

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061621\
 Data File : VU044231.D
 Acq On : 16 Jun 2021 10:39
 Operator : SY/MD
 Sample : VU0616WBL01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 17 04:54:11 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)

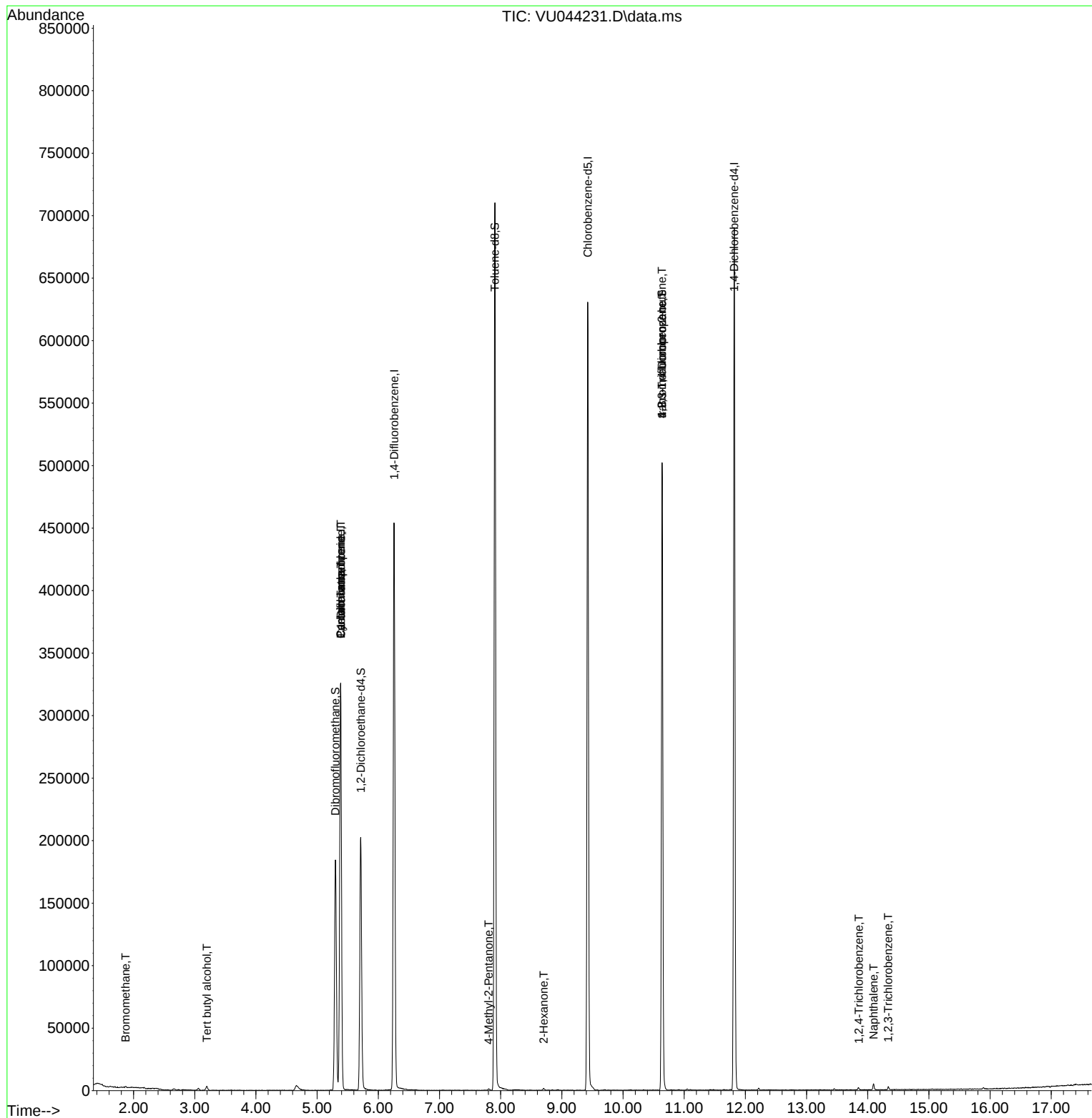
Internal Standards						
1) Pentafluorobenzene	5.385	168	222923	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.260	114	375118	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	354547	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	182466	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.713	65	149743	42.240	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.480%	
35) Dibromofluoromethane	5.298	113	121750	46.658	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.320%	
50) Toluene-d8	7.906	98	472174	47.116	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.240%	
62) 4-Bromofluorobenzene	10.639	95	176758	44.012	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.020%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.527	50	376	Below Cal		89
5) Bromomethane	1.871	94	432	0.279 ug/l		87
6) Chloroethane	1.877	64	215	Below Cal	#	42
11) Tert butyl alcohol	3.199	59	2075	2.176 ug/l	#	73
16) Acetone	2.655	43	1782	Below Cal	#	83
20) Methylene Chloride	3.060	84	803	Below Cal		88
31) Cyclohexane	5.385	56	4432	0.886 ug/l	#	1
36) 1,1-Dichloropropene	5.385	75	18383	4.405 ug/l	#	50
38) Carbon Tetrachloride	5.385	117	22974	6.097 ug/l	#	17
51) 4-Methyl-2-Pentanone	7.803	43	1304	0.254 ug/l	#	80
59) 2-Hexanone	8.703	43	1477	0.361 ug/l		69
76) 1,2,3-Trichloropropane	10.639	75	85390	13.958 ug/l	#	47
81) trans-1,4-Dichloro-2-b...	10.639	75	85390	50.597 ug/l	#	13
93) 1,2,4-Trichlorobenzene	13.854	180	819	0.215 ug/l		96
95) Naphthalene	14.095	128	4478	3.165 ug/l	#	96
96) 1,2,3-Trichlorobenzene	14.336	180	1017	0.275 ug/l		90

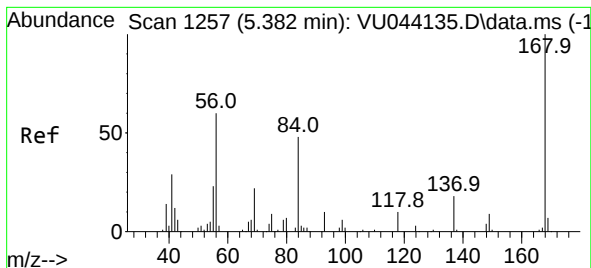
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Acq On : 16 Jun 2021 10:39
Operator : SY/MD
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Misc : 5.0mL/MSVOA_U/WATER
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MSVOA_U
ClientSampleId :

Quant Time: Jun 17 04:54:11 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.385 min Scan# 1258

Delta R.T. 0.003 min

Lab File: VU044231.D

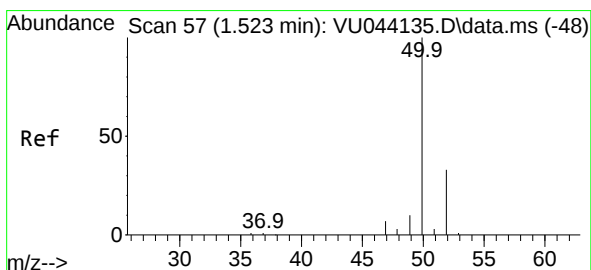
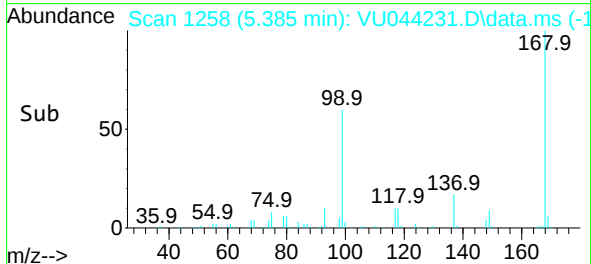
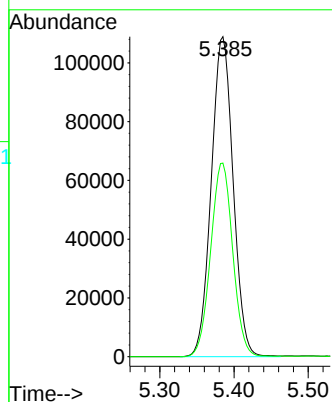
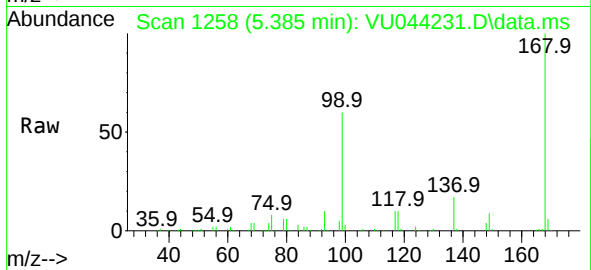
Acq: 16 Jun 2021 10:39

