

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041621\
 Data File : VU043171.D
 Acq On : 16 Apr 2021 16:14
 Operator : SY/MD
 Sample : M2040-13
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TRIP-BLANK

Quant Time: Apr 17 02:33:11 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

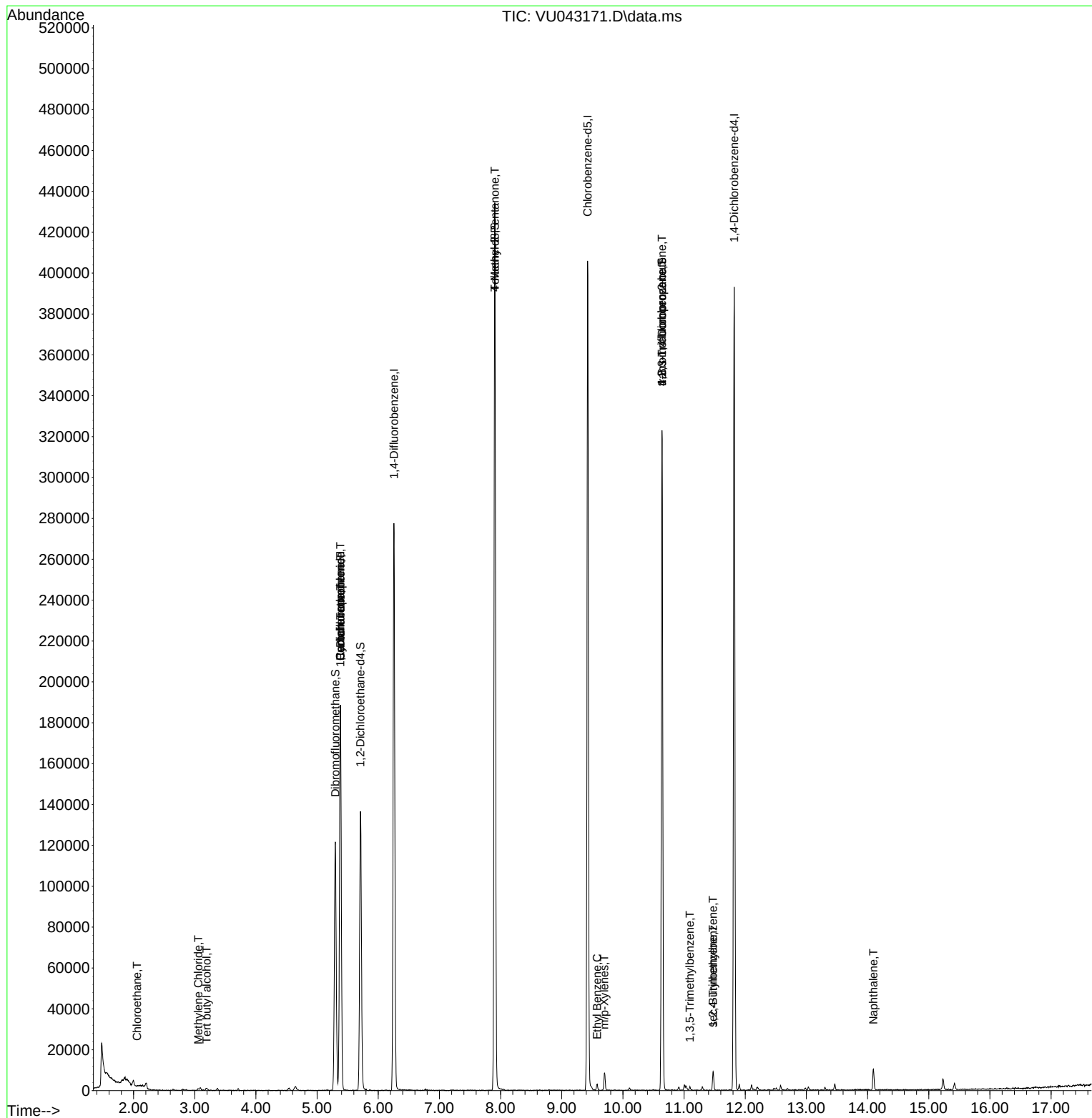
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.382	168	127827	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	206301	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	198166	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	95272	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	107744	50.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.28%	
35) Dibromofluoromethane	5.298	113	73988	47.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.46%	
50) Toluene-d8	7.906	98	264611	48.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.48%	
62) 4-Bromofluorobenzene	10.639	95	94969	43.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.48%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.523	50	521	Below Cal	#	41
6) Chloroethane	2.057	64	299	0.26 ug/l	#	42
11) Tert butyl alcohol	3.195	59	801	1.45 ug/l	#	94
20) Methylene Chloride	3.060	84	334	0.22 ug/l	#	77
31) Cyclohexane	5.382	56	3173	1.20 ug/l	#	17
36) 1,1-Dichloropropene	5.378	75	11016	5.03 ug/l	#	50
38) Carbon Tetrachloride	5.382	117	12985	5.53 ug/l	#	16
51) 4-Methyl-2-Pentanone	7.906	43	1709	0.43 ug/l	#	1
67) Ethyl Benzene	9.578	91	2504	0.33 ug/l		98
68) m/p-Xylenes	9.697	106	2349	0.83 ug/l		93
76) 1,2,3-Trichloropropane	10.639	75	54925	19.73 ug/l	#	37
80) 1,3,5-Trimethylbenzene	11.095	105	1194	0.21 ug/l		97
81) trans-1,4-Dichloro-2-b...	10.639	75	54925	57.97 ug/l	#	7
84) 1,2,4-Trimethylbenzene	11.475	105	5548	0.96 ug/l		93
85) sec-Butylbenzene	11.475	105	5548	0.85 ug/l	#	56
95) Naphthalene	14.095	128	8296	3.88 ug/l		99

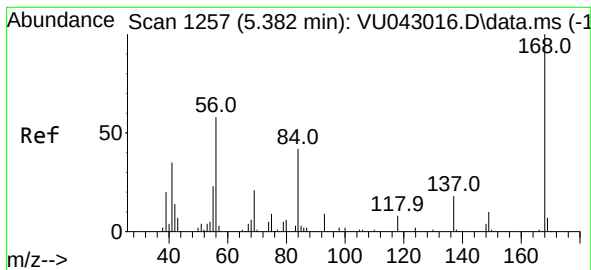
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041621\
Data File : VU043171.D
Acq On : 16 Apr 2021 16:14
Operator : SY/MD
Sample : M2040-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
TRIP-BLANK

Quant Time: Apr 17 02:33:11 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

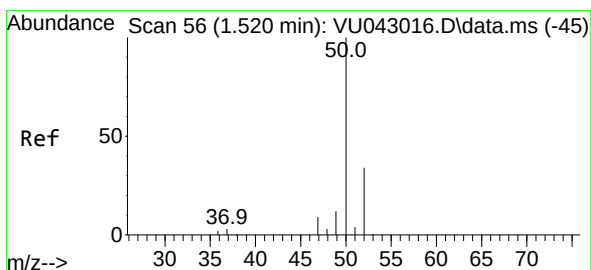
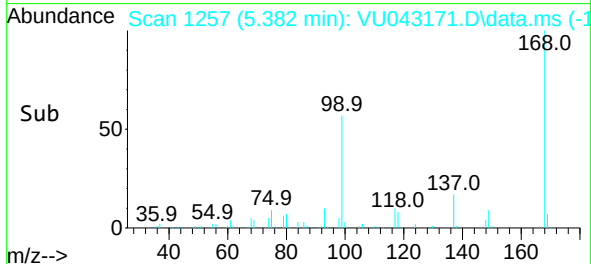
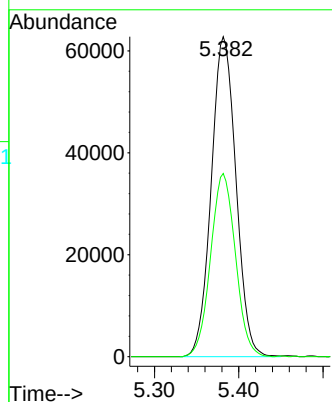
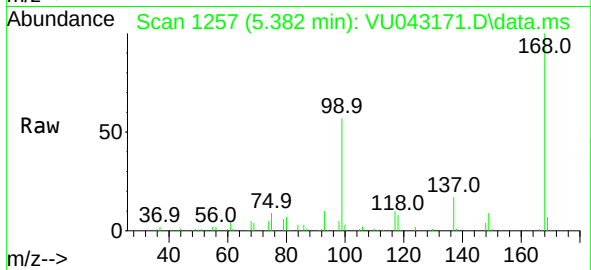




