

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061621\
 Data File : VU044237.D
 Acq On : 16 Jun 2021 13:47
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 17 04:56:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U060921W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 10 05:11:37 2021
 Response via : Initial Calibration

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

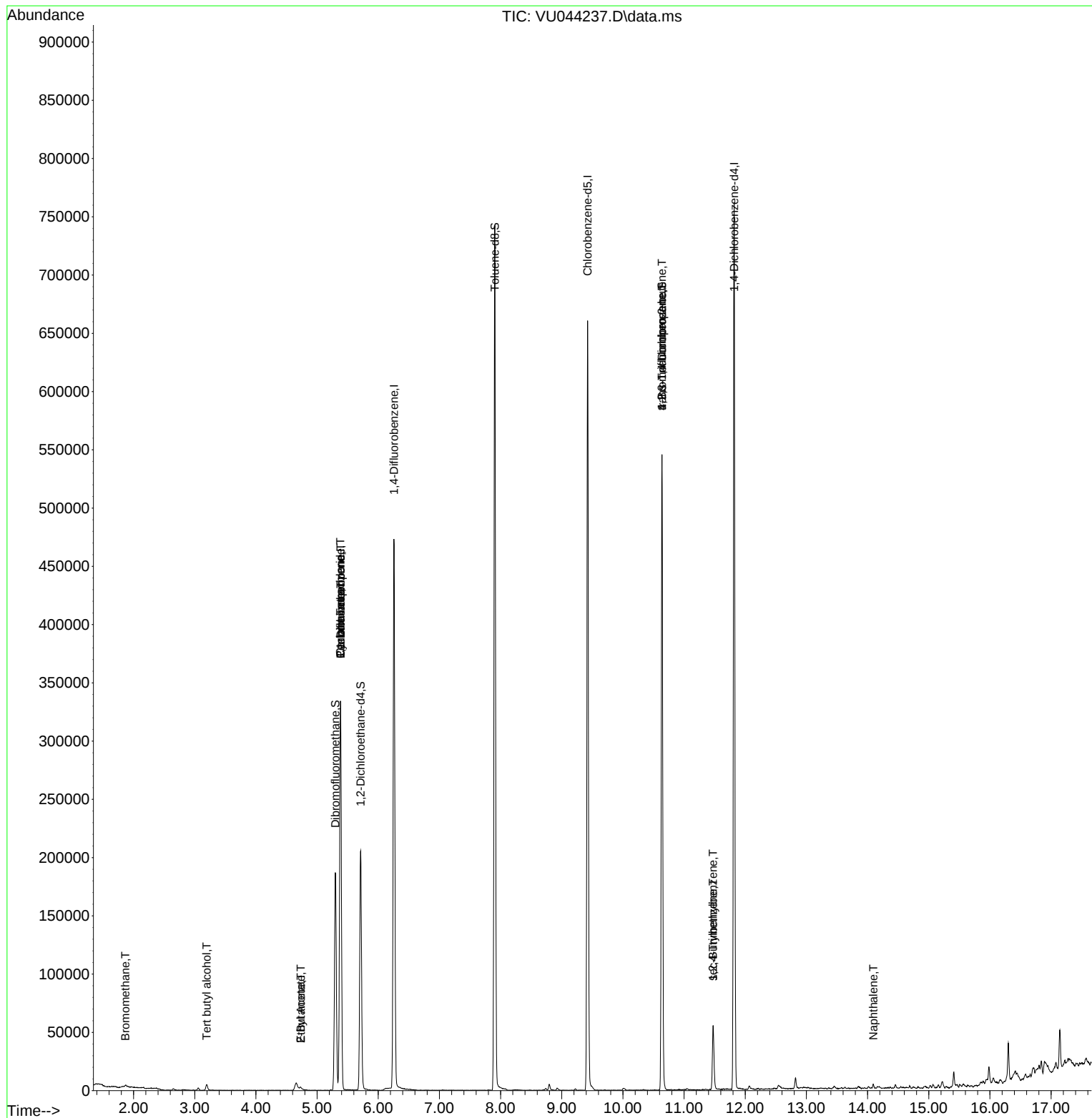
Internal Standards						
1) Pentafluorobenzene	5.385	168	231902	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	386478	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	371431	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	200004	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.713	65	153026	41.495	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.980%	
35) Dibromofluoromethane	5.298	113	125133	46.545	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.080%	
50) Toluene-d8	7.906	98	489287	47.389	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.780%	
62) 4-Bromofluorobenzene	10.639	95	191342	46.243	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.480%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.523	50	371	Below Cal		98
5) Bromomethane	1.867	94	382	0.237 ug/l #		73
6) Chloroethane	1.906	64	214	Below Cal #		42
11) Tert butyl alcohol	3.195	59	3257	3.283 ug/l #		73
16) Acetone	2.649	43	2040	Below Cal		92
20) Methylene Chloride	3.057	84	1059	Below Cal		97
25) 2-Butanone	4.732	43	4065	1.321 ug/l		90
31) Cyclohexane	5.385	56	4242	0.815 ug/l #		1
36) 1,1-Dichloropropene	5.385	75	18788	4.369 ug/l #		50
37) Ethyl Acetate	4.732	43	4065	0.789 ug/l #		67
38) Carbon Tetrachloride	5.382	117	23650	6.092 ug/l #		16
76) 1,2,3-Trichloropropane	10.639	75	92744	13.831 ug/l #		47
81) trans-1,4-Dichloro-2-b...	10.639	75	92744	50.136 ug/l #		13
84) 1,2,4-Trimethylbenzene	11.475	105	22897	1.913 ug/l #		33
85) sec-Butylbenzene	11.475	105	22897	1.560 ug/l #		58
95) Naphthalene	14.095	128	3177	3.049 ug/l		95

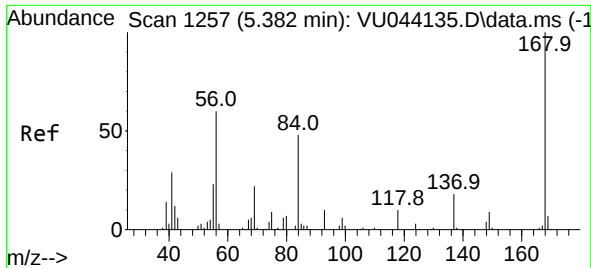
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 17 04:56:31 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U060921W.M
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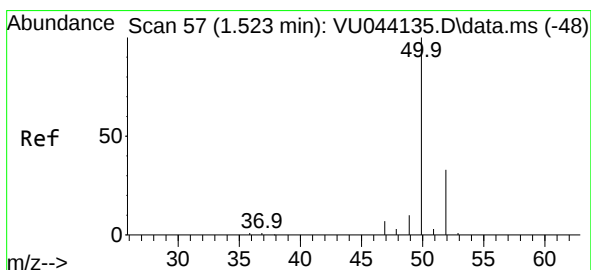
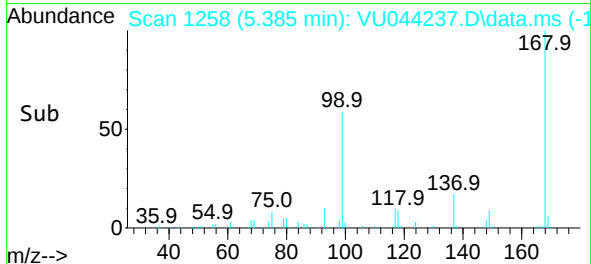
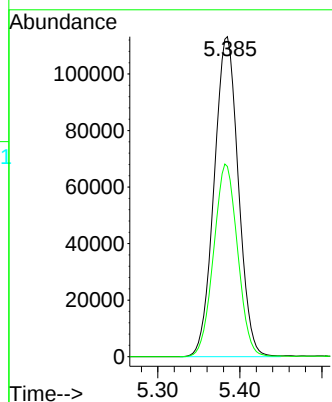
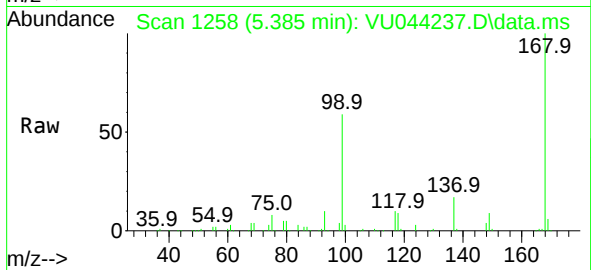




