

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU033121\
 Data File : VU042862.D
 Acq On : 31 Mar 2021 17:03
 Operator : SY/MD
 Sample : M1836-05ME
 Misc : 6.49g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 B3-0-2ME

Quant Time: Apr 01 04:43:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U032421W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 25 05:42:00 2021
 Response via : Initial Calibration

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

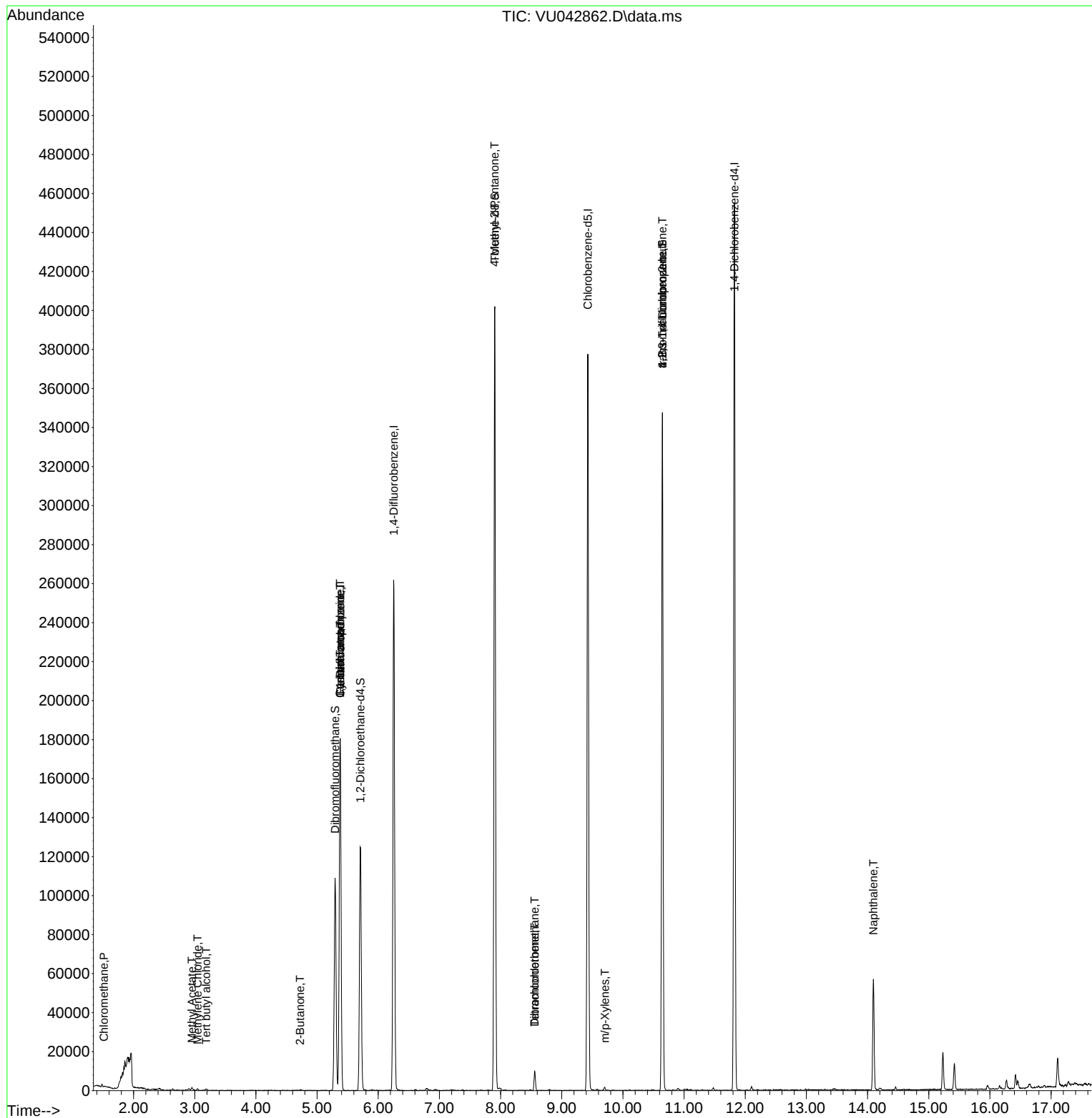
Internal Standards						
1) Pentafluorobenzene	5.378	168	123923	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	198116	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.426	117	200014	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.822	152	111724	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	97305	49.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.52%	
35) Dibromofluoromethane	5.295	113	66532	45.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.00%	
50) Toluene-d8	7.906	98	249229	47.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.82%	
62) 4-Bromofluorobenzene	10.645	95	104279	51.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.18%	
Target Compounds					Qvalue	
3) Chloromethane	1.517	50	356	0.23	ug/l #	43
5) Bromomethane	1.832	94	334	Below Cal	#	51
6) Chloroethane	1.935	64	62	Below Cal	#	43
11) Tert butyl alcohol	3.186	59	377	0.89	ug/l #	74
16) Acetone	2.645	43	864	Below Cal	#	48
18) Methyl Acetate	2.954	43	1624	0.72	ug/l #	74
20) Methylene Chloride	3.047	84	362	0.25	ug/l #	83
25) 2-Butanone	4.722	43	576	0.36	ug/l #	54
31) Cyclohexane	5.375	56	3048	1.24	ug/l #	1
36) 1,1-Dichloropropene	5.375	75	10396	5.31	ug/l #	50
38) Carbon Tetrachloride	5.375	117	12110	5.41	ug/l #	16
51) 4-Methyl-2-Pentanone	7.902	43	1401	0.44	ug/l #	1
60) Dibromochloromethane	8.558	129	1997	1.11	ug/l #	10
64) Tetrachloroethene	8.558	164	1953	1.21	ug/l #	87
68) m/p-Xylenes	9.706	106	567	0.21	ug/l	79
76) 1,2,3-Trichloropropane	10.645	75	61082	21.50	ug/l #	37
81) trans-1,4-Dichloro-2-b...	10.645	75	61082	63.69	ug/l #	6
95) Naphthalene	14.095	128	43620	8.04	ug/l	99

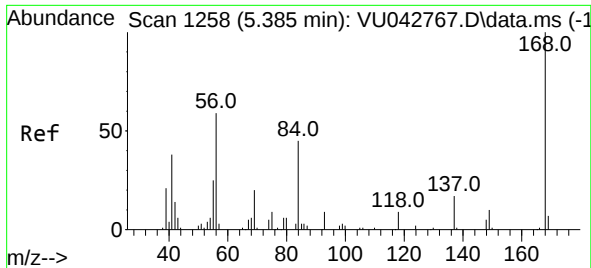
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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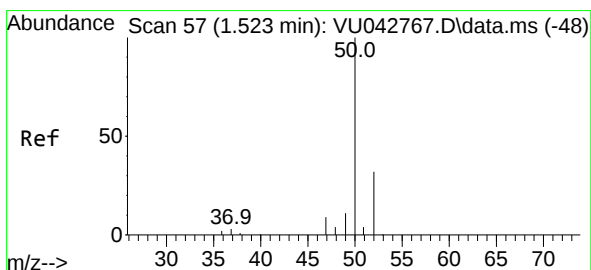
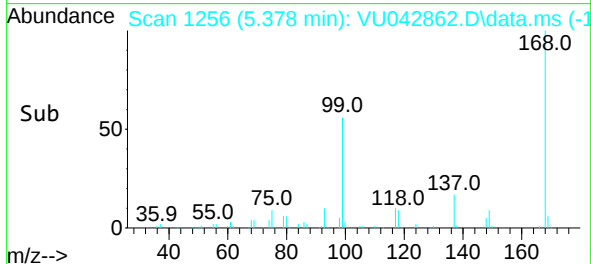
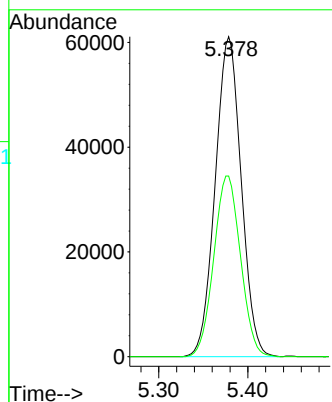
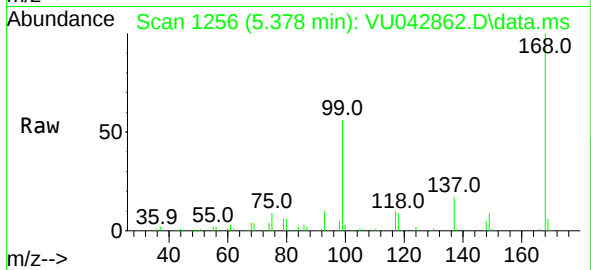




