

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022021\
 Data File : VU042360.D
 Acq On : 19 Feb 2021 14:07
 Operator : SY/MD
 Sample : VU0219WBL06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0220WBL06

Quant Time: Feb 19 15:23:54 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)

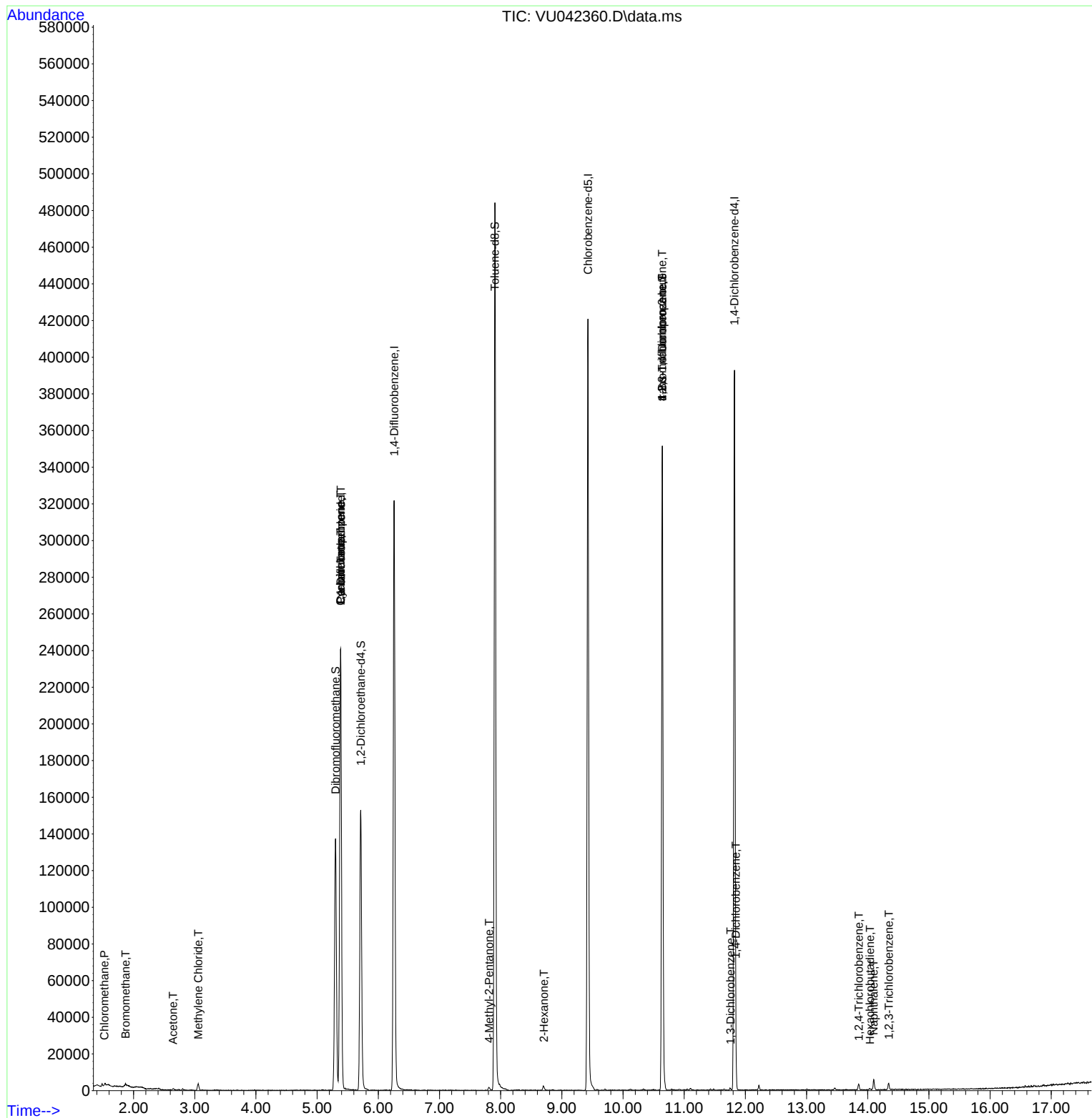
Internal Standards						
1) Pentafluorobenzene	5.385	168	170059	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.259	114	251754	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.426	117	221366	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.822	152	100061	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.713	65	121495	47.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.22%	
35) Dibromofluoromethane	5.301	113	85742	48.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.50%	
50) Toluene-d8	7.906	98	308353	48.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.90%	
62) 4-Bromofluorobenzene	10.642	95	106888	42.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.22%	
Target Compounds						
						Qvalue
3) Chloromethane	1.523	50	498	0.24	ug/l	96
5) Bromomethane	1.867	94	341	0.28	ug/l #	70
16) Acetone	2.645	43	975	0.61	ug/l	92
20) Methylene Chloride	3.057	84	1545	0.84	ug/l	93
31) Cyclohexane	5.382	56	3911	1.16	ug/l #	17
36) 1,1-Dichloropropene	5.382	75	13973	5.61	ug/l #	50
38) Carbon Tetrachloride	5.385	117	16835	6.33	ug/l #	16
51) 4-Methyl-2-Pentanone	7.812	43	1513	0.39	ug/l	99
59) 2-Hexanone	8.706	43	2044	0.66	ug/l	96
76) 1,2,3-Trichloropropane	10.642	75	60119	24.30	ug/l #	37
81) trans-1,4-Dichloro-2-b...	10.642	75	60119	66.07	ug/l #	7
87) 1,3-Dichlorobenzene	11.758	146	633	0.21	ug/l #	86
88) 1,4-Dichlorobenzene	11.844	146	820	0.26	ug/l #	32
93) 1,2,4-Trichlorobenzene	13.857	180	1462	2.33	ug/l	95
94) Hexachlorobutadiene	14.037	225	266	0.24	ug/l #	50
95) Naphthalene	14.098	128	4721	2.89	ug/l	99
96) 1,2,3-Trichlorobenzene	14.346	180	1326	2.27	ug/l	86

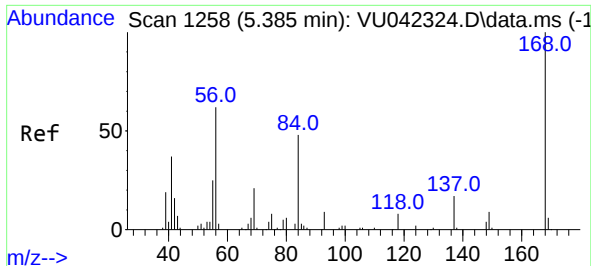
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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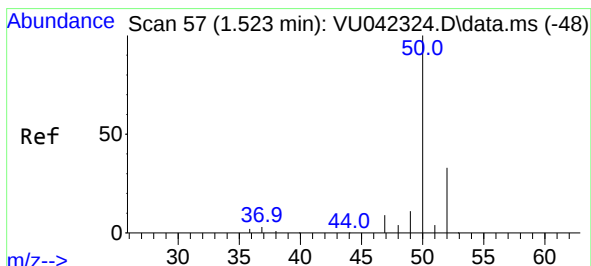
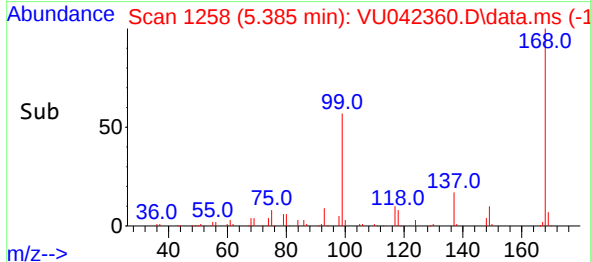
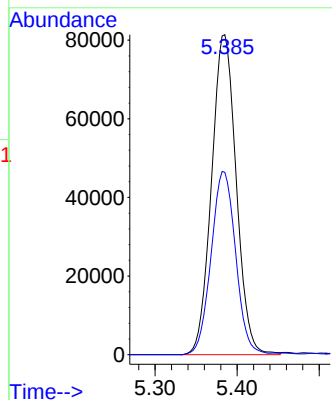
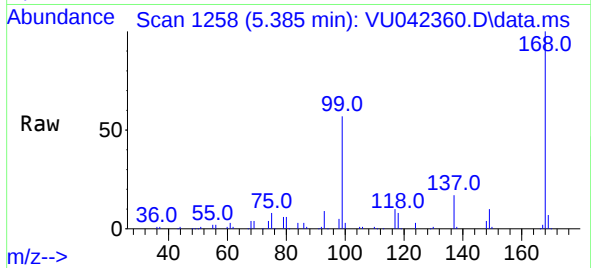




