

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040921\
 Data File : VU042999.D
 Acq On : 09 Apr 2021 14:01
 Operator : SY/MD
 Sample : VU0410WBL01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0409WBL01

Quant Time: Apr 09 15:43:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U040921W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 09 09:26:47 2021
 Response via : Initial Calibration

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

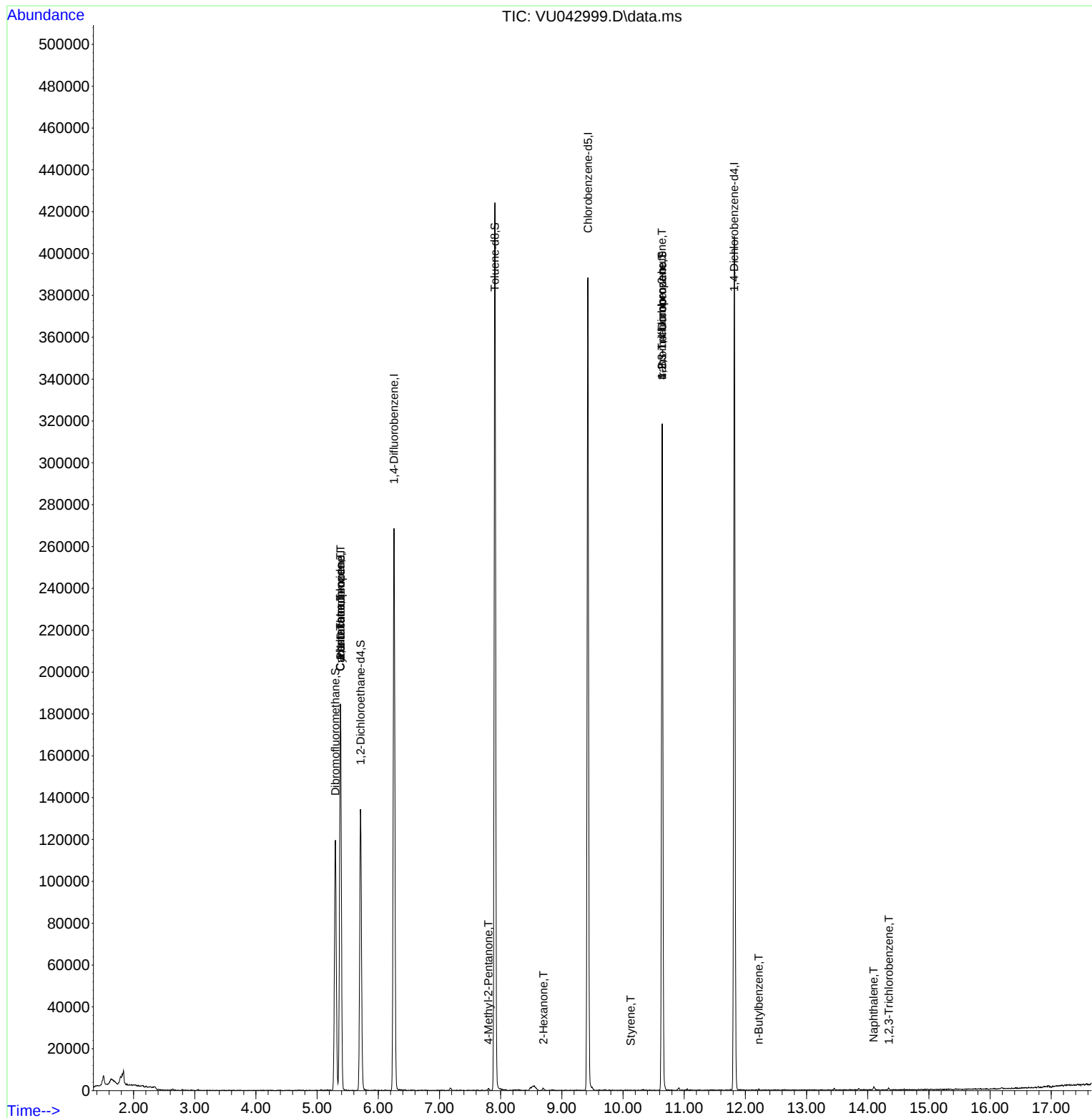
Internal Standards						
1) Pentafluorobenzene	5.382	168	125440	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	204985	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.427	117	196615	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	99219	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	103941	50.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.38%	
35) Dibromofluoromethane	5.298	113	71777	47.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.90%	
50) Toluene-d8	7.906	98	260093	48.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.46%	
62) 4-Bromofluorobenzene	10.642	95	95569	43.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.76%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.523	50	475	Below Cal	#	43
31) Cyclohexane	5.378	56	2943	1.19	ug/l #	20
36) 1,1-Dichloropropene	5.382	75	11071	5.50	ug/l #	52
38) Carbon Tetrachloride	5.378	117	12486	5.63	ug/l #	14
51) 4-Methyl-2-Pentanone	7.800	43	659	9.74	ug/l	93
59) 2-Hexanone	8.700	43	959	8.24	ug/l	75
70) Styrene	10.124	104	61	1.71	ug/l #	23
76) 1,2,3-Trichloropropane	10.639	75	56291	19.89	ug/l #	40
81) trans-1,4-Dichloro-2-b...	10.639	75	56291	55.29	ug/l #	5
89) n-Butylbenzene	12.221	91	232	1.74	ug/l #	71
95) Naphthalene	14.098	128	1811	3.44	ug/l #	84
96) 1,2,3-Trichlorobenzene	14.346	180	493	0.25	ug/l #	53