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.007 min
Lab File: VU042862.D
Acq: 31 Mar 2021 17:03

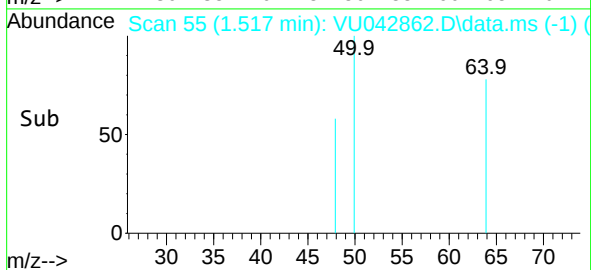
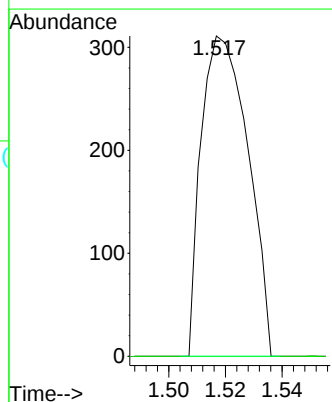
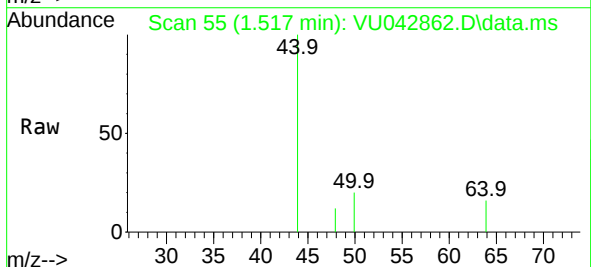
Instrument :
MSVOA_U
ClientSampleId :
B3-0-2ME

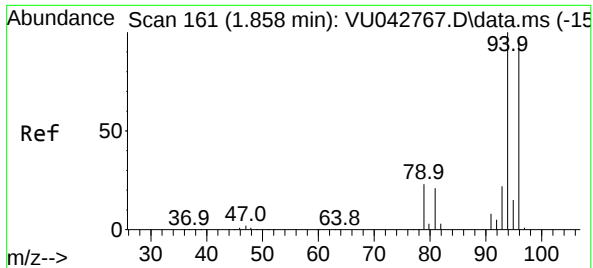
Tgt Ion:168 Resp: 123923
Ion Ratio Lower Upper
168 100
99 56.4 46.4 69.6



#3
Chloromethane
Concen: 0.23 ug/l
RT: 1.517 min Scan# 55
Delta R.T. -0.006 min
Lab File: VU042862.D
Acq: 31 Mar 2021 17:03

Tgt Ion: 50 Resp: 356
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.0#

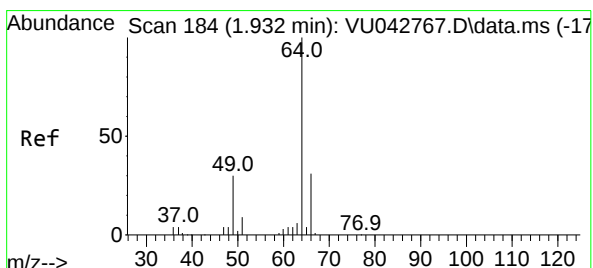
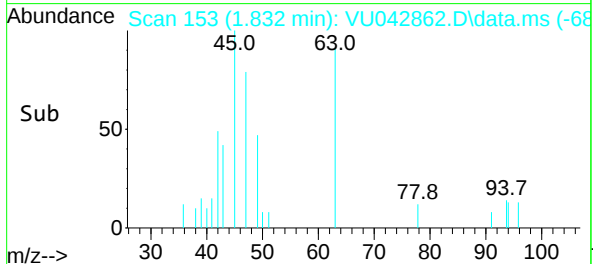
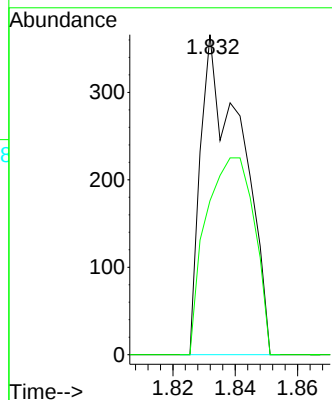
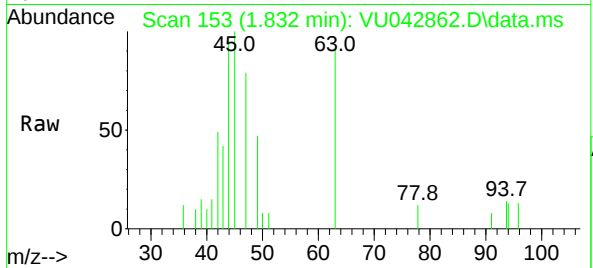




#5
Bromomethane
Concen: Below Cal
RT: 1.832 min Scan# 153
Delta R.T. -0.026 min
Lab File: VU042862.D
Acq: 31 Mar 2021 17:03

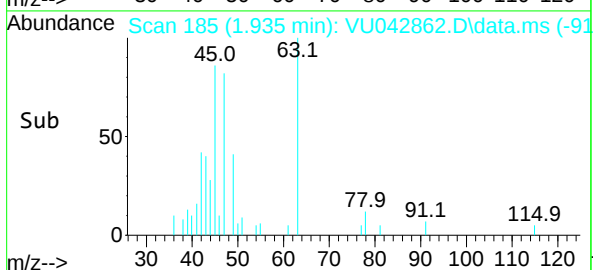
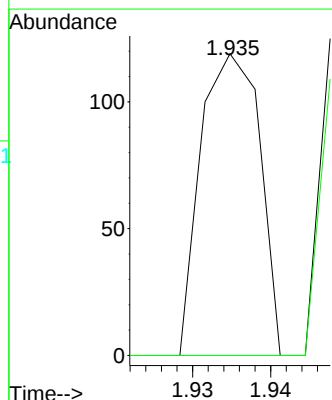
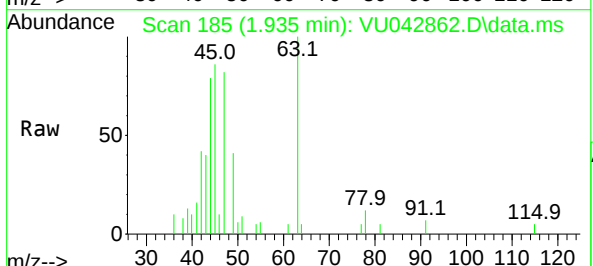
Instrument :
MSVOA_U
ClientSampleId :
B3-0-2ME

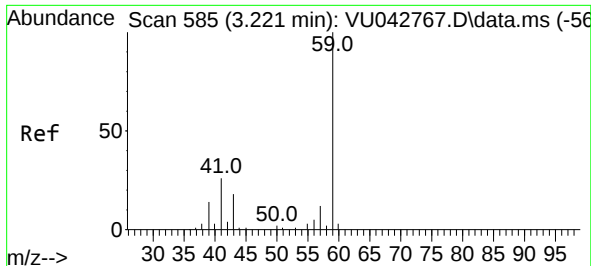
Tgt Ion: 94 Resp: 334
Ion Ratio Lower Upper
94 100
96 48.1 77.1 115.7#



#6
Chloroethane
Concen: Below Cal
RT: 1.935 min Scan# 185
Delta R.T. 0.003 min
Lab File: VU042862.D
Acq: 31 Mar 2021 17:03

