

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040921\
 Data File : VU043005.D
 Acq On : 09 Apr 2021 16:18
 Operator : SY/MD
 Sample : M1977-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 FB-01-040721

Quant Time: Apr 09 16:42:13 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)

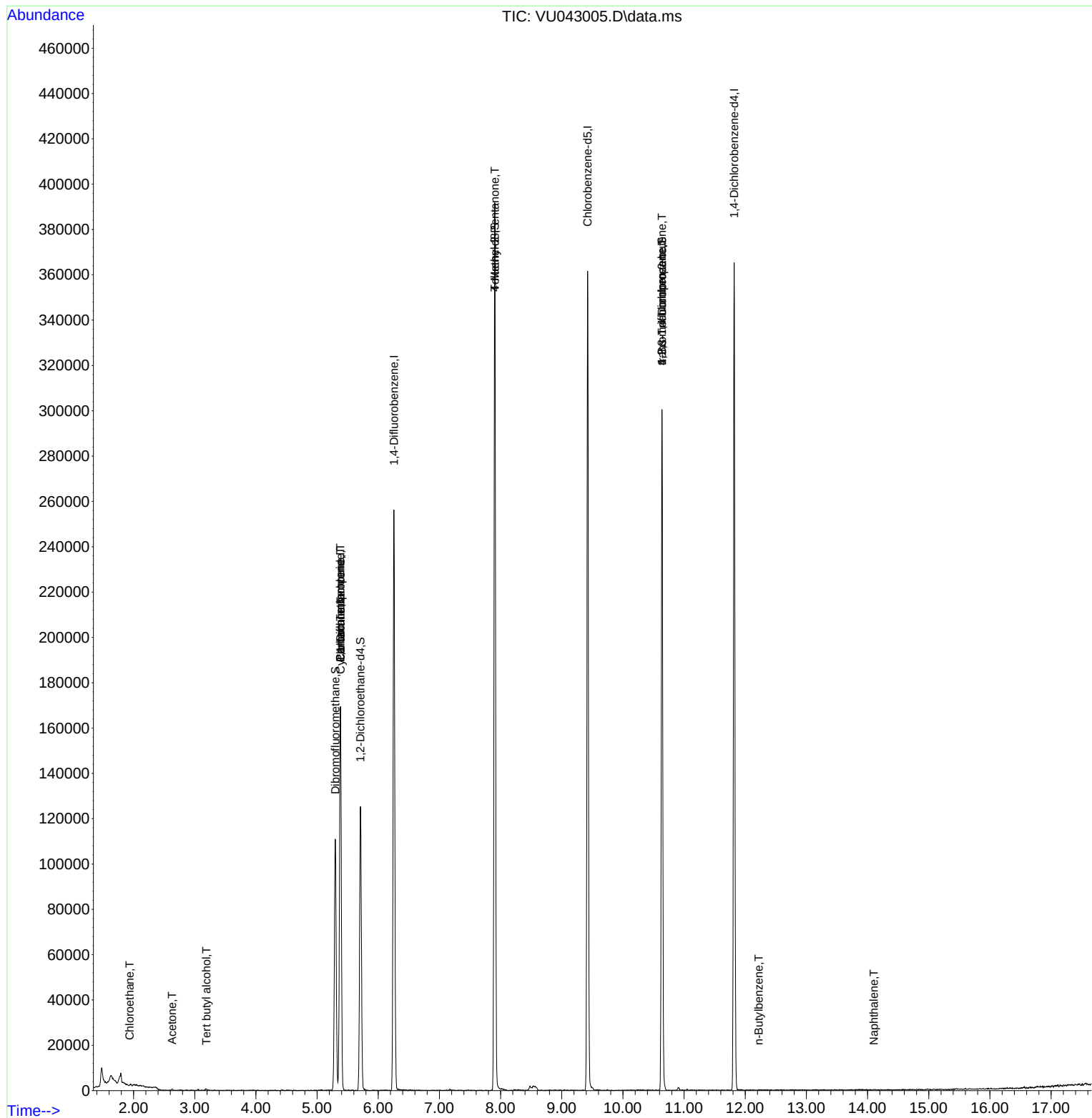
Internal Standards						
1) Pentafluorobenzene	5.382	168	115910	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	191033	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	182244	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	90703	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	97008	51.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.40%	
35) Dibromofluoromethane	5.298	113	68119	48.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.66%	
50) Toluene-d8	7.906	98	240387	47.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.66%	
62) 4-Bromofluorobenzene	10.639	95	88444	43.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.16%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.523	50	466	Below Cal	#	43
6) Chloroethane	1.938	64	224	0.25 ug/l	#	41
11) Tert butyl alcohol	3.189	59	386	0.75 ug/l	#	71
16) Acetone	2.629	43	572	0.54 ug/l	#	48
31) Cyclohexane	5.385	56	3064	1.34 ug/l	#	41
36) 1,1-Dichloropropene	5.382	75	10126	5.40 ug/l	#	52
38) Carbon Tetrachloride	5.382	117	11957	5.79 ug/l	#	15
51) 4-Methyl-2-Pentanone	7.906	43	1578	9.97 ug/l	#	1
76) 1,2,3-Trichloropropane	10.639	75	50142	19.38 ug/l	#	40
81) trans-1,4-Dichloro-2-b...	10.639	75	50142	54.00 ug/l	#	5
89) n-Butylbenzene	12.221	91	84	1.72 ug/l	#	34
95) Naphthalene	14.102	128	370	3.26 ug/l	#	68