Tgt Ion:168 Resp: 222923

Ion Ratio Lower Upper

168 100

99 60.5 51.3 76.9



#3

Chloromethane

Concen: Below Cal

RT: 1.527 min Scan# 58

Delta R.T. 0.004 min

Lab File: VU044231.D

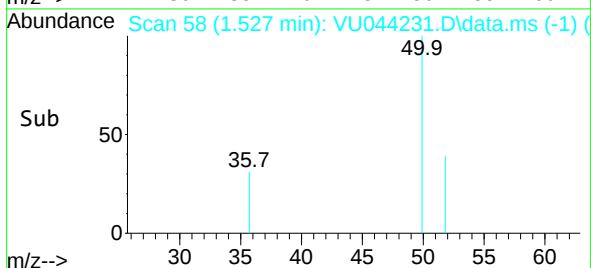
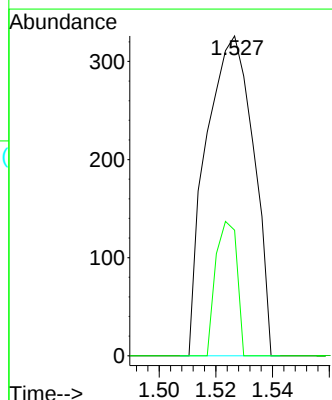
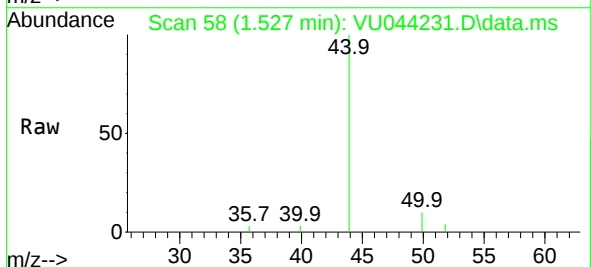
Acq: 16 Jun 2021 10:39

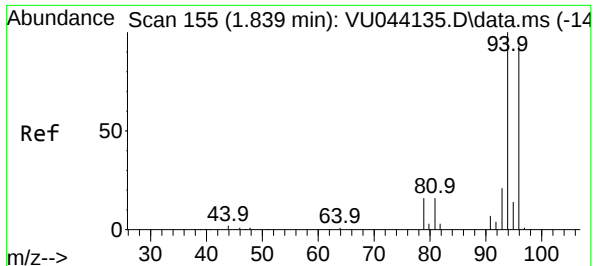
Tgt Ion: 50 Resp: 376

Ion Ratio Lower Upper

50 100

52 39.3 26.6 39.8





#5

Bromomethane

Concen: 0.279 ug/l

RT: 1.871 min Scan# 165

Delta R.T. 0.032 min

Lab File: VU044231.D

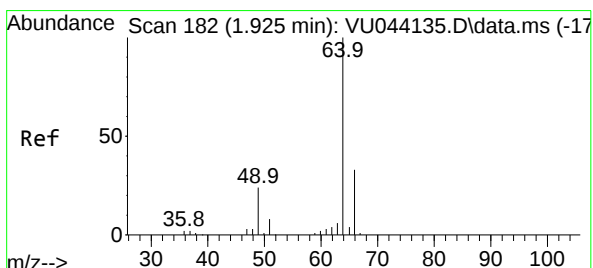
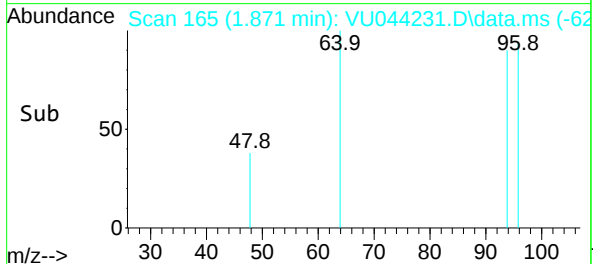
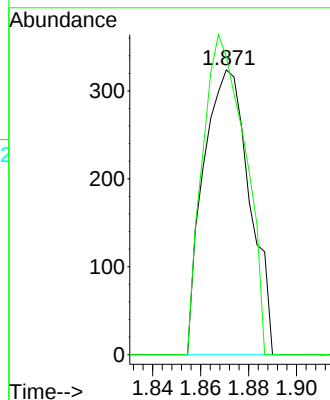
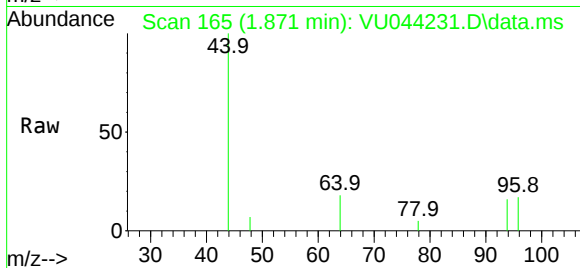
Acq: 16 Jun 2021 10:39

Tgt Ion: 94 Resp: 432

Ion Ratio Lower Upper

94 100

96 104.6 74.1 111.1



#6

Chloroethane

Concen: Below Cal

RT: 1.877 min Scan# 167

Delta R.T. -0.048 min

Lab File: VU044231.D

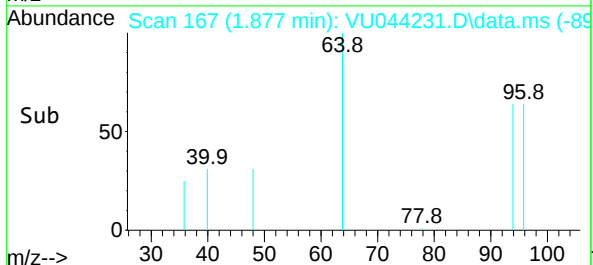
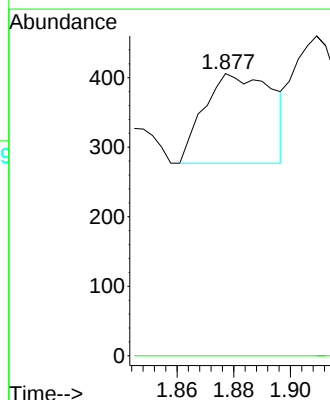
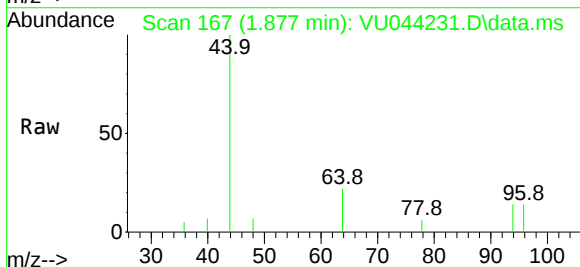
Acq: 16 Jun 2021 10:39

