

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022021\
 Data File : VU042361.D
 Acq On : 19 Feb 2021 14:30
 Operator : SY/MD
 Sample : VU0219WBL07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0220WBL07

Quant Time: Feb 19 15:24:15 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)

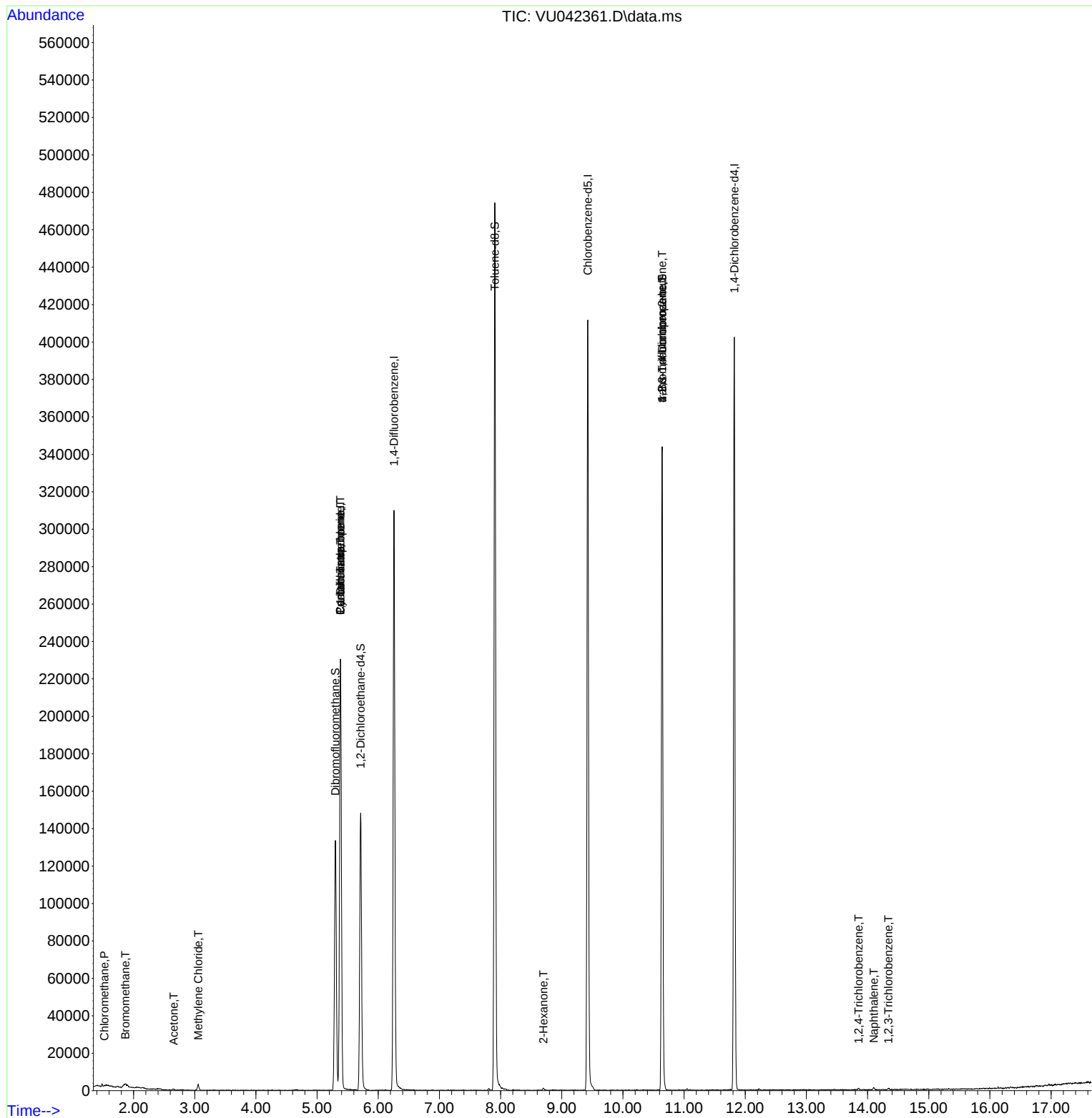
Internal Standards						
1) Pentafluorobenzene	5.382	168	161287	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	238453	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.426	117	219604	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.822	152	103392	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.713	65	118955	48.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.26%	
35) Dibromofluoromethane	5.298	113	82398	48.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.92%	
50) Toluene-d8	7.906	98	301947	50.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.18%	
62) 4-Bromofluorobenzene	10.642	95	107359	45.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.38%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.523	50	439	0.22	ug/l #	41
5) Bromomethane	1.864	94	322	0.27	ug/l #	80
16) Acetone	2.655	43	867	0.57	ug/l #	48
20) Methylene Chloride	3.057	84	1477	0.84	ug/l	82
31) Cyclohexane	5.382	56	3603	1.12	ug/l #	1
36) 1,1-Dichloropropene	5.382	75	13066	5.54	ug/l #	51
38) Carbon Tetrachloride	5.382	117	16723	6.64	ug/l #	16
59) 2-Hexanone	8.700	43	1102	0.38	ug/l	82
76) 1,2,3-Trichloropropane	10.642	75	60195	23.55	ug/l #	36
81) trans-1,4-Dichloro-2-b...	10.642	75	60195	64.02	ug/l #	7
93) 1,2,4-Trichlorobenzene	13.851	180	464	1.88	ug/l #	80
95) Naphthalene	14.102	128	1524	2.42	ug/l #	74
96) 1,2,3-Trichlorobenzene	14.339	180	511	1.90	ug/l #	69

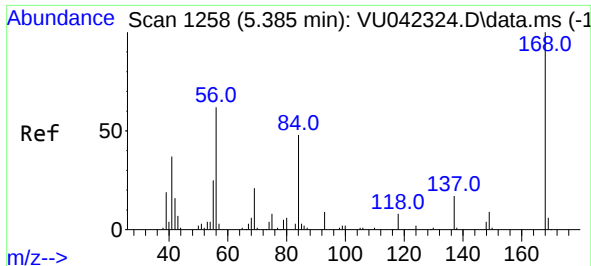
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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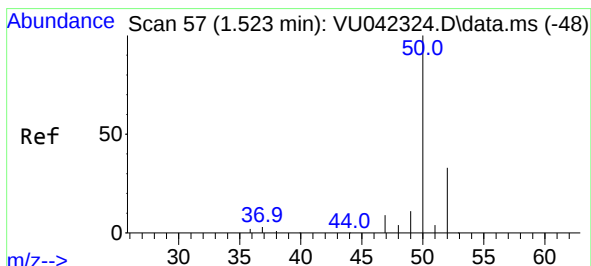
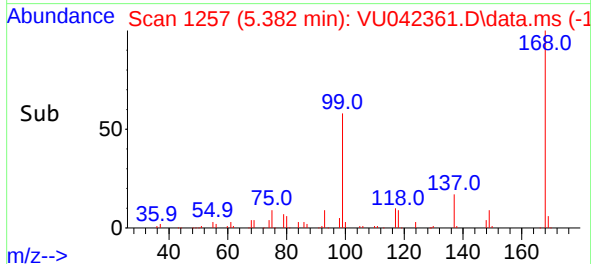
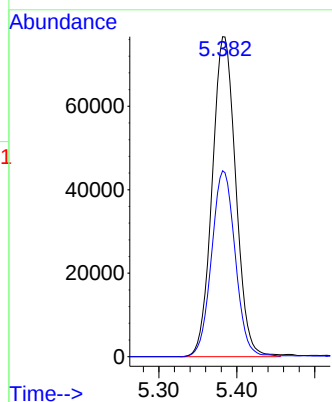
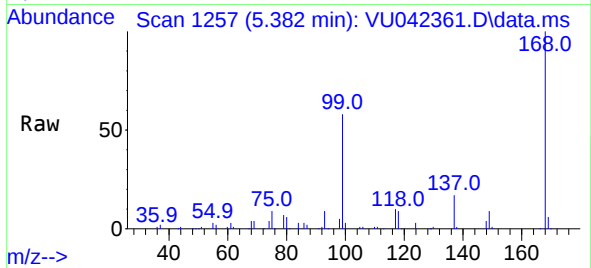




