

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040921\
 Data File : VU043004.D
 Acq On : 09 Apr 2021 15:55
 Operator : SY/MD
 Sample : M1977-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TB-01-040721

Quant Time: Apr 09 16:33:24 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)

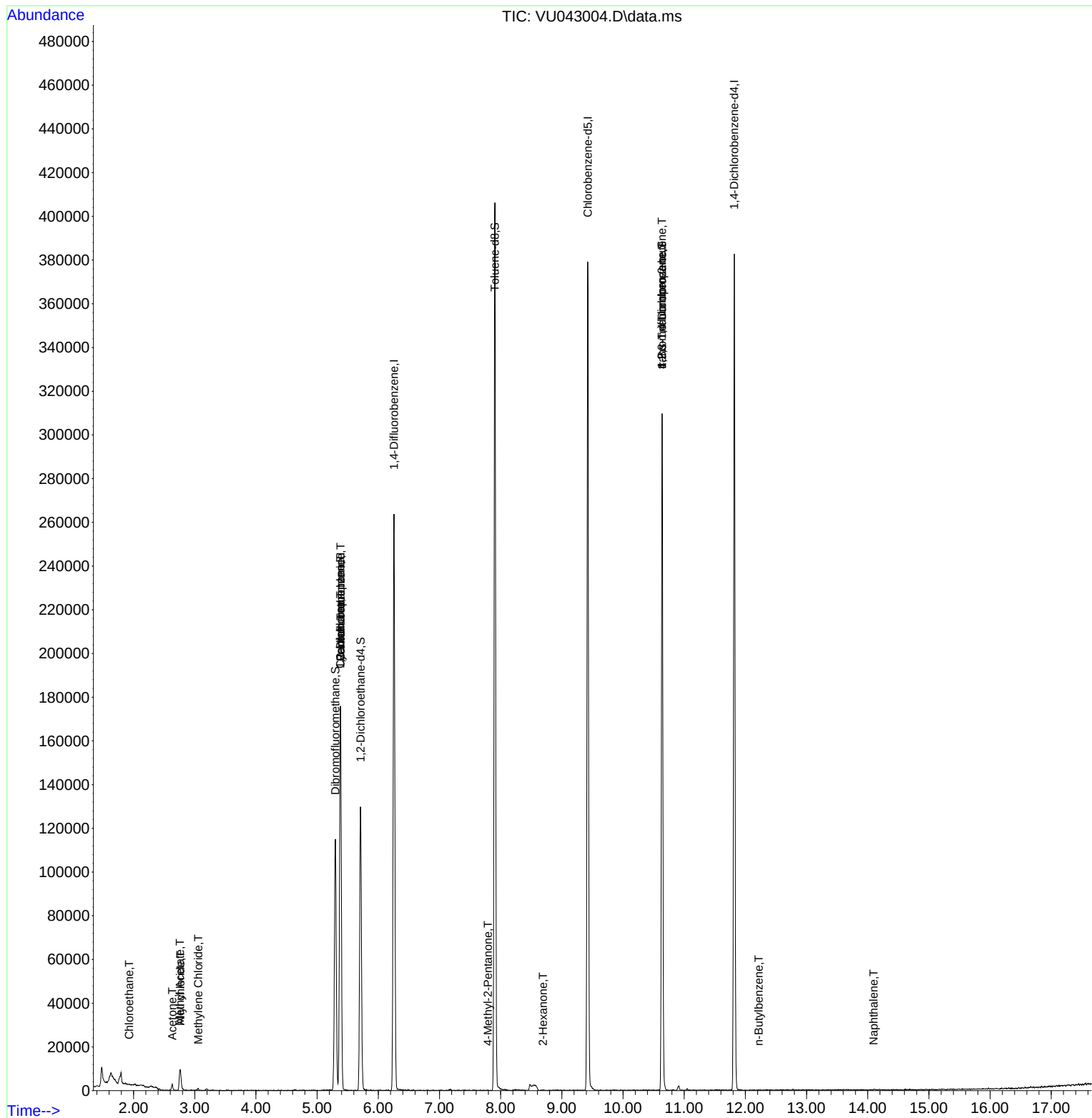
Internal Standards						
1) Pentafluorobenzene	5.382	168	119744	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	195066	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	188528	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	92934	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	100918	51.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.10%	
35) Dibromofluoromethane	5.298	113	69840	49.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.06%	
50) Toluene-d8	7.906	98	246486	48.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.06%	
62) 4-Bromofluorobenzene	10.639	95	91351	43.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.16%	
Target Compounds					Qvalue	
3) Chloromethane	1.526	50	350	Below Cal	#	43
6) Chloroethane	1.928	64	363	0.39	ug/l #	41
14) Allyl chloride	2.764	41	1121	0.44	ug/l #	74
16) Acetone	2.633	43	2956	2.69	ug/l	97
18) Methyl Acetate	2.758	43	3235	1.29	ug/l #	56
20) Methylene Chloride	3.057	84	301	0.21	ug/l #	86
31) Cyclohexane	5.378	56	2756	1.17	ug/l #	9
36) 1,1-Dichloropropene	5.378	75	9987	5.21	ug/l #	54
38) Carbon Tetrachloride	5.382	117	11953	5.67	ug/l #	14
51) 4-Methyl-2-Pentanone	7.793	43	61	9.61	ug/l #	40
59) 2-Hexanone	8.690	43	215	8.04	ug/l #	29
76) 1,2,3-Trichloropropane	10.639	75	51921	19.59	ug/l #	40
81) trans-1,4-Dichloro-2-b...	10.639	75	51921	54.52	ug/l #	5
89) n-Butylbenzene	12.217	91	20	1.70	ug/l #	34
95) Naphthalene	14.095	128	520	3.28	ug/l #	68

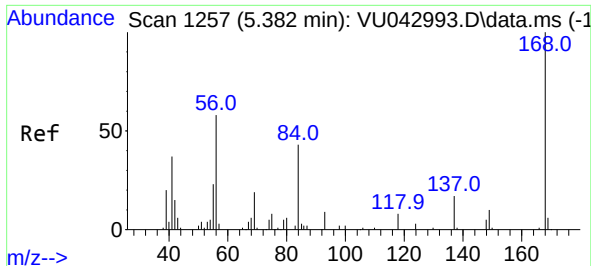
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Apr 09 09:26:47 2021
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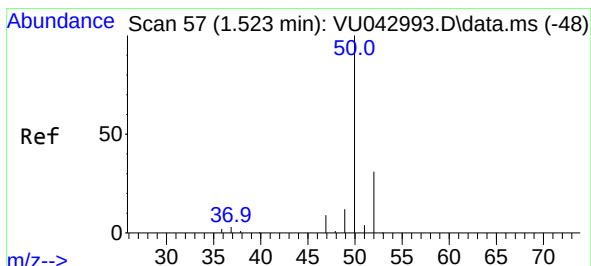
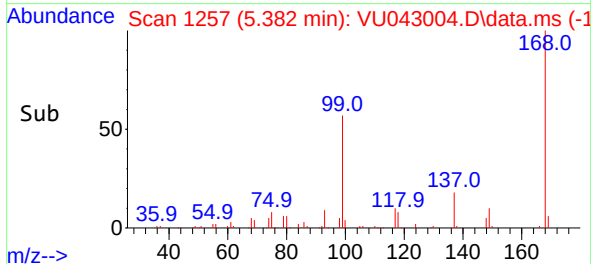
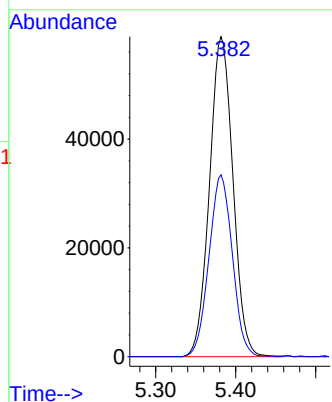
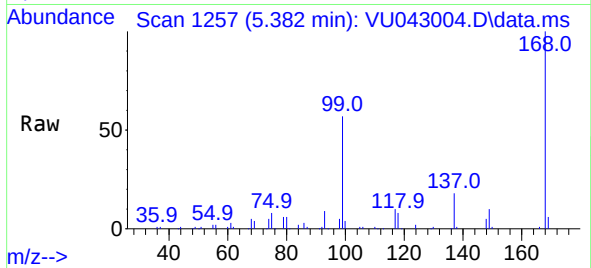