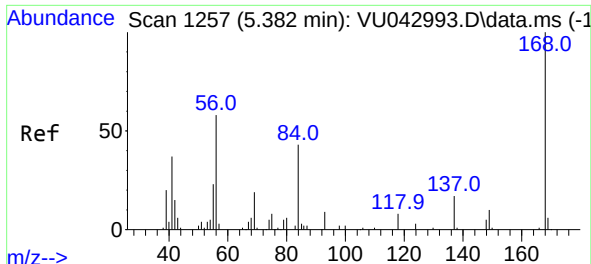
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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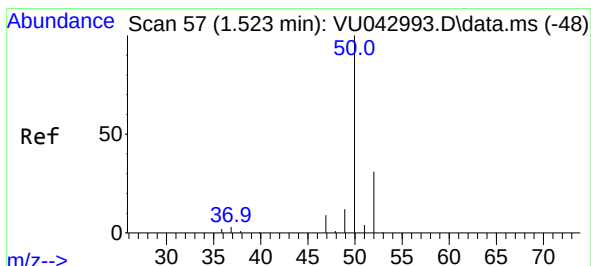
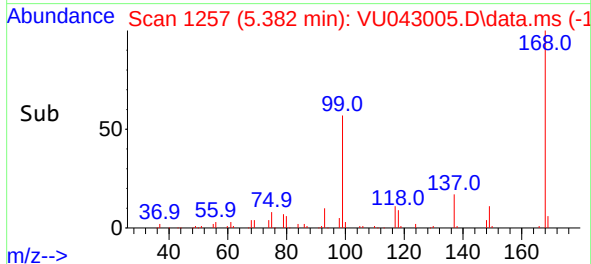
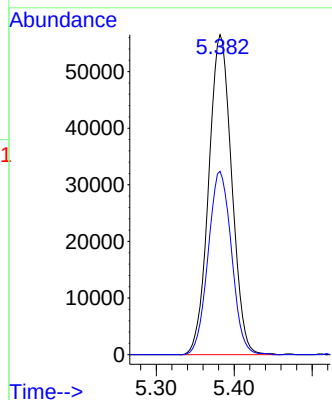
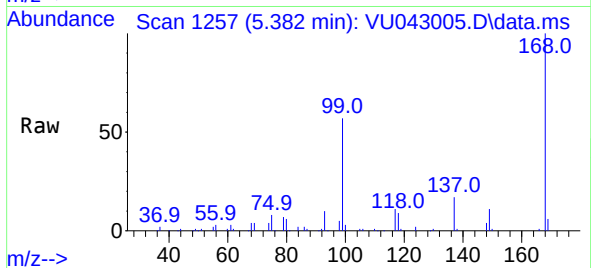




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043005.D
Acq: 09 Apr 2021 16:18

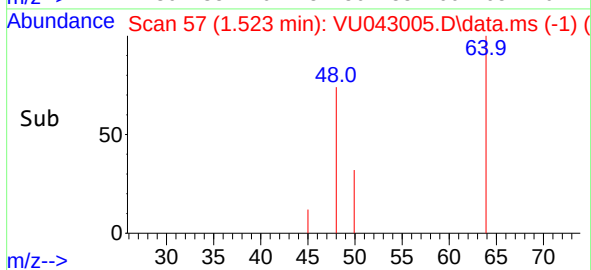
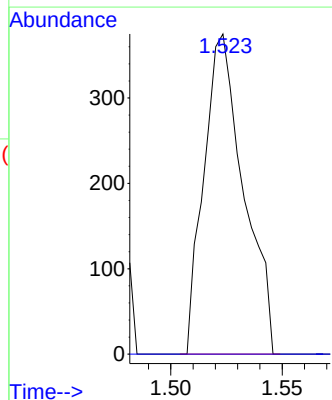
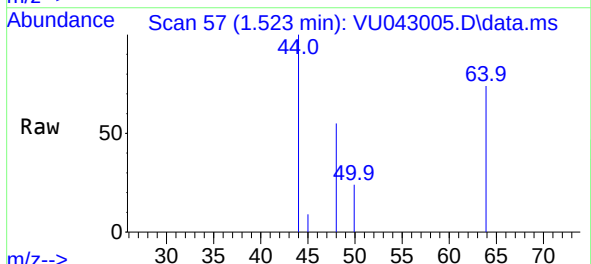
Instrument :
MSVOA_U
ClientSampleId :
FB-01-040721

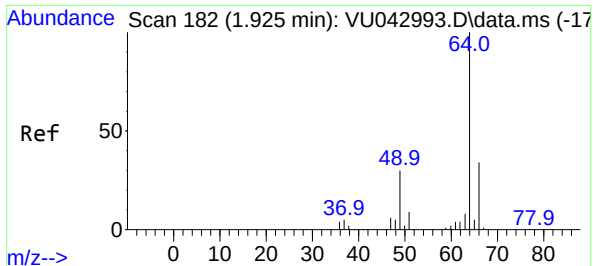
Tgt Ion:168 Resp: 115910
Ion Ratio Lower Upper
168 100
99 57.3 47.5 71.3



#3
Chloromethane
Concen: Below Cal
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU043005.D
Acq: 09 Apr 2021 16:18

Tgt Ion: 50 Resp: 466
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#

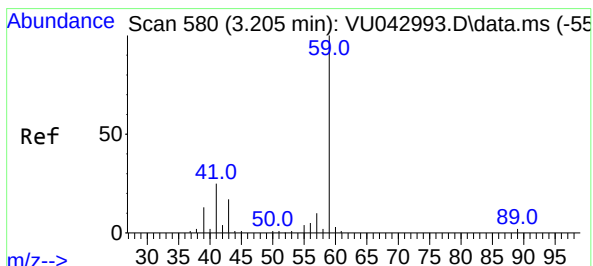
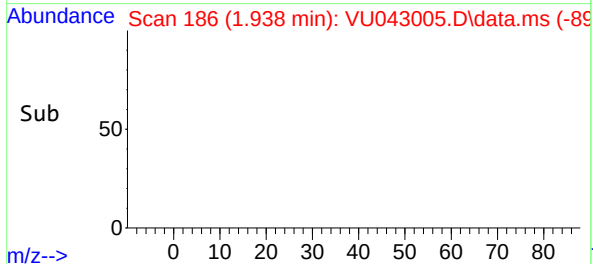
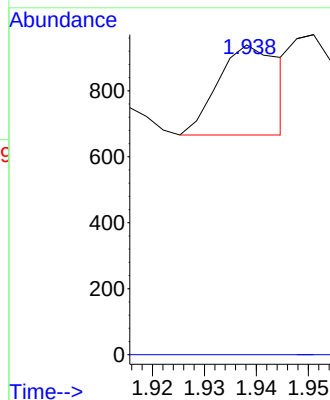
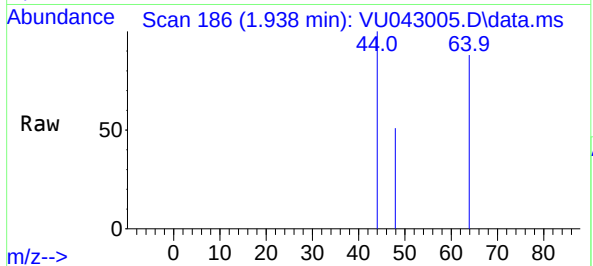




#6
Chloroethane
Concen: 0.25 ug/l
RT: 1.938 min Scan# 186
Delta R.T. 0.013 min
Lab File: VU043005.D
Acq: 09 Apr 2021 16:18