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.003 min
Lab File: VU042361.D
Acq: 19 Feb 2021 14:30

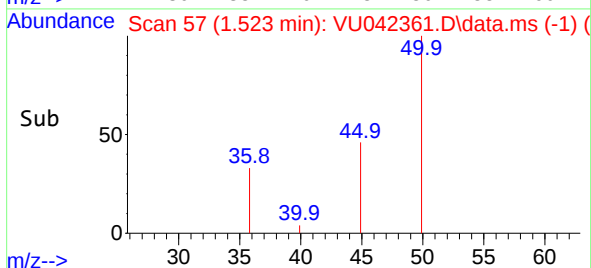
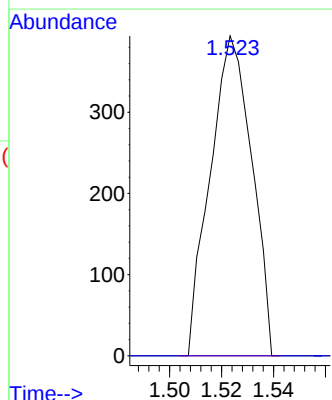
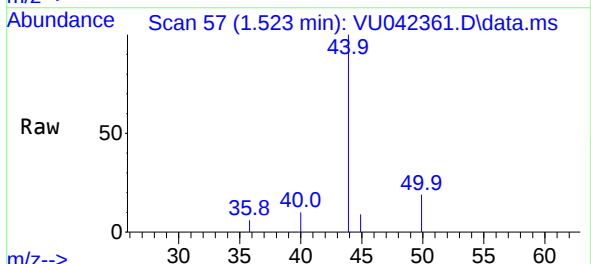
Instrument :
MSVOA_U
ClientSampleId :
VU0220WBL07

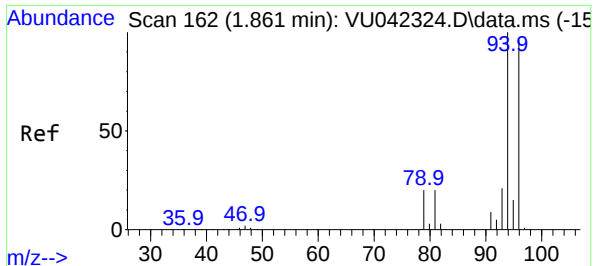
Tgt Ion:168 Resp: 161287
Ion Ratio Lower Upper
168 100
99 58.1 45.0 67.4



#3
Chloromethane
Concen: 0.22 ug/l
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU042361.D
Acq: 19 Feb 2021 14:30

Tgt Ion: 50 Resp: 439
Ion Ratio Lower Upper
50 100
52 0.0 26.6 40.0#

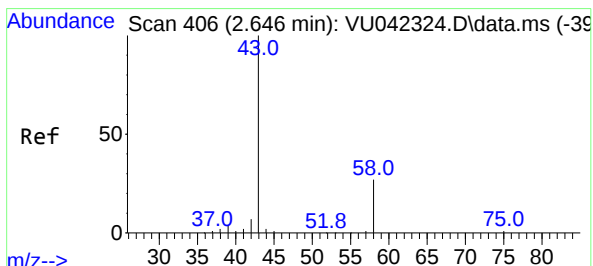
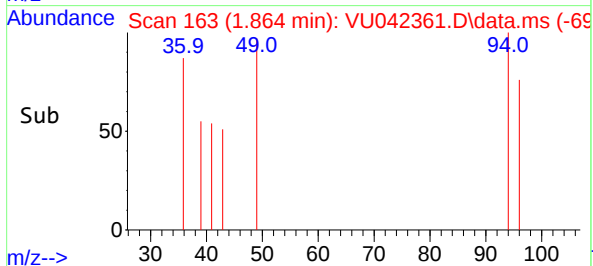
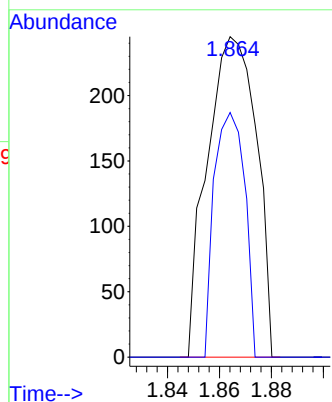
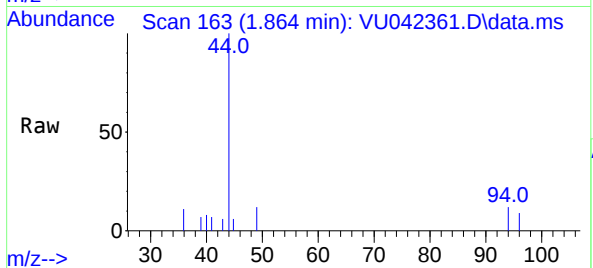




#5
Bromomethane
Concen: 0.27 ug/l
RT: 1.864 min Scan# 163
Delta R.T. 0.003 min
Lab File: VU042361.D
Acq: 19 Feb 2021 14:30