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043004.D
Acq: 09 Apr 2021 15:55

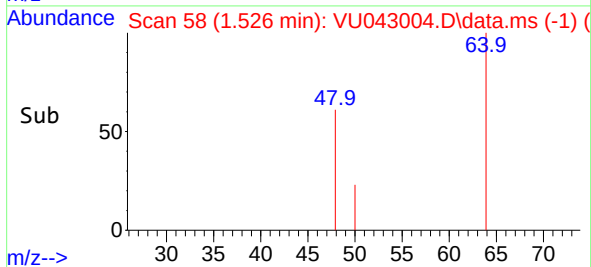
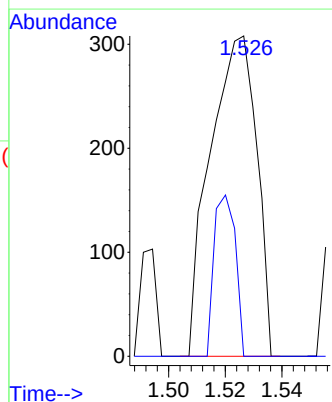
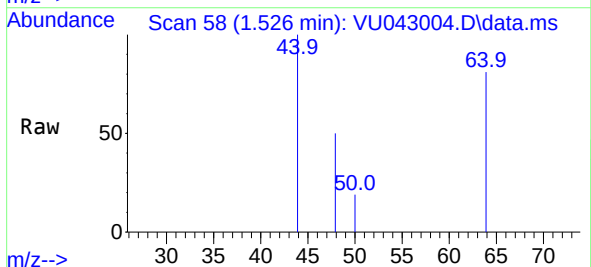
Instrument :
MSVOA_U
ClientSampleId :
TB-01-040721

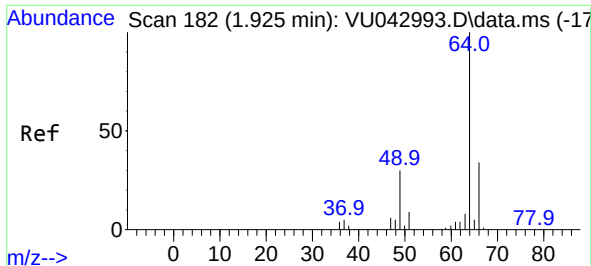
Tgt Ion:168 Resp: 119744
Ion Ratio Lower Upper
168 100
99 56.9 47.5 71.3



#3
Chloromethane
Concen: Below Cal
RT: 1.526 min Scan# 58
Delta R.T. 0.003 min
Lab File: VU043004.D
Acq: 09 Apr 2021 15:55

Tgt Ion: 50 Resp: 350
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#

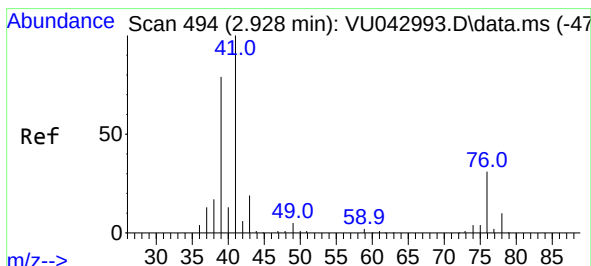
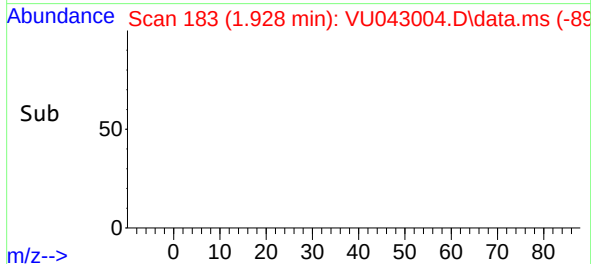
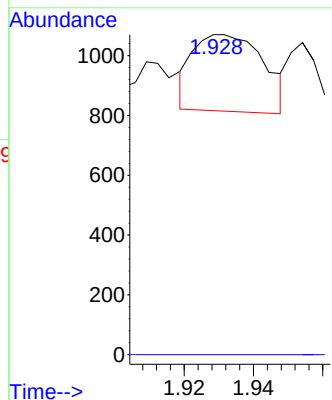
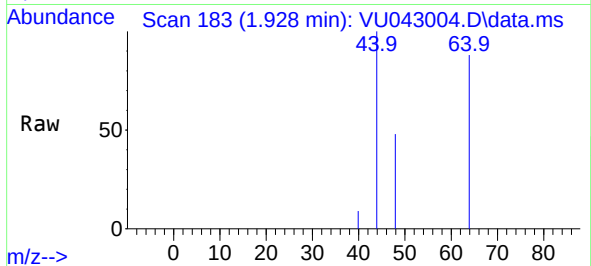




#6
Chloroethane
Concen: 0.39 ug/l
RT: 1.928 min Scan# 183
Delta R.T. 0.003 min
Lab File: VU043004.D
Acq: 09 Apr 2021 15:55

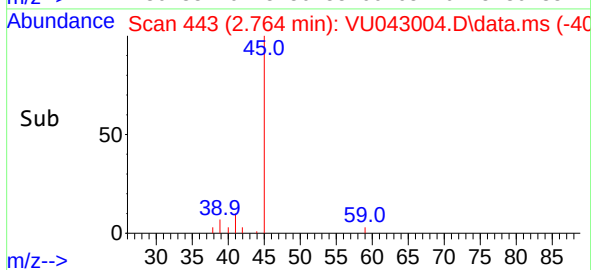
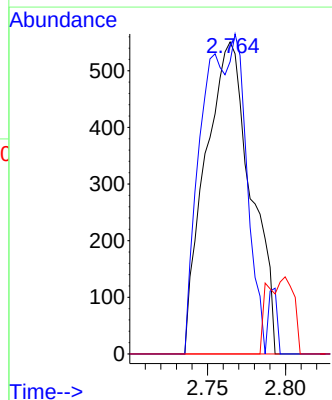
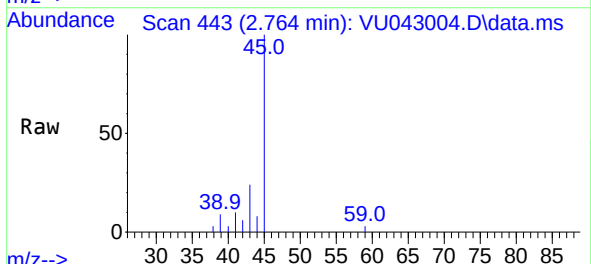
Instrument :
MSVOA_U
ClientSampleId :
TB-01-040721