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. 0.003 min
Lab File: VU044237.D
Acq: 16 Jun 2021 13:47

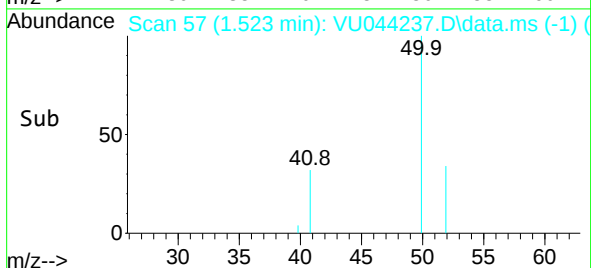
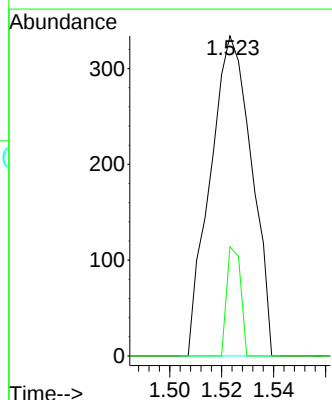
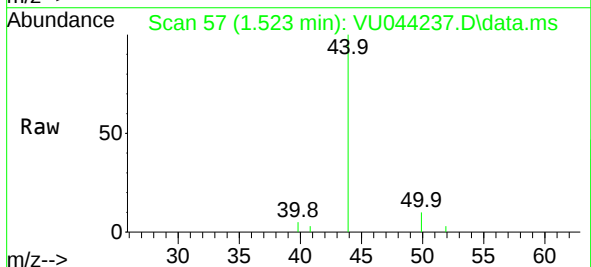
Instrument :
MSVOA_U
ClientSampled :

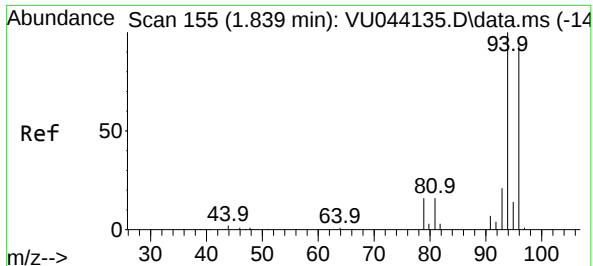
Tgt Ion:168 Resp: 231902
Ion Ratio Lower Upper
168 100
99 59.5 51.3 76.9



#3
Chloromethane
Concen: Below Cal
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU044237.D
Acq: 16 Jun 2021 13:47

Tgt Ion: 50 Resp: 371
Ion Ratio Lower Upper
50 100
52 34.1 26.6 39.8

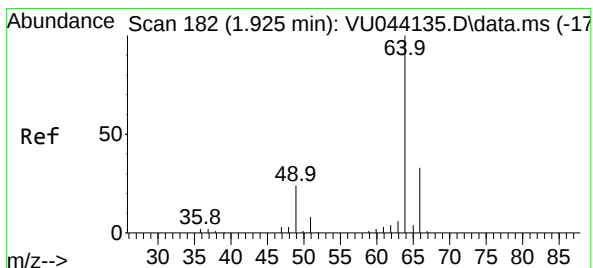
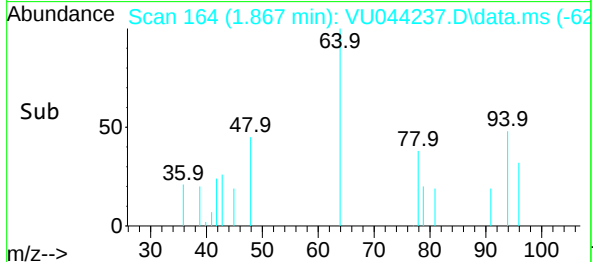
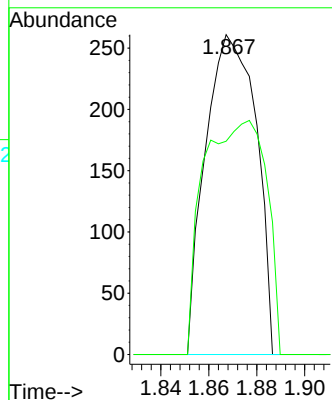
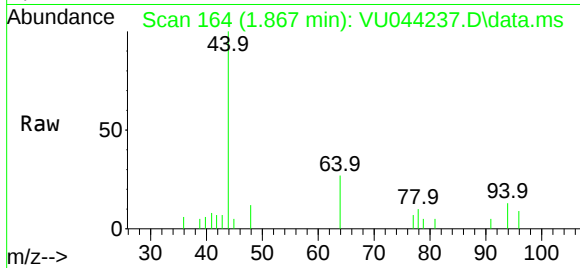




#5
Bromomethane
Concen: 0.237 ug/l
RT: 1.867 min Scan# 164
Delta R.T. 0.028 min
Lab File: VU044237.D
Acq: 16 Jun 2021 13:47

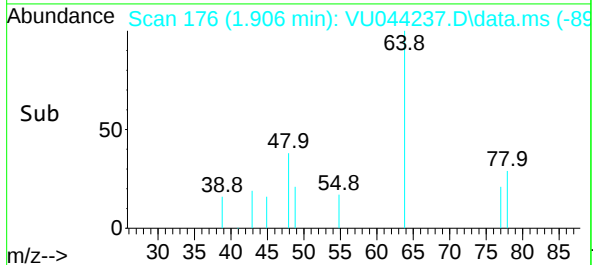
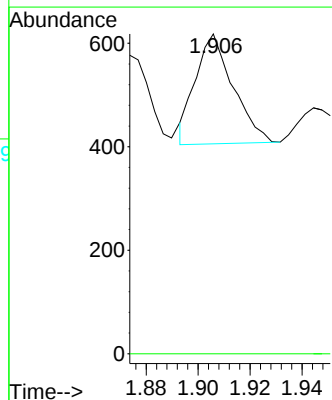
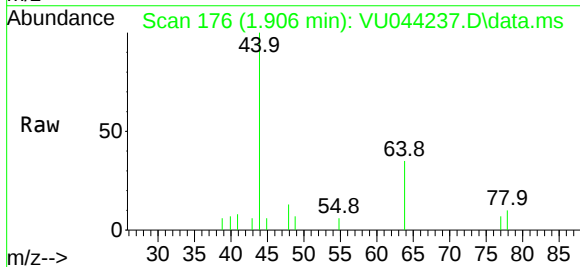
Instrument :
MSVOA_U
ClientSampled :

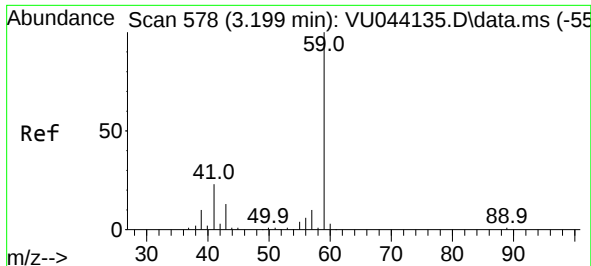
Tgt Ion: 94 Resp: 382
Ion Ratio Lower Upper
94 100
96 66.7 74.1 111.1#



