

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060721\
 Data File : VU044082.D
 Acq On : 08 Jun 2021 01:44
 Operator : SY/MD
 Sample : M2580-29
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 18-B4(4-6)

Quant Time: Jun 08 05:48:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U060721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 08 05:21:34 2021
 Response via : Initial Calibration

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

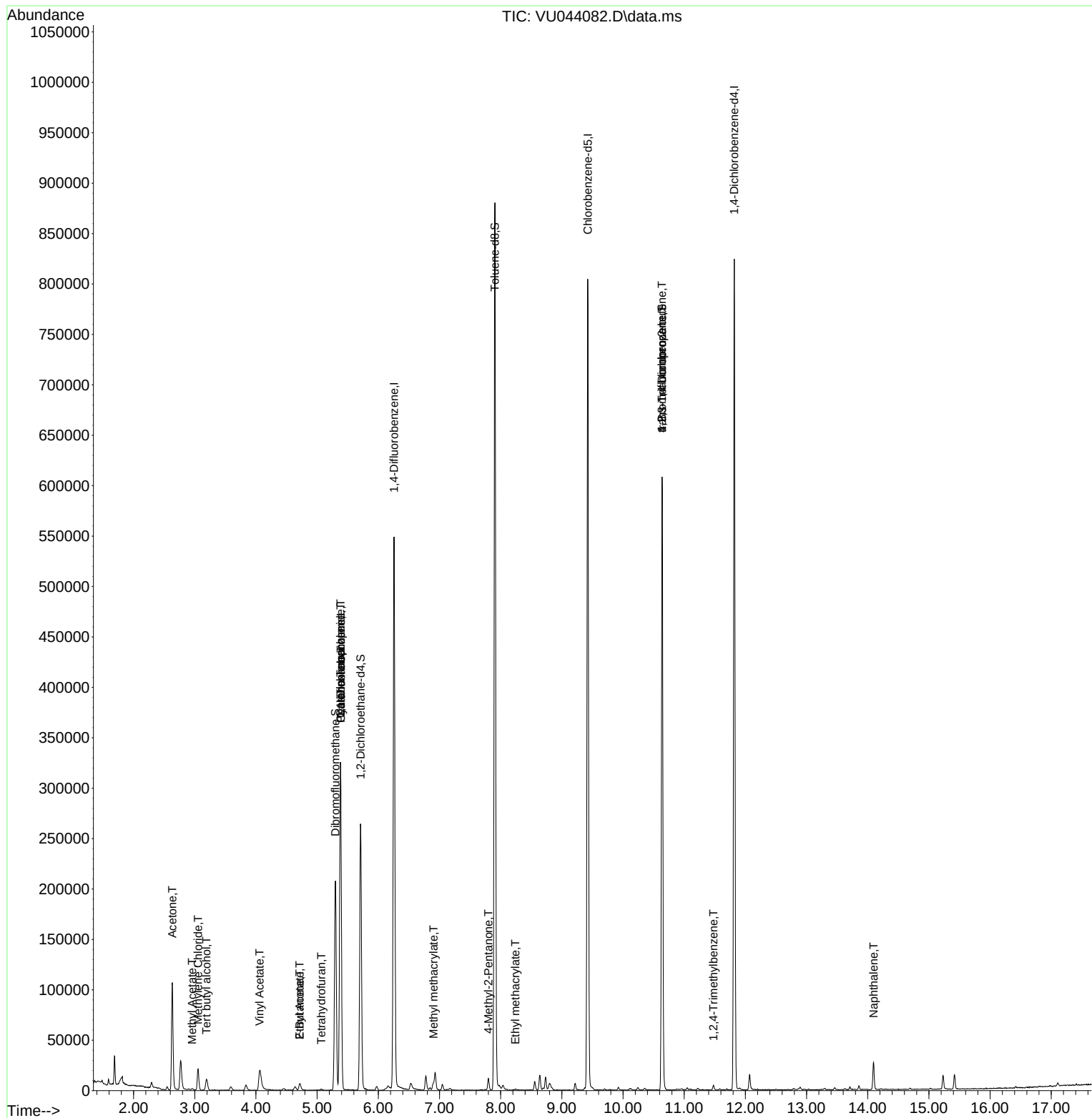
Internal Standards						
1) Pentafluorobenzene	5.385	168	207739	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	415855	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	421700	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	202018	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	191886	53.038	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.080%	
35) Dibromofluoromethane	5.298	113	135719	45.733	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.460%	
50) Toluene-d8	7.906	98	560795	48.992	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.980%	
62) 4-Bromofluorobenzene	10.639	95	206076	45.471	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.940%	
Target Compounds					Qvalue	
11) Tert butyl alcohol	3.192	59	7636	8.513	ug/l #	72
16) Acetone	2.633	43	115039	55.093	ug/l	99
18) Methyl Acetate	2.957	43	1487	0.323	ug/l	91
20) Methylene Chloride	3.054	84	9963	1.535	ug/l	95
23) Vinyl Acetate	4.060	43	3638	0.434	ug/l #	73
25) 2-Butanone	4.713	43	10527	3.533	ug/l	99
29) Tetrahydrofuran	5.070	42	780	0.472	ug/l #	60
31) Cyclohexane	5.385	56	5150	1.031	ug/l #	1
36) 1,1-Dichloropropene	5.382	75	19700	4.205	ug/l #	50
37) Ethyl Acetate	4.713	43	10527	1.784	ug/l #	68
38) Carbon Tetrachloride	5.382	117	22576	5.333	ug/l #	16
48) Methyl methacrylate	6.903	41	8937	2.172	ug/l #	17
51) 4-Methyl-2-Pentanone	7.800	43	7751	1.251	ug/l	94
56) Ethyl methacrylate	8.240	69	109	3.402	ug/l #	1
76) 1,2,3-Trichloropropane	10.639	75	107457	19.015	ug/l #	43
81) trans-1,4-Dichloro-2-b...	10.639	75	107457	55.522	ug/l #	11
84) 1,2,4-Trimethylbenzene	11.478	105	1916	1.093	ug/l #	60
95) Naphthalene	14.095	128	22136	4.361	ug/l	97

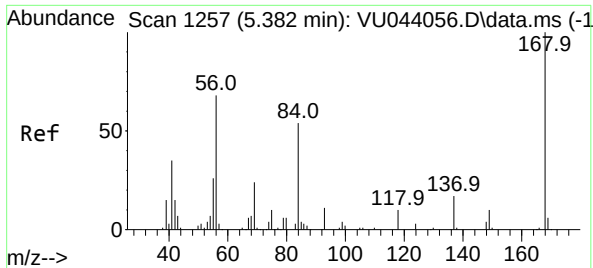
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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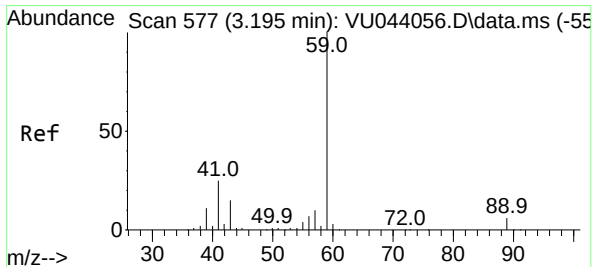
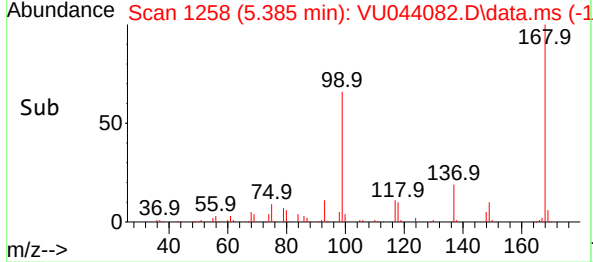
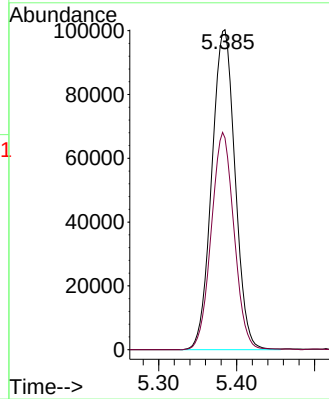
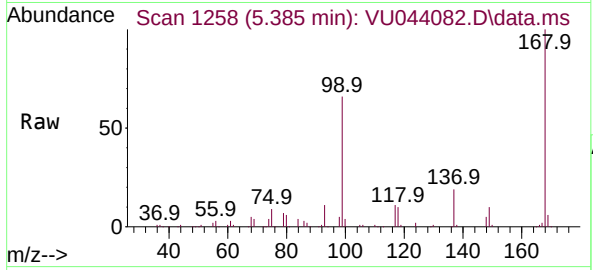