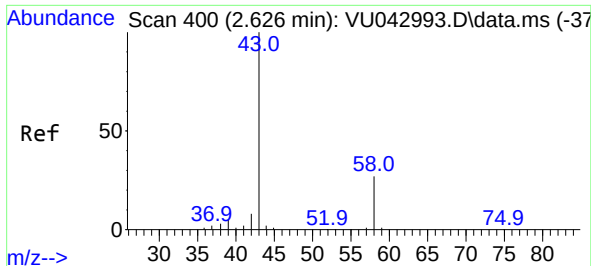
Tgt Ion: 64 Resp: 363
Ion Ratio Lower Upper
64 100
66 0.0 26.9 40.3#



#14
Allyl chloride
Concen: 0.44 ug/l
RT: 2.764 min Scan# 443
Delta R.T. -0.164 min
Lab File: VU043004.D
Acq: 09 Apr 2021 15:55

Tgt Ion: 41 Resp: 1121
Ion Ratio Lower Upper
41 100
39 57.4 56.4 84.6
76 0.0 21.4 32.0#

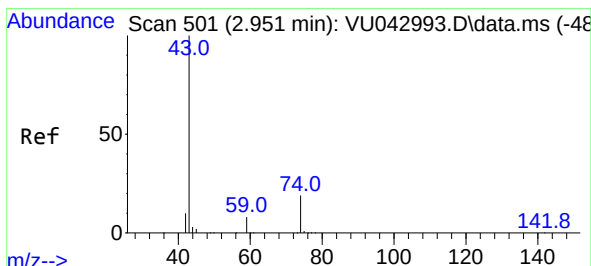
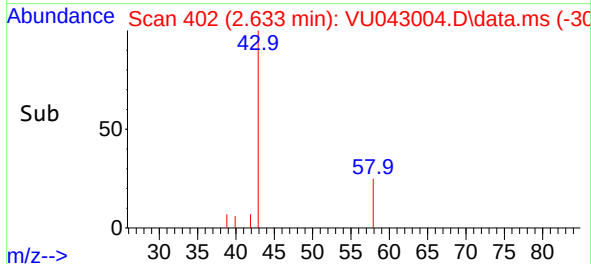
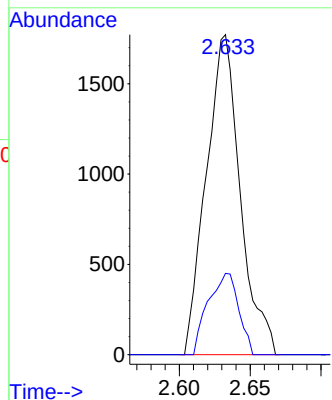
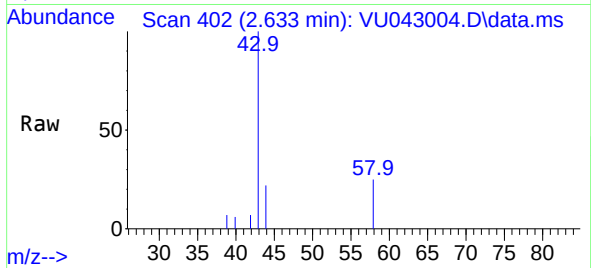




#16
Acetone
Concen: 2.69 ug/l
RT: 2.633 min Scan# 402
Delta R.T. 0.006 min
Lab File: VU043004.D
Acq: 09 Apr 2021 15:55

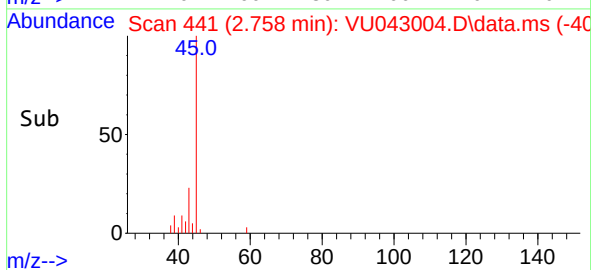
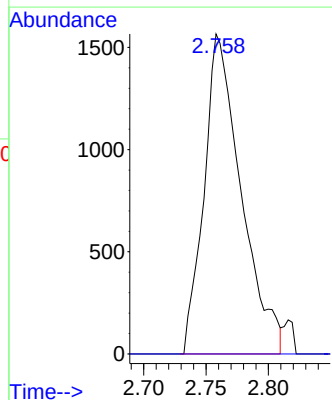
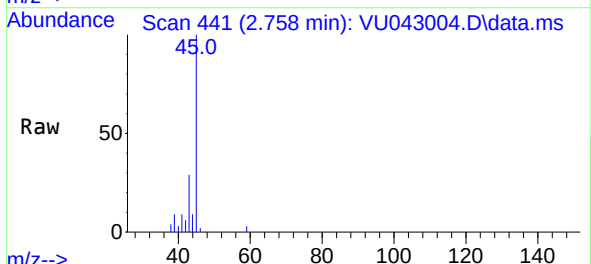
Instrument :
MSVOA_U
ClientSampleId :
TB-01-040721

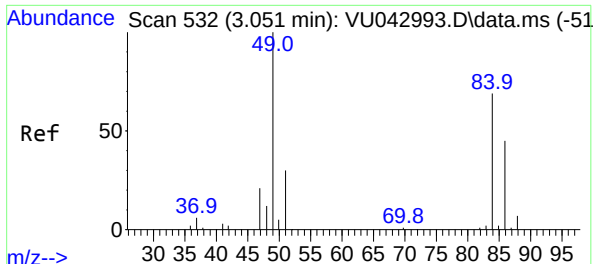
Tgt Ion: 43 Resp: 2956
Ion Ratio Lower Upper
43 100
58 25.4 21.4 32.0



#18
Methyl Acetate
Concen: 1.29 ug/l
RT: 2.758 min Scan# 441
Delta R.T. -0.193 min
Lab File: VU043004.D
Acq: 09 Apr 2021 15:55

Tgt Ion: 43 Resp: 3235
Ion Ratio Lower Upper
43 100
74 0.0 16.0 24.0#



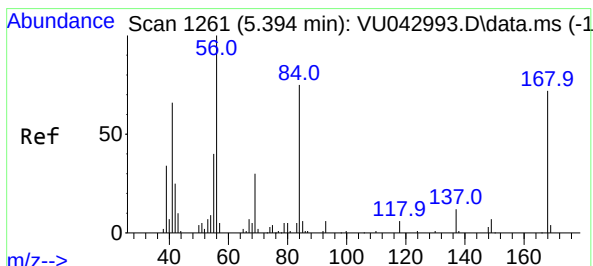
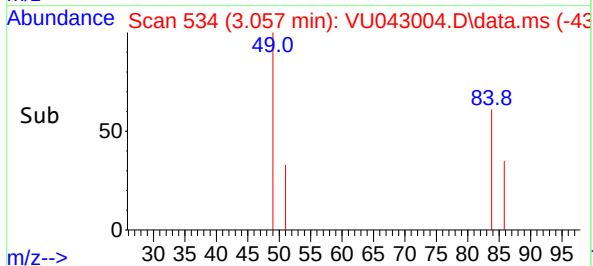
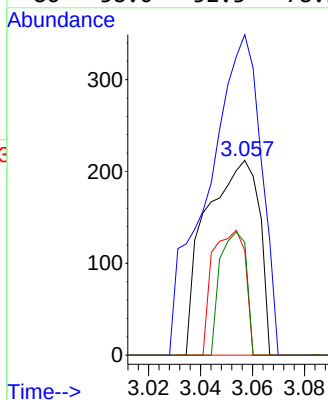
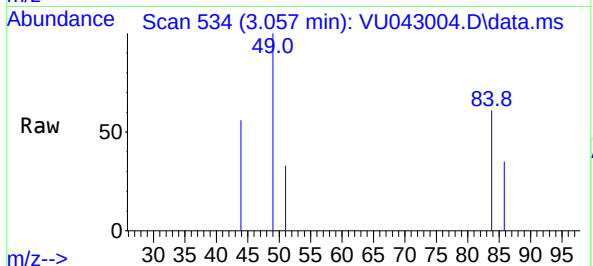