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043171.D
Acq: 16 Apr 2021 16:14

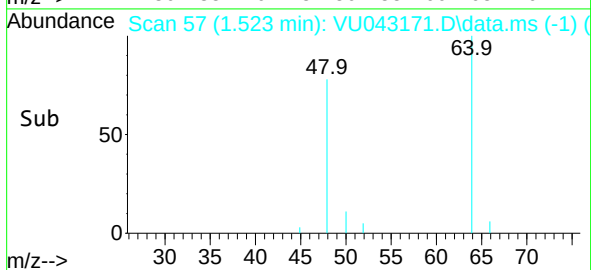
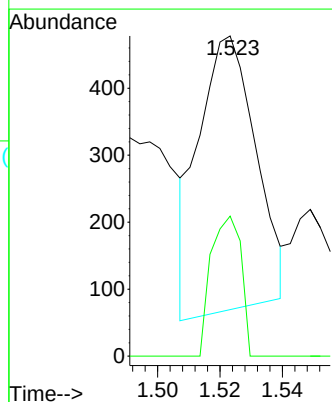
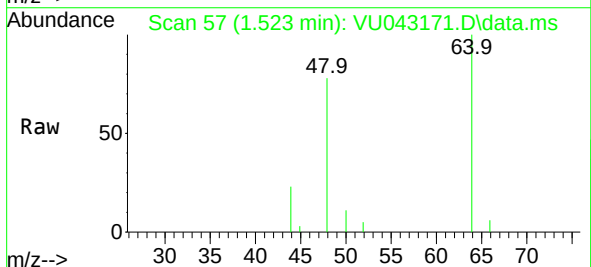
Instrument :
MSVOA_U
ClientSampleId :
TRIP-BLANK

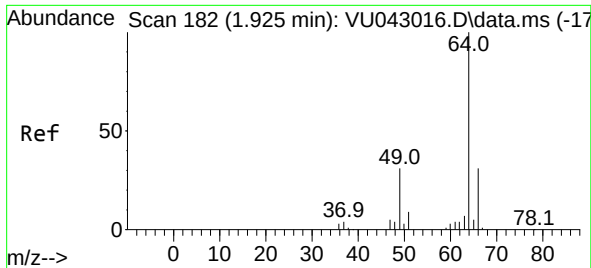
Tgt Ion:168 Resp: 127827
Ion Ratio Lower Upper
168 100
99 57.3 45.0 67.4



#3
Chloromethane
Concen: Below Cal
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU043171.D
Acq: 16 Apr 2021 16:14

Tgt Ion: 50 Resp: 521
Ion Ratio Lower Upper
50 100
52 66.6 26.6 40.0#

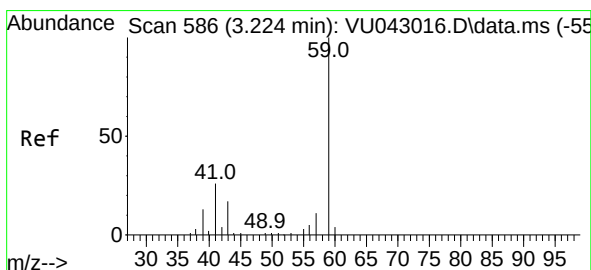
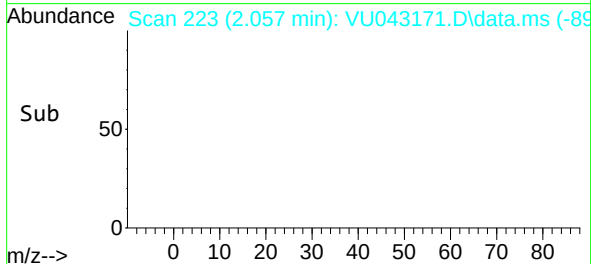
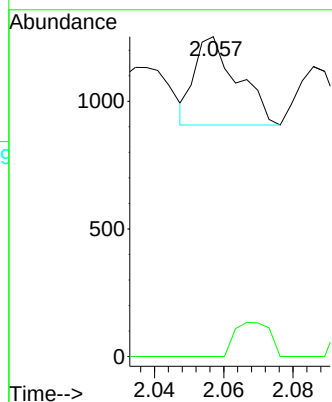
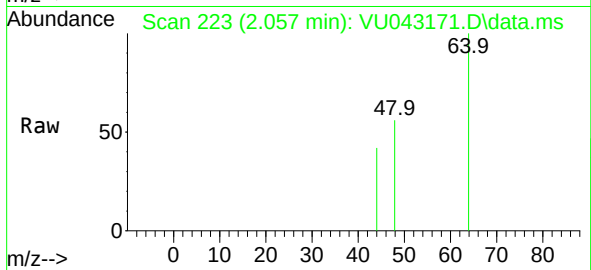




#6
Chloroethane
Concen: 0.26 ug/l
RT: 2.057 min Scan# 223
Delta R.T. 0.132 min
Lab File: VU043171.D
Acq: 16 Apr 2021 16:14

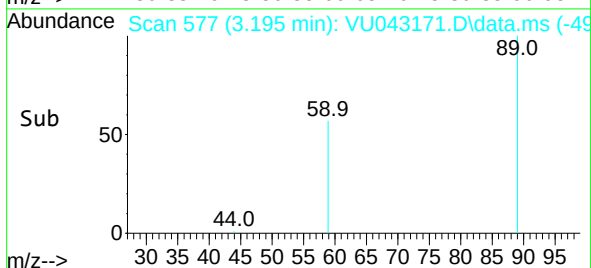
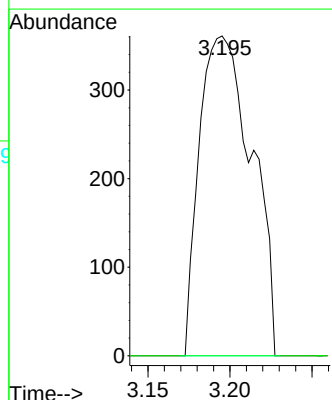
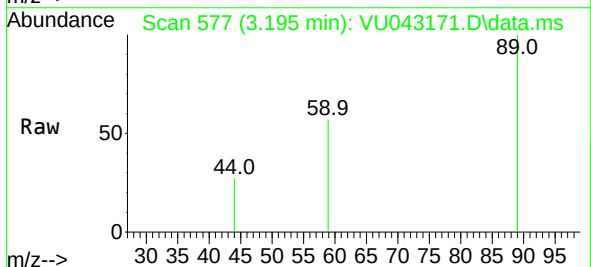
Instrument :
MSVOA_U
ClientSampleId :
TRIP-BLANK

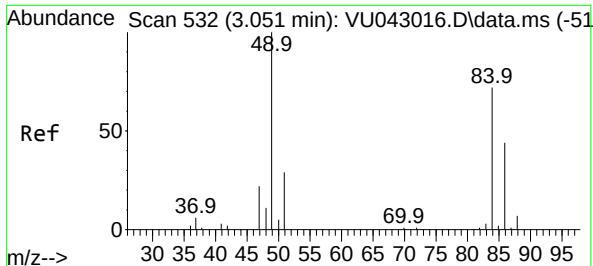
Tgt Ion: 64 Resp: 299
Ion Ratio Lower Upper
64 100
66 0.0 26.4 39.6#



