

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041221\
 Data File : VU043024.D
 Acq On : 12 Apr 2021 15:38
 Operator : SY/MD
 Sample : M1946-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TRIP-BLANK

Quant Time: Apr 13 05:13:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U041221W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 12 13:17:29 2021
 Response via : Initial Calibration

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

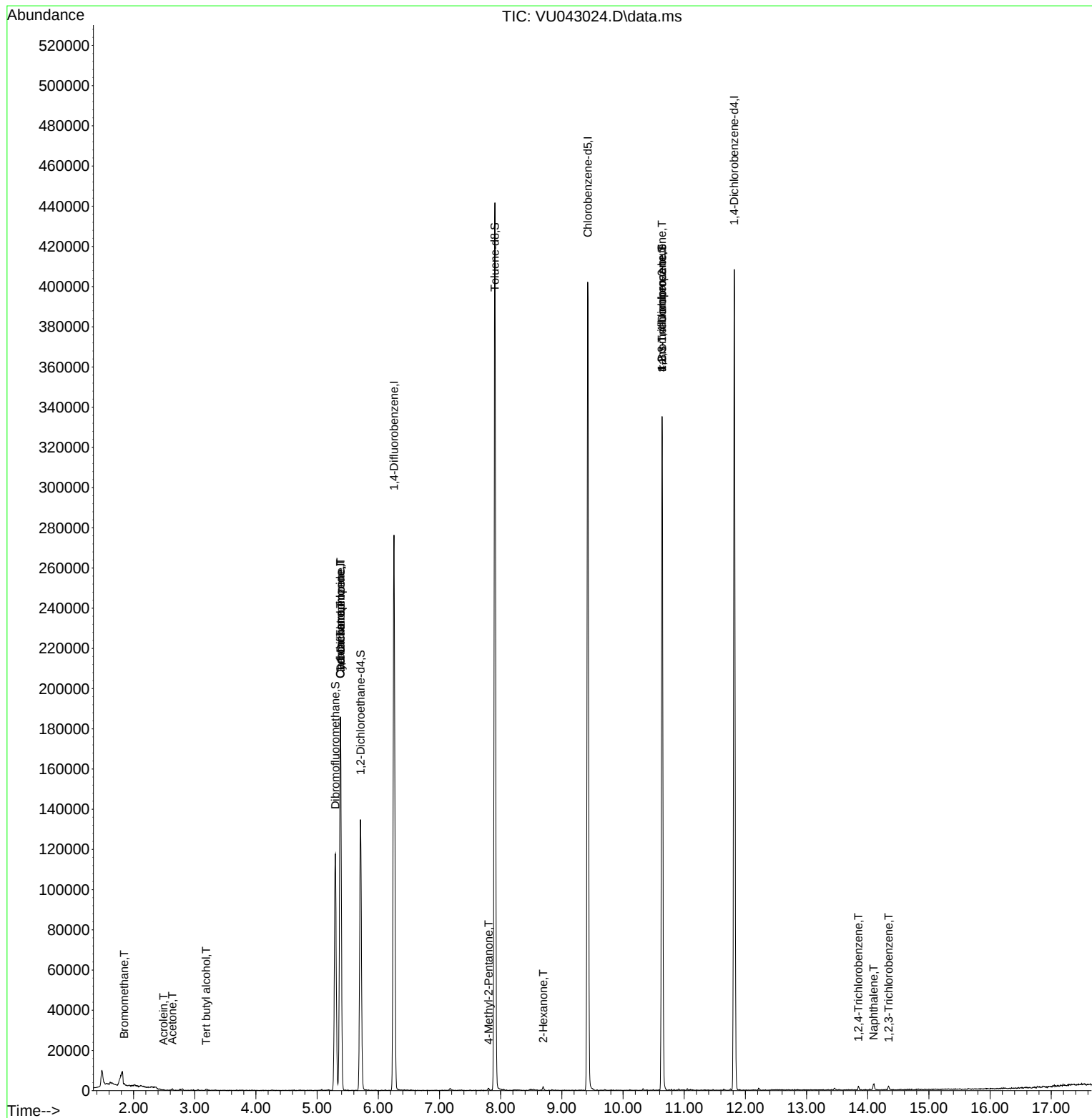
Internal Standards						
1) Pentafluorobenzene	5.382	168	125982	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	207329	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	201587	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	100414	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	103126	48.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.38%	
35) Dibromofluoromethane	5.298	113	71095	45.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.26%	
50) Toluene-d8	7.906	98	262954	47.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.40%	
62) 4-Bromofluorobenzene	10.639	95	97542	44.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.38%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.520	50	365	Below Cal	#	41
5) Bromomethane	1.845	94	176	0.23	ug/l #	65
11) Tert butyl alcohol	3.186	59	150	0.27	ug/l #	94
13) Acrolein	2.491	56	19	10.47	ug/l #	14
16) Acetone	2.633	43	793	0.33	ug/l	96
31) Cyclohexane	5.379	56	2947	1.13	ug/l #	4
36) 1,1-Dichloropropene	5.382	75	10807	4.91	ug/l #	50
38) Carbon Tetrachloride	5.379	117	12352	5.24	ug/l #	17
51) 4-Methyl-2-Pentanone	7.803	43	943	0.24	ug/l	90
59) 2-Hexanone	8.697	43	1307	0.40	ug/l	94
76) 1,2,3-Trichloropropane	10.639	75	55346	18.86	ug/l #	37
81) trans-1,4-Dichloro-2-b...	10.639	75	55346	55.42	ug/l #	7
93) 1,2,4-Trichlorobenzene	13.848	180	594	1.76	ug/l	71
94) Hexachlorobutadiene	14.031	225	130	Below Cal	#	54
95) Naphthalene	14.095	128	3690	3.22	ug/l #	91
96) 1,2,3-Trichlorobenzene	14.343	180	760	1.79	ug/l	77

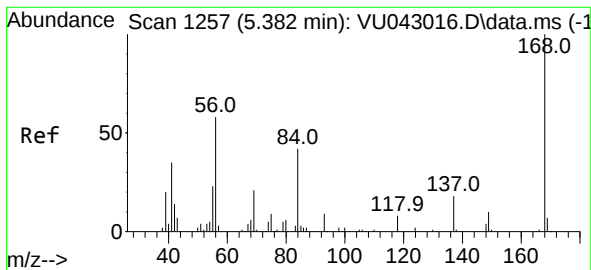
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 13 05:13:29 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U041221W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

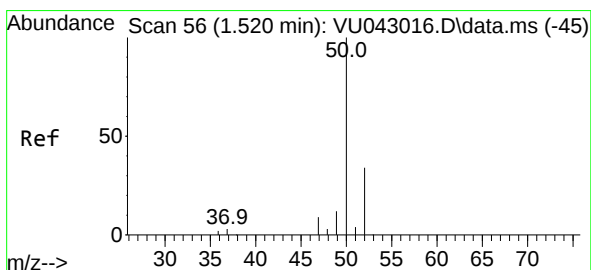
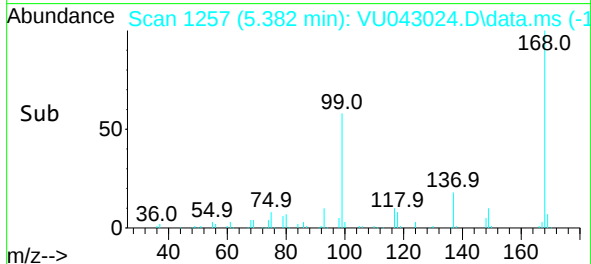
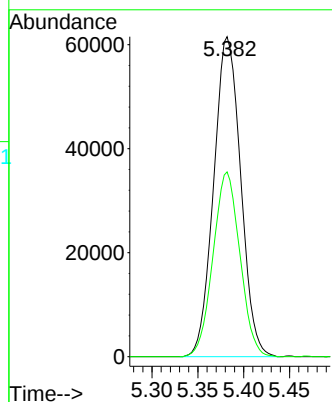
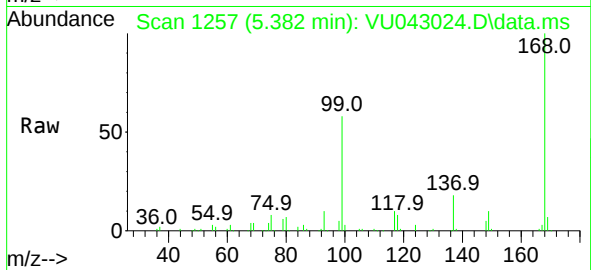