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VU042360.D
Acq: 19 Feb 2021 14:07

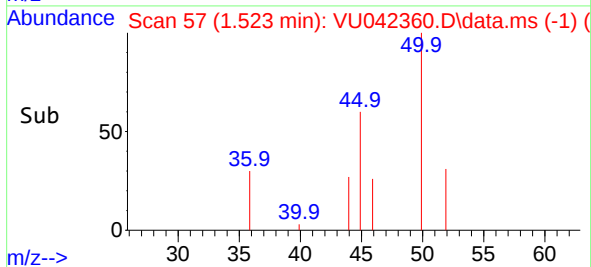
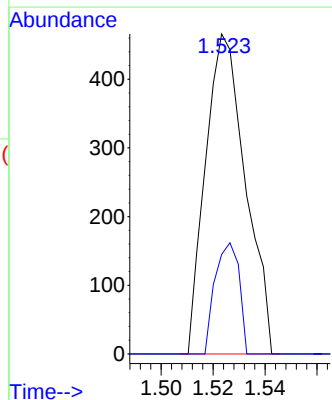
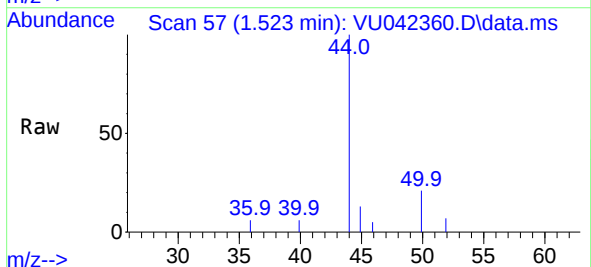
Instrument :
MSVOA_U
ClientSampleId :
VU0220WBL06

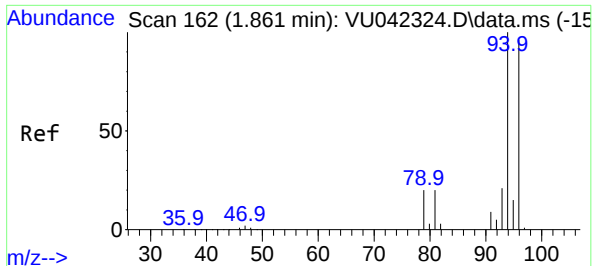
Tgt Ion:168 Resp: 170059
Ion Ratio Lower Upper
168 100
99 57.0 45.0 67.4



#3
Chloromethane
Concen: 0.24 ug/l
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU042360.D
Acq: 19 Feb 2021 14:07

Tgt Ion: 50 Resp: 498
Ion Ratio Lower Upper
50 100
52 31.1 26.6 40.0

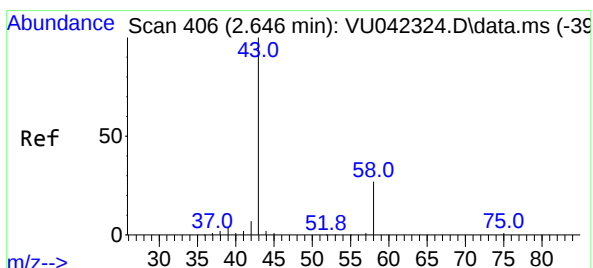
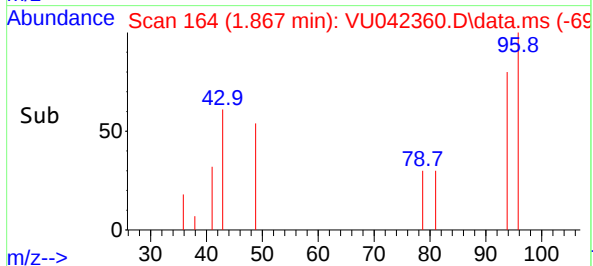
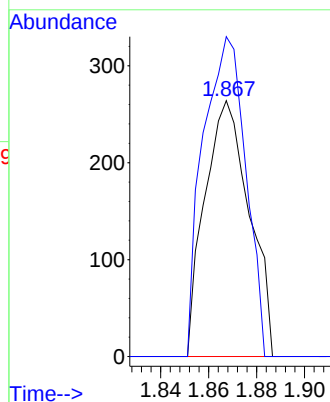
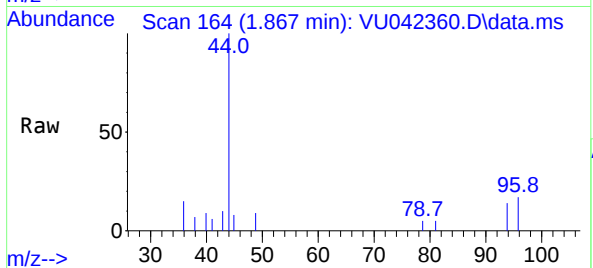




#5
Bromomethane
Concen: 0.28 ug/l
RT: 1.867 min Scan# 164
Delta R.T. 0.006 min
Lab File: VU042360.D
Acq: 19 Feb 2021 14:07

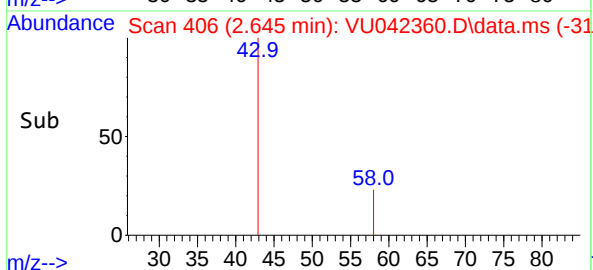
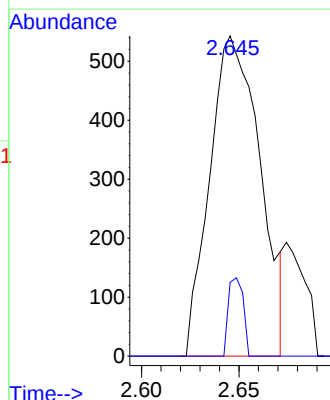
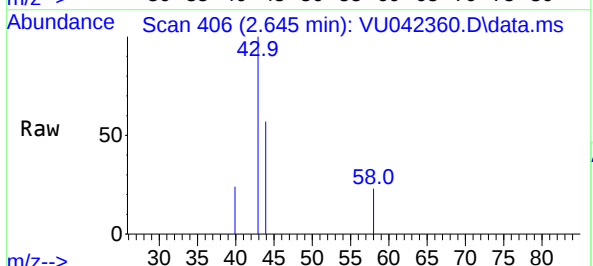
Instrument :
MSVOA_U
ClientSampleId :
VU0220WBL06

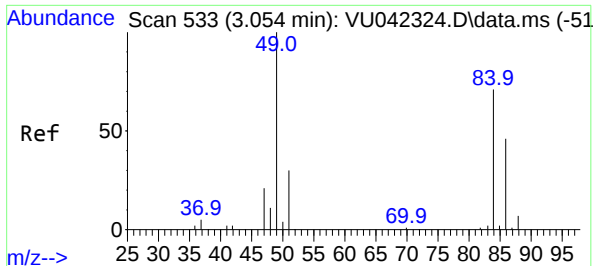
Tgt Ion: 94 Resp: 341
Ion Ratio Lower Upper
94 100
96 125.0 76.6 115.0#



#16
Acetone
Concen: 0.61 ug/l
RT: 2.645 min Scan# 406
Delta R.T. -0.000 min
Lab File: VU042360.D
Acq: 19 Feb 2021 14:07