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. 0.003 min
Lab File: VU044082.D
Acq: 08 Jun 2021 01:44

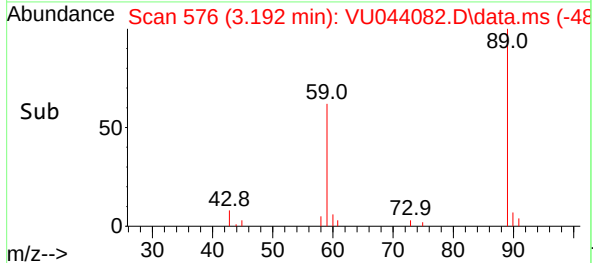
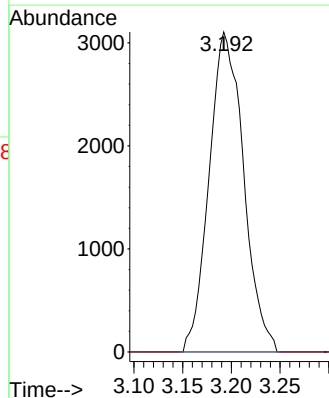
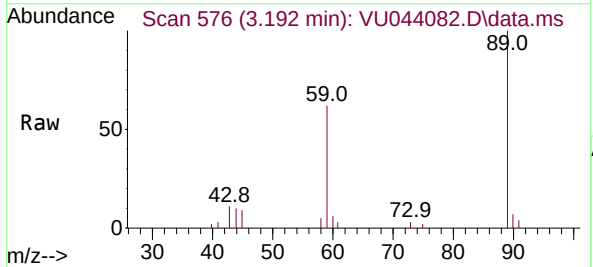
Instrument :
MSVOA_U
ClientSampleId :
18-B4(4-6)

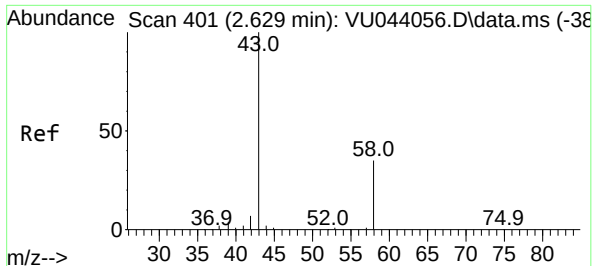
Tgt Ion:168 Resp: 207739
Ion Ratio Lower Upper
168 100
99 66.1 52.6 78.8



#11
Tert butyl alcohol
Concen: 8.513 ug/l
RT: 3.192 min Scan# 576
Delta R.T. -0.003 min
Lab File: VU044082.D
Acq: 08 Jun 2021 01:44

Tgt Ion: 59 Resp: 7636
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

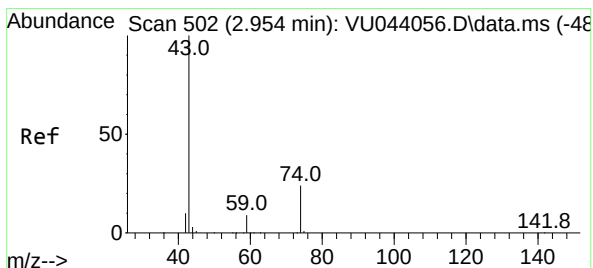
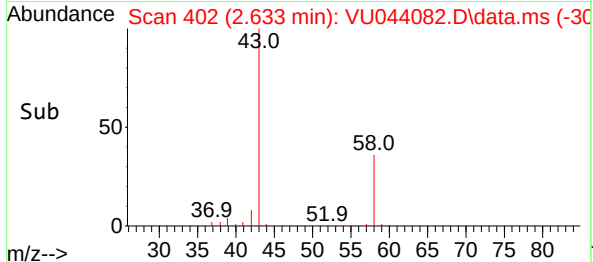
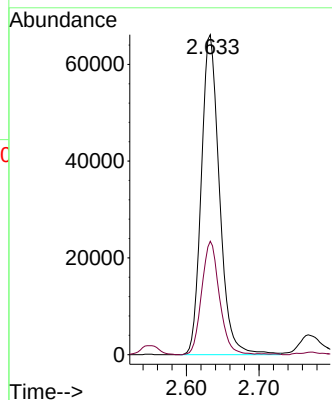
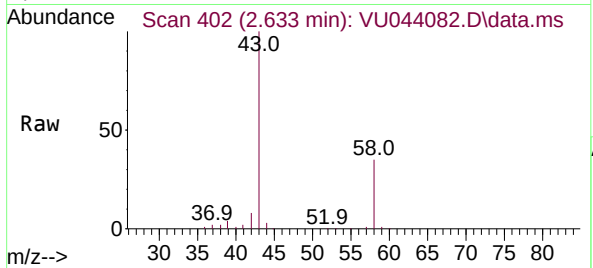




#16
Acetone
Concen: 55.093 ug/l
RT: 2.633 min Scan# 402
Delta R.T. 0.003 min
Lab File: VU044082.D
Acq: 08 Jun 2021 01:44

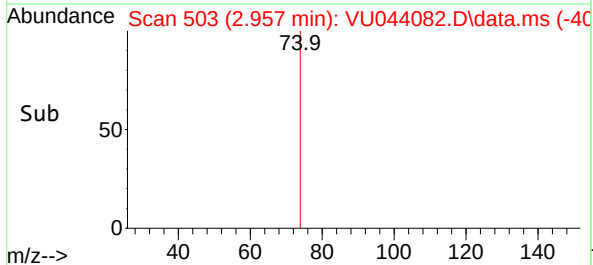
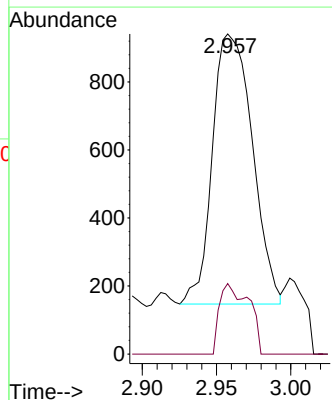
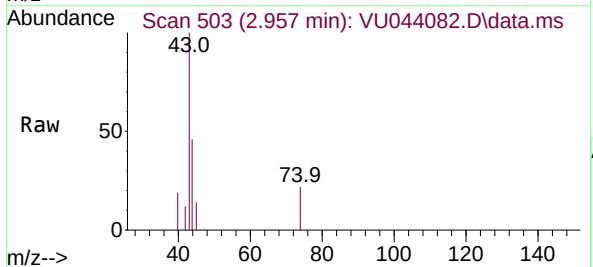
Instrument :
MSVOA_U
ClientSampled :
18-B4(4-6)

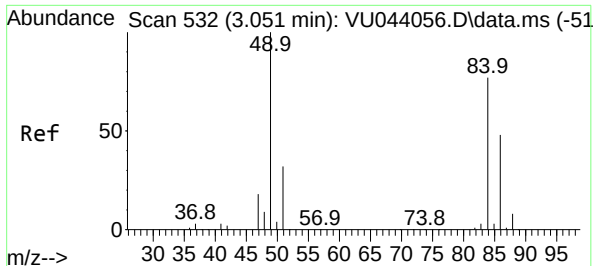
Tgt Ion: 43 Resp: 115039
Ion Ratio Lower Upper
43 100
58 35.5 27.7 41.5



#18
Methyl Acetate
Concen: 0.323 ug/l
RT: 2.957 min Scan# 503
Delta R.T. 0.003 min
Lab File: VU044082.D
Acq: 08 Jun 2021 01:44

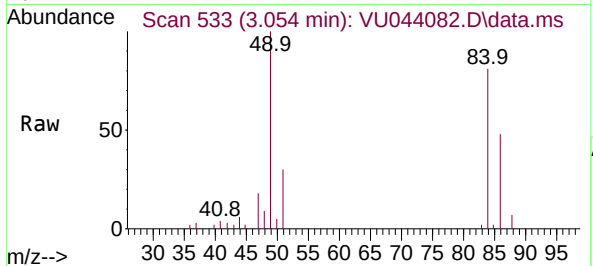
Tgt Ion: 43 Resp: 1487
Ion Ratio Lower Upper
43 100
74 19.0 18.7 28.1