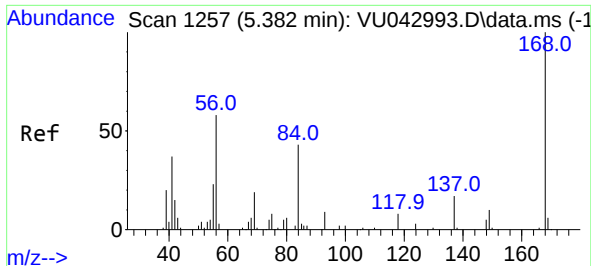
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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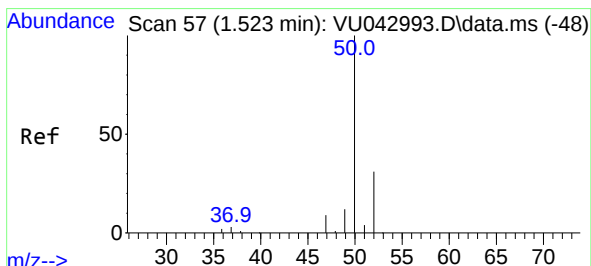
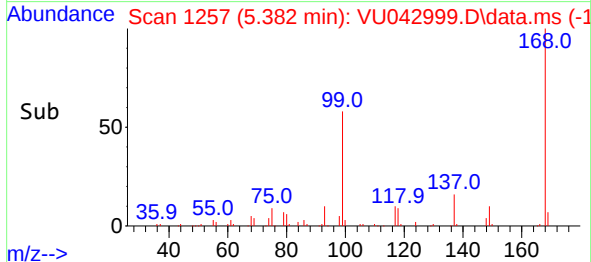
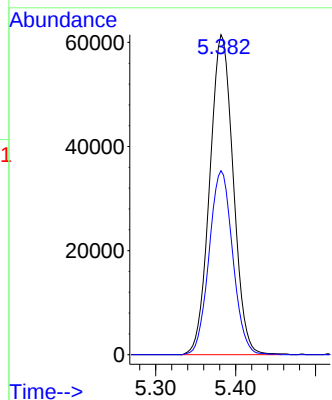
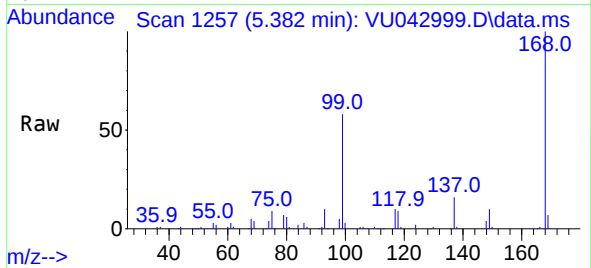




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU042999.D
Acq: 09 Apr 2021 14:01

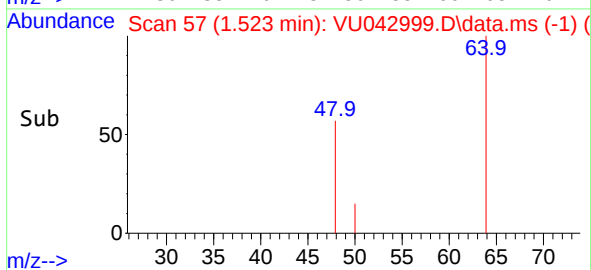
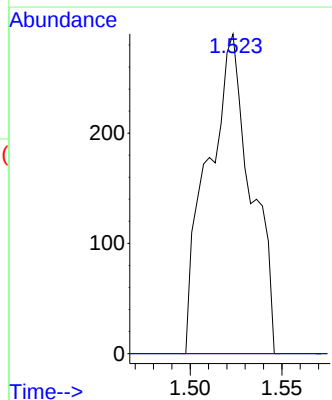
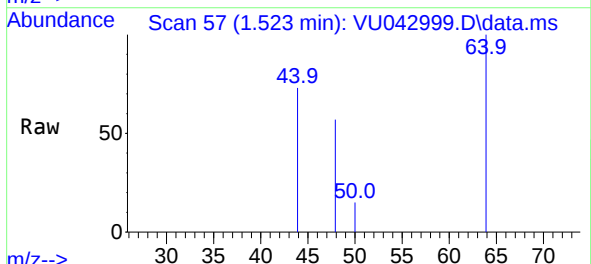
Instrument :
MSVOA_U
ClientSampleId :
VU0409WBL01

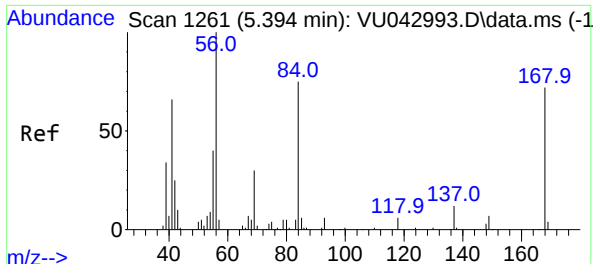
Tgt Ion:168 Resp: 125440
Ion Ratio Lower Upper
168 100
99 57.5 47.5 71.3



#3
Chloromethane
Concen: Below Cal
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU042999.D
Acq: 09 Apr 2021 14:01

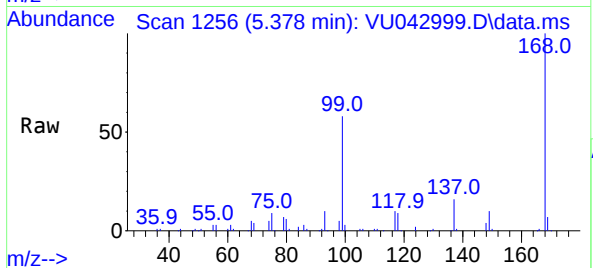
Tgt Ion: 50 Resp: 475
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#



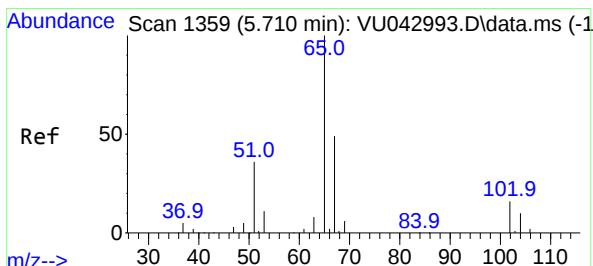
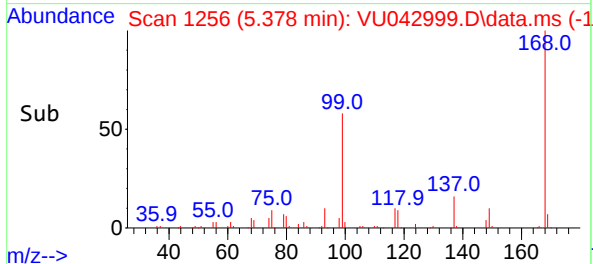
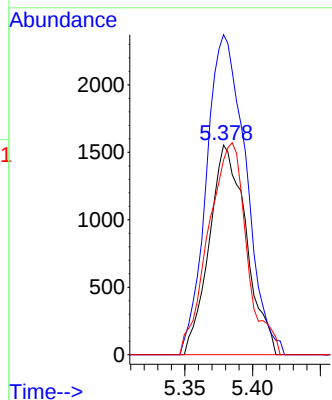


#31
Cyclohexane
Concen: 1.19 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.016 min
Lab File: VU042999.D
Acq: 09 Apr 2021 14:01

