

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041621\
 Data File : VU043181.D
 Acq On : 16 Apr 2021 20:05
 Operator : SY/MD
 Sample : M2056-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WASTE-TANK-A

Quant Time: Apr 17 02:36:07 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)

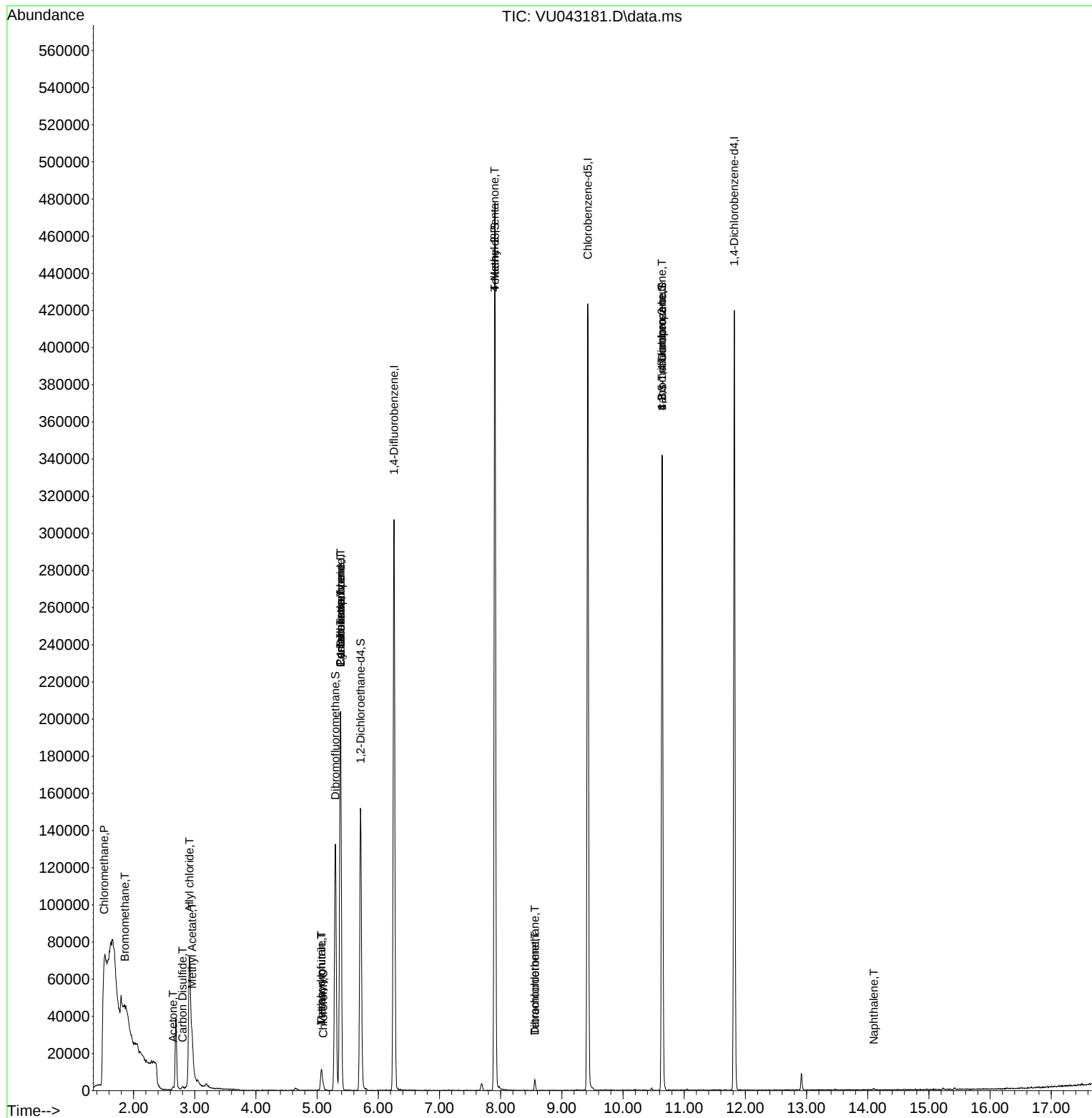
Internal Standards						
1) Pentafluorobenzene	5.382	168	139834	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	229248	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	215535	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	101845	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	119323	50.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.52%	
35) Dibromofluoromethane	5.298	113	81647	47.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.80%	
50) Toluene-d8	7.906	98	292003	47.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.80%	
62) 4-Bromofluorobenzene	10.639	95	104022	42.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.24%	
Target Compounds					Qvalue	
3) Chloromethane	1.520	50	4607	1.84	ug/l #	67
5) Bromomethane	1.858	94	291	0.34	ug/l #	52
14) Allyl chloride	2.916	41	109405	34.44	ug/l #	44
16) Acetone	2.646	43	1579	0.84	ug/l	92
17) Carbon Disulfide	2.800	76	1161	0.29	ug/l #	74
18) Methyl Acetate	2.957	43	15132	5.15	ug/l	96
29) Tetrahydrofuran	5.070	42	9032	6.72	ug/l	91
30) Chloroform	5.099	83	759	0.23	ug/l #	81
31) Cyclohexane	5.382	56	3629	1.25	ug/l #	23
36) 1,1-Dichloropropene	5.382	75	11464	4.71	ug/l #	52
38) Carbon Tetrachloride	5.382	117	14087	5.40	ug/l #	18
41) Methacrylonitrile	5.073	41	5479	2.51	ug/l #	52
51) 4-Methyl-2-Pentanone	7.903	43	1972	0.45	ug/l #	1
60) Dibromochloromethane	8.559	129	1061	0.50	ug/l #	11
64) Tetrachloroethene	8.559	164	1179	0.75	ug/l	90
76) 1,2,3-Trichloropropane	10.639	75	60165	20.22	ug/l #	37
81) trans-1,4-Dichloro-2-b...	10.639	75	60165	59.40	ug/l #	7
95) Naphthalene	14.102	128	1138	2.89	ug/l #	85

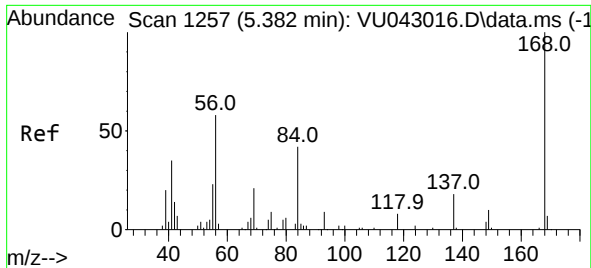
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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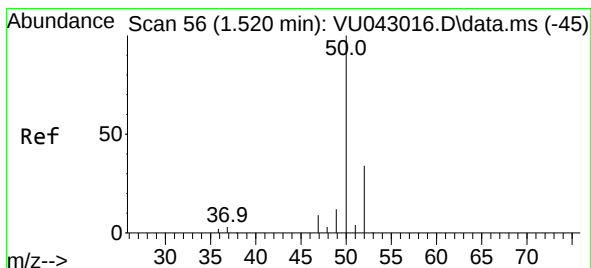
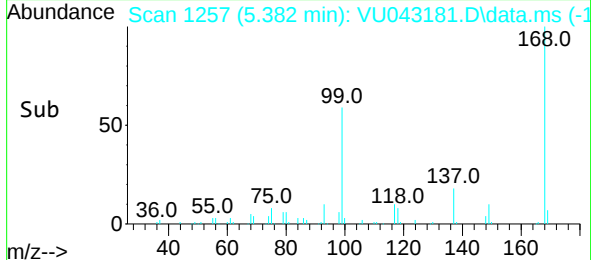
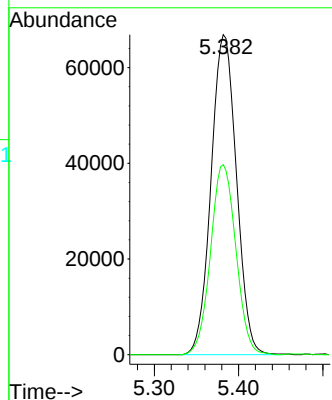
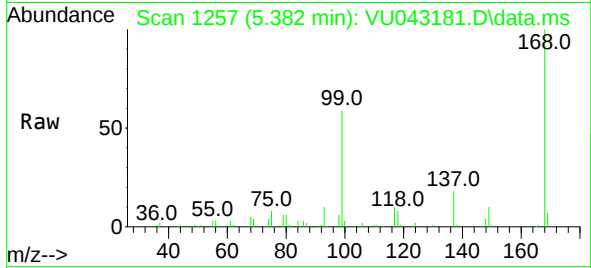




