

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041621\
 Data File : VU043182.D
 Acq On : 16 Apr 2021 20:28
 Operator : SY/MD
 Sample : M2056-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WASTE-TANK-B

Quant Time: Apr 17 02:36:24 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)

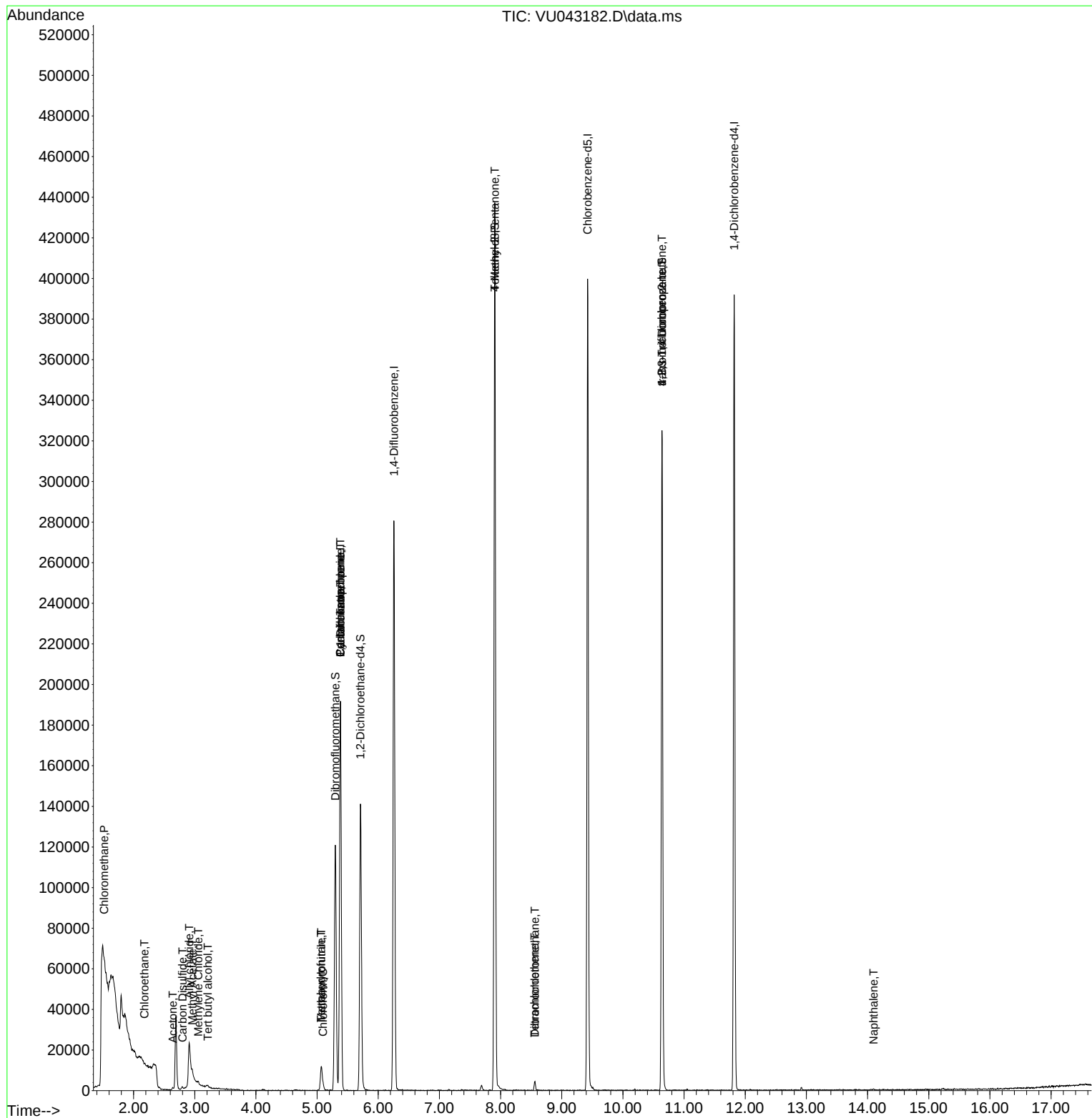
Internal Standards						
1) Pentafluorobenzene	5.382	168	127791	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	207973	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	197888	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	97259	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	108439	50.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.96%	
35) Dibromofluoromethane	5.298	113	74580	47.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.44%	
50) Toluene-d8	7.906	98	263905	47.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.44%	
62) 4-Bromofluorobenzene	10.639	95	95586	43.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.34%	
Target Compounds					Qvalue	
3) Chloromethane	1.520	50	1977	0.21	ug/l #	80
6) Chloroethane	2.179	64	1710	1.69	ug/l #	53
11) Tert butyl alcohol	3.215	59	169	0.31	ug/l #	94
14) Allyl chloride	2.909	41	28794	9.92	ug/l #	43
16) Acetone	2.642	43	1566	0.94	ug/l #	79
17) Carbon Disulfide	2.800	76	915	0.25	ug/l #	74
18) Methyl Acetate	2.960	43	5009	1.87	ug/l #	90
20) Methylene Chloride	3.057	84	417	0.27	ug/l #	67
29) Tetrahydrofuran	5.067	42	8978	7.31	ug/l	92
30) Chloroform	5.095	83	827	0.28	ug/l	86
31) Cyclohexane	5.382	56	3293	1.24	ug/l #	43
36) 1,1-Dichloropropene	5.382	75	10643	4.82	ug/l #	49
38) Carbon Tetrachloride	5.382	117	12800	5.41	ug/l #	16
41) Methacrylonitrile	5.070	41	5292	2.67	ug/l #	53
51) 4-Methyl-2-Pentanone	7.906	43	1580	0.40	ug/l #	1
60) Dibromochloromethane	8.562	129	811	0.42	ug/l #	11
64) Tetrachloroethene	8.558	164	988	0.69	ug/l #	77
76) 1,2,3-Trichloropropane	10.639	75	56877	20.01	ug/l #	36
81) trans-1,4-Dichloro-2-b...	10.639	75	56877	58.81	ug/l #	7
95) Naphthalene	14.098	128	725	2.84	ug/l #	69

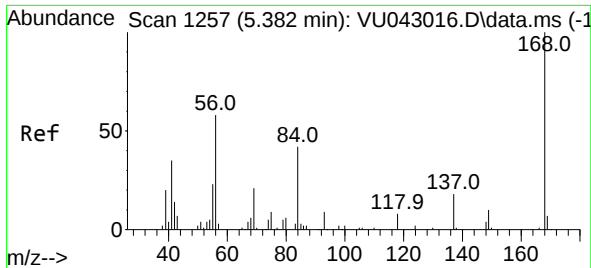
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Apr 12 13:17:29 2021
Response via : Initial Calibration

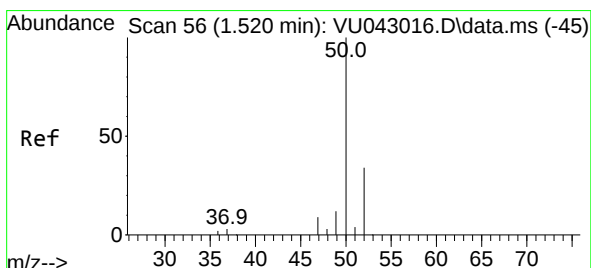
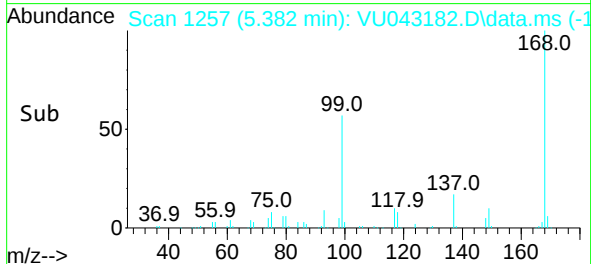
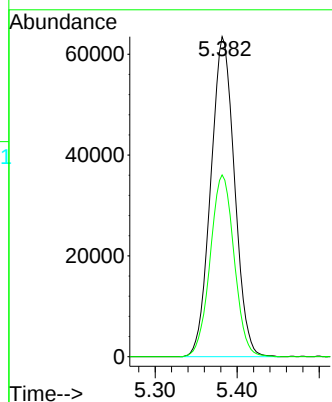
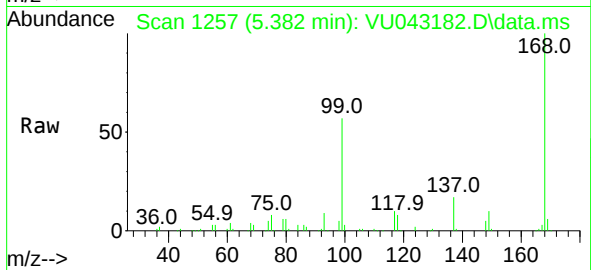




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043182.D
Acq: 16 Apr 2021 20:28

