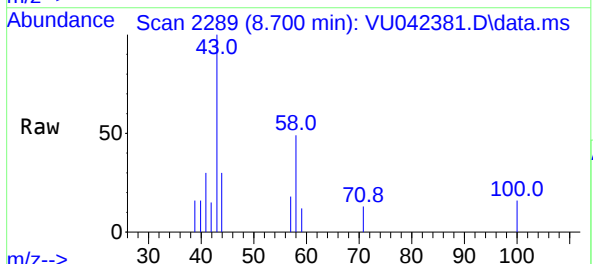
Instrument :
MSVOA_U
ClientSampled :

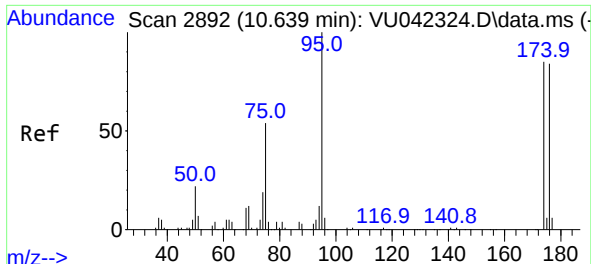
Tgt Ion: 43 Resp: 1568
Ion Ratio Lower Upper
43 100
58 26.1 28.1 42.1#



#59
2-Hexanone
Concen: 0.68 ug/l
RT: 8.700 min Scan# 2289
Delta R.T. 0.003 min
Lab File: VU042381.D
Acq: 22 Feb 2021 10:04

Tgt Ion: 43 Resp: 1870
Ion Ratio Lower Upper
43 100
58 24.8 24.0 72.0

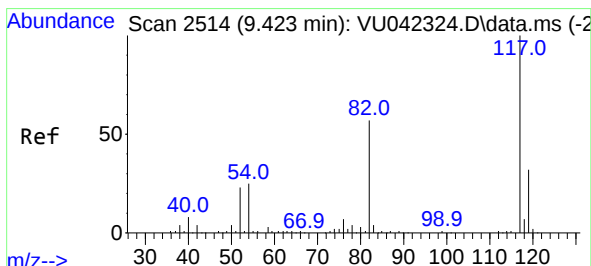
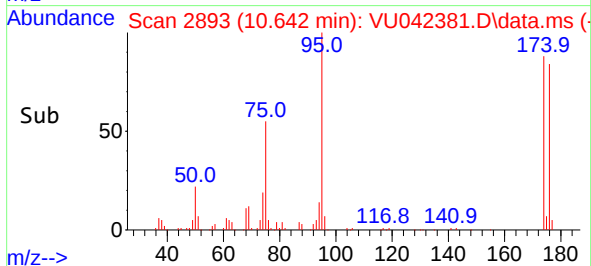
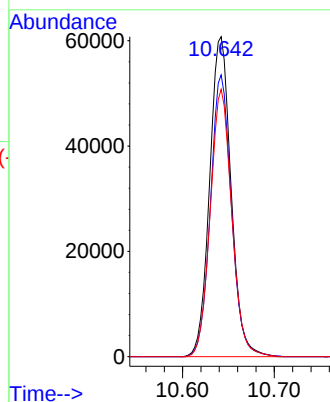
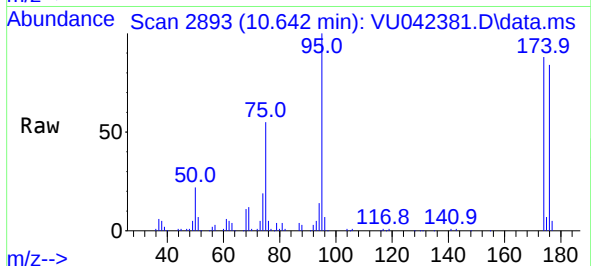




#62
4-Bromofluorobenzene
Concen: 44.11 ug/l
RT: 10.642 min Scan# 2893
Delta R.T. 0.003 min
Lab File: VU042381.D
Acq: 22 Feb 2021 10:04

