

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041621\
 Data File : VU043166.D
 Acq On : 16 Apr 2021 14:19
 Operator : SY/MD
 Sample : M2061-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GWBR1-225-250-041521

Quant Time: Apr 17 02:31:24 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)

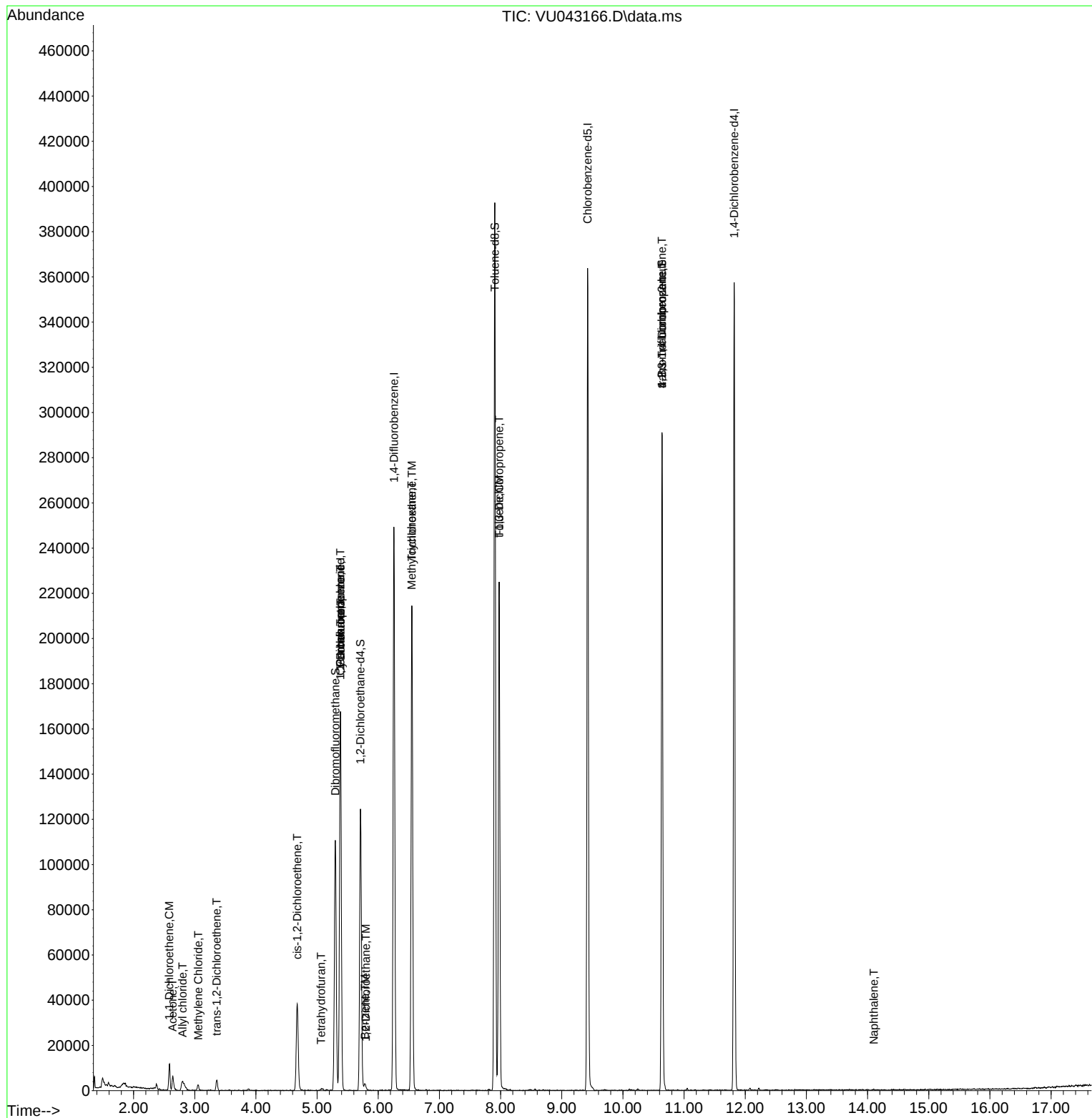
Internal Standards						
1) Pentafluorobenzene	5.382	168	112885	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	185130	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	179522	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	84954	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	96728	50.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.94%	
35) Dibromofluoromethane	5.298	113	67754	48.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.42%	
50) Toluene-d8	7.906	98	238724	48.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.00%	
62) 4-Bromofluorobenzene	10.639	95	85892	43.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.14%	
Target Compounds						Qvalue
3) Chloromethane	1.520	50	458	Below Cal	#	41
12) 1,1-Dichloroethene	2.584	96	3437	3.25	ug/l	96
14) Allyl chloride	2.800	41	573	0.22	ug/l #	90
16) Acetone	2.639	43	8059	6.92	ug/l	96
20) Methylene Chloride	3.057	84	1011	0.75	ug/l #	84
21) trans-1,2-Dichloroethene	3.359	96	1780	1.44	ug/l #	80
27) cis-1,2-Dichloroethene	4.674	96	18147	12.92	ug/l	92
29) Tetrahydrofuran	5.067	42	294	0.27	ug/l #	69
31) Cyclohexane	5.385	56	2889	1.23	ug/l #	38
36) 1,1-Dichloropropene	5.378	75	9779	4.98	ug/l #	49
38) Carbon Tetrachloride	5.382	117	11717	5.56	ug/l #	17
39) Methylcyclohexane	6.546	83	906	0.42	ug/l #	1
40) Benzene	5.784	78	2333	0.42	ug/l #	88
42) 1,2-Dichloroethane	5.796	62	623	0.25	ug/l #	79
44) Trichloroethene	6.549	130	64714	45.47	ug/l	93
52) Toluene	7.976	92	85100	24.46	ug/l	100
53) t-1,3-Dichloropropene	7.976	75	1078	0.44	ug/l #	1
76) 1,2,3-Trichloropropane	10.639	75	50277	20.25	ug/l #	37
81) trans-1,4-Dichloro-2-b...	10.639	75	50277	59.51	ug/l #	7
95) Naphthalene	14.102	128	345	2.79	ug/l #	69