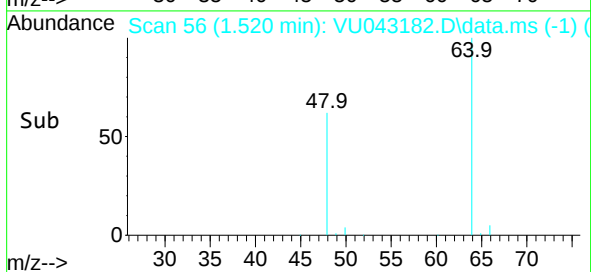
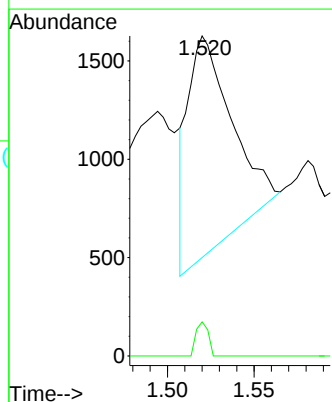
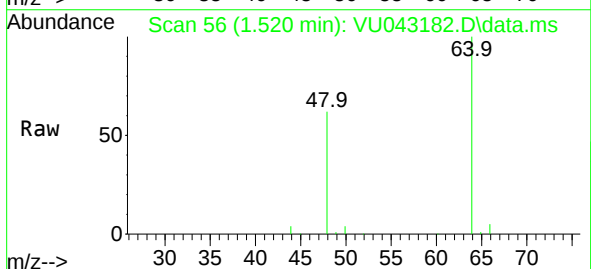
Instrument :
MSVOA_U
ClientSampleId :
WASTE-TANK-B

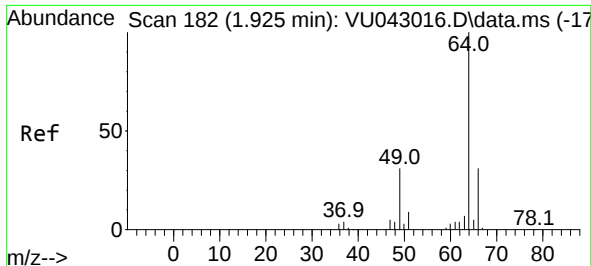
Tgt Ion:168 Resp: 127791
Ion Ratio Lower Upper
168 100
99 56.8 45.0 67.4



#3
Chloromethane
Concen: 0.21 ug/l
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU043182.D
Acq: 16 Apr 2021 20:28

Tgt Ion: 50 Resp: 1977
Ion Ratio Lower Upper
50 100
52 21.8 26.6 40.0#

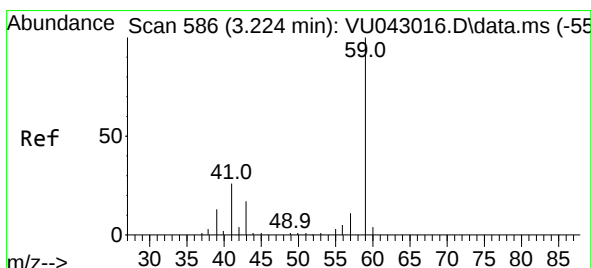
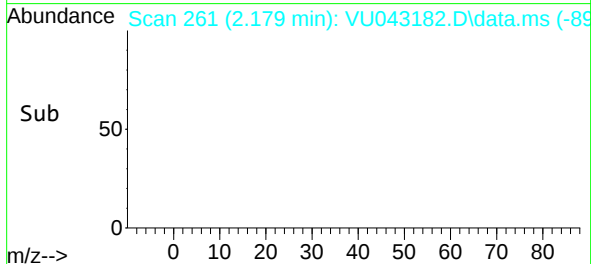
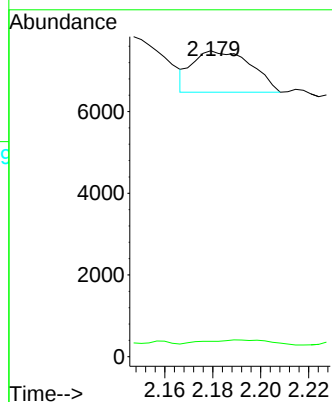
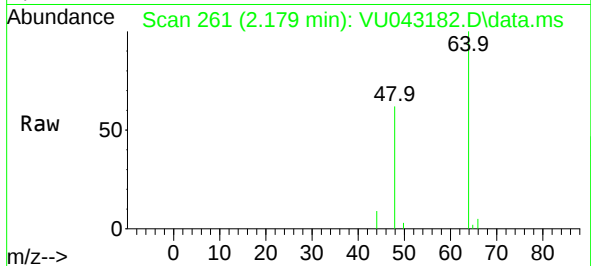




#6
Chloroethane
Concen: 1.69 ug/l
RT: 2.179 min Scan# 261
Delta R.T. 0.254 min
Lab File: VU043182.D
Acq: 16 Apr 2021 20:28

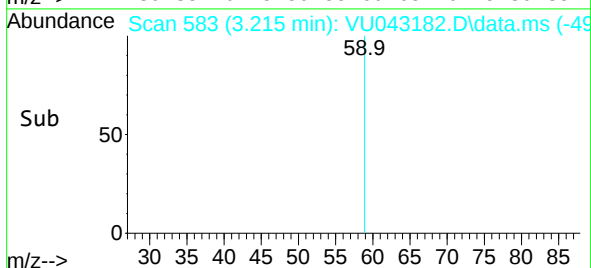
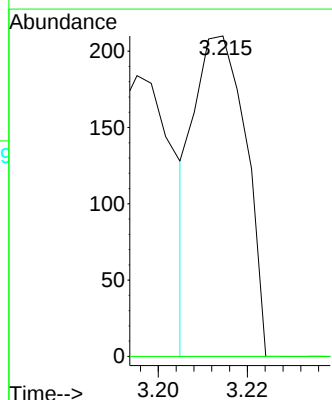
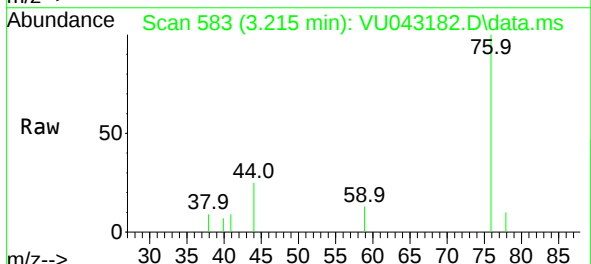
Instrument :
MSVOA_U
ClientSampleId :
WASTE-TANK-B

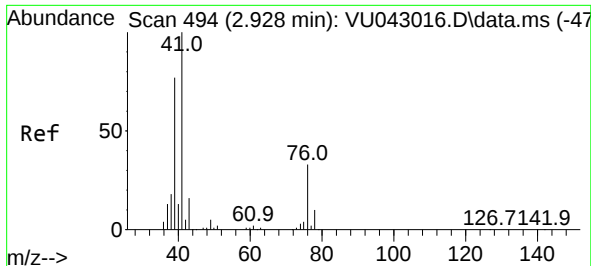
Tgt Ion: 64 Resp: 1710
Ion Ratio Lower Upper
64 100
66 6.3 26.4 39.6#



#11
Tert butyl alcohol
Concen: 0.31 ug/l
RT: 3.215 min Scan# 583
Delta R.T. -0.010 min
Lab File: VU043182.D
Acq: 16 Apr 2021 20:28

Tgt Ion: 59 Resp: 169
Ion Ratio Lower Upper
59 100
57 0.0 1.6 2.4#

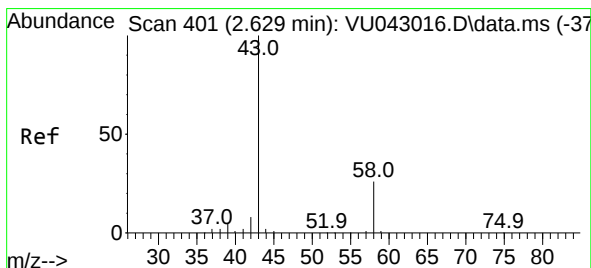
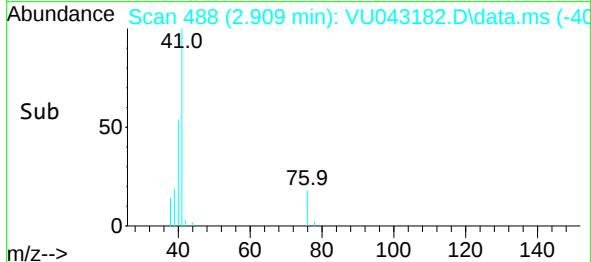
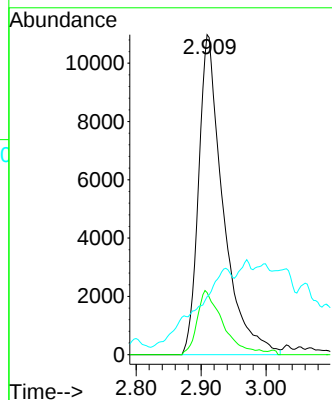
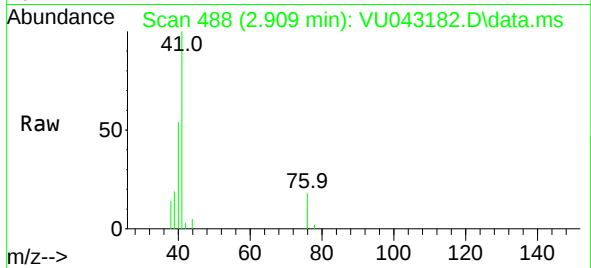