#6
Chloroethane
Concen: Below Cal
RT: 1.906 min Scan# 176
Delta R.T. -0.019 min
Lab File: VU044237.D
Acq: 16 Jun 2021 13:47

Tgt Ion: 64 Resp: 214
Ion Ratio Lower Upper
64 100
66 0.0 26.1 39.1#

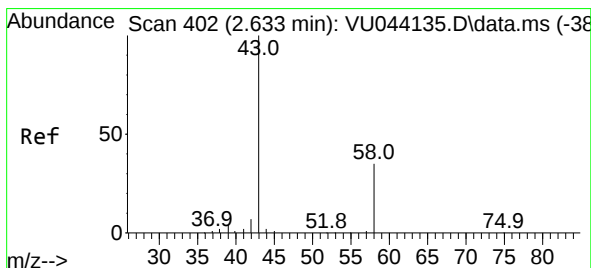
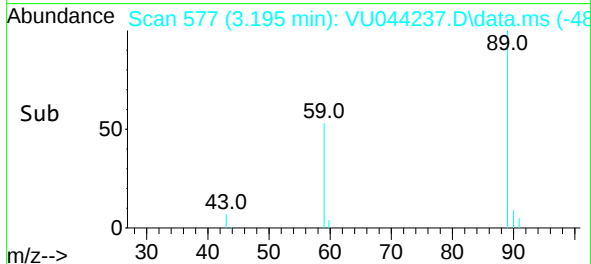
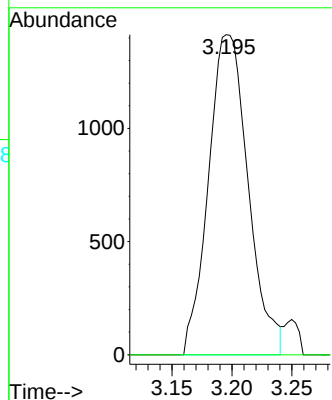
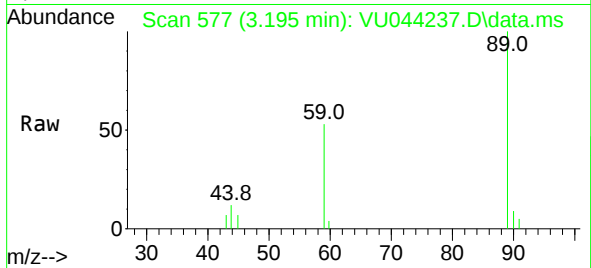




#11
Tert butyl alcohol
Concen: 3.283 ug/l
RT: 3.195 min Scan# 577
Delta R.T. -0.004 min
Lab File: VU044237.D
Acq: 16 Jun 2021 13:47

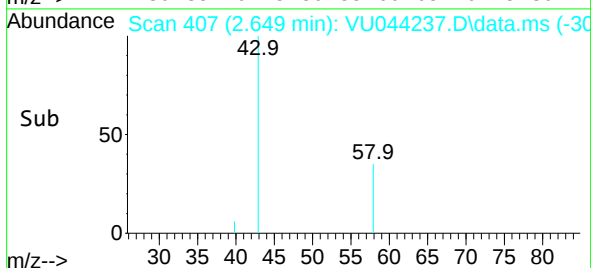
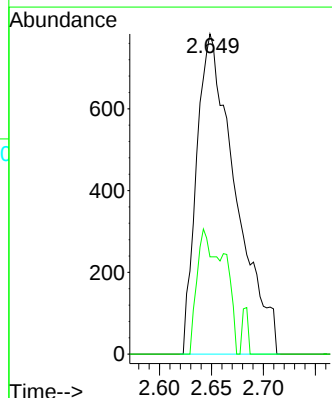
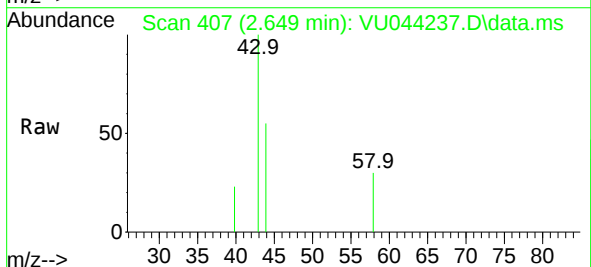
Instrument :
MSVOA_U
ClientSampled :

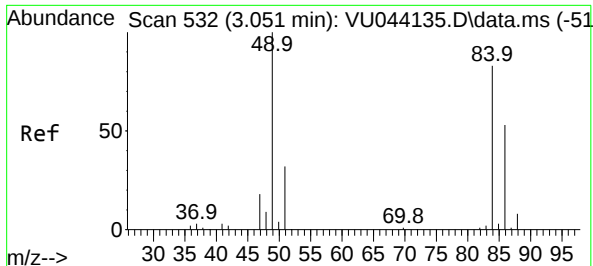
Tgt Ion: 59 Resp: 3257
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#



#16
Acetone
Concen: Below Cal
RT: 2.649 min Scan# 407
Delta R.T. 0.016 min
Lab File: VU044237.D
Acq: 16 Jun 2021 13:47

Tgt Ion: 43 Resp: 2040
Ion Ratio Lower Upper
43 100
58 30.4 28.0 42.0





#20

Methylene Chloride

Concen: Below Cal

RT: 3.057 min Scan# 534

Delta R.T. 0.006 min

Lab File: VU044237.D

Acq: 16 Jun 2021 13:47

Tgt Ion: 84 Resp: 1059

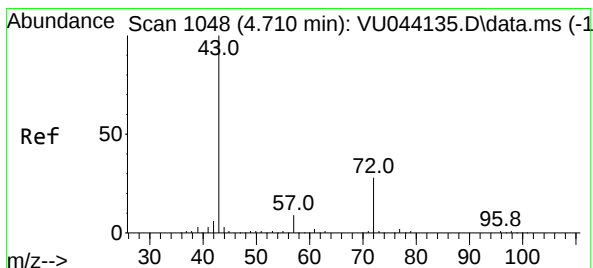
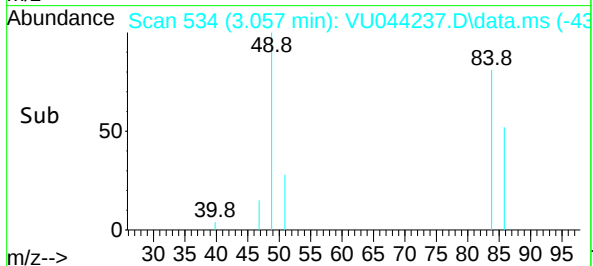
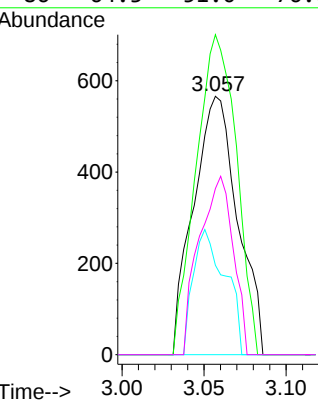
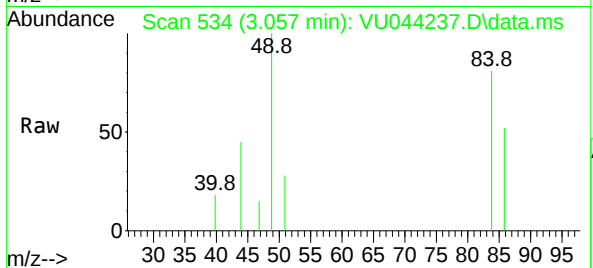
Ion Ratio Lower Upper