Tgt Ion: 64 Resp: 62
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.6#



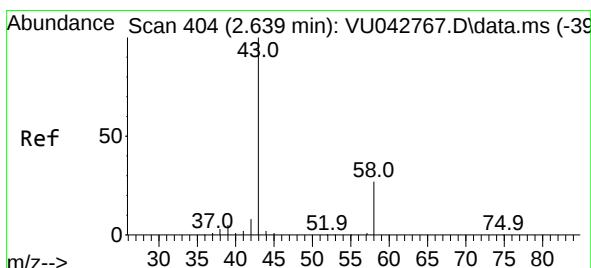
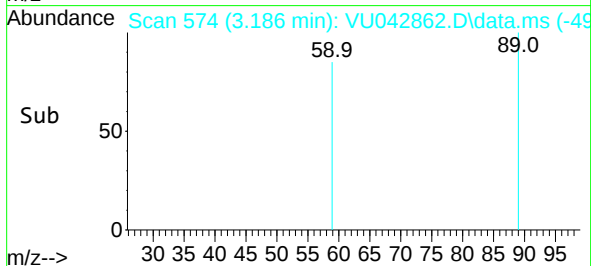
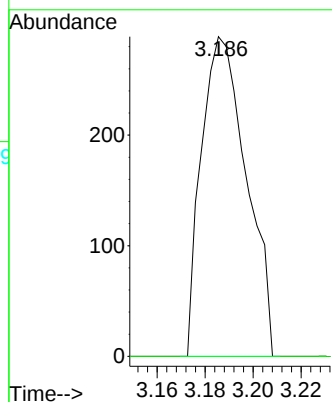
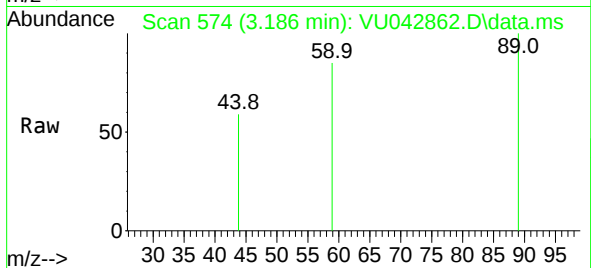


#11

Tert butyl alcohol
Concen: 0.89 ug/l
RT: 3.186 min Scan# 574
Delta R.T. -0.036 min
Lab File: VU042862.D
Acq: 31 Mar 2021 17:03

Instrument :
MSVOA_U
ClientSampleId :
B3-0-2ME

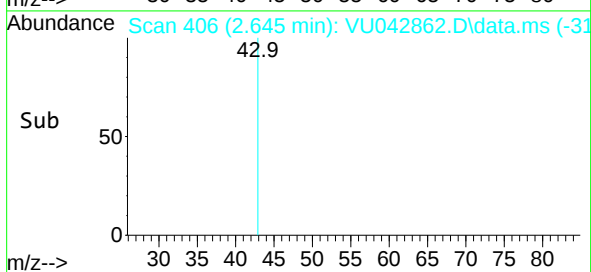
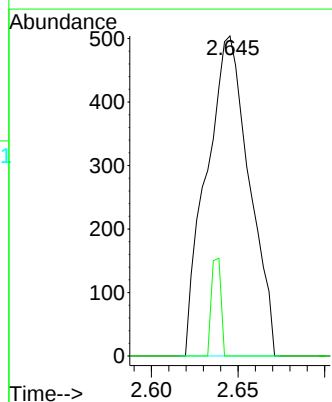
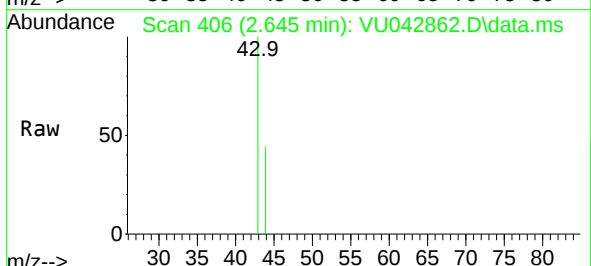
Tgt Ion: 59 Resp: 377
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

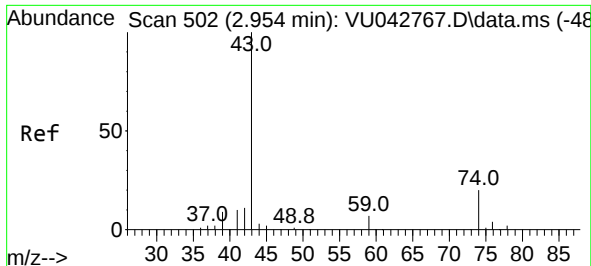


#16

Acetone
Concen: Below Cal
RT: 2.645 min Scan# 406
Delta R.T. 0.006 min
Lab File: VU042862.D
Acq: 31 Mar 2021 17:03

Tgt Ion: 43 Resp: 864
Ion Ratio Lower Upper
43 100
58 0.0 21.6 32.4#

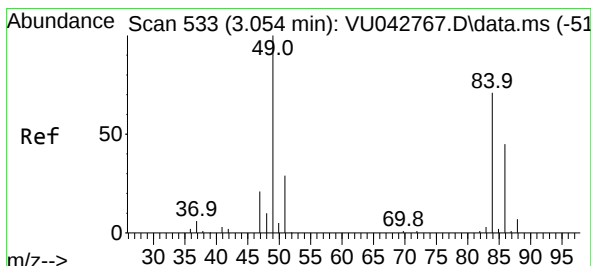
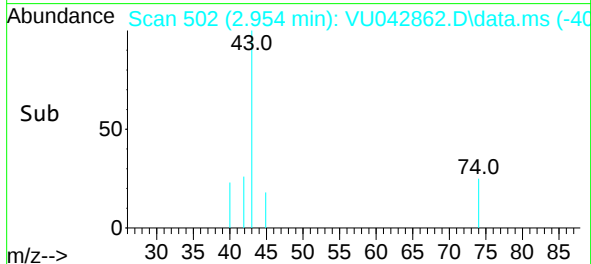
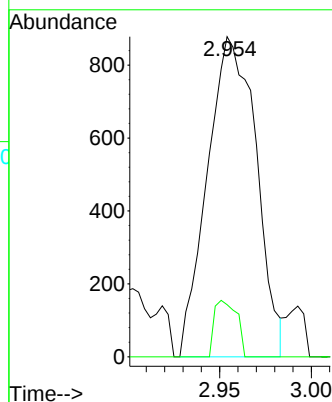
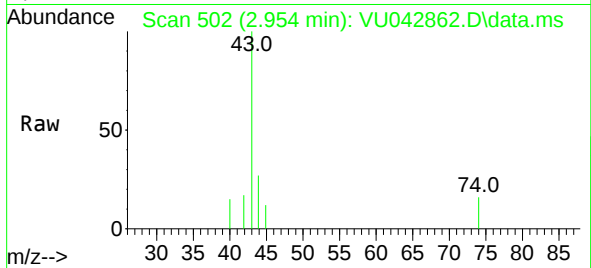




#18
Methyl Acetate
Concen: 0.72 ug/l
RT: 2.954 min Scan# 502
Delta R.T. -0.000 min
Lab File: VU042862.D
Acq: 31 Mar 2021 17:03

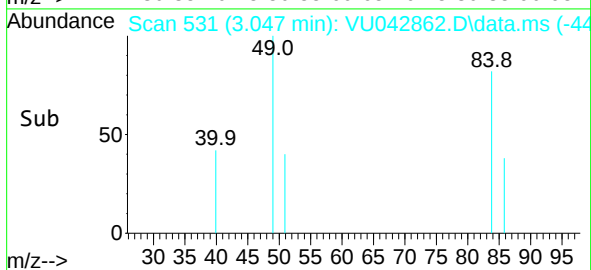
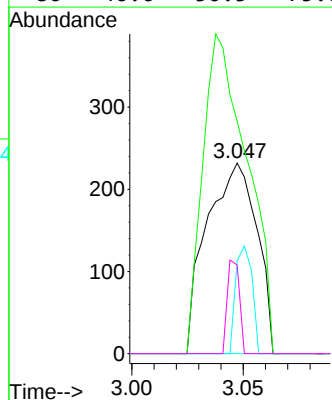
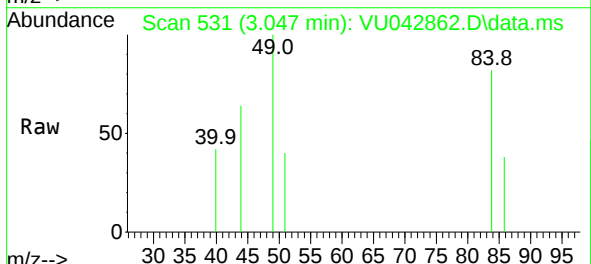
Instrument :
MSVOA_U
ClientSampled :
B3-0-2ME

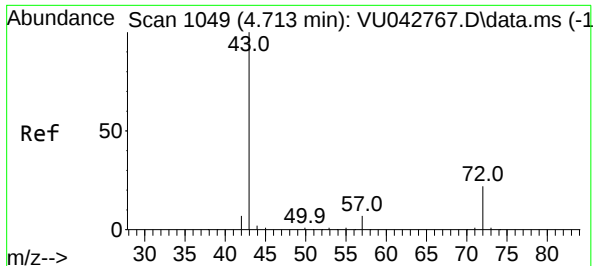
Tgt Ion: 43 Resp: 1624
Ion Ratio Lower Upper
43 100
74 8.1 16.2 24.4#