Tgt Ion: 43 Resp: 975
Ion Ratio Lower Upper
43 100
58 23.0 21.5 32.3



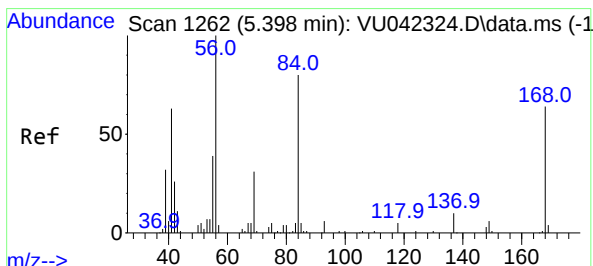
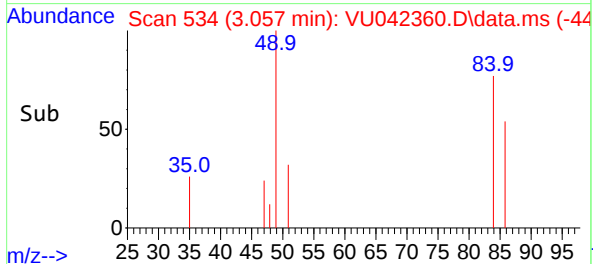
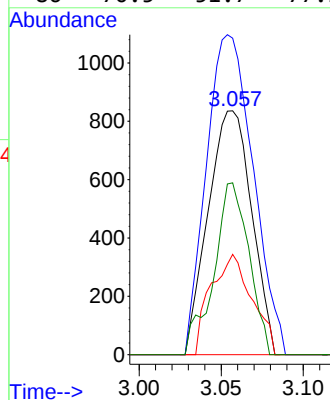
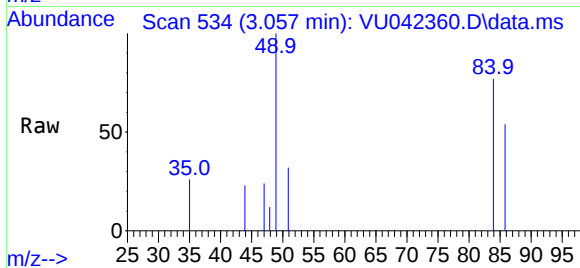


#20
Methylene Chloride
Concen: 0.84 ug/l
RT: 3.057 min Scan# 534
Delta R.T. 0.003 min
Lab File: VU042360.D
Acq: 19 Feb 2021 14:07

Instrument :
MSVOA_U
ClientSampleId :
VU0220WBL06

Tgt Ion: 84 Resp: 1545

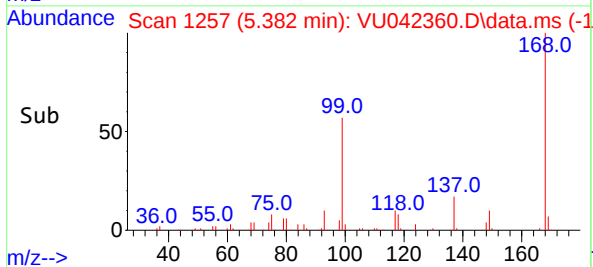
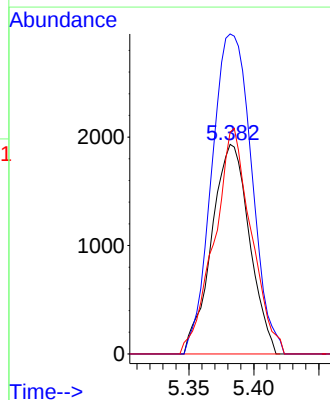
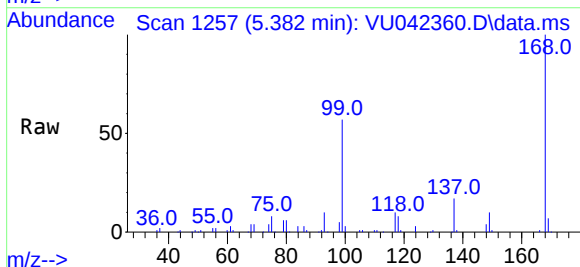
Ion	Ratio	Lower	Upper
84	100		
49	129.8	112.6	169.0
51	41.1	33.7	50.5
86	70.5	51.7	77.5

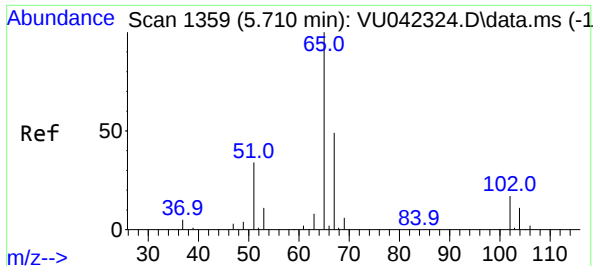


#31
Cyclohexane
Concen: 1.16 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.016 min
Lab File: VU042360.D
Acq: 19 Feb 2021 14:07

Tgt Ion: 56 Resp: 3911

Ion	Ratio	Lower	Upper
56	100		
69	152.7	24.9	37.3#
84	105.8	63.7	95.5#



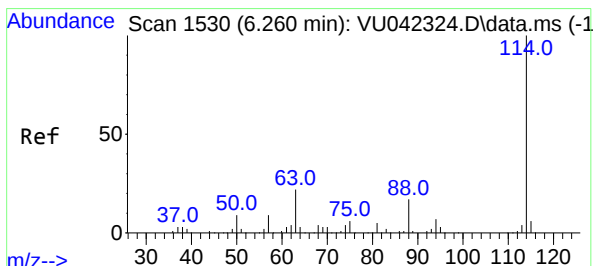
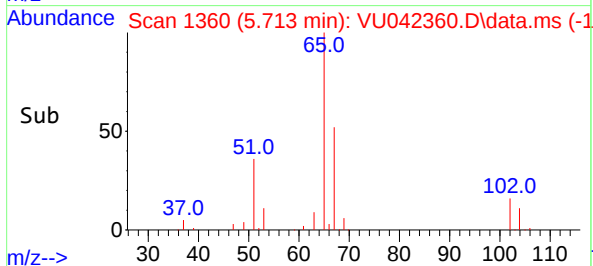
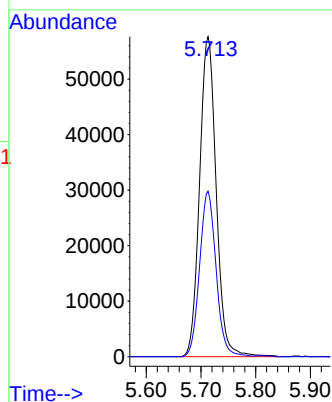
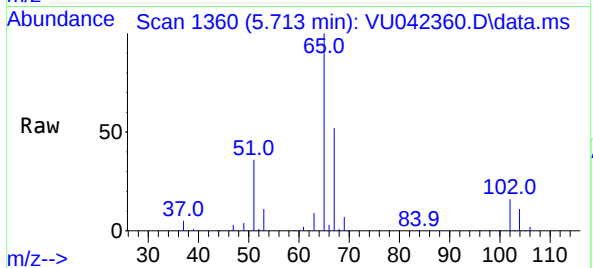


#33

1,2-Dichloroethane-d4
Concen: 47.11 ug/l
RT: 5.713 min Scan# 1360
Delta R.T. 0.003 min
Lab File: VU042360.D
Acq: 19 Feb 2021 14:07

Instrument :
MSVOA_U
ClientSampleId :
VU0220WBL06

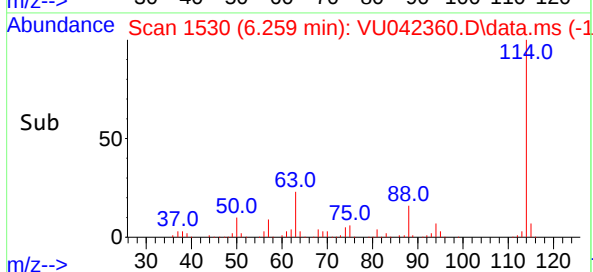
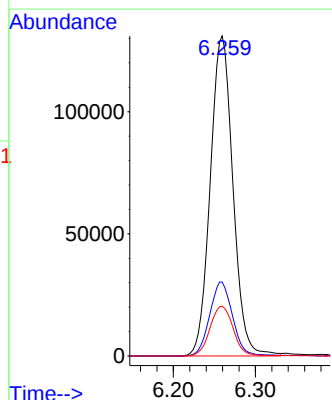
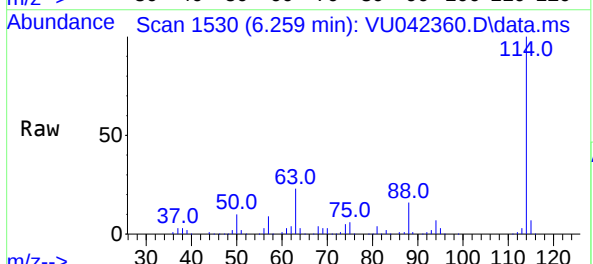
Tgt Ion: 65 Resp: 121495
Ion Ratio Lower Upper
65 100
67 51.2 0.0 99.8