84 100

49 123.9 96.9 145.3

51 34.6 31.0 46.6

86 64.3 51.0 76.6



#25

2-Butanone

Concen: 1.321 ug/l

RT: 4.732 min Scan# 1055

Delta R.T. 0.022 min

Lab File: VU044237.D

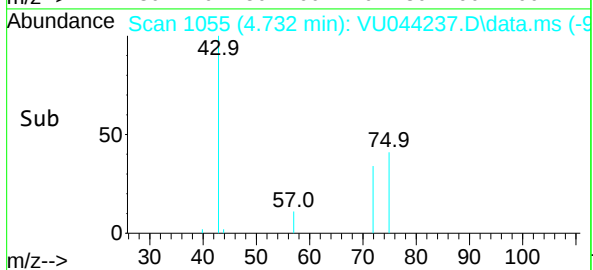
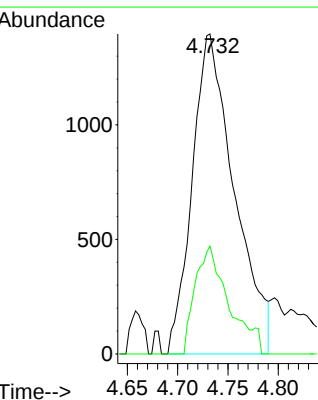
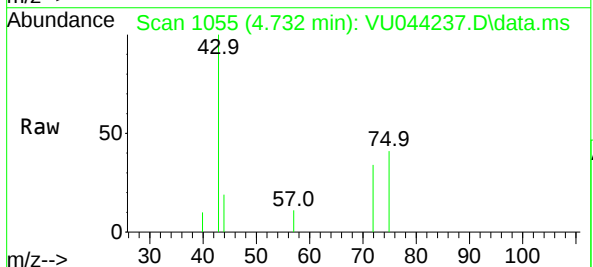
Acq: 16 Jun 2021 13:47

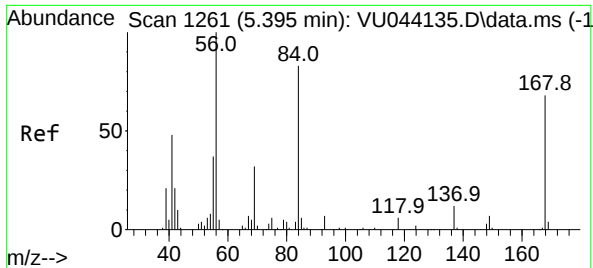
Tgt Ion: 43 Resp: 4065

Ion Ratio Lower Upper

43 100

72 33.7 22.6 33.8

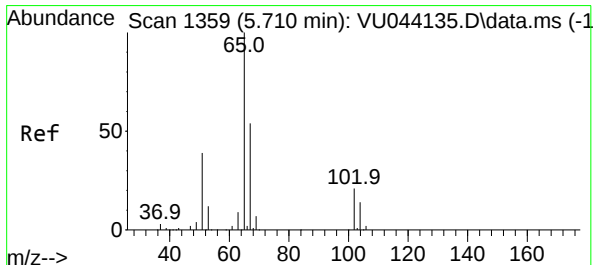
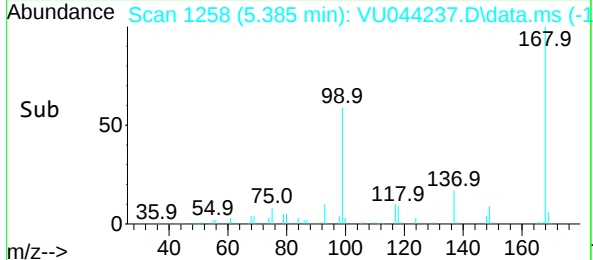
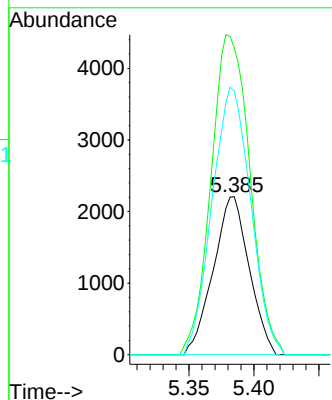
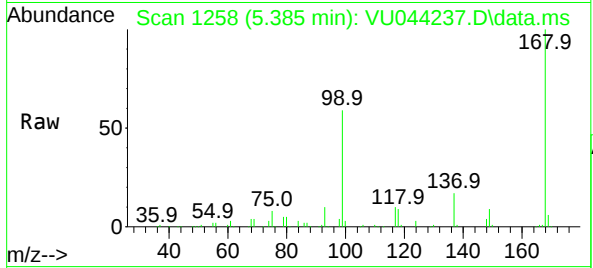




#31
Cyclohexane
Concen: 0.815 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. -0.010 min
Lab File: VU044237.D
Acq: 16 Jun 2021 13:47

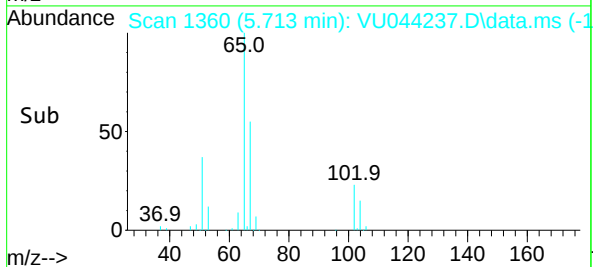
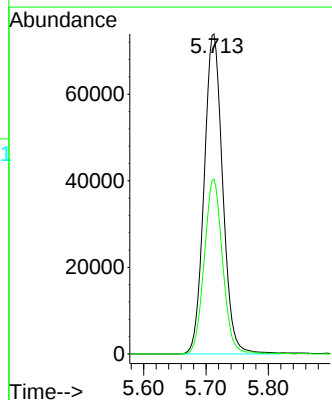
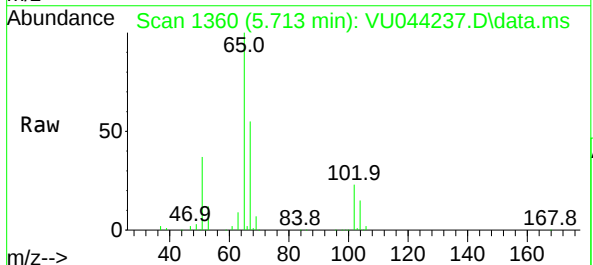
Instrument :
MSVOA_U
ClientSampled :

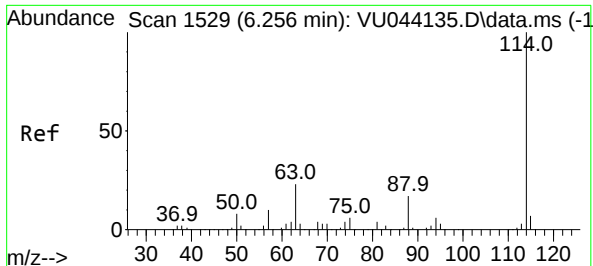
Tgt Ion: 56 Resp: 4242
Ion Ratio Lower Upper
56 100
69 194.3 25.5 38.3#
84 167.0 66.3 99.5#



#33
1,2-Dichloroethane-d4
Concen: 41.495 ug/l
RT: 5.713 min Scan# 1360
Delta R.T. 0.003 min
Lab File: VU044237.D
Acq: 16 Jun 2021 13:47