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043024.D
Acq: 12 Apr 2021 15:38

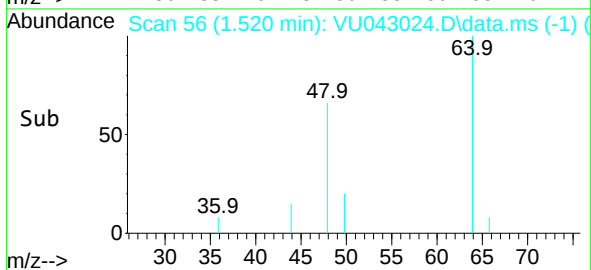
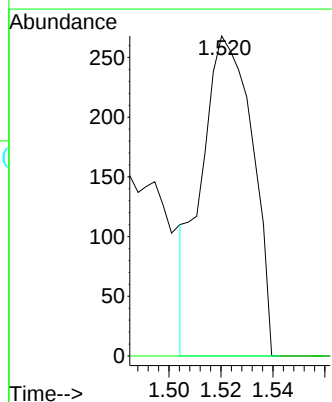
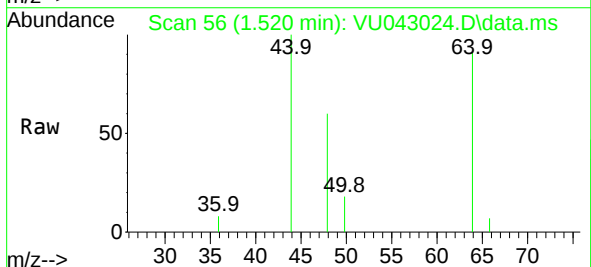
Instrument :
MSVOA_U
ClientSampleId :
TRIP-BLANK

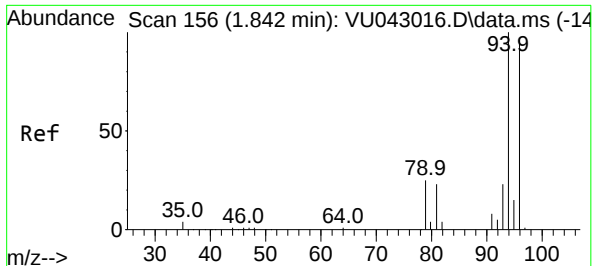
Tgt Ion:168 Resp: 125982
Ion Ratio Lower Upper
168 100
99 57.7 45.0 67.4



#3
Chloromethane
Concen: Below Cal
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU043024.D
Acq: 12 Apr 2021 15:38

Tgt Ion: 50 Resp: 365
Ion Ratio Lower Upper
50 100
52 0.0 26.6 40.0#

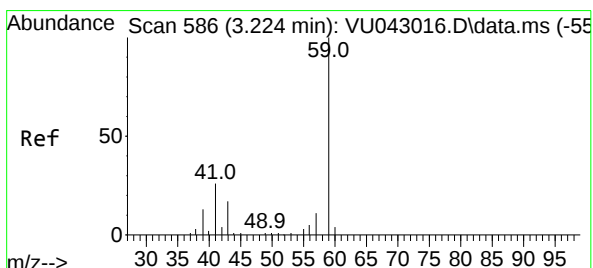
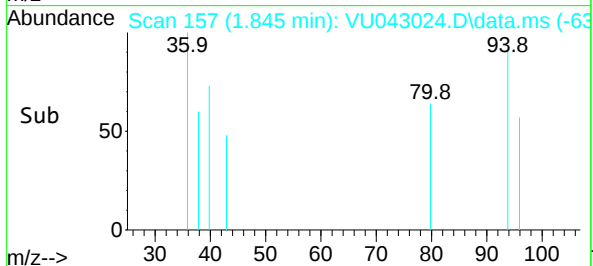
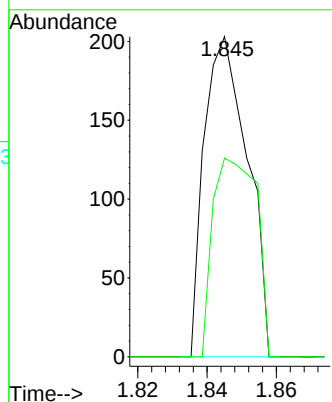
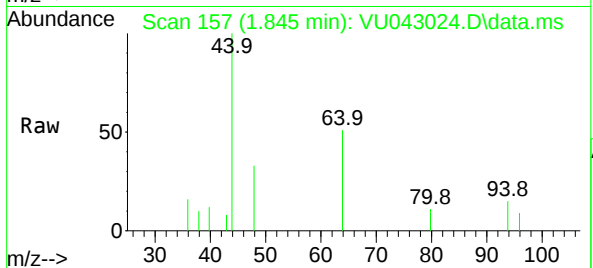




#5
Bromomethane
Concen: 0.23 ug/l
RT: 1.845 min Scan# 157
Delta R.T. 0.003 min
Lab File: VU043024.D
Acq: 12 Apr 2021 15:38

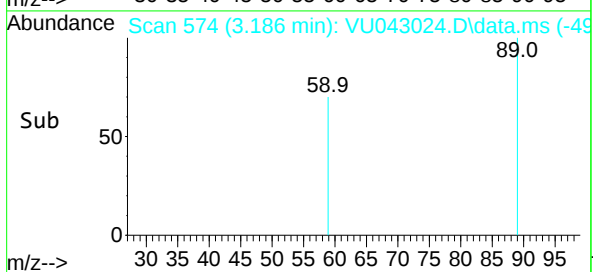
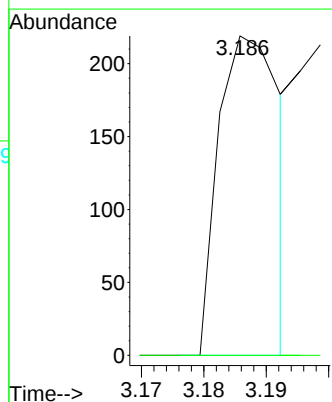
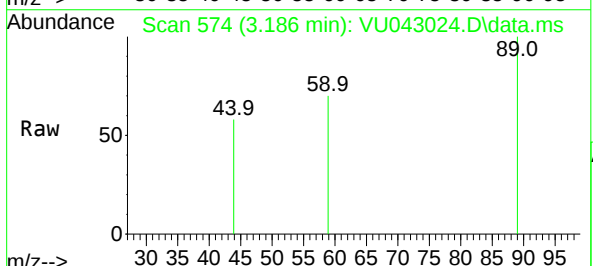
Instrument :
MSVOA_U
ClientSampleId :
TRIP-BLANK

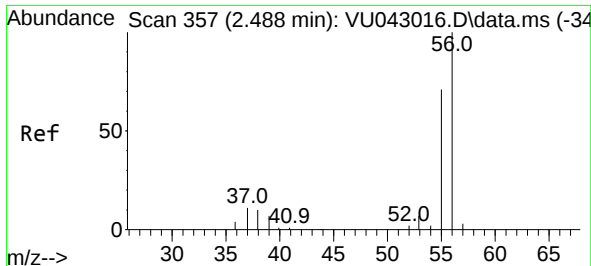
Tgt Ion: 94 Resp: 176
Ion Ratio Lower Upper
94 100
96 62.1 76.6 115.0#