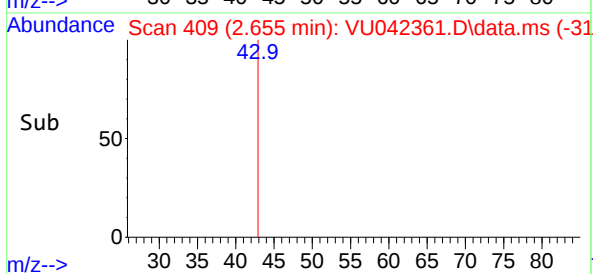
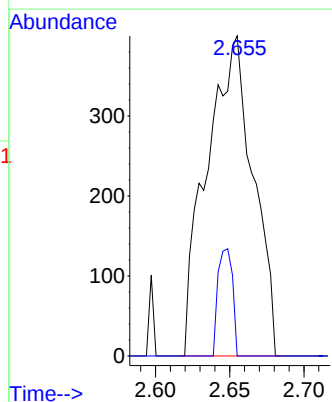
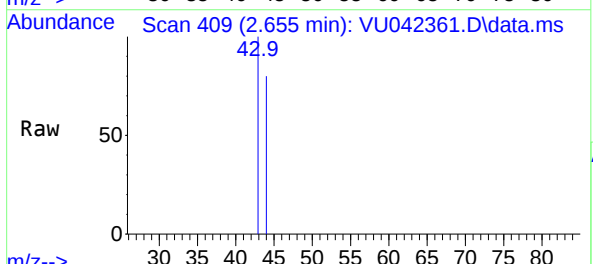
Instrument :
MSVOA_U
ClientSampleId :
VU0220WBL07

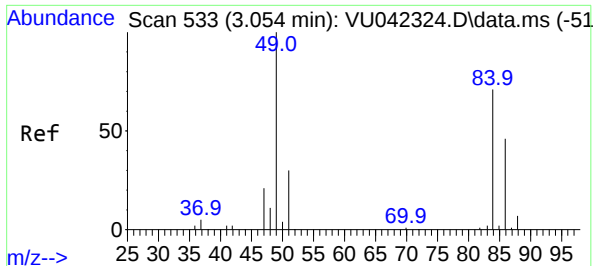
Tgt Ion: 94 Resp: 322
Ion Ratio Lower Upper
94 100
96 76.3 76.6 115.0#



#16
Acetone
Concen: 0.57 ug/l
RT: 2.655 min Scan# 409
Delta R.T. 0.009 min
Lab File: VU042361.D
Acq: 19 Feb 2021 14:30

Tgt Ion: 43 Resp: 867
Ion Ratio Lower Upper
43 100
58 0.0 21.5 32.3#



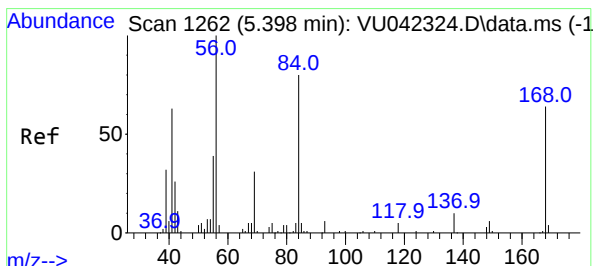
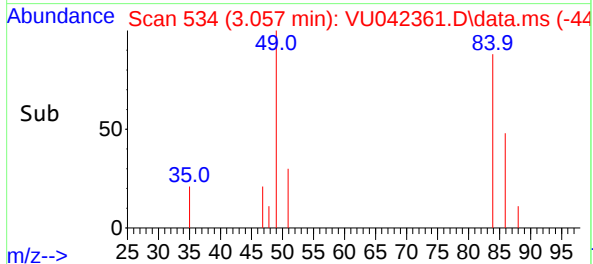
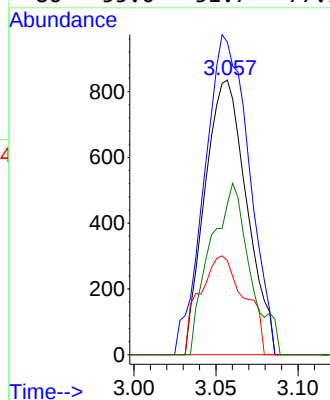
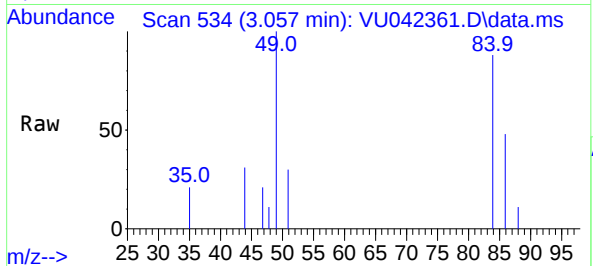


#20
Methylene Chloride
Concen: 0.84 ug/l
RT: 3.057 min Scan# 534
Delta R.T. 0.003 min
Lab File: VU042361.D
Acq: 19 Feb 2021 14:30

Instrument :
MSVOA_U
ClientSampleId :
VU0220WBL07

Tgt Ion: 84 Resp: 1477

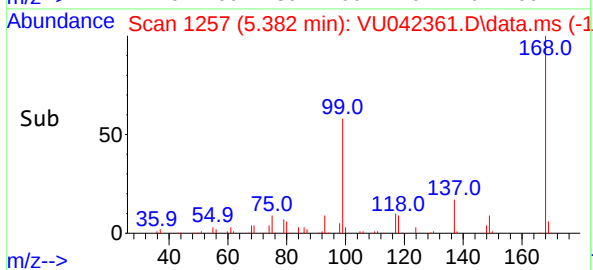
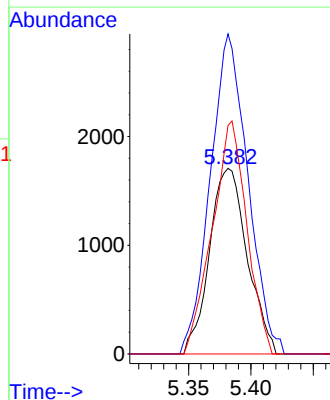
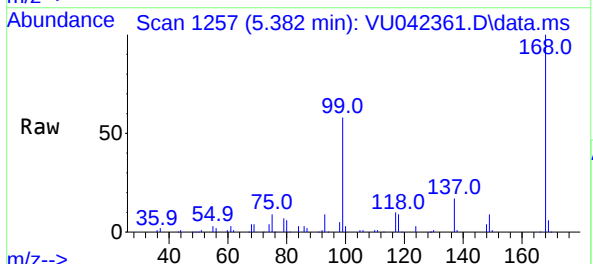
Ion	Ratio	Lower	Upper
84	100		
49	113.8	112.6	169.0
51	34.3	33.7	50.5
86	55.0	51.7	77.5

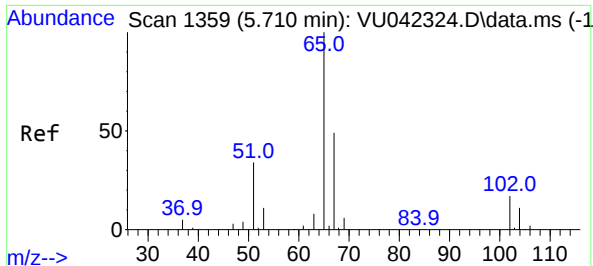


#31
Cyclohexane
Concen: 1.12 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.016 min
Lab File: VU042361.D
Acq: 19 Feb 2021 14:30