#20
Methylene Chloride
Concen: 0.25 ug/l
RT: 3.047 min Scan# 531
Delta R.T. -0.007 min
Lab File: VU042862.D
Acq: 31 Mar 2021 17:03

Tgt Ion: 84 Resp: 362
Ion Ratio Lower Upper
84 100
49 122.0 113.0 169.4
51 48.7 32.9 49.3
86 46.6 50.5 75.7#

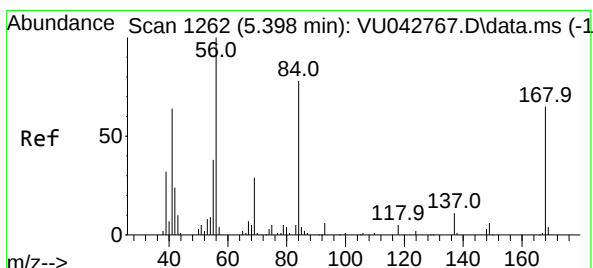
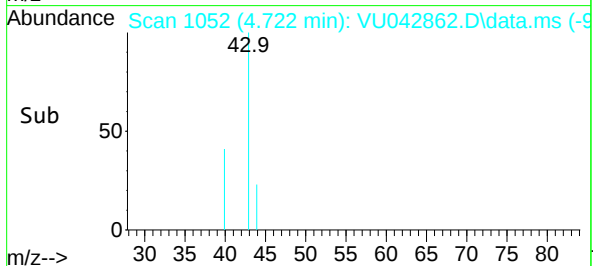
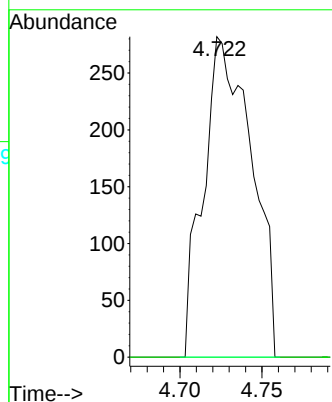
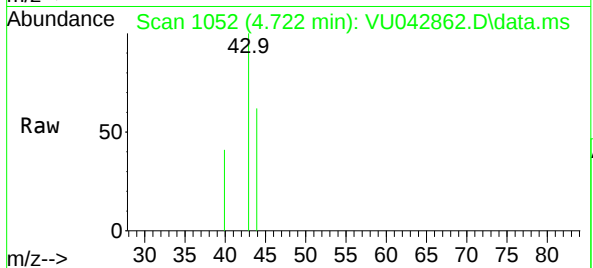




#25
2-Butanone
Concen: 0.36 ug/l
RT: 4.722 min Scan# 1052
Delta R.T. 0.009 min
Lab File: VU042862.D
Acq: 31 Mar 2021 17:03

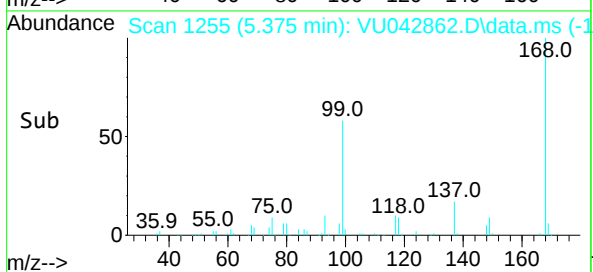
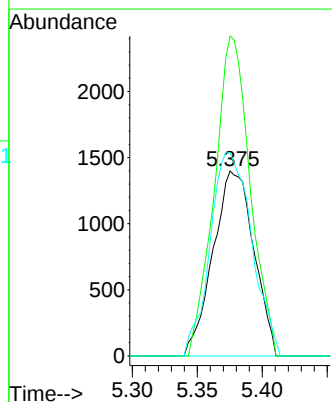
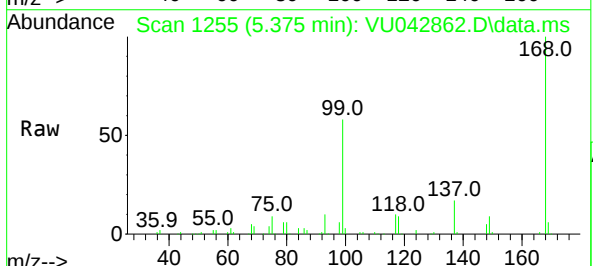
Instrument :
MSVOA_U
ClientSampleId :
B3-0-2ME

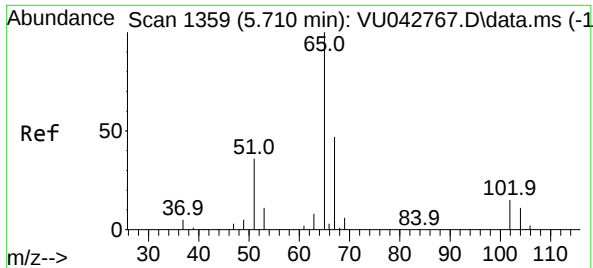
Tgt Ion: 43 Resp: 576
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#



#31
Cyclohexane
Concen: 1.24 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.023 min
Lab File: VU042862.D
Acq: 31 Mar 2021 17:03

Tgt Ion: 56 Resp: 3048
Ion Ratio Lower Upper
56 100
69 173.0 23.3 34.9#
84 109.9 62.2 93.4#

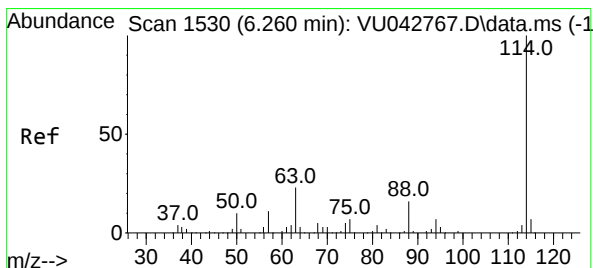
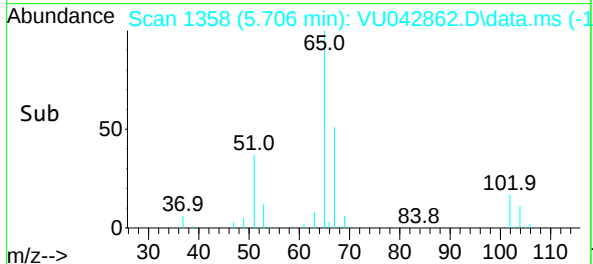
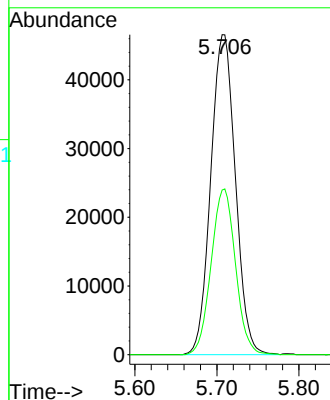
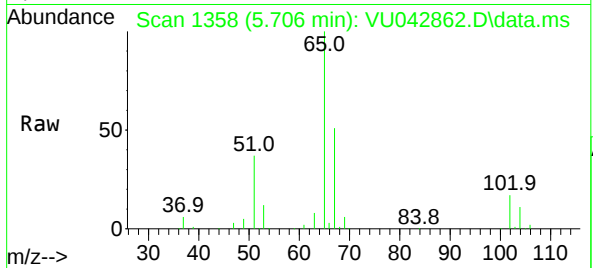




#33
 1,2-Dichloroethane-d4
 Concen: 49.26 ug/l
 RT: 5.706 min Scan# 1358
 Delta R.T. -0.003 min
 Lab File: VU042862.D
 Acq: 31 Mar 2021 17:03

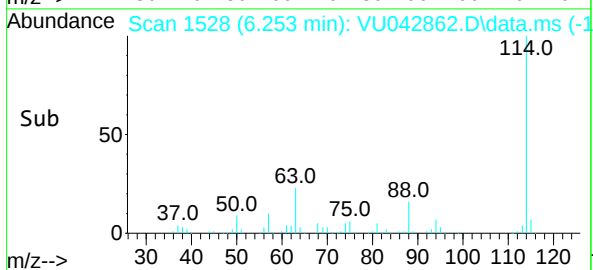
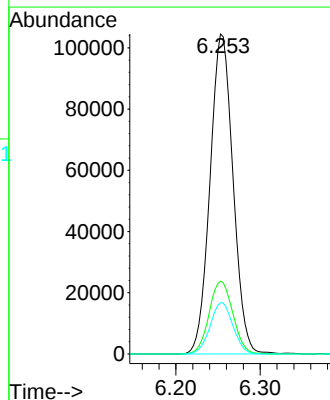
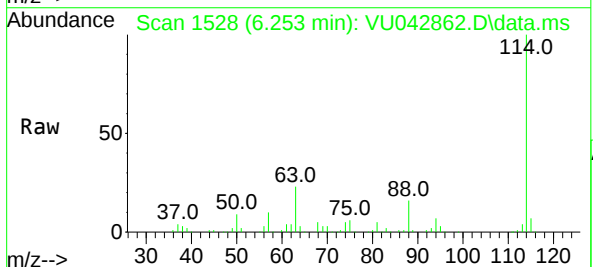
Instrument :
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 B3-0-2ME