Instrument :
MSVOA_U
ClientSampleId :
VU0409WBL01

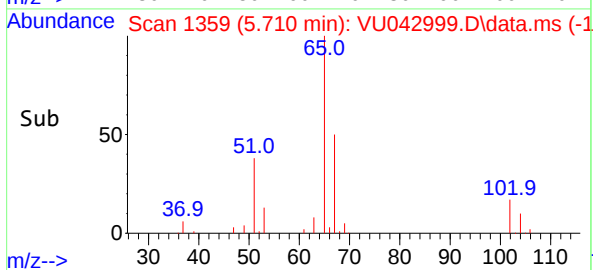
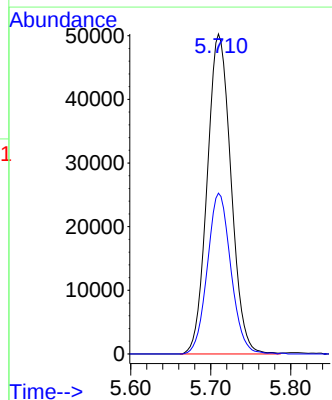
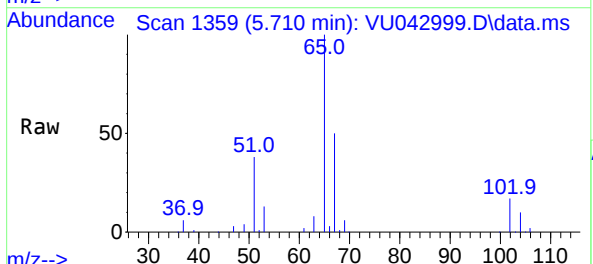


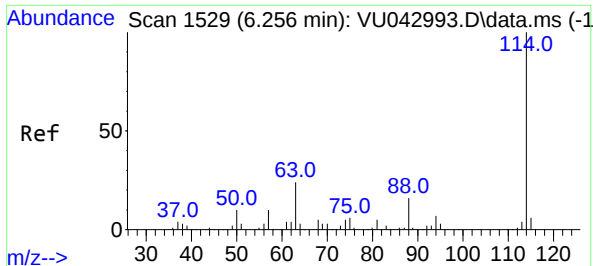
Tgt Ion: 56 Resp: 2943
Ion Ratio Lower Upper
56 100
69 152.6 23.9 35.9#
84 92.9 59.8 89.6#



#33
1,2-Dichloroethane-d4
Concen: 50.69 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. 0.000 min
Lab File: VU042999.D
Acq: 09 Apr 2021 14:01

Tgt Ion: 65 Resp: 103941
Ion Ratio Lower Upper
65 100
67 49.6 0.0 98.6

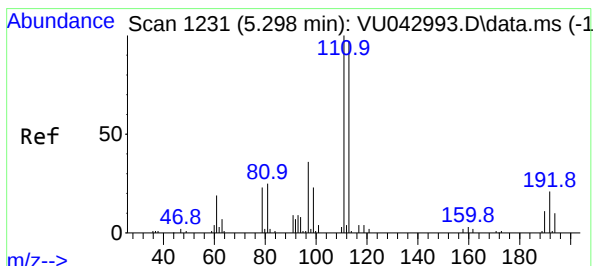
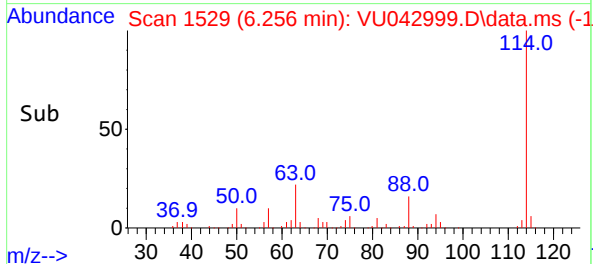
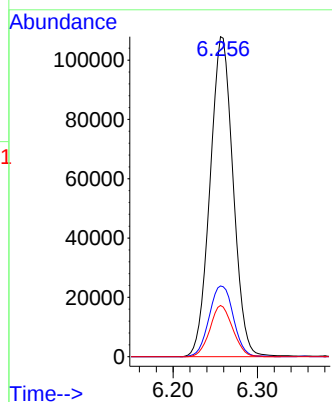
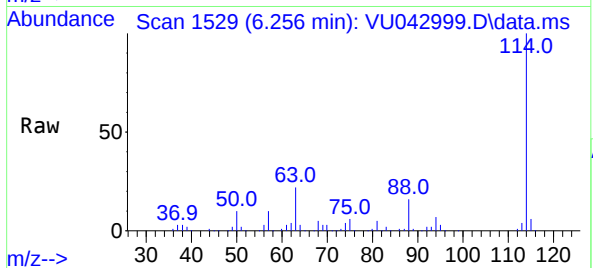




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. 0.000 min
Lab File: VU042999.D
Acq: 09 Apr 2021 14:01

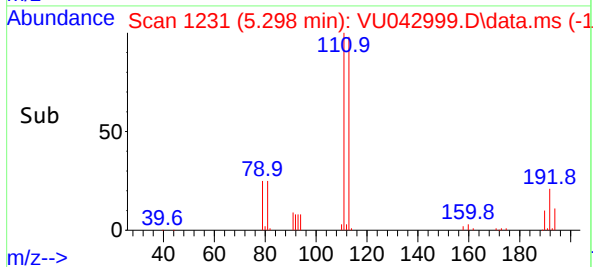
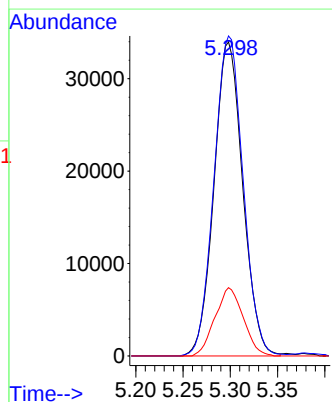
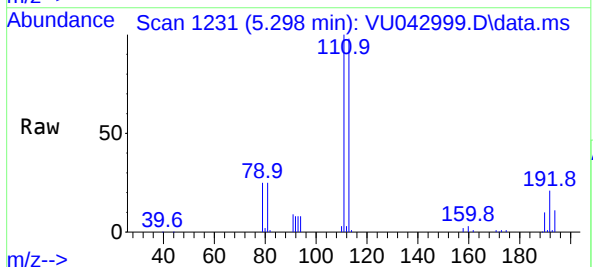
Instrument :
MSVOA_U
ClientSampleId :
VU0409WBL01