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043181.D
Acq: 16 Apr 2021 20:05

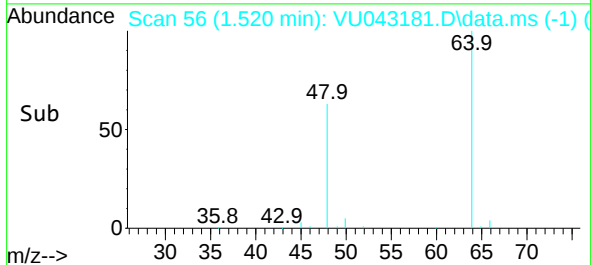
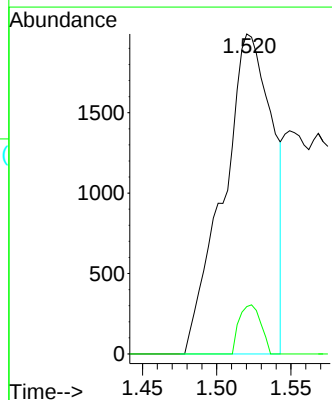
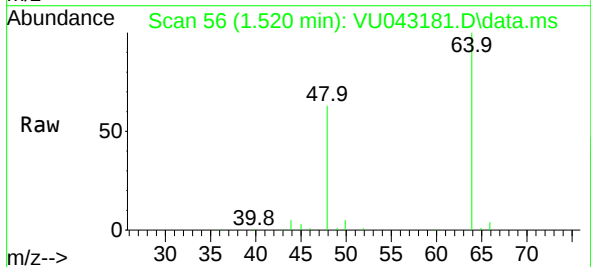
Instrument :
MSVOA_U
ClientSampleId :
WASTE-TANK-A

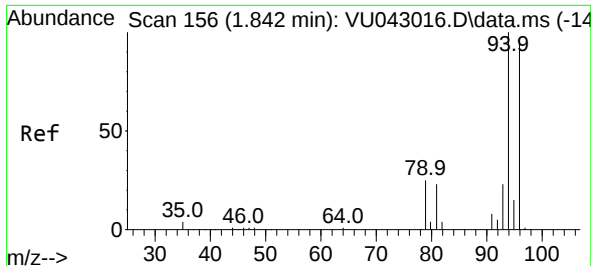
Tgt Ion:168 Resp: 139834
Ion Ratio Lower Upper
168 100
99 59.4 45.0 67.4



#3
Chloromethane
Concen: 1.84 ug/l
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU043181.D
Acq: 16 Apr 2021 20:05

Tgt Ion: 50 Resp: 4607
Ion Ratio Lower Upper
50 100
52 14.8 26.6 40.0#

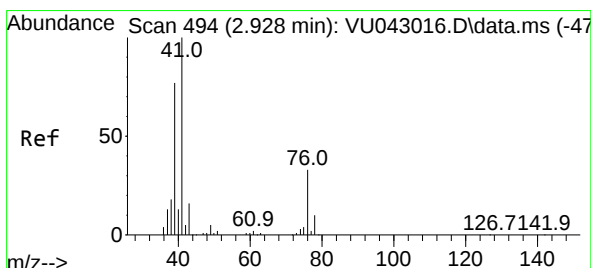
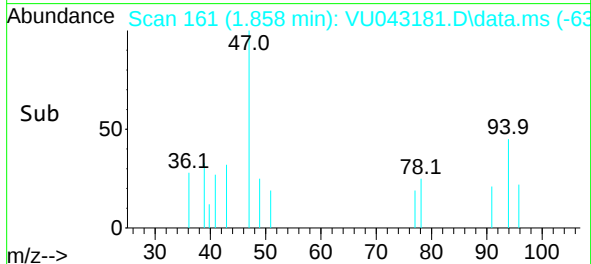
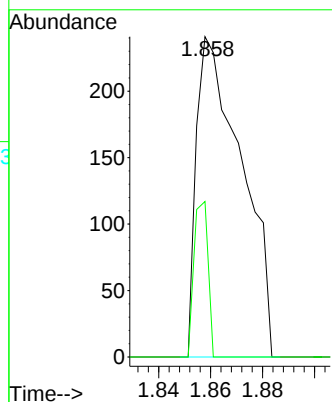
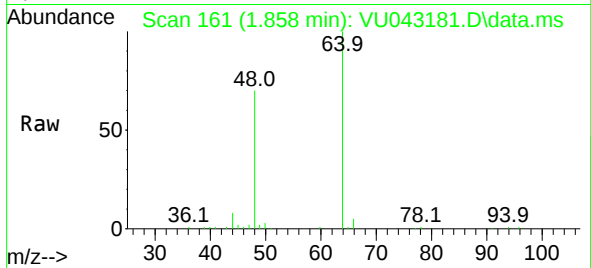




#5
Bromomethane
Concen: 0.34 ug/l
RT: 1.858 min Scan# 161
Delta R.T. 0.016 min
Lab File: VU043181.D
Acq: 16 Apr 2021 20:05

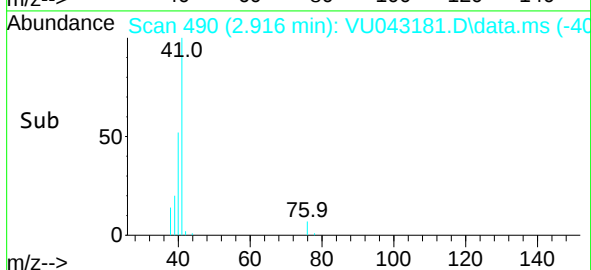
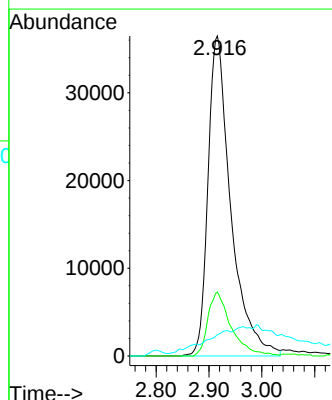
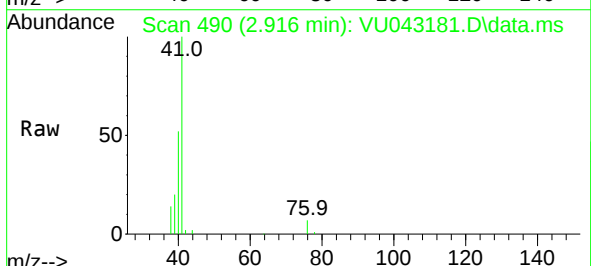
Instrument :
MSVOA_U
ClientSampleId :
WASTE-TANK-A

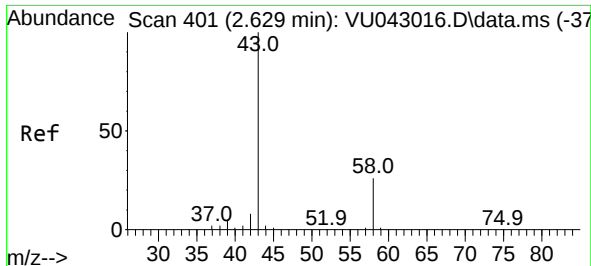
Tgt Ion: 94 Resp: 291
Ion Ratio Lower Upper
94 100
96 48.5 76.6 115.0#



#14
Allyl chloride
Concen: 34.44 ug/l
RT: 2.916 min Scan# 490
Delta R.T. -0.012 min
Lab File: VU043181.D
Acq: 16 Apr 2021 20:05

Tgt Ion: 41 Resp: 109405
Ion Ratio Lower Upper
41 100
39 20.4 54.9 82.3#
76 3.1 22.5 33.7#