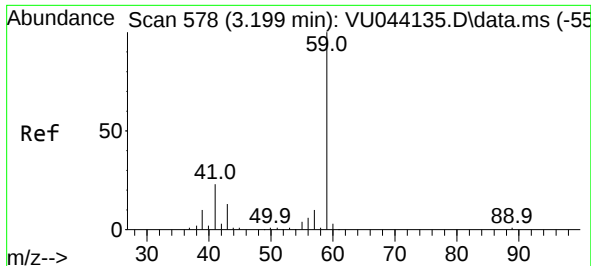
Tgt Ion: 64 Resp: 215

Ion Ratio Lower Upper

64 100

66 0.0 26.1 39.1#



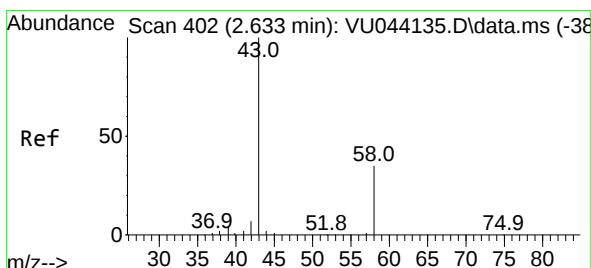
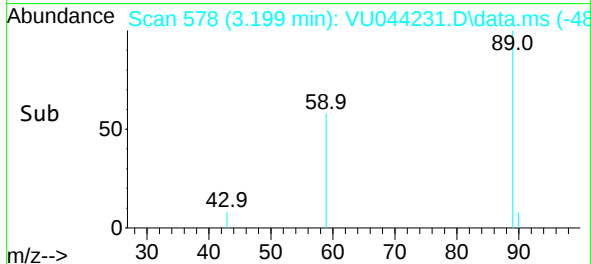
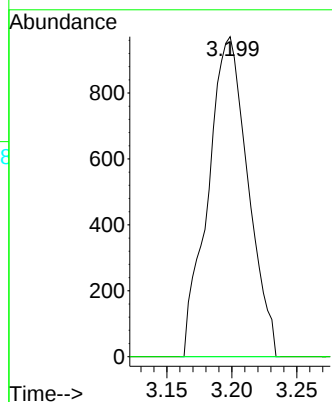
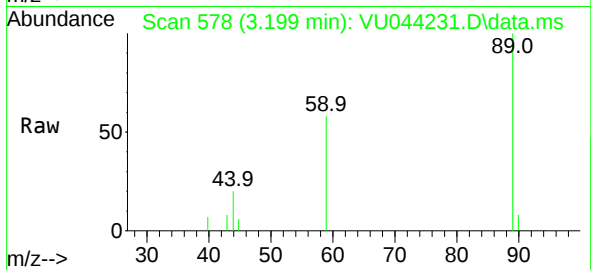


#11

Tert butyl alcohol
Concen: 2.176 ug/l
RT: 3.199 min Scan# 578
Delta R.T. -0.000 min
Lab File: VU044231.D
Acq: 16 Jun 2021 10:39

Instrument :
MSVOA_U
ClientSampled :

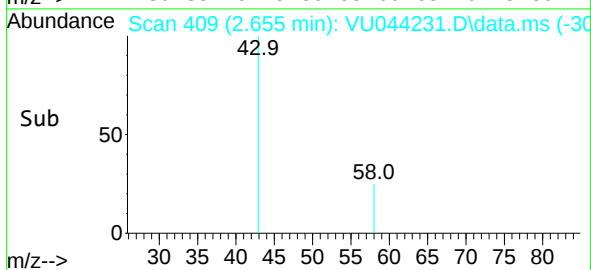
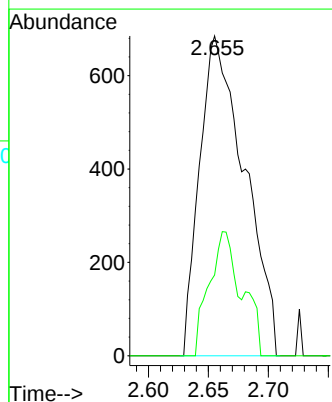
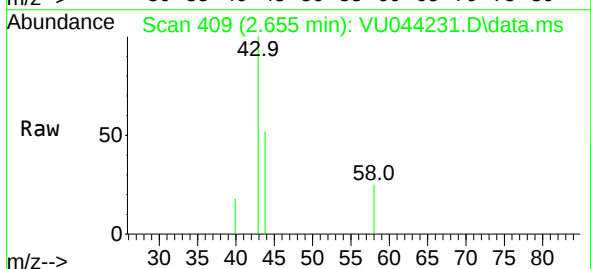
Tgt Ion: 59 Resp: 2075
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

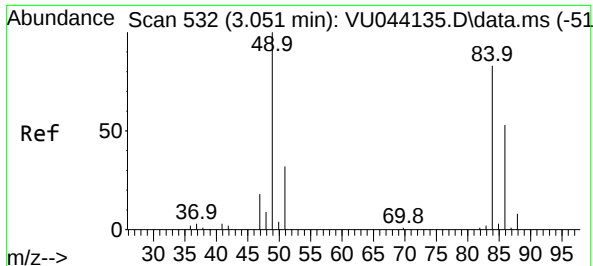


#16

Acetone
Concen: Below Cal
RT: 2.655 min Scan# 409
Delta R.T. 0.022 min
Lab File: VU044231.D
Acq: 16 Jun 2021 10:39

Tgt Ion: 43 Resp: 1782
Ion Ratio Lower Upper
43 100
58 25.3 28.0 42.0#





#20

Methylene Chloride

Concen: Below Cal

RT: 3.060 min Scan# 535

Delta R.T. 0.009 min

Lab File: VU044231.D

Acq: 16 Jun 2021 10:39

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 84 Resp: 803

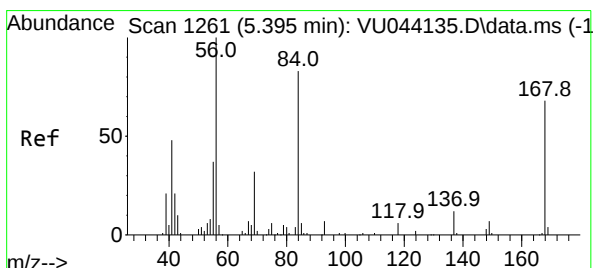
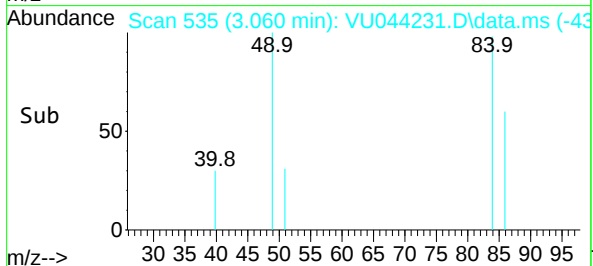
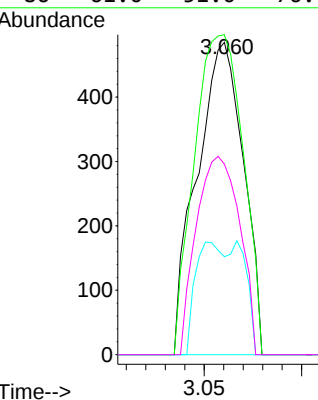
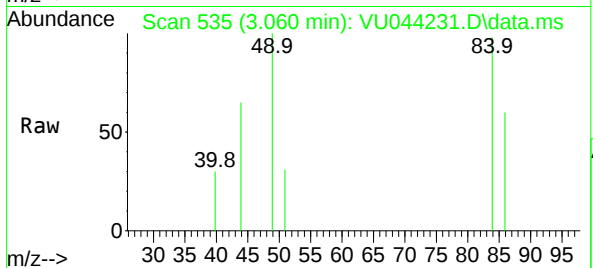
Ion Ratio Lower Upper