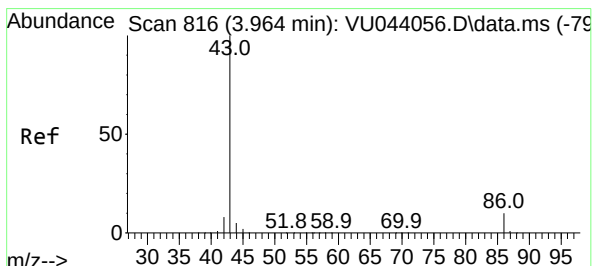
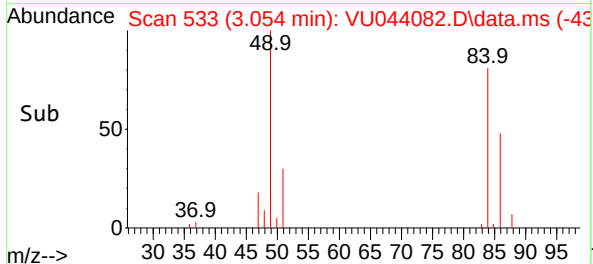
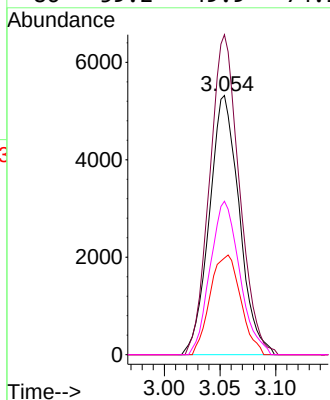


#20
Methylene Chloride
Concen: 1.535 ug/l
RT: 3.054 min Scan# 533
Delta R.T. 0.003 min
Lab File: VU044082.D
Acq: 08 Jun 2021 01:44

Instrument :
MSVOA_U
ClientSampleId :
18-B4(4-6)

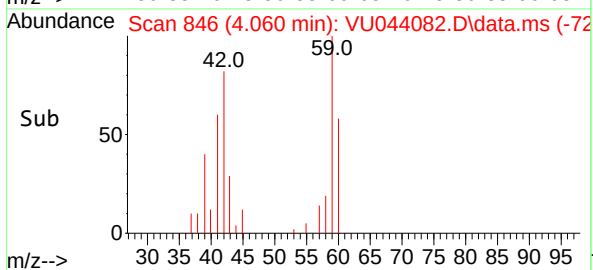
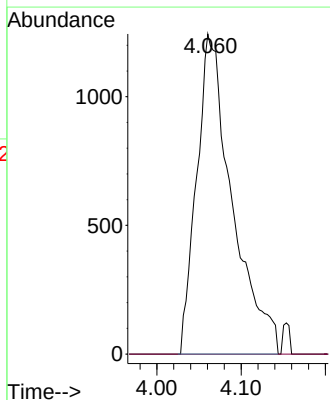
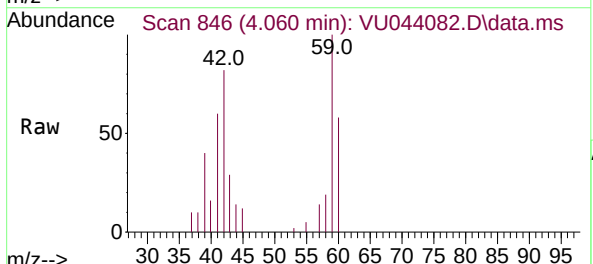


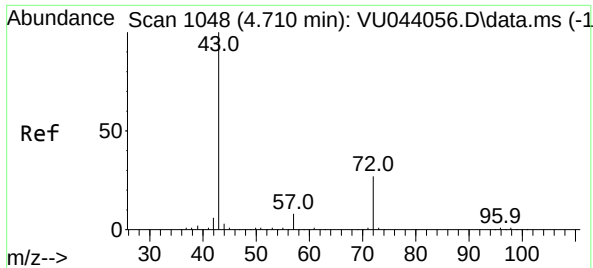
Tgt Ion:	84	Resp:	9963
Ion	Ratio	Lower	Upper
84	100		
49	123.5	103.6	155.4
51	37.3	32.8	49.2
86	59.2	49.9	74.9



#23
Vinyl Acetate
Concen: 0.434 ug/l
RT: 4.060 min Scan# 846
Delta R.T. 0.097 min
Lab File: VU044082.D
Acq: 08 Jun 2021 01:44

Tgt Ion:	43	Resp:	3638
Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.2	12.2#

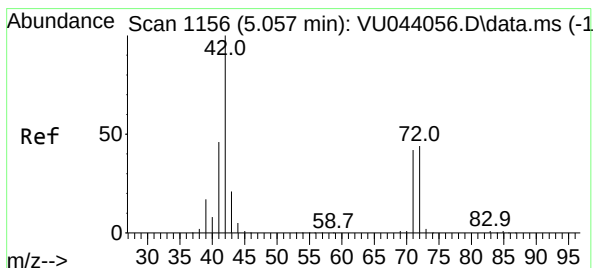
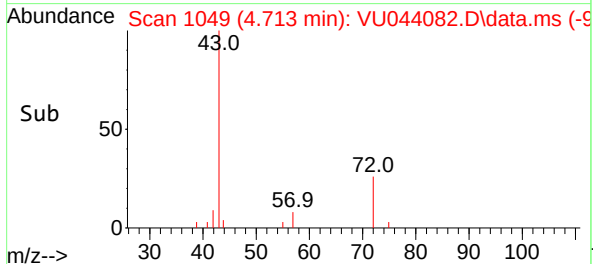
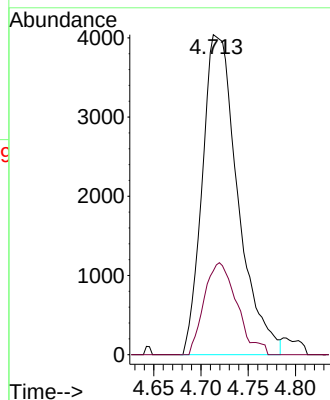
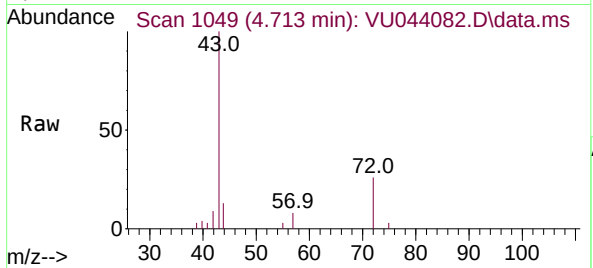




#25
2-Butanone
Concen: 3.533 ug/l
RT: 4.713 min Scan# 1049
Delta R.T. 0.003 min
Lab File: VU044082.D
Acq: 08 Jun 2021 01:44

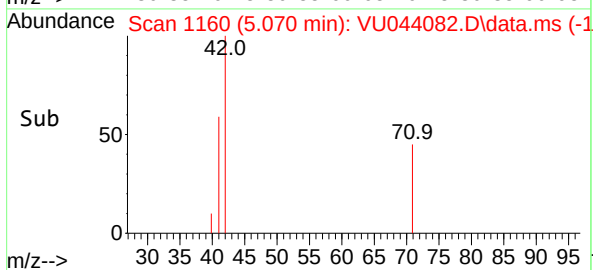
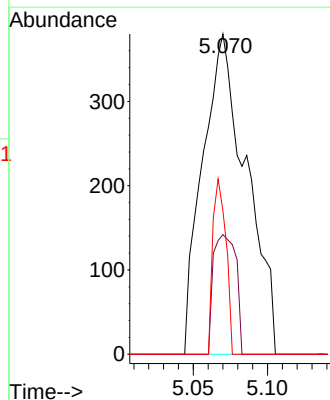
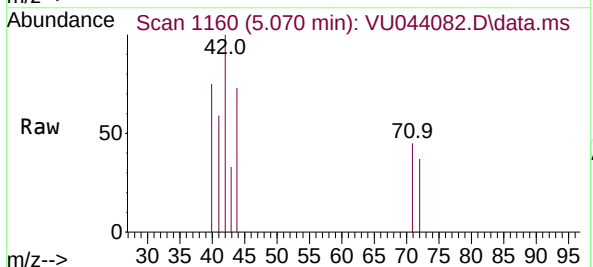
Instrument :
MSVOA_U
ClientSampled :
18-B4(4-6)