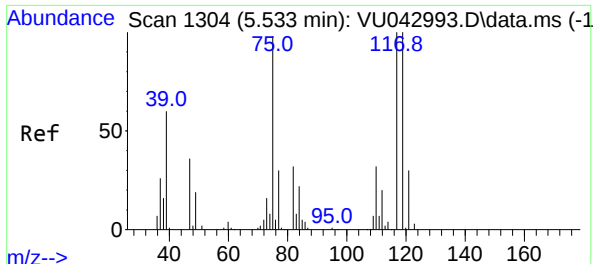
Tgt Ion:114 Resp: 204985
Ion Ratio Lower Upper
114 100
63 22.1 0.0 48.0
88 16.0 0.0 32.6



#35
Dibromofluoromethane
Concen: 47.95 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU042999.D
Acq: 09 Apr 2021 14:01

Tgt Ion:113 Resp: 71777
Ion Ratio Lower Upper
113 100
111 103.4 81.7 122.5
192 21.4 17.1 25.7



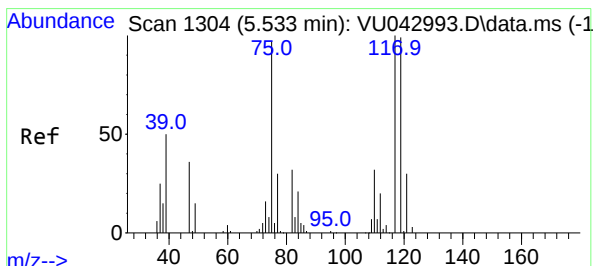
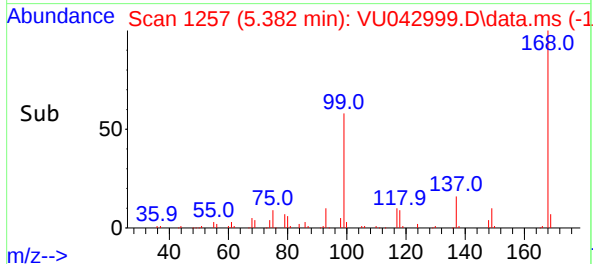
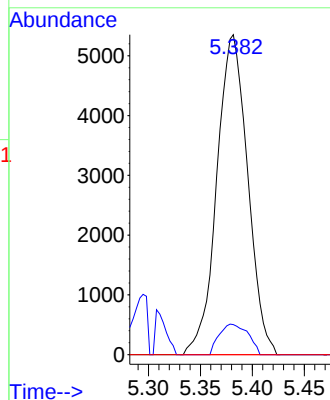
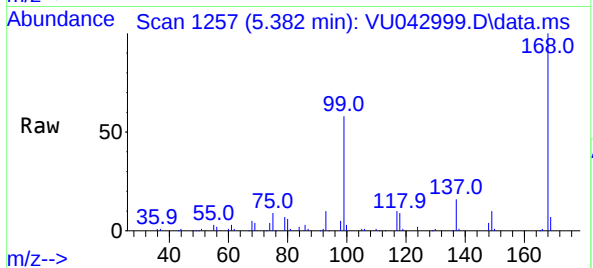


#36

1,1-Dichloropropene
Concen: 5.50 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU042999.D
Acq: 09 Apr 2021 14:01

Instrument :
MSVOA_U
ClientSampleId :
VU0409WBL01

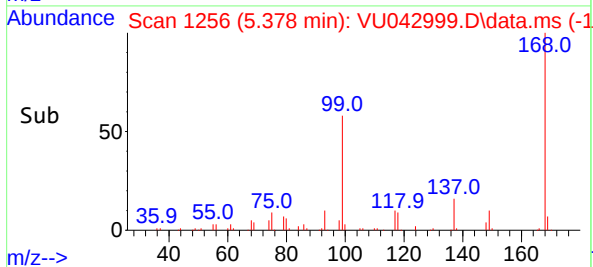
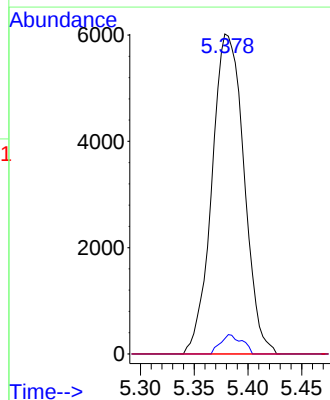
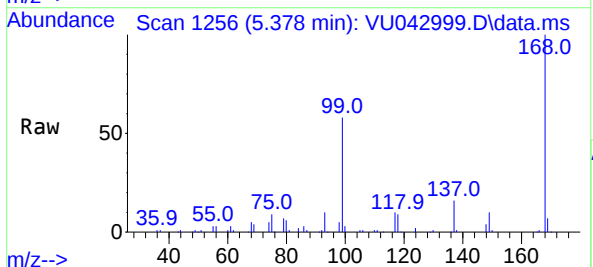
Tgt Ion: 75 Resp: 11071
Ion Ratio Lower Upper
75 100
110 8.9 16.3 48.8#
77 0.0 23.8 35.6#

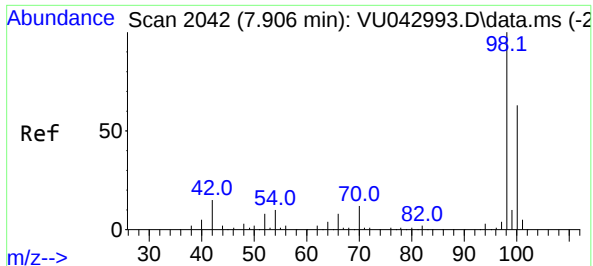


#38

Carbon Tetrachloride
Concen: 5.63 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.154 min
Lab File: VU042999.D
Acq: 09 Apr 2021 14:01

Tgt Ion: 117 Resp: 12486
Ion Ratio Lower Upper
117 100
119 4.8 79.6 119.4#
121 0.0 24.1 36.1#