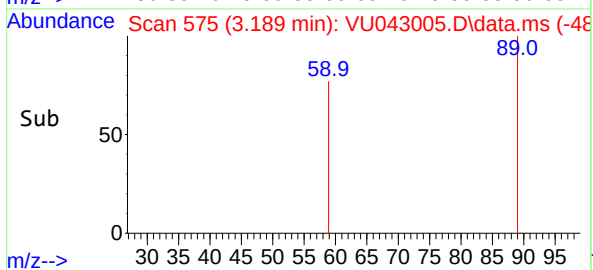
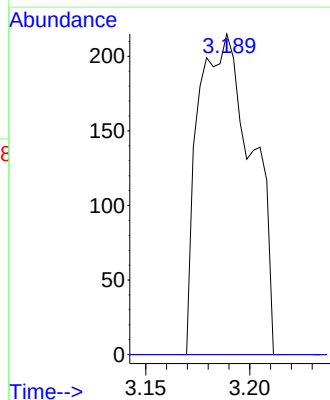
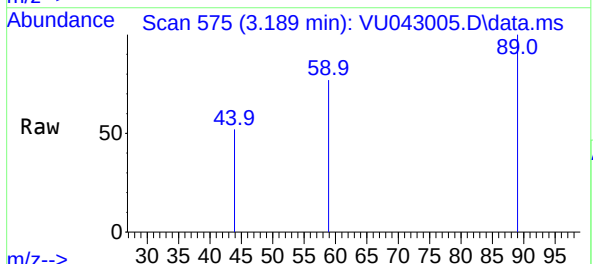
Instrument :
MSVOA_U
ClientSampleId :
FB-01-040721

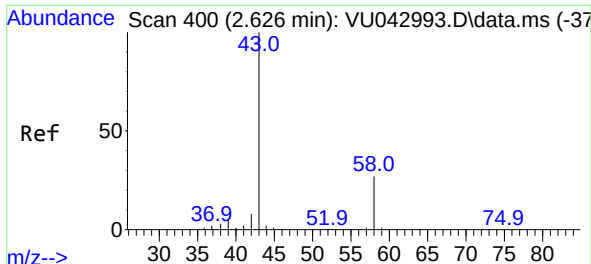
Tgt Ion: 64 Resp: 224
Ion Ratio Lower Upper
64 100
66 0.0 26.9 40.3#



#11
Tert butyl alcohol
Concen: 0.75 ug/l
RT: 3.189 min Scan# 575
Delta R.T. -0.016 min
Lab File: VU043005.D
Acq: 09 Apr 2021 16:18

Tgt Ion: 59 Resp: 386
Ion Ratio Lower Upper
59 100
57 0.0 8.6 13.0#

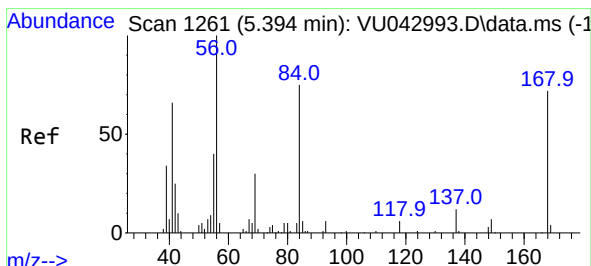
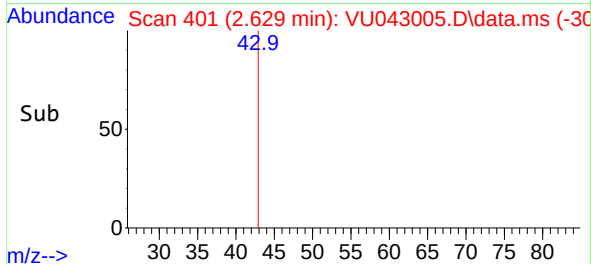
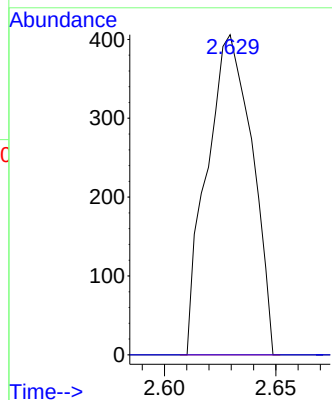
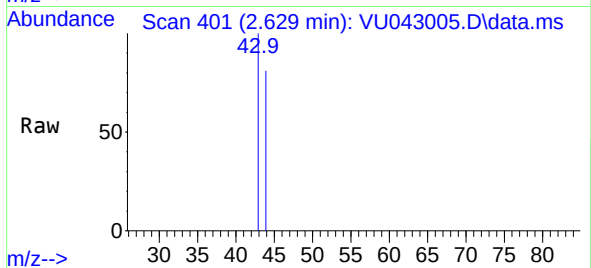




#16
Acetone
Concen: 0.54 ug/l
RT: 2.629 min Scan# 401
Delta R.T. 0.003 min
Lab File: VU043005.D
Acq: 09 Apr 2021 16:18

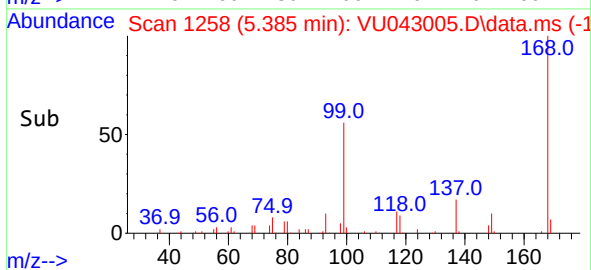
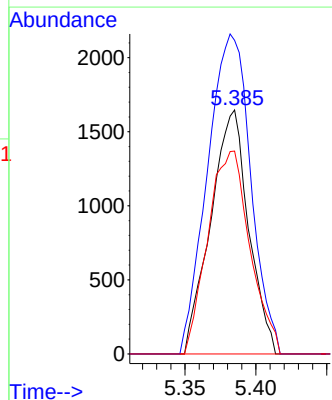
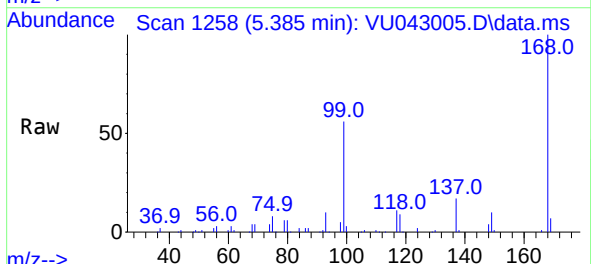
Instrument :
MSVOA_U
ClientSampled :
FB-01-040721