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

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GWBR1-225-250-041521

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U041221W.M
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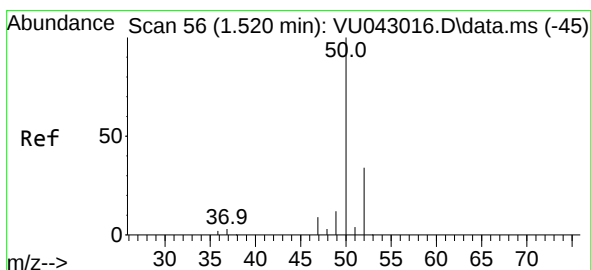
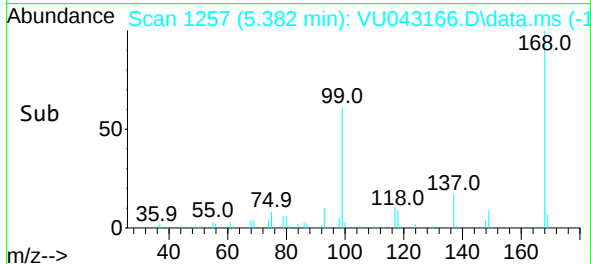
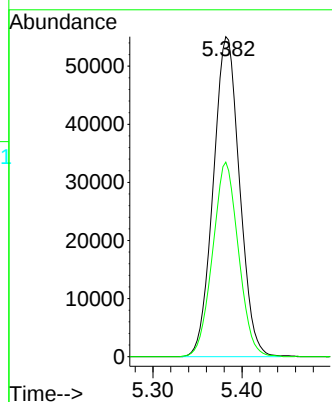
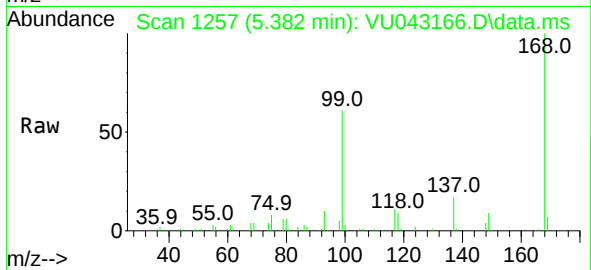




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043166.D
Acq: 16 Apr 2021 14:19

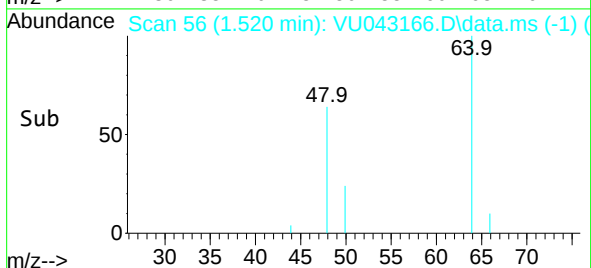
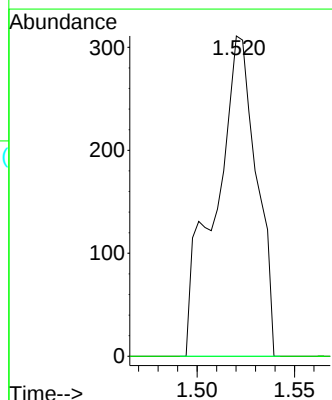
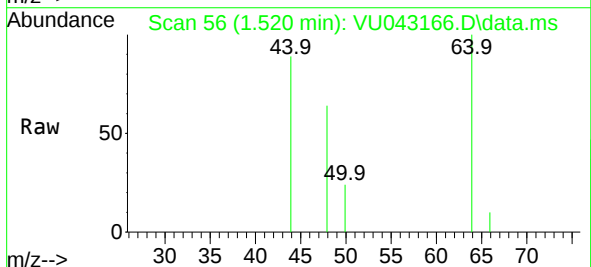
Instrument :
MSVOA_U
ClientSampleId :
GWBR1-225-250-041521