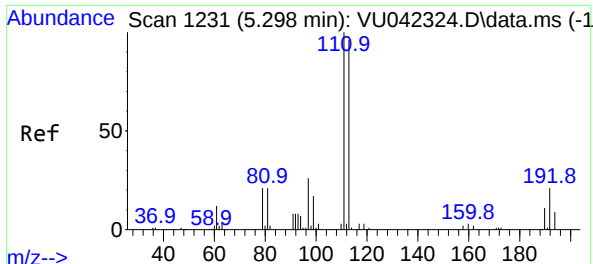


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.259 min Scan# 1530
Delta R.T. -0.000 min
Lab File: VU042360.D
Acq: 19 Feb 2021 14:07

Tgt Ion: 114 Resp: 251754
Ion Ratio Lower Upper
114 100
63 23.1 0.0 44.2
88 15.5 0.0 33.4

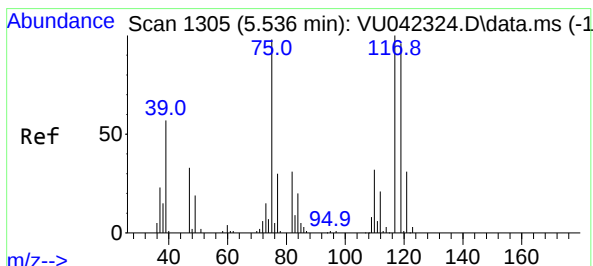
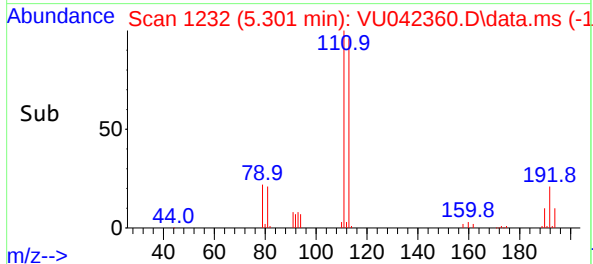
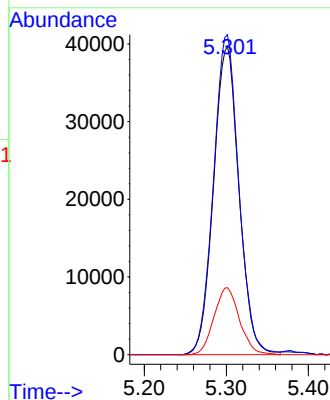
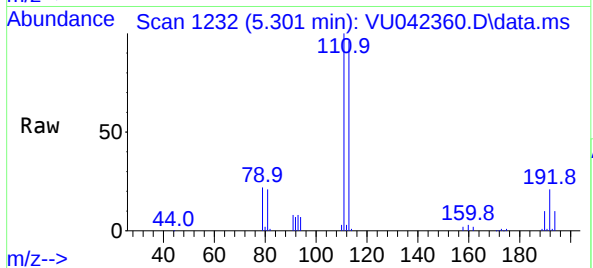




#35
Dibromofluoromethane
Concen: 48.25 ug/l
RT: 5.301 min Scan# 1232
Delta R.T. 0.003 min
Lab File: VU042360.D
Acq: 19 Feb 2021 14:07

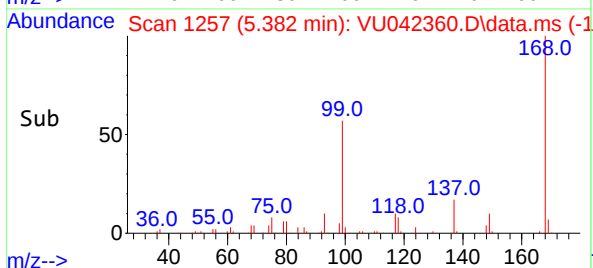
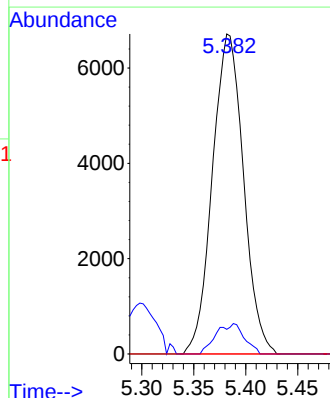
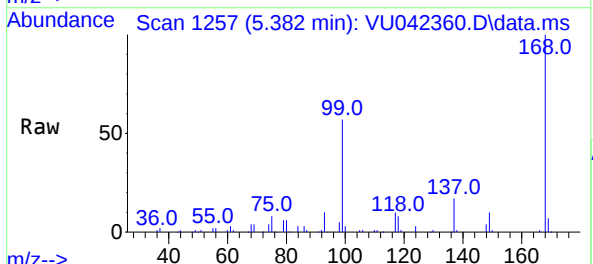
Instrument :
MSVOA_U
ClientSampleId :
VU0220WBL06

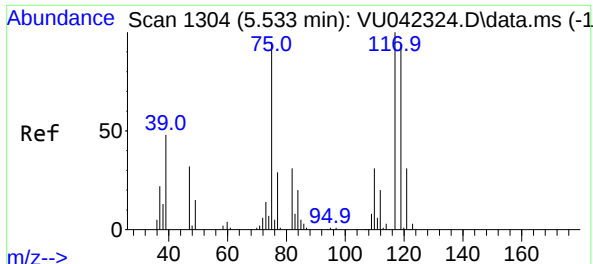
Tgt Ion:113 Resp: 85742
Ion Ratio Lower Upper
113 100
111 103.2 81.8 122.8
192 21.8 17.2 25.8



#36
1,1-Dichloropropene
Concen: 5.61 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.155 min
Lab File: VU042360.D
Acq: 19 Feb 2021 14:07

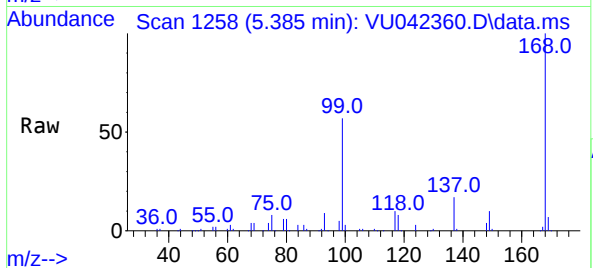
Tgt Ion: 75 Resp: 13973
Ion Ratio Lower Upper
75 100
110 8.7 16.8 50.3#
77 0.0 24.8 37.2#



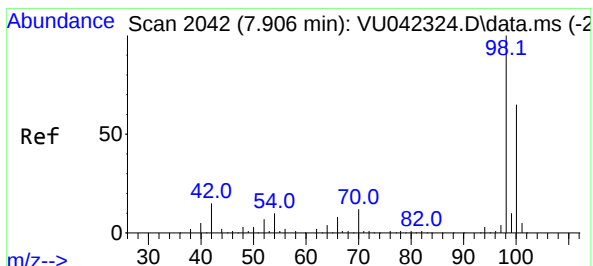
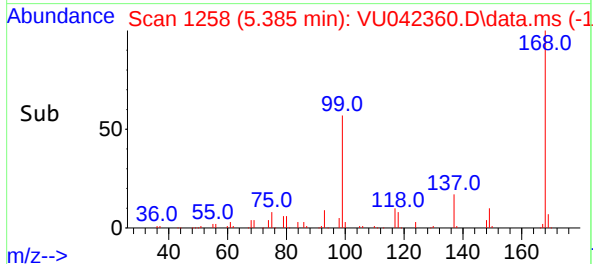
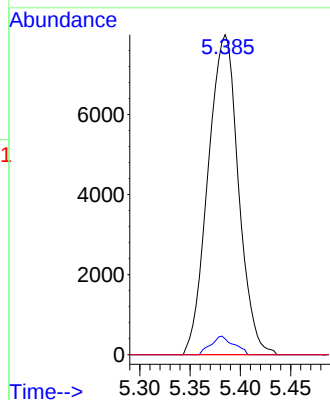