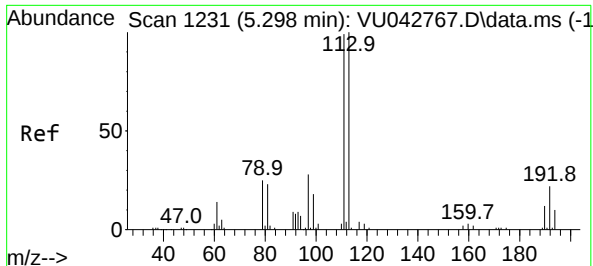
Tgt Ion: 65 Resp: 97305
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 98.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.253 min Scan# 1528
 Delta R.T. -0.007 min
 Lab File: VU042862.D
 Acq: 31 Mar 2021 17:03

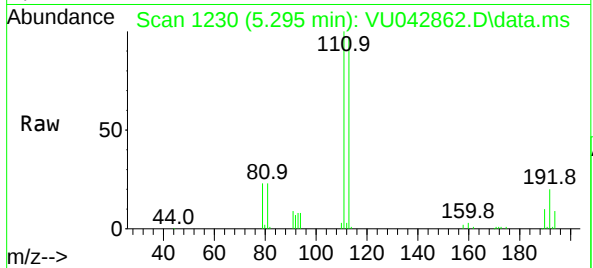
Tgt Ion: 114 Resp: 198116
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 46.8
 88 16.1 0.0 32.2



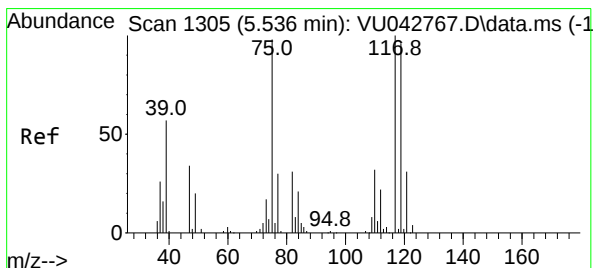
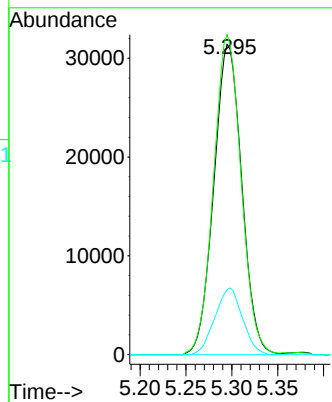
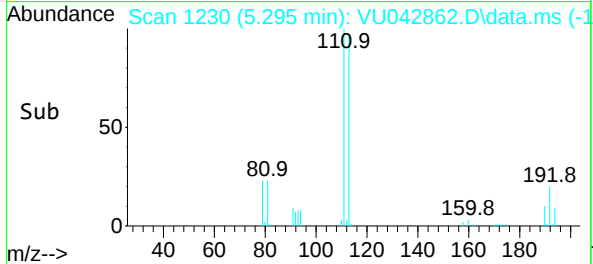


#35
Dibromofluoromethane
Concen: 45.00 ug/l
RT: 5.295 min Scan# 1230
Delta R.T. -0.003 min
Lab File: VU042862.D
Acq: 31 Mar 2021 17:03

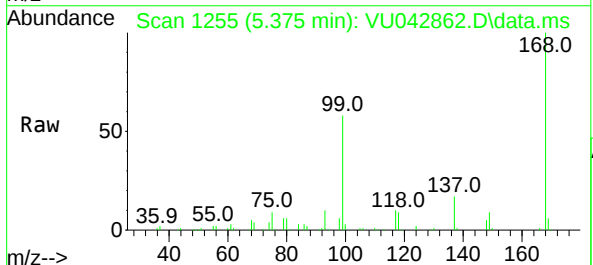
Instrument :
MSVOA_U
ClientSampleId :
B3-0-2ME



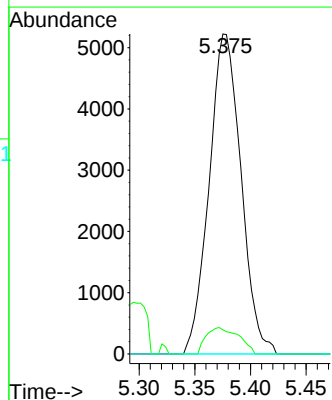
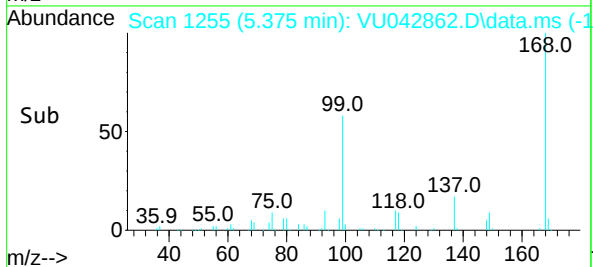
Tgt Ion:113 Resp: 66532
Ion Ratio Lower Upper
113 100
111 101.8 82.1 123.1
192 21.2 17.6 26.4

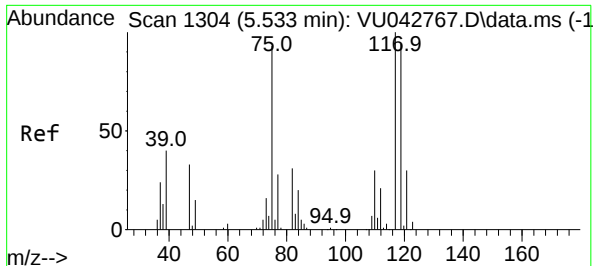


#36
1,1-Dichloropropene
Concen: 5.31 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.161 min
Lab File: VU042862.D
Acq: 31 Mar 2021 17:03



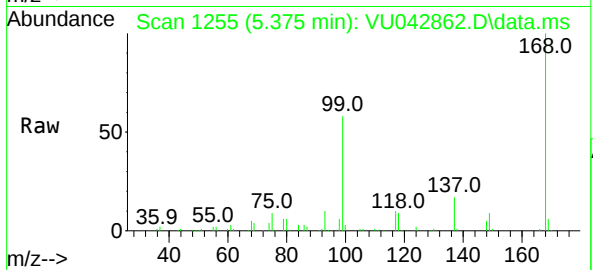
Tgt Ion: 75 Resp: 10396
Ion Ratio Lower Upper
75 100
110 8.4 16.6 49.7#
77 0.0 24.7 37.1#



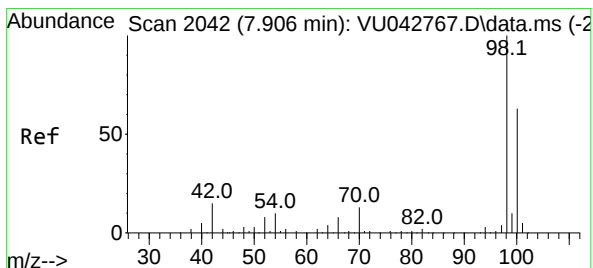
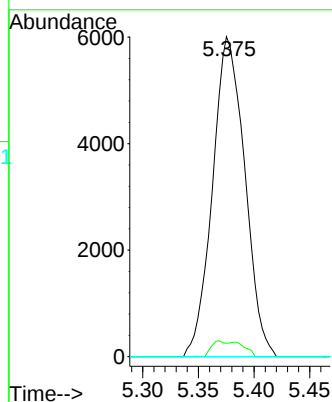
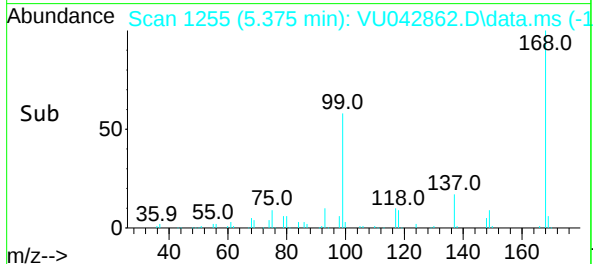