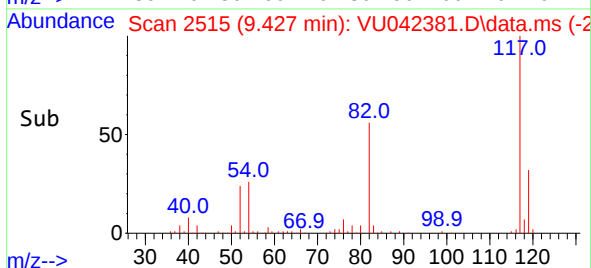
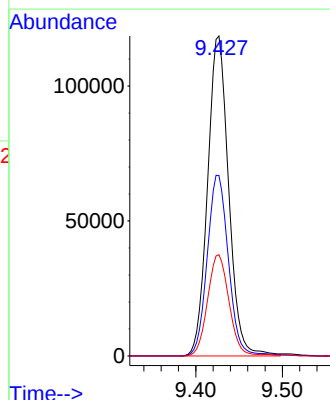
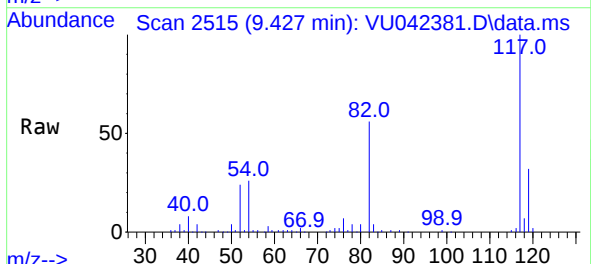
Instrument :
MSVOA_U
ClientSampleId :

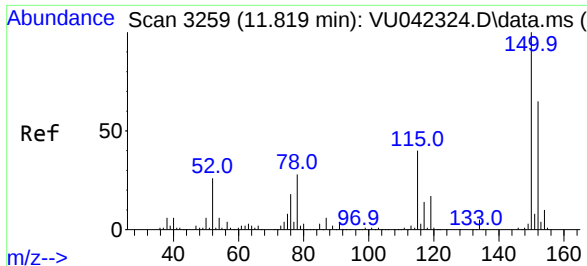
Tgt Ion: 95 Resp: 98459
Ion Ratio Lower Upper
95 100
174 86.6 0.0 172.2
176 83.7 0.0 168.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.427 min Scan# 2515
Delta R.T. 0.003 min
Lab File: VU042381.D
Acq: 22 Feb 2021 10:04

Tgt Ion: 117 Resp: 200201
Ion Ratio Lower Upper
117 100
82 56.4 45.8 68.6
119 31.7 25.8 38.8

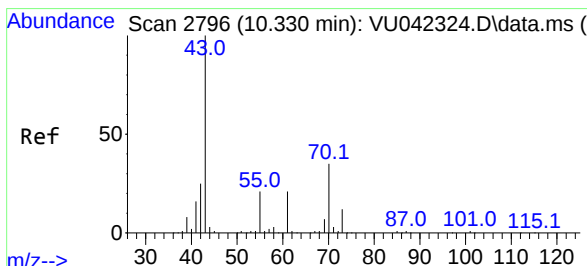
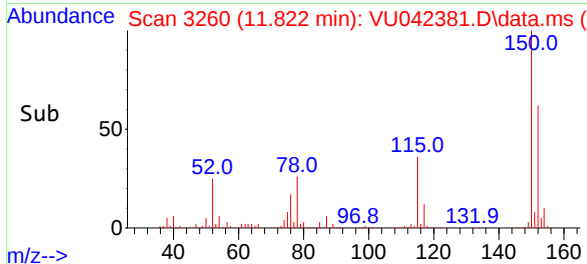
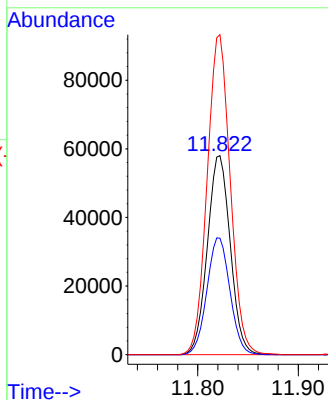
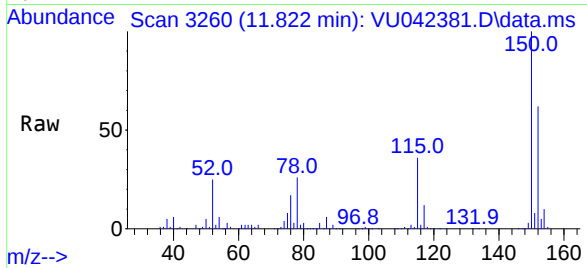