#20
Methylene Chloride
Concen: 0.21 ug/l
RT: 3.057 min Scan# 534
Delta R.T. 0.006 min
Lab File: VU043004.D
Acq: 09 Apr 2021 15:55

Instrument :
MSVOA_U
ClientSampled :
TB-01-040721

Tgt Ion: 84 Resp: 301

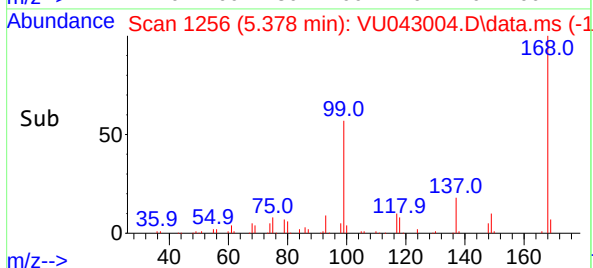
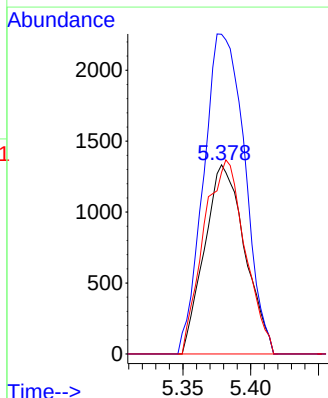
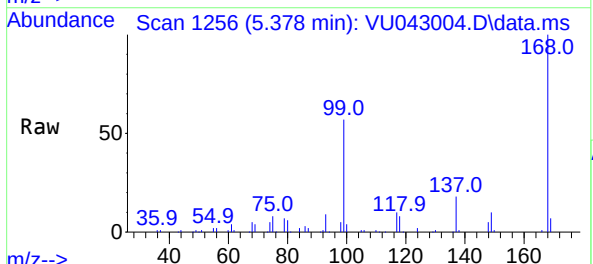
Ion	Ratio	Lower	Upper
84	100		
49	164.6	116.1	174.1
51	53.8	35.1	52.7#
86	58.0	52.3	78.5

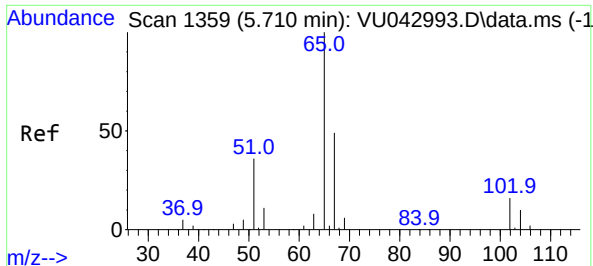


#31
Cyclohexane
Concen: 1.17 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.016 min
Lab File: VU043004.D
Acq: 09 Apr 2021 15:55

Tgt Ion: 56 Resp: 2756

Ion	Ratio	Lower	Upper
56	100		
69	169.1	23.9	35.9#
84	96.0	59.8	89.6#



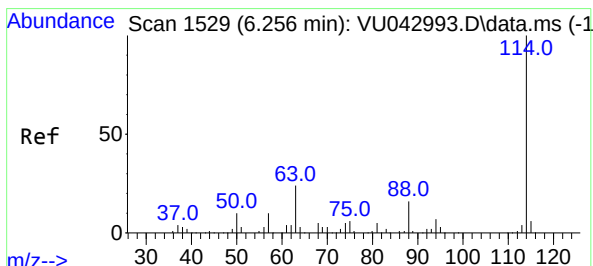
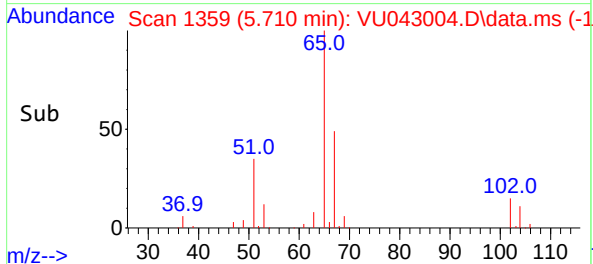
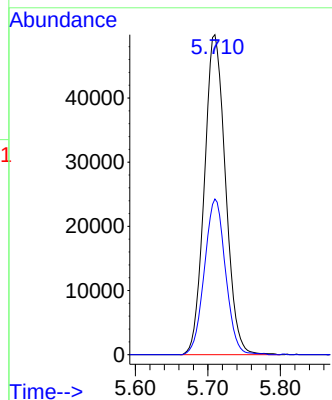
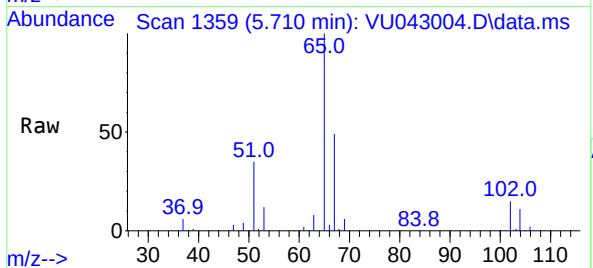


#33

1,2-Dichloroethane-d4
Concen: 51.55 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. 0.000 min
Lab File: VU043004.D
Acq: 09 Apr 2021 15:55

Instrument :
MSVOA_U
ClientSampled :
TB-01-040721

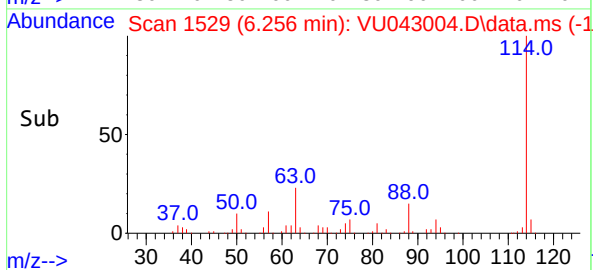
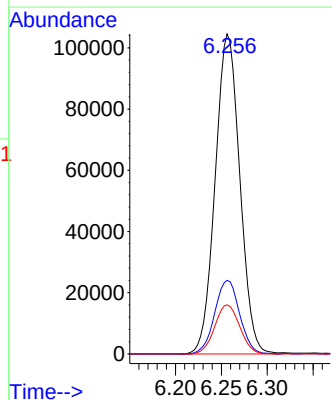
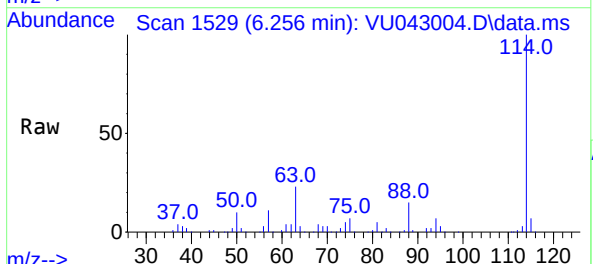
Tgt Ion: 65 Resp: 100918
Ion Ratio Lower Upper
65 100
67 48.6 0.0 98.6

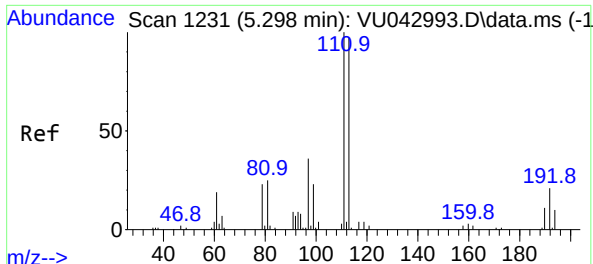


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. 0.000 min
Lab File: VU043004.D
Acq: 09 Apr 2021 15:55