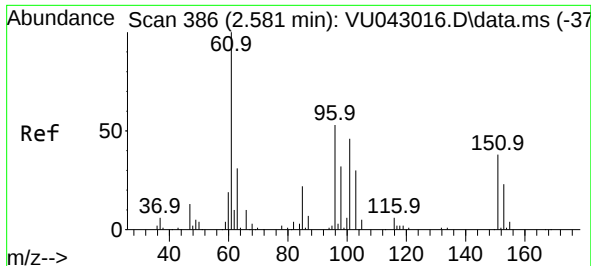
Tgt Ion:168 Resp: 112885
Ion Ratio Lower Upper
168 100
99 60.8 45.0 67.4



#3
Chloromethane
Concen: Below Cal
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU043166.D
Acq: 16 Apr 2021 14:19

Tgt Ion: 50 Resp: 458
Ion Ratio Lower Upper
50 100
52 0.0 26.6 40.0#

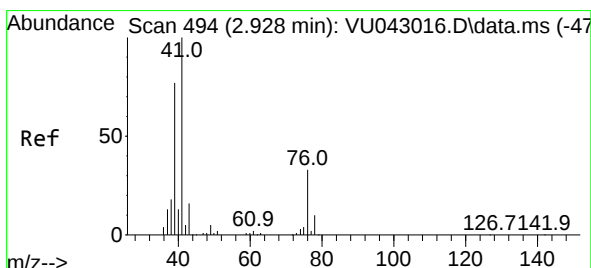
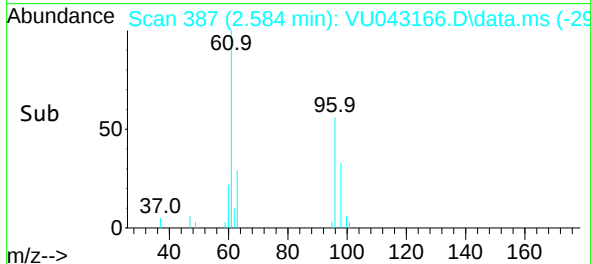
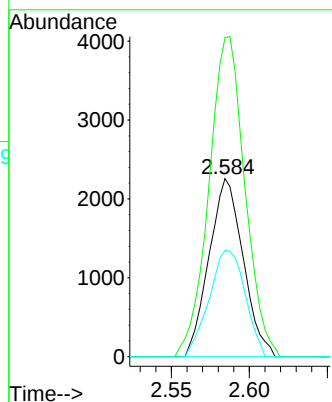
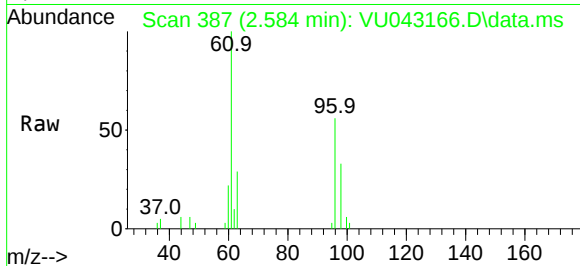




#12
1,1-Dichloroethene
Concen: 3.25 ug/l
RT: 2.584 min Scan# 387
Delta R.T. 0.003 min
Lab File: VU043166.D
Acq: 16 Apr 2021 14:19