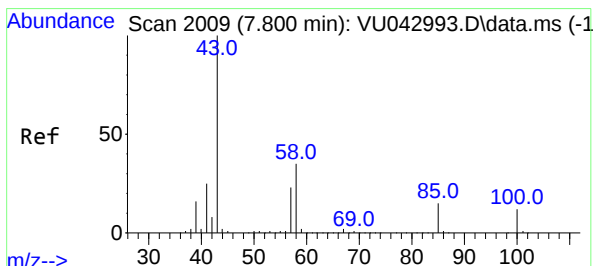
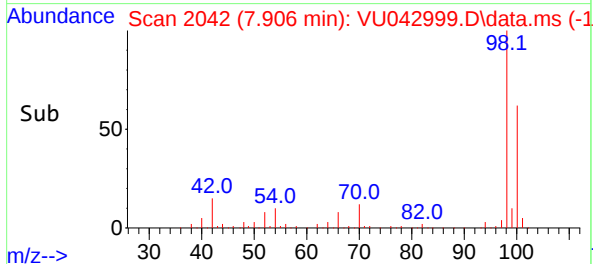
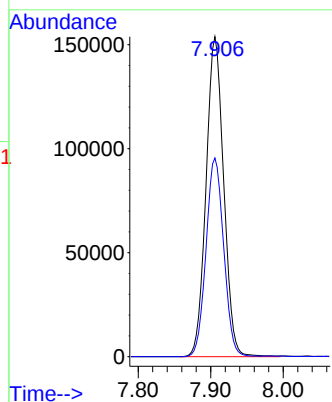
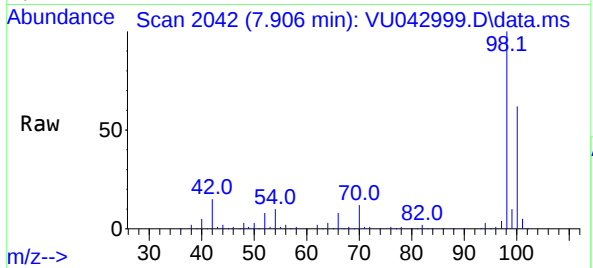




#50
Toluene-d8
Concen: 48.23 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. 0.000 min
Lab File: VU042999.D
Acq: 09 Apr 2021 14:01

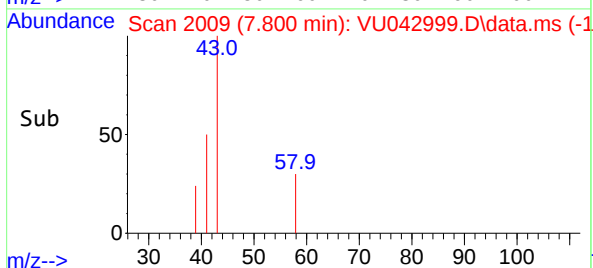
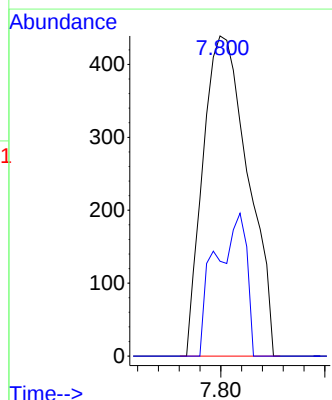
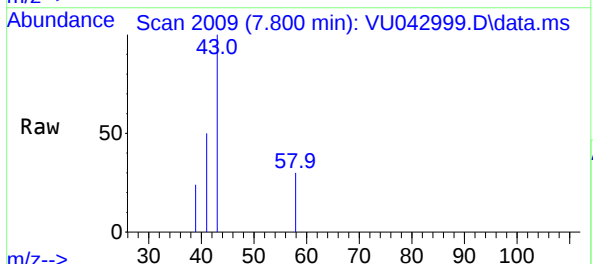
Instrument :
MSVOA_U
ClientSampleId :
VU0409WBL01

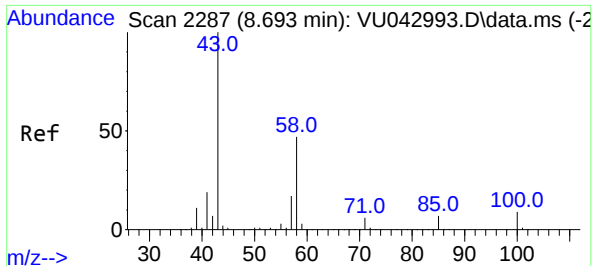
Tgt Ion: 98 Resp: 260093
Ion Ratio Lower Upper
98 100
100 62.2 49.9 74.9



#51
4-Methyl-2-Pentanone
Concen: 9.74 ug/l
RT: 7.800 min Scan# 2009
Delta R.T. -0.000 min
Lab File: VU042999.D
Acq: 09 Apr 2021 14:01

Tgt Ion: 43 Resp: 659
Ion Ratio Lower Upper
43 100
58 30.7 27.7 41.5

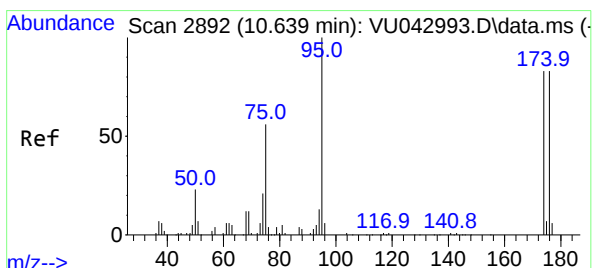
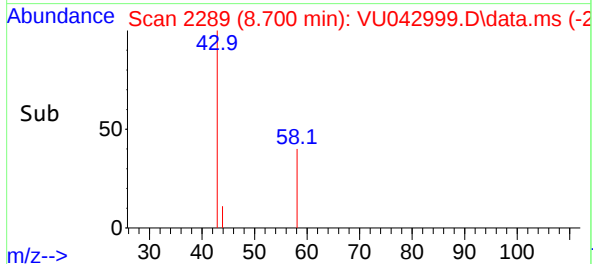
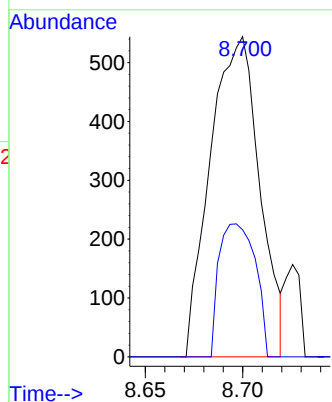
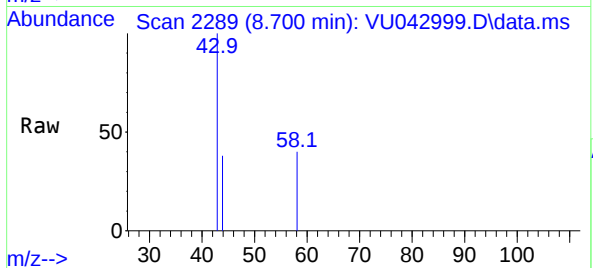




#59
2-Hexanone
Concen: 8.24 ug/l
RT: 8.700 min Scan# 2289
Delta R.T. 0.007 min
Lab File: VU042999.D
Acq: 09 Apr 2021 14:01