Tgt Ion: 56 Resp: 3603

Ion	Ratio	Lower	Upper
56	100		
69	172.4	24.9	37.3#
84	123.1	63.7	95.5#



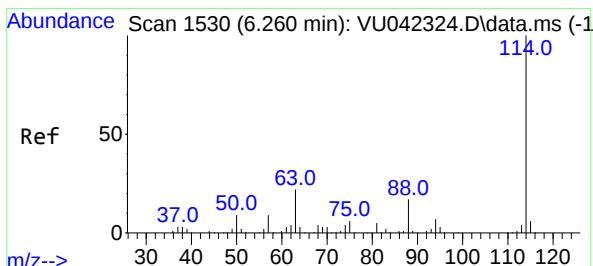
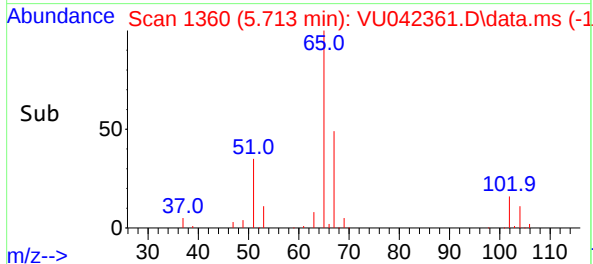
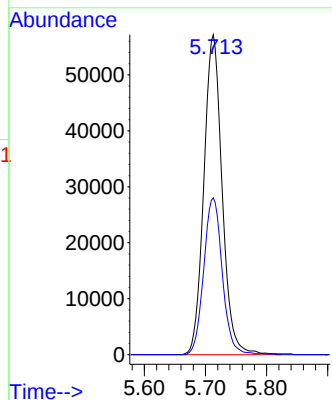
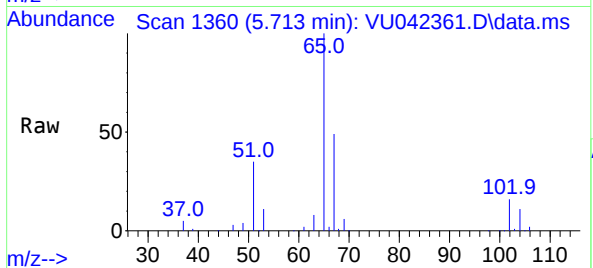


#33

1,2-Dichloroethane-d4
Concen: 48.63 ug/l
RT: 5.713 min Scan# 1360
Delta R.T. 0.003 min
Lab File: VU042361.D
Acq: 19 Feb 2021 14:30

Instrument :
MSVOA_U
ClientSampleId :
VU0220WBL07

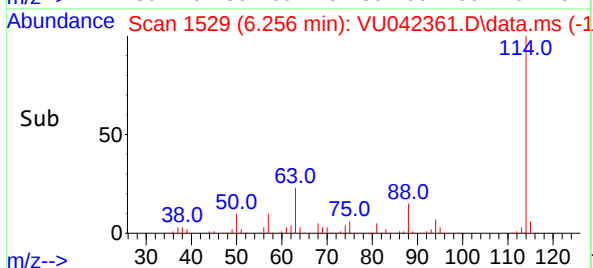
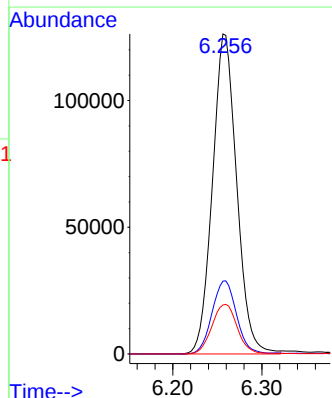
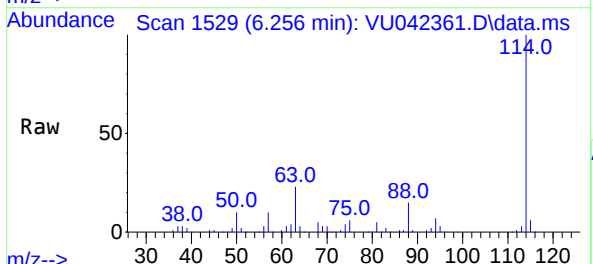
Tgt Ion: 65 Resp: 118955
Ion Ratio Lower Upper
65 100
67 49.6 0.0 99.8

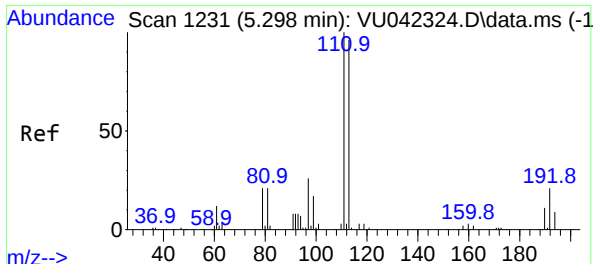


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. -0.003 min
Lab File: VU042361.D
Acq: 19 Feb 2021 14:30

Tgt Ion: 114 Resp: 238453
Ion Ratio Lower Upper
114 100
63 22.8 0.0 44.2
88 15.3 0.0 33.4



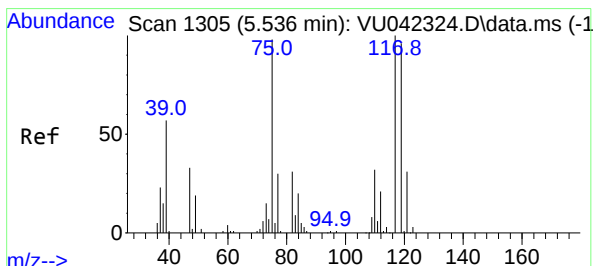
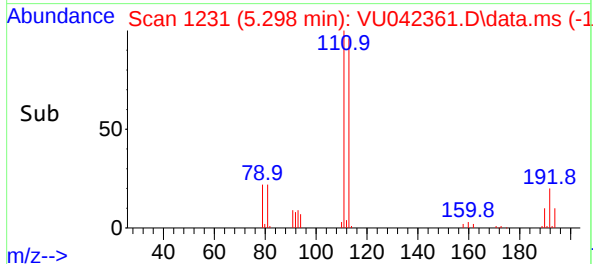
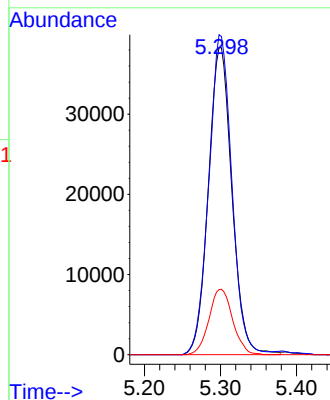
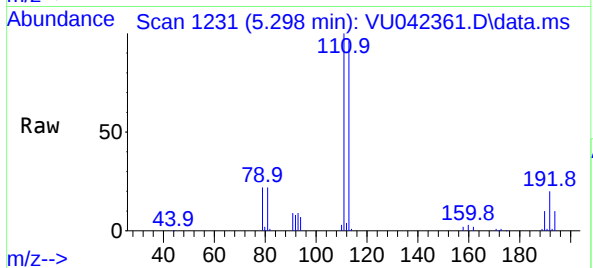