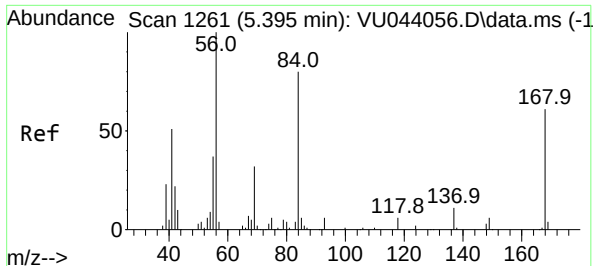
Tgt Ion: 43 Resp: 10527
Ion Ratio Lower Upper
43 100
72 26.2 21.4 32.2



#29
Tetrahydrofuran
Concen: 0.472 ug/l
RT: 5.070 min Scan# 1160
Delta R.T. 0.013 min
Lab File: VU044082.D
Acq: 08 Jun 2021 01:44

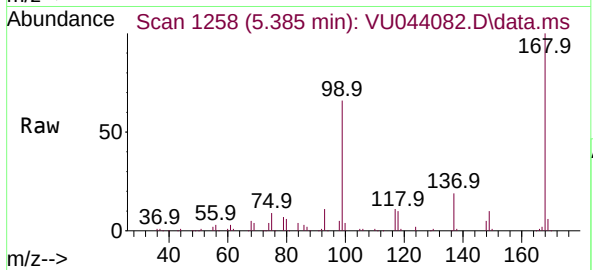
Tgt Ion: 42 Resp: 780
Ion Ratio Lower Upper
42 100
72 19.2 35.6 53.4#
71 16.3 33.3 49.9#



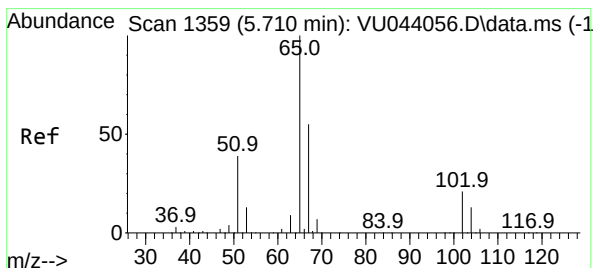
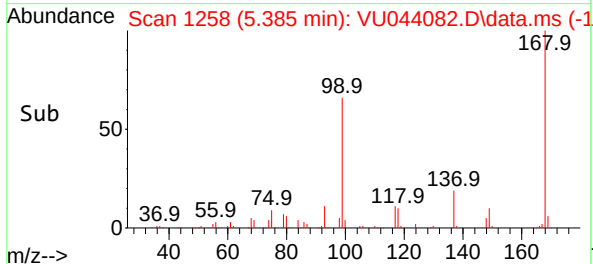
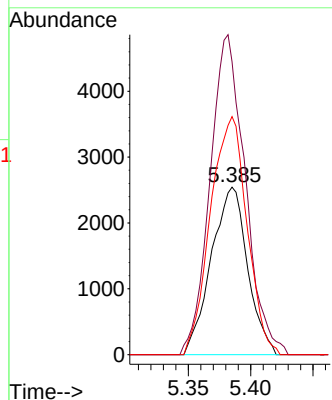


#31
Cyclohexane
Concen: 1.031 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. -0.010 min
Lab File: VU044082.D
Acq: 08 Jun 2021 01:44

Instrument :
MSVOA_U
ClientSampled :
18-B4(4-6)

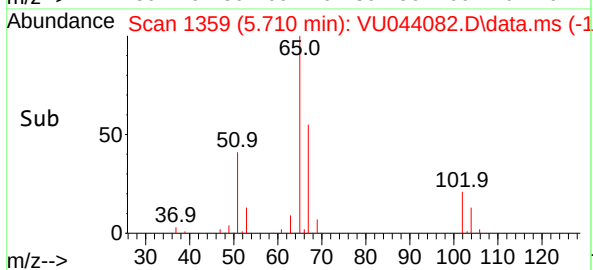
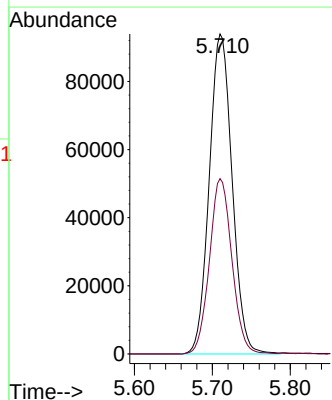
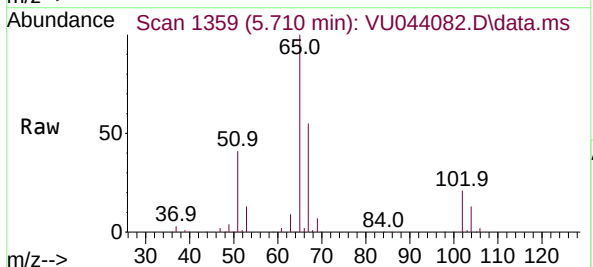


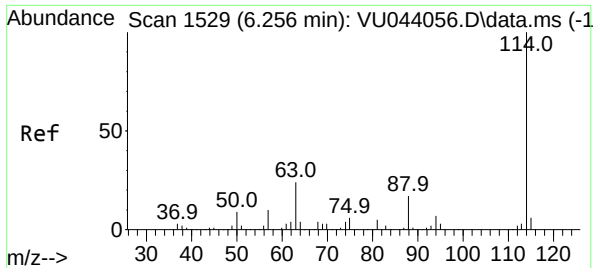
Tgt Ion: 56 Resp: 5150
Ion Ratio Lower Upper
56 100
69 174.8 25.4 38.2#
84 142.1 64.2 96.2#



#33
1,2-Dichloroethane-d4
Concen: 53.038 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. 0.000 min
Lab File: VU044082.D
Acq: 08 Jun 2021 01:44

Tgt Ion: 65 Resp: 191886
Ion Ratio Lower Upper
65 100
67 53.8 0.0 109.2

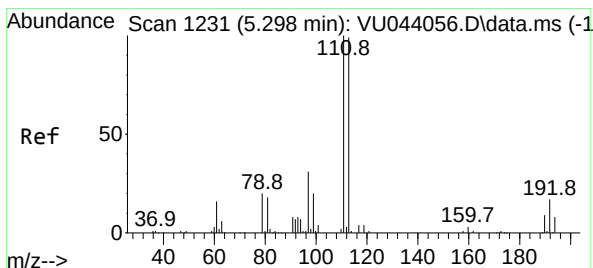
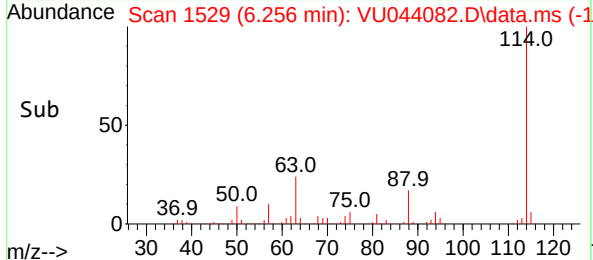
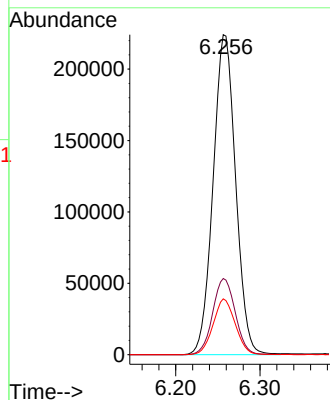
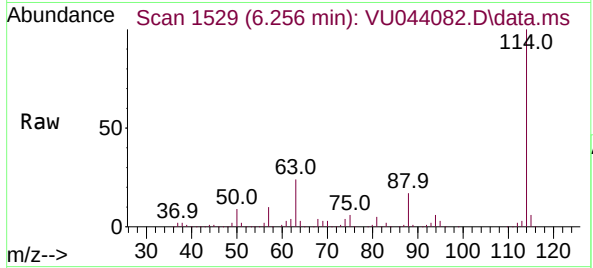




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. 0.000 min
Lab File: VU044082.D
Acq: 08 Jun 2021 01:44