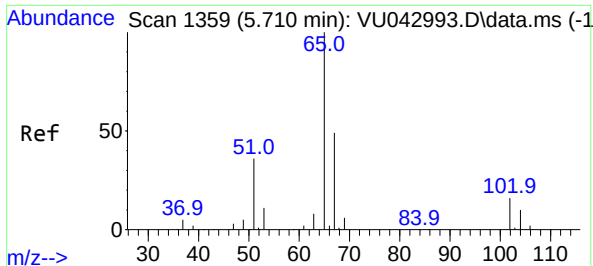
Tgt Ion: 43 Resp: 572
Ion Ratio Lower Upper
43 100
58 0.0 21.4 32.0#



#31
Cyclohexane
Concen: 1.34 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. -0.010 min
Lab File: VU043005.D
Acq: 09 Apr 2021 16:18

Tgt Ion: 56 Resp: 3064
Ion Ratio Lower Upper
56 100
69 128.5 23.9 35.9#
84 83.1 59.8 89.6



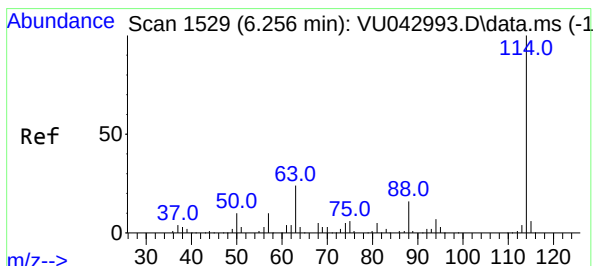
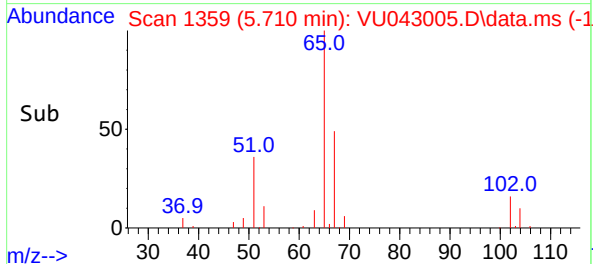
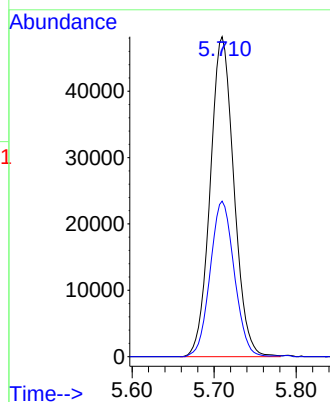
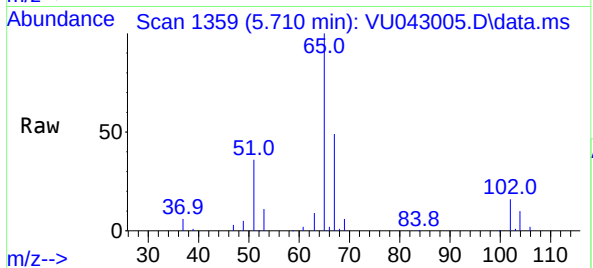


#33

1,2-Dichloroethane-d4
Concen: 51.20 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. 0.000 min
Lab File: VU043005.D
Acq: 09 Apr 2021 16:18

Instrument :
MSVOA_U
ClientSampled :
FB-01-040721

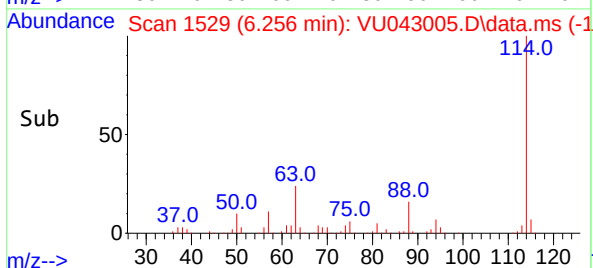
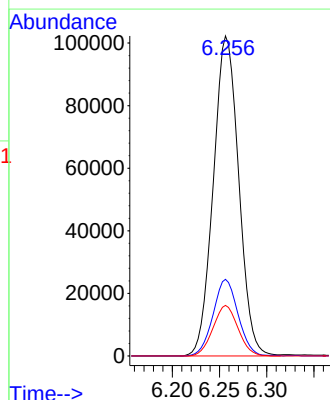
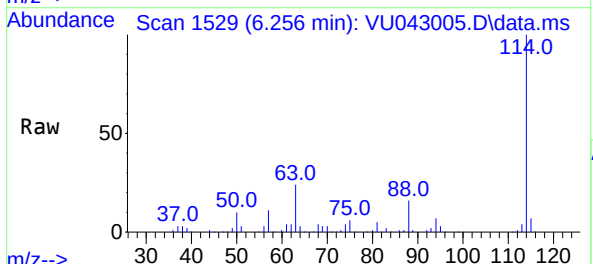
Tgt Ion: 65 Resp: 97008
Ion Ratio Lower Upper
65 100
67 49.4 0.0 98.6

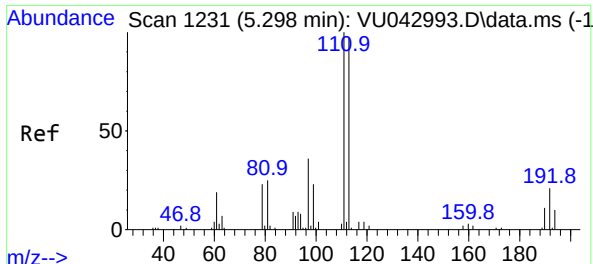


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. 0.000 min
Lab File: VU043005.D
Acq: 09 Apr 2021 16:18

Tgt Ion: 114 Resp: 191033
Ion Ratio Lower Upper
114 100
63 23.9 0.0 48.0
88 15.8 0.0 32.6