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.822 min Scan# 3260
Delta R.T. 0.003 min
Lab File: VU042381.D
Acq: 22 Feb 2021 10:04

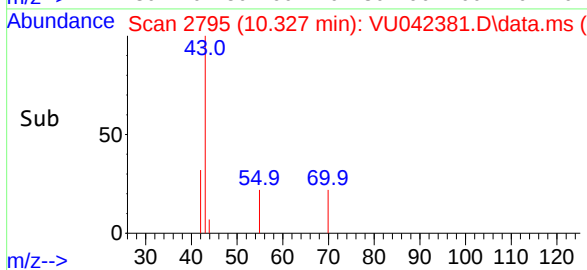
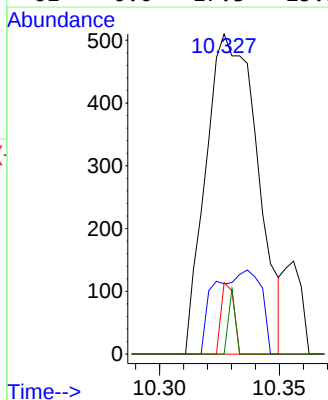
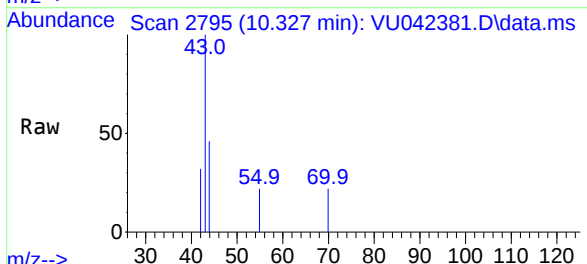
Instrument :
MSVOA_U
ClientSampleId :

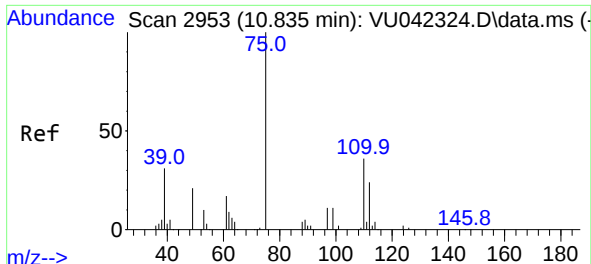
Tgt Ion:152 Resp: 91915
Ion Ratio Lower Upper
152 100
115 59.0 41.5 124.6
150 161.7 0.0 342.4



#74
N-ethyl acetate
Concen: 0.22 ug/l
RT: 10.327 min Scan# 2795
Delta R.T. -0.003 min
Lab File: VU042381.D
Acq: 22 Feb 2021 10:04

Tgt Ion: 43 Resp: 759
Ion Ratio Lower Upper
43 100
70 23.7 28.3 42.5#
55 5.4 17.2 25.8#
61 0.0 17.3 25.9#

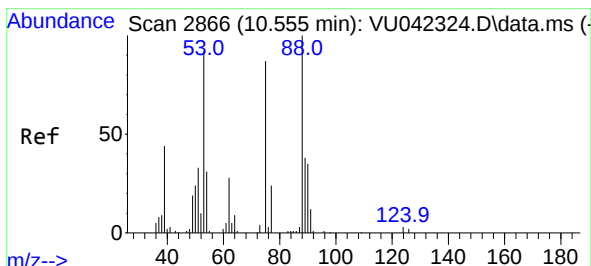
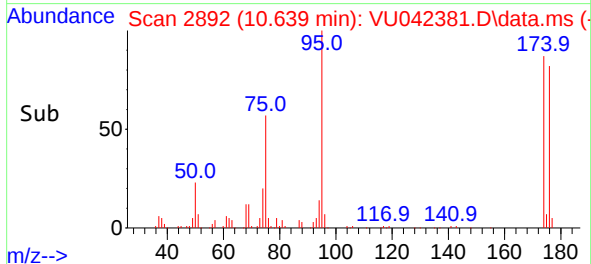
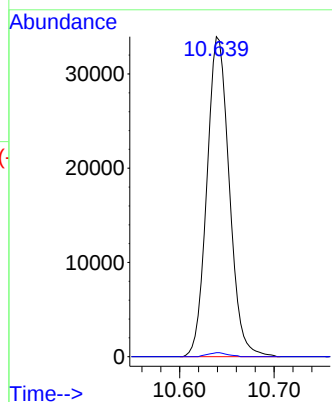
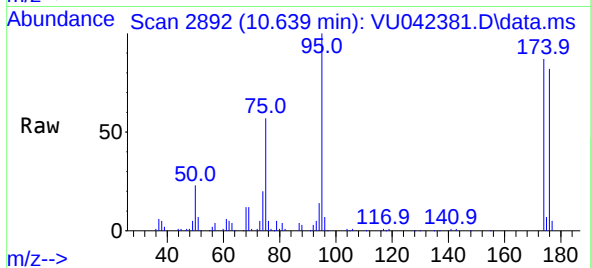