84 100

49 102.5 96.9 145.3

51 31.3 31.0 46.6

86 61.0 51.0 76.6



#31

Cyclohexane

Concen: 0.886 ug/l

RT: 5.385 min Scan# 1258

Delta R.T. -0.010 min

Lab File: VU044231.D

Acq: 16 Jun 2021 10:39

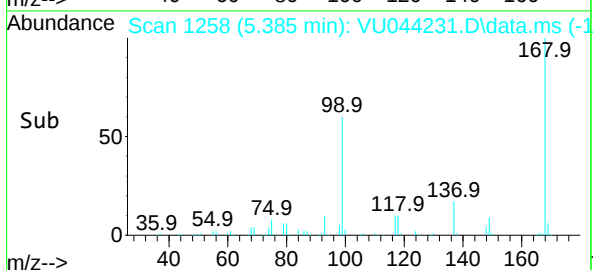
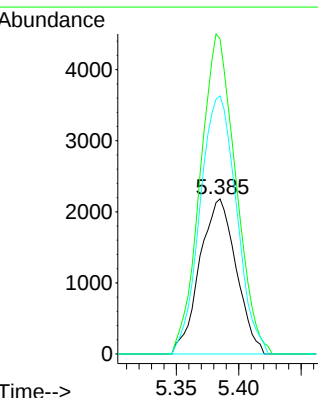
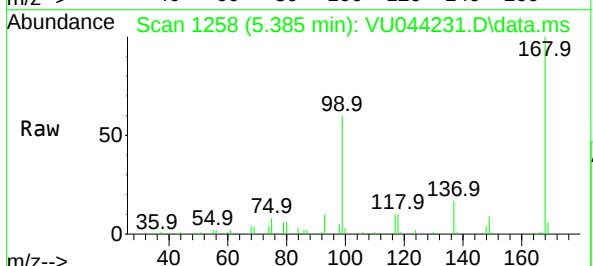
Tgt Ion: 56 Resp: 4432

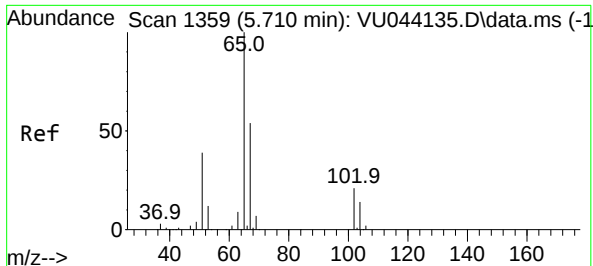
Ion Ratio Lower Upper

56 100

69 203.2 25.5 38.3#

84 166.4 66.3 99.5#



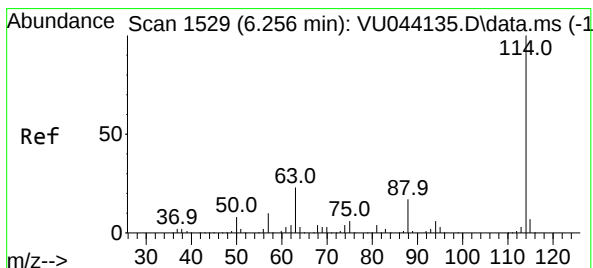
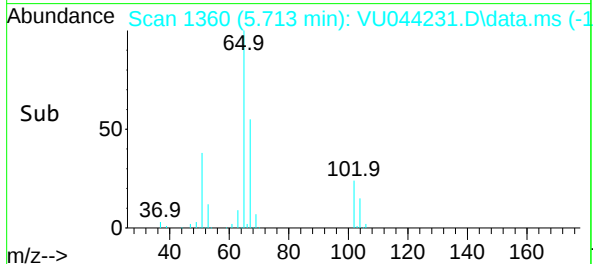
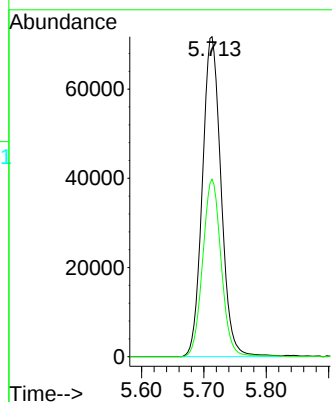
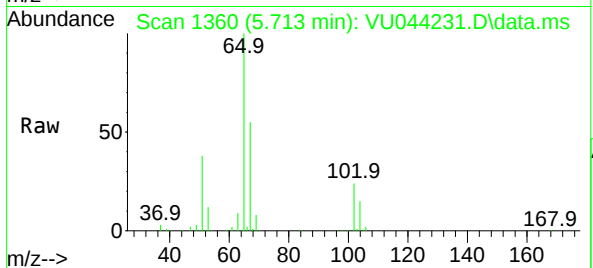


#33

1,2-Dichloroethane-d4
Concen: 42.240 ug/l
RT: 5.713 min Scan# 1360
Delta R.T. 0.003 min
Lab File: VU044231.D
Acq: 16 Jun 2021 10:39

Instrument :
MSVOA_U
ClientSampled :

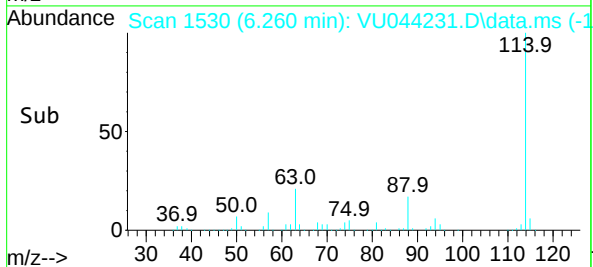
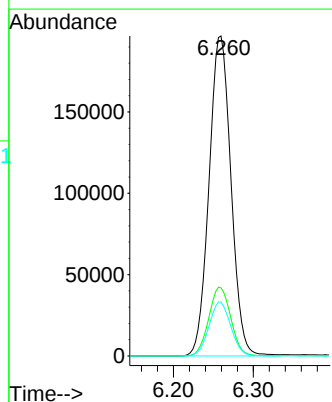
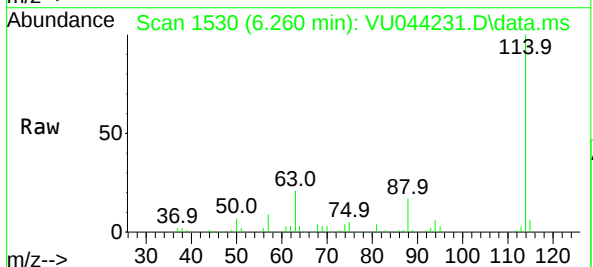
Tgt Ion: 65 Resp: 149743
Ion Ratio Lower Upper
65 100
67 54.9 0.0 106.6

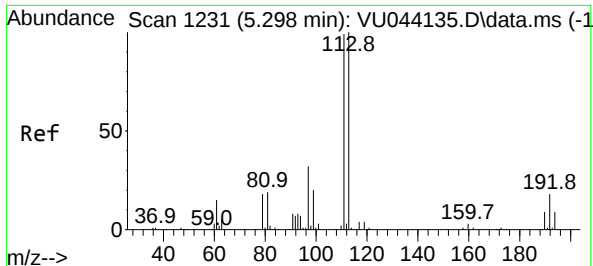


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.260 min Scan# 1530
Delta R.T. 0.004 min
Lab File: VU044231.D
Acq: 16 Jun 2021 10:39

Tgt Ion: 114 Resp: 375118
Ion Ratio Lower Upper
114 100
63 21.3 0.0 45.8
88 16.9 0.0 34.0