#38
Carbon Tetrachloride
Concen: 6.33 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. -0.148 min
Lab File: VU042360.D
Acq: 19 Feb 2021 14:07

Instrument :
MSVOA_U
ClientSampleId :
VU0220WBL06

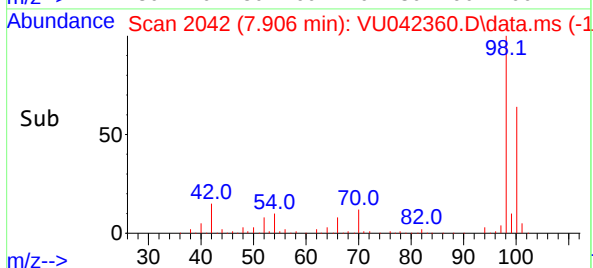
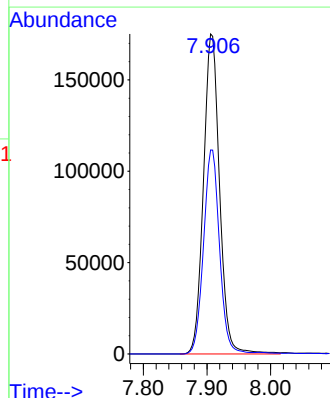
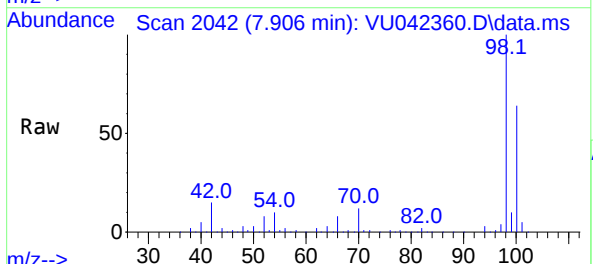


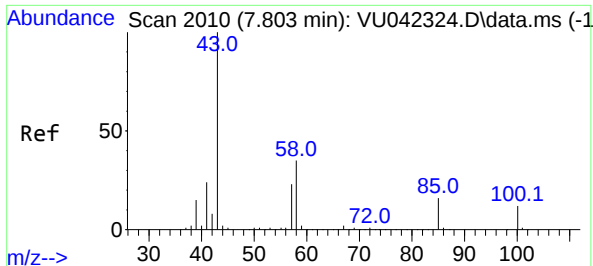
Tgt Ion:117 Resp: 16835
Ion Ratio Lower Upper
117 100
119 5.0 75.5 113.3#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 48.45 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU042360.D
Acq: 19 Feb 2021 14:07

Tgt Ion: 98 Resp: 308353
Ion Ratio Lower Upper
98 100
100 63.1 50.2 75.2

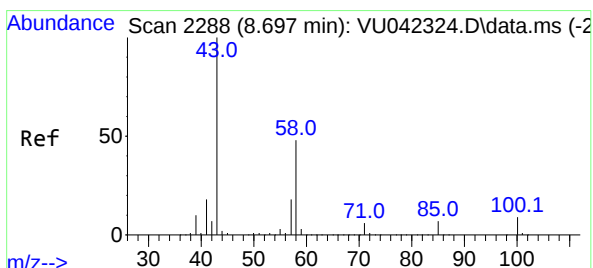
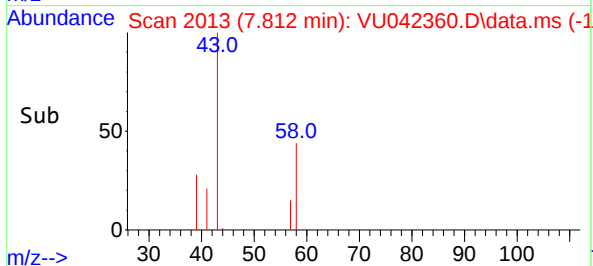
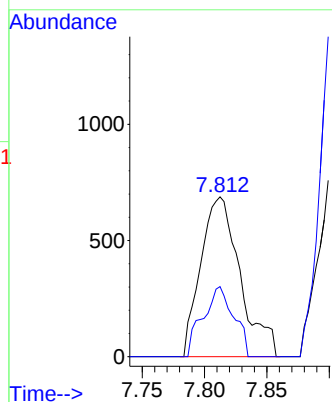
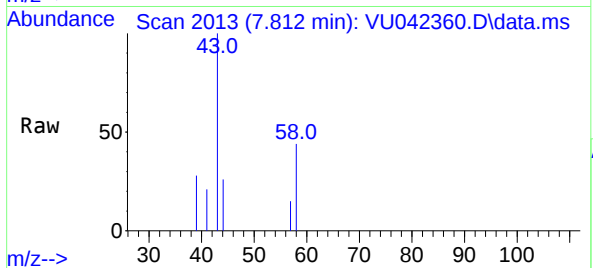




#51
4-Methyl-2-Pentanone
Concen: 0.39 ug/l
RT: 7.812 min Scan# 2013
Delta R.T. 0.009 min
Lab File: VU042360.D
Acq: 19 Feb 2021 14:07

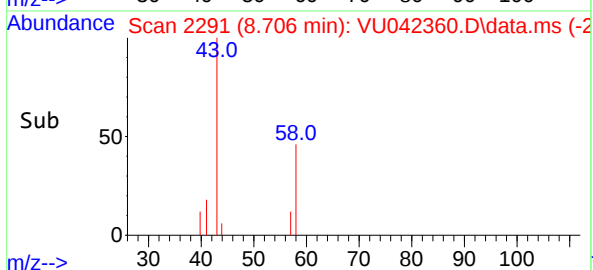
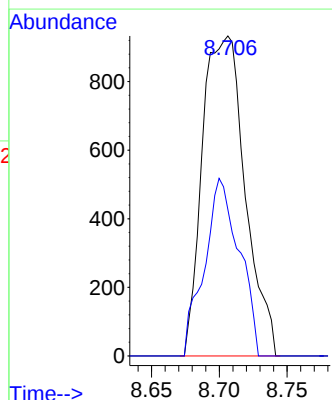
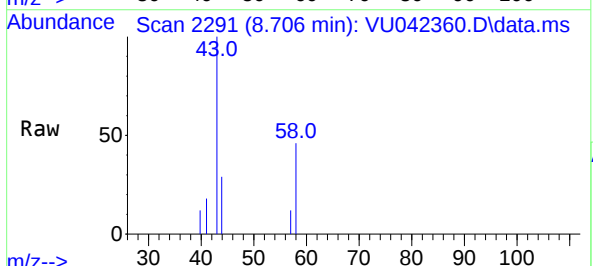
Instrument :
MSVOA_U
ClientSampleId :
VU0220WBL06

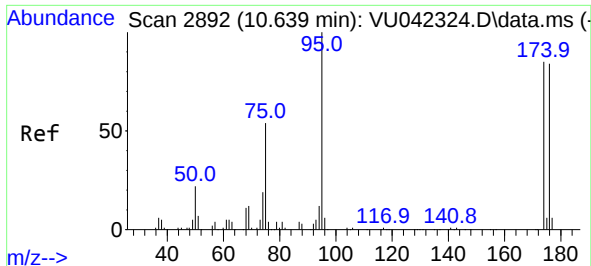
Tgt Ion: 43 Resp: 1513
Ion Ratio Lower Upper
43 100
58 34.4 28.1 42.1



#59
2-Hexanone
Concen: 0.66 ug/l
RT: 8.706 min Scan# 2291
Delta R.T. 0.009 min
Lab File: VU042360.D
Acq: 19 Feb 2021 14:07