#76
1,2,3-Trichloropropane
Concen: 24.59 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.196 min
Lab File: VU042381.D
Acq: 22 Feb 2021 10:04

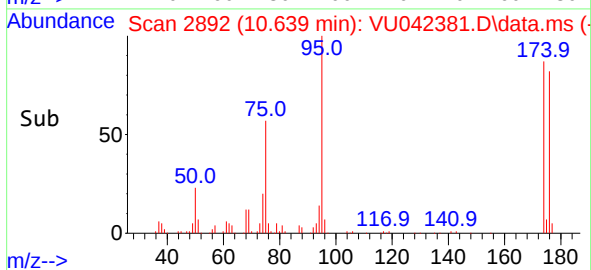
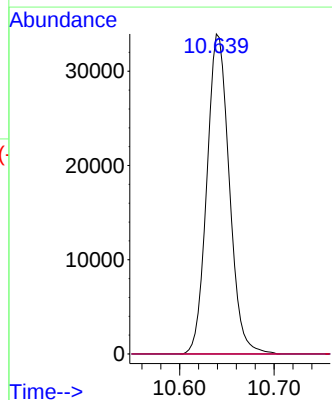
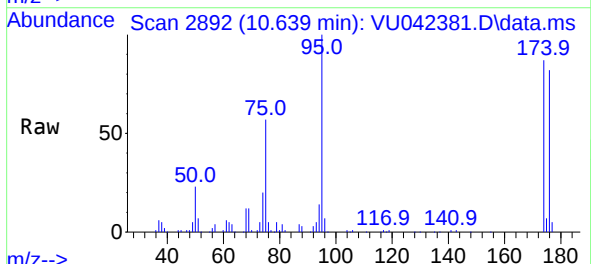
Instrument :
MSVOA_U
ClientSampled :

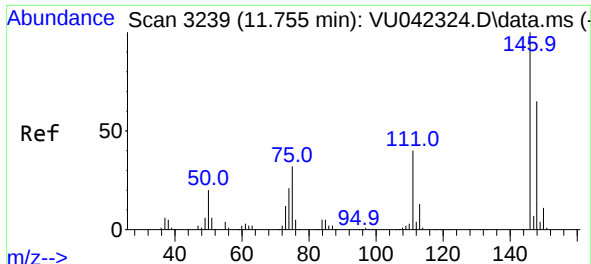
Tgt Ion: 75 Resp: 55886
Ion Ratio Lower Upper
75 100
77 1.1 20.2 60.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.86 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.084 min
Lab File: VU042381.D
Acq: 22 Feb 2021 10:04

Tgt Ion: 75 Resp: 55886
Ion Ratio Lower Upper
75 100
53 0.0 85.6 128.4#
89 0.0 35.7 53.5#