#11
Tert butyl alcohol
Concen: 0.27 ug/l
RT: 3.186 min Scan# 574
Delta R.T. -0.038 min
Lab File: VU043024.D
Acq: 12 Apr 2021 15:38

Tgt Ion: 59 Resp: 150
Ion Ratio Lower Upper
59 100
57 0.0 1.6 2.4#

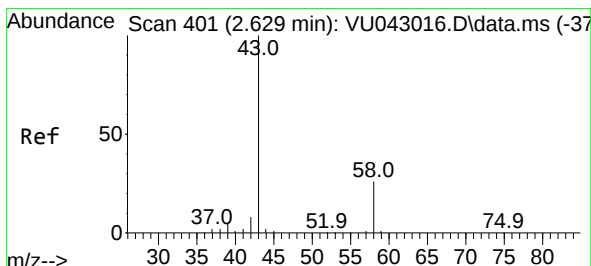
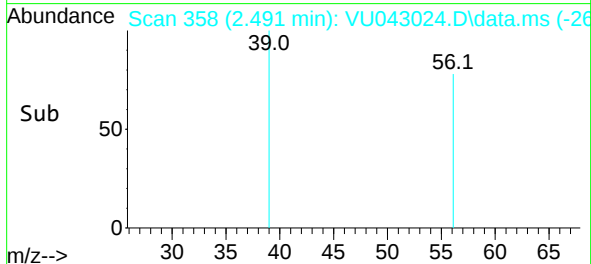
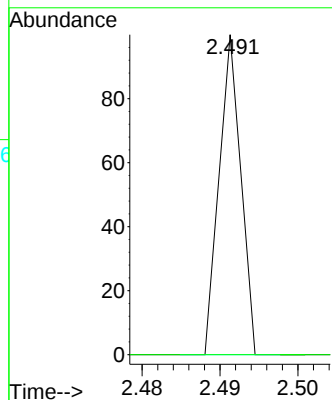
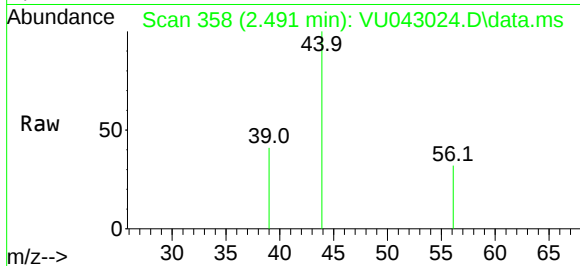




#13
Acrolein
Concen: 10.47 ug/l
RT: 2.491 min Scan# 358
Delta R.T. 0.003 min
Lab File: VU043024.D
Acq: 12 Apr 2021 15:38

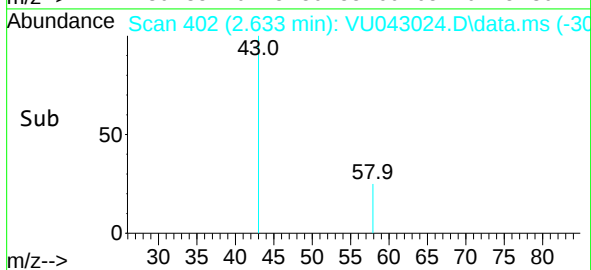
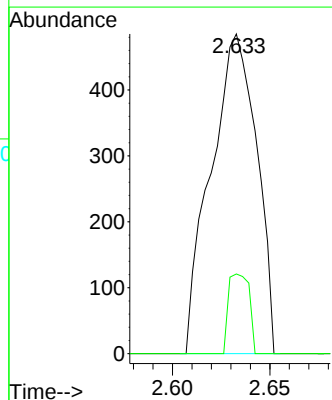
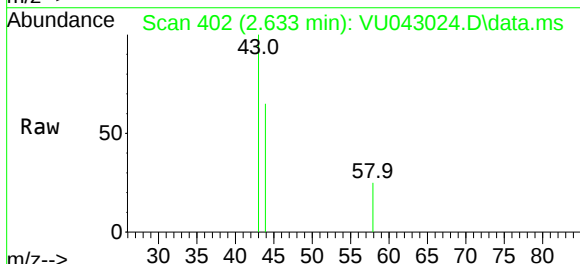
Instrument :
MSVOA_U
ClientSampleId :
TRIP-BLANK

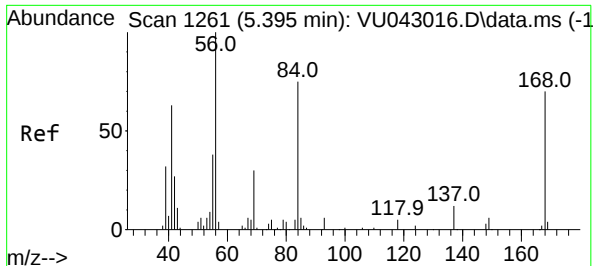
Tgt Ion: 56 Resp: 19
Ion Ratio Lower Upper
56 100
55 0.0 57.3 85.9#



#16
Acetone
Concen: 0.33 ug/l
RT: 2.633 min Scan# 402
Delta R.T. 0.004 min
Lab File: VU043024.D
Acq: 12 Apr 2021 15:38

Tgt Ion: 43 Resp: 793
Ion Ratio Lower Upper
43 100
58 24.9 21.5 32.3





#31

Cyclohexane

Concen: 1.13 ug/l

RT: 5.379 min Scan# 1256

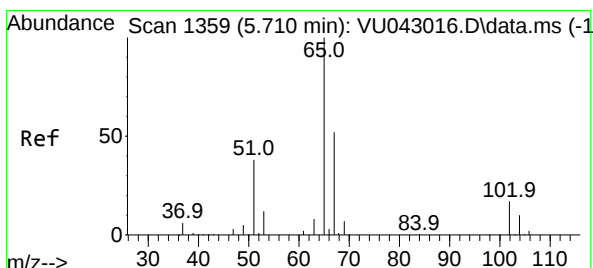
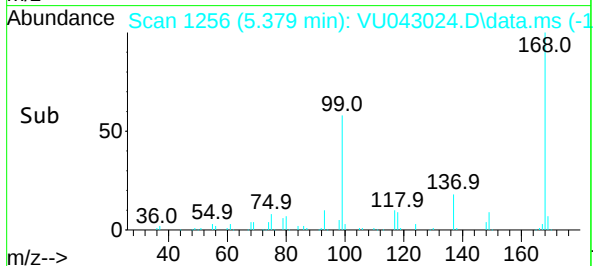
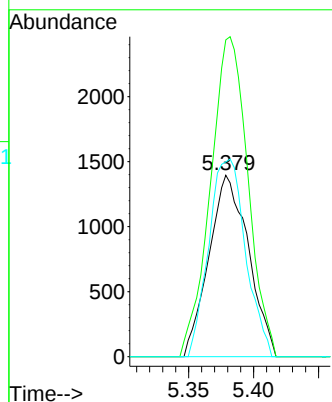
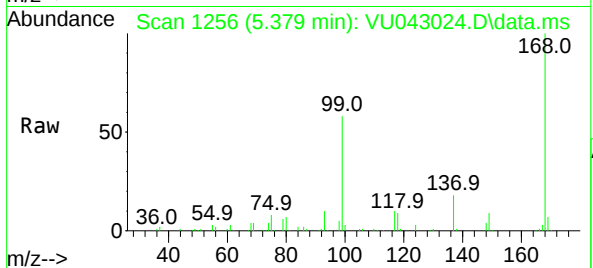
Delta R.T. -0.016 min

Lab File: VU043024.D

Acq: 12 Apr 2021 15:38

Tgt Ion:	56	Resp:	2947
Ion	Ratio	Lower	Upper
56	100		
69	174.7	24.9	37.3#
84	107.3	63.7	95.5#