#14
 Allyl chloride
 Concen: 9.92 ug/l
 RT: 2.909 min Scan# 488
 Delta R.T. -0.019 min
 Lab File: VU043182.D
 Acq: 16 Apr 2021 20:28

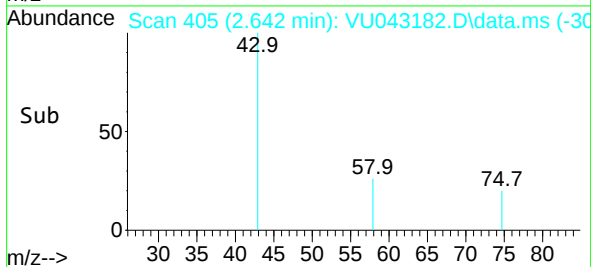
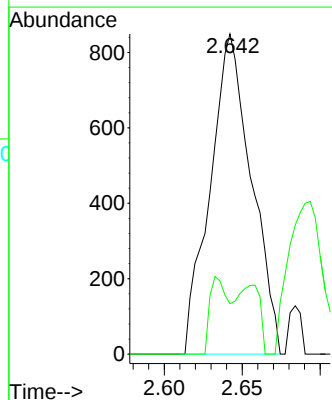
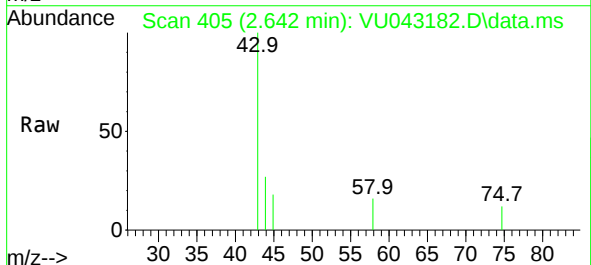
Instrument :
 MSVOA_U
 ClientSampleId :
 WASTE-TANK-B

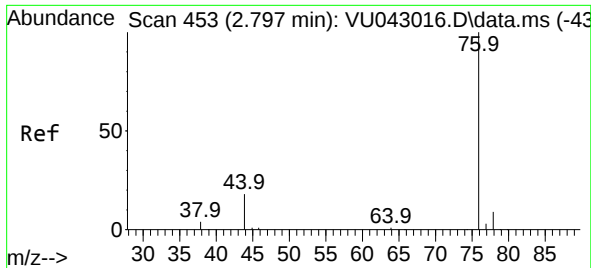
Tgt Ion: 41 Resp: 28794
 Ion Ratio Lower Upper
 41 100
 39 21.2 54.9 82.3#
 76 0.0 22.5 33.7#



#16
 Acetone
 Concen: 0.94 ug/l
 RT: 2.642 min Scan# 405
 Delta R.T. 0.013 min
 Lab File: VU043182.D
 Acq: 16 Apr 2021 20:28

Tgt Ion: 43 Resp: 1566
 Ion Ratio Lower Upper
 43 100
 58 15.8 21.5 32.3#

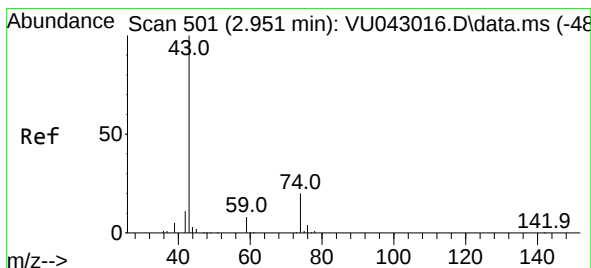
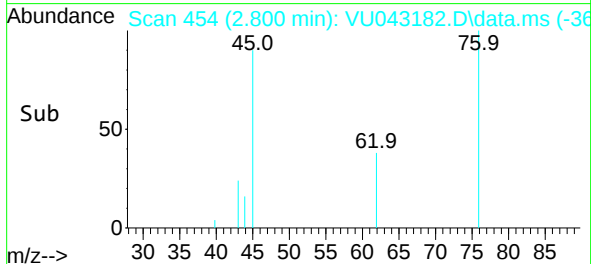
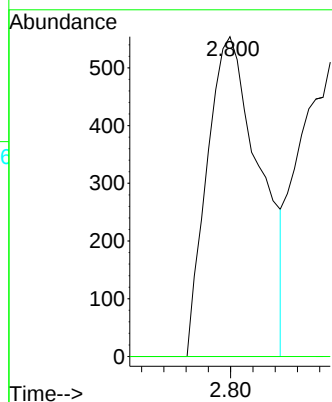
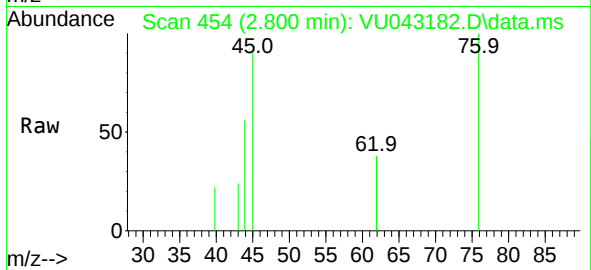




#17
Carbon Disulfide
Concen: 0.25 ug/l
RT: 2.800 min Scan# 454
Delta R.T. 0.003 min
Lab File: VU043182.D
Acq: 16 Apr 2021 20:28

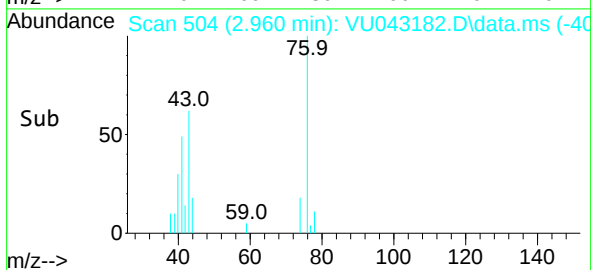
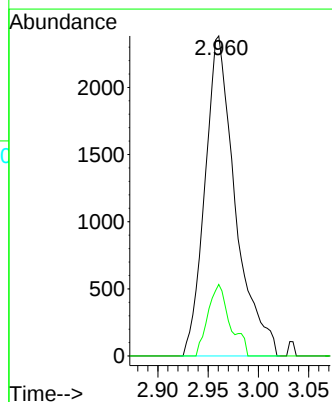
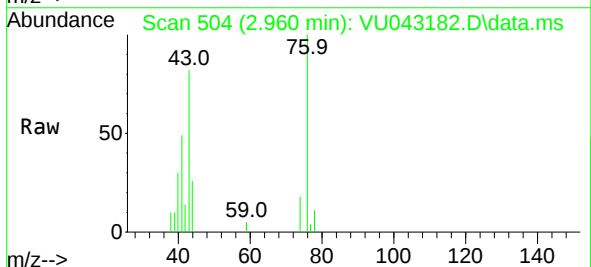
Instrument :
MSVOA_U
ClientSampleId :
WASTE-TANK-B

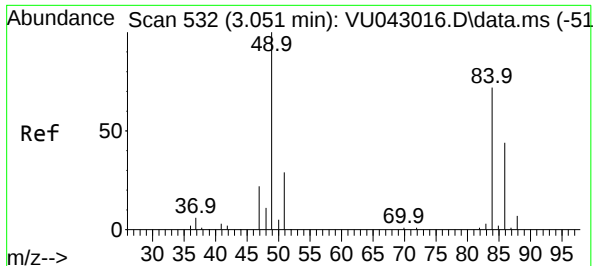
Tgt Ion: 76 Resp: 915
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



#18
Methyl Acetate
Concen: 1.87 ug/l
RT: 2.960 min Scan# 504
Delta R.T. 0.009 min
Lab File: VU043182.D
Acq: 16 Apr 2021 20:28

Tgt Ion: 43 Resp: 5009
Ion Ratio Lower Upper
43 100
74 16.2 16.6 25.0#



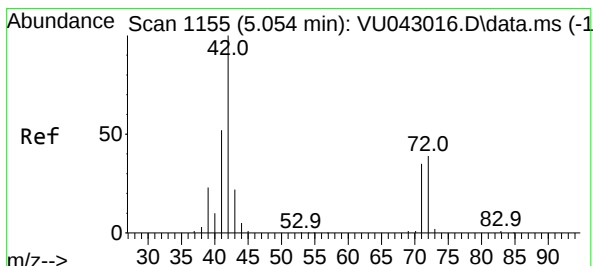
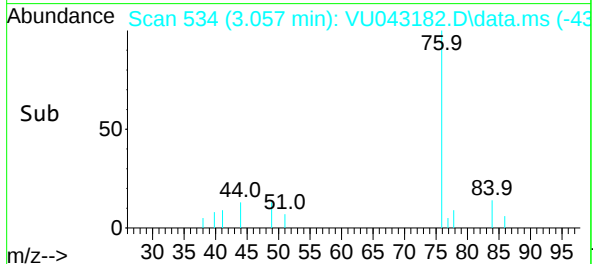
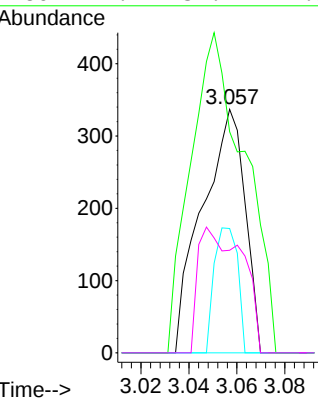
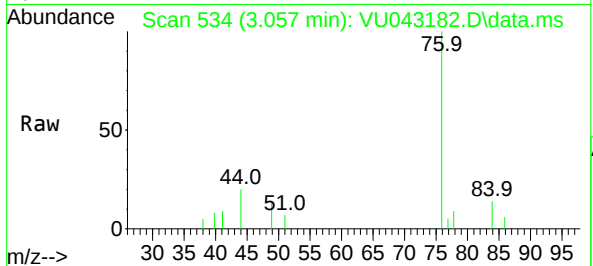