#35
Dibromofluoromethane
Concen: 48.96 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VU042361.D
Acq: 19 Feb 2021 14:30

Instrument :
MSVOA_U
ClientSampleId :
VU0220WBL07

Tgt Ion:113 Resp: 82398

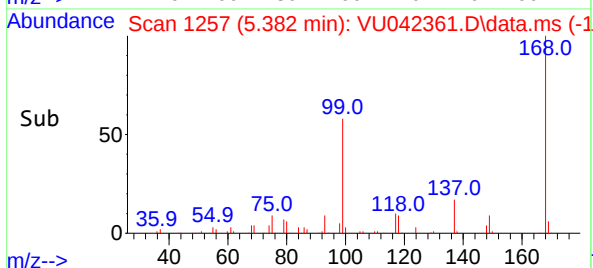
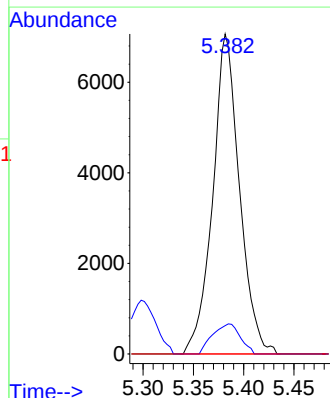
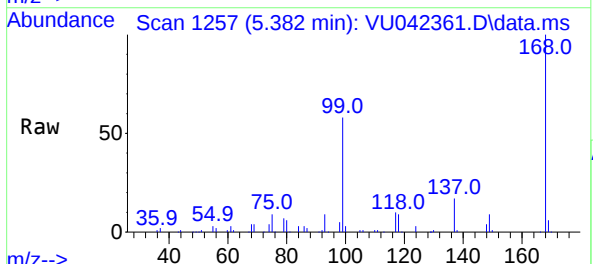
Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.8	122.8
192	21.4	17.2	25.8

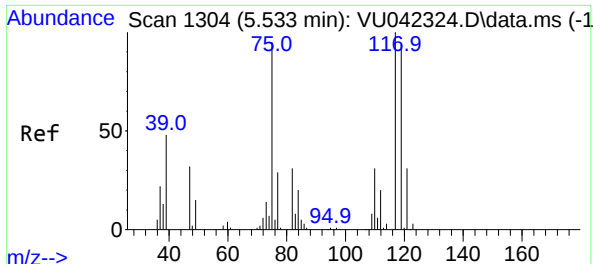


#36
1,1-Dichloropropene
Concen: 5.54 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.155 min
Lab File: VU042361.D
Acq: 19 Feb 2021 14:30

Tgt Ion: 75 Resp: 13066

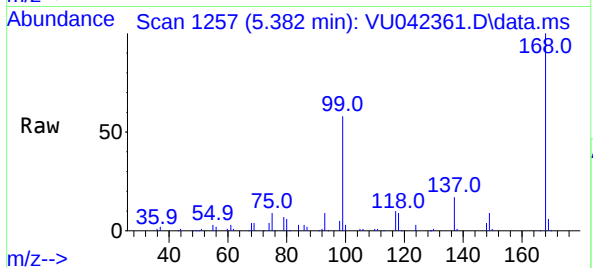
Ion	Ratio	Lower	Upper
75	100		
110	9.7	16.8	50.3#
77	0.0	24.8	37.2#



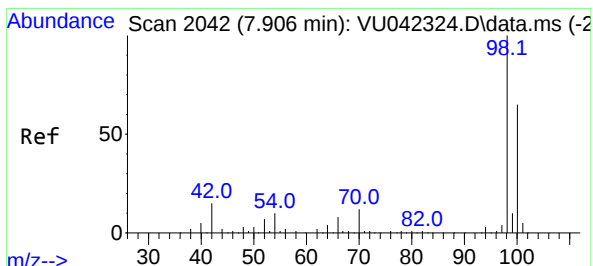
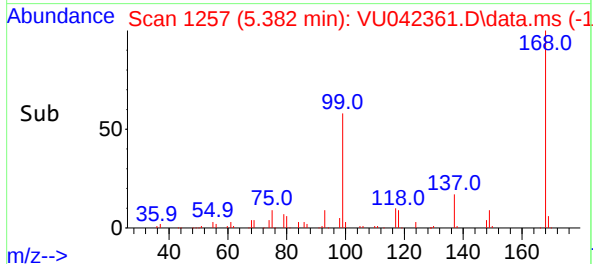
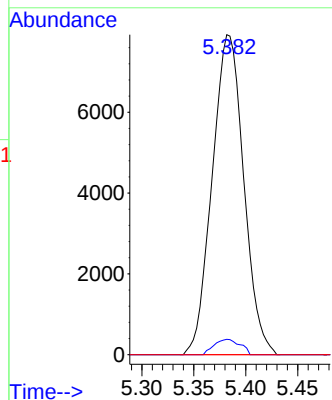


#38
Carbon Tetrachloride
Concen: 6.64 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU042361.D
Acq: 19 Feb 2021 14:30

Instrument :
MSVOA_U
ClientSampleId :
VU0220WBL07

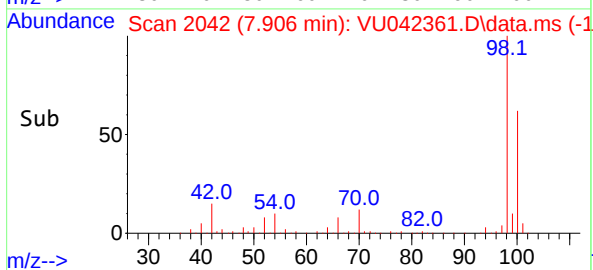
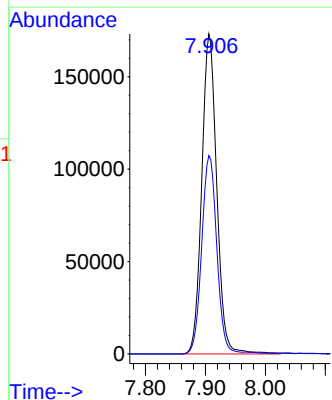
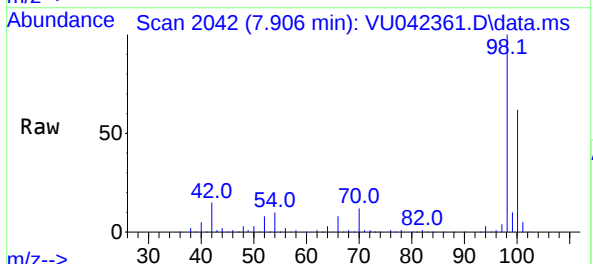