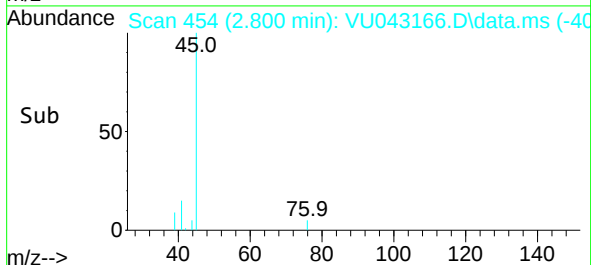
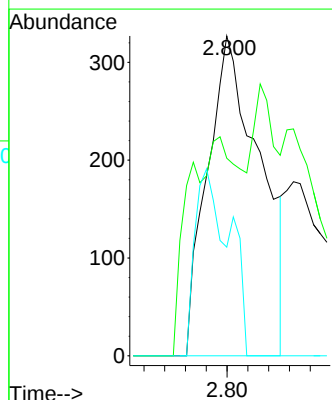
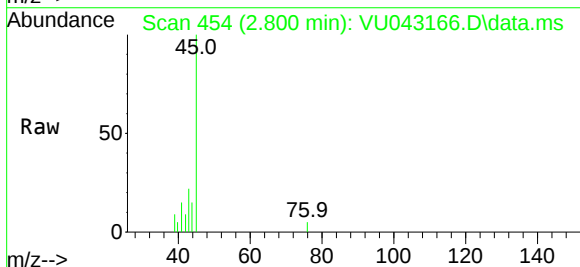
Instrument :
MSVOA_U
ClientSampleId :
GWBR1-225-250-041521

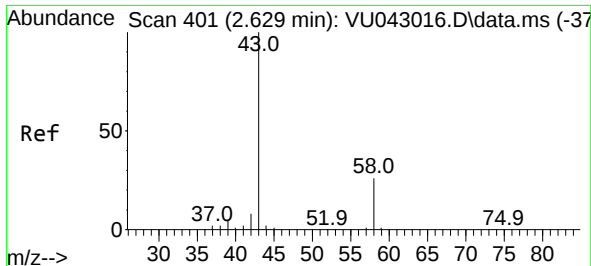
Tgt Ion: 96 Resp: 3437
Ion Ratio Lower Upper
96 100
61 179.2 147.4 221.0
98 59.6 51.4 77.2



#14
Allyl chloride
Concen: 0.22 ug/l
RT: 2.800 min Scan# 454
Delta R.T. -0.128 min
Lab File: VU043166.D
Acq: 16 Apr 2021 14:19

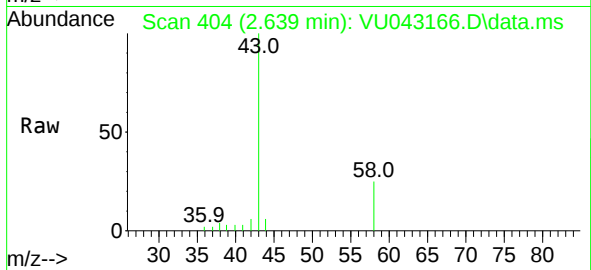
Tgt Ion: 41 Resp: 573
Ion Ratio Lower Upper
41 100
39 63.4 54.9 82.3
76 37.9 22.5 33.7#



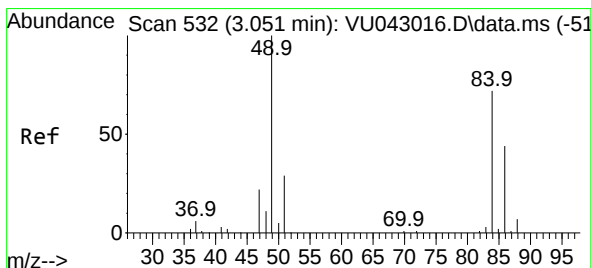
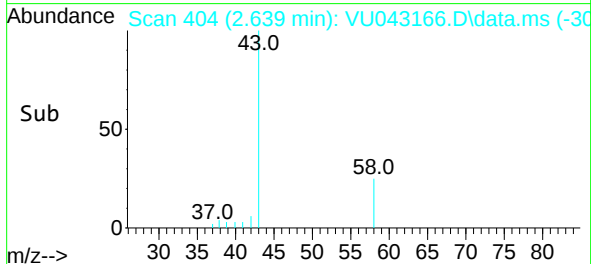
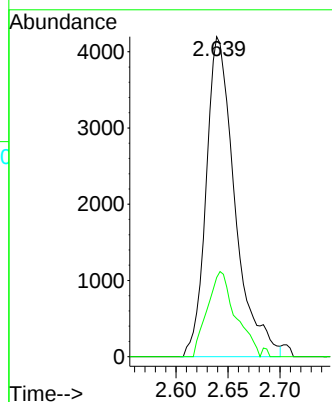


#16
Acetone
Concen: 6.92 ug/l
RT: 2.639 min Scan# 404
Delta R.T. 0.010 min
Lab File: VU043166.D
Acq: 16 Apr 2021 14:19