#87

1,3-Dichlorobenzene

Concen: 0.24 ug/l

RT: 11.755 min Scan# 3239

Delta R.T. -0.000 min

Lab File: VU042381.D

Acq: 22 Feb 2021 10:04

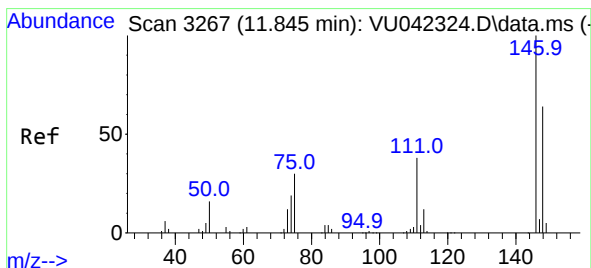
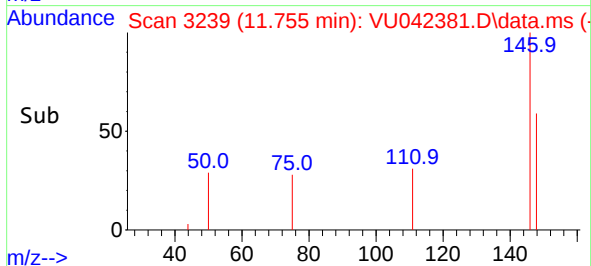
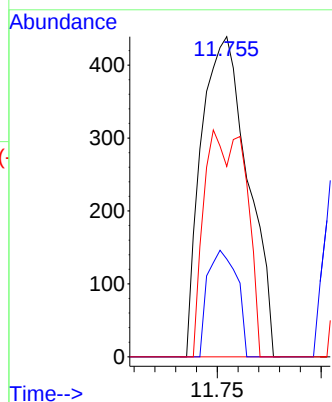
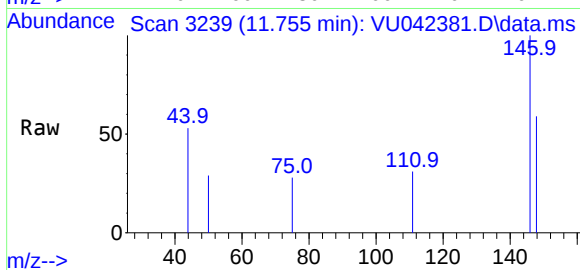
Tgt Ion:146 Resp: 683

Ion Ratio Lower Upper

146 100

111 20.9 19.9 59.6

148 35.9 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 0.24 ug/l

RT: 11.755 min Scan# 3239

Delta R.T. -0.090 min

Lab File: VU042381.D

Acq: 22 Feb 2021 10:04

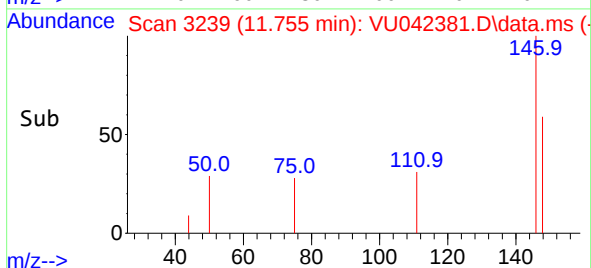
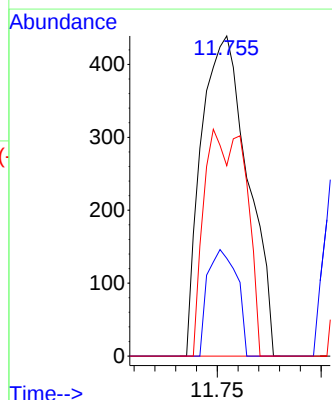
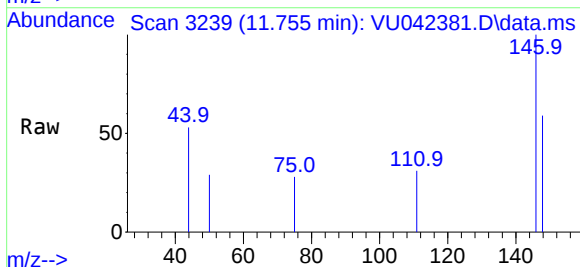
Tgt Ion:146 Resp: 683