#11
Tert butyl alcohol
Concen: 1.45 ug/l
RT: 3.195 min Scan# 577
Delta R.T. -0.029 min
Lab File: VU043171.D
Acq: 16 Apr 2021 16:14

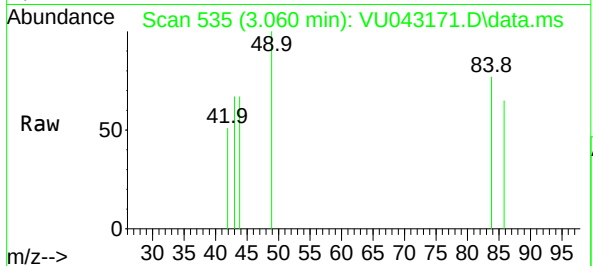
Tgt Ion: 59 Resp: 801
Ion Ratio Lower Upper
59 100
57 0.0 1.6 2.4#





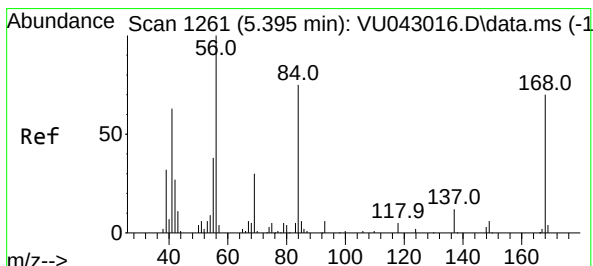
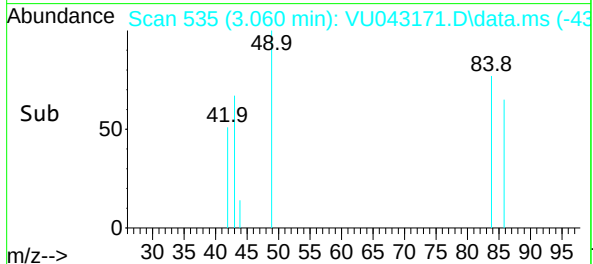
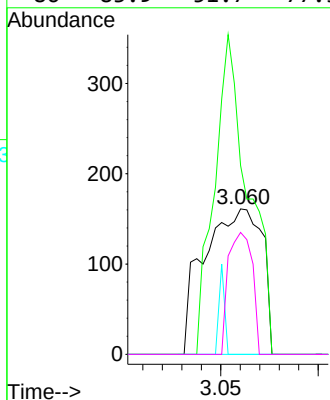
#20
Methylene Chloride
Concen: 0.22 ug/l
RT: 3.060 min Scan# 535
Delta R.T. 0.009 min
Lab File: VU043171.D
Acq: 16 Apr 2021 16:14

Instrument :
MSVOA_U
ClientSampleId :
TRIP-BLANK

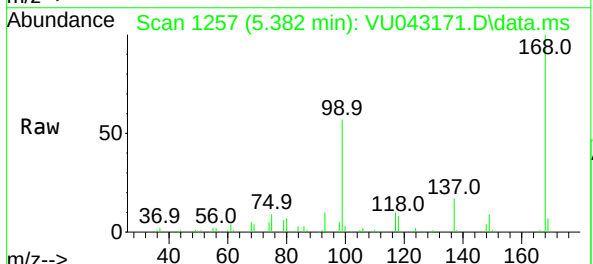


Tgt Ion: 84 Resp: 334

Ion	Ratio	Lower	Upper
84	100		
49	129.8	112.6	169.0
51	0.0	33.7	50.5#
86	83.9	51.7	77.5#

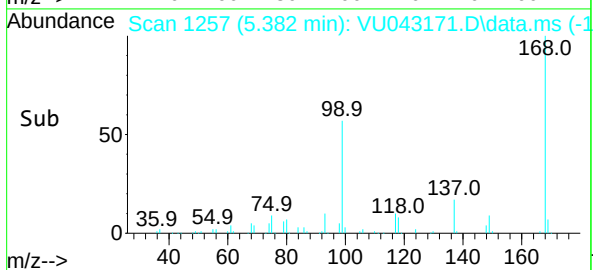
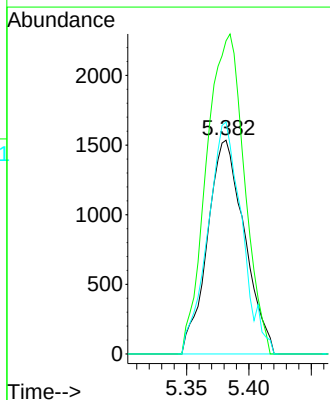


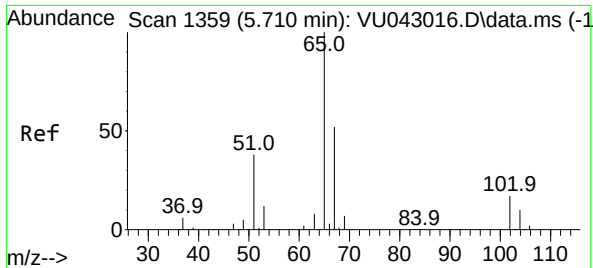
#31
Cyclohexane
Concen: 1.20 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.013 min
Lab File: VU043171.D
Acq: 16 Apr 2021 16:14



Tgt Ion: 56 Resp: 3173

Ion	Ratio	Lower	Upper
56	100		
69	146.5	24.9	37.3#
84	108.5	63.7	95.5#

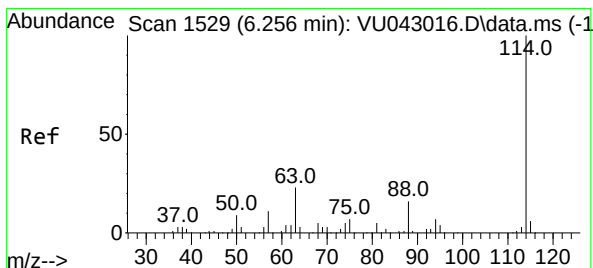
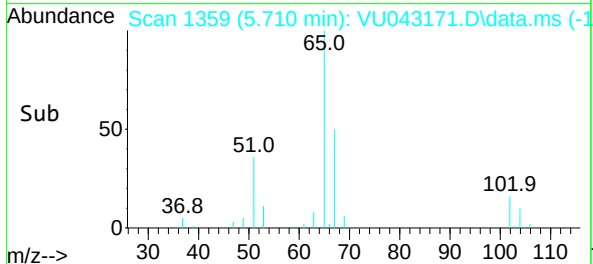
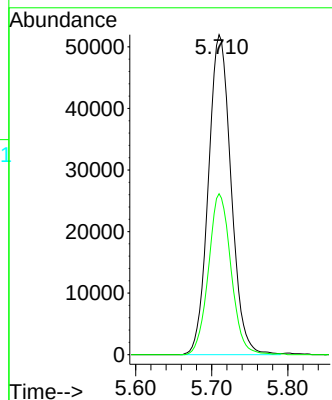
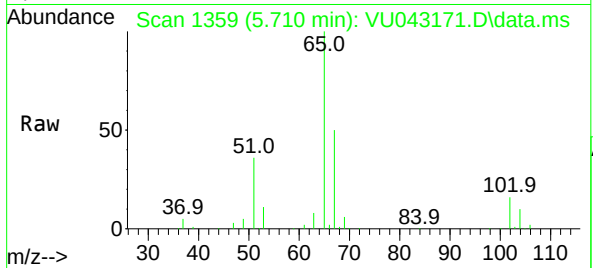




#33
1,2-Dichloroethane-d4
Concen: 50.14 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VU043171.D
Acq: 16 Apr 2021 16:14