#20
Methylene Chloride
Concen: 0.27 ug/l
RT: 3.057 min Scan# 534
Delta R.T. 0.006 min
Lab File: VU043182.D
Acq: 16 Apr 2021 20:28

Instrument :
MSVOA_U
ClientSampleId :
WASTE-TANK-B

Tgt Ion: 84 Resp: 417

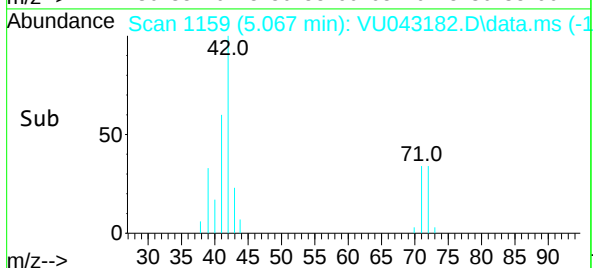
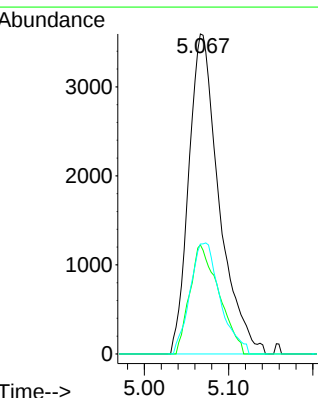
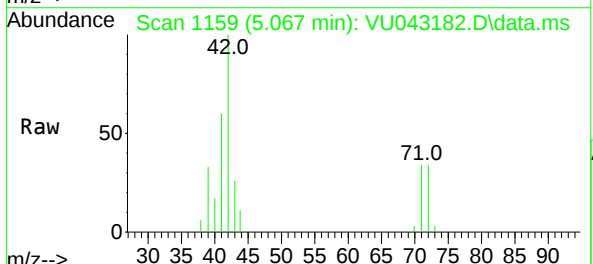
Ion	Ratio	Lower	Upper
84	100		
49	90.8	112.6	169.0#
51	51.0	33.7	50.5#
86	42.1	51.7	77.5#

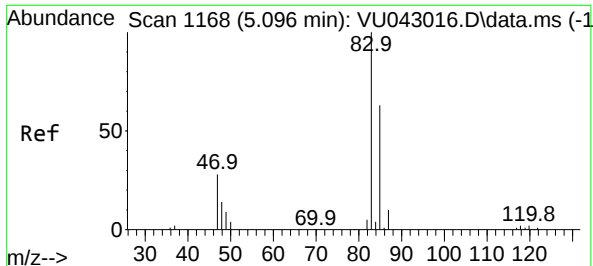


#29
Tetrahydrofuran
Concen: 7.31 ug/l
RT: 5.067 min Scan# 1159
Delta R.T. 0.013 min
Lab File: VU043182.D
Acq: 16 Apr 2021 20:28

Tgt Ion: 42 Resp: 8978

Ion	Ratio	Lower	Upper
42	100		
72	32.8	31.5	47.3
71	34.5	29.5	44.3





#30

Chloroform

Concen: 0.28 ug/l

RT: 5.095 min Scan# 1168

Delta R.T. -0.001 min

Lab File: VU043182.D

Acq: 16 Apr 2021 20:28

Instrument :

MSVOA_U

ClientSampleId :

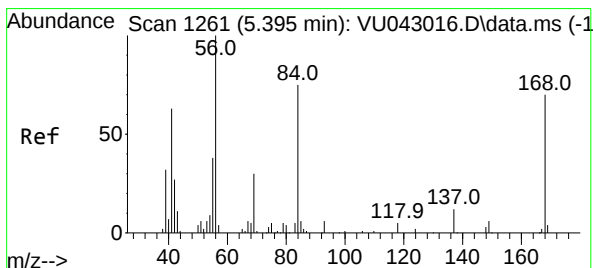
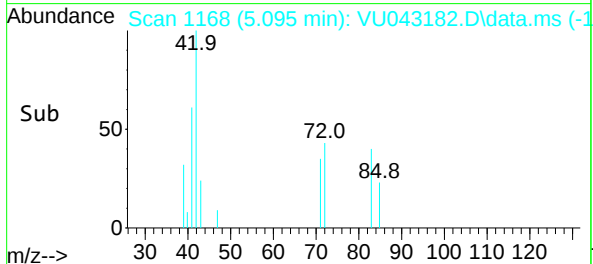
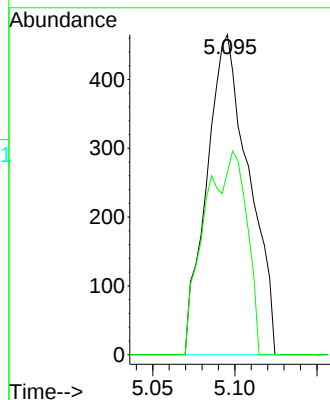
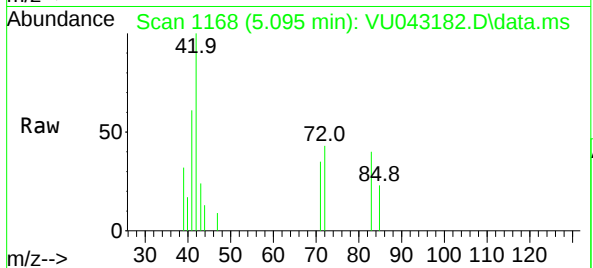
WASTE-TANK-B

Tgt Ion: 83 Resp: 827

Ion Ratio Lower Upper

83 100

85 57.0 54.6 81.8



#31

Cyclohexane

Concen: 1.24 ug/l

RT: 5.382 min Scan# 1257

Delta R.T. -0.013 min

Lab File: VU043182.D

Acq: 16 Apr 2021 20:28

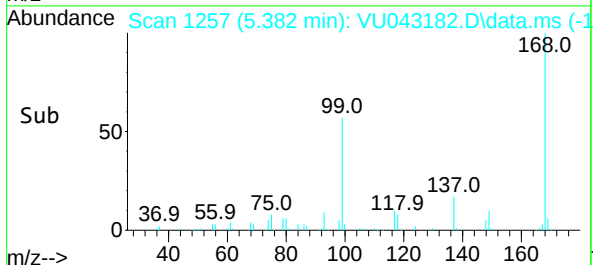
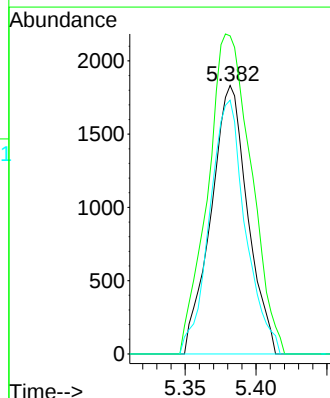
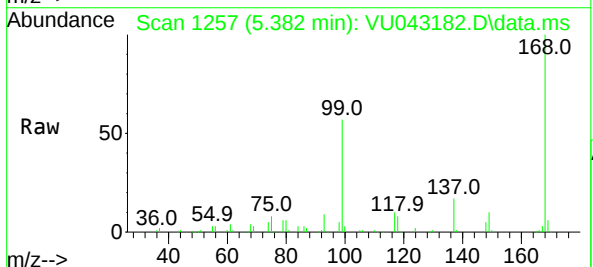
Tgt Ion: 56 Resp: 3293