#38
Carbon Tetrachloride
Concen: 5.41 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.158 min
Lab File: VU042862.D
Acq: 31 Mar 2021 17:03

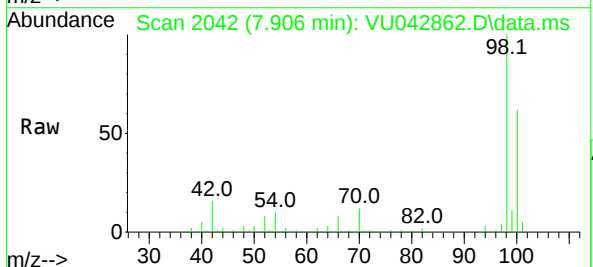
Instrument :
MSVOA_U
ClientSampleId :
B3-0-2ME



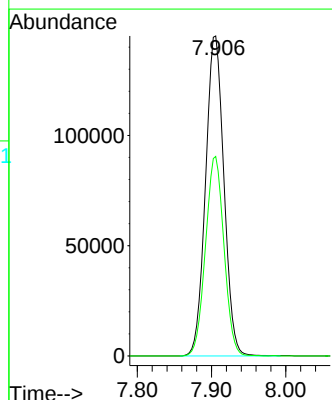
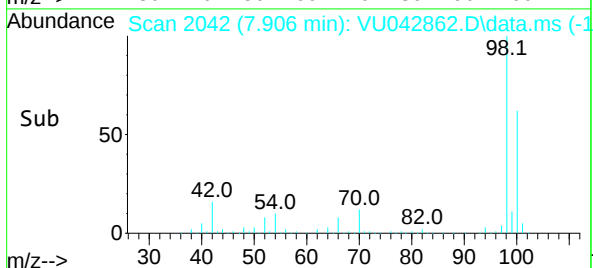
Tgt Ion:117 Resp: 12110
Ion Ratio Lower Upper
117 100
119 4.2 75.2 112.8#
121 0.0 24.2 36.4#

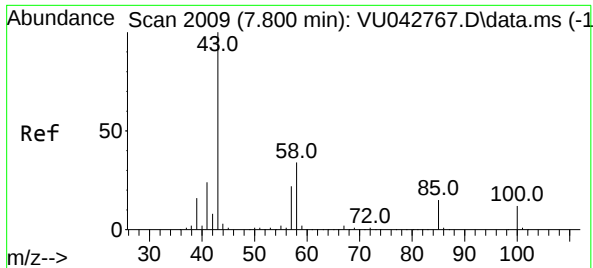


#50
Toluene-d8
Concen: 47.91 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU042862.D
Acq: 31 Mar 2021 17:03



Tgt Ion: 98 Resp: 249229
Ion Ratio Lower Upper
98 100
100 62.7 50.4 75.6

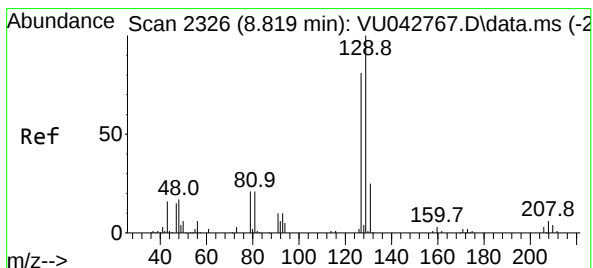
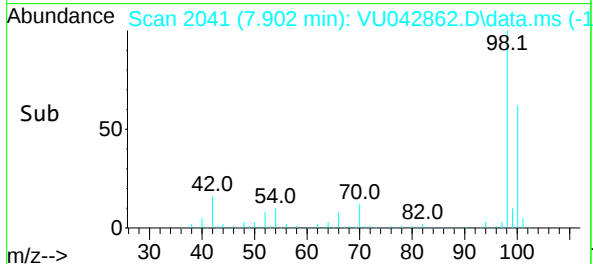
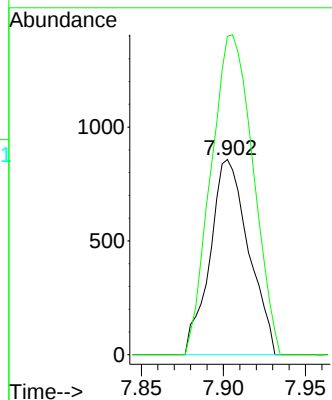
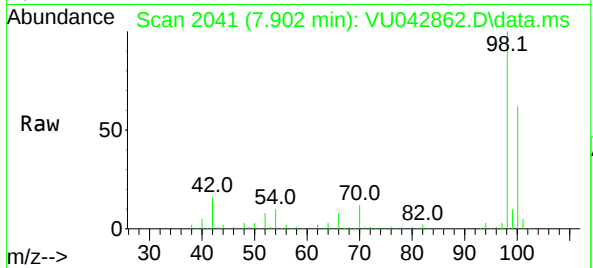




#51
4-Methyl-2-Pentanone
Concen: 0.44 ug/l
RT: 7.902 min Scan# 2041
Delta R.T. 0.103 min
Lab File: VU042862.D
Acq: 31 Mar 2021 17:03

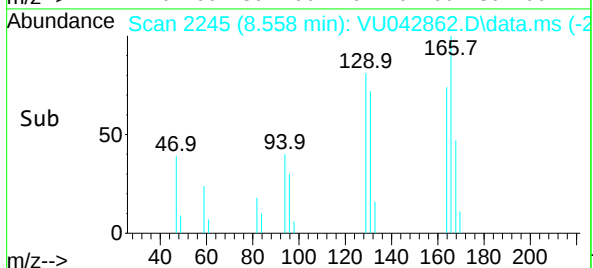
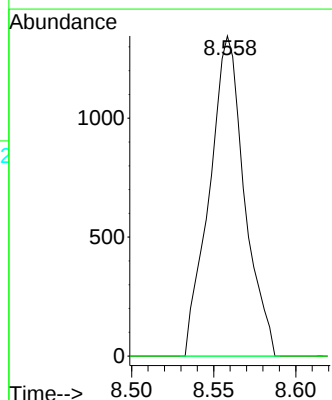
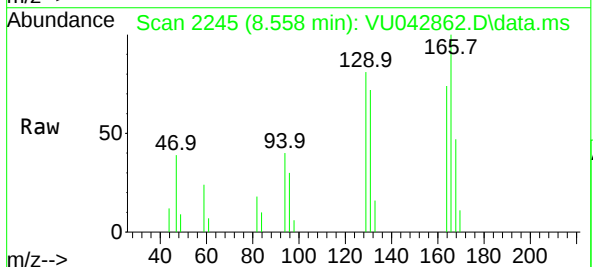
Instrument :
MSVOA_U
ClientSampled :
B3-0-2ME

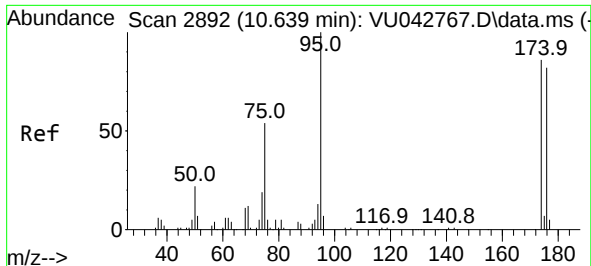
Tgt Ion: 43 Resp: 1401
Ion Ratio Lower Upper
43 100
58 178.6 27.4 41.2#



#60
Dibromochloromethane
Concen: 1.11 ug/l
RT: 8.558 min Scan# 2245
Delta R.T. -0.261 min
Lab File: VU042862.D
Acq: 31 Mar 2021 17:03