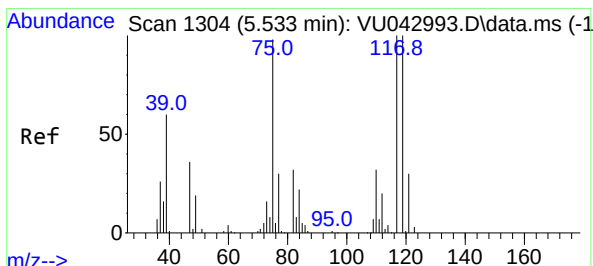
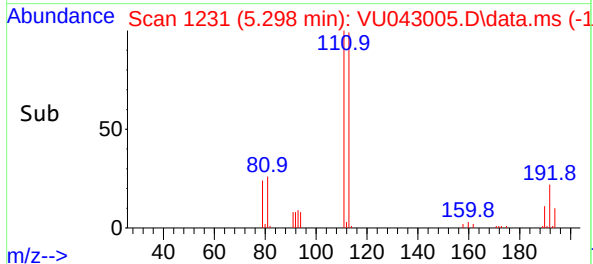
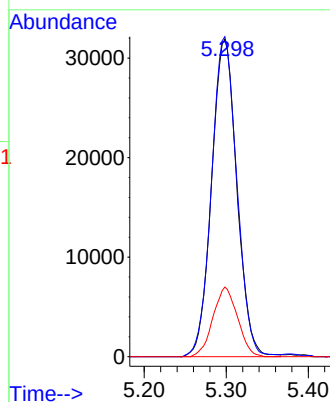
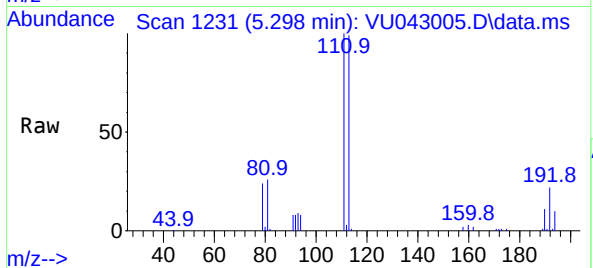


#35
Dibromofluoromethane
Concen: 48.83 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU043005.D
Acq: 09 Apr 2021 16:18

Instrument :
MSVOA_U
ClientSampleId :
FB-01-040721

Tgt Ion:113 Resp: 68119

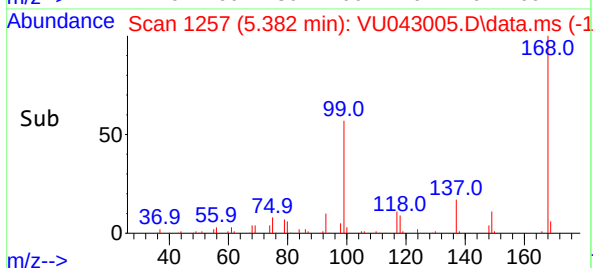
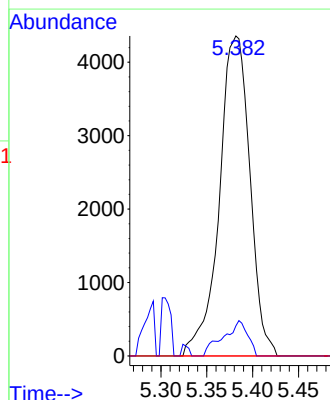
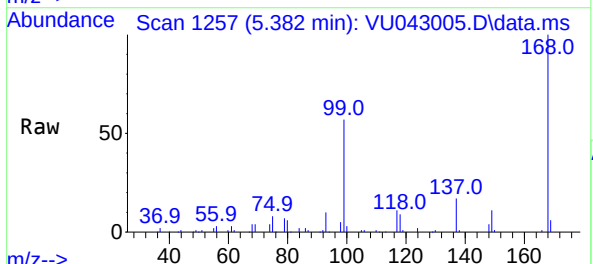
Ion	Ratio	Lower	Upper
113	100		
111	100.9	81.7	122.5
192	21.3	17.1	25.7

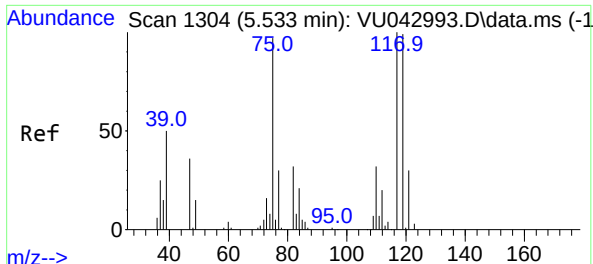


#36
1,1-Dichloropropene
Concen: 5.40 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU043005.D
Acq: 09 Apr 2021 16:18

Tgt Ion: 75 Resp: 10126

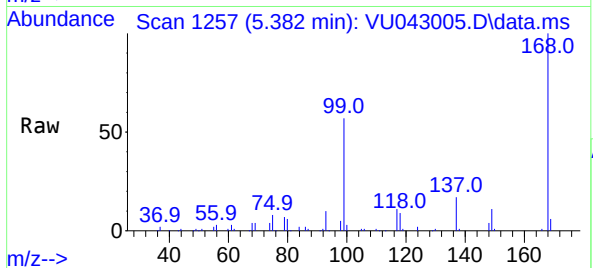
Ion	Ratio	Lower	Upper
75	100		
110	8.7	16.3	48.8#
77	0.0	23.8	35.6#



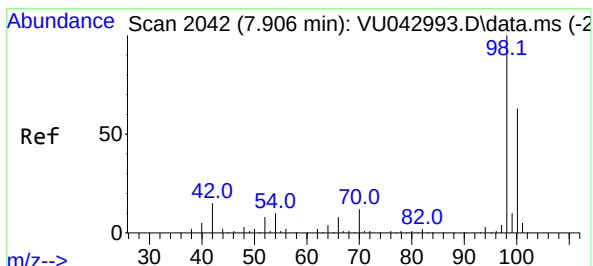
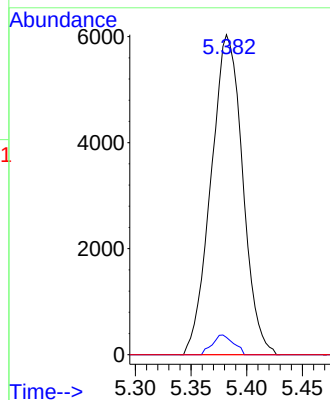
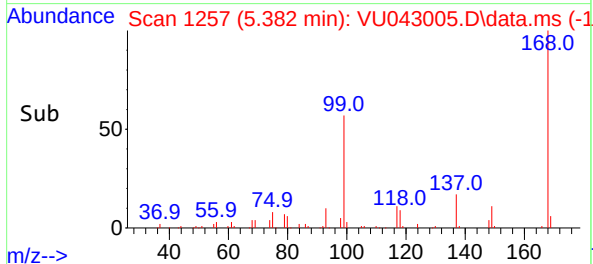


#38
Carbon Tetrachloride
Concen: 5.79 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU043005.D
Acq: 09 Apr 2021 16:18