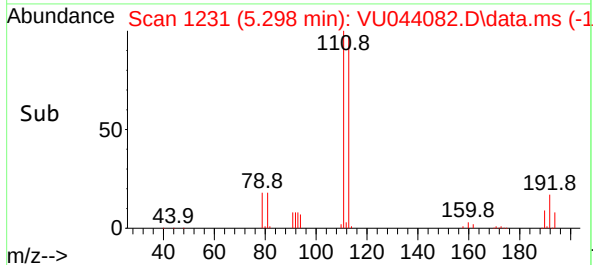
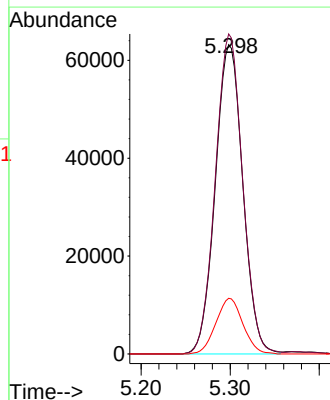
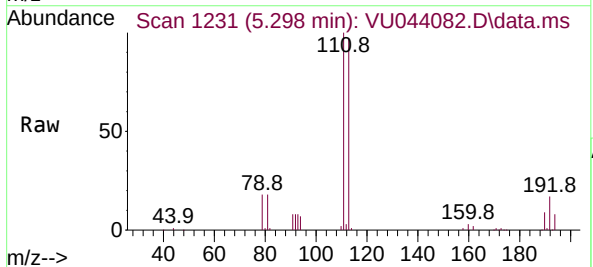
Instrument :
MSVOA_U
ClientSampled :
18-B4(4-6)

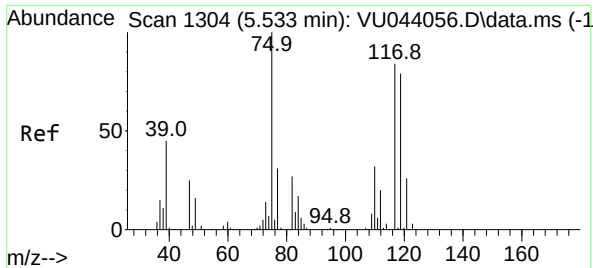
Tgt Ion:114 Resp: 415855
Ion Ratio Lower Upper
114 100
63 23.8 0.0 48.4
88 17.4 0.0 34.4



#35
Dibromofluoromethane
Concen: 45.733 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU044082.D
Acq: 08 Jun 2021 01:44

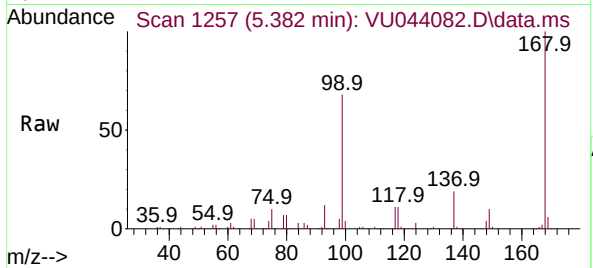
Tgt Ion:113 Resp: 135719
Ion Ratio Lower Upper
113 100
111 102.5 82.1 123.1
192 17.7 13.8 20.8



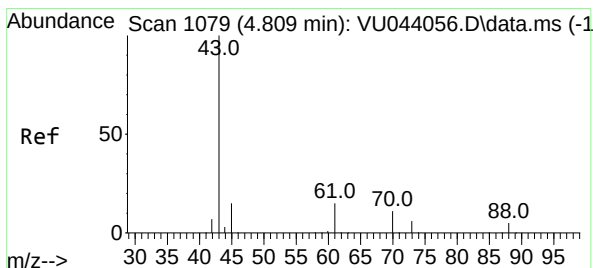
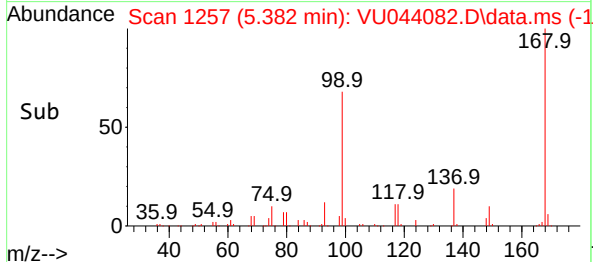
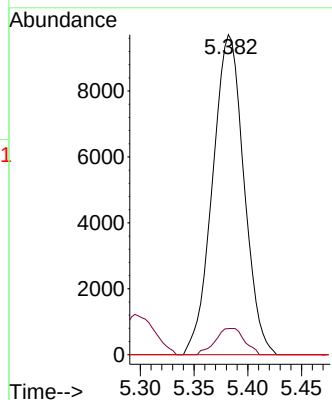


#36
1,1-Dichloropropene
Concen: 4.205 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU044082.D
Acq: 08 Jun 2021 01:44

Instrument :
MSVOA_U
ClientSampleId :
18-B4(4-6)

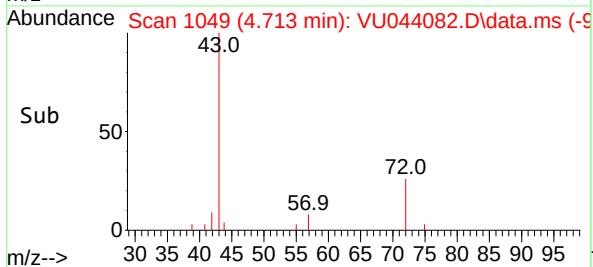
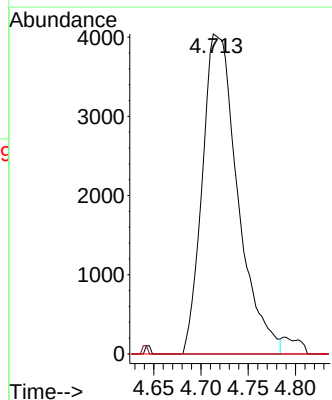
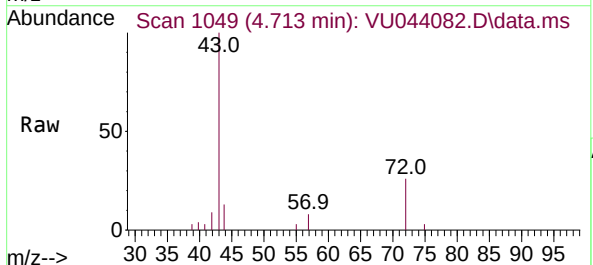


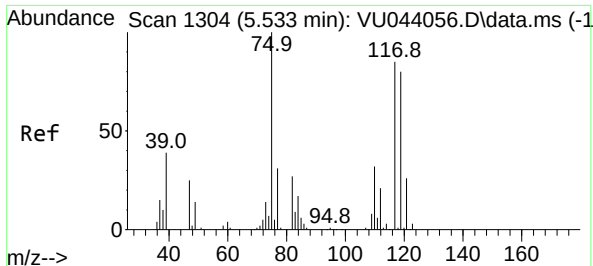
Tgt Ion: 75 Resp: 19700
Ion Ratio Lower Upper
75 100
110 7.6 15.9 47.7#
77 0.0 25.0 37.4#



#37
Ethyl Acetate
Concen: 1.784 ug/l
RT: 4.713 min Scan# 1049
Delta R.T. -0.096 min
Lab File: VU044082.D
Acq: 08 Jun 2021 01:44

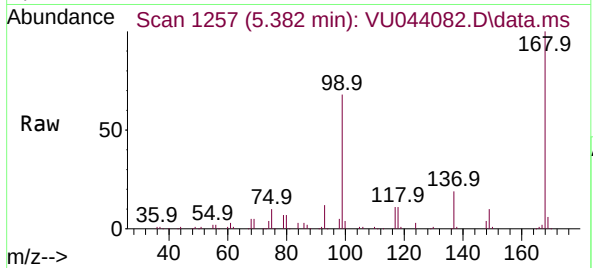
Tgt Ion: 43 Resp: 10527
Ion Ratio Lower Upper
43 100
61 0.0 11.4 17.2#
70 0.0 8.6 12.8#



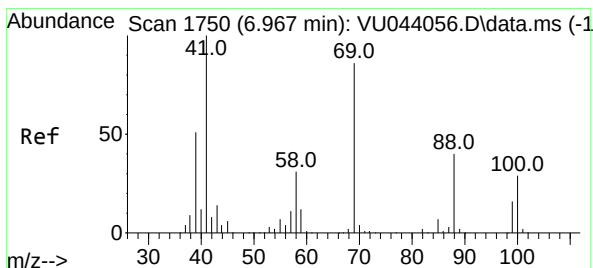
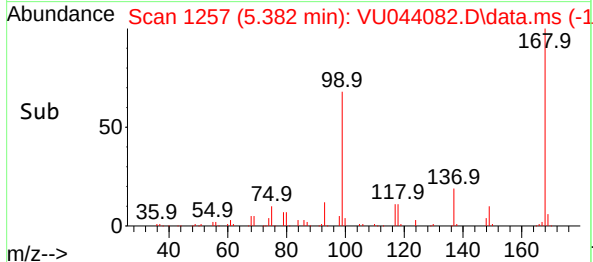
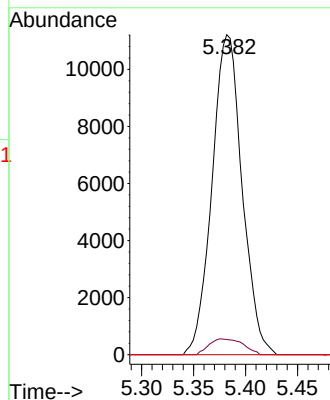