Tgt Ion: 65 Resp: 153026
Ion Ratio Lower Upper
65 100
67 53.6 0.0 106.6

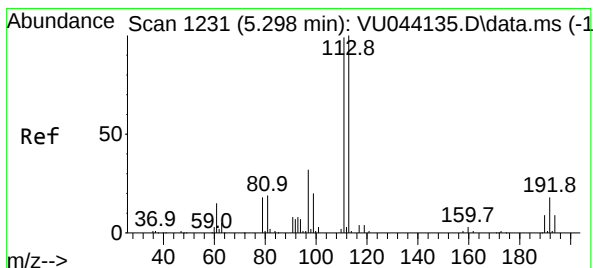
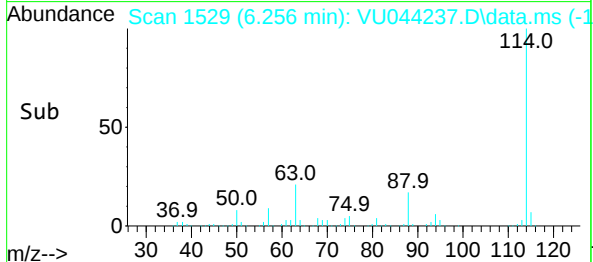
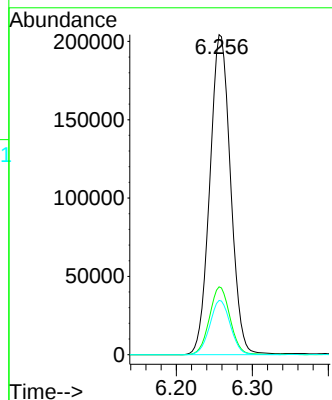
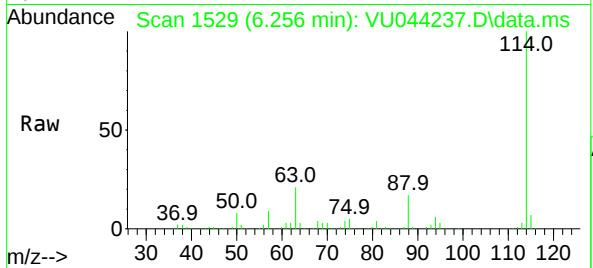




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. 0.000 min
Lab File: VU044237.D
Acq: 16 Jun 2021 13:47

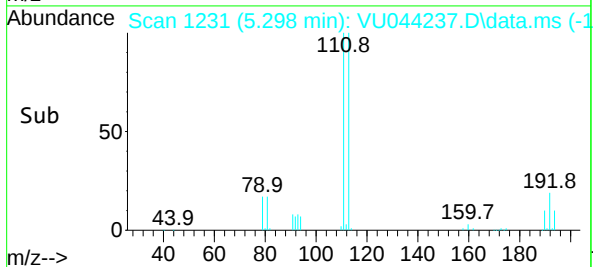
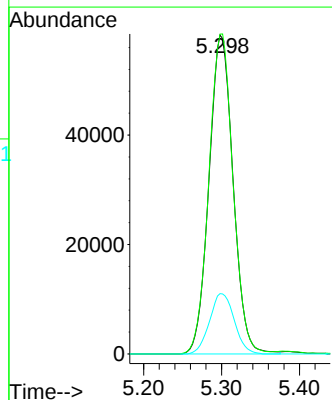
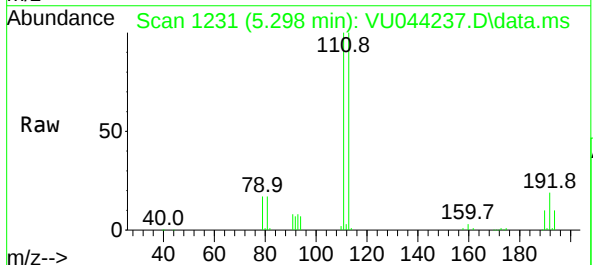
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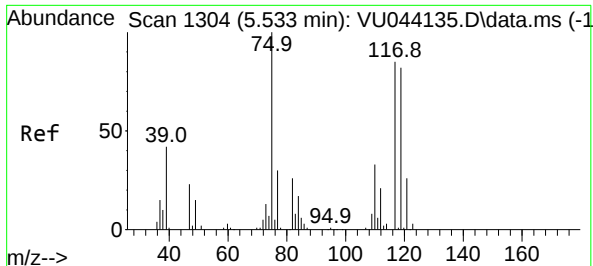
Tgt Ion:114 Resp: 386478
Ion Ratio Lower Upper
114 100
63 21.2 0.0 45.8
88 17.0 0.0 34.0



#35
Dibromofluoromethane
Concen: 46.545 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VU044237.D
Acq: 16 Jun 2021 13:47

Tgt Ion:113 Resp: 125133
Ion Ratio Lower Upper
113 100
111 100.7 81.0 121.4
192 19.4 14.3 21.5



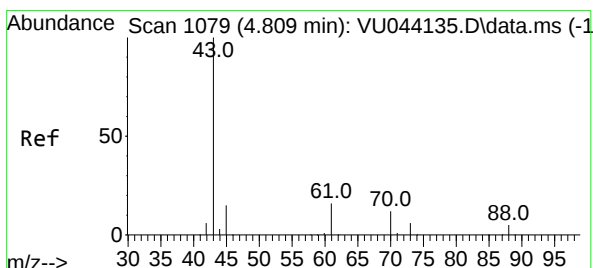
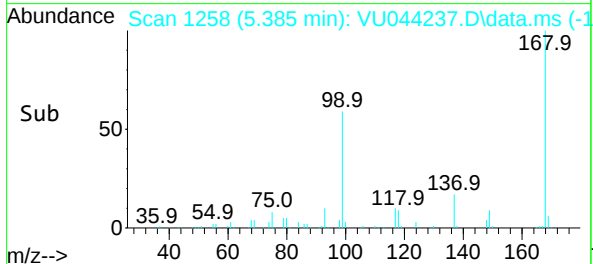
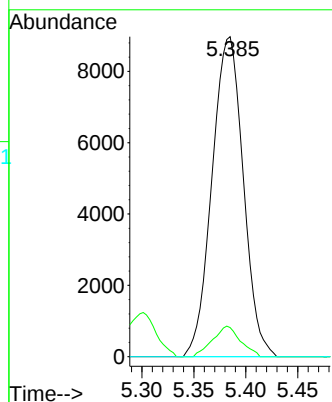
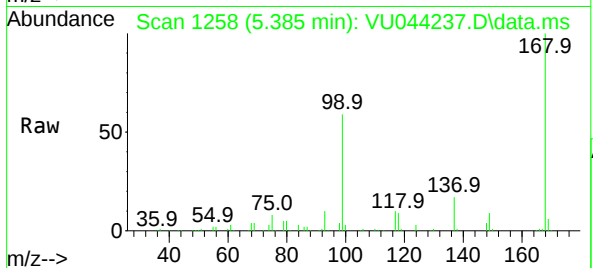


#36

1,1-Dichloropropene
Concen: 4.369 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. -0.148 min
Lab File: VU044237.D
Acq: 16 Jun 2021 13:47

Instrument :
MSVOA_U
ClientSampled :

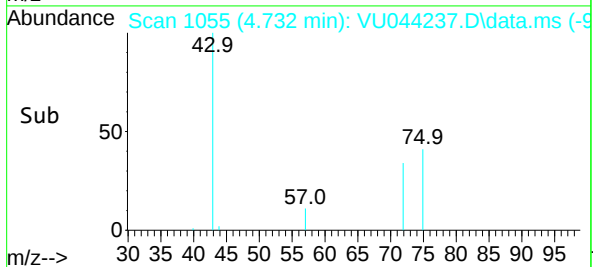
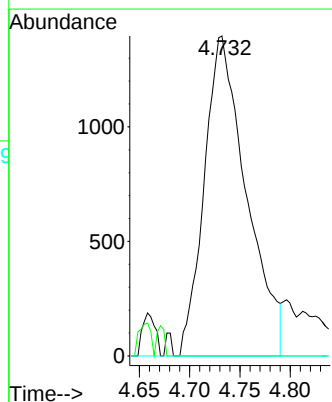
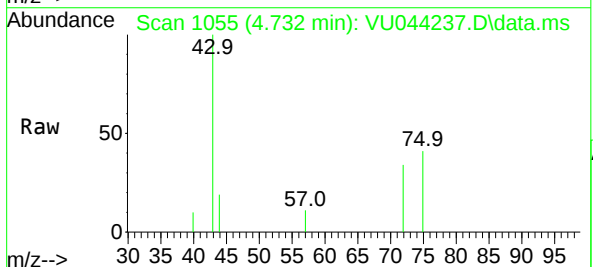
Tgt Ion: 75 Resp: 18788
Ion Ratio Lower Upper
75 100
110 8.5 16.4 49.4#
77 0.0 24.7 37.1#