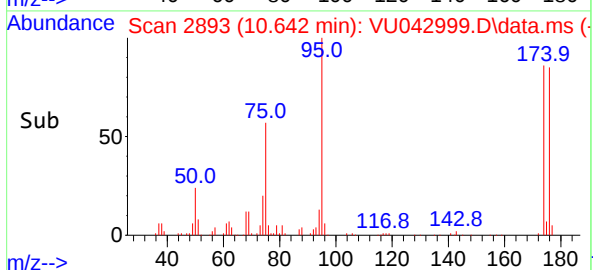
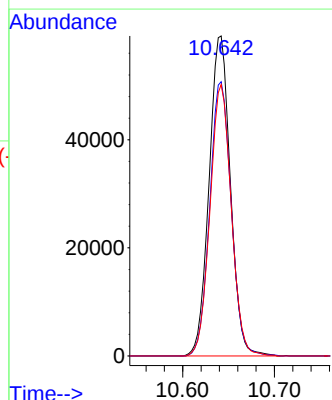
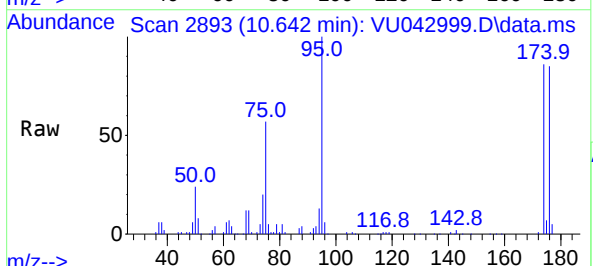
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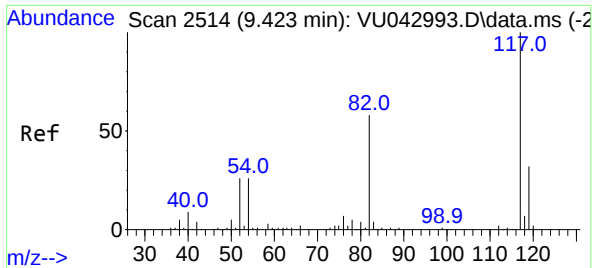
Tgt Ion: 43 Resp: 959
Ion Ratio Lower Upper
43 100
58 30.3 23.7 71.1



#62
4-Bromofluorobenzene
Concen: 43.38 ug/l
RT: 10.642 min Scan# 2893
Delta R.T. 0.003 min
Lab File: VU042999.D
Acq: 09 Apr 2021 14:01

Tgt Ion: 95 Resp: 95569
Ion Ratio Lower Upper
95 100
174 86.3 0.0 168.8
176 84.6 0.0 164.6

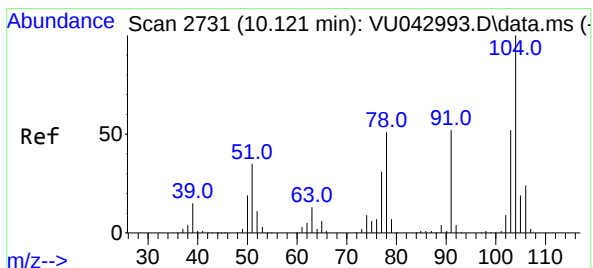
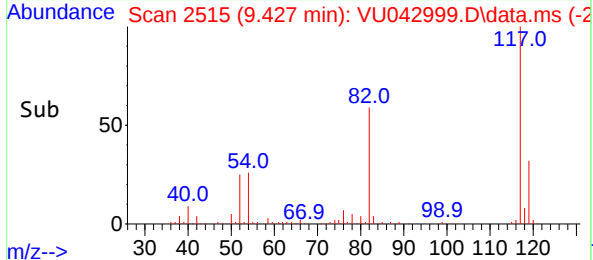
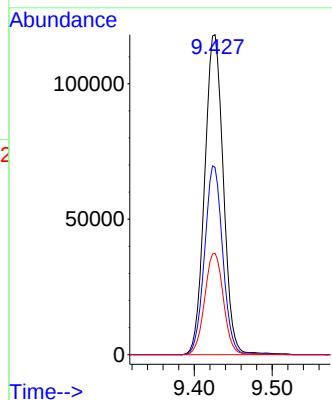
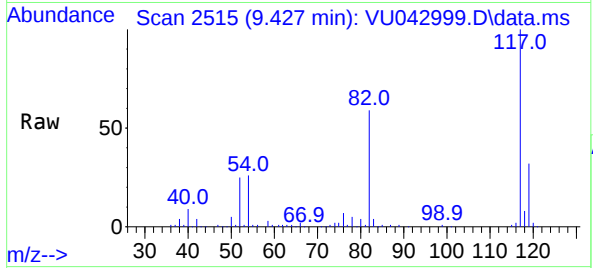




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.427 min Scan# 2515
Delta R.T. 0.004 min
Lab File: VU042999.D
Acq: 09 Apr 2021 14:01

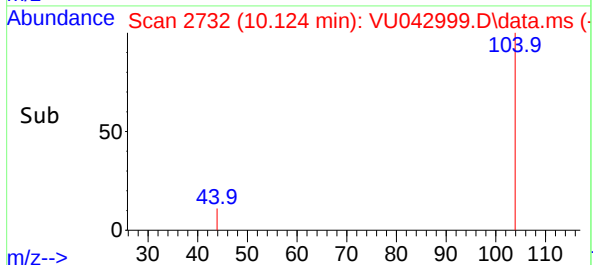
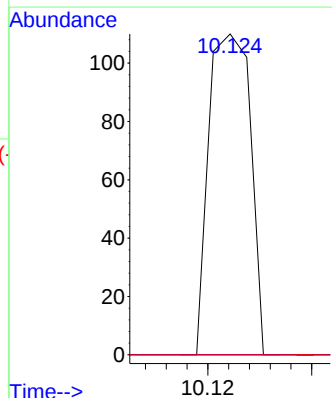
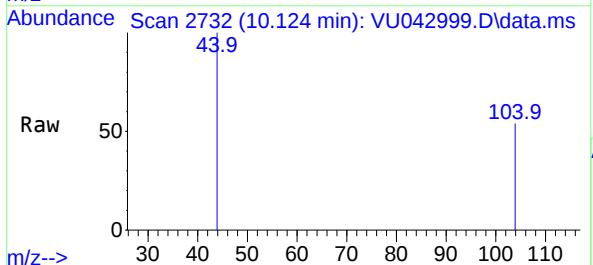
Instrument :
MSVOA_U
ClientSampleId :
VU0409WBL01

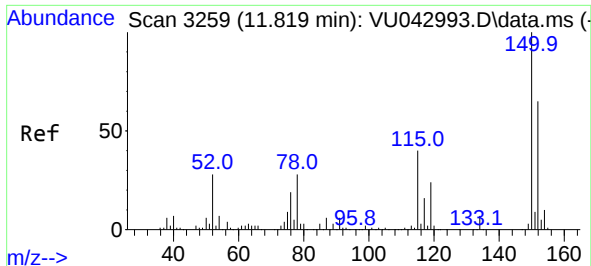
Tgt Ion:117 Resp: 196615
Ion Ratio Lower Upper
117 100
82 58.5 46.5 69.7
119 31.7 25.7 38.5