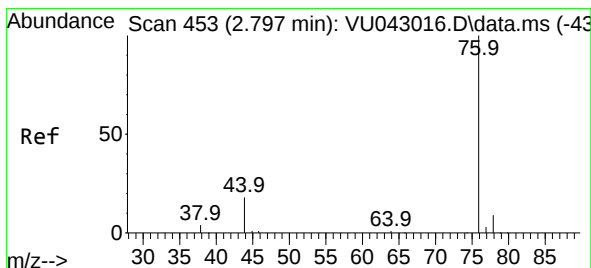
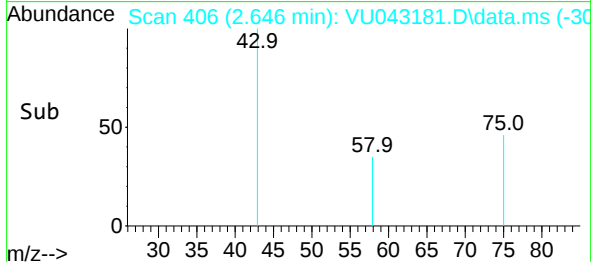
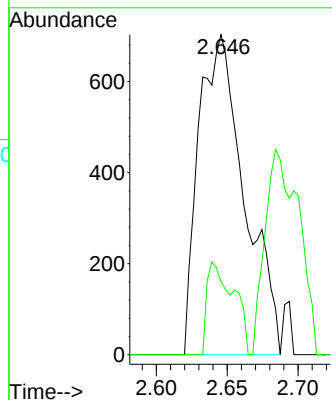
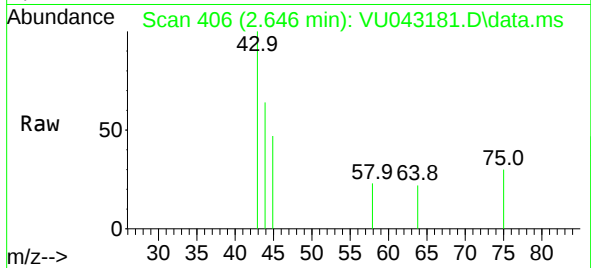




#16
Acetone
Concen: 0.84 ug/l
RT: 2.646 min Scan# 406
Delta R.T. 0.017 min
Lab File: VU043181.D
Acq: 16 Apr 2021 20:05

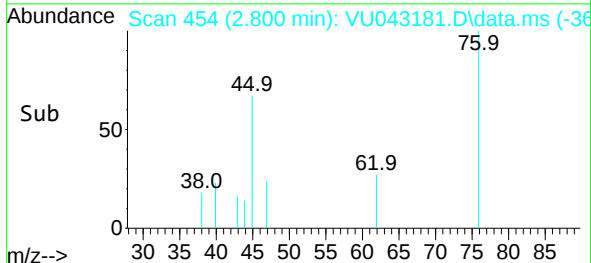
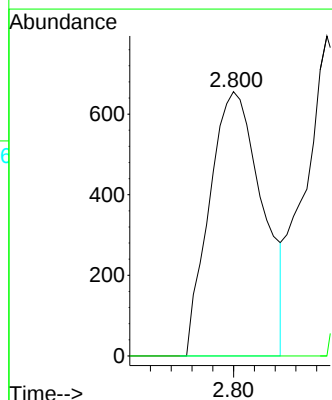
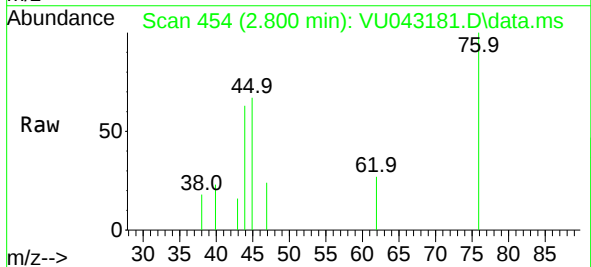
Instrument :
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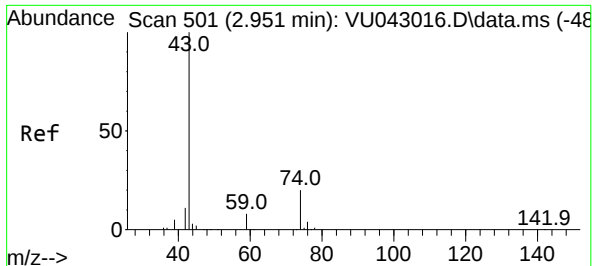
Tgt Ion: 43 Resp: 1579
Ion Ratio Lower Upper
43 100
58 22.8 21.5 32.3



#17
Carbon Disulfide
Concen: 0.29 ug/l
RT: 2.800 min Scan# 454
Delta R.T. 0.003 min
Lab File: VU043181.D
Acq: 16 Apr 2021 20:05

Tgt Ion: 76 Resp: 1161
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#

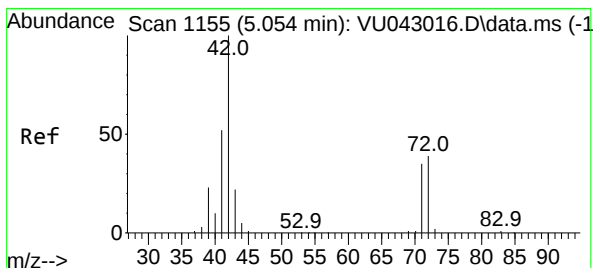
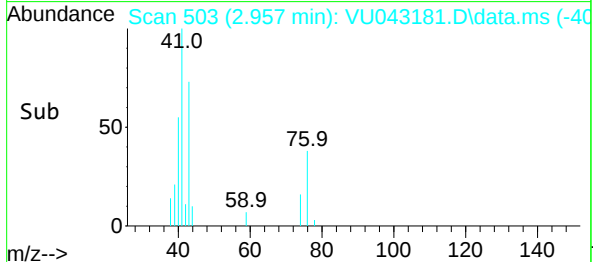
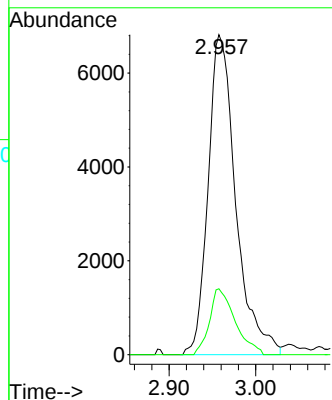
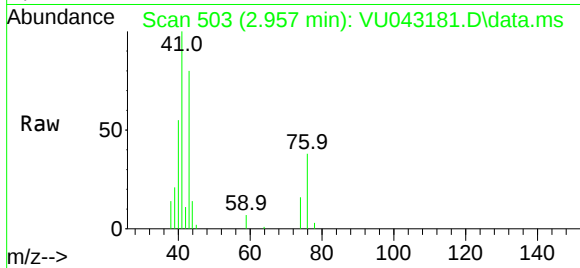




#18
Methyl Acetate
Concen: 5.15 ug/l
RT: 2.957 min Scan# 503
Delta R.T. 0.006 min
Lab File: VU043181.D
Acq: 16 Apr 2021 20:05

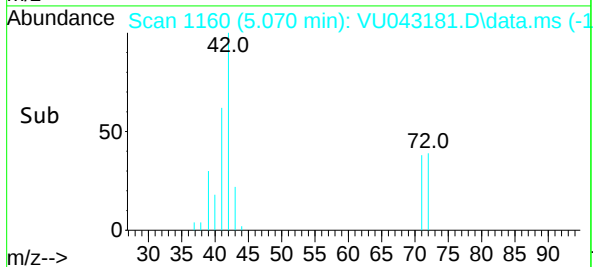
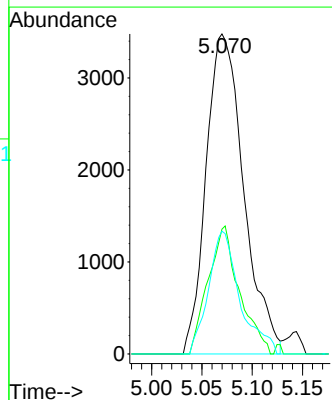
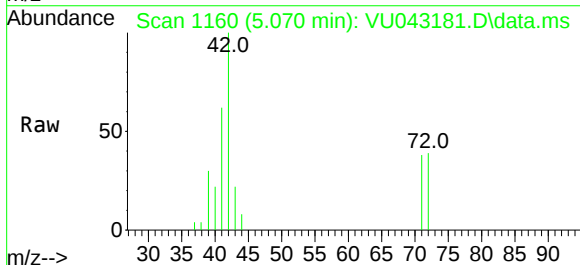
Instrument :
MSVOA_U
ClientSampleId :
WASTE-TANK-A

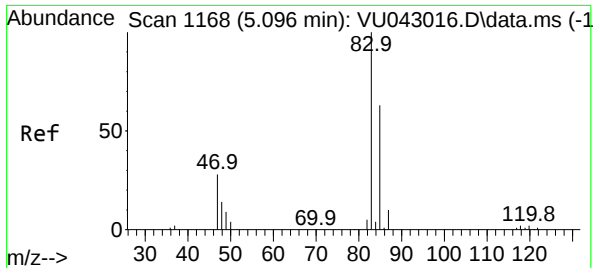
Tgt Ion: 43 Resp: 15132
Ion Ratio Lower Upper
43 100
74 19.1 16.6 25.0