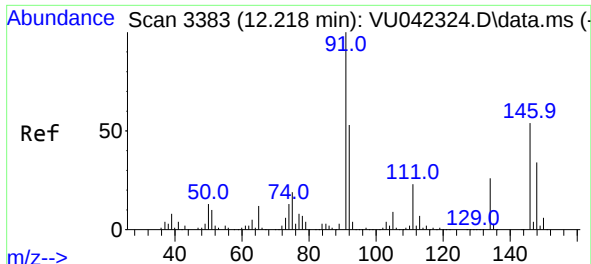
Ion Ratio Lower Upper

146 100

111 20.9 19.7 59.0

148 35.9 32.8 98.3

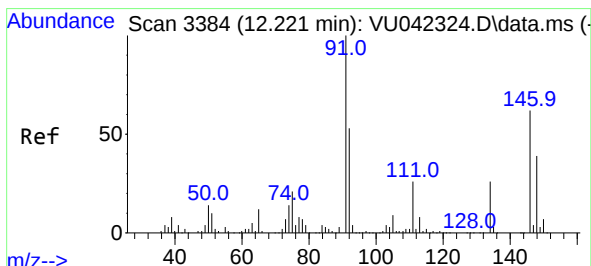
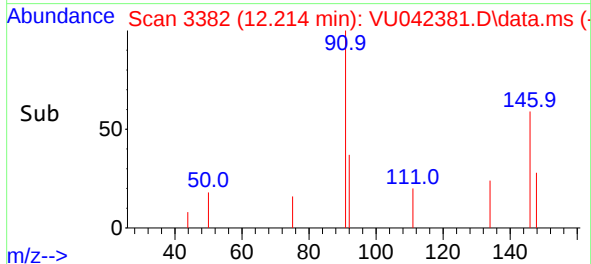
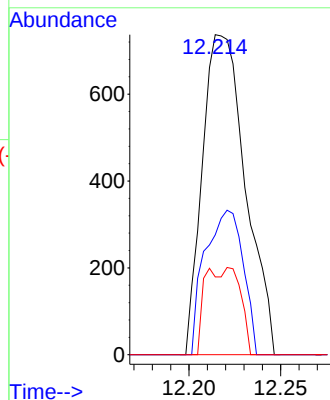
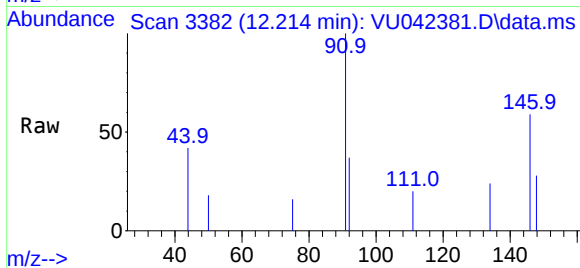




#89
n-Butylbenzene
Concen: 0.25 ug/l
RT: 12.214 min Scan# 3382
Delta R.T. -0.003 min
Lab File: VU042381.D
Acq: 22 Feb 2021 10:04

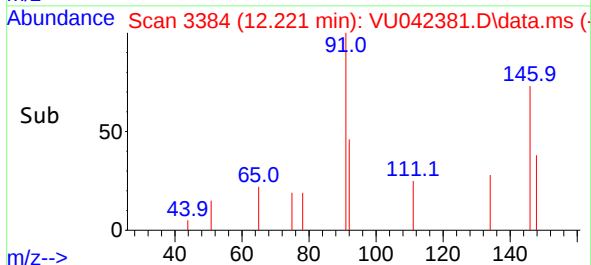
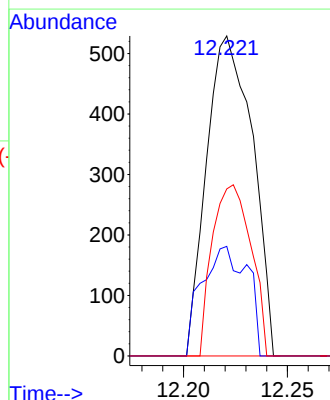
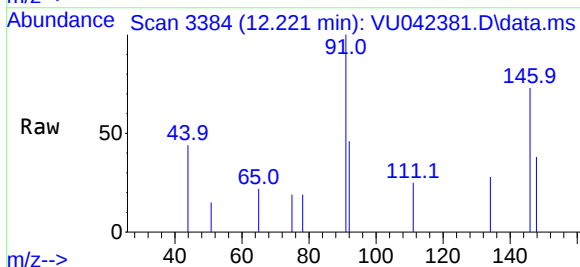
Instrument :
MSVOA_U
ClientSampled :

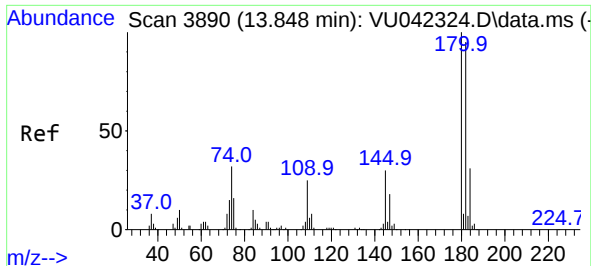
Tgt Ion: 91 Resp: 1205
Ion Ratio Lower Upper
91 100
92 39.9 26.2 78.6
134 8.9 12.7 38.1#