#38
Carbon Tetrachloride
Concen: 5.333 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU044082.D
Acq: 08 Jun 2021 01:44

Instrument :
MSVOA_U
ClientSampleId :
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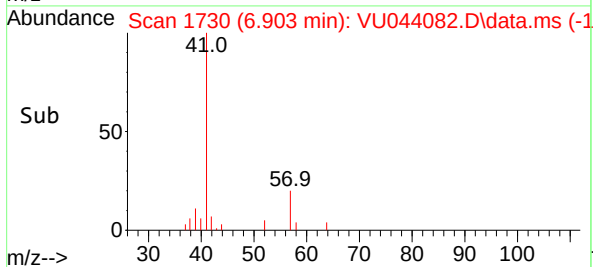
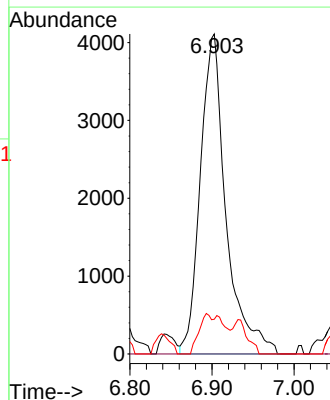
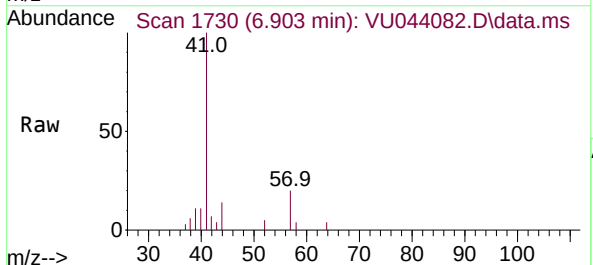


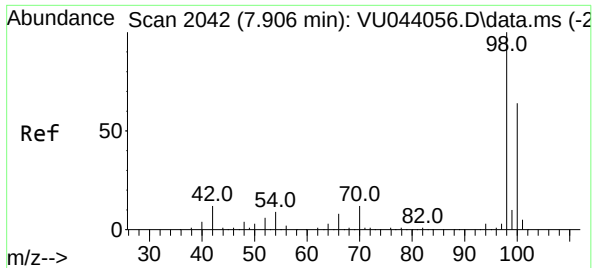
Tgt Ion:117 Resp: 22576
Ion Ratio Lower Upper
117 100
119 4.7 75.4 113.2#
121 0.0 24.5 36.7#



#48
Methyl methacrylate
Concen: 2.172 ug/l
RT: 6.903 min Scan# 1730
Delta R.T. -0.064 min
Lab File: VU044082.D
Acq: 08 Jun 2021 01:44

Tgt Ion: 41 Resp: 8937
Ion Ratio Lower Upper
41 100
69 0.0 68.9 103.3#
39 6.2 40.6 60.8#

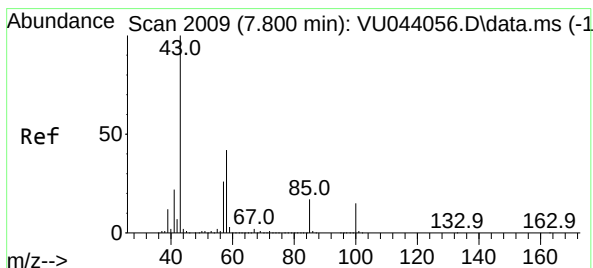
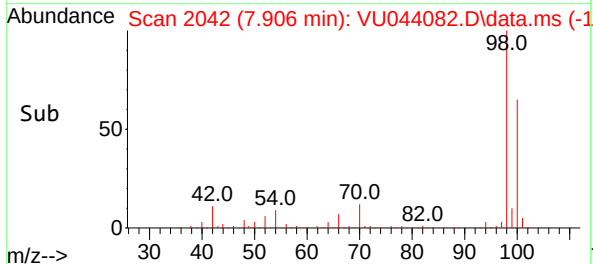
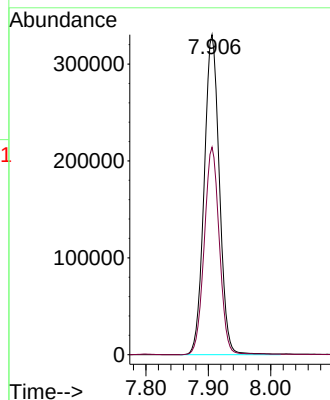
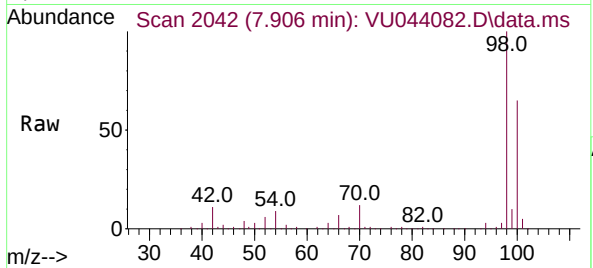




#50
Toluene-d8
Concen: 48.992 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. 0.000 min
Lab File: VU044082.D
Acq: 08 Jun 2021 01:44

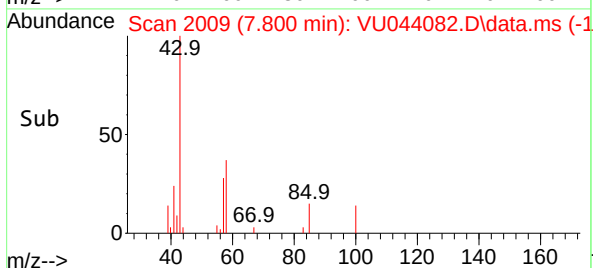
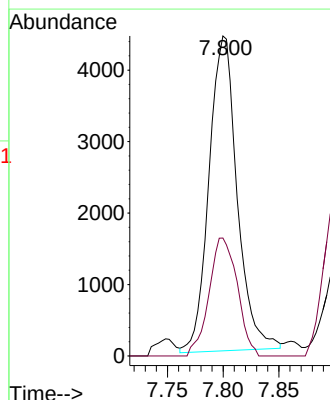
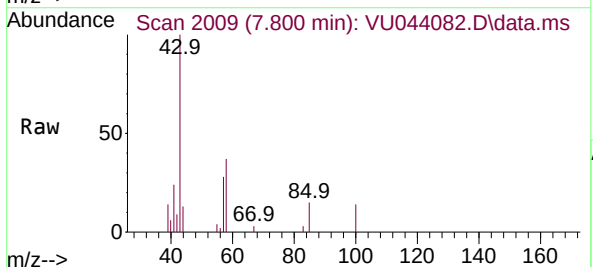
Instrument :
MSVOA_U
ClientSampled :
18-B4(4-6)

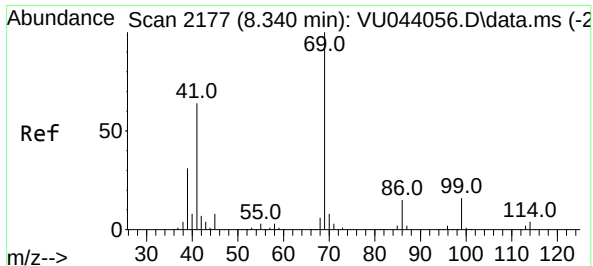
Tgt Ion: 98 Resp: 560795
Ion Ratio Lower Upper
98 100
100 64.5 51.6 77.4



#51
4-Methyl-2-Pentanone
Concen: 1.251 ug/l
RT: 7.800 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VU044082.D
Acq: 08 Jun 2021 01:44