Instrument :
MSVOA_U
ClientSampleId :
GWBR1-225-250-041521

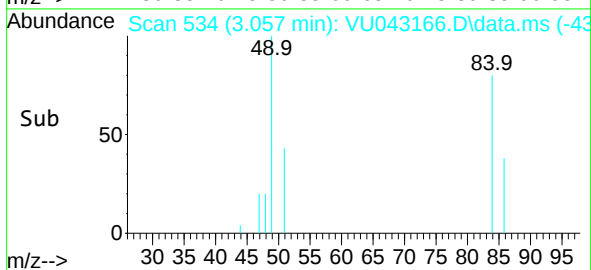
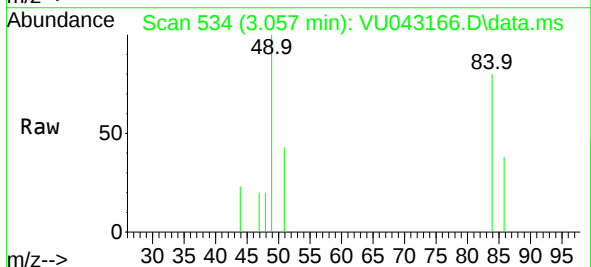
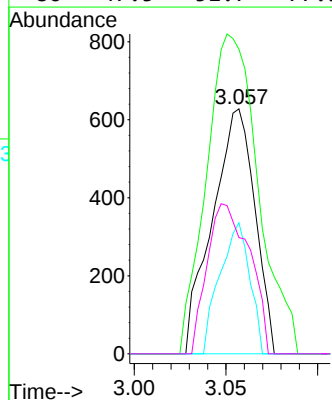


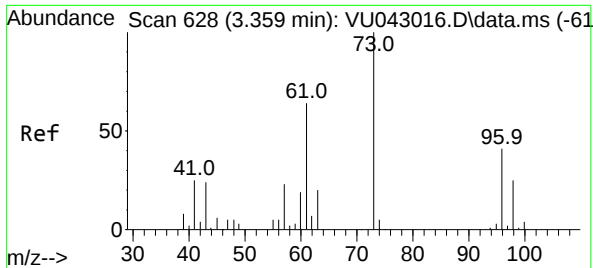
Tgt Ion: 43 Resp: 8059
Ion Ratio Lower Upper
43 100
58 24.8 21.5 32.3



#20
Methylene Chloride
Concen: 0.75 ug/l
RT: 3.057 min Scan# 534
Delta R.T. 0.006 min
Lab File: VU043166.D
Acq: 16 Apr 2021 14:19

Tgt Ion: 84 Resp: 1011
Ion Ratio Lower Upper
84 100
49 124.4 112.6 169.0
51 53.5 33.7 50.5#
86 47.5 51.7 77.5#

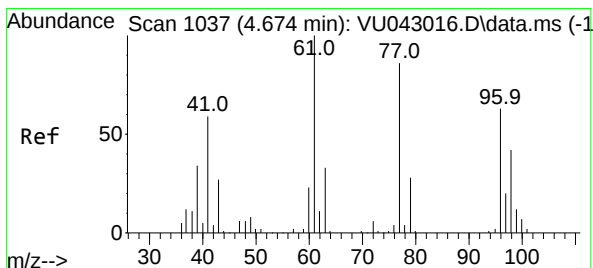
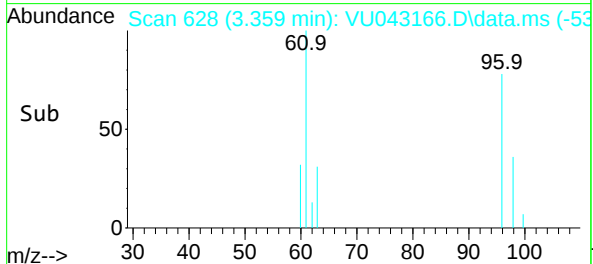
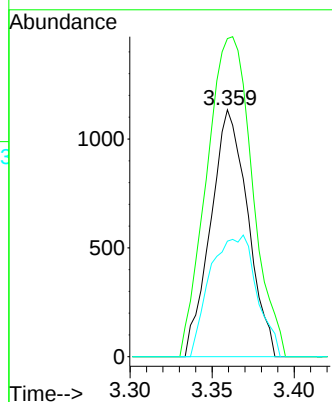
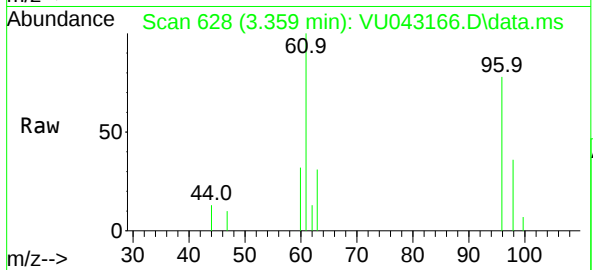