#29
Tetrahydrofuran
Concen: 6.72 ug/l
RT: 5.070 min Scan# 1160
Delta R.T. 0.016 min
Lab File: VU043181.D
Acq: 16 Apr 2021 20:05

Tgt Ion: 42 Resp: 9032
Ion Ratio Lower Upper
42 100
72 33.4 31.5 47.3
71 32.1 29.5 44.3

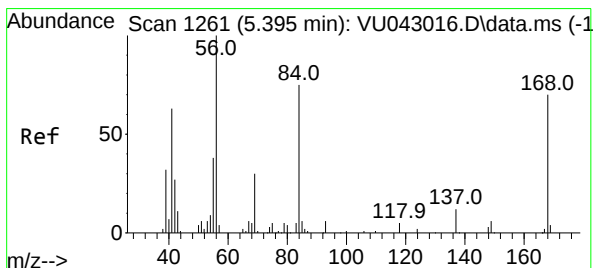
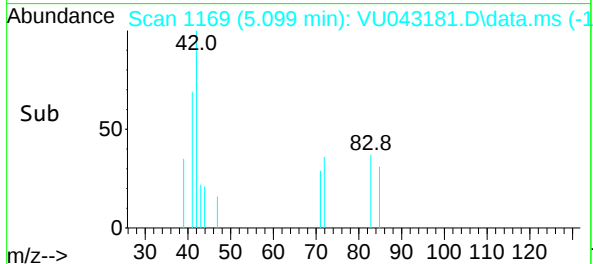
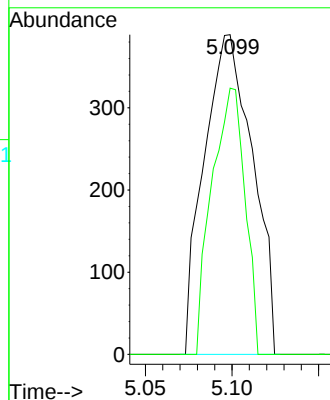
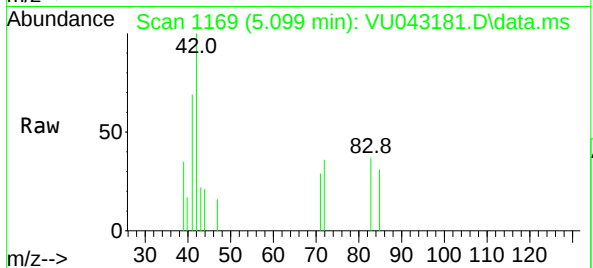




#30
Chloroform
Concen: 0.23 ug/l
RT: 5.099 min Scan# 1169
Delta R.T. 0.003 min
Lab File: VU043181.D
Acq: 16 Apr 2021 20:05

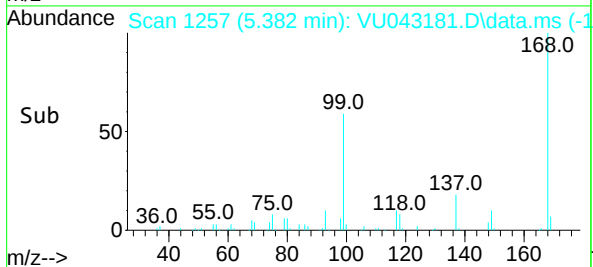
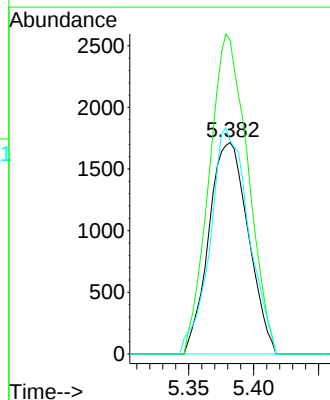
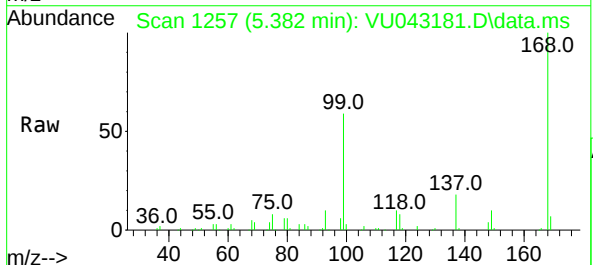
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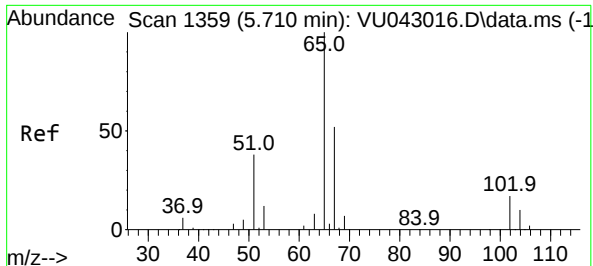
Tgt Ion: 83 Resp: 759
Ion Ratio Lower Upper
83 100
85 83.3 54.6 81.8#



#31
Cyclohexane
Concen: 1.25 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.013 min
Lab File: VU043181.D
Acq: 16 Apr 2021 20:05

Tgt Ion: 56 Resp: 3629
Ion Ratio Lower Upper
56 100
69 148.2 24.9 37.3#
84 100.8 63.7 95.5#

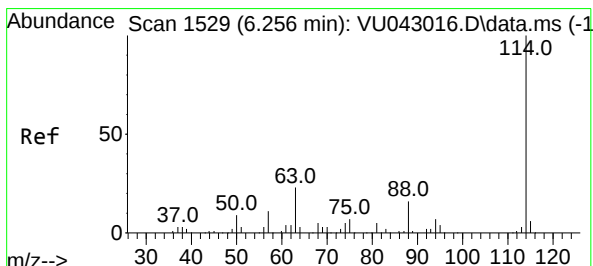
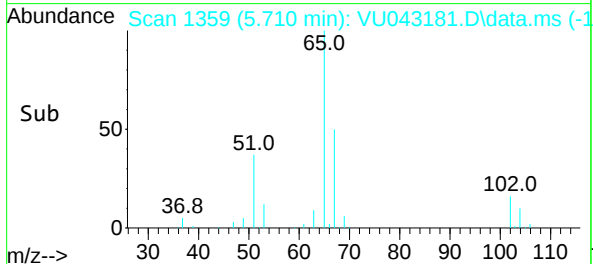
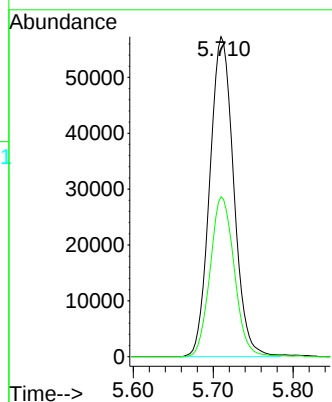
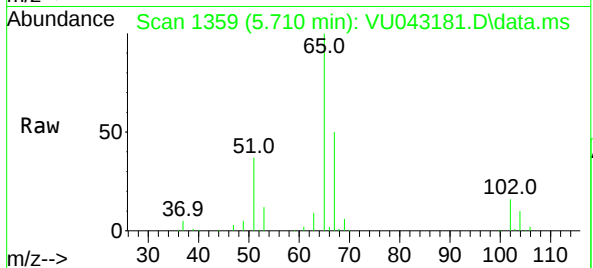




#33
1,2-Dichloroethane-d4
Concen: 50.76 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VU043181.D
Acq: 16 Apr 2021 20:05