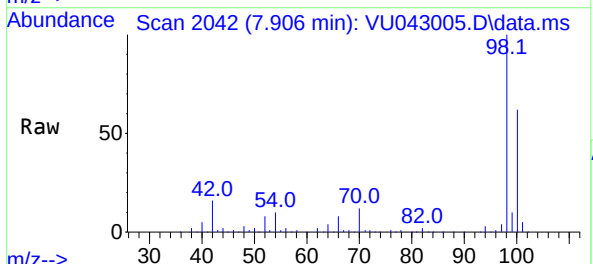
Instrument :
MSVOA_U
ClientSampleId :
FB-01-040721



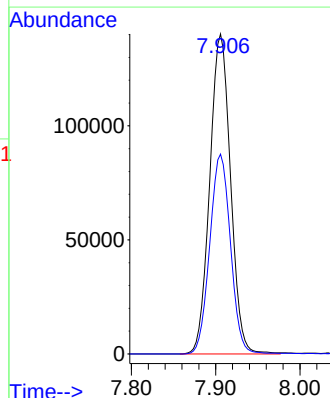
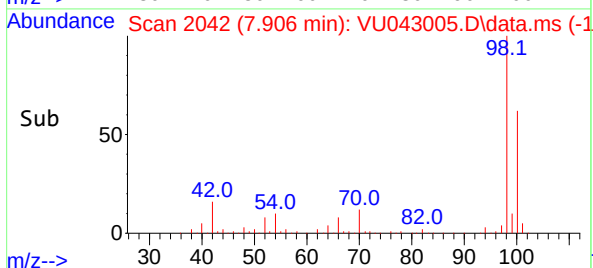
Tgt Ion:117 Resp: 11957
Ion Ratio Lower Upper
117 100
119 5.4 79.6 119.4#
121 0.0 24.1 36.1#

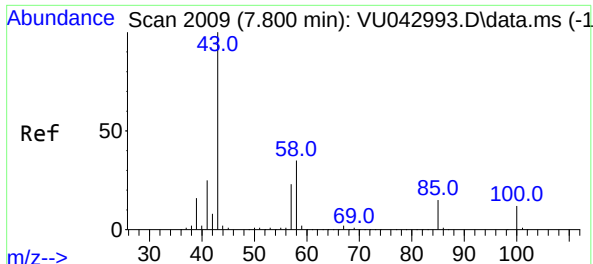


#50
Toluene-d8
Concen: 47.83 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. 0.000 min
Lab File: VU043005.D
Acq: 09 Apr 2021 16:18



Tgt Ion: 98 Resp: 240387
Ion Ratio Lower Upper
98 100
100 62.3 49.9 74.9

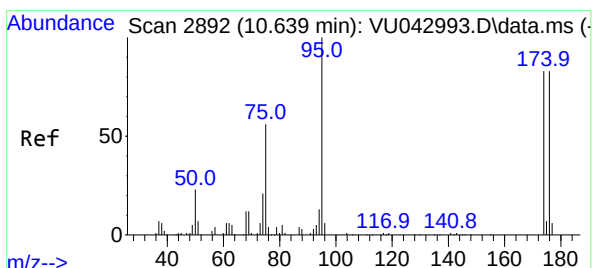
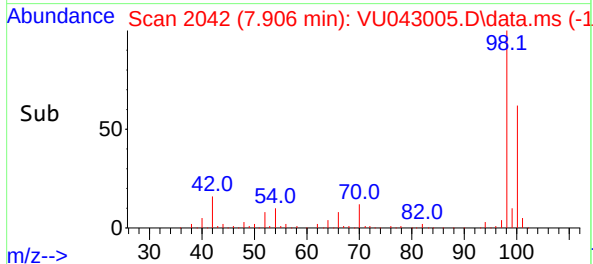
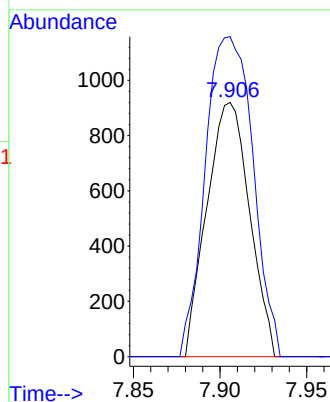
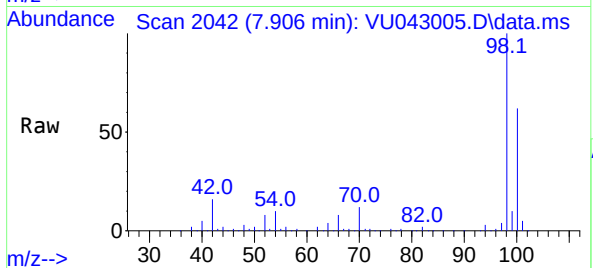




#51
4-Methyl-2-Pentanone
Concen: 9.97 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. 0.106 min
Lab File: VU043005.D
Acq: 09 Apr 2021 16:18

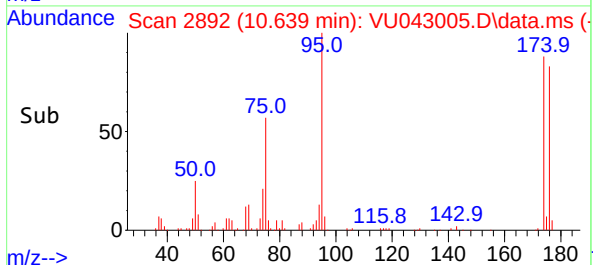
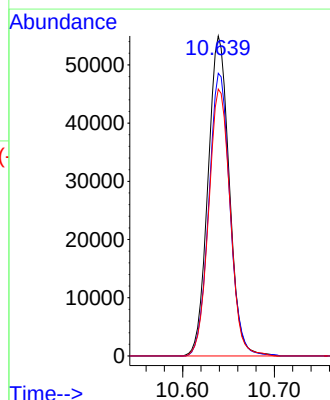
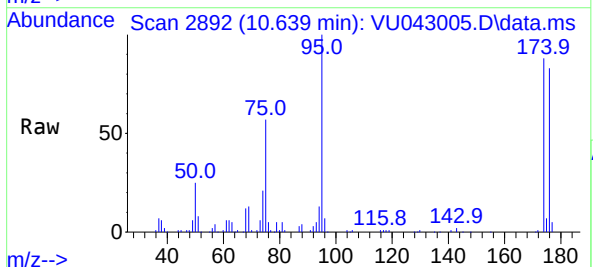
Instrument :
MSVOA_U
ClientSampled :
FB-01-040721