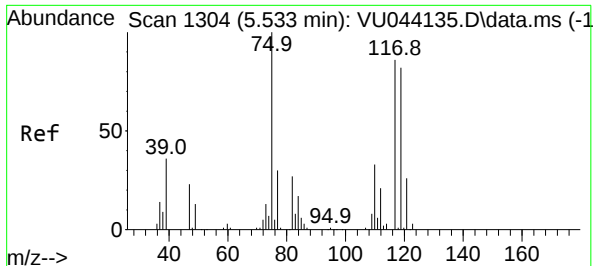


#37

Ethyl Acetate
Concen: 0.789 ug/l
RT: 4.732 min Scan# 1055
Delta R.T. -0.077 min
Lab File: VU044237.D
Acq: 16 Jun 2021 13:47

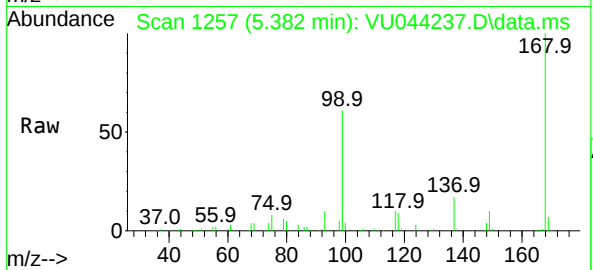
Tgt Ion: 43 Resp: 4065
Ion Ratio Lower Upper
43 100
61 0.0 11.9 17.9#
70 0.0 9.4 14.0#



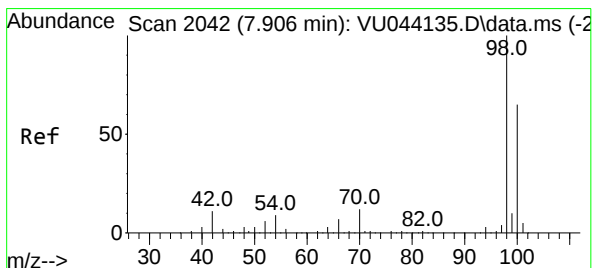
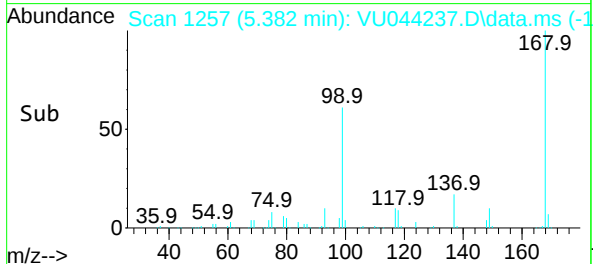
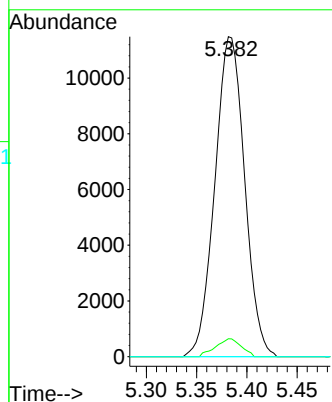


#38
Carbon Tetrachloride
Concen: 6.092 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU044237.D
Acq: 16 Jun 2021 13:47

Instrument :
MSVOA_U
ClientSampled :

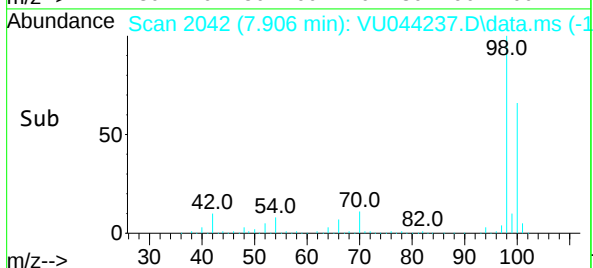
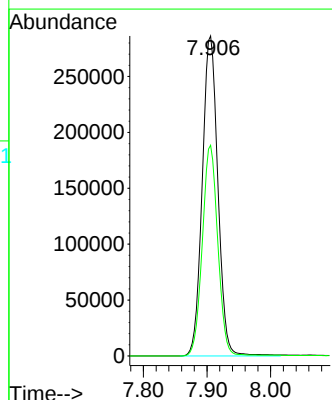
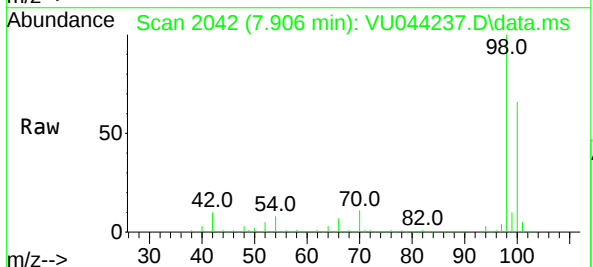


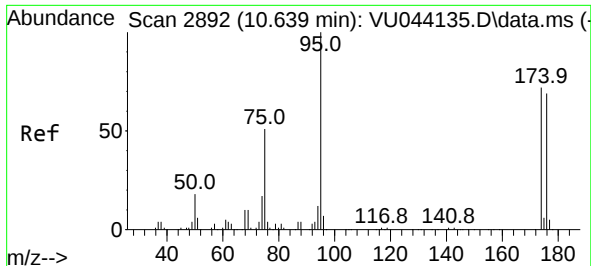
Tgt Ion:117 Resp: 23650
Ion Ratio Lower Upper
117 100
119 5.6 76.6 114.8#
121 0.0 24.6 36.8#



#50
Toluene-d8
Concen: 47.389 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU044237.D
Acq: 16 Jun 2021 13:47

Tgt Ion: 98 Resp: 489287
Ion Ratio Lower Upper
98 100
100 64.9 52.2 78.4

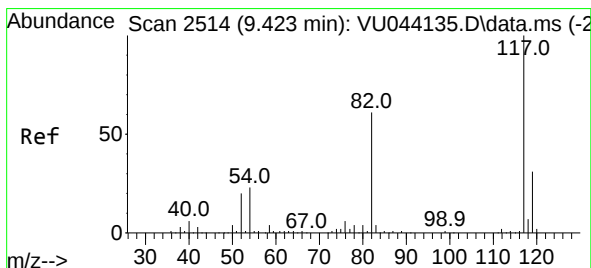
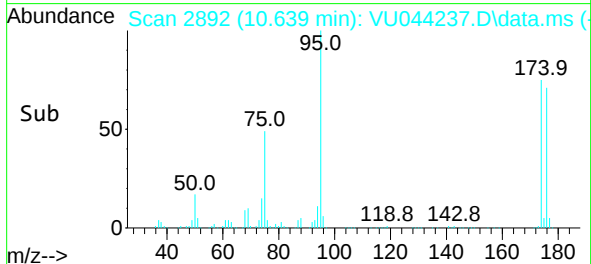
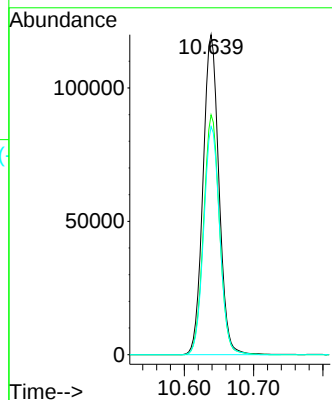
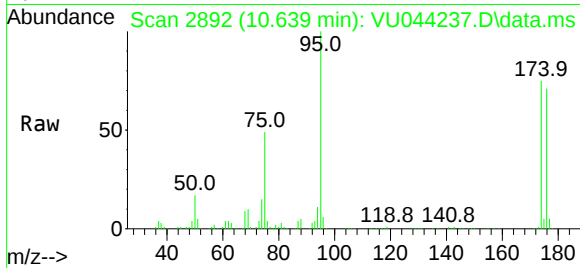