#70
Styrene
Concen: 1.71 ug/l
RT: 10.124 min Scan# 2732
Delta R.T. 0.003 min
Lab File: VU042999.D
Acq: 09 Apr 2021 14:01

Tgt Ion:104 Resp: 61
Ion Ratio Lower Upper
104 100
78 0.0 44.6 66.8#
103 0.0 45.5 68.3#

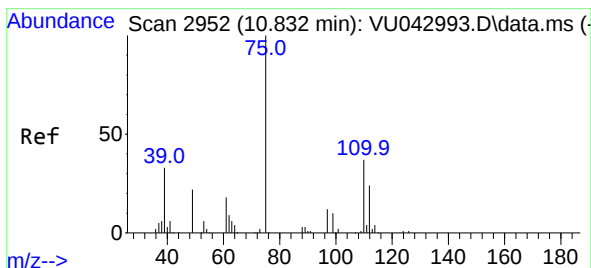
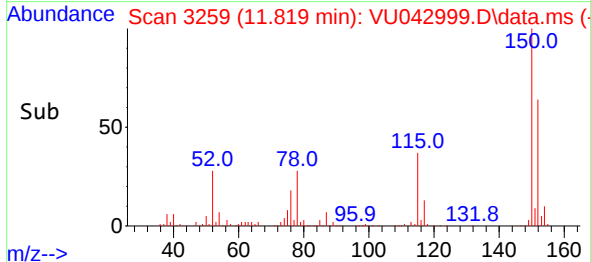
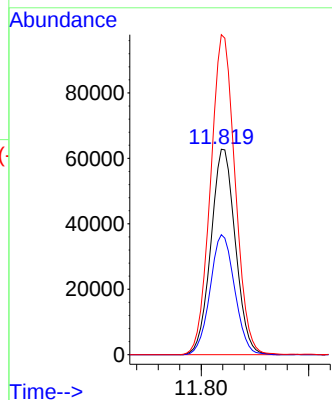
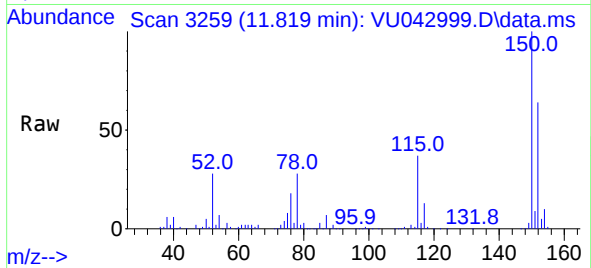




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU042999.D
Acq: 09 Apr 2021 14:01

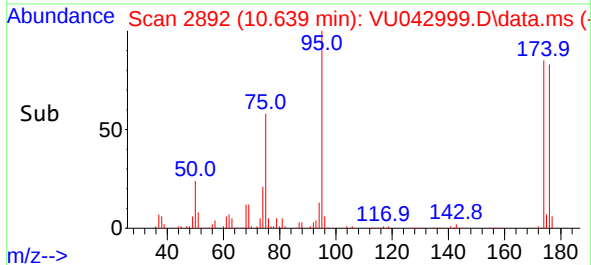
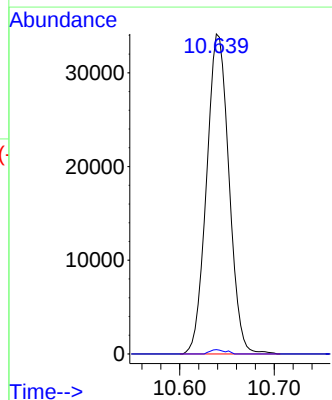
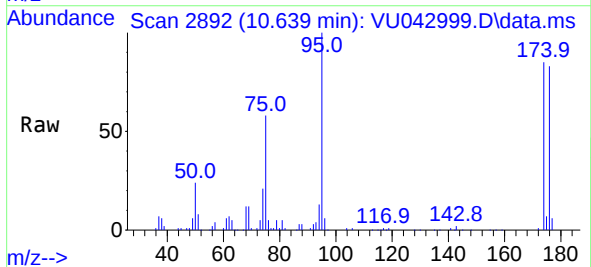
Instrument :
MSVOA_U
ClientSampleId :
VU0409WBL01

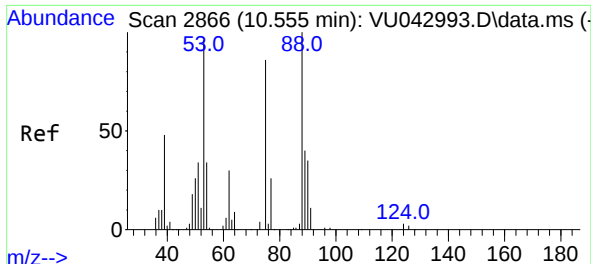
Tgt Ion:152 Resp: 99219
Ion Ratio Lower Upper
152 100
115 58.5 42.8 128.3
150 156.2 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 19.89 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.193 min
Lab File: VU042999.D
Acq: 09 Apr 2021 14:01

Tgt Ion: 75 Resp: 56291
Ion Ratio Lower Upper
75 100
77 1.0 18.2 54.6#

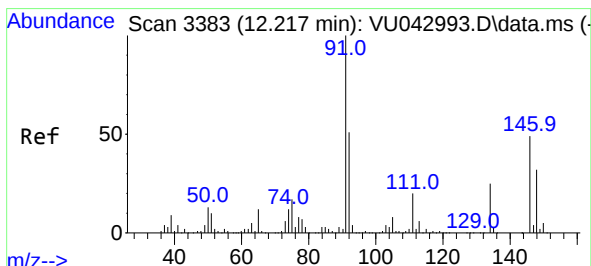
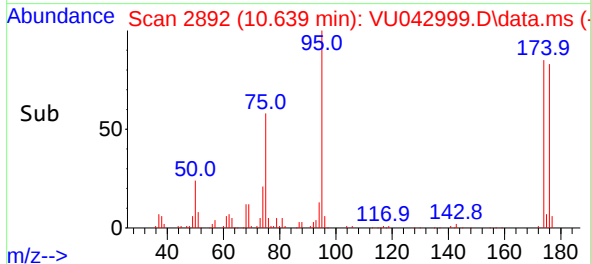
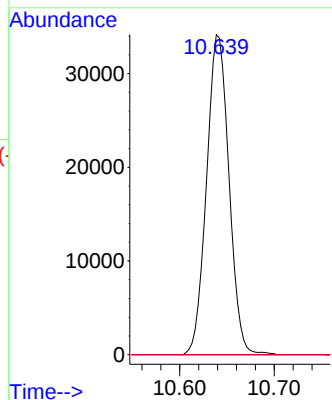
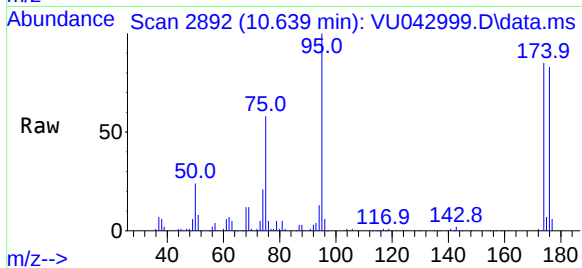