Tgt Ion: 114 Resp: 195066
Ion Ratio Lower Upper
114 100
63 23.0 0.0 48.0
88 15.4 0.0 32.6



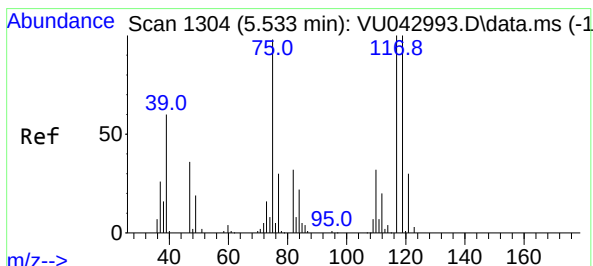
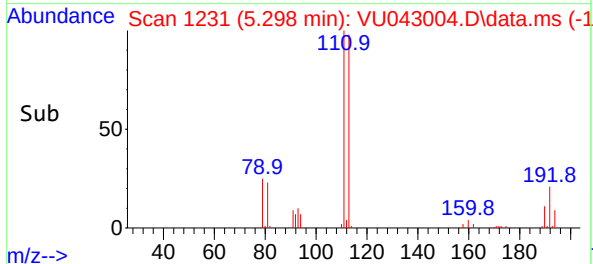
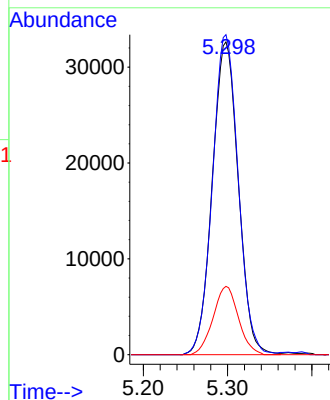
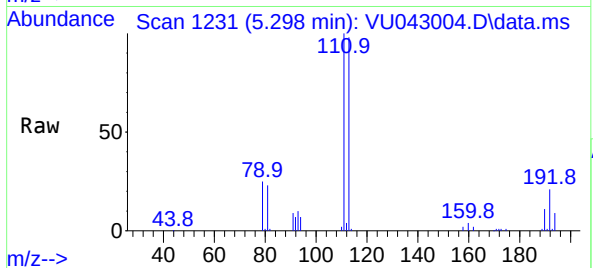


#35
Dibromofluoromethane
Concen: 49.03 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU043004.D
Acq: 09 Apr 2021 15:55

Instrument :
MSVOA_U
ClientSampleId :
TB-01-040721

Tgt Ion:113 Resp: 69840

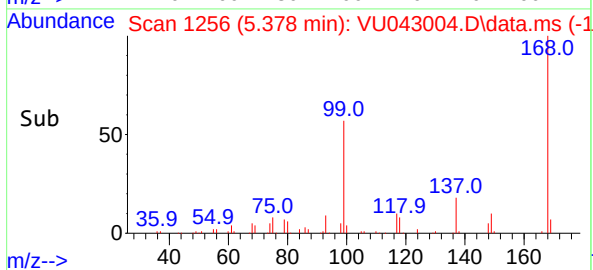
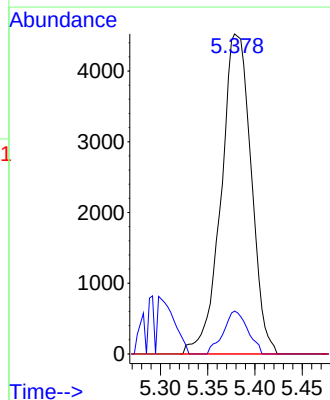
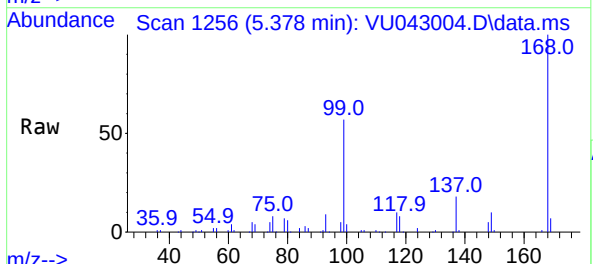
Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.7	122.5
192	21.3	17.1	25.7

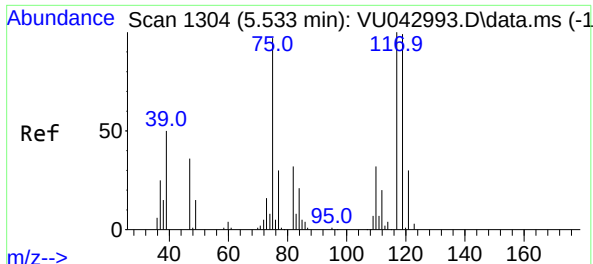


#36
1,1-Dichloropropene
Concen: 5.21 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.154 min
Lab File: VU043004.D
Acq: 09 Apr 2021 15:55

Tgt Ion: 75 Resp: 9987

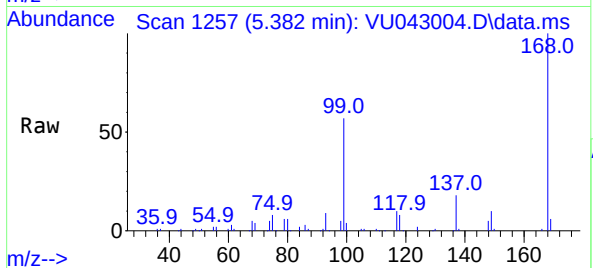
Ion	Ratio	Lower	Upper
75	100		
110	10.8	16.3	48.8#
77	0.0	23.8	35.6#



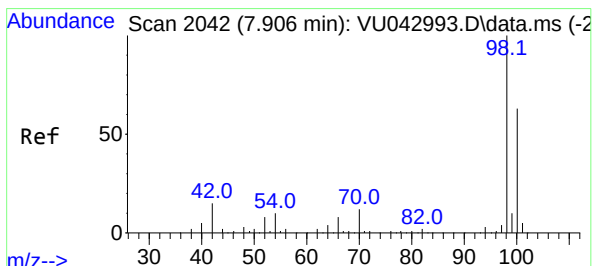
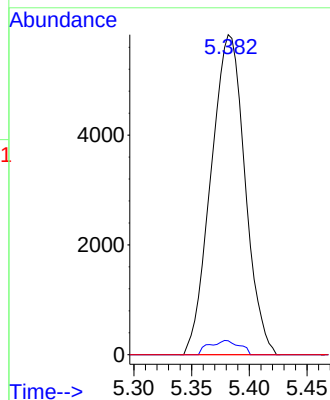
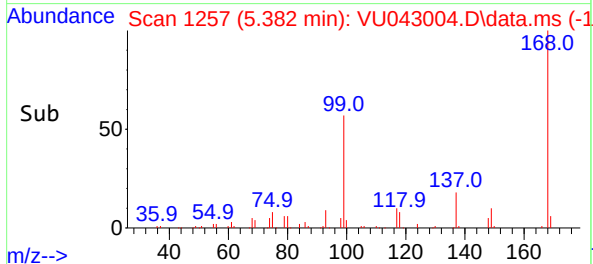


#38
Carbon Tetrachloride
Concen: 5.67 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU043004.D
Acq: 09 Apr 2021 15:55