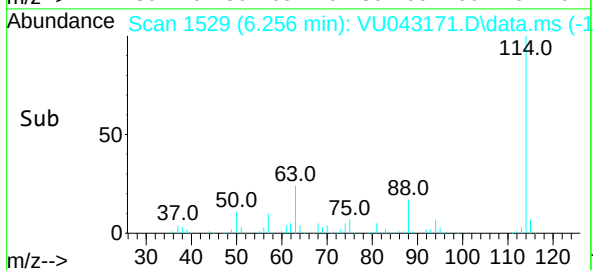
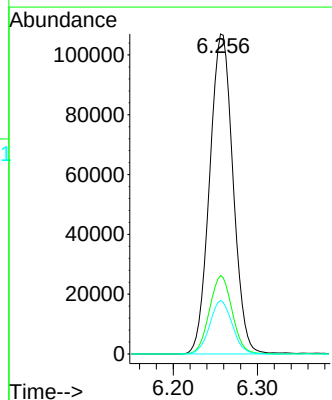
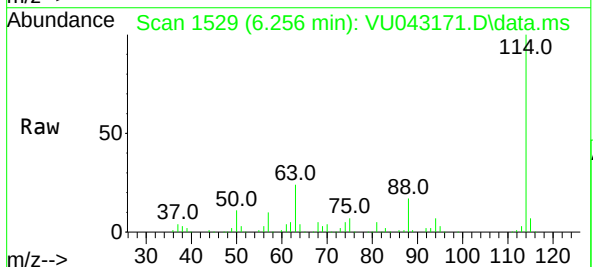
Instrument :
MSVOA_U
ClientSampleId :
TRIP-BLANK

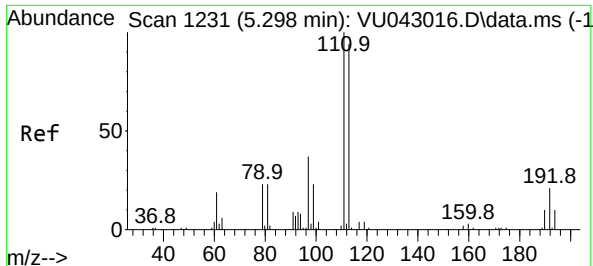
Tgt Ion: 65 Resp: 107744
Ion Ratio Lower Upper
65 100
67 49.9 0.0 99.8



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. 0.000 min
Lab File: VU043171.D
Acq: 16 Apr 2021 16:14

Tgt Ion: 114 Resp: 206301
Ion Ratio Lower Upper
114 100
63 24.5 0.0 44.2
88 16.7 0.0 33.4

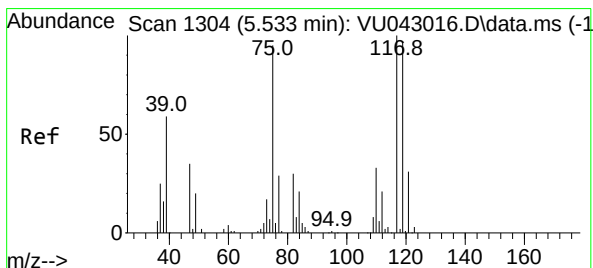
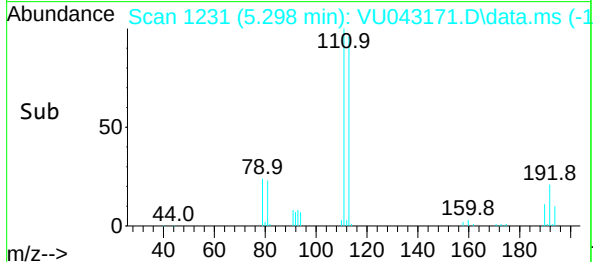
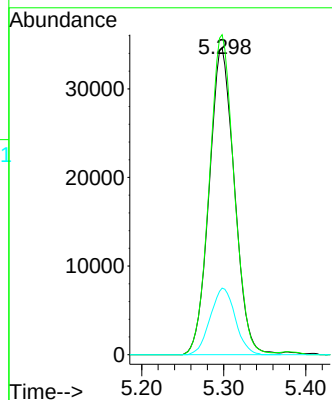
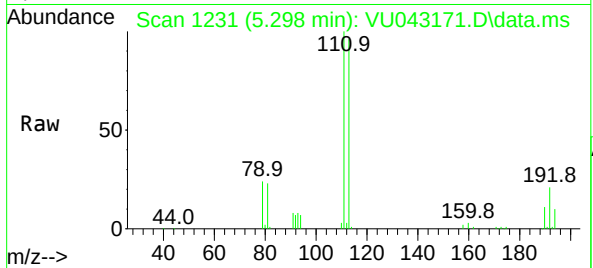




#35
Dibromofluoromethane
Concen: 47.73 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU043171.D
Acq: 16 Apr 2021 16:14

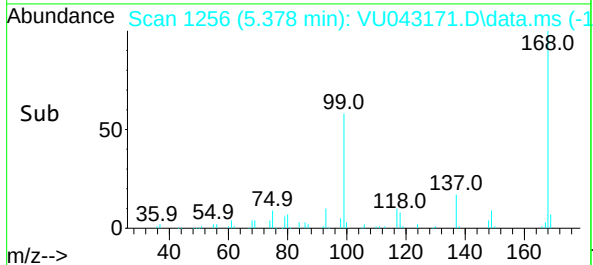
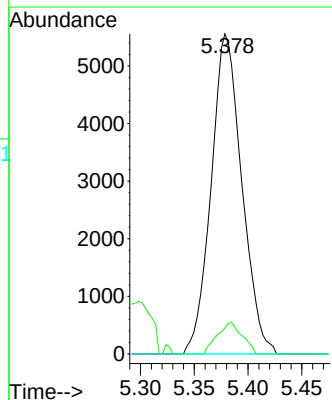
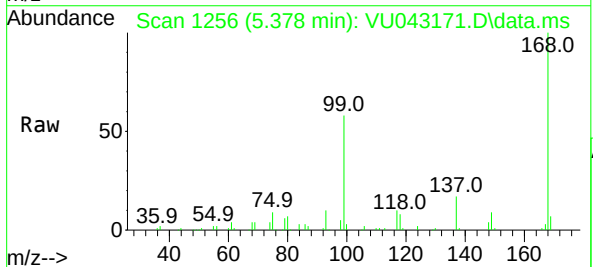
Instrument :
MSVOA_U
ClientSampleId :
TRIP-BLANK

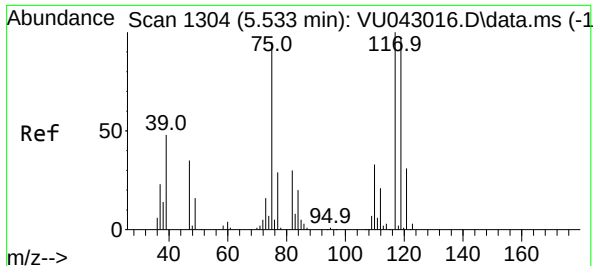
Tgt Ion:113 Resp: 73988
Ion Ratio Lower Upper
113 100
111 102.8 81.8 122.8
192 21.5 17.2 25.8



#36
1,1-Dichloropropene
Concen: 5.03 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.155 min
Lab File: VU043171.D
Acq: 16 Apr 2021 16:14

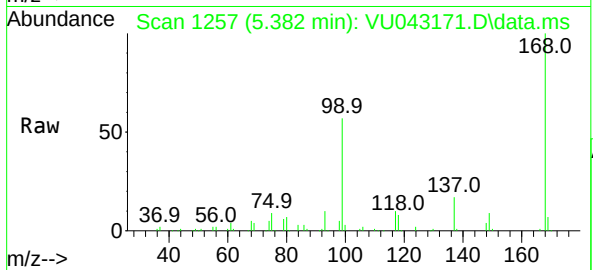
Tgt Ion: 75 Resp: 11016
Ion Ratio Lower Upper
75 100
110 8.0 16.8 50.3#
77 0.0 24.8 37.2#