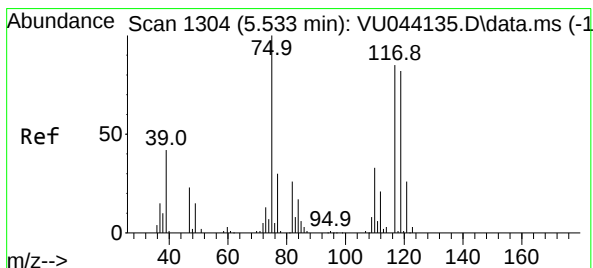
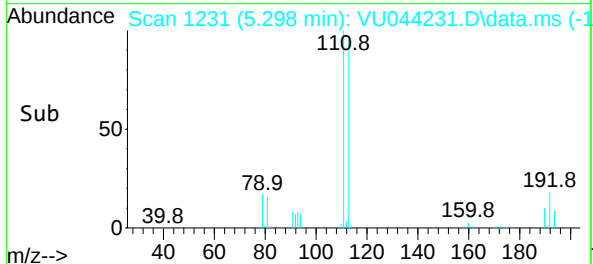
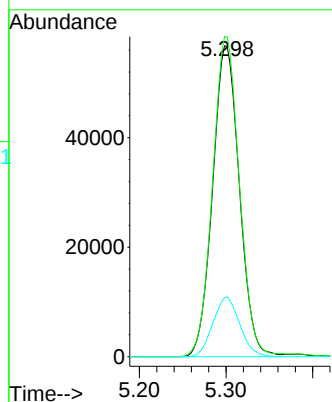
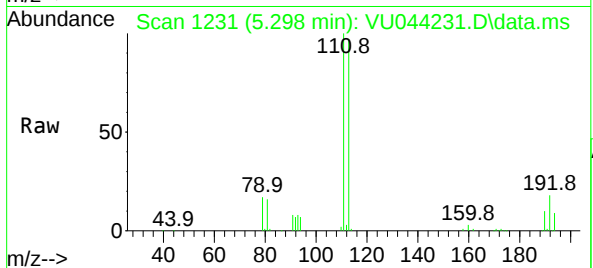


#35

Dibromofluoromethane
Concen: 46.658 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU044231.D
Acq: 16 Jun 2021 10:39

Instrument :
MSVOA_U
ClientSampleId :

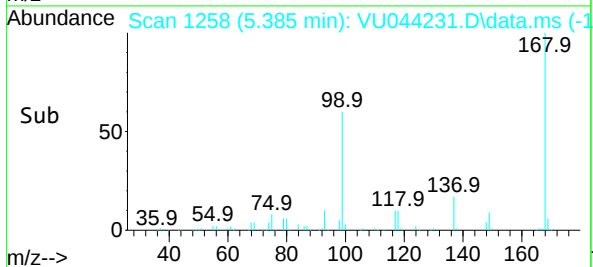
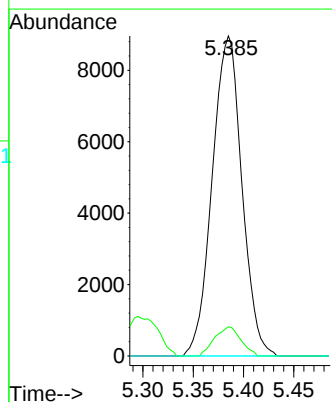
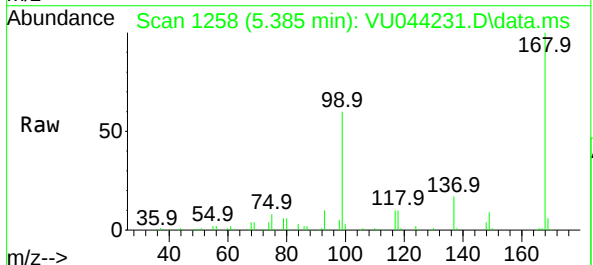
Tgt Ion:113 Resp: 121750
Ion Ratio Lower Upper
113 100
111 102.8 81.0 121.4
192 19.2 14.3 21.5

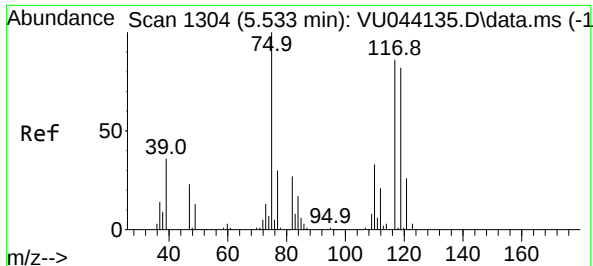


#36

1,1-Dichloropropene
Concen: 4.405 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. -0.148 min
Lab File: VU044231.D
Acq: 16 Jun 2021 10:39

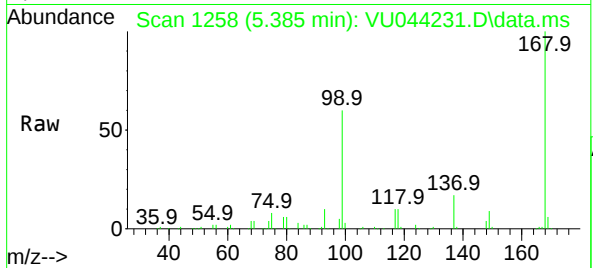
Tgt Ion: 75 Resp: 18383
Ion Ratio Lower Upper
75 100
110 8.0 16.4 49.4#
77 0.0 24.7 37.1#



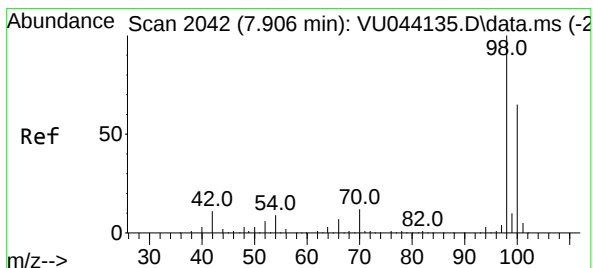
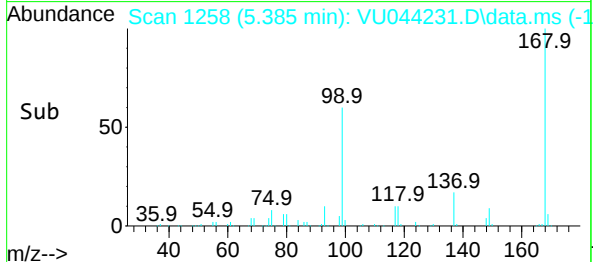
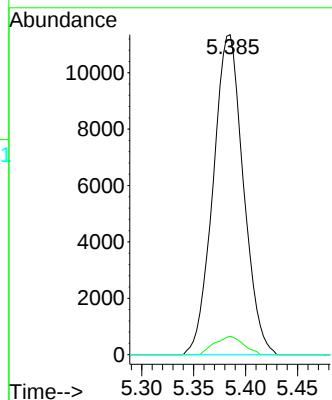


#38
Carbon Tetrachloride
Concen: 6.097 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. -0.148 min
Lab File: VU044231.D
Acq: 16 Jun 2021 10:39

Instrument :
MSVOA_U
ClientSampled :

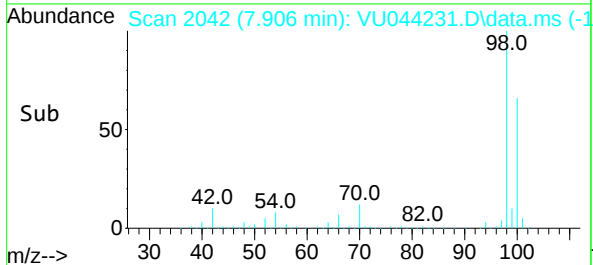
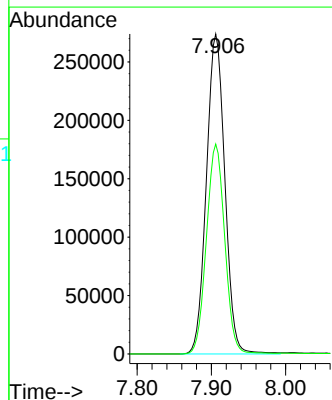
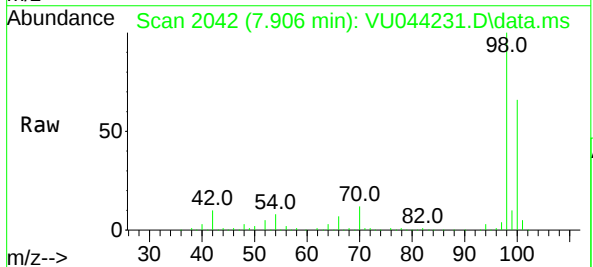