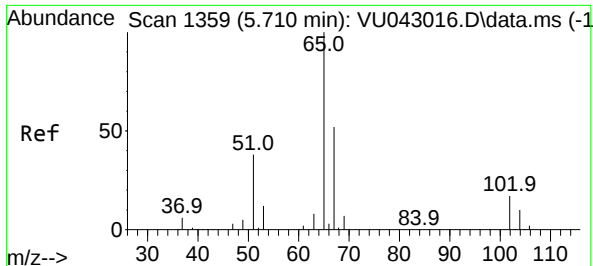
Ion Ratio Lower Upper

56 100

69 118.5 24.9 37.3#

84 94.5 63.7 95.5





#33

1,2-Dichloroethane-d4

Concen: 50.48 ug/l

RT: 5.710 min Scan# 1359

Delta R.T. -0.000 min

Lab File: VU043182.D

Acq: 16 Apr 2021 20:28

Tgt Ion: 65 Resp: 108439

Ion Ratio Lower Upper

65 100

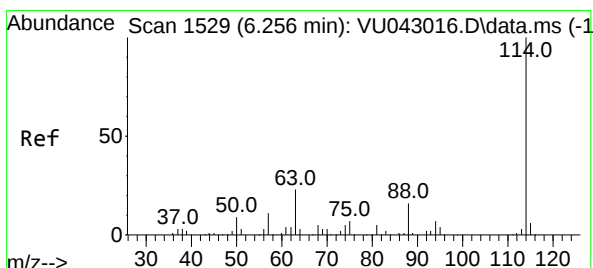
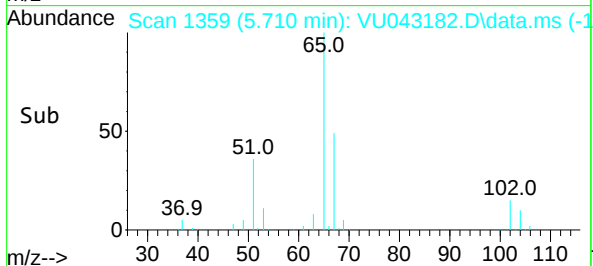
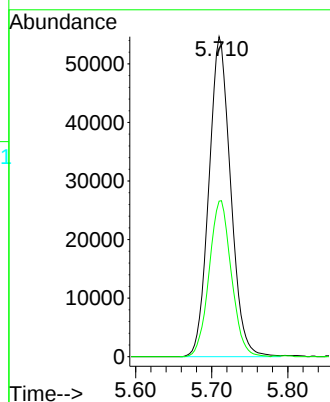
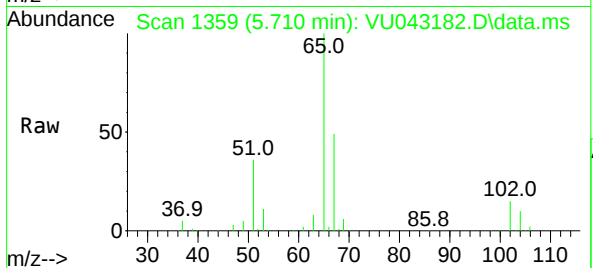
67 49.8 0.0 99.8

Instrument :

MSVOA_U

ClientSampleId :

WASTE-TANK-B



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.256 min Scan# 1529

Delta R.T. 0.000 min

Lab File: VU043182.D

Acq: 16 Apr 2021 20:28

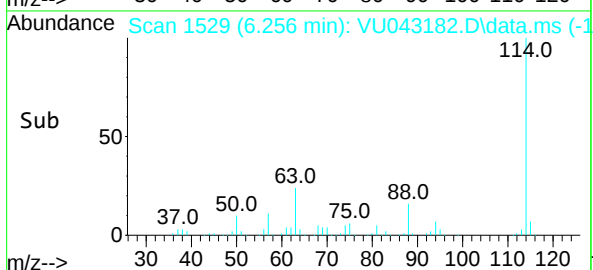
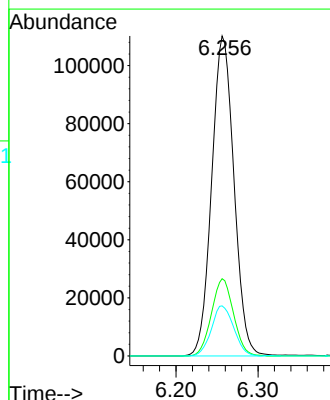
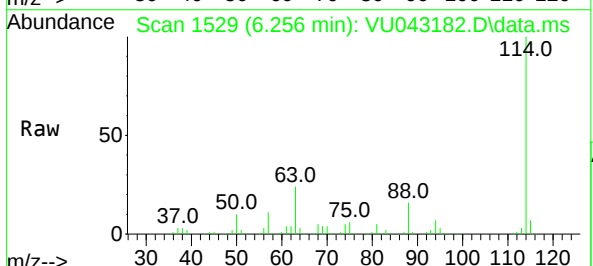
Tgt Ion: 114 Resp: 207973

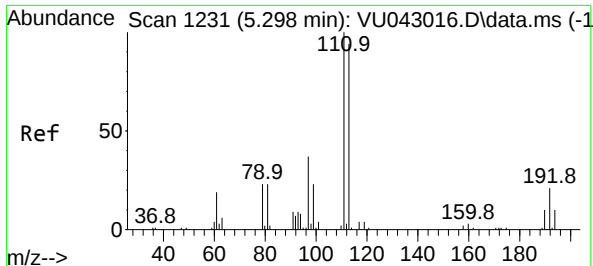
Ion Ratio Lower Upper

114 100

63 24.1 0.0 44.2

88 15.7 0.0 33.4

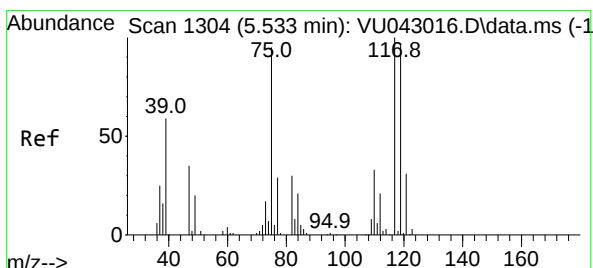
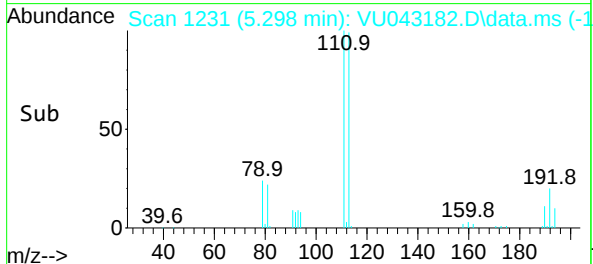
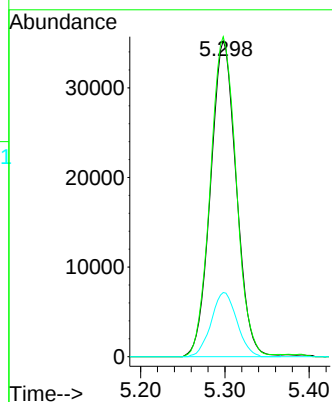
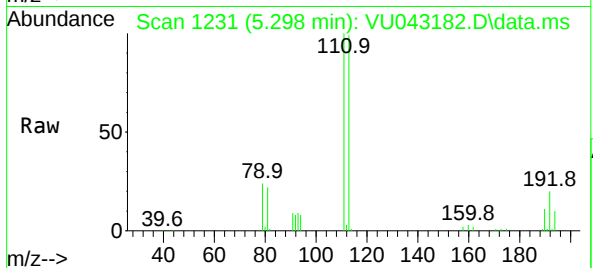




#35
Dibromofluoromethane
Concen: 47.72 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU043182.D
Acq: 16 Apr 2021 20:28

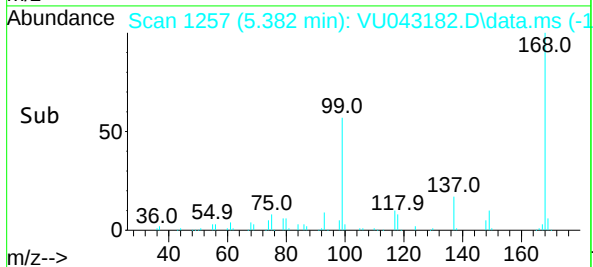
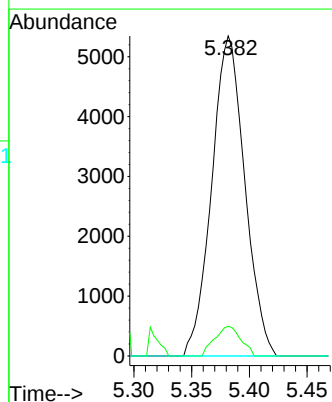
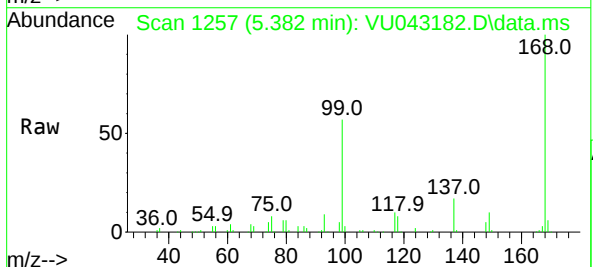
Instrument :
MSVOA_U
ClientSampleId :
WASTE-TANK-B

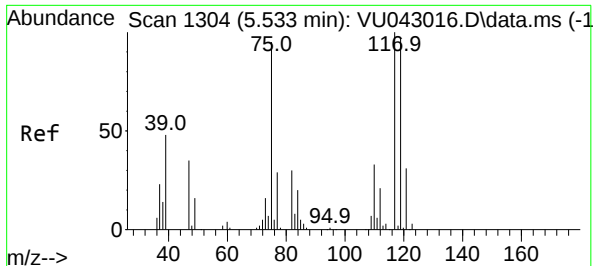
Tgt Ion:113 Resp: 74580
Ion Ratio Lower Upper
113 100
111 102.0 81.8 122.8
192 20.3 17.2 25.8