#81
trans-1,4-Dichloro-2-butene
Concen: 55.29 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.084 min
Lab File: VU042999.D
Acq: 09 Apr 2021 14:01

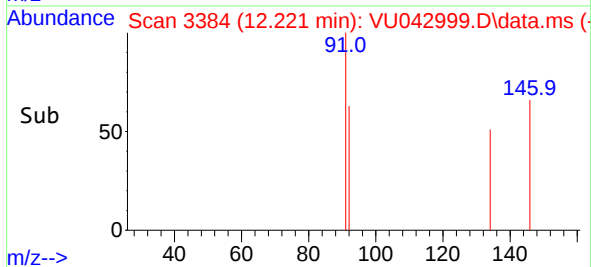
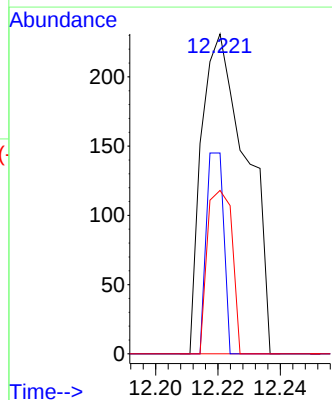
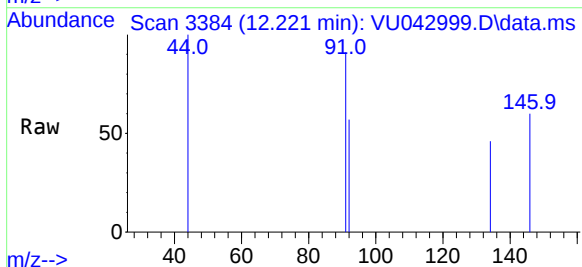
Instrument :
MSVOA_U
ClientSampleId :
VU0409WBL01

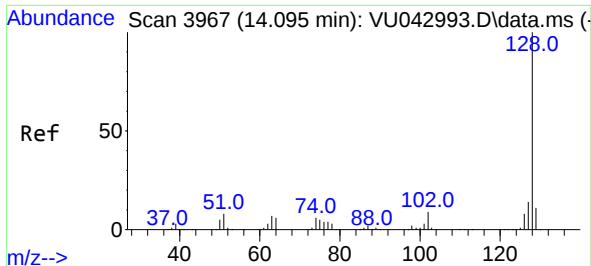
Tgt Ion: 75 Resp: 56291
Ion Ratio Lower Upper
75 100
53 0.0 91.1 136.7#
89 0.0 37.1 55.7#



#89
n-Butylbenzene
Concen: 1.74 ug/l
RT: 12.221 min Scan# 3384
Delta R.T. 0.004 min
Lab File: VU042999.D
Acq: 09 Apr 2021 14:01

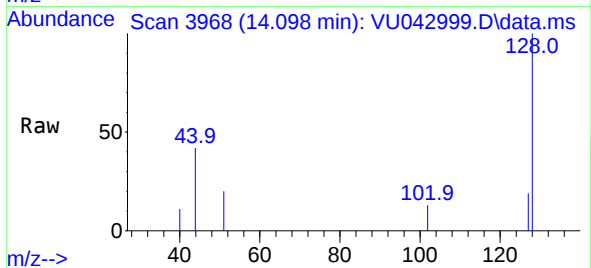
Tgt Ion: 91 Resp: 232
Ion Ratio Lower Upper
91 100
92 24.1 25.7 77.1#
134 28.0 12.2 36.4



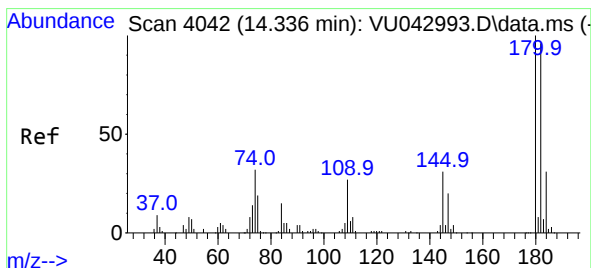
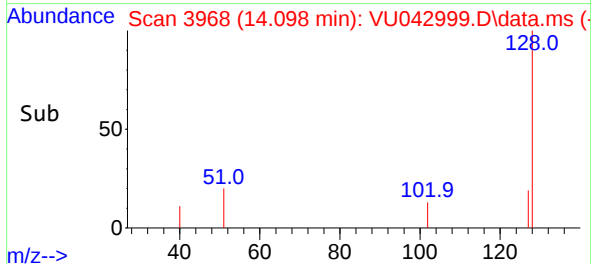
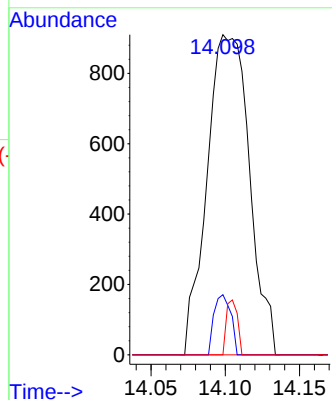


#95
Naphthalene
Concen: 3.44 ug/l
RT: 14.098 min Scan# 3968
Delta R.T. 0.003 min
Lab File: VU042999.D
Acq: 09 Apr 2021 14:01

Instrument :
MSVOA_U
ClientSampleId :
VU0409WBL01



Tgt Ion:128 Resp: 1811
Ion Ratio Lower Upper
128 100
127 7.4 11.0 16.4#
129 4.5 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 0.25 ug/l
RT: 14.346 min Scan# 4045
Delta R.T. 0.010 min
Lab File: VU042999.D
Acq: 09 Apr 2021 14:01

Tgt Ion:180 Resp: 493
Ion Ratio Lower Upper
180 100
182 45.4 47.9 143.8#
145 13.0 15.3 45.8#