Instrument :
MSVOA_U
ClientSampleId :
TRIP-BLANK



#33

1,2-Dichloroethane-d4

Concen: 48.69 ug/l

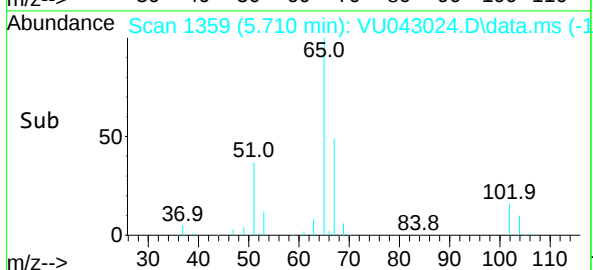
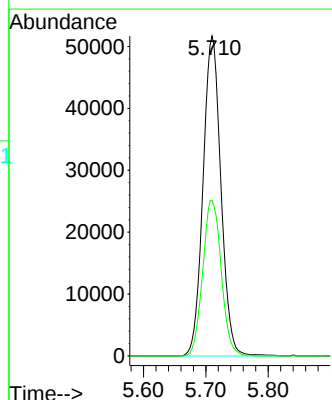
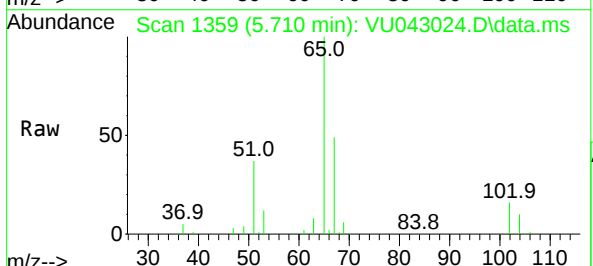
RT: 5.710 min Scan# 1359

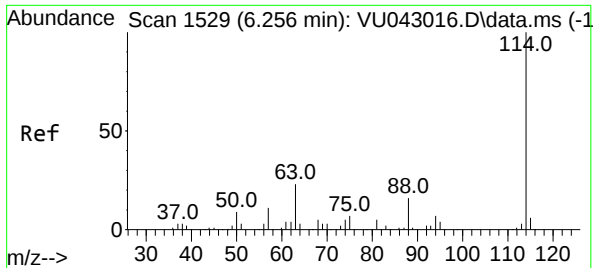
Delta R.T. -0.000 min

Lab File: VU043024.D

Acq: 12 Apr 2021 15:38

Tgt Ion:	65	Resp:	103126
Ion	Ratio	Lower	Upper
65	100		
67	50.3	0.0	99.8

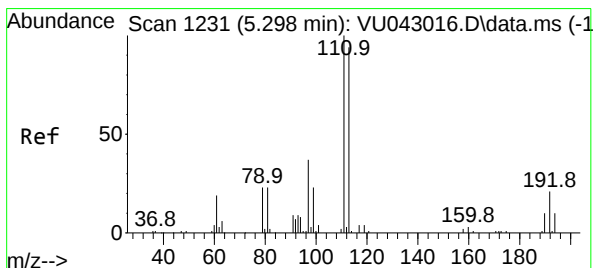
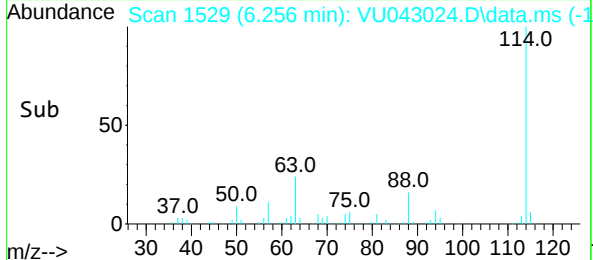
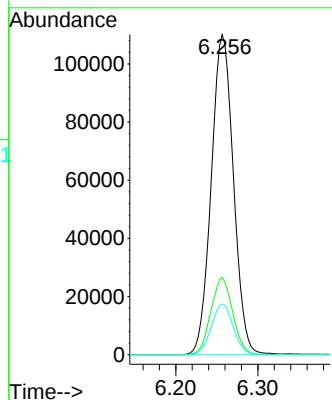
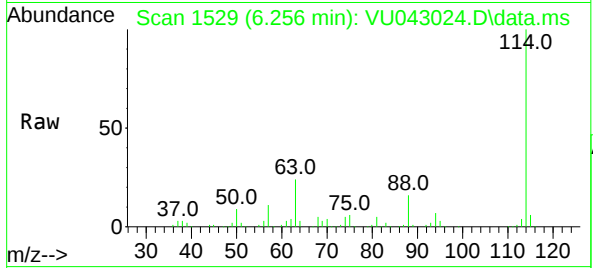




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. 0.000 min
Lab File: VU043024.D
Acq: 12 Apr 2021 15:38

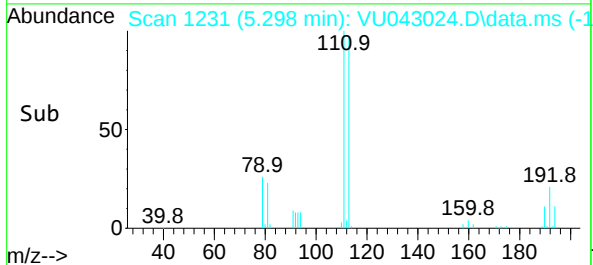
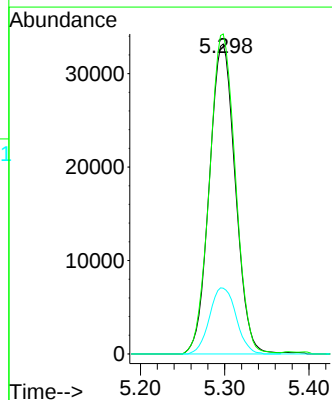
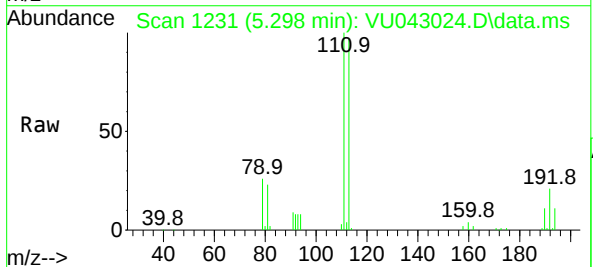
Instrument :
MSVOA_U
ClientSampleId :
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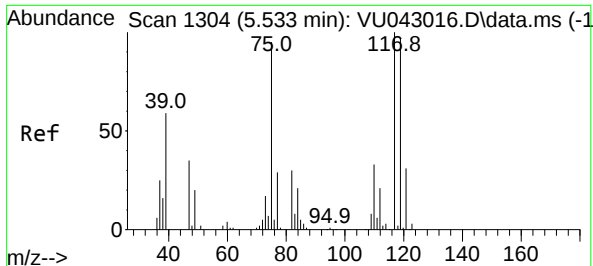
Tgt Ion:114	Resp:	207329
Ion Ratio	Lower	Upper
114	100	
63	24.1	0.0 44.2
88	15.9	0.0 33.4



#35
Dibromofluoromethane
Concen: 45.63 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU043024.D
Acq: 12 Apr 2021 15:38

Tgt Ion:113	Resp:	71095
Ion Ratio	Lower	Upper
113	100	
111	102.9	81.8 122.8
192	21.8	17.2 25.8