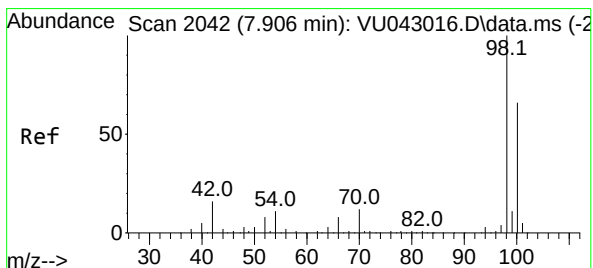
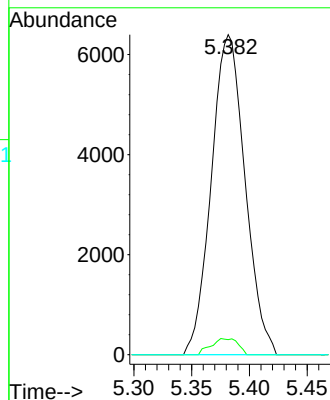
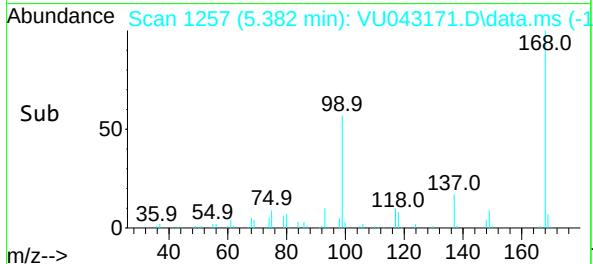


#38
Carbon Tetrachloride
Concen: 5.53 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU043171.D
Acq: 16 Apr 2021 16:14

Instrument :
MSVOA_U
ClientSampleId :
TRIP-BLANK

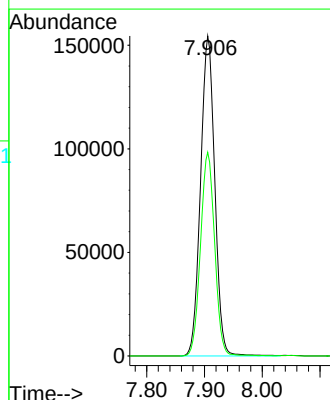
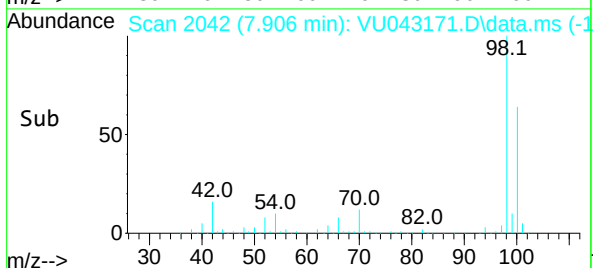
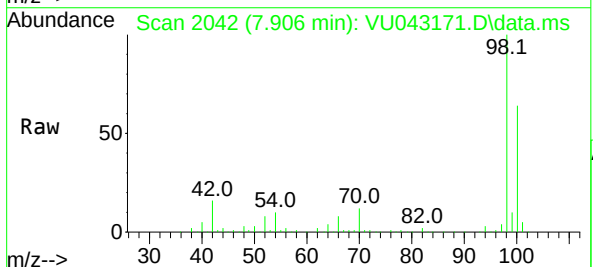


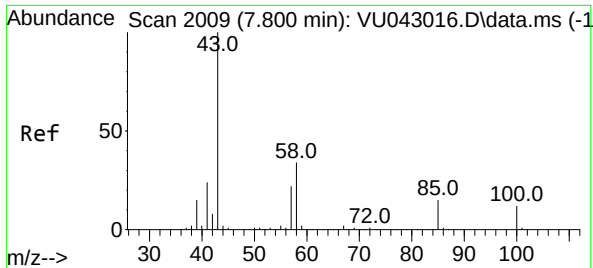
Tgt Ion: 117 Resp: 12985
Ion Ratio Lower Upper
117 100
119 4.7 75.5 113.3#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 48.24 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU043171.D
Acq: 16 Apr 2021 16:14

Tgt Ion: 98 Resp: 264611
Ion Ratio Lower Upper
98 100
100 63.0 50.2 75.2

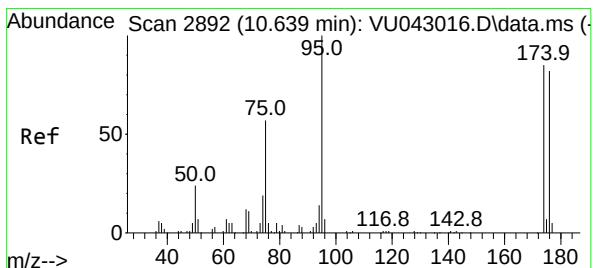
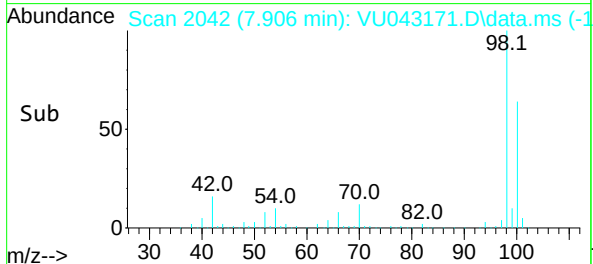
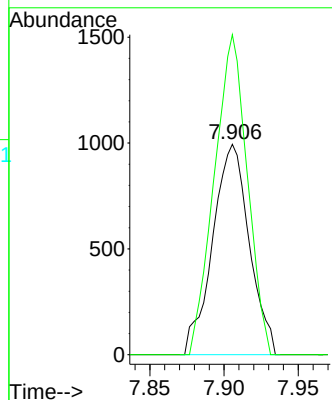
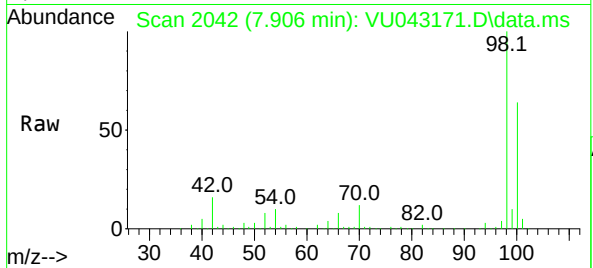




#51
4-Methyl-2-Pentanone
Concen: 0.43 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. 0.106 min
Lab File: VU043171.D
Acq: 16 Apr 2021 16:14

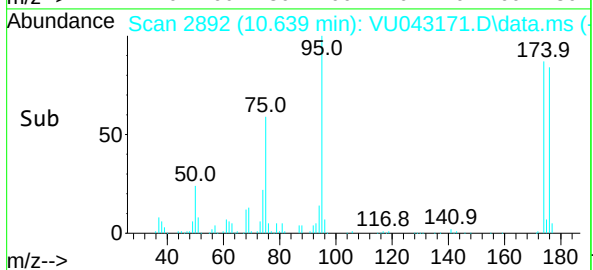
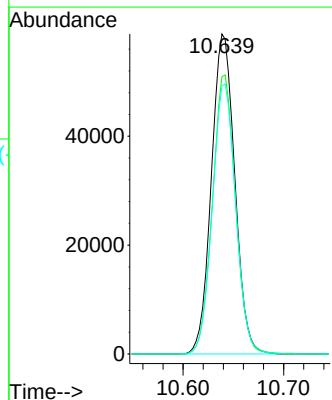
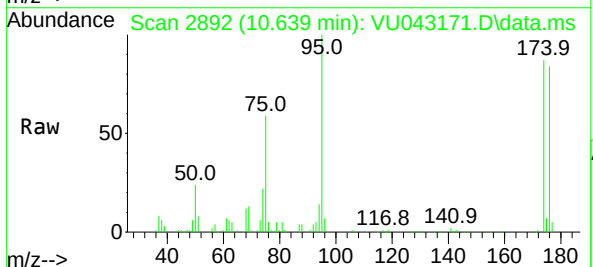
Instrument :
MSVOA_U
ClientSampleId :
TRIP-BLANK