#36
1,1-Dichloropropene
Concen: 4.82 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU043182.D
Acq: 16 Apr 2021 20:28

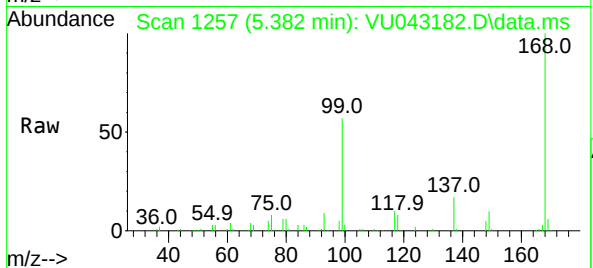
Tgt Ion: 75 Resp: 10643
Ion Ratio Lower Upper
75 100
110 7.3 16.8 50.3#
77 0.0 24.8 37.2#



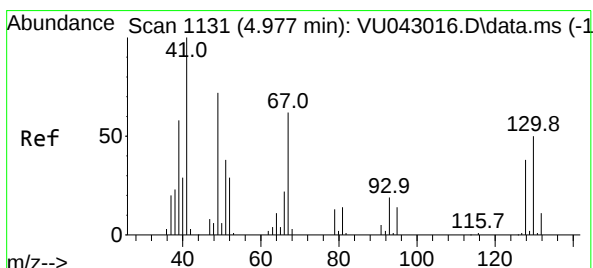
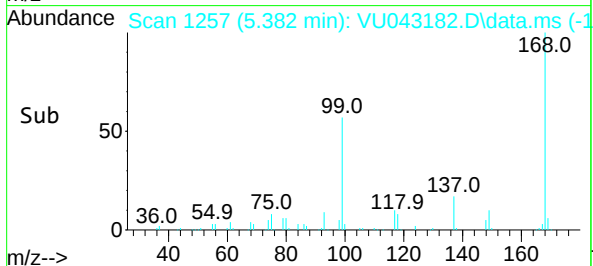
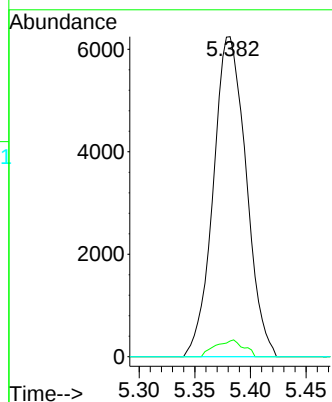


#38
Carbon Tetrachloride
Concen: 5.41 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU043182.D
Acq: 16 Apr 2021 20:28

Instrument :
MSVOA_U
ClientSampleId :
WASTE-TANK-B

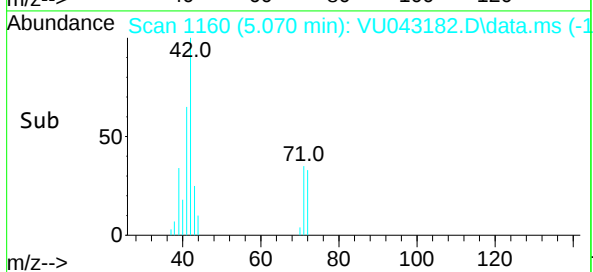
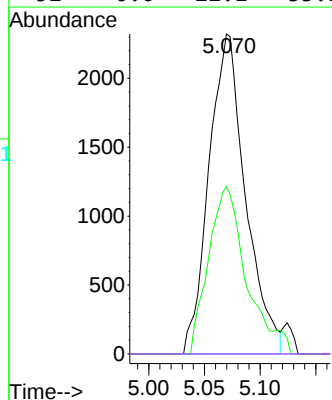
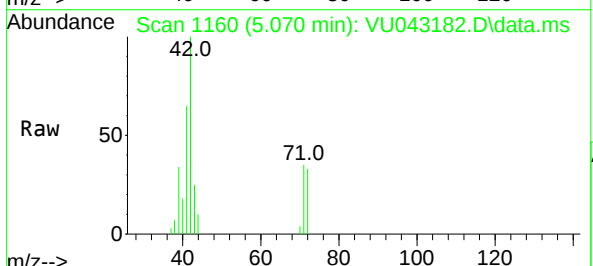


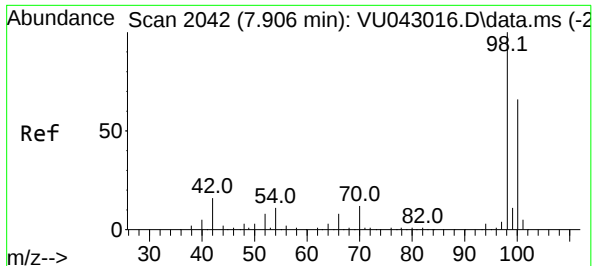
Tgt Ion:117 Resp: 12800
Ion Ratio Lower Upper
117 100
119 4.9 75.5 113.3#
121 0.0 24.7 37.1#



#41
Methacrylonitrile
Concen: 2.67 ug/l
RT: 5.070 min Scan# 1160
Delta R.T. 0.093 min
Lab File: VU043182.D
Acq: 16 Apr 2021 20:28

Tgt Ion: 41 Resp: 5292
Ion Ratio Lower Upper
41 100
39 52.2 45.1 67.7
67 0.0 50.2 75.2#
52 0.0 22.1 33.1#

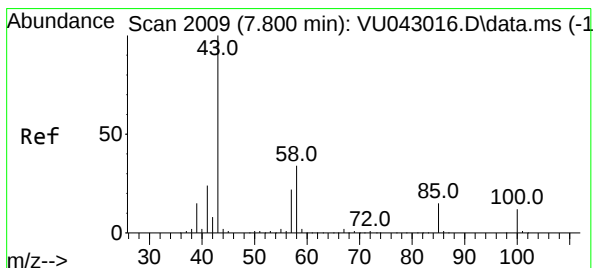
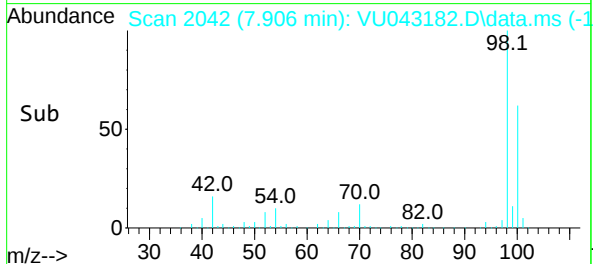
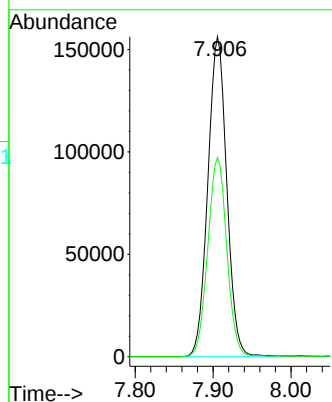
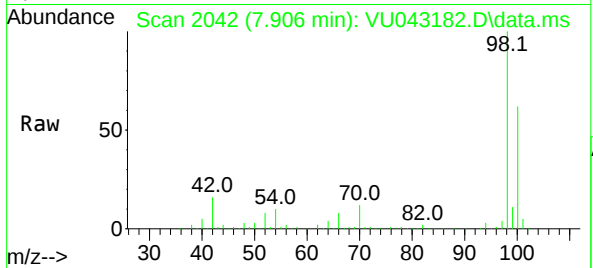




#50
Toluene-d8
Concen: 47.72 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU043182.D
Acq: 16 Apr 2021 20:28

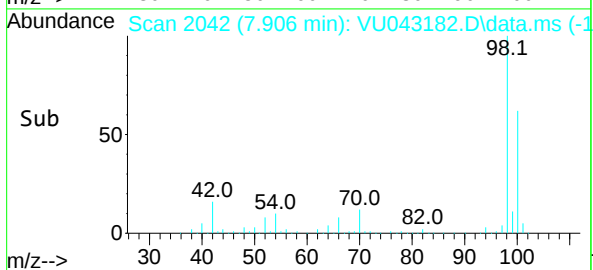
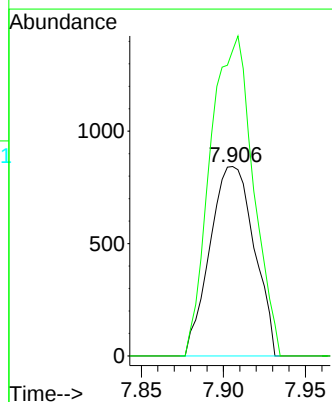
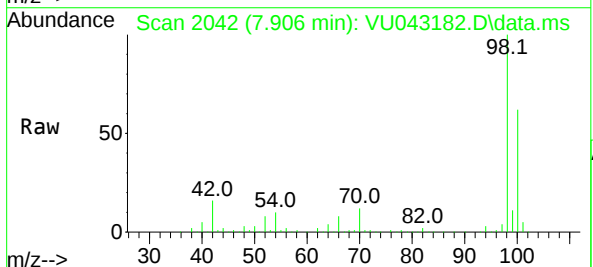
Instrument :
MSVOA_U
ClientSampleId :
WASTE-TANK-B