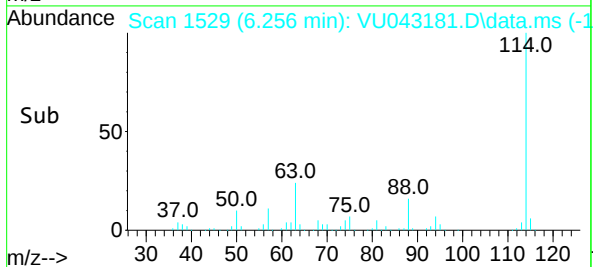
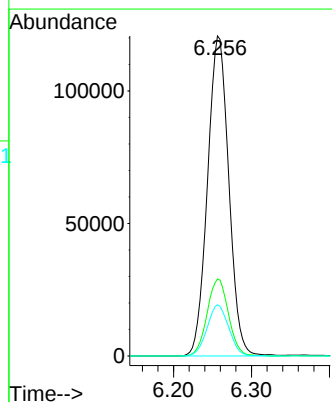
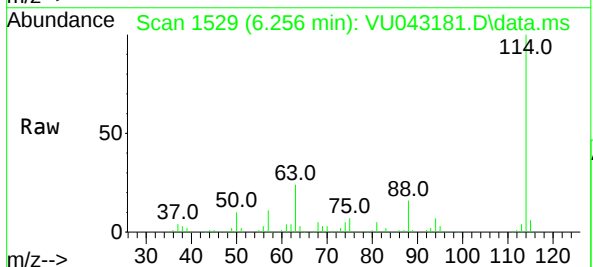
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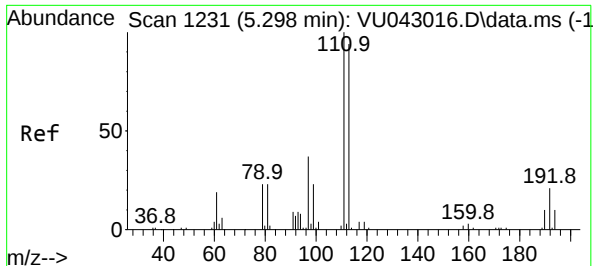
Tgt Ion: 65 Resp: 119323
Ion Ratio Lower Upper
65 100
67 50.3 0.0 99.8



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. 0.000 min
Lab File: VU043181.D
Acq: 16 Apr 2021 20:05

Tgt Ion: 114 Resp: 229248
Ion Ratio Lower Upper
114 100
63 24.0 0.0 44.2
88 16.0 0.0 33.4

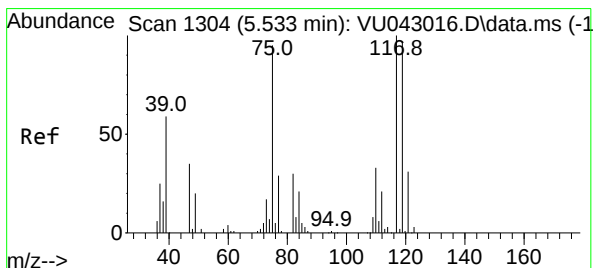
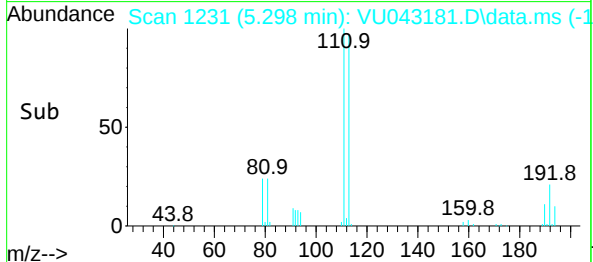
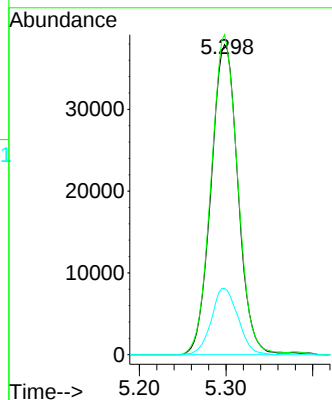
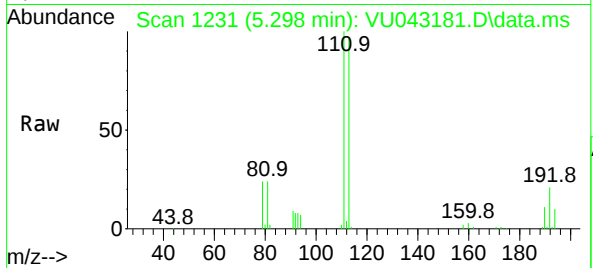




#35
Dibromofluoromethane
Concen: 47.40 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU043181.D
Acq: 16 Apr 2021 20:05

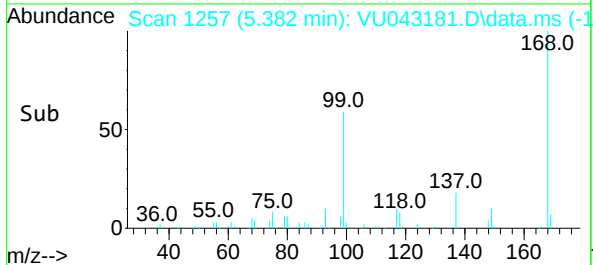
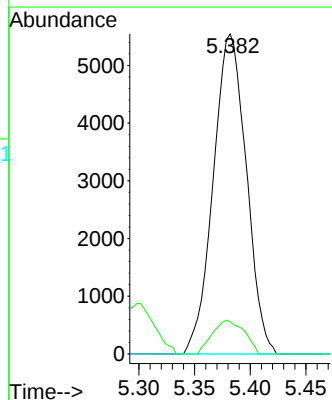
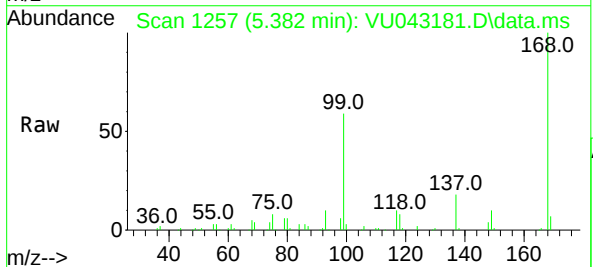
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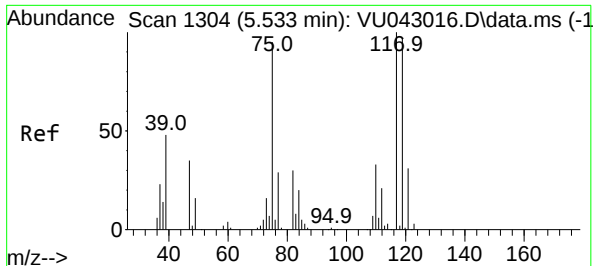
Tgt Ion:113 Resp: 81647
Ion Ratio Lower Upper
113 100
111 102.4 81.8 122.8
192 21.2 17.2 25.8



#36
1,1-Dichloropropene
Concen: 4.71 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU043181.D
Acq: 16 Apr 2021 20:05

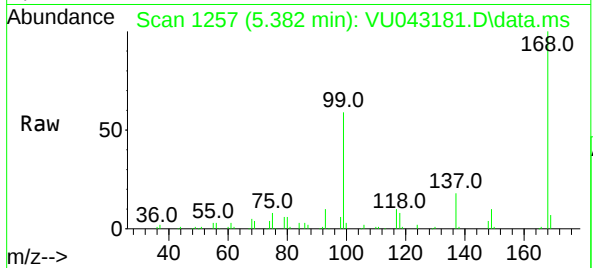
Tgt Ion: 75 Resp: 11464
Ion Ratio Lower Upper
75 100
110 10.1 16.8 50.3#
77 0.0 24.8 37.2#



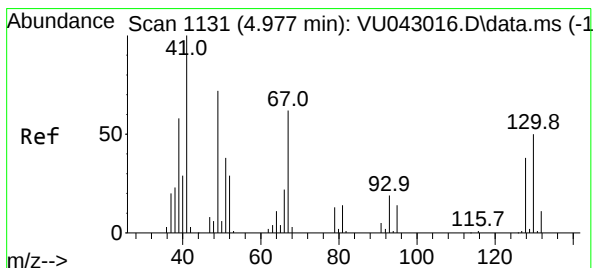
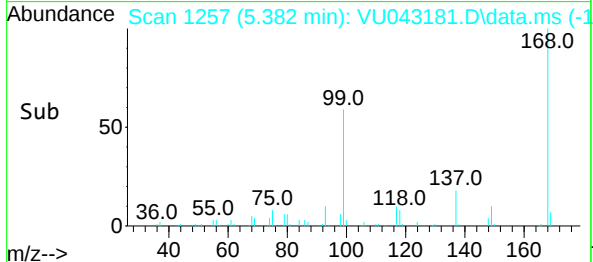
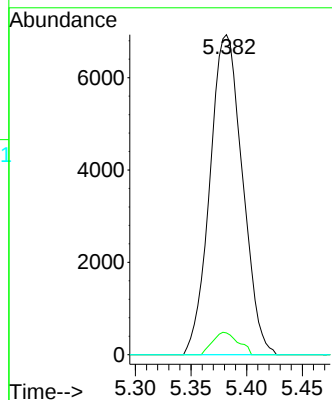