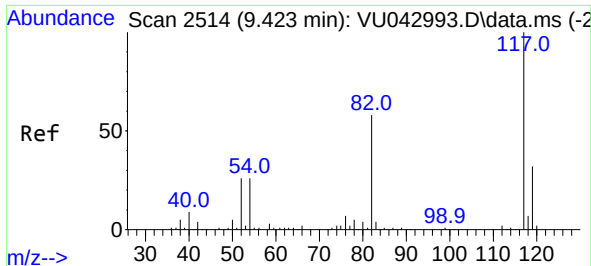
Tgt Ion: 43 Resp: 1578
Ion Ratio Lower Upper
43 100
58 140.6 27.7 41.5#



#62
4-Bromofluorobenzene
Concen: 43.08 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.000 min
Lab File: VU043005.D
Acq: 09 Apr 2021 16:18

Tgt Ion: 95 Resp: 88444
Ion Ratio Lower Upper
95 100
174 87.8 0.0 168.8
176 84.3 0.0 164.6

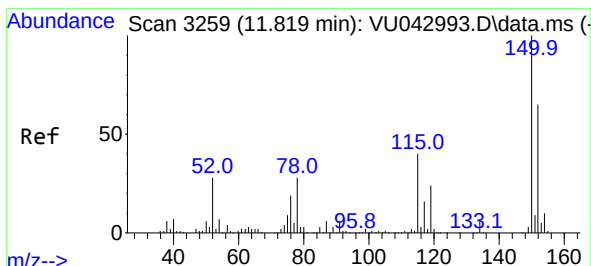
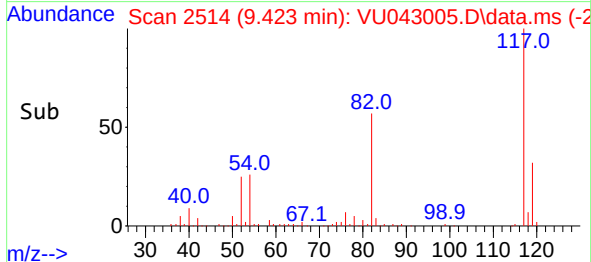
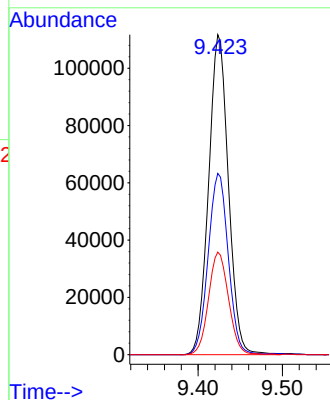
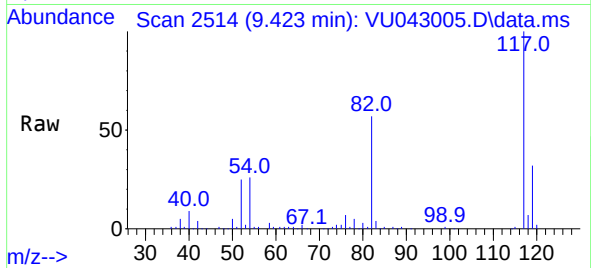




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043005.D
Acq: 09 Apr 2021 16:18

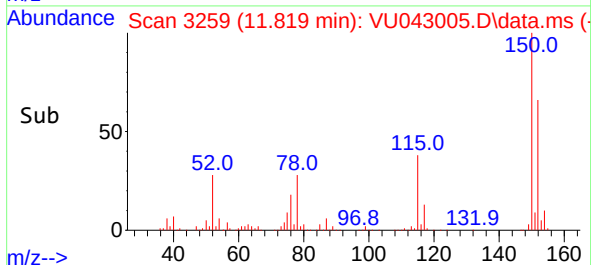
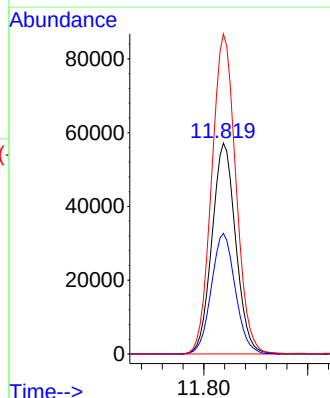
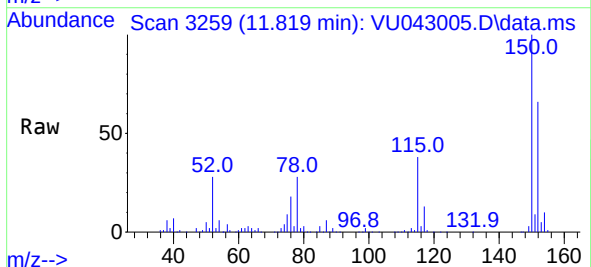
Instrument :
MSVOA_U
ClientSampled :
FB-01-040721

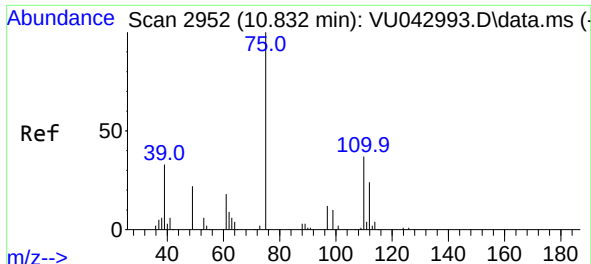
Tgt Ion:117 Resp: 182244
Ion Ratio Lower Upper
117 100
82 56.7 46.5 69.7
119 32.1 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU043005.D
Acq: 09 Apr 2021 16:18

Tgt Ion:152 Resp: 90703
Ion Ratio Lower Upper
152 100
115 57.8 42.8 128.3
150 154.7 0.0 347.6

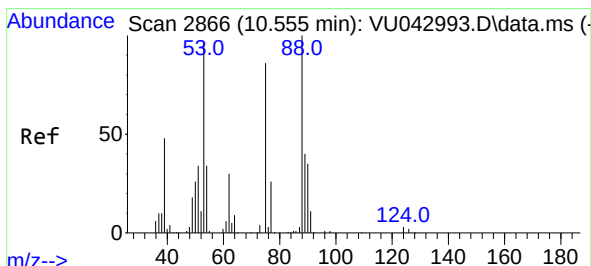
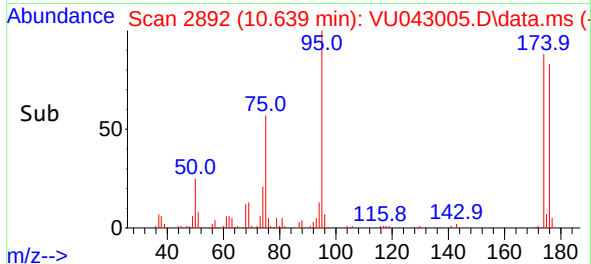
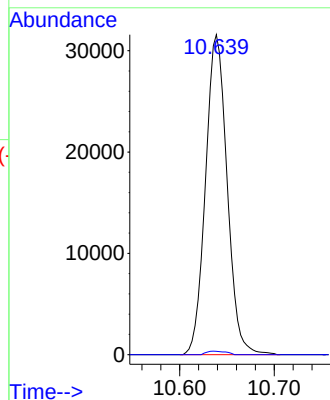
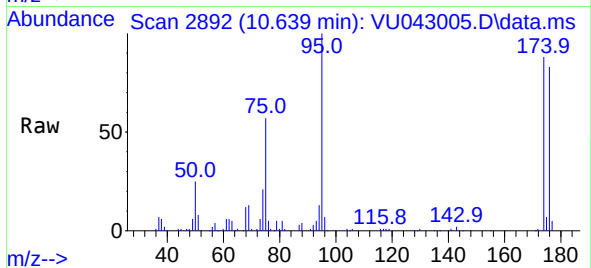