Tgt Ion: 43 Resp: 7751
Ion Ratio Lower Upper
43 100
58 37.5 33.3 49.9

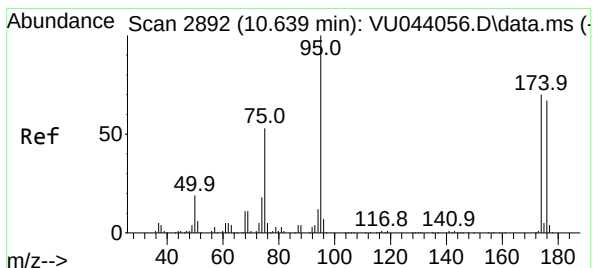
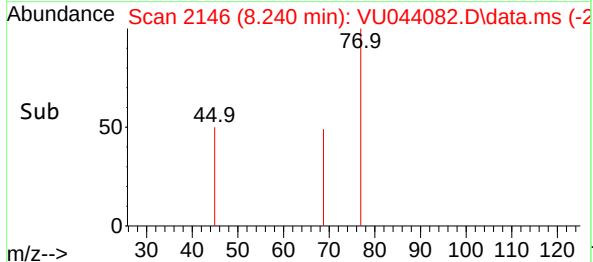
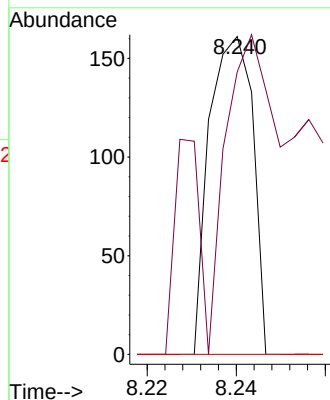
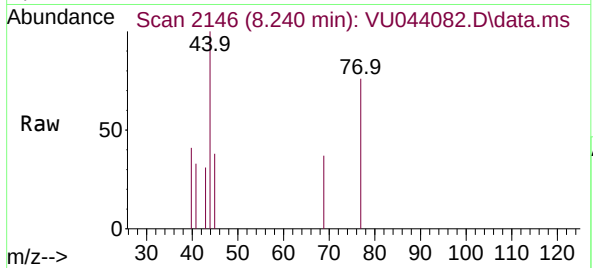




#56
Ethyl methacrylate
Concen: 3.402 ug/l
RT: 8.240 min Scan# 2146
Delta R.T. -0.100 min
Lab File: VU044082.D
Acq: 08 Jun 2021 01:44

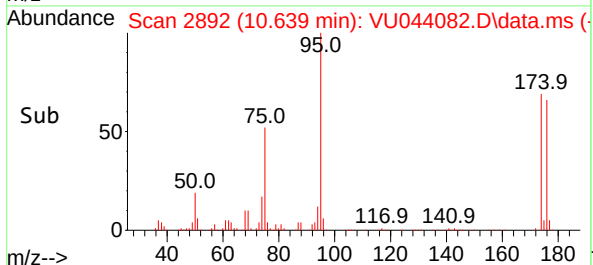
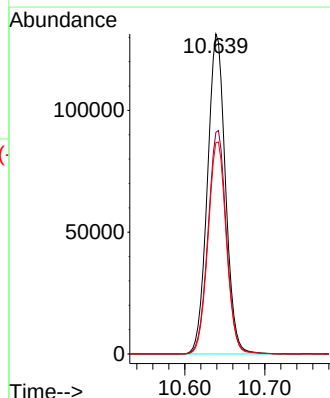
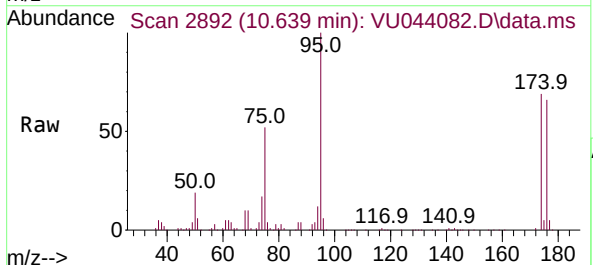
Instrument :
MSVOA_U
ClientSampled :
18-B4(4-6)

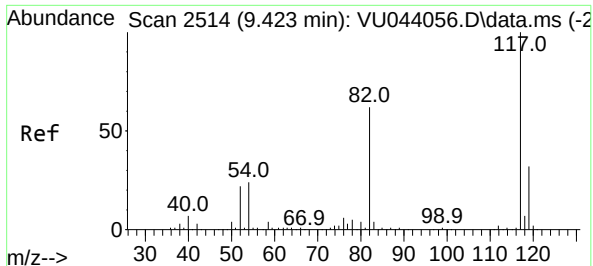
Tgt Ion: 69 Resp: 109
Ion Ratio Lower Upper
69 100
41 174.3 51.4 77.0#
39 0.0 24.9 37.3#



#62
4-Bromofluorobenzene
Concen: 45.471 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.000 min
Lab File: VU044082.D
Acq: 08 Jun 2021 01:44

Tgt Ion: 95 Resp: 206076
Ion Ratio Lower Upper
95 100
174 71.2 0.0 141.0
176 67.3 0.0 135.2

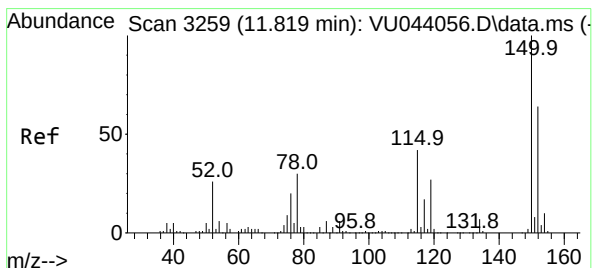
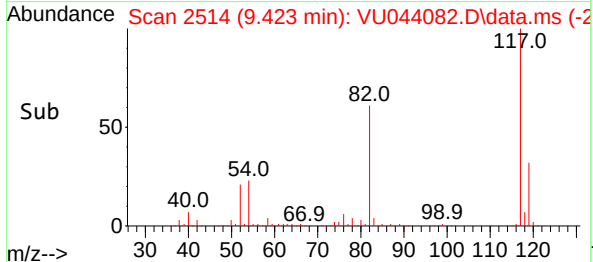
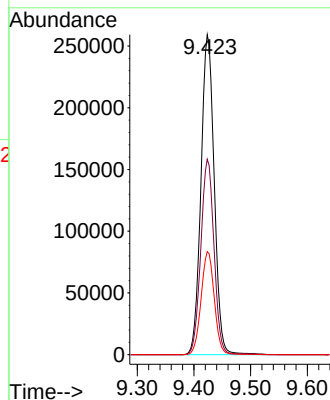
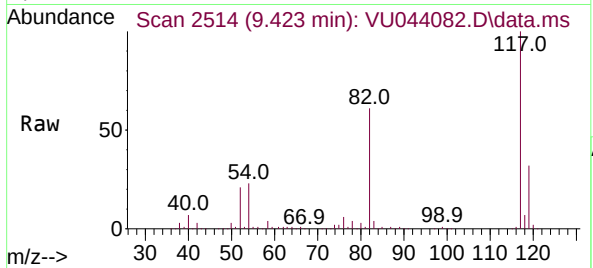




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU044082.D
Acq: 08 Jun 2021 01:44

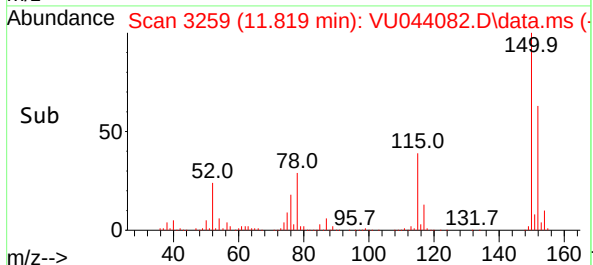
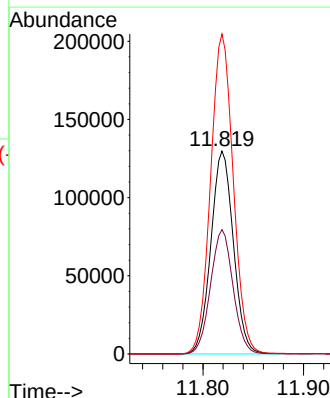
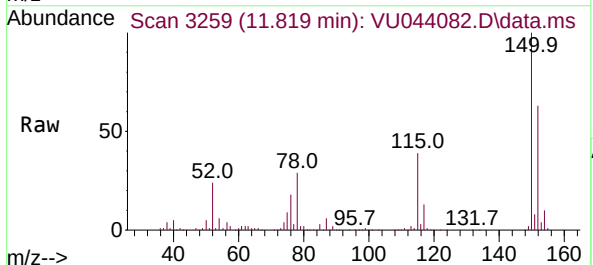
Instrument :
MSVOA_U
ClientSampleId :
18-B4(4-6)