#36

1,1-Dichloropropene

Concen: 4.91 ug/l

RT: 5.382 min Scan# 1257

Delta R.T. -0.151 min

Lab File: VU043024.D

Acq: 12 Apr 2021 15:38

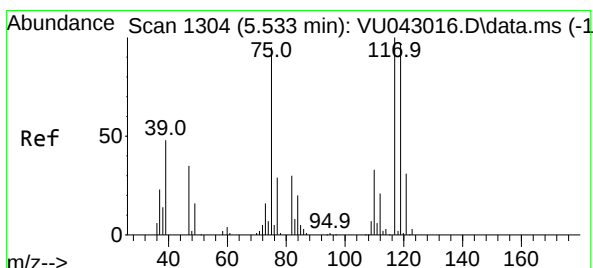
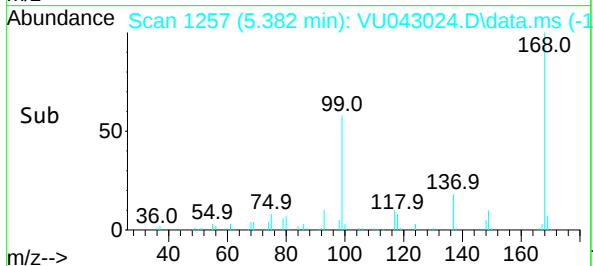
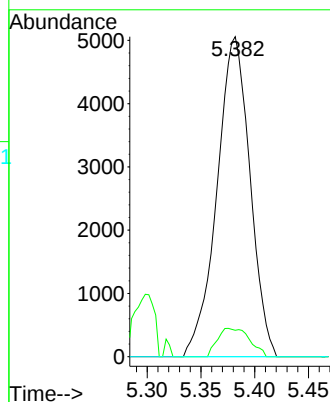
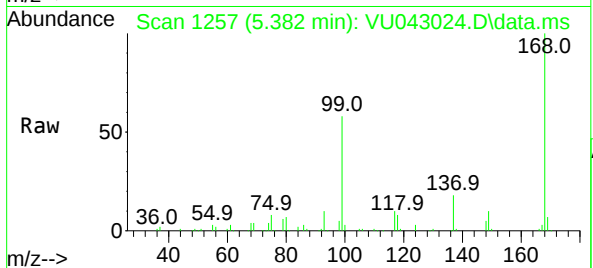
Tgt Ion: 75 Resp: 10807

Ion Ratio Lower Upper

75 100

110 8.6 16.8 50.3#

77 0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 5.24 ug/l

RT: 5.379 min Scan# 1256

Delta R.T. -0.154 min

Lab File: VU043024.D

Acq: 12 Apr 2021 15:38

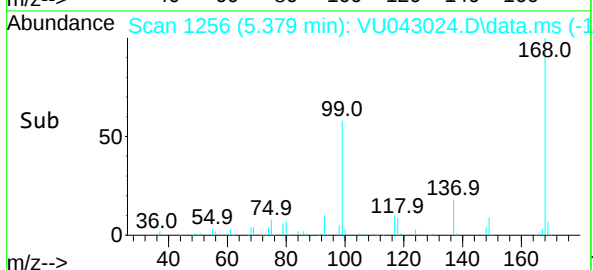
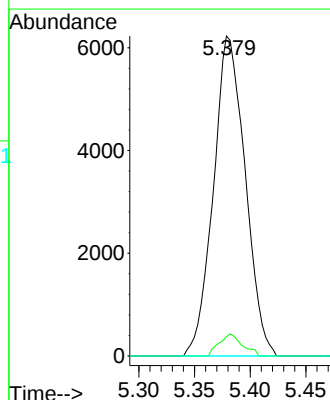
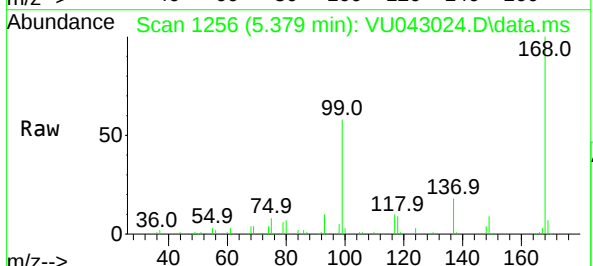
Tgt Ion: 117 Resp: 12352

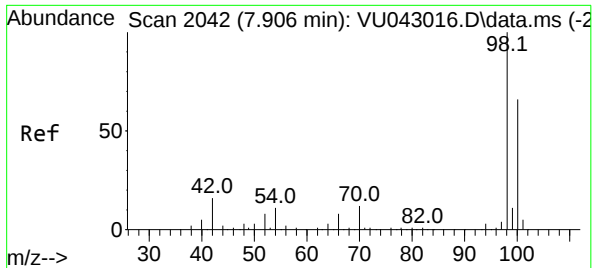
Ion Ratio Lower Upper

117 100

119 6.1 75.5 113.3#

121 0.0 24.7 37.1#

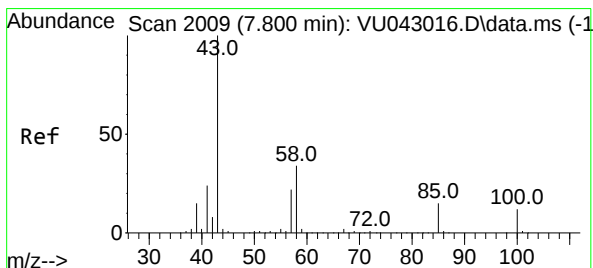
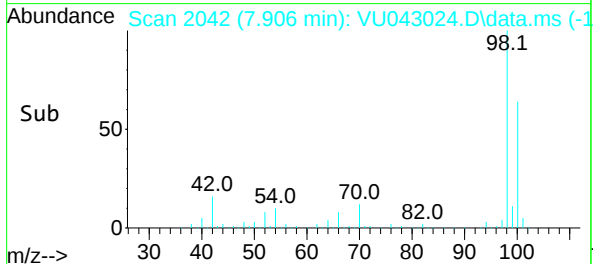
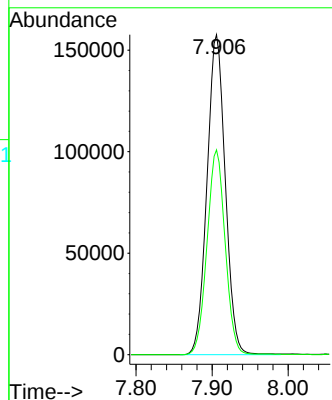
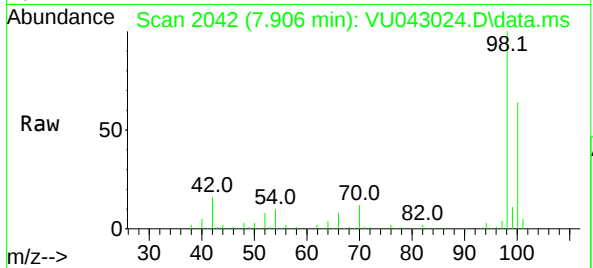




#50
Toluene-d8
Concen: 47.70 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU043024.D
Acq: 12 Apr 2021 15:38

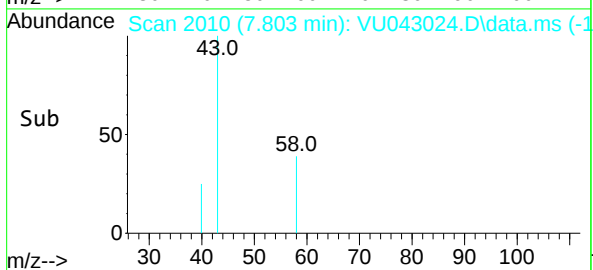
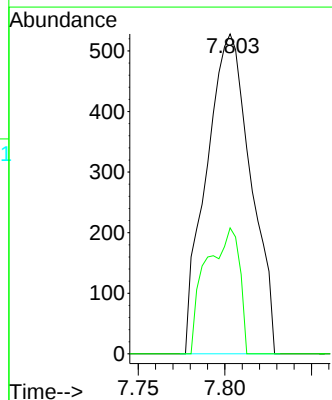
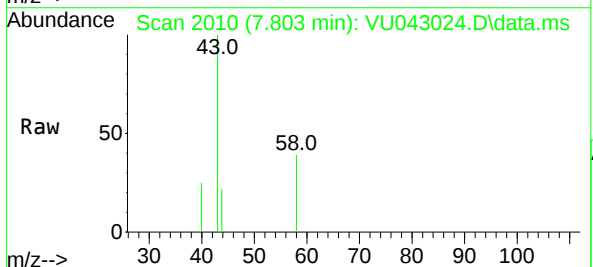
Instrument :
MSVOA_U
ClientSampleId :
TRIP-BLANK