#76
1,2,3-Trichloropropane
Concen: 19.38 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.193 min
Lab File: VU043005.D
Acq: 09 Apr 2021 16:18

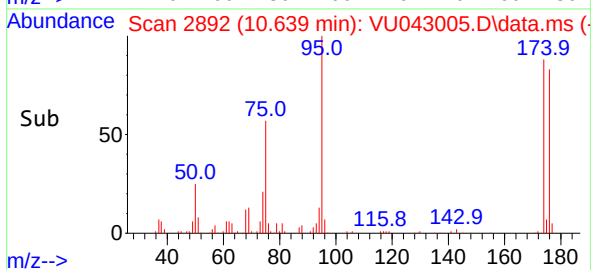
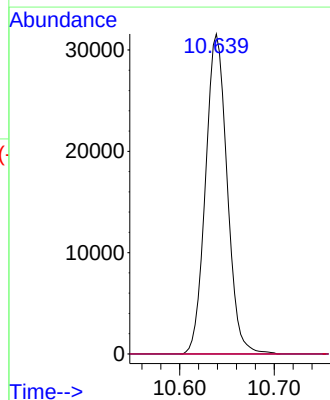
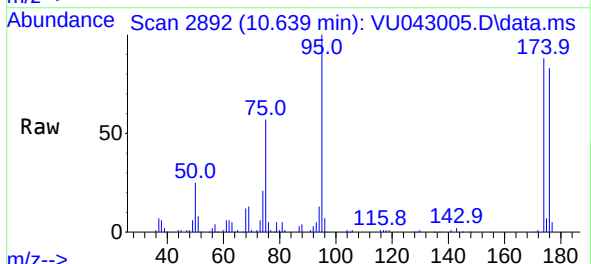
Instrument :
MSVOA_U
ClientSampled :
FB-01-040721

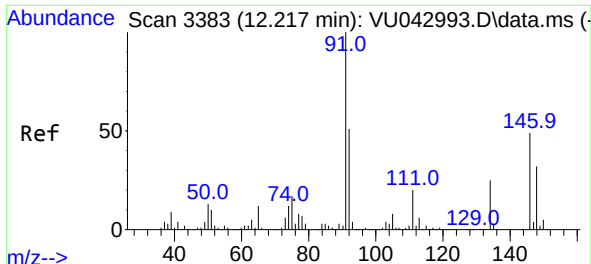
Tgt Ion: 75 Resp: 50142
Ion Ratio Lower Upper
75 100
77 1.0 18.2 54.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 54.00 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.084 min
Lab File: VU043005.D
Acq: 09 Apr 2021 16:18

Tgt Ion: 75 Resp: 50142
Ion Ratio Lower Upper
75 100
53 0.0 91.1 136.7#
89 0.0 37.1 55.7#

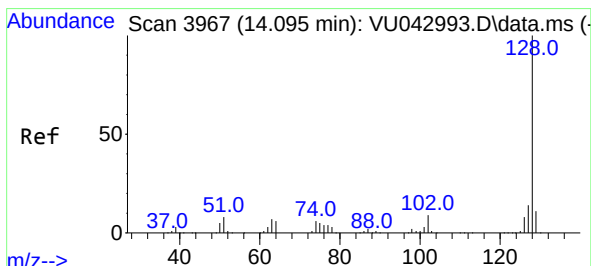
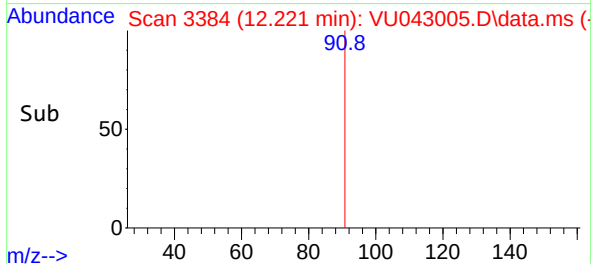
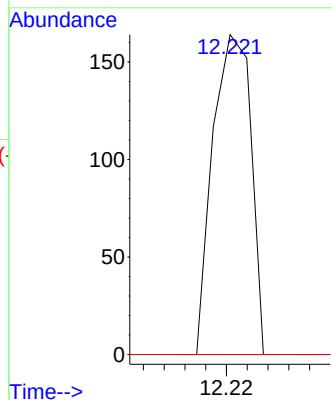
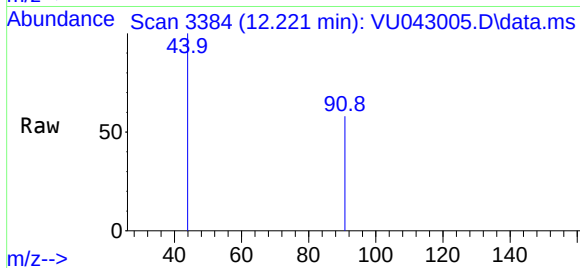




#89
n-Butylbenzene
Concen: 1.72 ug/l
RT: 12.221 min Scan# 3384
Delta R.T. 0.004 min
Lab File: VU043005.D
Acq: 09 Apr 2021 16:18

Instrument :
MSVOA_U
ClientSampleId :
FB-01-040721

Tgt Ion: 91 Resp: 84
Ion Ratio Lower Upper
91 100
92 0.0 25.7 77.1#
134 0.0 12.2 36.4#



#95
Naphthalene
Concen: 3.26 ug/l
RT: 14.102 min Scan# 3969
Delta R.T. 0.007 min
Lab File: VU043005.D
Acq: 09 Apr 2021 16:18

Tgt Ion: 128 Resp: 370
Ion Ratio Lower Upper
128 100
127 0.0 11.0 16.4#
129 0.0 8.7 13.1#