Tgt Ion: 43 Resp: 2044
Ion Ratio Lower Upper
43 100
58 45.3 24.0 72.0

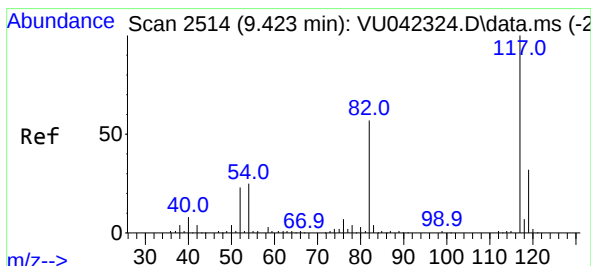
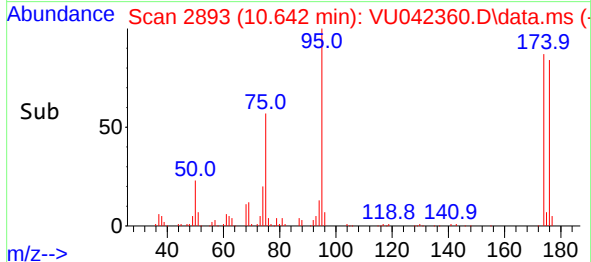
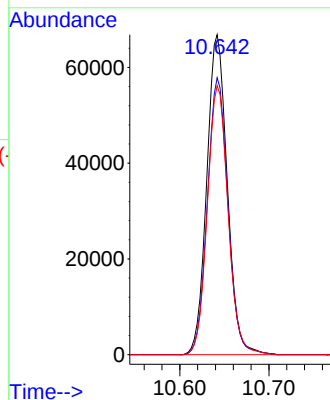
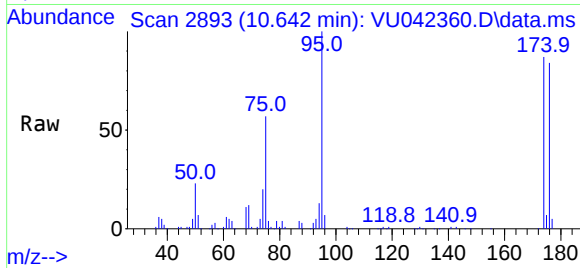




#62
4-Bromofluorobenzene
Concen: 42.61 ug/l
RT: 10.642 min Scan# 2893
Delta R.T. 0.003 min
Lab File: VU042360.D
Acq: 19 Feb 2021 14:07

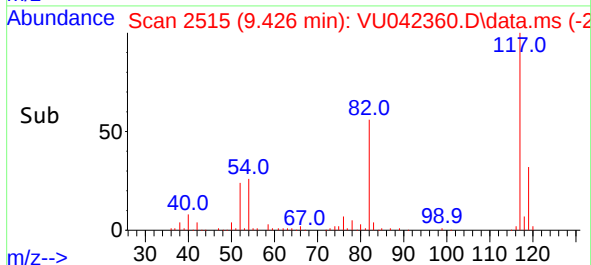
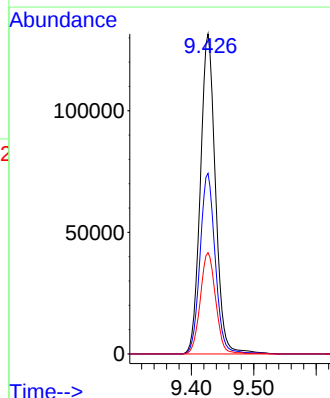
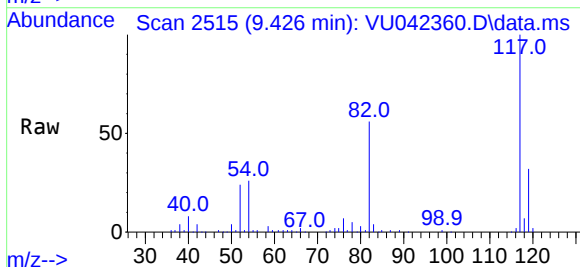
Instrument :
MSVOA_U
ClientSampleId :
VU0220WBL06

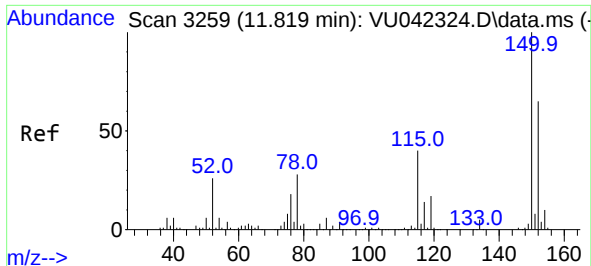
Tgt Ion: 95 Resp: 106888
Ion Ratio Lower Upper
95 100
174 87.0 0.0 172.2
176 84.5 0.0 168.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.426 min Scan# 2515
Delta R.T. 0.003 min
Lab File: VU042360.D
Acq: 19 Feb 2021 14:07

Tgt Ion: 117 Resp: 221366
Ion Ratio Lower Upper
117 100
82 56.4 45.8 68.6
119 31.7 25.8 38.8

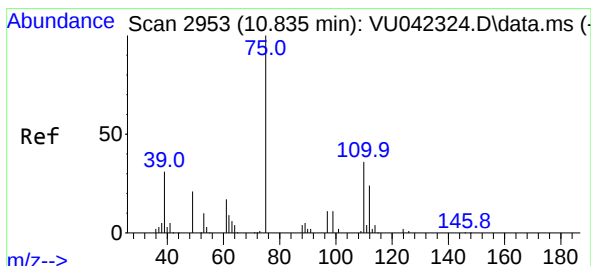
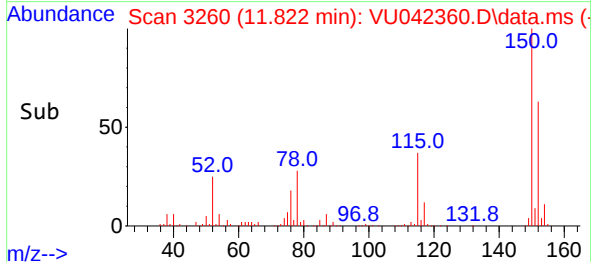
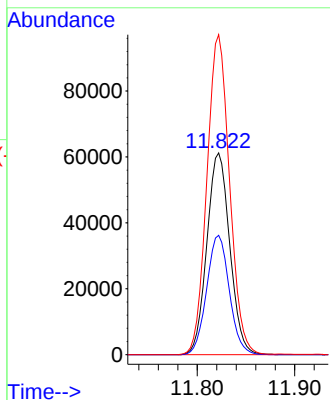
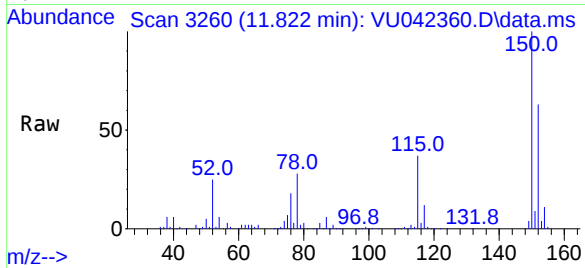




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.822 min Scan# 3260
Delta R.T. 0.003 min
Lab File: VU042360.D
Acq: 19 Feb 2021 14:07

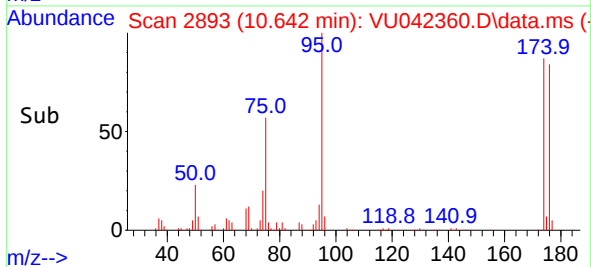
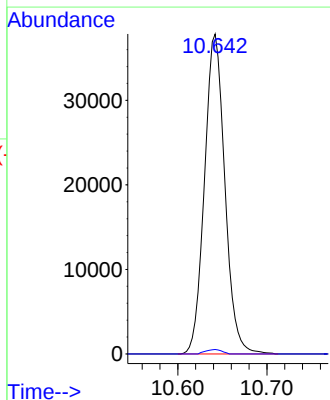
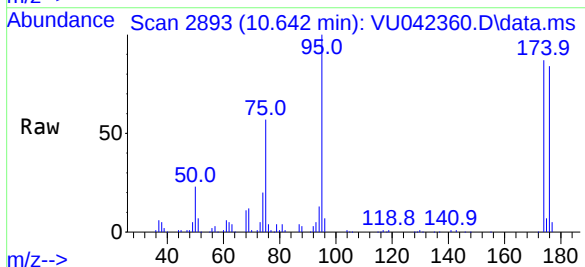
Instrument :
MSVOA_U
ClientSampleId :
VU0220WBL06