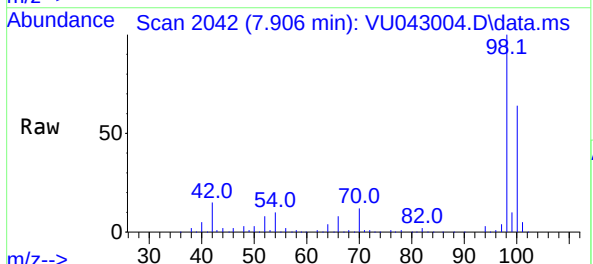
Instrument :
MSVOA_U
ClientSampleId :
TB-01-040721



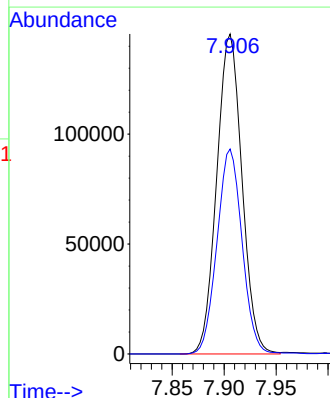
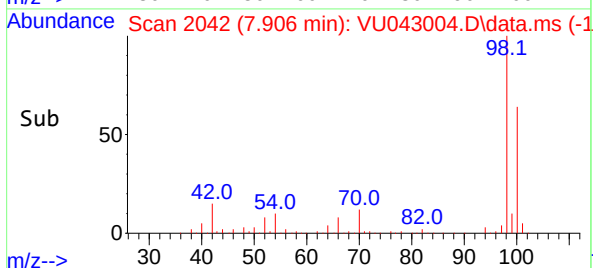
Tgt Ion:117 Resp: 11953
Ion Ratio Lower Upper
117 100
119 4.4 79.6 119.4#
121 0.0 24.1 36.1#

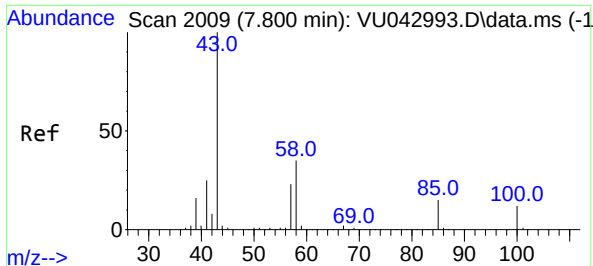


#50
Toluene-d8
Concen: 48.03 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. 0.000 min
Lab File: VU043004.D
Acq: 09 Apr 2021 15:55



Tgt Ion: 98 Resp: 246486
Ion Ratio Lower Upper
98 100
100 63.5 49.9 74.9

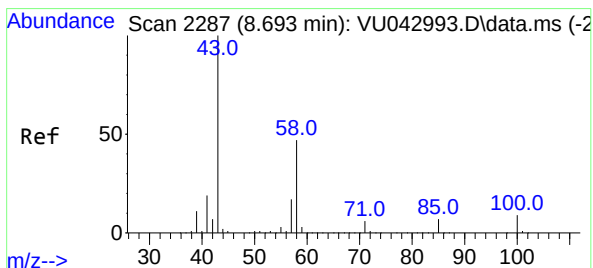
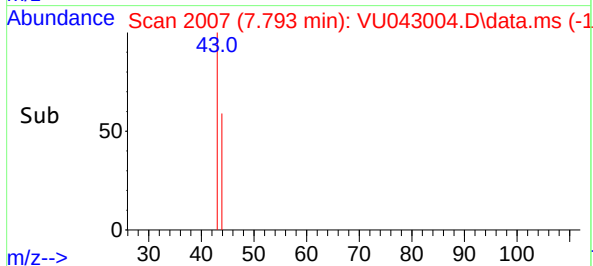
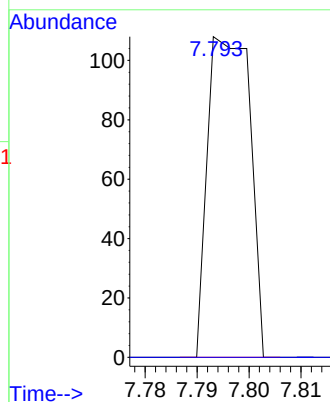
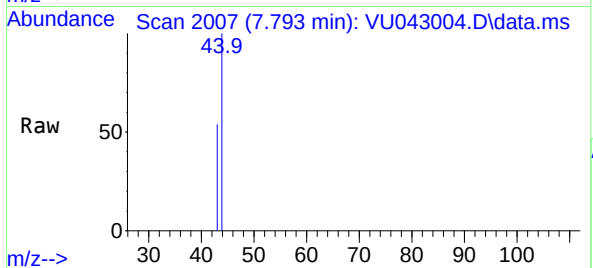




#51
4-Methyl-2-Pentanone
Concen: 9.61 ug/l
RT: 7.793 min Scan# 2007
Delta R.T. -0.007 min
Lab File: VU043004.D
Acq: 09 Apr 2021 15:55

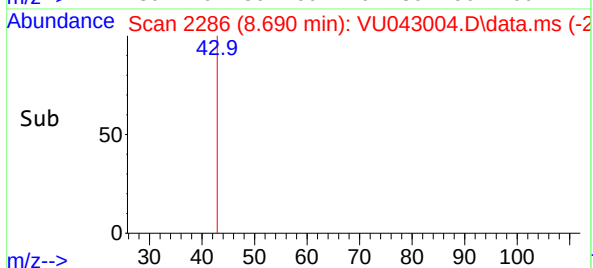
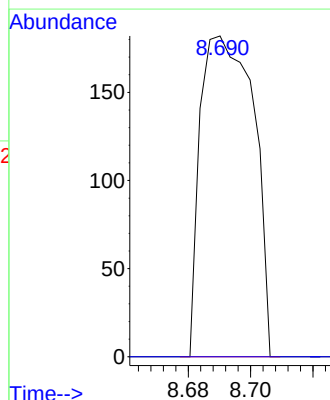
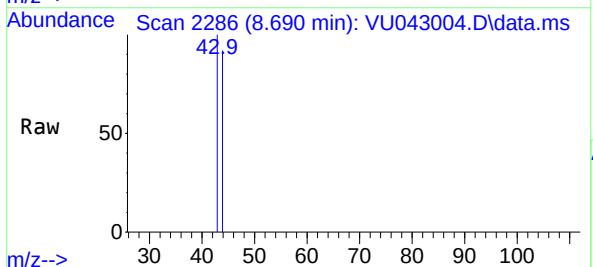
Instrument :
MSVOA_U
ClientSampleId :
TB-01-040721

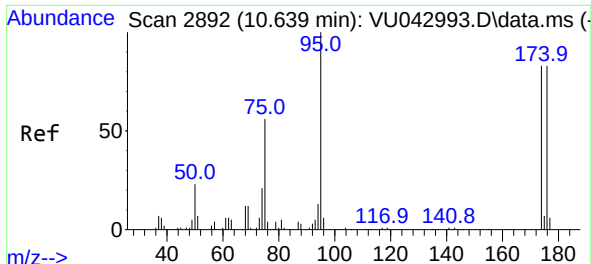
Tgt Ion: 43 Resp: 61
Ion Ratio Lower Upper
43 100
58 0.0 27.7 41.5#



#59
2-Hexanone
Concen: 8.04 ug/l
RT: 8.690 min Scan# 2286
Delta R.T. -0.003 min
Lab File: VU043004.D
Acq: 09 Apr 2021 15:55