#91
1,2-Dichlorobenzene
Concen: 0.28 ug/l
RT: 12.221 min Scan# 3384
Delta R.T. -0.000 min
Lab File: VU042381.D
Acq: 22 Feb 2021 10:04

Tgt Ion: 146 Resp: 813
Ion Ratio Lower Upper
146 100
111 33.7 20.8 62.4
148 45.0 31.9 95.7

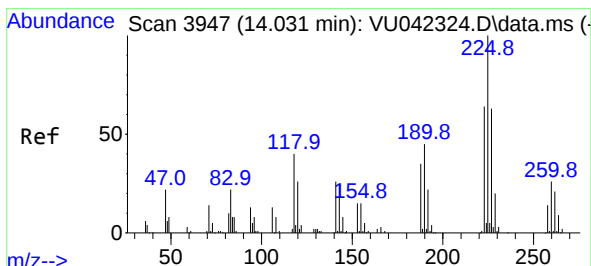
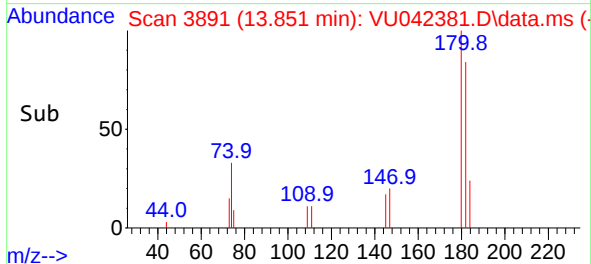
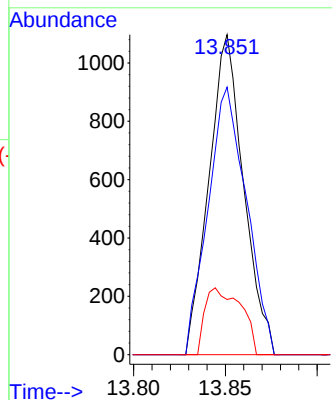
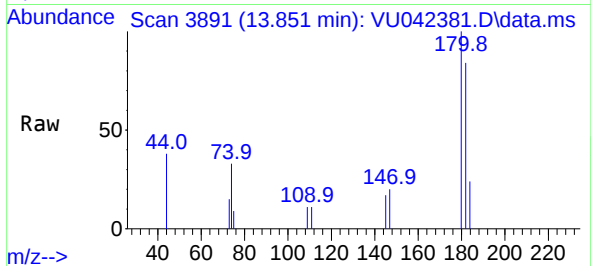




#93
1,2,4-Trichlorobenzene
Concen: 2.38 ug/l
RT: 13.851 min Scan# 3891
Delta R.T. 0.003 min
Lab File: VU042381.D
Acq: 22 Feb 2021 10:04

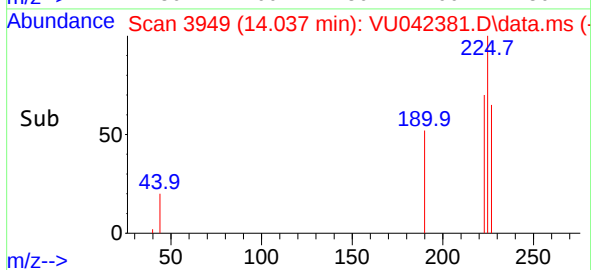
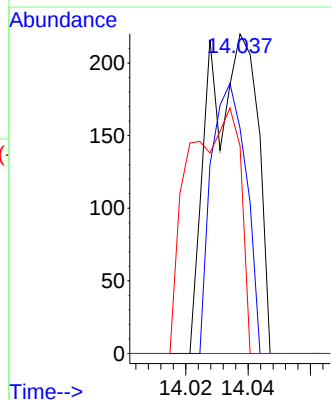
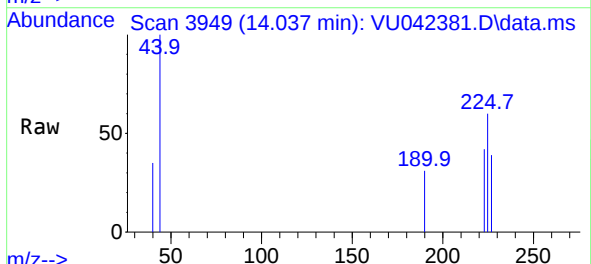
Instrument :
MSVOA_U
ClientSampleId :