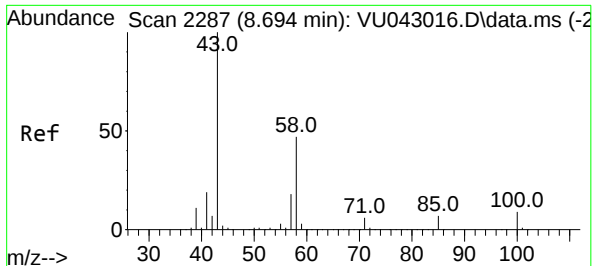
Tgt Ion: 98 Resp: 262954
Ion Ratio Lower Upper
98 100
100 63.6 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 0.24 ug/l
RT: 7.803 min Scan# 2010
Delta R.T. 0.003 min
Lab File: VU043024.D
Acq: 12 Apr 2021 15:38

Tgt Ion: 43 Resp: 943
Ion Ratio Lower Upper
43 100
58 29.5 28.1 42.1

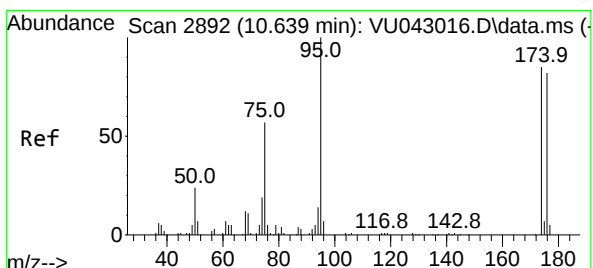
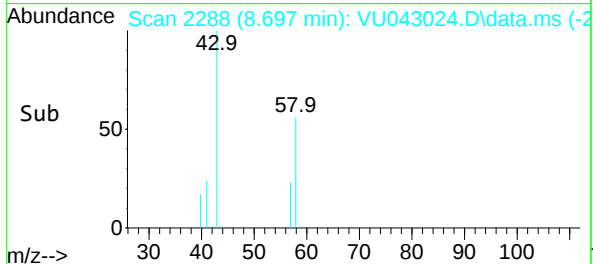
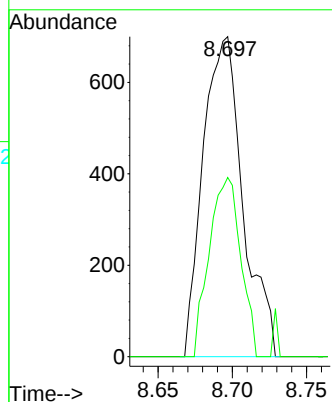
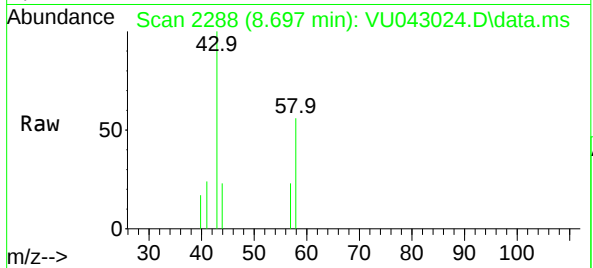




#59
2-Hexanone
Concen: 0.40 ug/l
RT: 8.697 min Scan# 2288
Delta R.T. 0.003 min
Lab File: VU043024.D
Acq: 12 Apr 2021 15:38

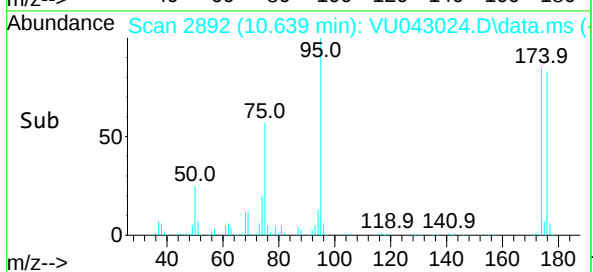
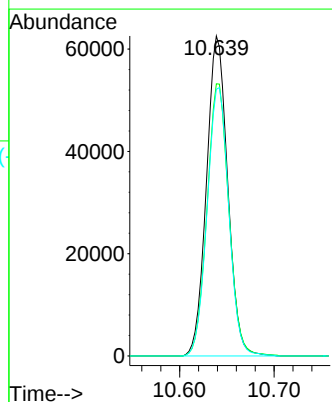
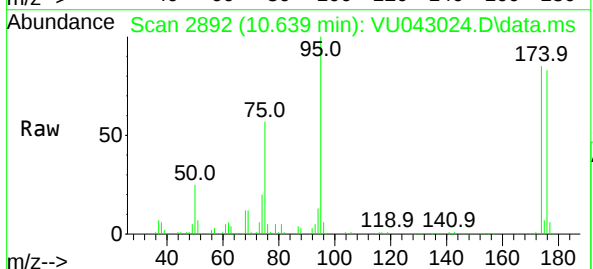
Instrument :
MSVOA_U
ClientSampleId :
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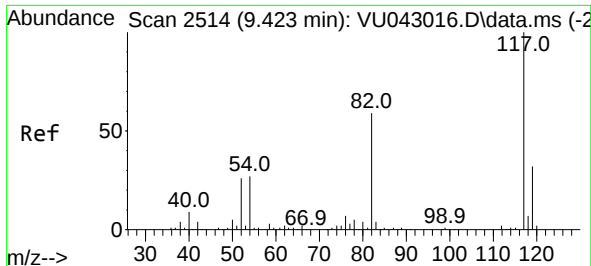
Tgt Ion: 43 Resp: 1307
Ion Ratio Lower Upper
43 100
58 44.1 24.0 72.0



#62
4-Bromofluorobenzene
Concen: 44.19 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043024.D
Acq: 12 Apr 2021 15:38

Tgt Ion: 95 Resp: 97542
Ion Ratio Lower Upper
95 100
174 87.3 0.0 172.2
176 85.5 0.0 168.8

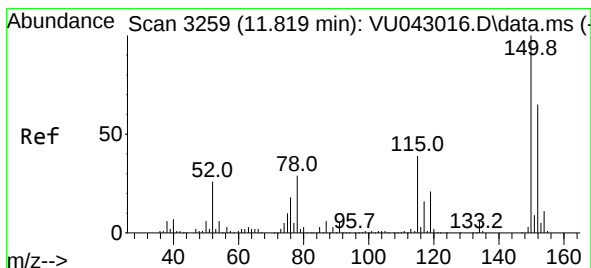
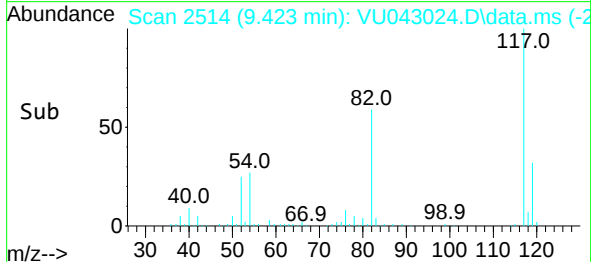
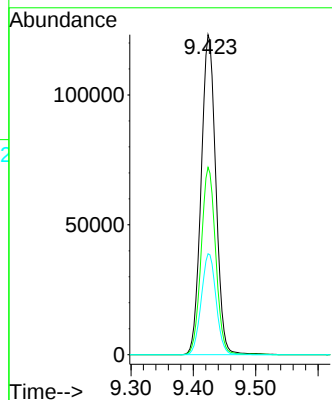
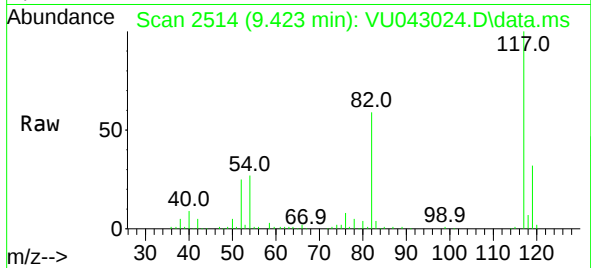