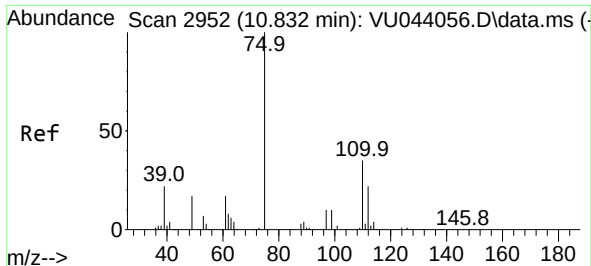
Tgt Ion:117 Resp: 421700
Ion Ratio Lower Upper
117 100
82 61.1 50.0 75.0
119 32.2 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU044082.D
Acq: 08 Jun 2021 01:44

Tgt Ion:152 Resp: 202018
Ion Ratio Lower Upper
152 100
115 61.3 44.6 134.0
150 158.7 0.0 347.8

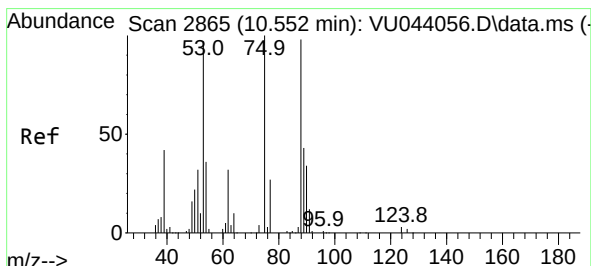
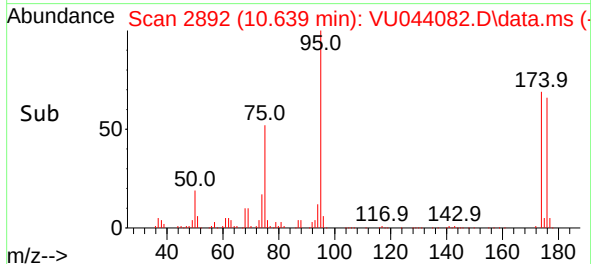
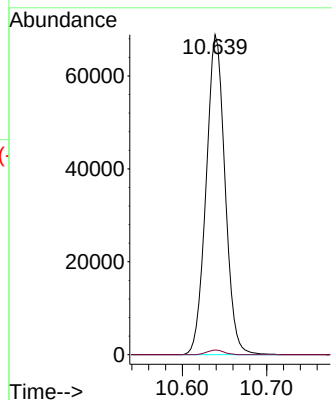
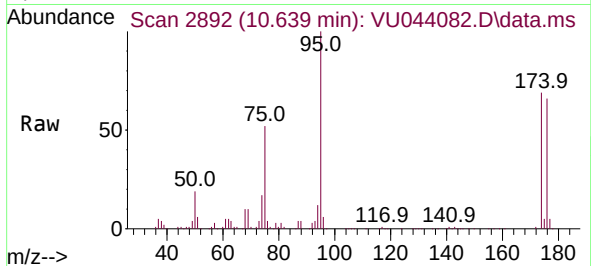




#76
1,2,3-Trichloropropane
Concen: 19.015 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.193 min
Lab File: VU044082.D
Acq: 08 Jun 2021 01:44

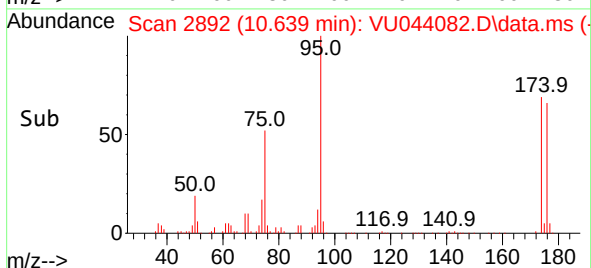
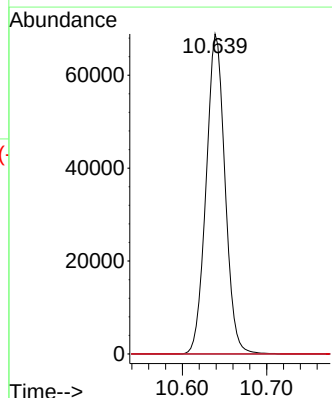
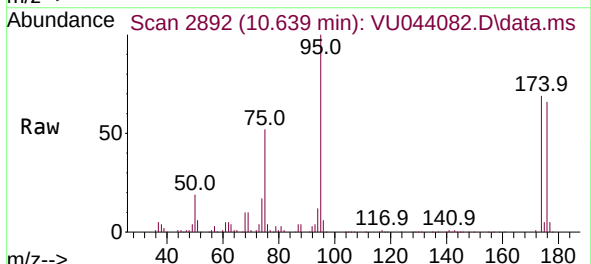
Instrument :
MSVOA_U
ClientSampled :
18-B4(4-6)

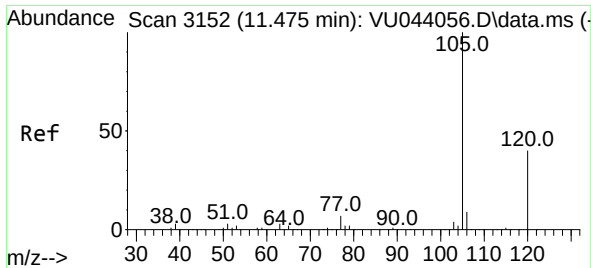
Tgt Ion: 75 Resp: 107457
Ion Ratio Lower Upper
75 100
77 1.3 16.9 50.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 55.522 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.087 min
Lab File: VU044082.D
Acq: 08 Jun 2021 01:44

Tgt Ion: 75 Resp: 107457
Ion Ratio Lower Upper
75 100
53 0.0 76.9 115.3#
89 0.0 33.8 50.8#

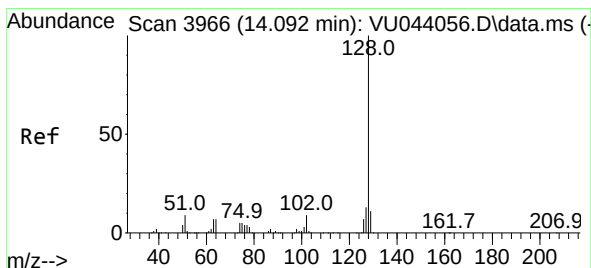
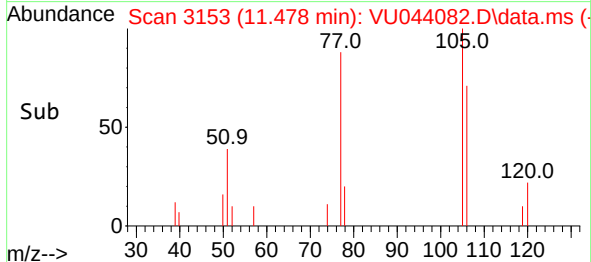
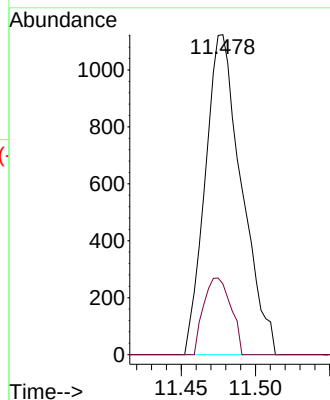
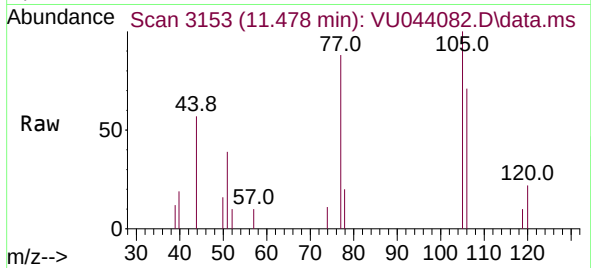




#84
1,2,4-Trimethylbenzene
Concen: 1.093 ug/l
RT: 11.478 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VU044082.D
Acq: 08 Jun 2021 01:44

Instrument :
MSVOA_U
ClientSampled :
18-B4(4-6)

Tgt Ion:105 Resp: 1916
Ion Ratio Lower Upper
105 100
120 17.8 21.9 65.7#



#95
Naphthalene
Concen: 4.361 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.003 min
Lab File: VU044082.D
Acq: 08 Jun 2021 01:44

Tgt Ion:128 Resp: 22136
Ion Ratio Lower Upper
128 100
127 11.4 10.2 15.4
129 10.4 8.7 13.1