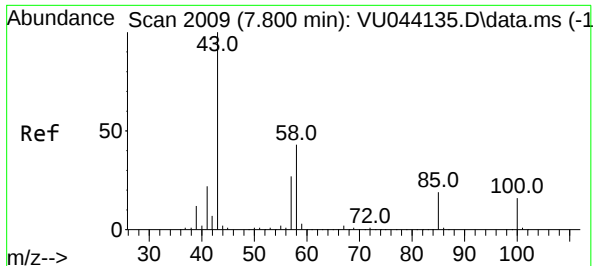
Tgt Ion:117 Resp: 22974
Ion Ratio Lower Upper
117 100
119 5.8 76.6 114.8#
121 0.0 24.6 36.8#



#50
Toluene-d8
Concen: 47.116 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU044231.D
Acq: 16 Jun 2021 10:39

Tgt Ion: 98 Resp: 472174
Ion Ratio Lower Upper
98 100
100 65.3 52.2 78.4

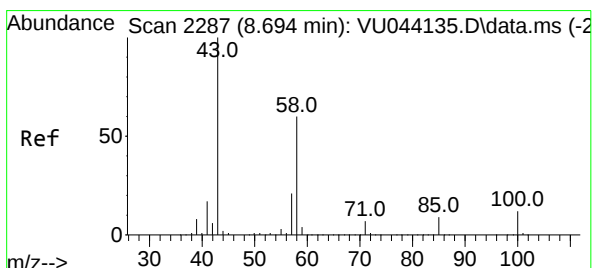
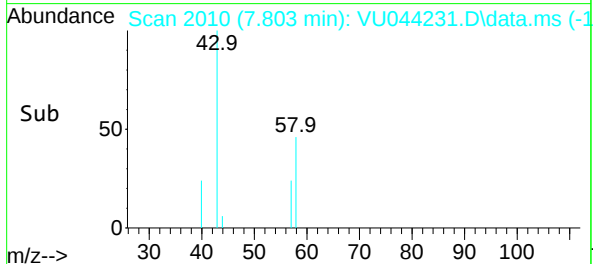
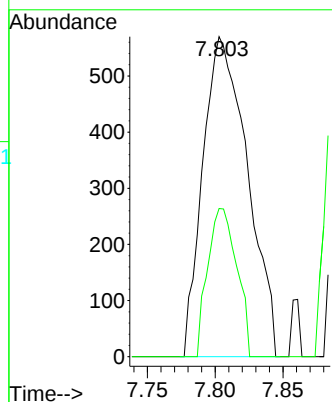
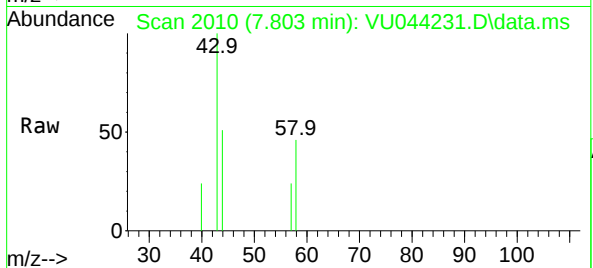




#51
4-Methyl-2-Pentanone
Concen: 0.254 ug/l
RT: 7.803 min Scan# 2010
Delta R.T. 0.003 min
Lab File: VU044231.D
Acq: 16 Jun 2021 10:39

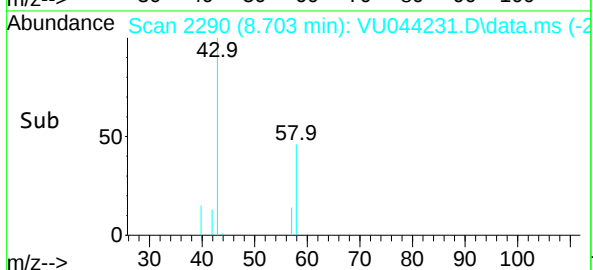
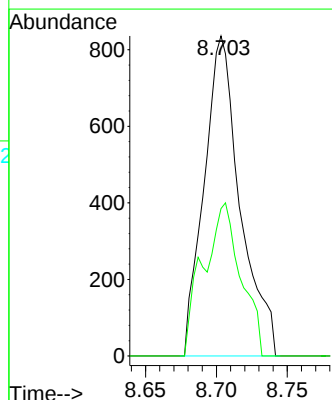
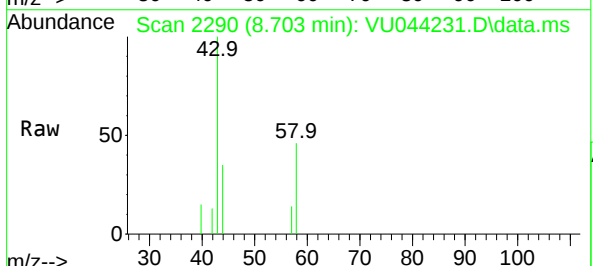
Instrument :
MSVOA_U
ClientSampled :

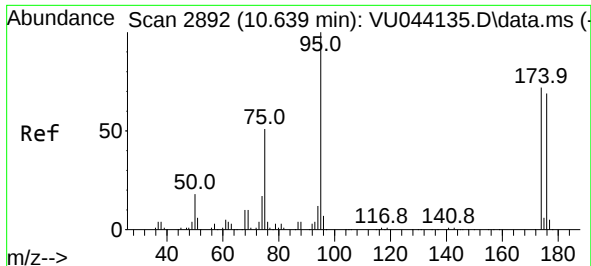
Tgt Ion: 43 Resp: 1304
Ion Ratio Lower Upper
43 100
58 30.1 34.5 51.7#



#59
2-Hexanone
Concen: 0.361 ug/l
RT: 8.703 min Scan# 2290
Delta R.T. 0.009 min
Lab File: VU044231.D
Acq: 16 Jun 2021 10:39

Tgt Ion: 43 Resp: 1477
Ion Ratio Lower Upper
43 100
58 36.6 30.0 90.1

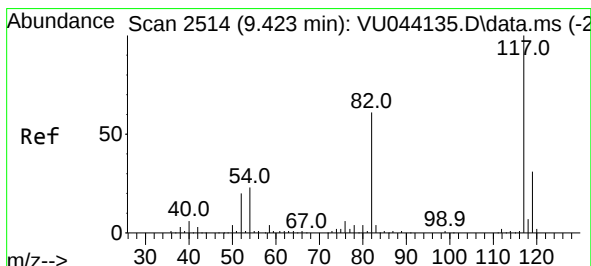
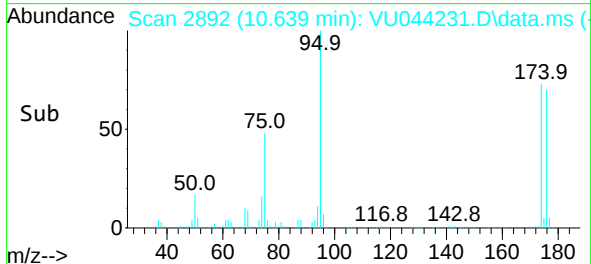
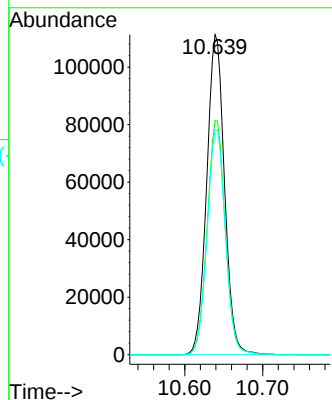
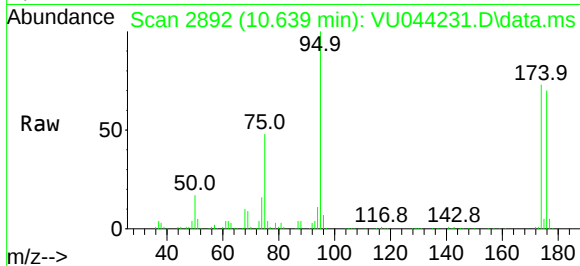