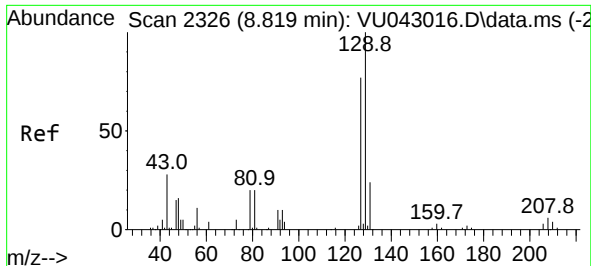
Tgt Ion: 98 Resp: 263905
Ion Ratio Lower Upper
98 100
100 62.8 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 0.40 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. 0.106 min
Lab File: VU043182.D
Acq: 16 Apr 2021 20:28

Tgt Ion: 43 Resp: 1580
Ion Ratio Lower Upper
43 100
58 163.8 28.1 42.1#

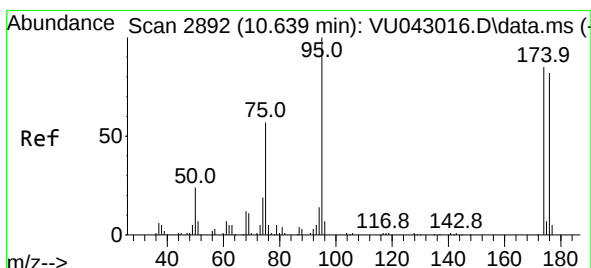
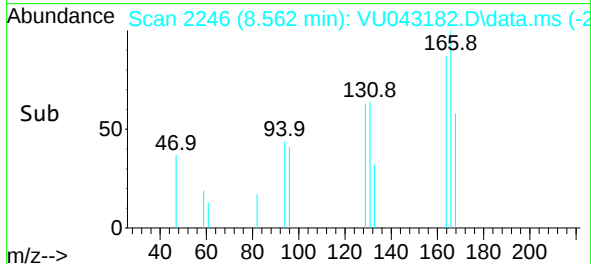
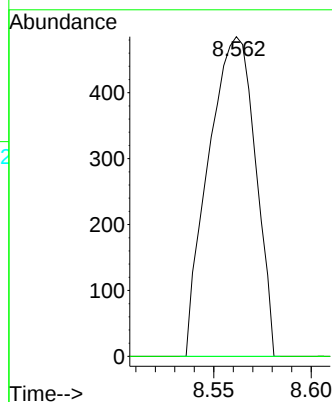
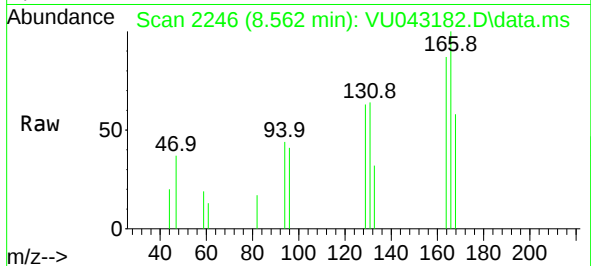




#60
Dibromochloromethane
Concen: 0.42 ug/l
RT: 8.562 min Scan# 2246
Delta R.T. -0.257 min
Lab File: VU043182.D
Acq: 16 Apr 2021 20:28

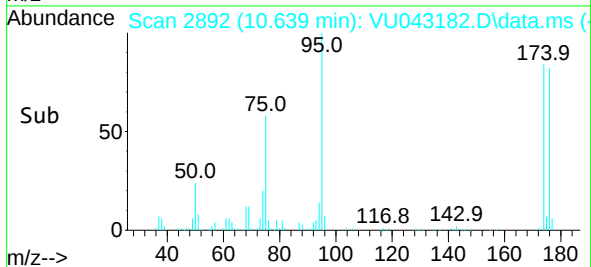
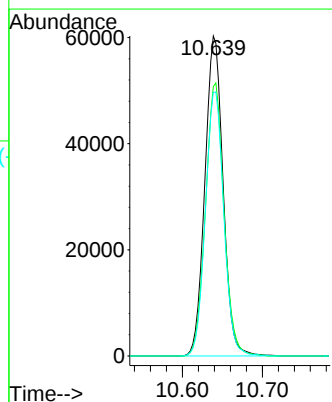
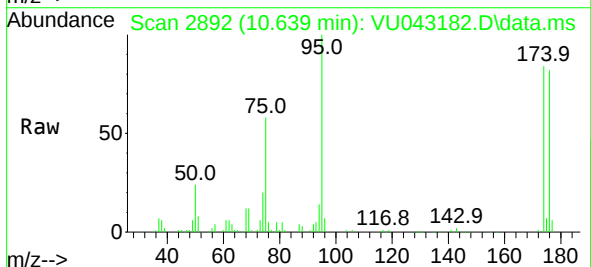
Instrument :
MSVOA_U
ClientSampleId :
WASTE-TANK-B

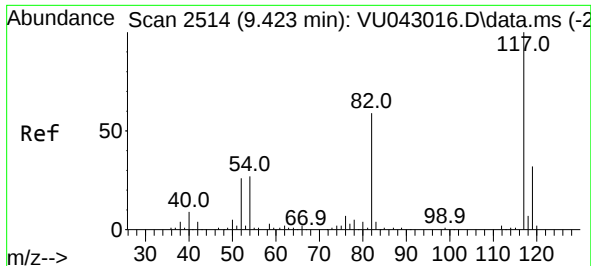
Tgt Ion:129 Resp: 811
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.3#



#62
4-Bromofluorobenzene
Concen: 43.17 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043182.D
Acq: 16 Apr 2021 20:28

Tgt Ion: 95 Resp: 95586
Ion Ratio Lower Upper
95 100
174 86.6 0.0 172.2
176 83.5 0.0 168.8

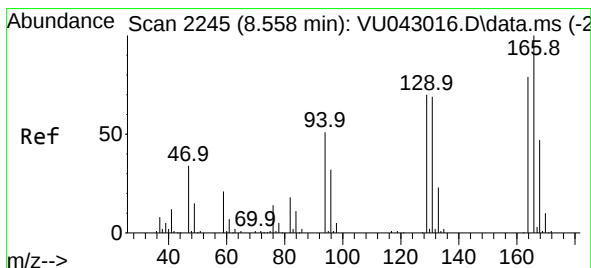
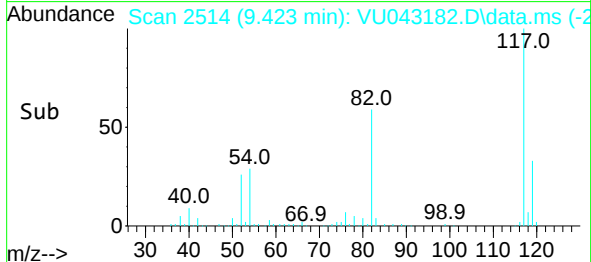
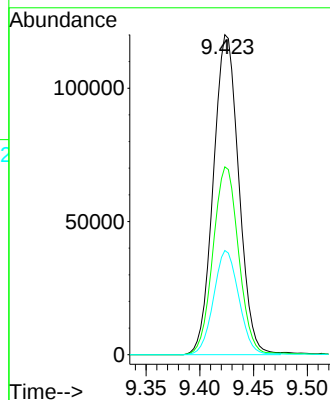
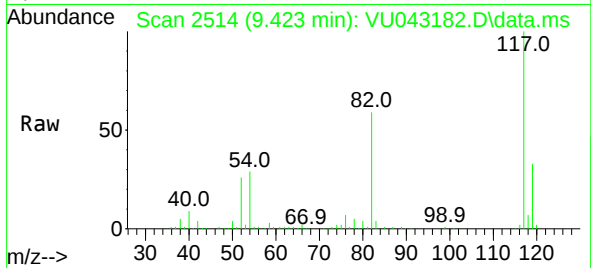




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043182.D
Acq: 16 Apr 2021 20:28

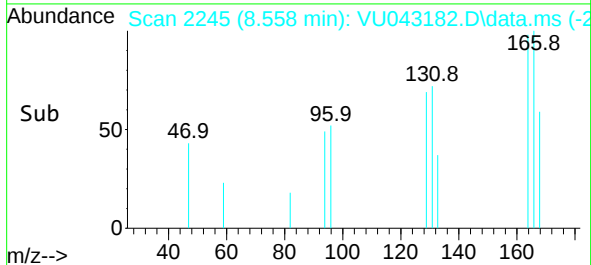
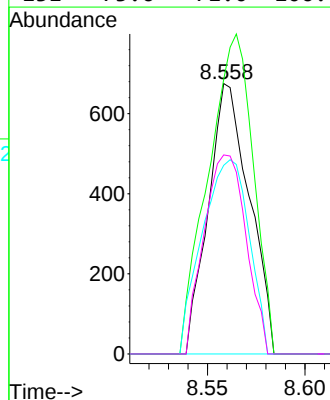
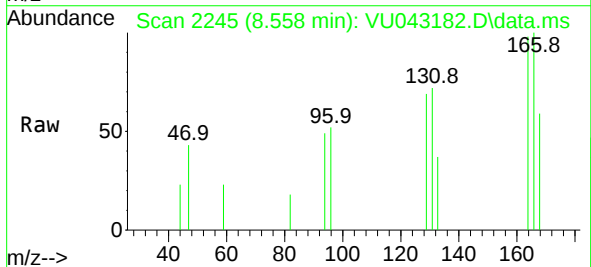
Instrument :
MSVOA_U
ClientSampleId :
WASTE-TANK-B