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043024.D
Acq: 12 Apr 2021 15:38

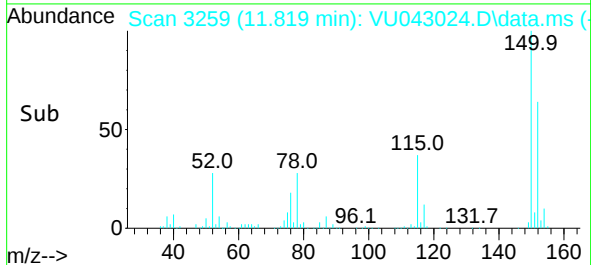
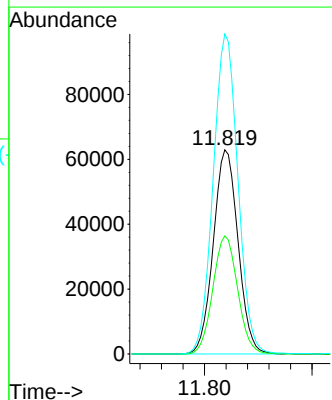
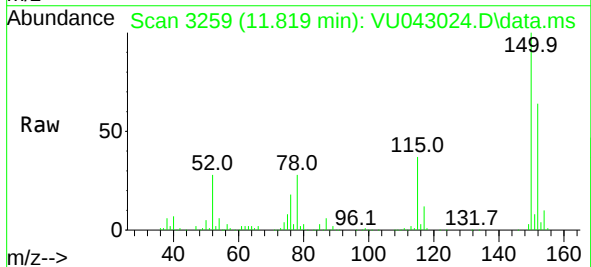
Instrument :
MSVOA_U
ClientSampleId :
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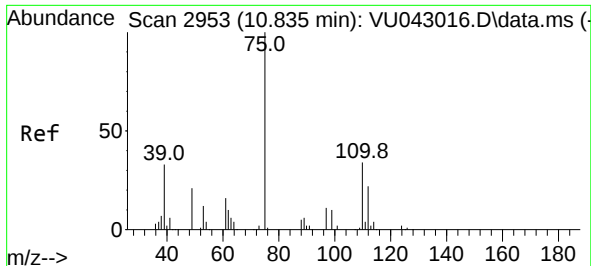
Tgt Ion:117 Resp: 201587
Ion Ratio Lower Upper
117 100
82 58.6 45.8 68.6
119 31.5 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU043024.D
Acq: 12 Apr 2021 15:38

Tgt Ion:152 Resp: 100414
Ion Ratio Lower Upper
152 100
115 57.9 41.5 124.6
150 156.8 0.0 342.4

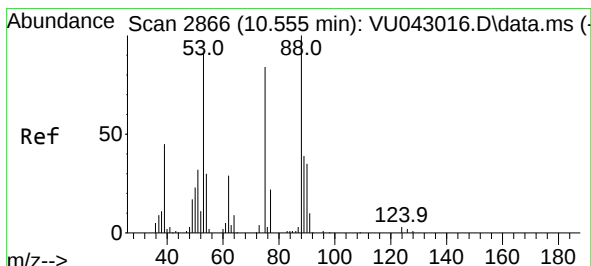
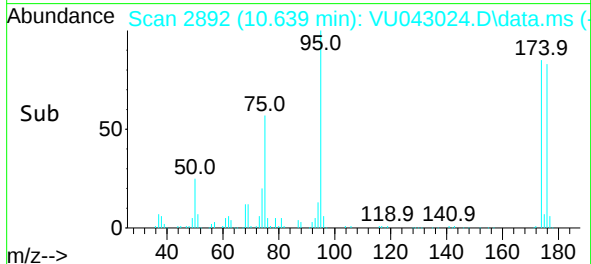
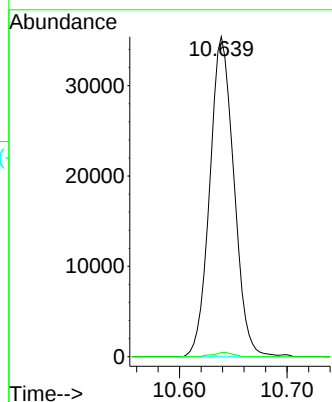
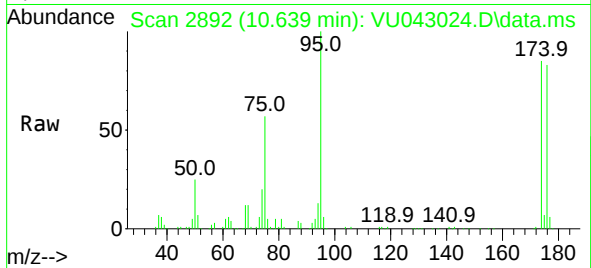




#76
1,2,3-Trichloropropane
Concen: 18.86 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.196 min
Lab File: VU043024.D
Acq: 12 Apr 2021 15:38

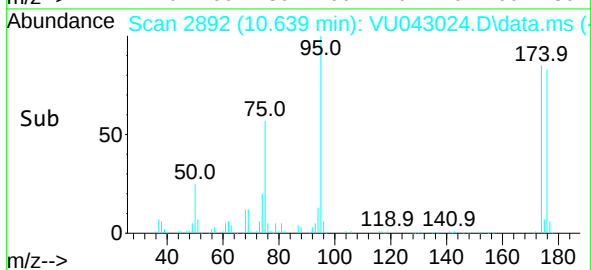
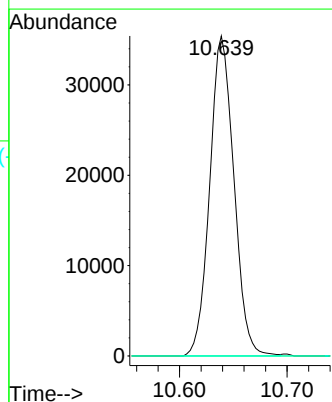
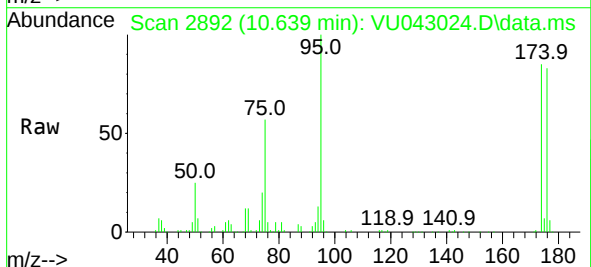
Instrument :
MSVOA_U
ClientSampleId :
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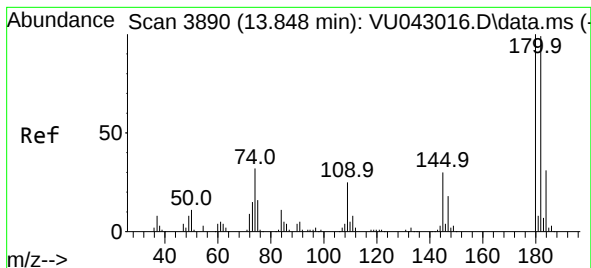
Tgt Ion: 75 Resp: 55346
Ion Ratio Lower Upper
75 100
77 1.1 20.2 60.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 55.42 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.084 min
Lab File: VU043024.D
Acq: 12 Apr 2021 15:38