#62
4-Bromofluorobenzene
Concen: 44.012 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU044231.D
Acq: 16 Jun 2021 10:39

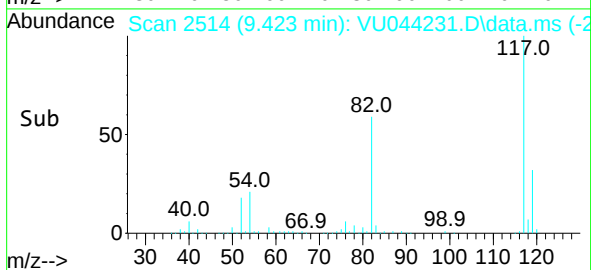
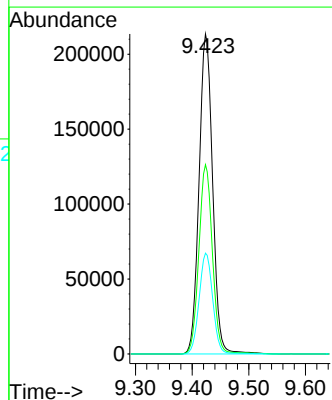
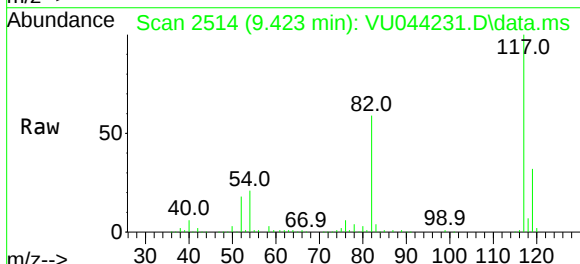
Instrument :
MSVOA_U
ClientSampleId :

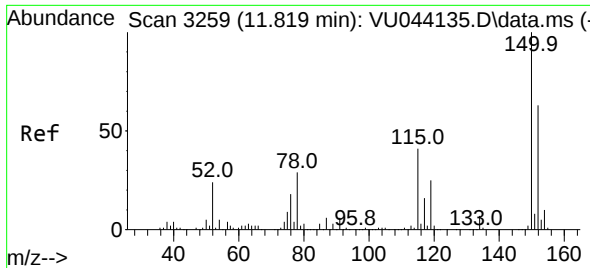
Tgt Ion: 95 Resp: 176758
Ion Ratio Lower Upper
95 100
174 74.8 0.0 144.4
176 72.1 0.0 138.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. -0.000 min
Lab File: VU044231.D
Acq: 16 Jun 2021 10:39

Tgt Ion: 117 Resp: 354547
Ion Ratio Lower Upper
117 100
82 59.2 48.8 73.2
119 31.5 25.0 37.6

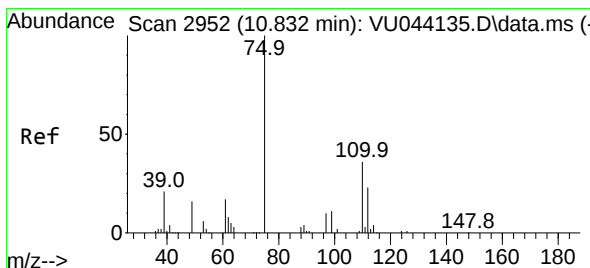
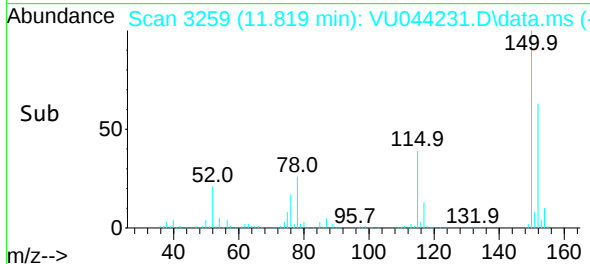
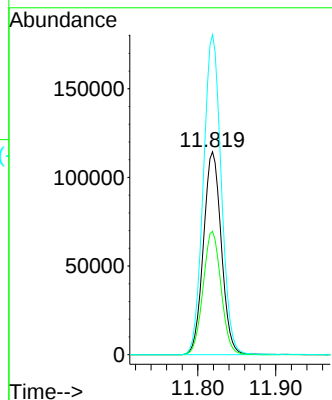
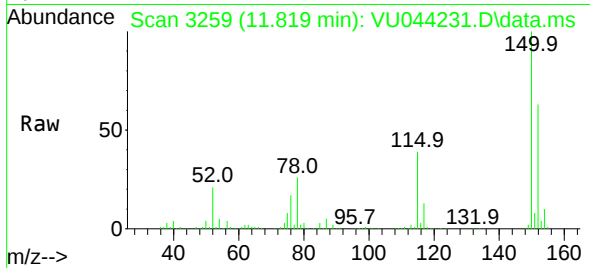




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.819 min Scan# 3259
 Delta R.T. -0.000 min
 Lab File: VU044231.D
 Acq: 16 Jun 2021 10:39

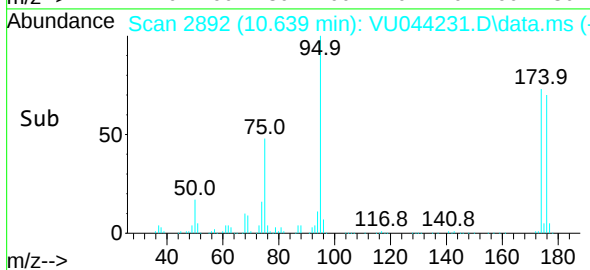
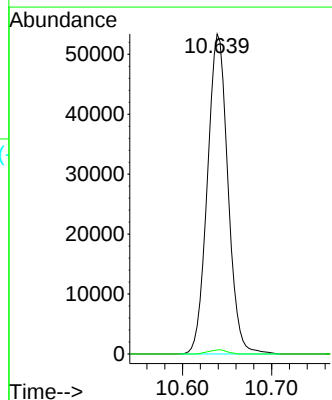
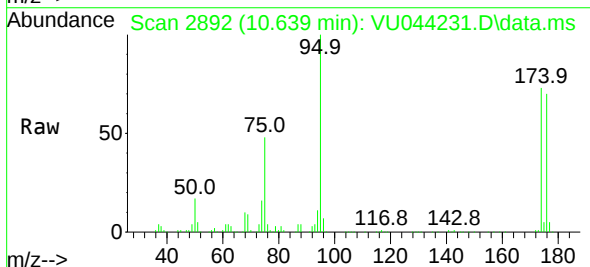
Instrument :
 MSVOA_U
 ClientSampled :

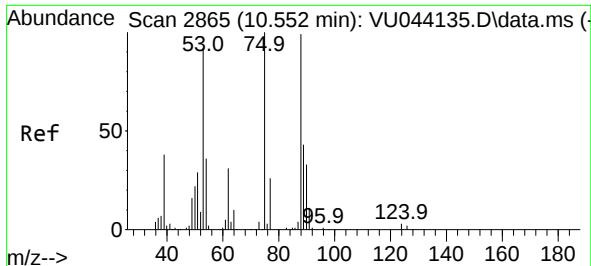
Tgt Ion:152 Resp: 182466
 Ion Ratio Lower Upper
 152 100
 115 61.0 43.8 131.3
 150 157.9 0.0 350.6