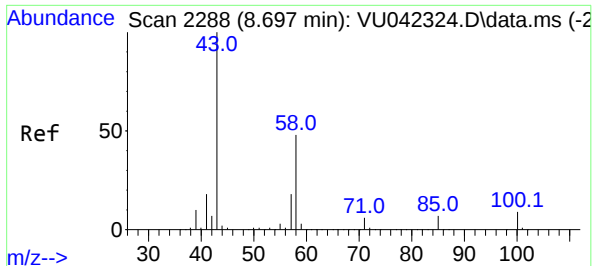
Tgt Ion:117 Resp: 16723
Ion Ratio Lower Upper
117 100
119 4.8 75.5 113.3#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 50.09 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU042361.D
Acq: 19 Feb 2021 14:30

Tgt Ion: 98 Resp: 301947
Ion Ratio Lower Upper
98 100
100 62.9 50.2 75.2

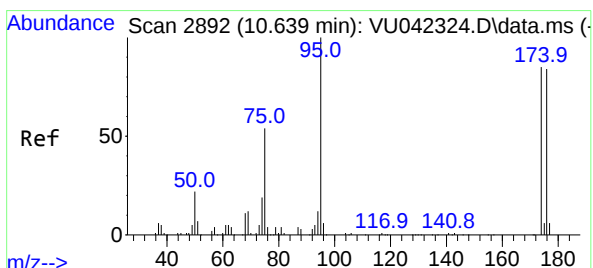
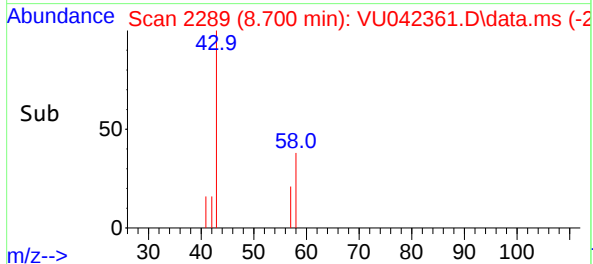
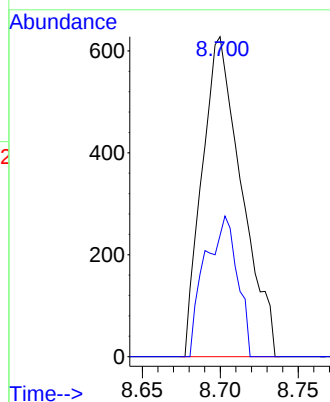
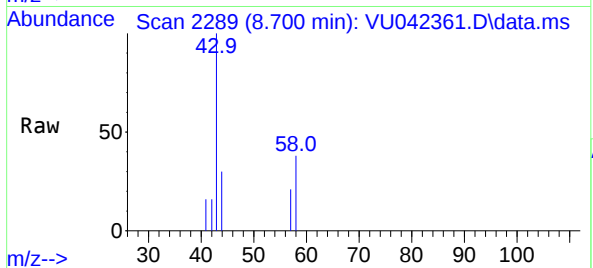




#59
2-Hexanone
Concen: 0.38 ug/l
RT: 8.700 min Scan# 2289
Delta R.T. 0.003 min
Lab File: VU042361.D
Acq: 19 Feb 2021 14:30

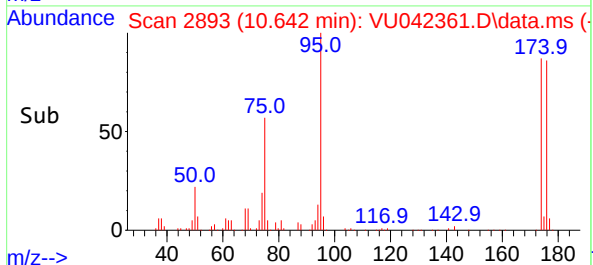
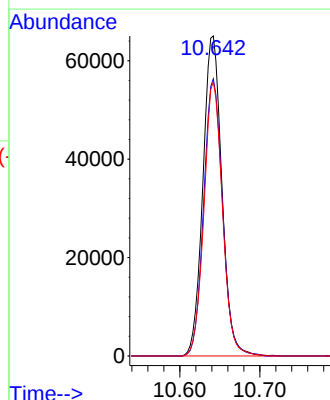
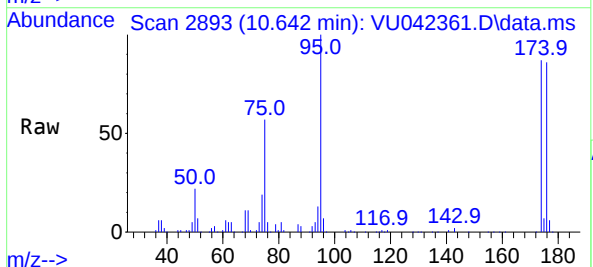
Instrument :
MSVOA_U
ClientSampleId :
VU0220WBL07

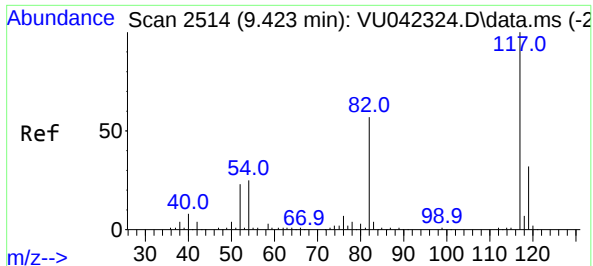
Tgt Ion: 43 Resp: 1102
Ion Ratio Lower Upper
43 100
58 36.0 24.0 72.0



#62
4-Bromofluorobenzene
Concen: 45.19 ug/l
RT: 10.642 min Scan# 2893
Delta R.T. 0.003 min
Lab File: VU042361.D
Acq: 19 Feb 2021 14:30

Tgt Ion: 95 Resp: 107359
Ion Ratio Lower Upper
95 100
174 86.4 0.0 172.2
176 83.8 0.0 168.8

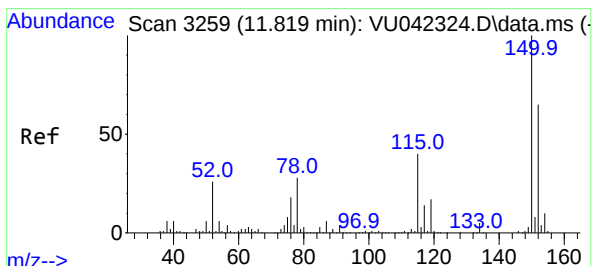
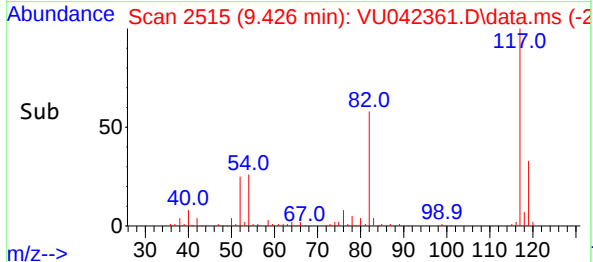
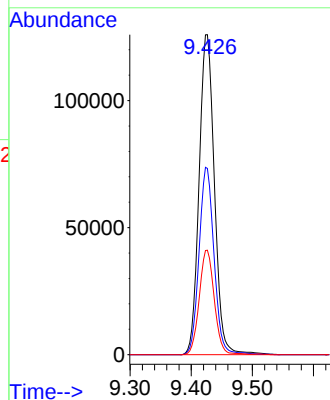
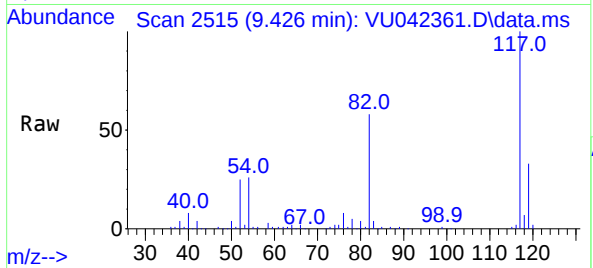