#62
4-Bromofluorobenzene
Concen: 46.243 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU044237.D
Acq: 16 Jun 2021 13:47

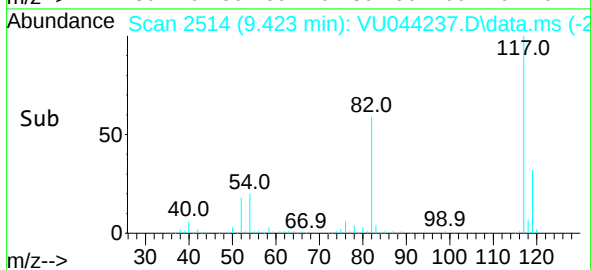
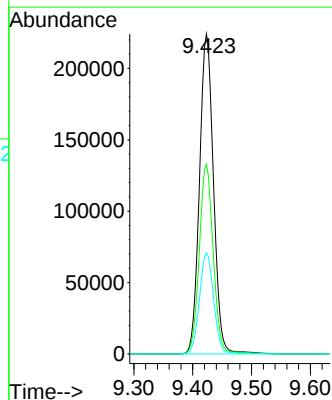
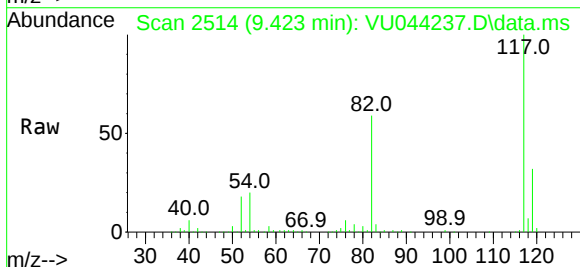
Instrument :
MSVOA_U
ClientSampleId :

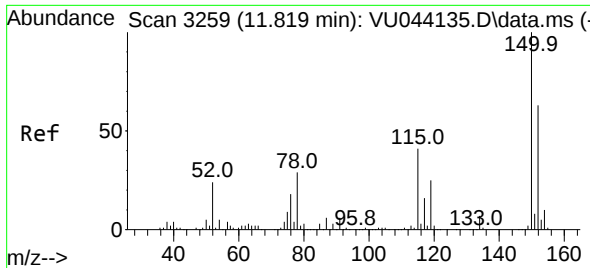
Tgt Ion: 95 Resp: 191342
Ion Ratio Lower Upper
95 100
174 74.8 0.0 144.4
176 71.8 0.0 138.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. -0.000 min
Lab File: VU044237.D
Acq: 16 Jun 2021 13:47

Tgt Ion: 117 Resp: 371431
Ion Ratio Lower Upper
117 100
82 59.3 48.8 73.2
119 31.7 25.0 37.6

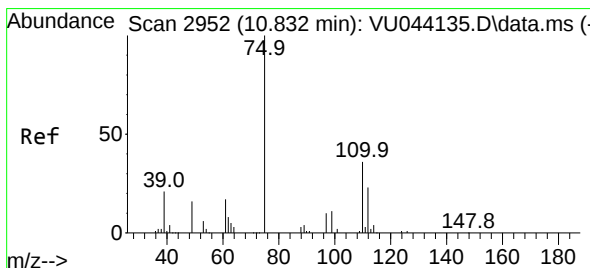
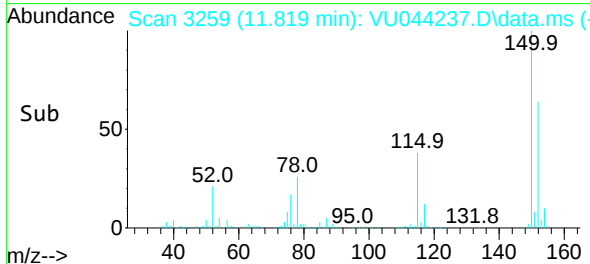
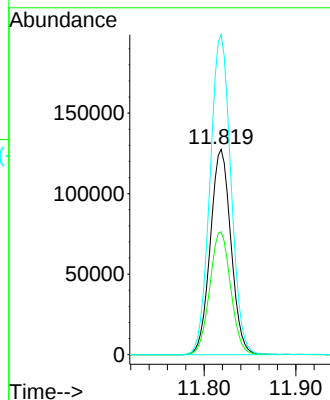
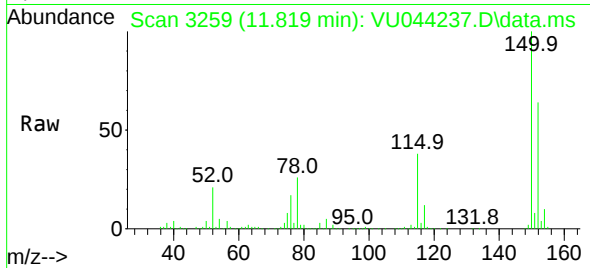




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.819 min Scan# 3259
 Delta R.T. -0.000 min
 Lab File: VU044237.D
 Acq: 16 Jun 2021 13:47

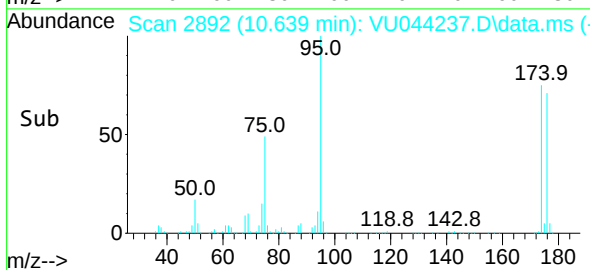
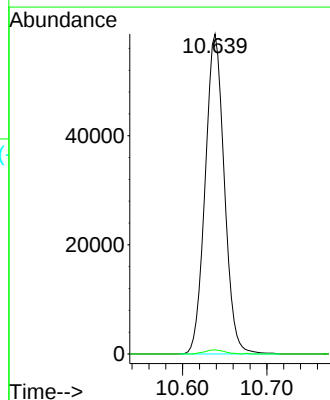
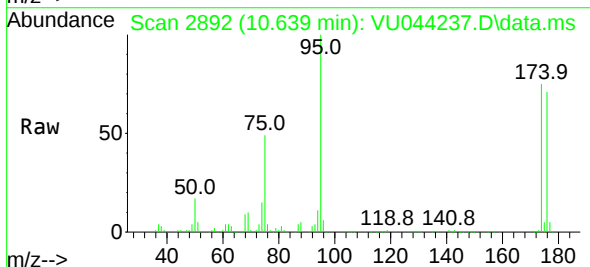
Instrument :
 MSVOA_U
 ClientSampleId :

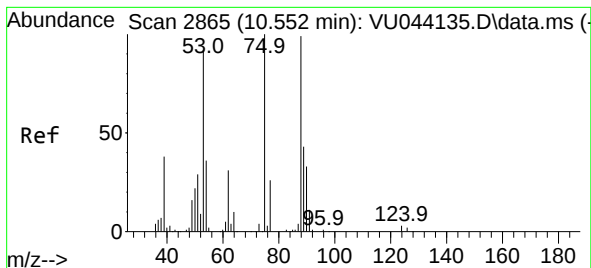
Tgt Ion:152 Resp: 200004
 Ion Ratio Lower Upper
 152 100
 115 60.8 43.8 131.3
 150 157.4 0.0 350.6



#76
 1,2,3-Trichloropropane
 Concen: 13.831 ug/l
 RT: 10.639 min Scan# 2892
 Delta R.T. -0.193 min
 Lab File: VU044237.D
 Acq: 16 Jun 2021 13:47