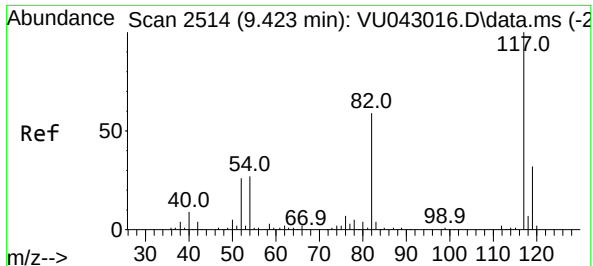
Tgt Ion: 43 Resp: 1709
Ion Ratio Lower Upper
43 100
58 136.5 28.1 42.1#



#62
4-Bromofluorobenzene
Concen: 43.24 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043171.D
Acq: 16 Apr 2021 16:14

Tgt Ion: 95 Resp: 94969
Ion Ratio Lower Upper
95 100
174 85.9 0.0 172.2
176 84.4 0.0 168.8

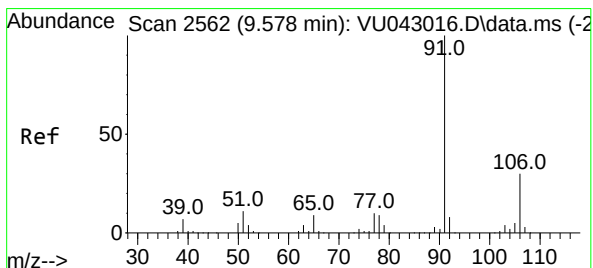
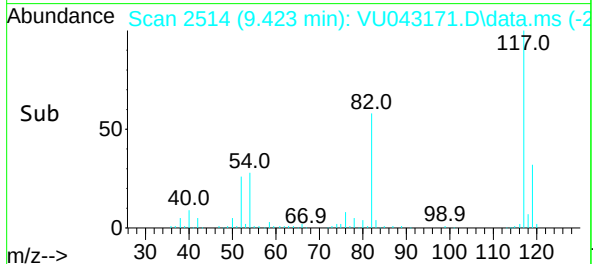
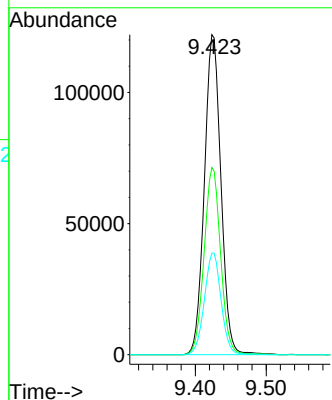
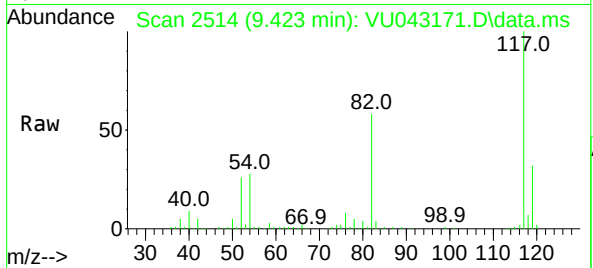




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043171.D
Acq: 16 Apr 2021 16:14

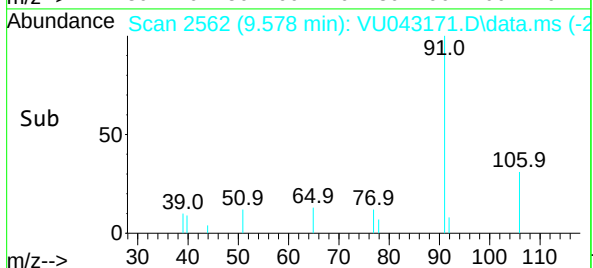
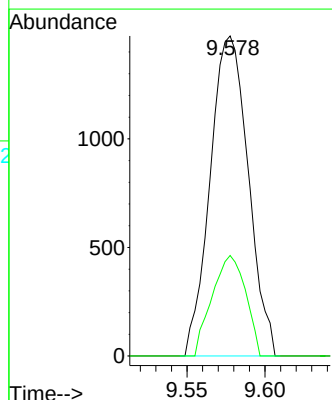
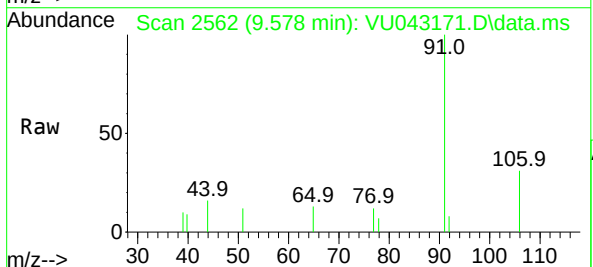
Instrument :
MSVOA_U
ClientSampleId :
TRIP-BLANK

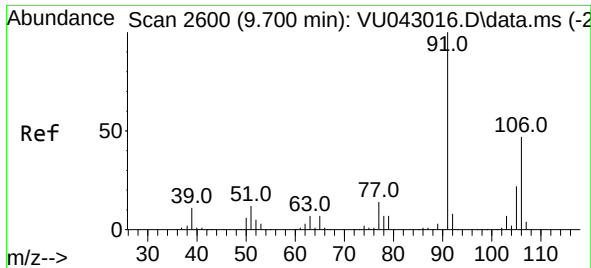
Tgt Ion:117 Resp: 198166
Ion Ratio Lower Upper
117 100
82 58.5 45.8 68.6
119 31.7 25.8 38.8



#67
Ethyl Benzene
Concen: 0.33 ug/l
RT: 9.578 min Scan# 2562
Delta R.T. -0.000 min
Lab File: VU043171.D
Acq: 16 Apr 2021 16:14

Tgt Ion: 91 Resp: 2504
Ion Ratio Lower Upper
91 100
106 31.4 24.1 36.1

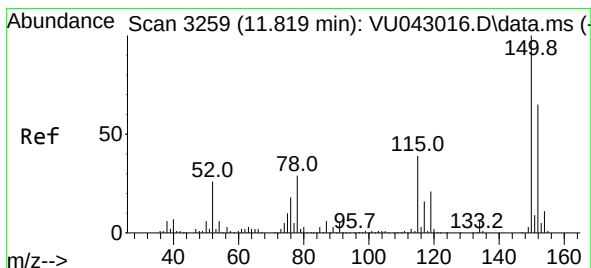
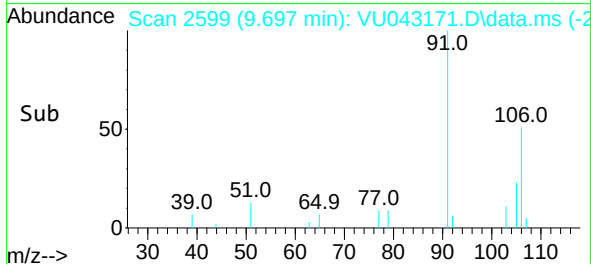
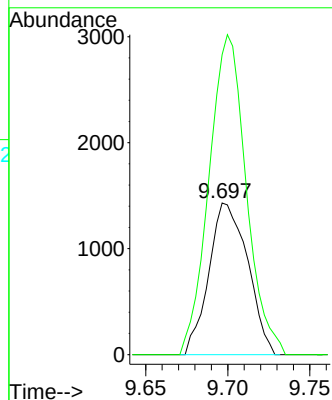
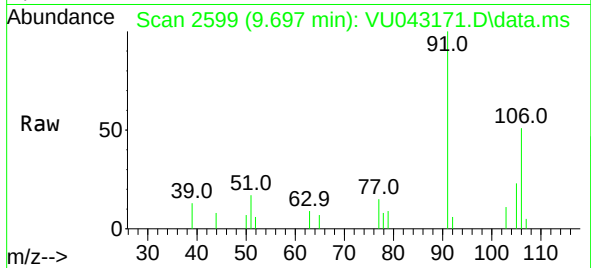