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.426 min Scan# 2515
Delta R.T. 0.003 min
Lab File: VU042361.D
Acq: 19 Feb 2021 14:30

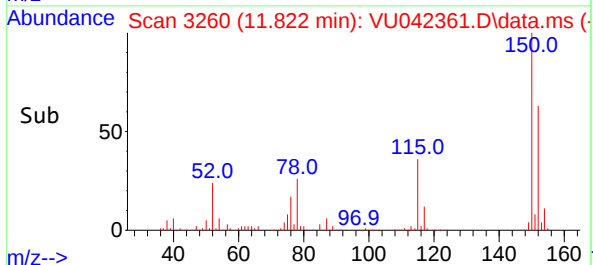
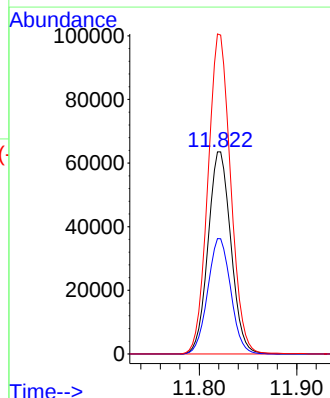
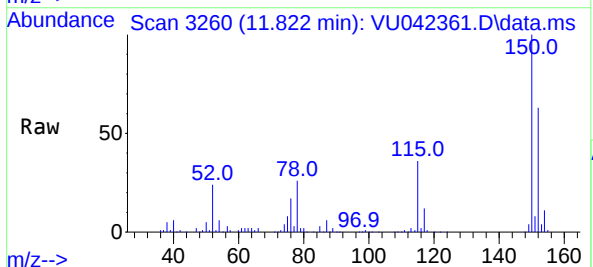
Instrument :
MSVOA_U
ClientSampleId :
VU0220WBL07

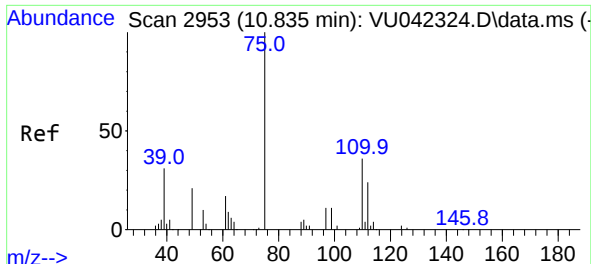
Tgt Ion:117 Resp: 219604
Ion Ratio Lower Upper
117 100
82 58.2 45.8 68.6
119 32.7 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.822 min Scan# 3260
Delta R.T. 0.003 min
Lab File: VU042361.D
Acq: 19 Feb 2021 14:30

Tgt Ion:152 Resp: 103392
Ion Ratio Lower Upper
152 100
115 57.5 41.5 124.6
150 157.6 0.0 342.4

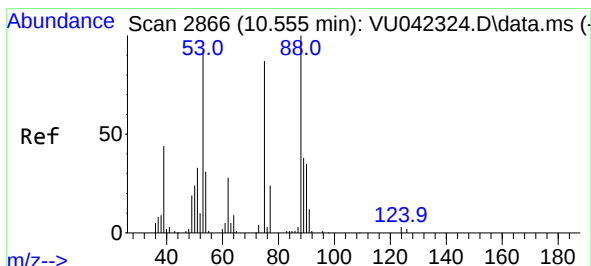
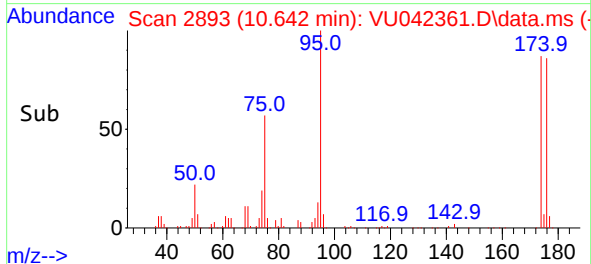
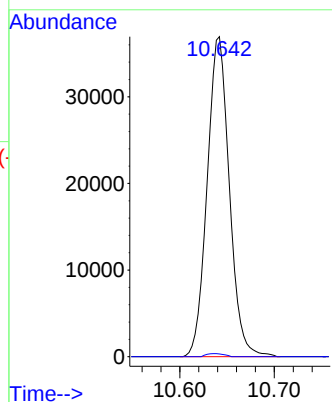
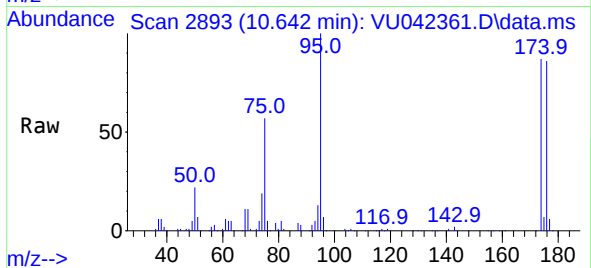




#76
1,2,3-Trichloropropane
Concen: 23.55 ug/l
RT: 10.642 min Scan# 2893
Delta R.T. -0.193 min
Lab File: VU042361.D
Acq: 19 Feb 2021 14:30

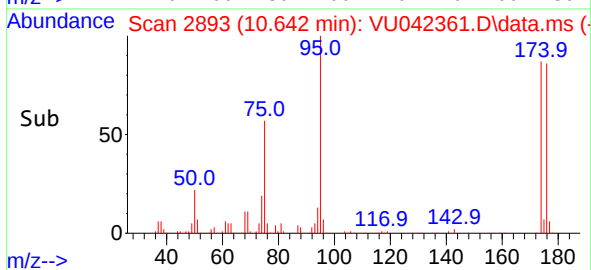
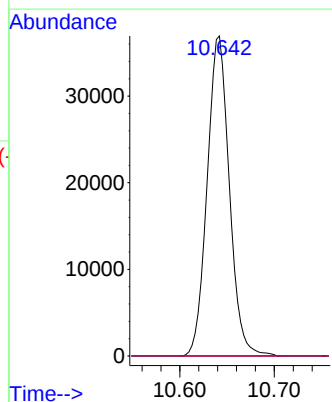
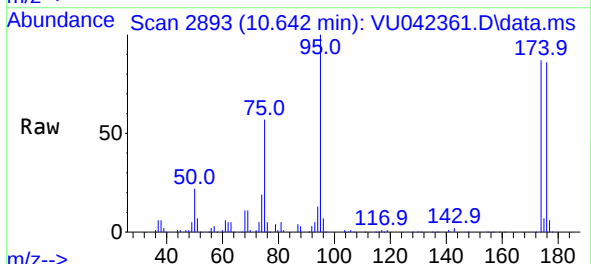
Instrument :
MSVOA_U
ClientSampleId :
VU0220WBL07