#38
Carbon Tetrachloride
Concen: 5.40 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU043181.D
Acq: 16 Apr 2021 20:05

Instrument :
MSVOA_U
ClientSampleId :
WASTE-TANK-A

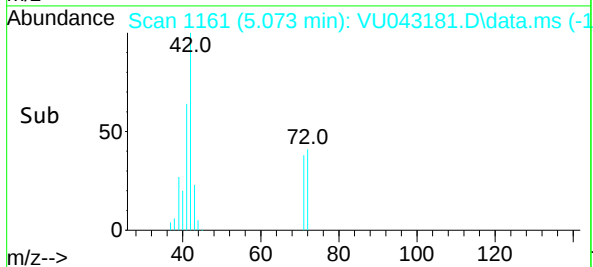
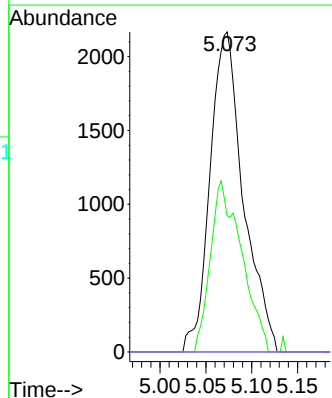
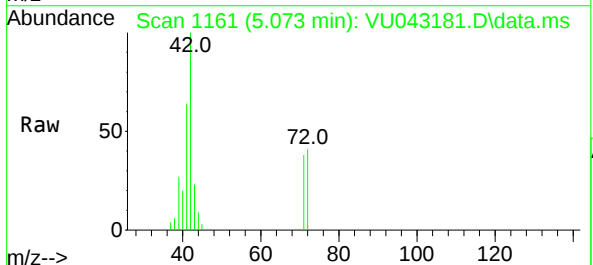


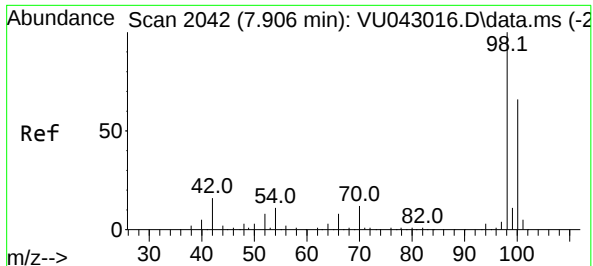
Tgt Ion: 117 Resp: 14087
Ion Ratio Lower Upper
117 100
119 6.8 75.5 113.3#
121 0.0 24.7 37.1#



#41
Methacrylonitrile
Concen: 2.51 ug/l
RT: 5.073 min Scan# 1161
Delta R.T. 0.096 min
Lab File: VU043181.D
Acq: 16 Apr 2021 20:05

Tgt Ion: 41 Resp: 5479
Ion Ratio Lower Upper
41 100
39 50.0 45.1 67.7
67 0.0 50.2 75.2#
52 0.0 22.1 33.1#

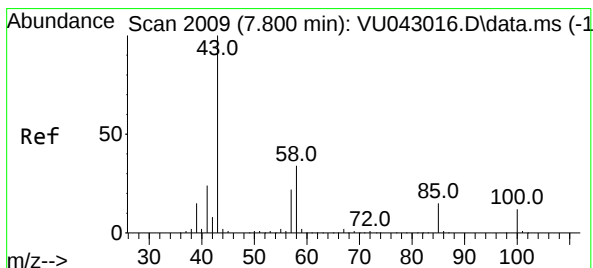
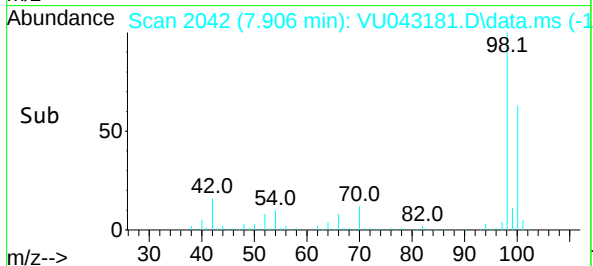
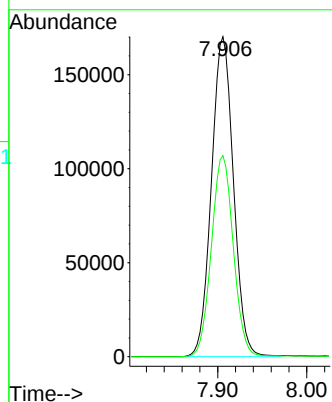
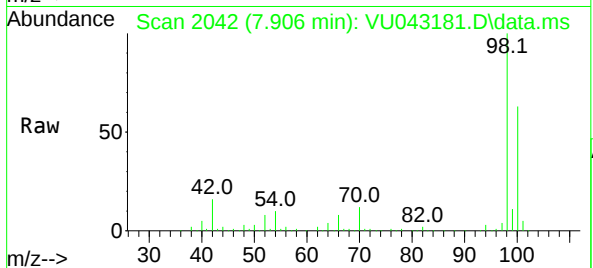




#50
Toluene-d8
Concen: 47.90 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU043181.D
Acq: 16 Apr 2021 20:05

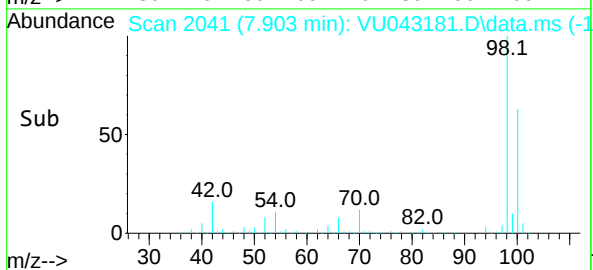
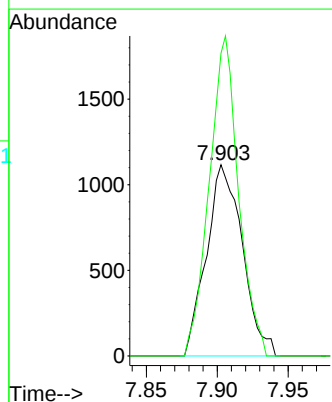
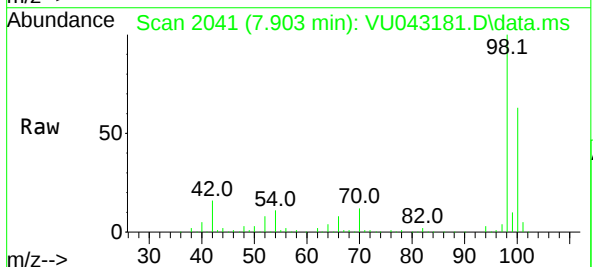
Instrument :
MSVOA_U
ClientSampleId :
WASTE-TANK-A

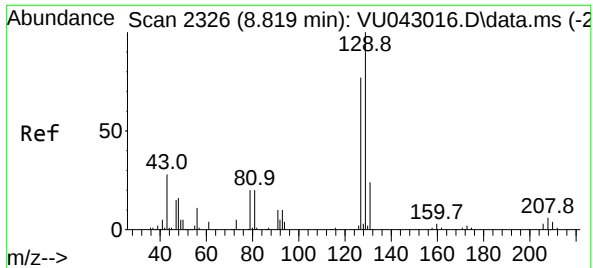
Tgt Ion: 98 Resp: 292003
Ion Ratio Lower Upper
98 100
100 62.7 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 0.45 ug/l
RT: 7.903 min Scan# 2041
Delta R.T. 0.103 min
Lab File: VU043181.D
Acq: 16 Apr 2021 20:05