#68
m/p-Xylenes
Concen: 0.83 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. -0.003 min
Lab File: VU043171.D
Acq: 16 Apr 2021 16:14

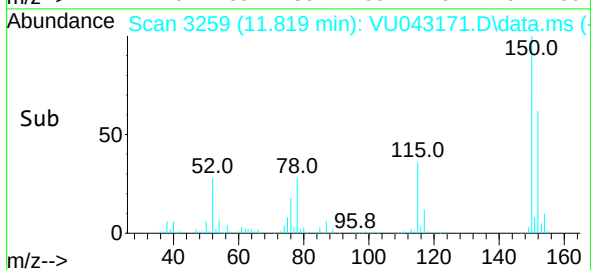
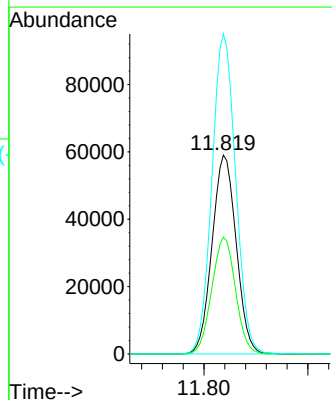
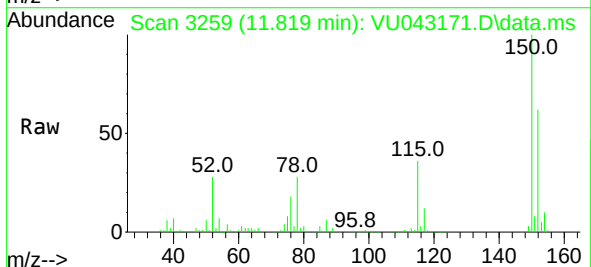
Instrument :
MSVOA_U
ClientSampleId :
TRIP-BLANK

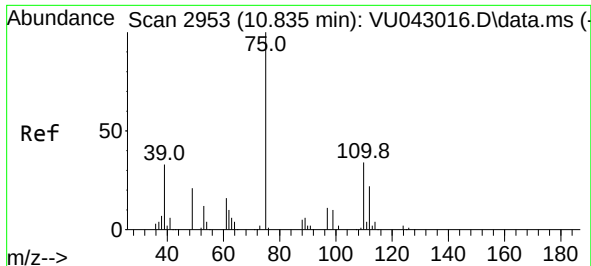
Tgt Ion:106 Resp: 2349
Ion Ratio Lower Upper
106 100
91 202.1 169.9 254.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU043171.D
Acq: 16 Apr 2021 16:14

Tgt Ion:152 Resp: 95272
Ion Ratio Lower Upper
152 100
115 57.6 41.5 124.6
150 158.0 0.0 342.4

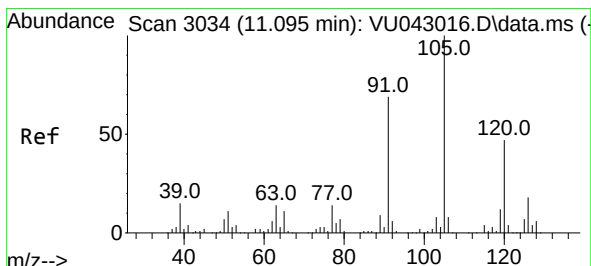
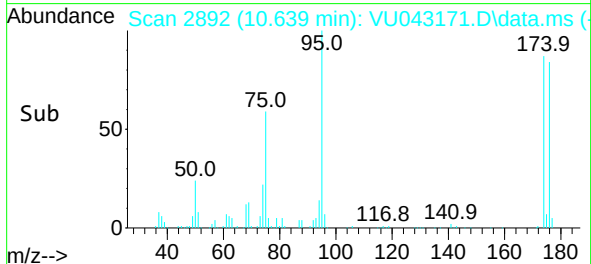
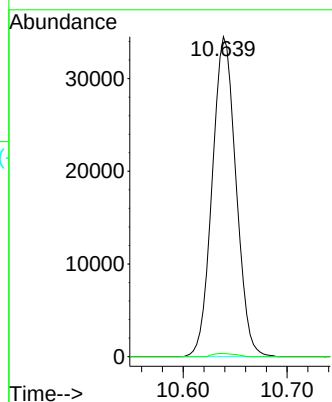
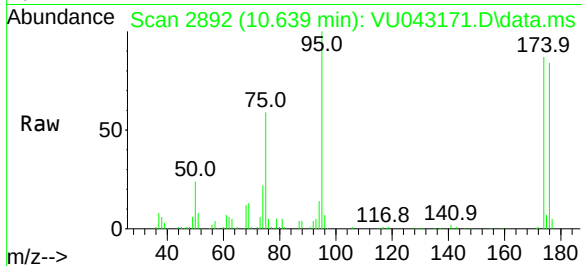




#76
1,2,3-Trichloropropane
Concen: 19.73 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.196 min
Lab File: VU043171.D
Acq: 16 Apr 2021 16:14

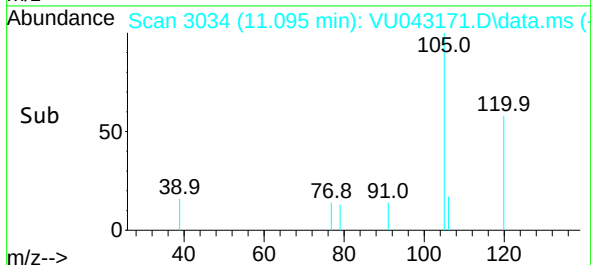
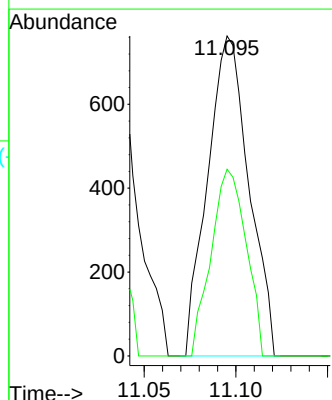
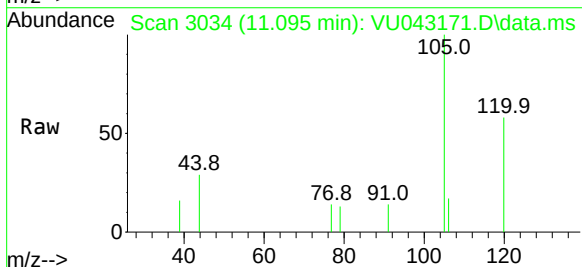
Instrument :
MSVOA_U
ClientSampleId :
TRIP-BLANK

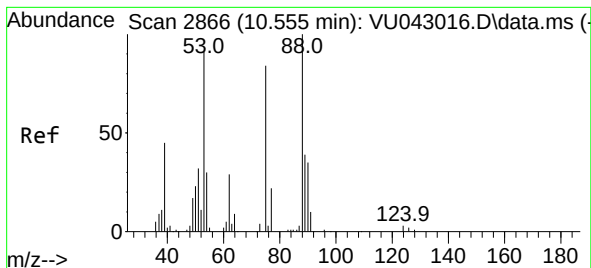
Tgt Ion: 75 Resp: 54925
Ion Ratio Lower Upper
75 100
77 1.0 20.2 60.5#



#80
1,3,5-Trimethylbenzene
Concen: 0.21 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. 0.000 min
Lab File: VU043171.D
Acq: 16 Apr 2021 16:14