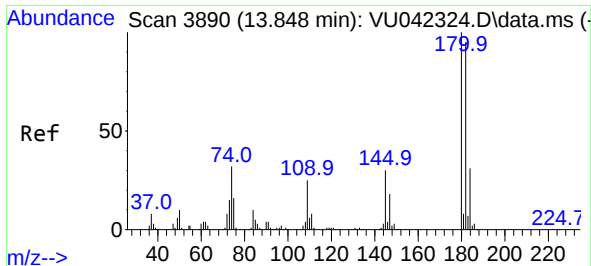
Tgt Ion: 75 Resp: 60195
Ion Ratio Lower Upper
75 100
77 0.8 20.2 60.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.02 ug/l
RT: 10.642 min Scan# 2893
Delta R.T. 0.087 min
Lab File: VU042361.D
Acq: 19 Feb 2021 14:30

Tgt Ion: 75 Resp: 60195
Ion Ratio Lower Upper
75 100
53 0.0 85.6 128.4#
89 0.0 35.7 53.5#

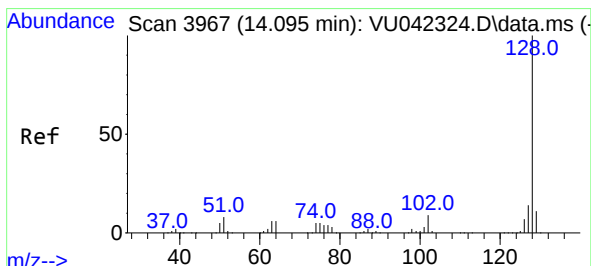
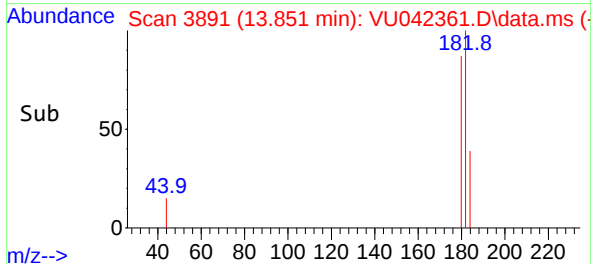
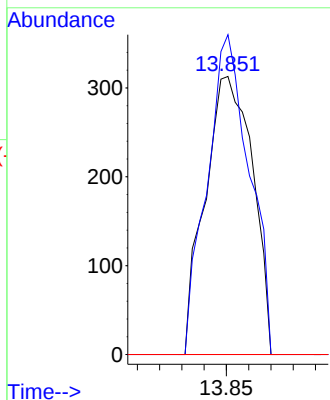
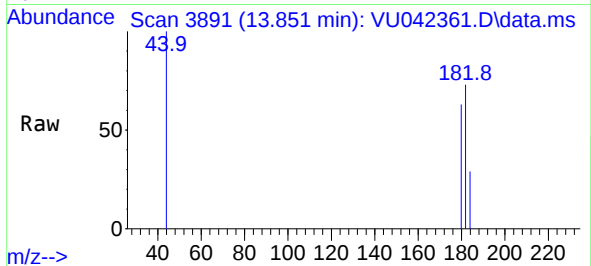




#93
1,2,4-Trichlorobenzene
Concen: 1.88 ug/l
RT: 13.851 min Scan# 3891
Delta R.T. 0.003 min
Lab File: VU042361.D
Acq: 19 Feb 2021 14:30

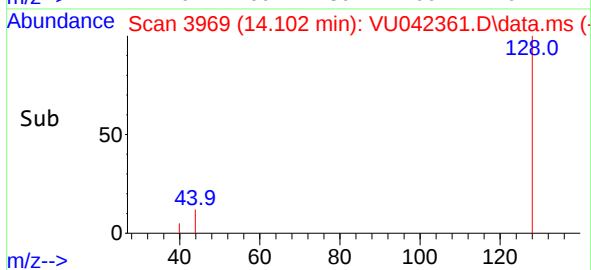
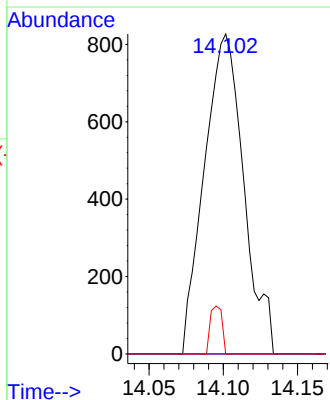
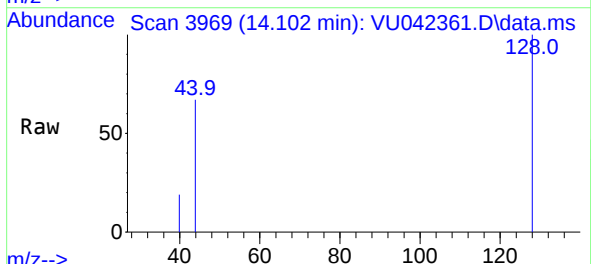
Instrument :
MSVOA_U
ClientSampleId :
VU0220WBL07

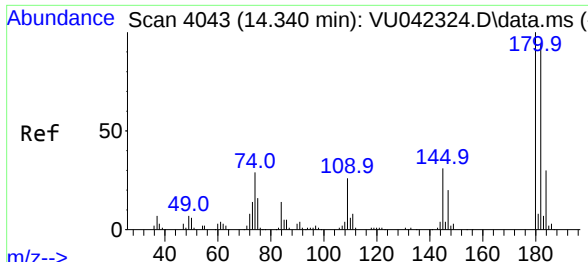
Tgt Ion:180	Resp:	464
Ion	Ratio	Lower Upper
180	100	
182	102.6	46.9 140.8
145	0.0	14.4 43.4#



#95
Naphthalene
Concen: 2.42 ug/l
RT: 14.102 min Scan# 3969
Delta R.T. 0.007 min
Lab File: VU042361.D
Acq: 19 Feb 2021 14:30

Tgt Ion:128	Resp:	1524
Ion	Ratio	Lower Upper
128	100	
127	0.0	10.8 16.2#
129	4.4	8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.90 ug/l
 RT: 14.339 min Scan# 4043
 Delta R.T. -0.001 min
 Lab File: VU042361.D
 Acq: 19 Feb 2021 14:30

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0220WBL07

Tgt Ion:	180	Resp:	511
Ion	Ratio	Lower	Upper
180	100		
182	70.8	48.0	144.0
145	4.3	15.5	46.5#