Tgt Ion: 43 Resp: 1972
Ion Ratio Lower Upper
43 100
58 136.5 28.1 42.1#

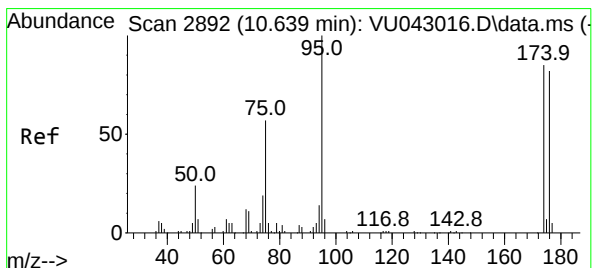
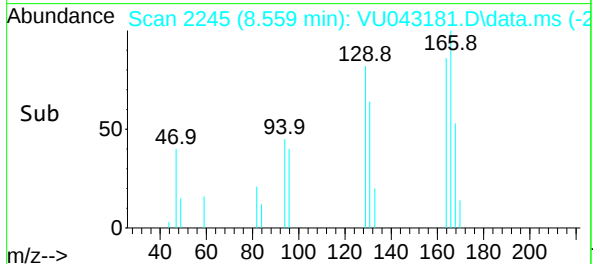
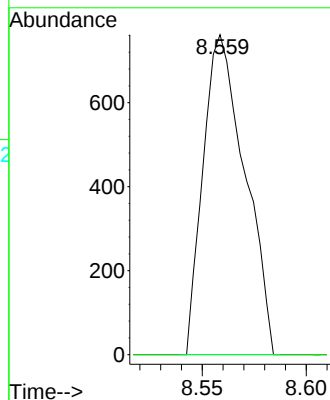
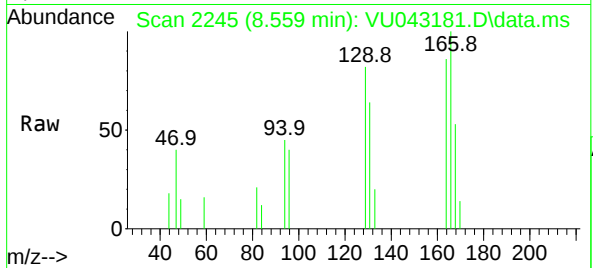




#60
Dibromochloromethane
Concen: 0.50 ug/l
RT: 8.559 min Scan# 2245
Delta R.T. -0.261 min
Lab File: VU043181.D
Acq: 16 Apr 2021 20:05

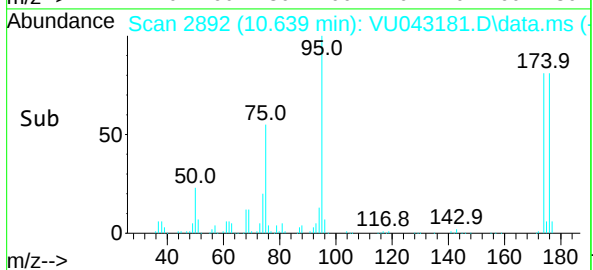
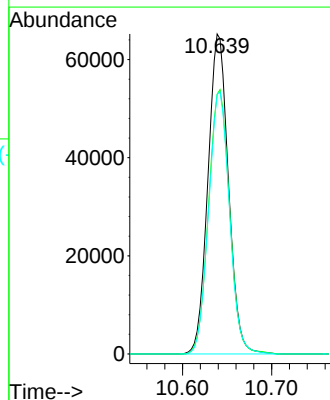
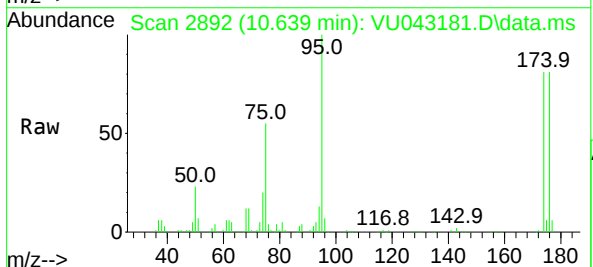
Instrument :
MSVOA_U
ClientSampleId :
WASTE-TANK-A

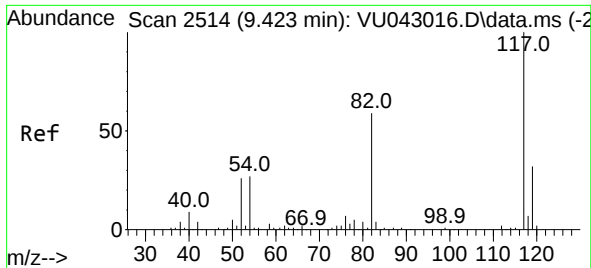
Tgt Ion:129 Resp: 1061
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.3#



#62
4-Bromofluorobenzene
Concen: 42.62 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043181.D
Acq: 16 Apr 2021 20:05

Tgt Ion: 95 Resp: 104022
Ion Ratio Lower Upper
95 100
174 84.7 0.0 172.2
176 83.3 0.0 168.8

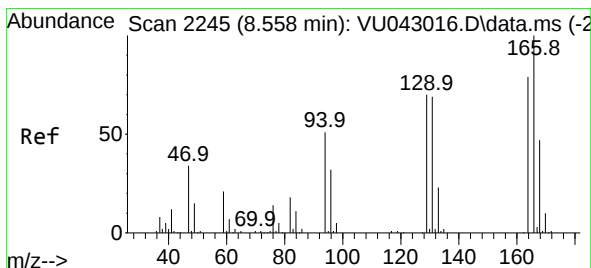
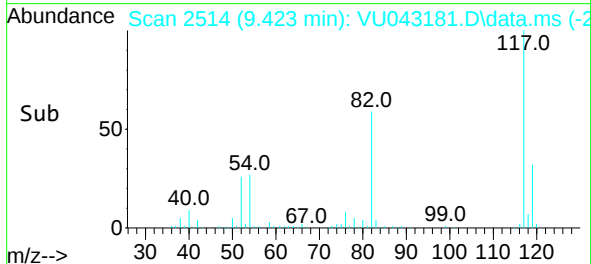
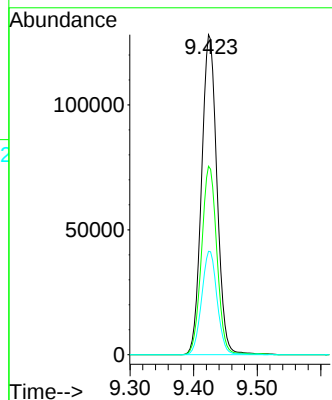
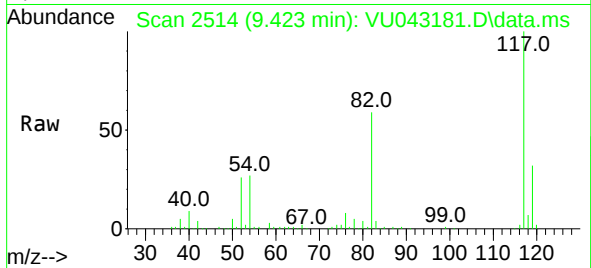




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043181.D
Acq: 16 Apr 2021 20:05

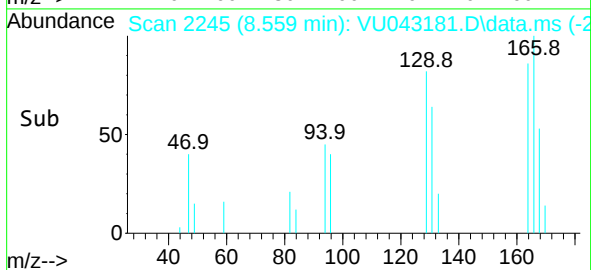
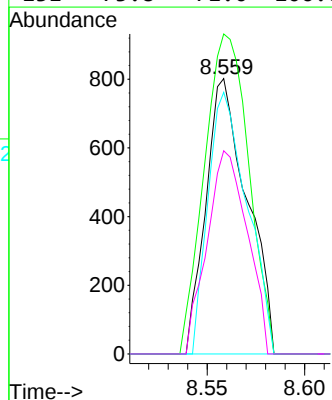
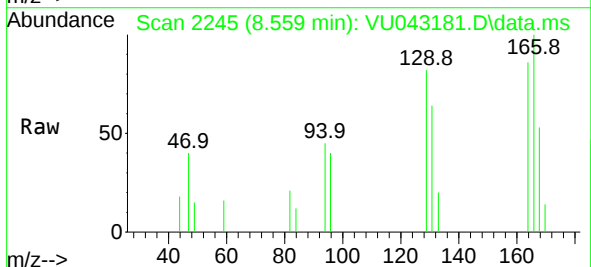
Instrument :
MSVOA_U
ClientSampleId :
WASTE-TANK-A

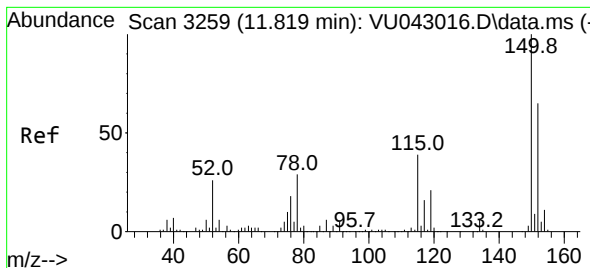
Tgt Ion:	117	Resp:	215535
Ion Ratio	Lower	Upper	
117	100		
82	58.9	45.8	68.6
119	32.3	25.8	38.8