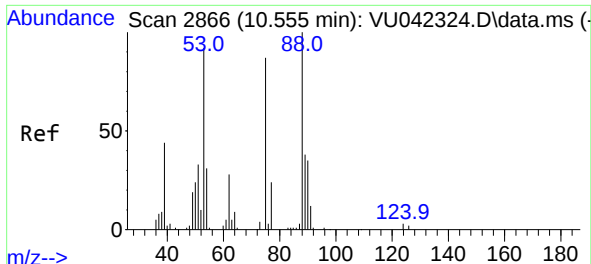
Tgt Ion:152 Resp: 100061
Ion Ratio Lower Upper
152 100
115 58.6 41.5 124.6
150 156.7 0.0 342.4



#76
1,2,3-Trichloropropane
Concen: 24.30 ug/l
RT: 10.642 min Scan# 2893
Delta R.T. -0.193 min
Lab File: VU042360.D
Acq: 19 Feb 2021 14:07

Tgt Ion: 75 Resp: 60119
Ion Ratio Lower Upper
75 100
77 1.1 20.2 60.5#

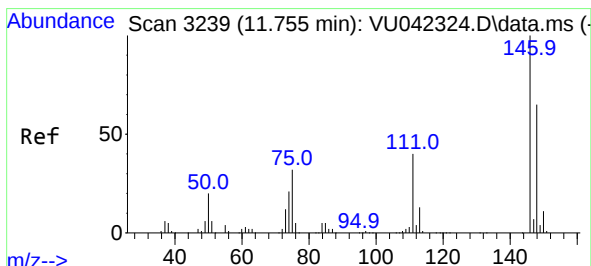
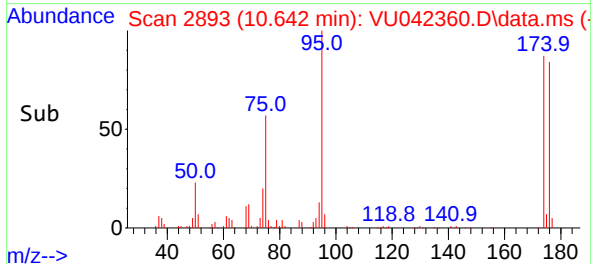
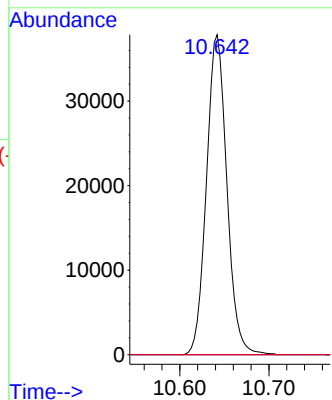
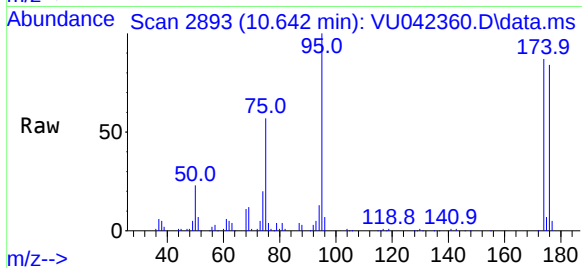




#81
trans-1,4-Dichloro-2-butene
Concen: 66.07 ug/l
RT: 10.642 min Scan# 2893
Delta R.T. 0.087 min
Lab File: VU042360.D
Acq: 19 Feb 2021 14:07

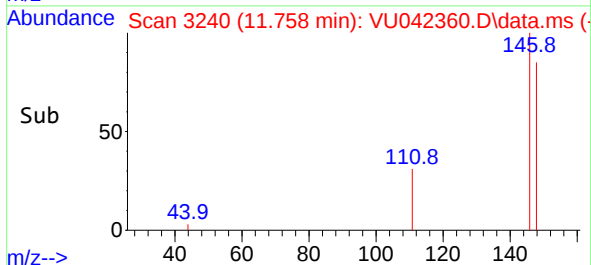
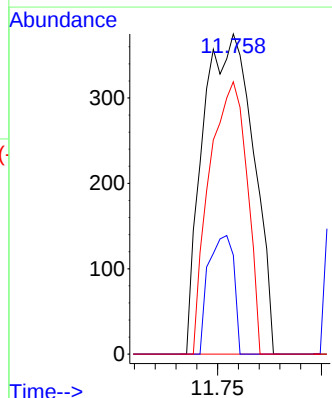
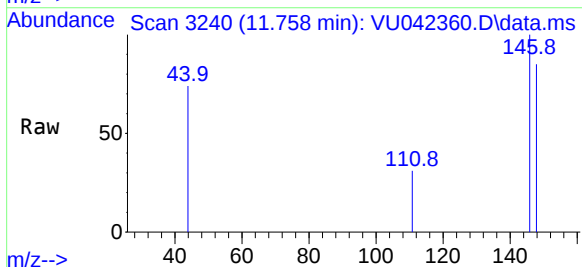
Instrument :
MSVOA_U
ClientSampleId :
VU0220WBL06

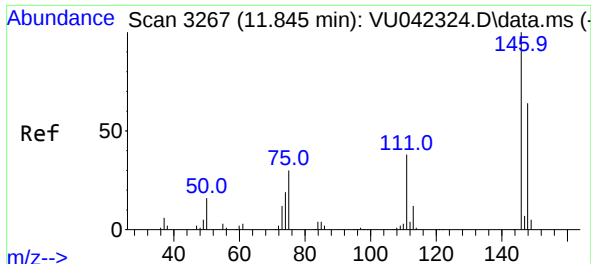
Tgt Ion: 75 Resp: 60119
Ion Ratio Lower Upper
75 100
53 0.0 85.6 128.4#
89 0.0 35.7 53.5#



#87
1,3-Dichlorobenzene
Concen: 0.21 ug/l
RT: 11.758 min Scan# 3240
Delta R.T. 0.003 min
Lab File: VU042360.D
Acq: 19 Feb 2021 14:07

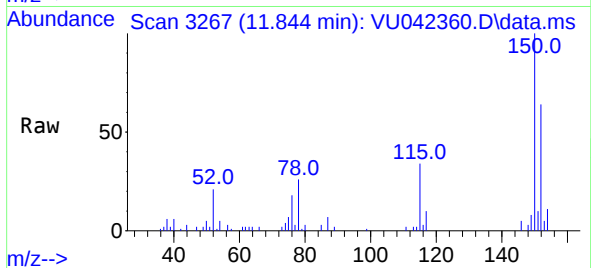
Tgt Ion:146 Resp: 633
Ion Ratio Lower Upper
146 100
111 18.6 19.9 59.6#
148 63.2 32.0 96.2



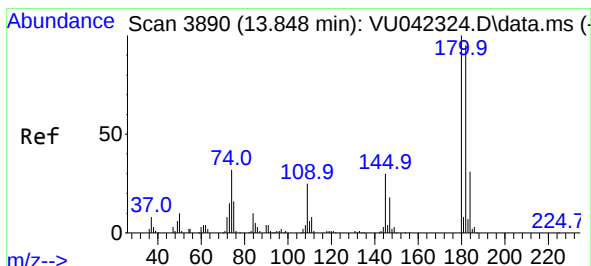
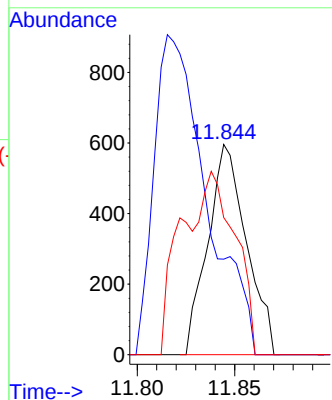
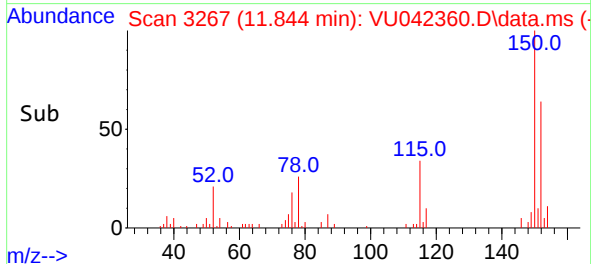


#88
1,4-Dichlorobenzene
Concen: 0.26 ug/l
RT: 11.844 min Scan# 3267
Delta R.T. -0.000 min
Lab File: VU042360.D
Acq: 19 Feb 2021 14:07