Tgt Ion: 75 Resp: 92744
 Ion Ratio Lower Upper
 75 100
 77 1.3 14.9 44.5#

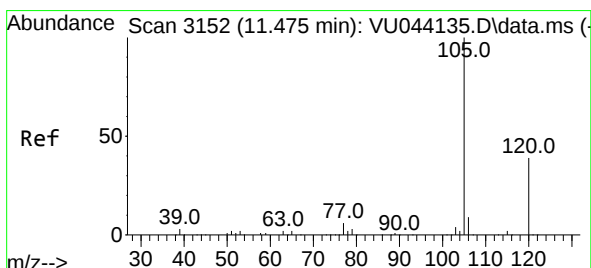
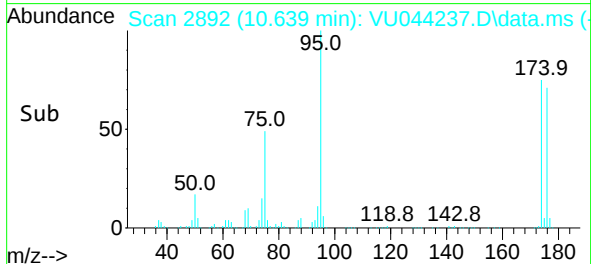
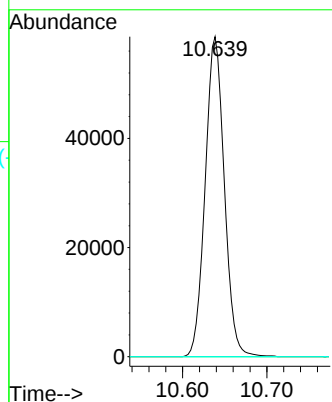
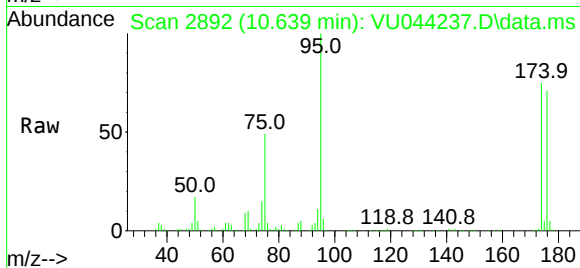




#81
trans-1,4-Dichloro-2-butene
Concen: 50.136 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.087 min
Lab File: VU044237.D
Acq: 16 Jun 2021 13:47

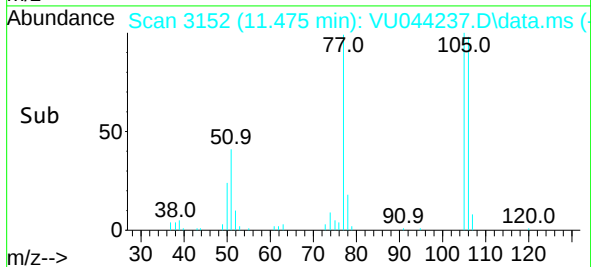
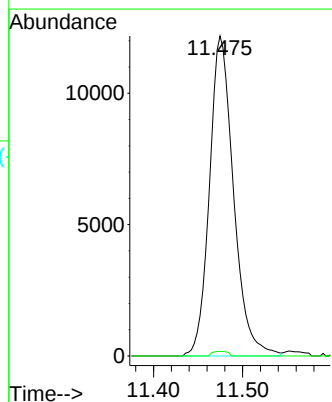
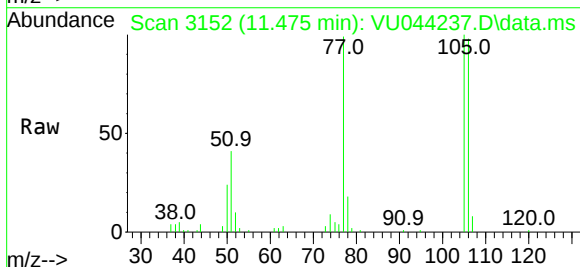
Instrument :
MSVOA_U
ClientSampleId :

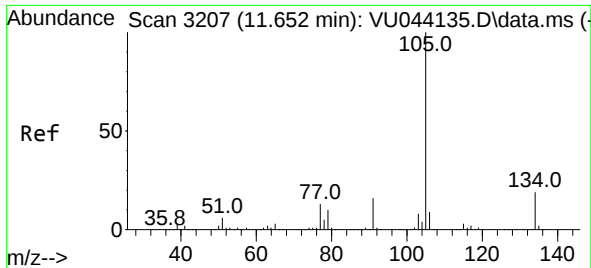
Tgt Ion: 75 Resp: 92744
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.2#
89 0.0 35.0 52.6#



#84
1,2,4-Trimethylbenzene
Concen: 1.913 ug/l
RT: 11.475 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VU044237.D
Acq: 16 Jun 2021 13:47

Tgt Ion:105 Resp: 22897
Ion Ratio Lower Upper
105 100
120 0.9 21.9 65.8#

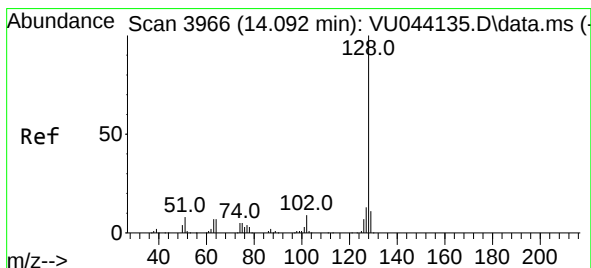
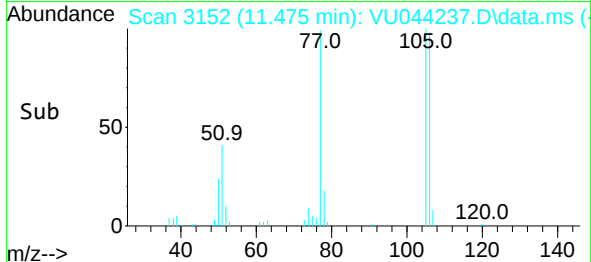
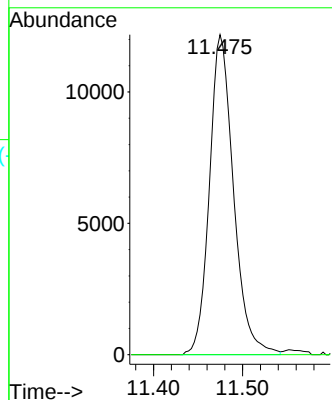
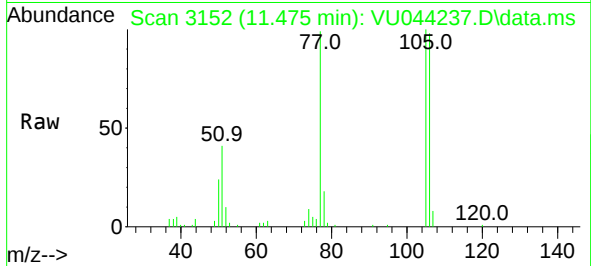




#85
 sec-Butylbenzene
 Concen: 1.560 ug/l
 RT: 11.475 min Scan# 3152
 Delta R.T. -0.177 min
 Lab File: VU044237.D
 Acq: 16 Jun 2021 13:47

Instrument :
 MSVOA_U
 ClientSampled :

Tgt Ion:105 Resp: 22897
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.4 28.2#



#95
 Naphthalene
 Concen: 3.049 ug/l
 RT: 14.095 min Scan# 3967
 Delta R.T. 0.003 min
 Lab File: VU044237.D
 Acq: 16 Jun 2021 13:47

Tgt Ion:128 Resp: 3177
 Ion Ratio Lower Upper
 128 100
 127 10.5 10.2 15.2
 129 9.3 8.6 13.0