#76
 1,2,3-Trichloropropane
 Concen: 13.958 ug/l
 RT: 10.639 min Scan# 2892
 Delta R.T. -0.193 min
 Lab File: VU044231.D
 Acq: 16 Jun 2021 10:39

Tgt Ion: 75 Resp: 85390
 Ion Ratio Lower Upper
 75 100
 77 1.2 14.9 44.5#

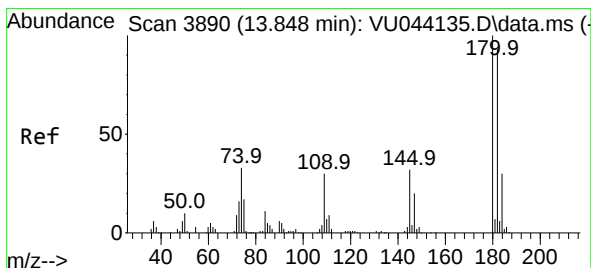
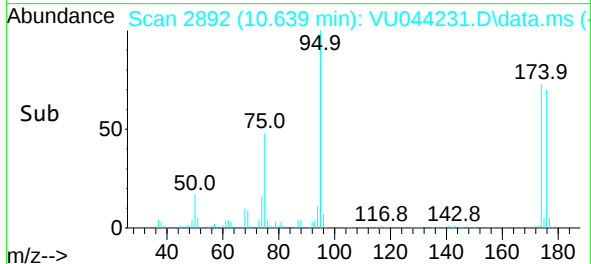
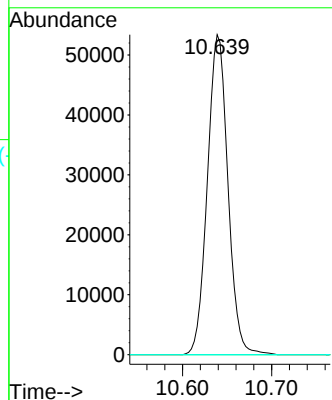
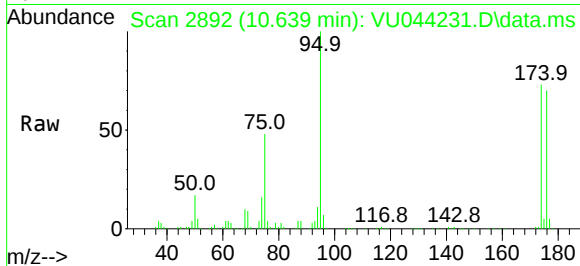




#81
 trans-1,4-Dichloro-2-butene
 Concen: 50.597 ug/l
 RT: 10.639 min Scan# 2892
 Delta R.T. 0.087 min
 Lab File: VU044231.D
 Acq: 16 Jun 2021 10:39

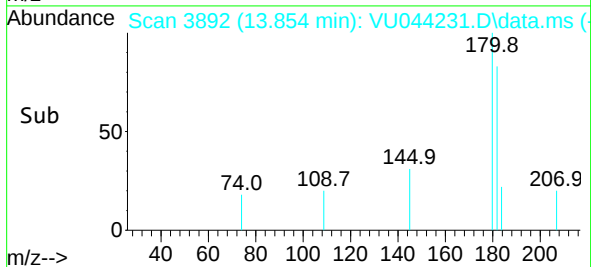
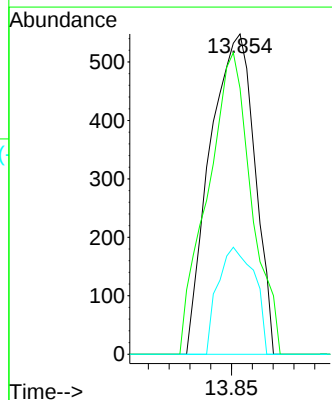
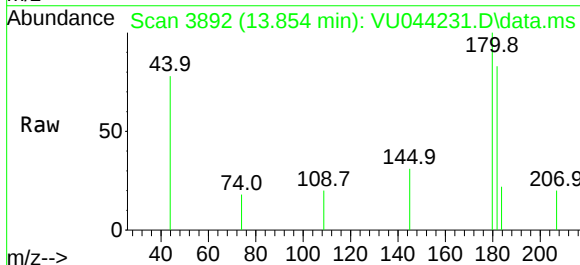
Instrument :
 MSVOA_U
 ClientSampleId :

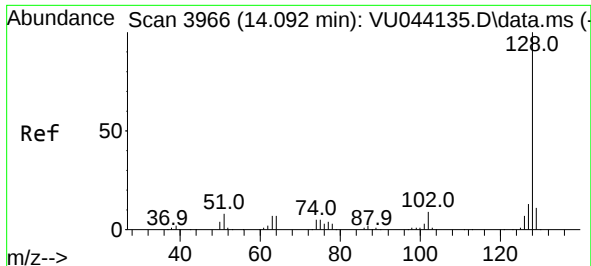
Tgt Ion: 75 Resp: 85390
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.2 111.2#
 89 0.0 35.0 52.6#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.215 ug/l
 RT: 13.854 min Scan# 3892
 Delta R.T. 0.006 min
 Lab File: VU044231.D
 Acq: 16 Jun 2021 10:39

Tgt Ion:180 Resp: 819
 Ion Ratio Lower Upper
 180 100
 182 92.2 47.3 141.8
 145 27.4 16.1 48.2

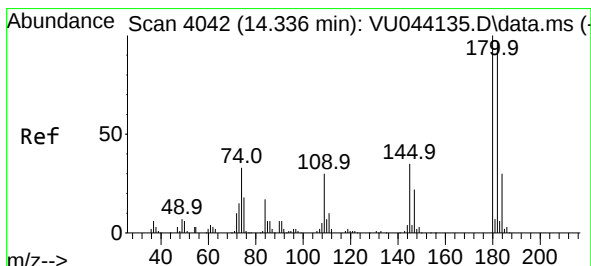
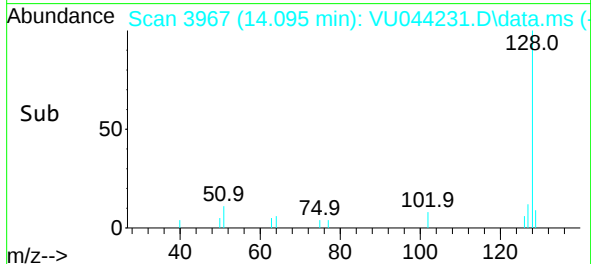
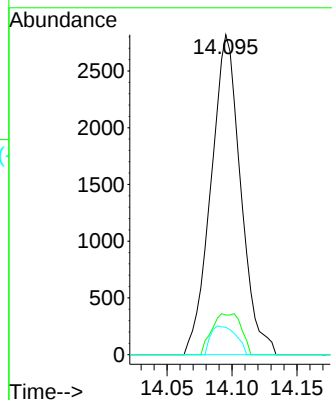
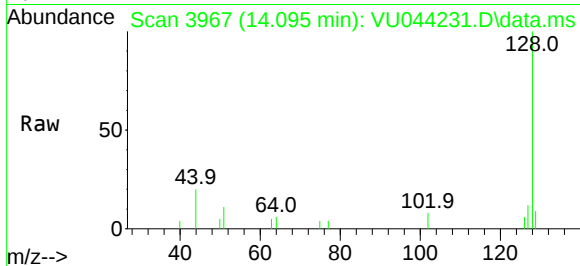




#95
Naphthalene
Concen: 3.165 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.003 min
Lab File: VU044231.D
Acq: 16 Jun 2021 10:39

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 4478
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.2
129 7.6 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 0.275 ug/l
RT: 14.336 min Scan# 4042
Delta R.T. 0.000 min
Lab File: VU044231.D
Acq: 16 Jun 2021 10:39

Tgt Ion:180 Resp: 1017
Ion Ratio Lower Upper
180 100
182 88.1 47.9 143.7
145 25.3 17.2 51.6