#21
trans-1,2-Dichloroethene
Concen: 1.44 ug/l
RT: 3.359 min Scan# 628
Delta R.T. 0.000 min
Lab File: VU043166.D
Acq: 16 Apr 2021 14:19

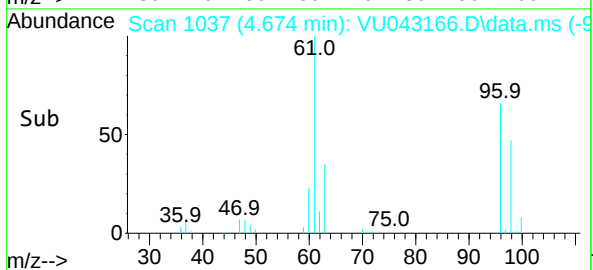
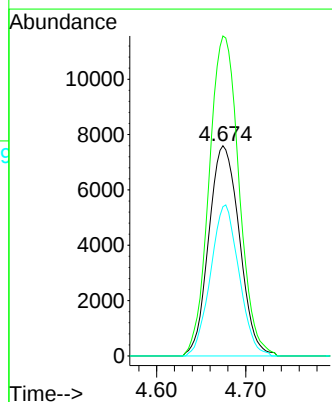
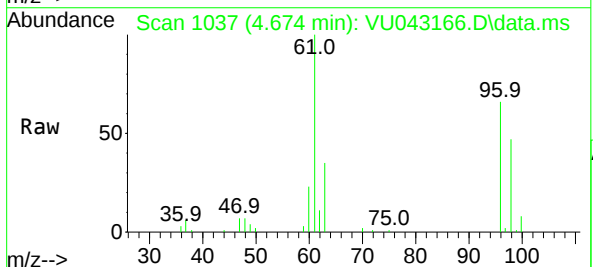
Instrument :
MSVOA_U
ClientSampleId :
GWBR1-225-250-041521

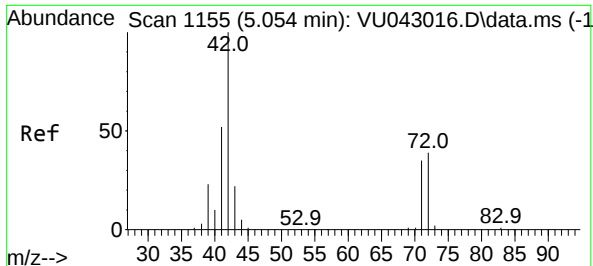
Tgt Ion: 96 Resp: 1780
Ion Ratio Lower Upper
96 100
61 128.8 122.4 183.6
98 46.8 51.9 77.9#



#27
cis-1,2-Dichloroethene
Concen: 12.92 ug/l
RT: 4.674 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VU043166.D
Acq: 16 Apr 2021 14:19

Tgt Ion: 96 Resp: 18147
Ion Ratio Lower Upper
96 100
61 148.4 0.0 322.2
98 66.8 0.0 128.6





#29

Tetrahydrofuran

Concen: 0.27 ug/l

RT: 5.067 min Scan# 1159

Delta R.T. 0.013 min

Lab File: VU043166.D

Acq: 16 Apr 2021 14:19

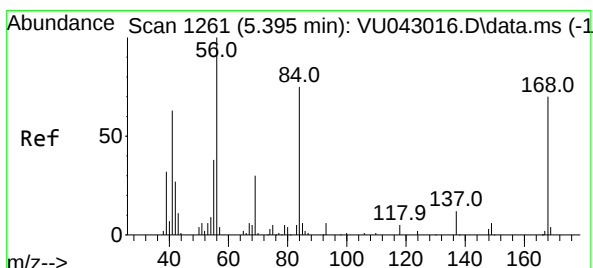
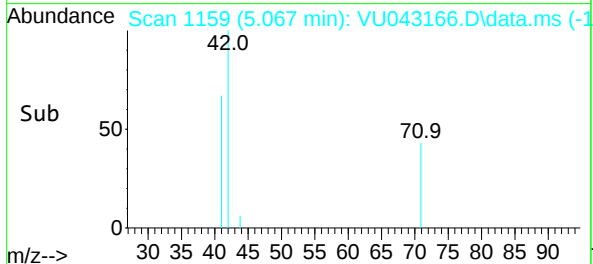
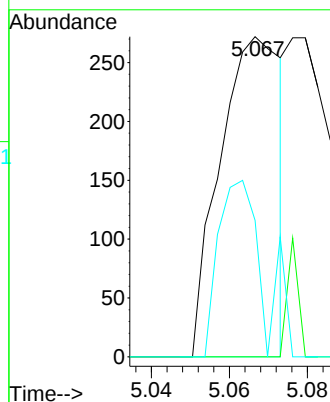
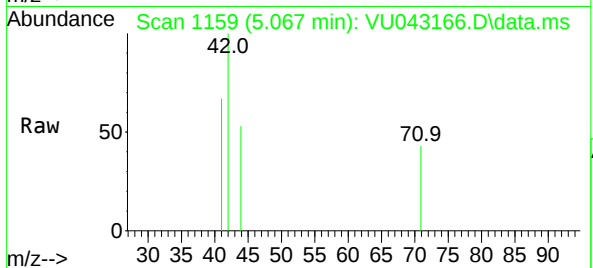
Instrument :