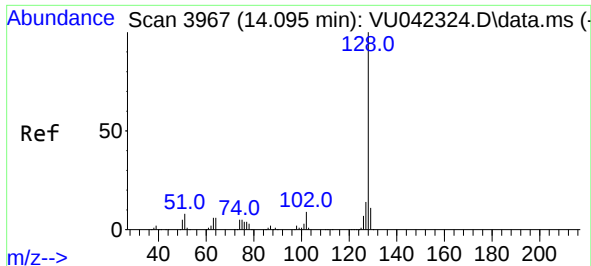
Tgt Ion:180 Resp: 1440
Ion Ratio Lower Upper
180 100
182 92.5 46.9 140.8
145 21.6 14.4 43.4



#94
Hexachlorobutadiene
Concen: 0.23 ug/l
RT: 14.037 min Scan# 3949
Delta R.T. 0.006 min
Lab File: VU042381.D
Acq: 22 Feb 2021 10:04

Tgt Ion:225 Resp: 235
Ion Ratio Lower Upper
225 100
223 61.3 32.3 96.9
227 82.6 31.8 95.4

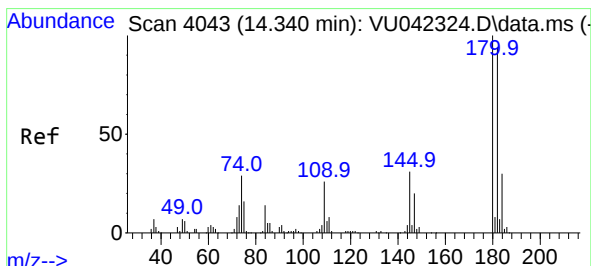
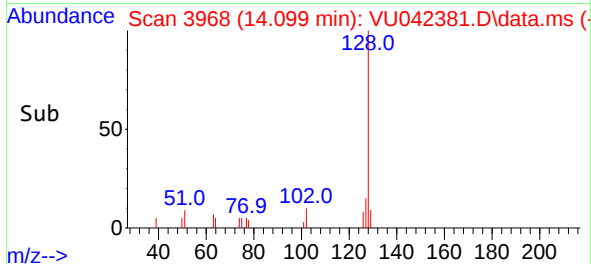
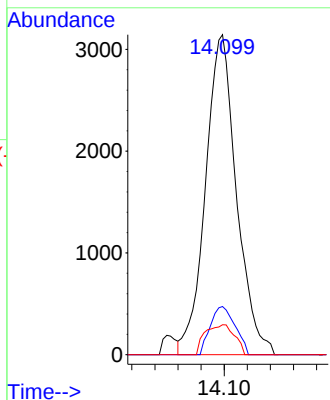
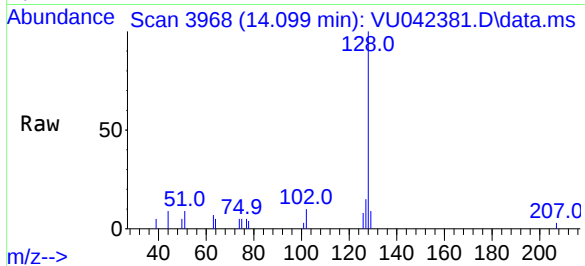




#95
Naphthalene
Concen: 3.12 ug/l
RT: 14.099 min Scan# 3968
Delta R.T. 0.003 min
Lab File: VU042381.D
Acq: 22 Feb 2021 10:04

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128	Resp:	5863
Ion Ratio	Lower	Upper
128	100	
127	12.0	10.8 16.2
129	8.9	8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 2.44 ug/l
RT: 14.340 min Scan# 4043
Delta R.T. -0.000 min
Lab File: VU042381.D
Acq: 22 Feb 2021 10:04

Tgt Ion:180	Resp:	1563
Ion Ratio	Lower	Upper
180	100	
182	89.3	48.0 144.0
145	26.0	15.5 46.5