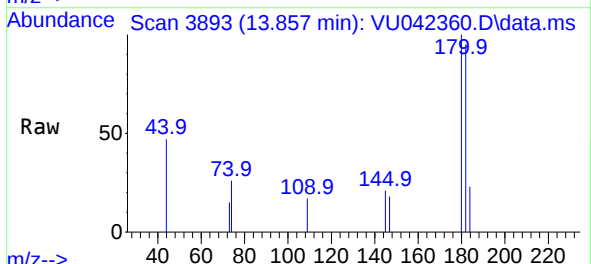
Instrument :
MSVOA_U
ClientSampleId :
VU0220WBL06



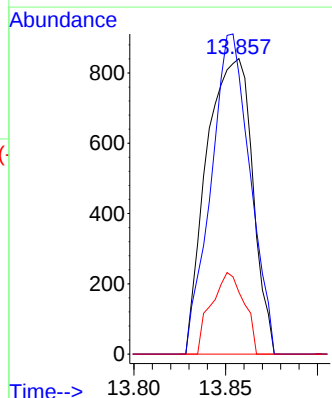
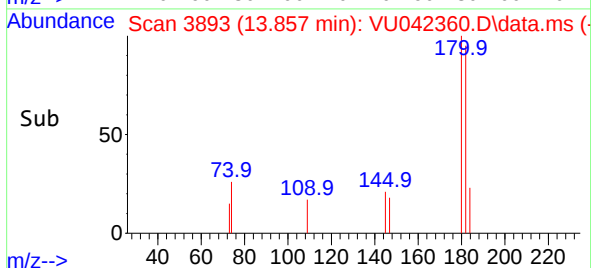
Tgt Ion:146 Resp: 820
Ion Ratio Lower Upper
146 100
111 0.0 19.7 59.0#
148 120.7 32.8 98.3#

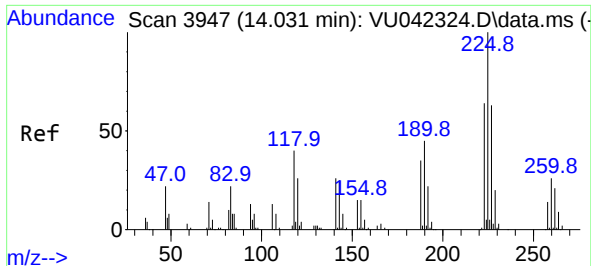


#93
1,2,4-Trichlorobenzene
Concen: 2.33 ug/l
RT: 13.857 min Scan# 3893
Delta R.T. 0.009 min
Lab File: VU042360.D
Acq: 19 Feb 2021 14:07



Tgt Ion:180 Resp: 1462
Ion Ratio Lower Upper
180 100
182 92.1 46.9 140.8
145 19.6 14.4 43.4

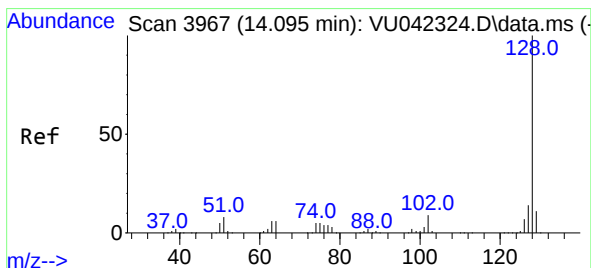
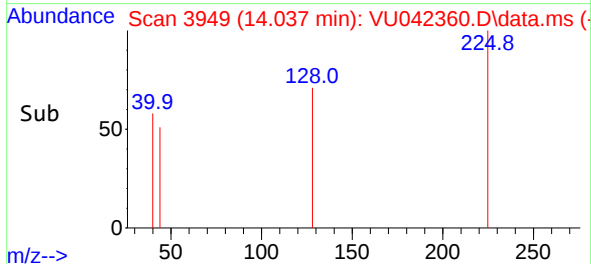
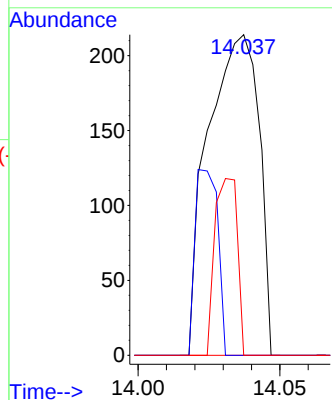
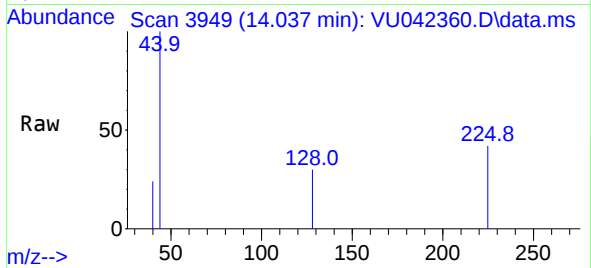




#94
Hexachlorobutadiene
Concen: 0.24 ug/l
RT: 14.037 min Scan# 3949
Delta R.T. 0.006 min
Lab File: VU042360.D
Acq: 19 Feb 2021 14:07

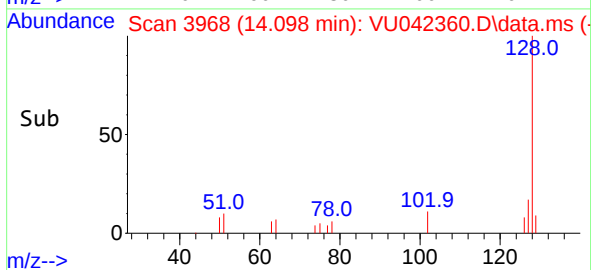
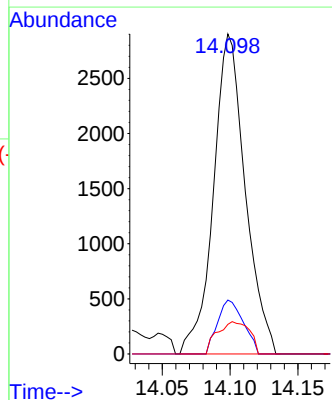
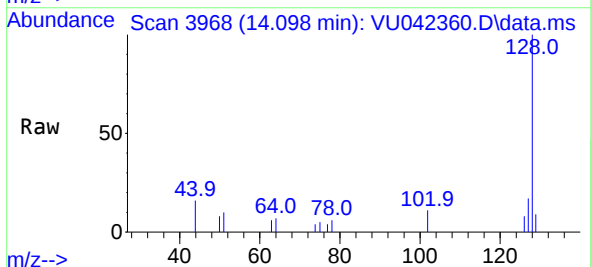
Instrument :
MSVOA_U
ClientSampleId :
VU0220WBL06

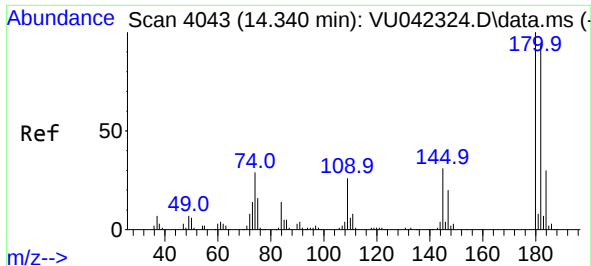
Tgt Ion:225 Resp: 266
Ion Ratio Lower Upper
225 100
223 25.9 32.3 96.9#
227 24.4 31.8 95.4#



#95
Naphthalene
Concen: 2.89 ug/l
RT: 14.098 min Scan# 3968
Delta R.T. 0.003 min
Lab File: VU042360.D
Acq: 19 Feb 2021 14:07

Tgt Ion:128 Resp: 4721
Ion Ratio Lower Upper
128 100
127 13.7 10.8 16.2
129 10.2 8.6 13.0





#96
1,2,3-Trichlorobenzene
Concen: 2.27 ug/l
RT: 14.346 min Scan# 4045
Delta R.T. 0.006 min
Lab File: VU042360.D
Acq: 19 Feb 2021 14:07

Instrument :
MSVOA_U
ClientSampleId :
VU0220WBL06

Tgt Ion:180 Resp: 1326
Ion Ratio Lower Upper
180 100
182 112.2 48.0 144.0
145 28.0 15.5 46.5