Tgt Ion: 129 Resp: 1997
Ion Ratio Lower Upper
129 100
127 0.0 39.4 118.2#

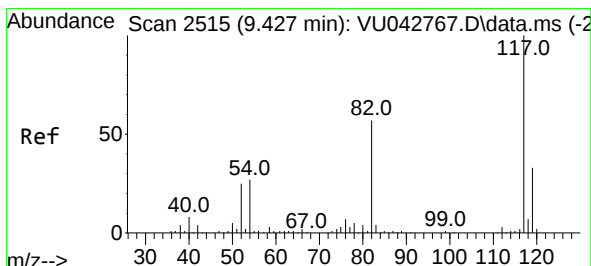
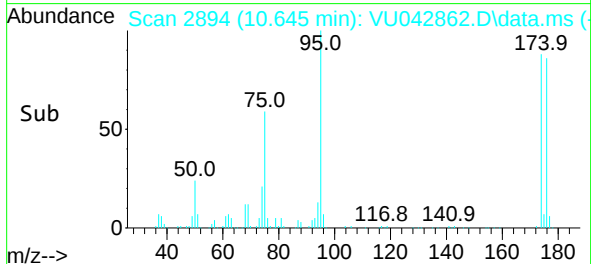
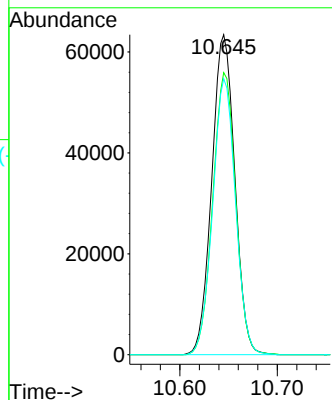
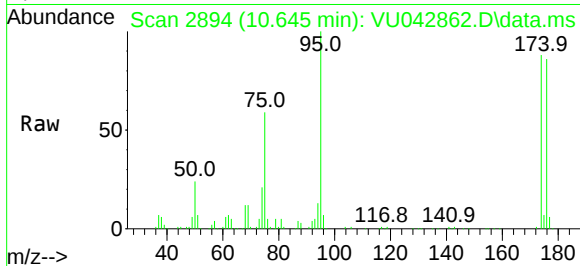




#62
4-Bromofluorobenzene
Concen: 51.59 ug/l
RT: 10.645 min Scan# 2894
Delta R.T. 0.006 min
Lab File: VU042862.D
Acq: 31 Mar 2021 17:03

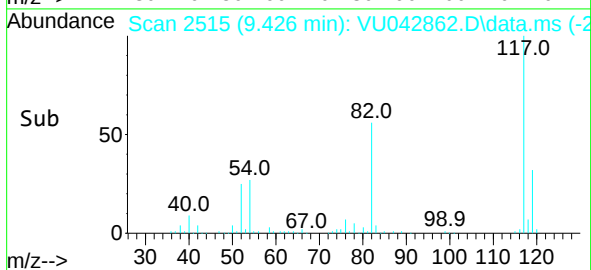
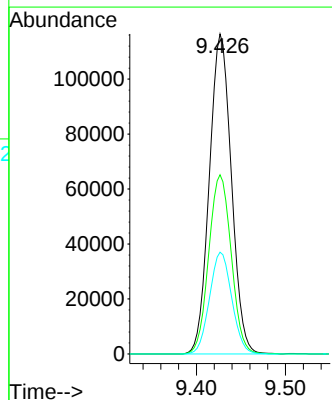
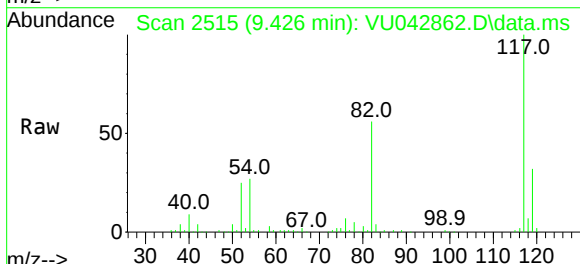
Instrument :
MSVOA_U
ClientSampleId :
B3-0-2ME

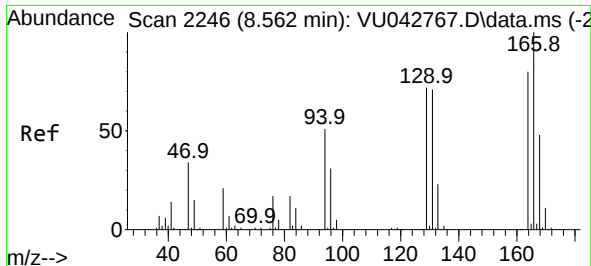
Tgt Ion: 95 Resp: 104279
Ion Ratio Lower Upper
95 100
174 87.7 0.0 175.2
176 85.2 0.0 167.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.426 min Scan# 2515
Delta R.T. -0.000 min
Lab File: VU042862.D
Acq: 31 Mar 2021 17:03

Tgt Ion: 117 Resp: 200014
Ion Ratio Lower Upper
117 100
82 56.0 45.5 68.3
119 31.8 26.2 39.4

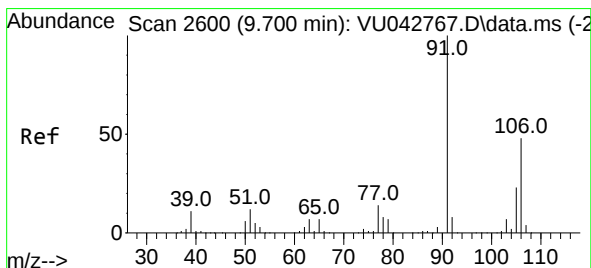
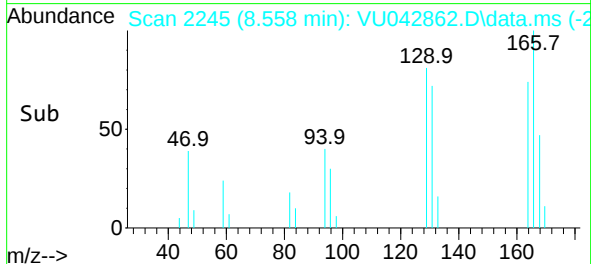
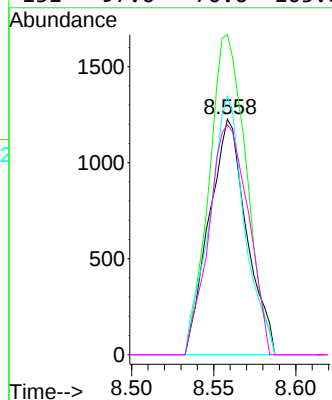
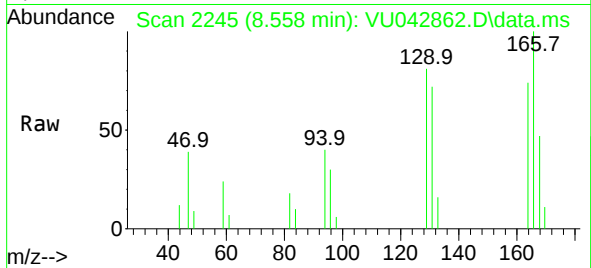




#64
Tetrachloroethene
Concen: 1.21 ug/l
RT: 8.558 min Scan# 2245
Delta R.T. -0.003 min
Lab File: VU042862.D
Acq: 31 Mar 2021 17:03

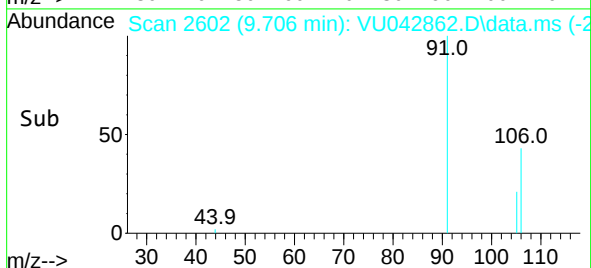
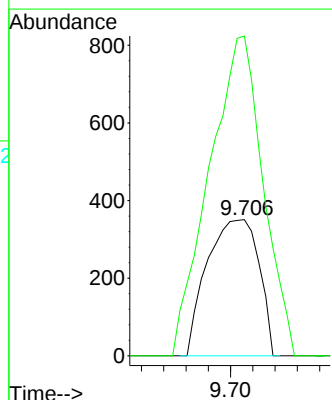
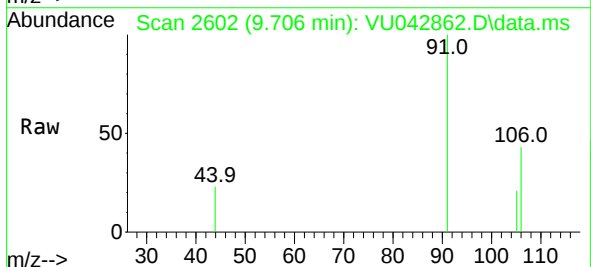
Instrument :
MSVOA_U
ClientSampleId :
B3-0-2ME