Tgt Ion: 105 Resp: 1194
Ion Ratio Lower Upper
105 100
120 49.5 23.8 71.4

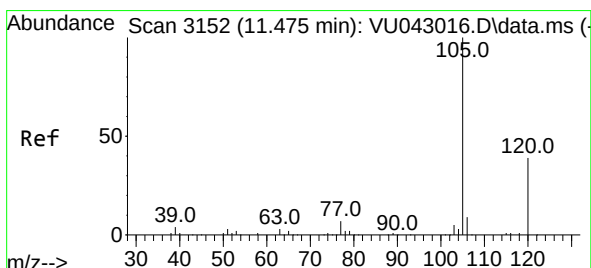
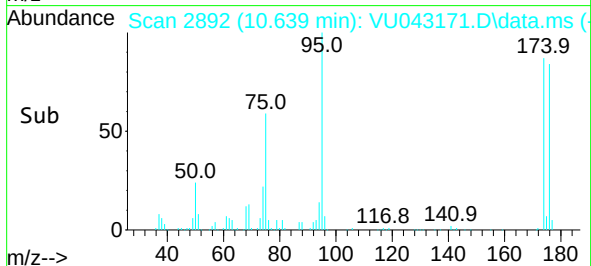
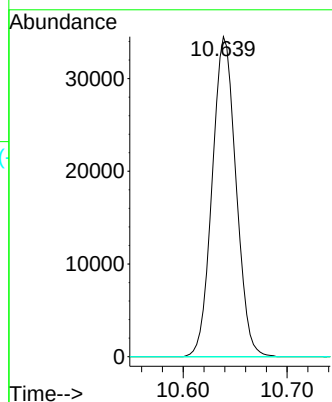
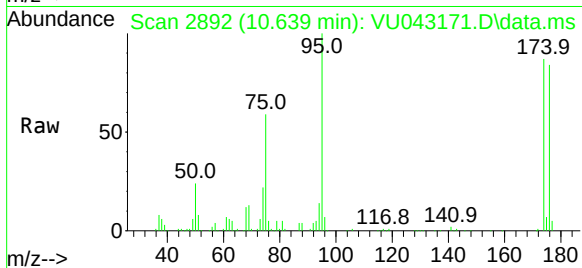




#81
trans-1,4-Dichloro-2-butene
Concen: 57.97 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.084 min
Lab File: VU043171.D
Acq: 16 Apr 2021 16:14

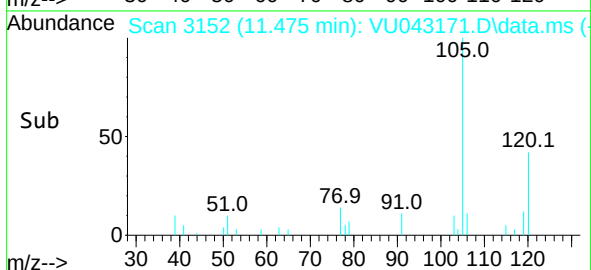
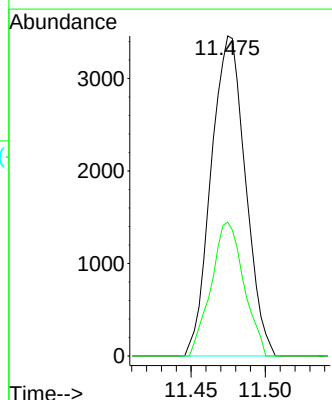
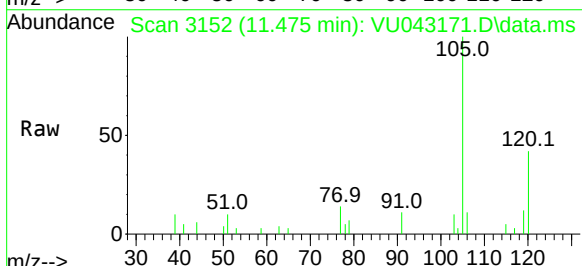
Instrument :
MSVOA_U
ClientSampleId :
TRIP-BLANK

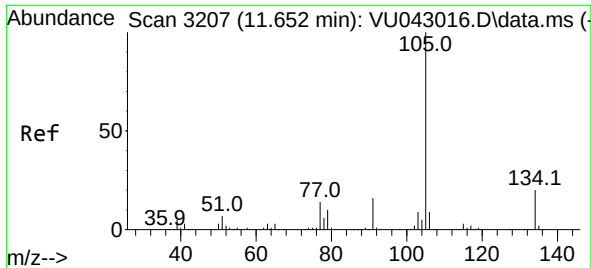
Tgt Ion: 75 Resp: 54925
Ion Ratio Lower Upper
75 100
53 0.0 85.6 128.4#
89 0.0 35.7 53.5#



#84
1,2,4-Trimethylbenzene
Concen: 0.96 ug/l
RT: 11.475 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VU043171.D
Acq: 16 Apr 2021 16:14

Tgt Ion: 105 Resp: 5548
Ion Ratio Lower Upper
105 100
120 39.9 22.3 66.8

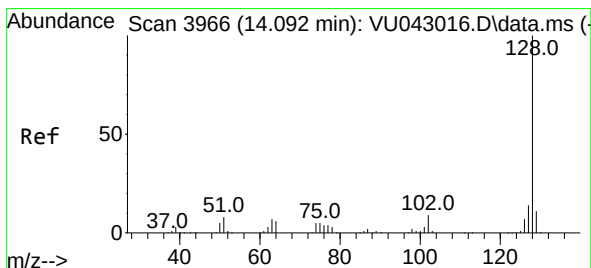
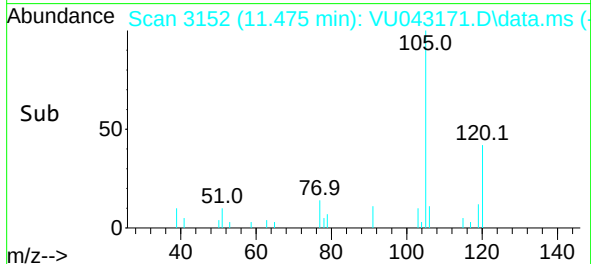
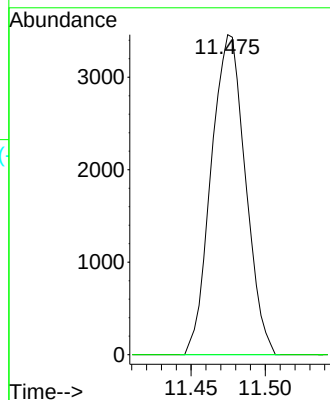
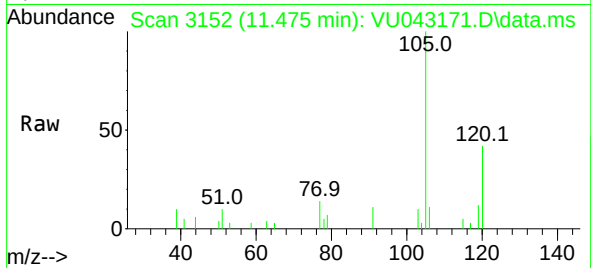




#85
 sec-Butylbenzene
 Concen: 0.85 ug/l
 RT: 11.475 min Scan# 3152
 Delta R.T. -0.177 min
 Lab File: VU043171.D
 Acq: 16 Apr 2021 16:14

Instrument :
 MSVOA_U
 ClientSampleId :
 TRIP-BLANK

Tgt Ion:105 Resp: 5548
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.0 30.0#



#95
 Naphthalene
 Concen: 3.88 ug/l
 RT: 14.095 min Scan# 3967
 Delta R.T. 0.003 min
 Lab File: VU043171.D
 Acq: 16 Apr 2021 16:14

Tgt Ion:128 Resp: 8296
 Ion Ratio Lower Upper
 128 100
 127 13.9 10.8 16.2
 129 11.5 8.6 13.0