Tgt Ion: 43 Resp: 215
Ion Ratio Lower Upper
43 100
58 0.0 23.7 71.1#

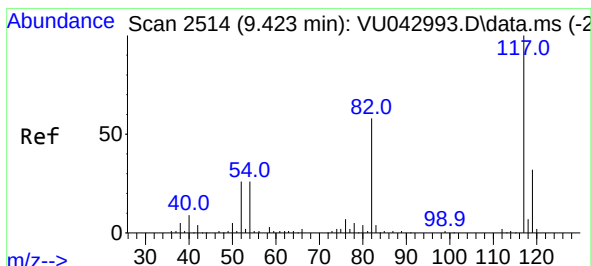
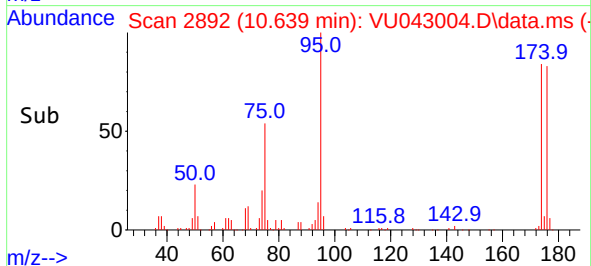
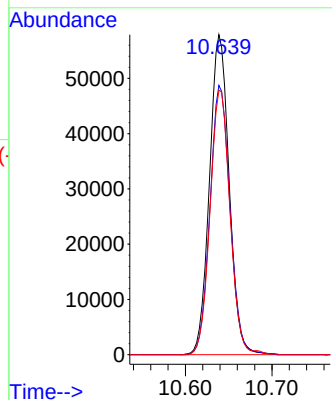
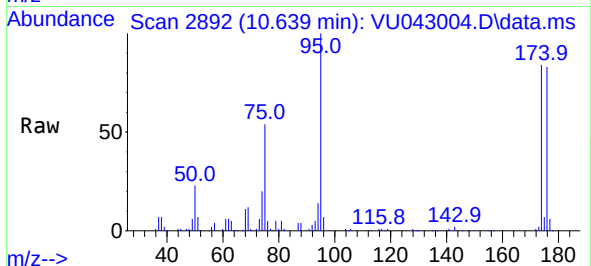




#62
4-Bromofluorobenzene
Concen: 43.58 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.000 min
Lab File: VU043004.D
Acq: 09 Apr 2021 15:55

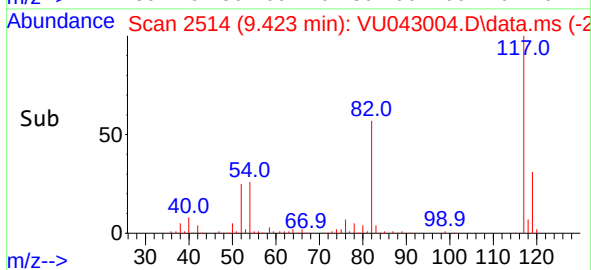
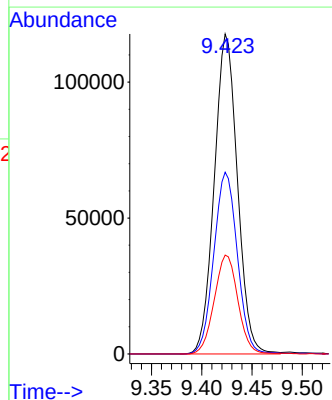
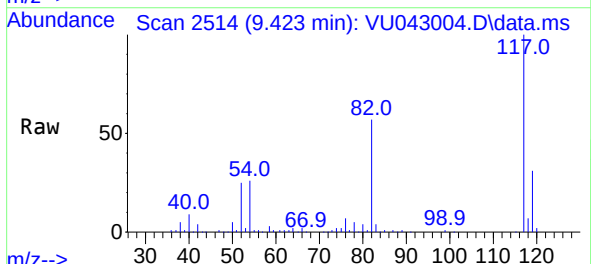
Instrument :
MSVOA_U
ClientSampleId :
TB-01-040721

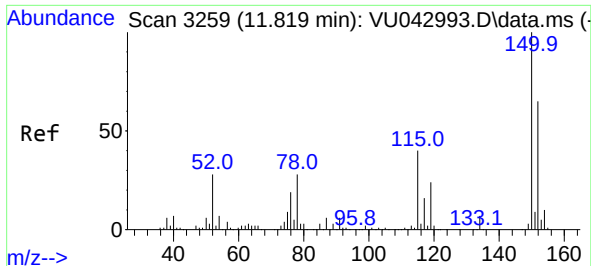
Tgt Ion:	95	Resp:	91351
Ion Ratio	Lower	Upper	
95	100		
174	86.2	0.0	168.8
176	83.9	0.0	164.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043004.D
Acq: 09 Apr 2021 15:55

Tgt Ion:	117	Resp:	188528
Ion Ratio	Lower	Upper	
117	100		
82	56.8	46.5	69.7
119	30.9	25.7	38.5

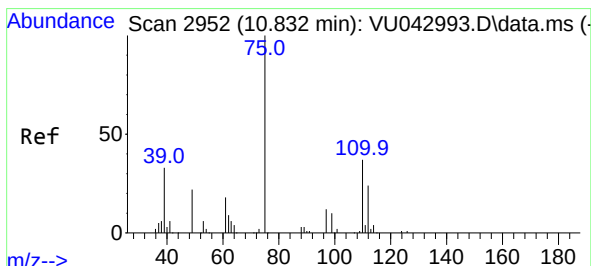
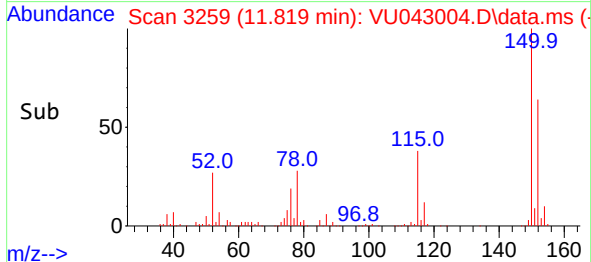
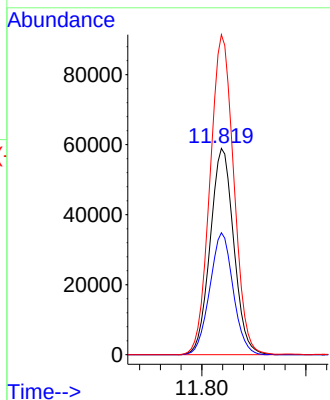
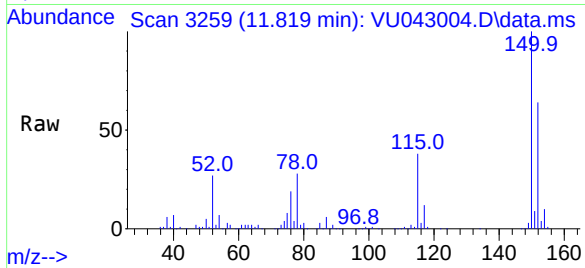




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU043004.D
Acq: 09 Apr 2021 15:55

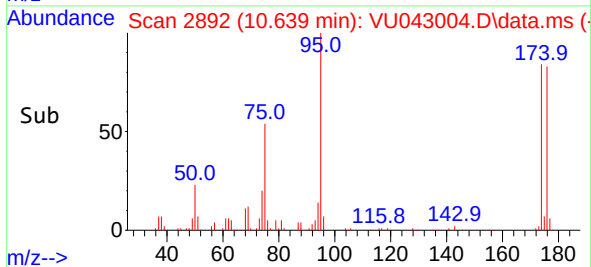
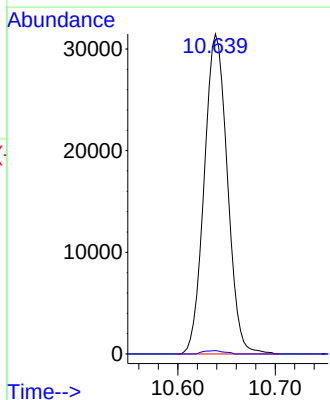
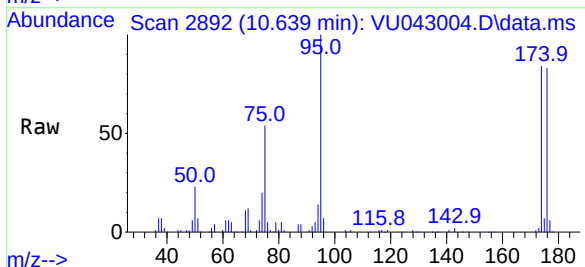
Instrument :
MSVOA_U
ClientSampleId :
TB-01-040721