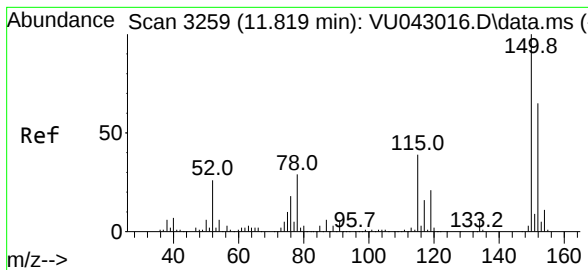
Tgt Ion:117 Resp: 197888
Ion Ratio Lower Upper
117 100
82 58.7 45.8 68.6
119 32.6 25.8 38.8



#64
Tetrachloroethene
Concen: 0.69 ug/l
RT: 8.558 min Scan# 2245
Delta R.T. 0.000 min
Lab File: VU043182.D
Acq: 16 Apr 2021 20:28

Tgt Ion:164 Resp: 988
Ion Ratio Lower Upper
164 100
166 101.6 105.3 157.9#
129 69.8 75.0 112.6#
131 73.6 71.0 106.6

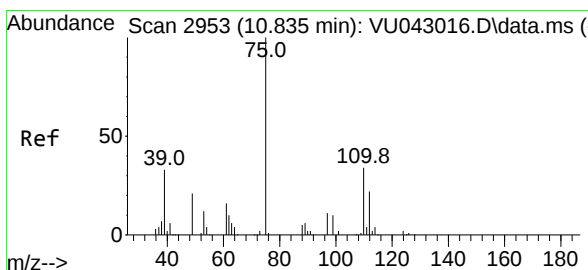
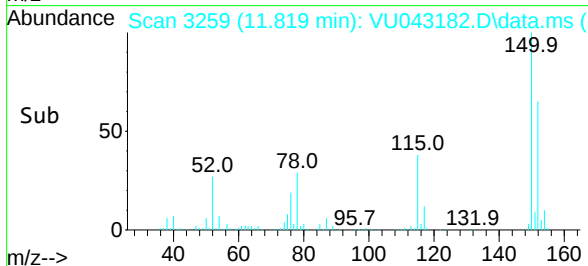
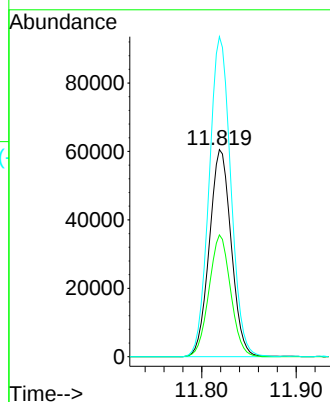
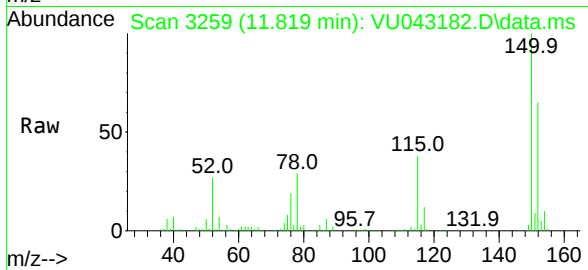




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 11.819 min Scan# 3259
 Delta R.T. -0.000 min
 Lab File: VU043182.D
 Acq: 16 Apr 2021 20:28

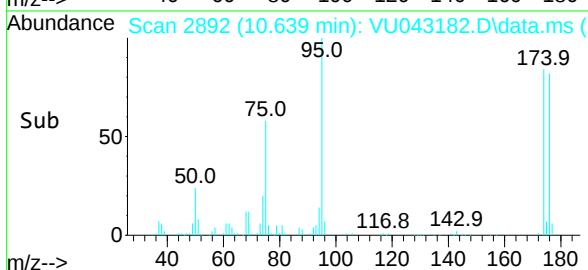
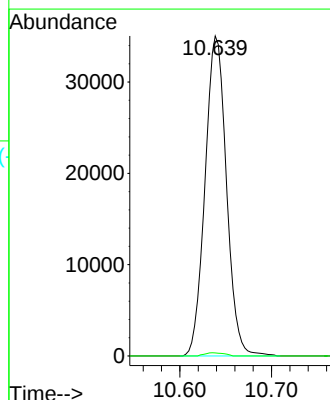
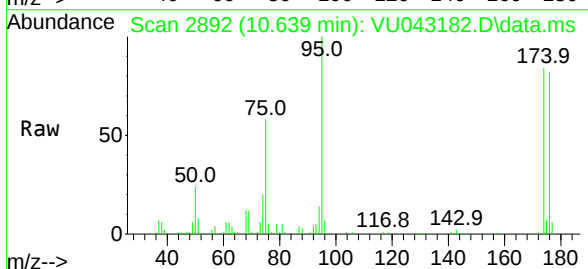
Instrument :
 MSVOA_U
 ClientSampleId :
 WASTE-TANK-B

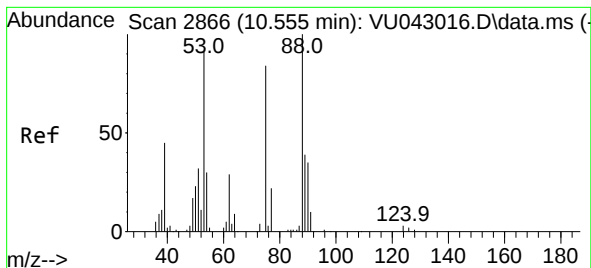
Tgt Ion:152 Resp: 97259
 Ion Ratio Lower Upper
 152 100
 115 58.1 41.5 124.6
 150 153.6 0.0 342.4



#76
 1,2,3-Trichloropropane
 Concen: 20.01 ug/l
 RT: 10.639 min Scan# 2892
 Delta R.T. -0.196 min
 Lab File: VU043182.D
 Acq: 16 Apr 2021 20:28

Tgt Ion: 75 Resp: 56877
 Ion Ratio Lower Upper
 75 100
 77 0.9 20.2 60.5#

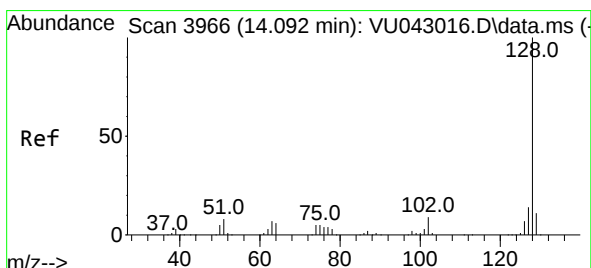
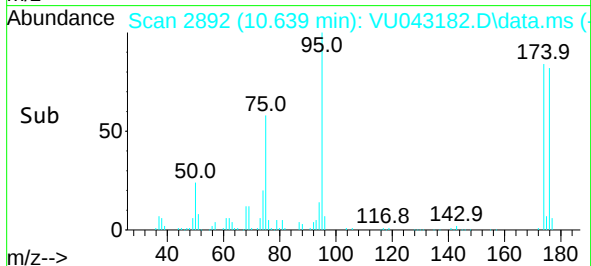
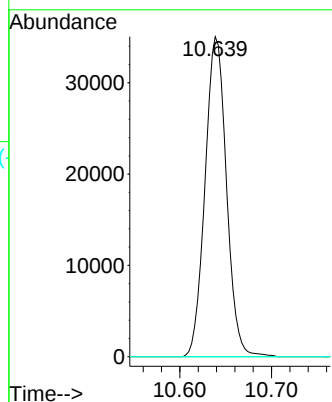
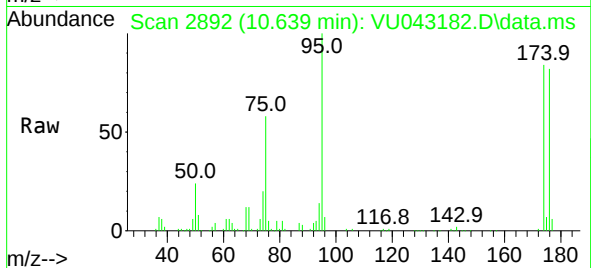




#81
trans-1,4-Dichloro-2-butene
Concen: 58.81 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.084 min
Lab File: VU043182.D
Acq: 16 Apr 2021 20:28

Instrument :
MSVOA_U
ClientSampleId :
WASTE-TANK-B

Tgt Ion: 75 Resp: 56877
Ion Ratio Lower Upper
75 100
53 0.0 85.6 128.4#
89 0.0 35.7 53.5#



#95
Naphthalene
Concen: 2.84 ug/l
RT: 14.098 min Scan# 3968
Delta R.T. 0.006 min
Lab File: VU043182.D
Acq: 16 Apr 2021 20:28

Tgt Ion: 128 Resp: 725
Ion Ratio Lower Upper
128 100
127 0.0 10.8 16.2#
129 0.0 8.6 13.0#