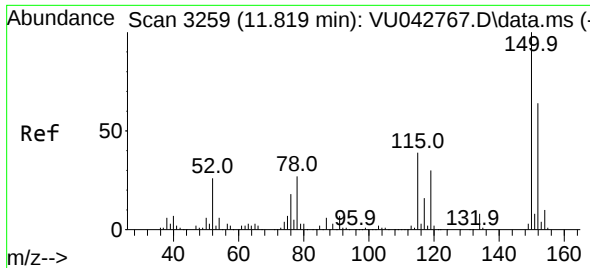
Tgt Ion:164 Resp: 1953
Ion Ratio Lower Upper
164 100
166 135.9 99.9 149.9
129 109.7 71.6 107.4#
131 97.6 70.6 105.8



#68
m/p-Xylenes
Concen: 0.21 ug/l
RT: 9.706 min Scan# 2602
Delta R.T. 0.006 min
Lab File: VU042862.D
Acq: 31 Mar 2021 17:03

Tgt Ion:106 Resp: 567
Ion Ratio Lower Upper
106 100
91 243.4 168.3 252.5

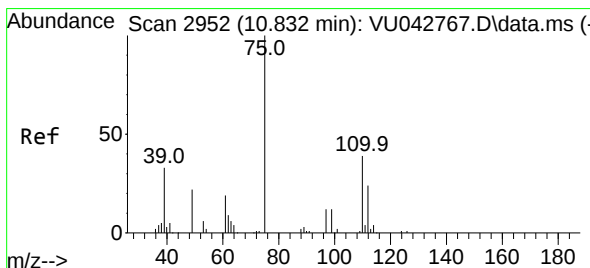
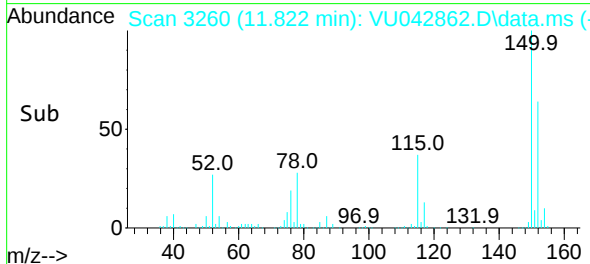
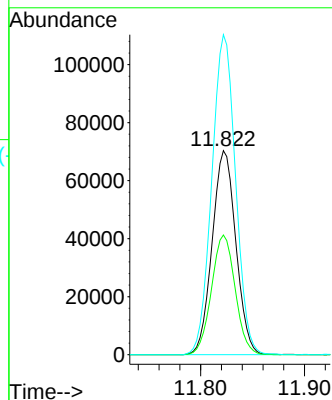
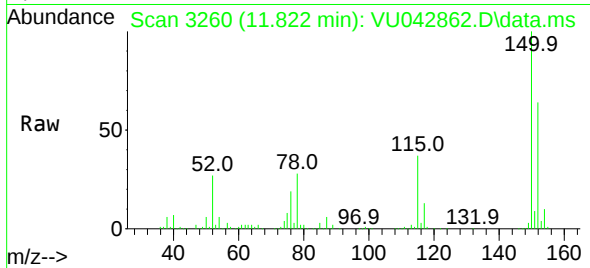




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 11.822 min Scan# 3260
 Delta R.T. 0.003 min
 Lab File: VU042862.D
 Acq: 31 Mar 2021 17:03

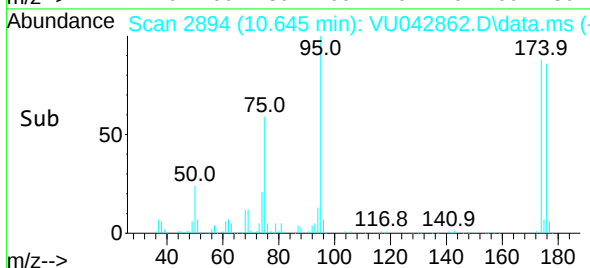
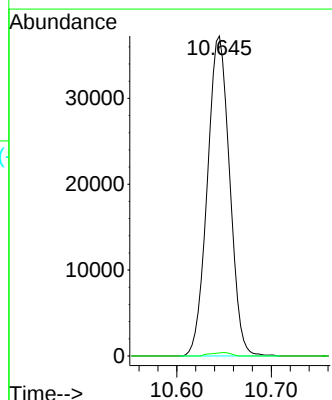
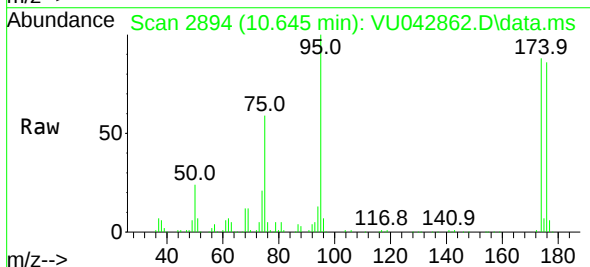
Instrument :
 MSVOA_U
 ClientSampled :
 B3-0-2ME

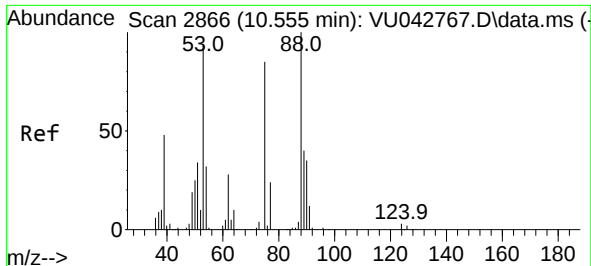
Tgt Ion:152 Resp: 111724
 Ion Ratio Lower Upper
 152 100
 115 58.5 41.0 123.0
 150 157.0 0.0 341.0



#76
 1,2,3-Trichloropropane
 Concen: 21.50 ug/l
 RT: 10.645 min Scan# 2894
 Delta R.T. -0.187 min
 Lab File: VU042862.D
 Acq: 31 Mar 2021 17:03

Tgt Ion: 75 Resp: 61082
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.6 58.8#

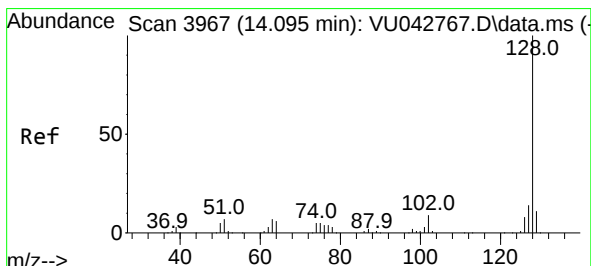
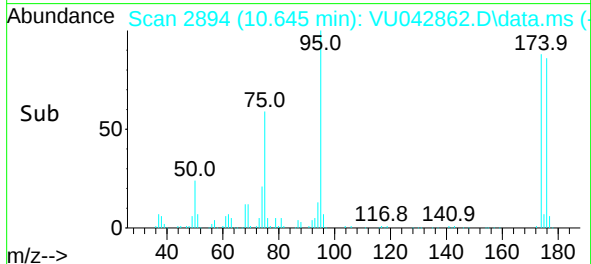
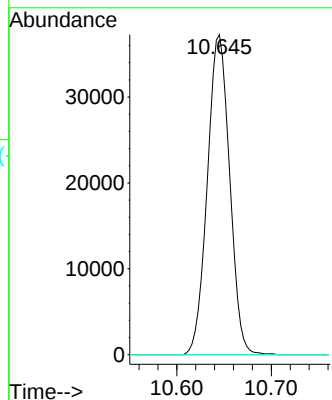
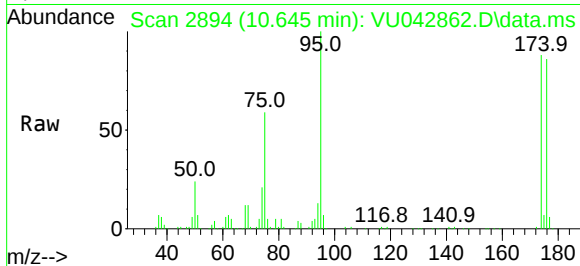




#81
trans-1,4-Dichloro-2-butene
Concen: 63.69 ug/l
RT: 10.645 min Scan# 2894
Delta R.T. 0.090 min
Lab File: VU042862.D
Acq: 31 Mar 2021 17:03

Instrument :
MSVOA_U
ClientSampleId :
B3-0-2ME

Tgt Ion: 75 Resp: 61082
Ion Ratio Lower Upper
75 100
53 0.0 88.3 132.5#
89 0.0 35.7 53.5#



#95
Naphthalene
Concen: 8.04 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.000 min
Lab File: VU042862.D
Acq: 31 Mar 2021 17:03

Tgt Ion:128 Resp: 43620
Ion Ratio Lower Upper
128 100
127 13.3 10.9 16.3
129 11.1 8.7 13.1