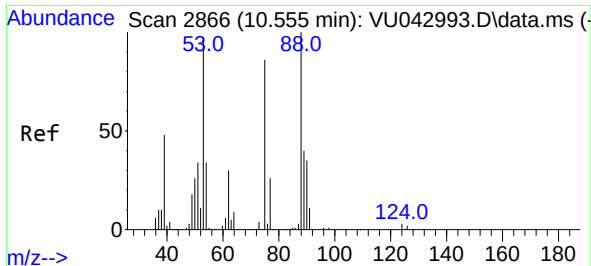
Tgt Ion:152 Resp: 92934
Ion Ratio Lower Upper
152 100
115 58.4 42.8 128.3
150 156.4 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 19.59 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.193 min
Lab File: VU043004.D
Acq: 09 Apr 2021 15:55

Tgt Ion: 75 Resp: 51921
Ion Ratio Lower Upper
75 100
77 0.9 18.2 54.6#

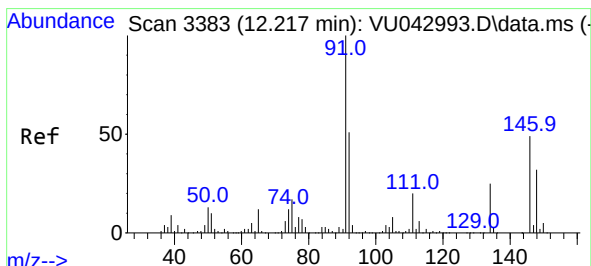
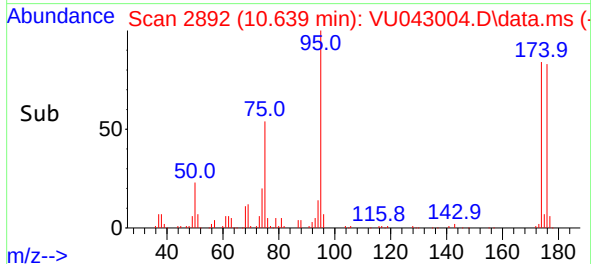
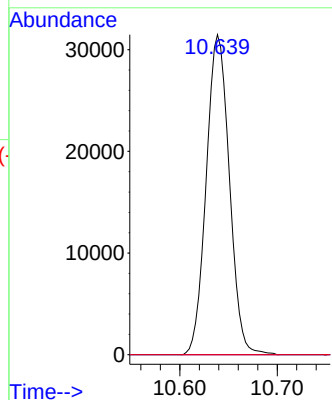
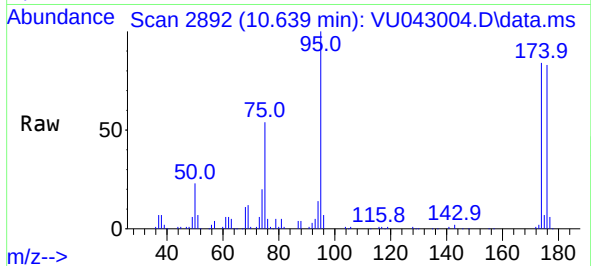




#81
trans-1,4-Dichloro-2-butene
Concen: 54.52 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.084 min
Lab File: VU043004.D
Acq: 09 Apr 2021 15:55

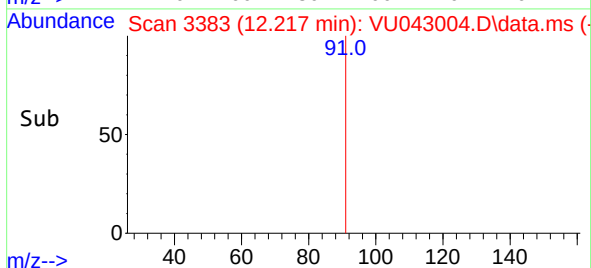
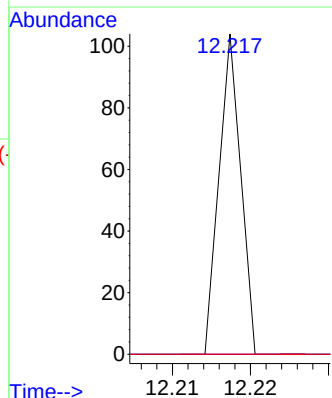
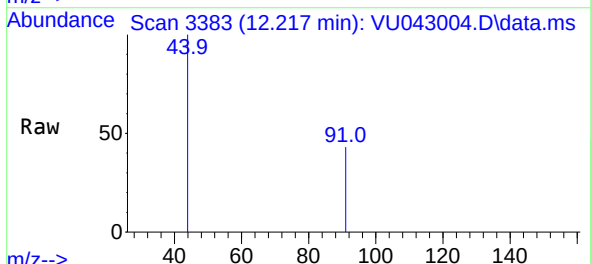
Instrument :
MSVOA_U
ClientSampleId :
TB-01-040721

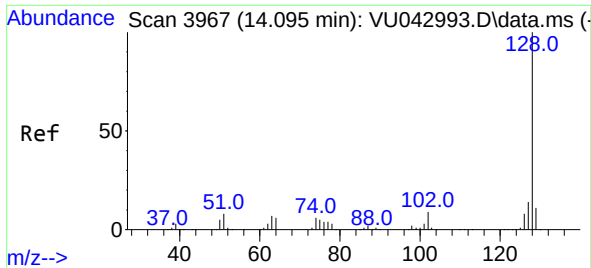
Tgt Ion: 75 Resp: 51921
Ion Ratio Lower Upper
75 100
53 0.0 91.1 136.7#
89 0.0 37.1 55.7#



#89
n-Butylbenzene
Concen: 1.70 ug/l
RT: 12.217 min Scan# 3383
Delta R.T. 0.000 min
Lab File: VU043004.D
Acq: 09 Apr 2021 15:55

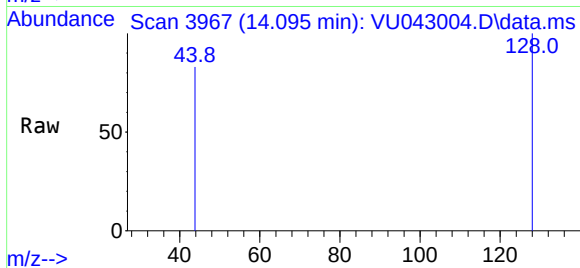
Tgt Ion: 91 Resp: 20
Ion Ratio Lower Upper
91 100
92 0.0 25.7 77.1#
134 0.0 12.2 36.4#





#95
Naphthalene
Concen: 3.28 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.000 min
Lab File: VU043004.D
Acq: 09 Apr 2021 15:55

Instrument :
MSVOA_U
ClientSampleId :
TB-01-040721



Tgt Ion:128 Resp: 520
Ion Ratio Lower Upper
128 100
127 0.0 11.0 16.4#
129 0.0 8.7 13.1#