Tgt Ion: 75 Resp: 55346
Ion Ratio Lower Upper
75 100
53 0.0 85.6 128.4#
89 0.0 35.7 53.5#

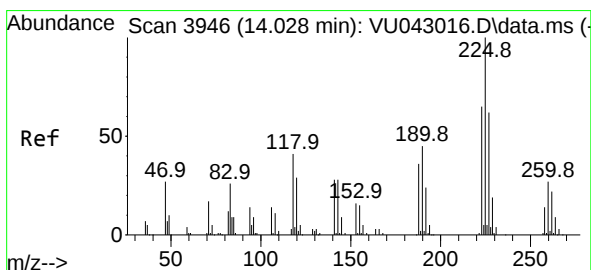
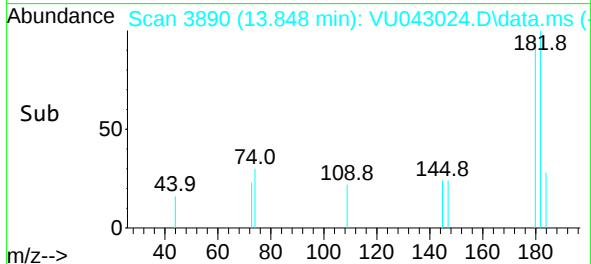
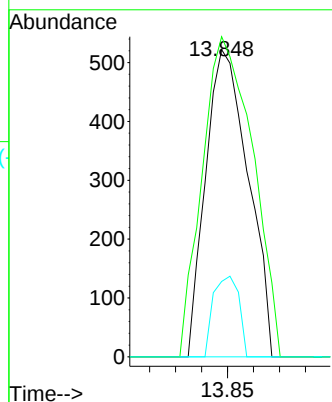
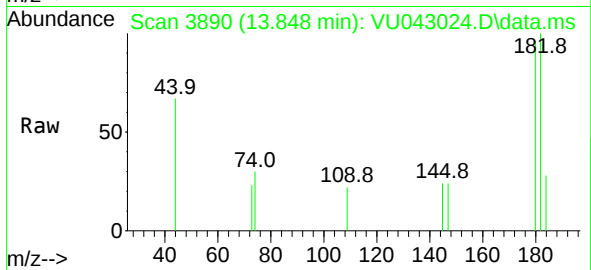




#93
1,2,4-Trichlorobenzene
Concen: 1.76 ug/l
RT: 13.848 min Scan# 3890
Delta R.T. -0.000 min
Lab File: VU043024.D
Acq: 12 Apr 2021 15:38

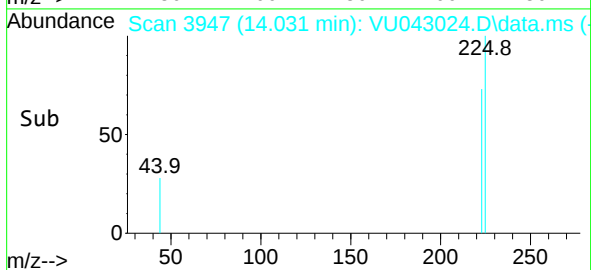
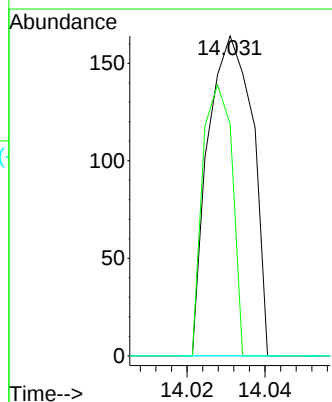
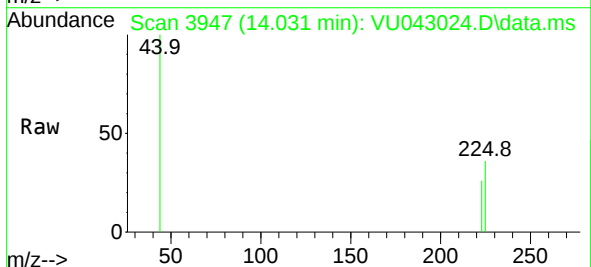
Instrument :
MSVOA_U
ClientSampleId :
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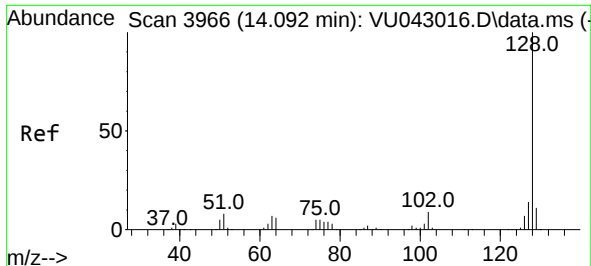
Tgt Ion:180 Resp: 594
Ion Ratio Lower Upper
180 100
182 123.6 46.9 140.8
145 15.7 14.4 43.4



#94
Hexachlorobutadiene
Concen: Below Cal
RT: 14.031 min Scan# 3947
Delta R.T. 0.003 min
Lab File: VU043024.D
Acq: 12 Apr 2021 15:38

Tgt Ion:225 Resp: 130
Ion Ratio Lower Upper
225 100
223 56.2 32.3 96.9
227 0.0 31.8 95.4#

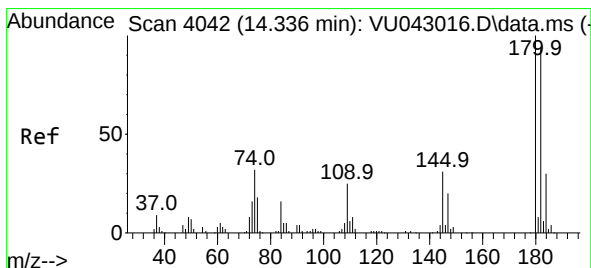
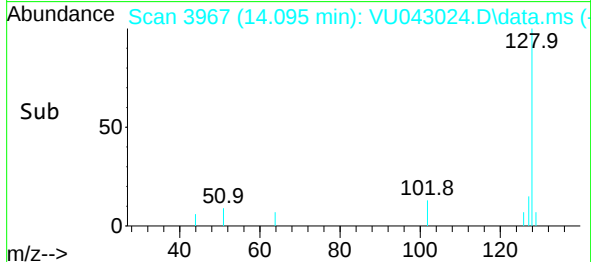
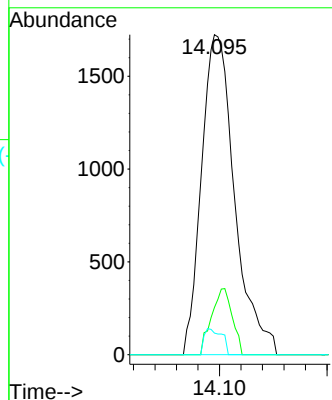
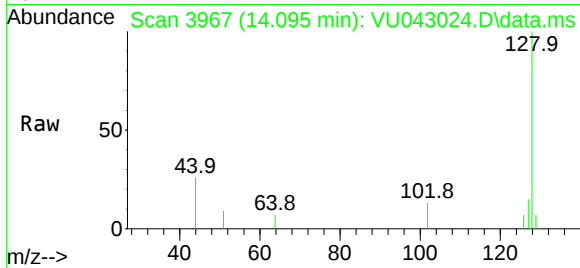




#95
Naphthalene
Concen: 3.22 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.003 min
Lab File: VU043024.D
Acq: 12 Apr 2021 15:38

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion:128 Resp: 3690
Ion Ratio Lower Upper
128 100
127 12.8 10.8 16.2
129 4.3 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 1.79 ug/l
RT: 14.343 min Scan# 4044
Delta R.T. 0.007 min
Lab File: VU043024.D
Acq: 12 Apr 2021 15:38

Tgt Ion:180 Resp: 760
Ion Ratio Lower Upper
180 100
182 122.2 48.0 144.0
145 23.9 15.5 46.5