MSVOA_U

ClientSampleId :

GWBR1-225-250-041521

Tgt Ion:	42	Resp:	294
Ion	Ratio	Lower	Upper
42	100		
72	6.5	31.5	47.3#
71	40.5	29.5	44.3



#31

Cyclohexane

Concen: 1.23 ug/l

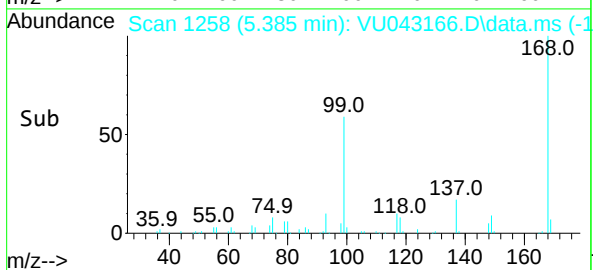
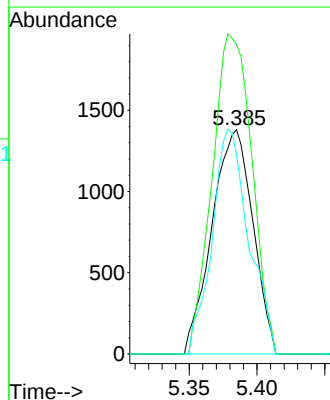
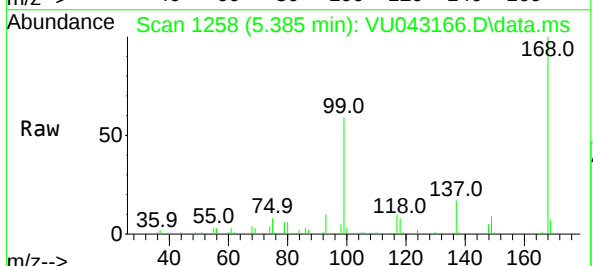
RT: 5.385 min Scan# 1258

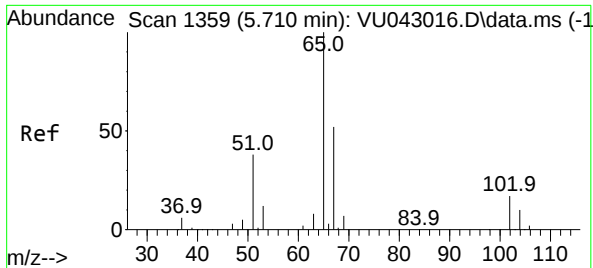
Delta R.T. -0.010 min

Lab File: VU043166.D

Acq: 16 Apr 2021 14:19

Tgt Ion:	56	Resp:	2889
Ion	Ratio	Lower	Upper
56	100		
69	137.9	24.9	37.3#
84	88.8	63.7	95.5

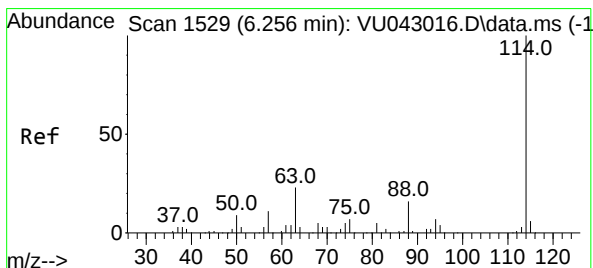
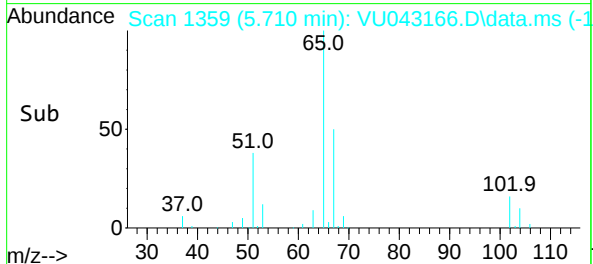
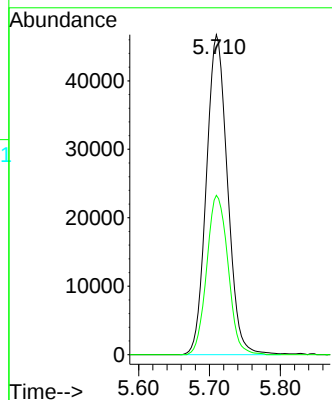
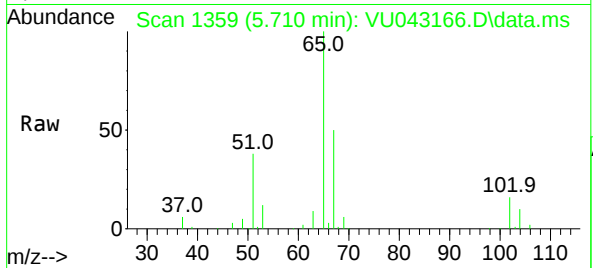