#64
Tetrachloroethene
Concen: 0.75 ug/l
RT: 8.559 min Scan# 2245
Delta R.T. 0.001 min
Lab File: VU043181.D
Acq: 16 Apr 2021 20:05

Tgt Ion:	164	Resp:	1179
Ion Ratio	Lower	Upper	
164	100		
166	116.2	105.3	157.9
129	95.0	75.0	112.6
131	73.8	71.0	106.6

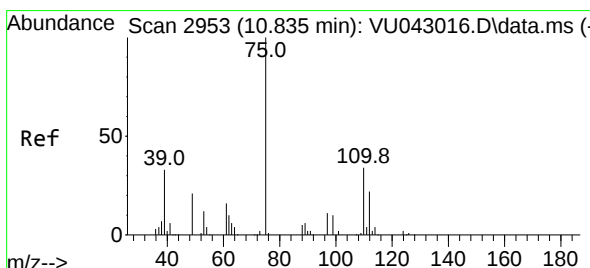
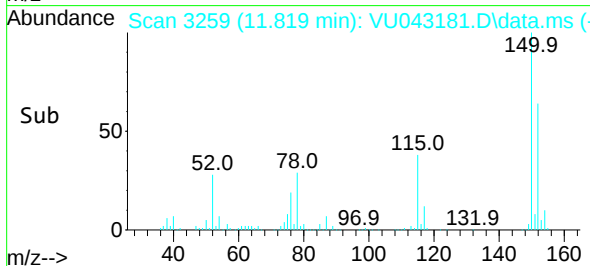
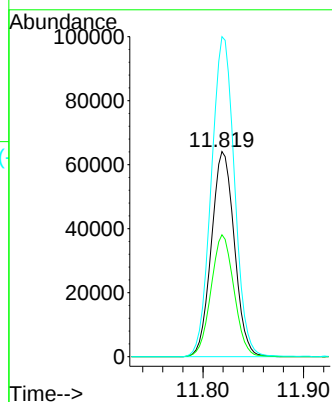
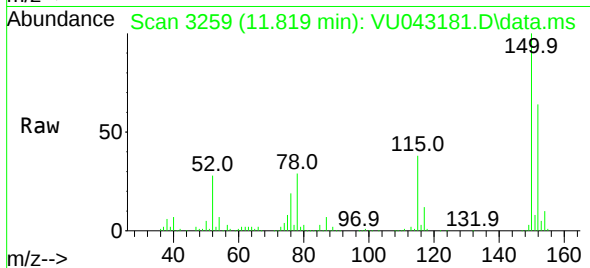




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU043181.D
Acq: 16 Apr 2021 20:05

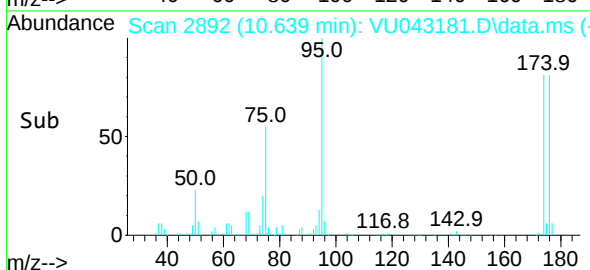
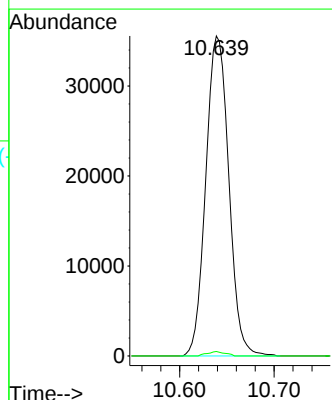
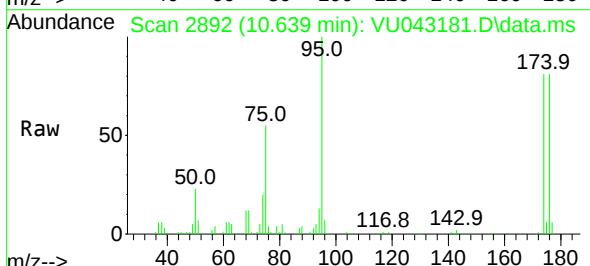
Instrument :
MSVOA_U
ClientSampleId :
WASTE-TANK-A

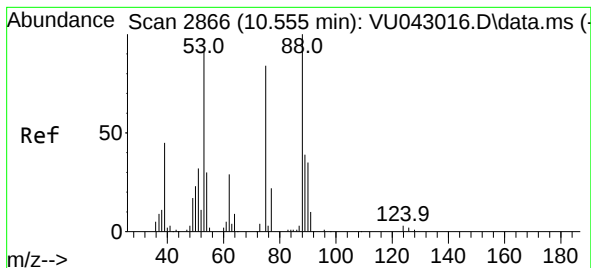
Tgt Ion:152 Resp: 101845
Ion Ratio Lower Upper
152 100
115 59.5 41.5 124.6
150 157.7 0.0 342.4



#76
1,2,3-Trichloropropane
Concen: 20.22 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.196 min
Lab File: VU043181.D
Acq: 16 Apr 2021 20:05

Tgt Ion: 75 Resp: 60165
Ion Ratio Lower Upper
75 100
77 1.1 20.2 60.5#

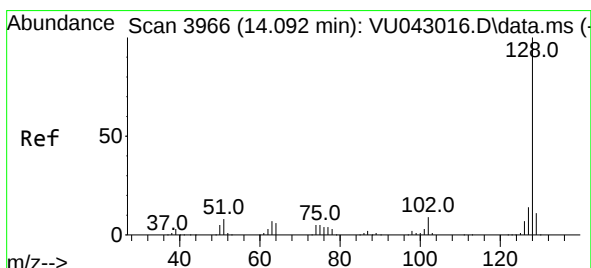
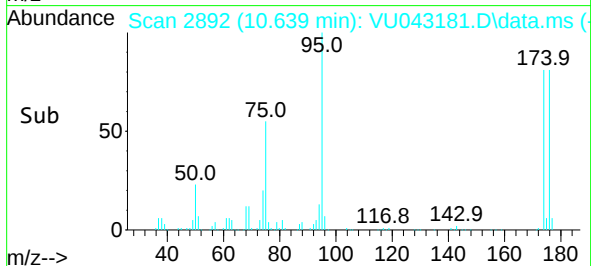
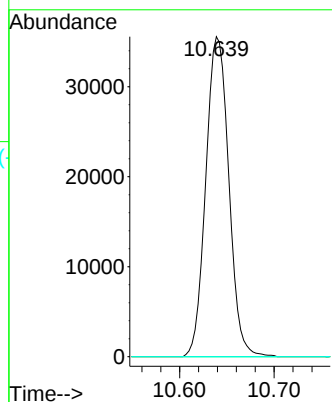
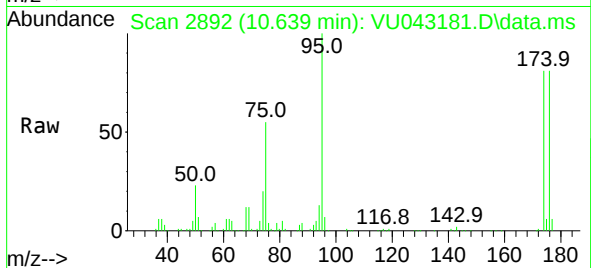




#81
trans-1,4-Dichloro-2-butene
Concen: 59.40 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.084 min
Lab File: VU043181.D
Acq: 16 Apr 2021 20:05

Instrument :
MSVOA_U
ClientSampleId :
WASTE-TANK-A

Tgt Ion: 75 Resp: 60165
Ion Ratio Lower Upper
75 100
53 0.0 85.6 128.4#
89 0.0 35.7 53.5#



#95
Naphthalene
Concen: 2.89 ug/l
RT: 14.102 min Scan# 3969
Delta R.T. 0.010 min
Lab File: VU043181.D
Acq: 16 Apr 2021 20:05

Tgt Ion: 128 Resp: 1138
Ion Ratio Lower Upper
128 100
127 6.3 10.8 16.2#
129 6.2 8.6 13.0#