#33
1,2-Dichloroethane-d4
Concen: 50.97 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VU043166.D
Acq: 16 Apr 2021 14:19

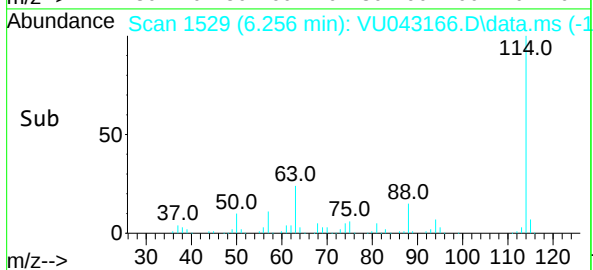
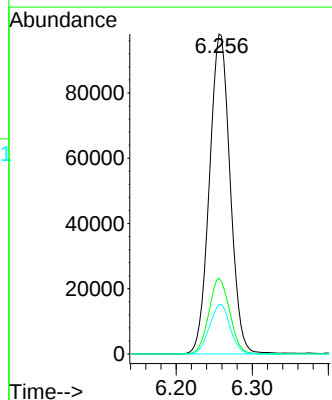
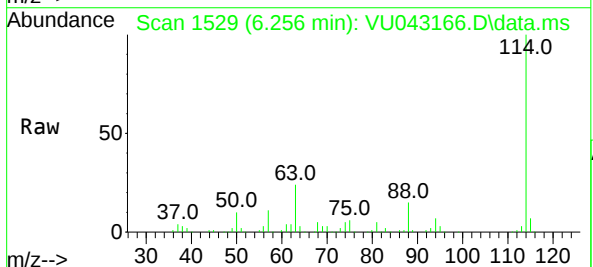
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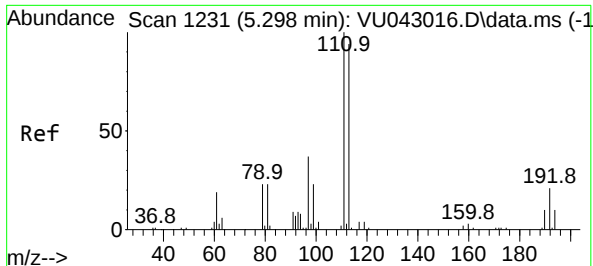
Tgt Ion: 65 Resp: 96728
Ion Ratio Lower Upper
65 100
67 50.2 0.0 99.8



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. 0.000 min
Lab File: VU043166.D
Acq: 16 Apr 2021 14:19

Tgt Ion: 114 Resp: 185130
Ion Ratio Lower Upper
114 100
63 23.6 0.0 44.2
88 15.5 0.0 33.4

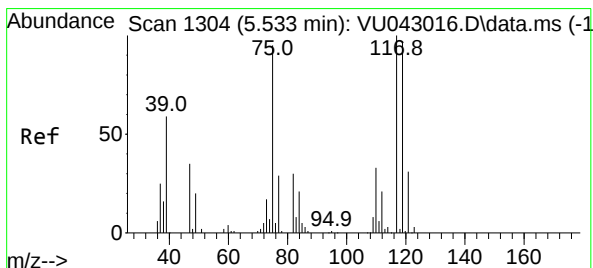
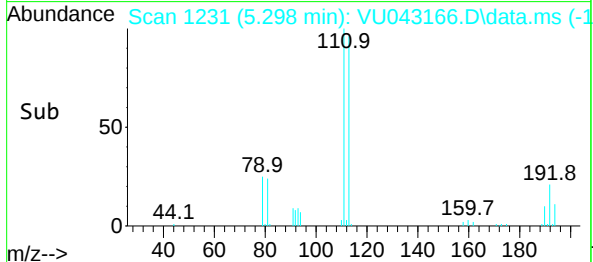
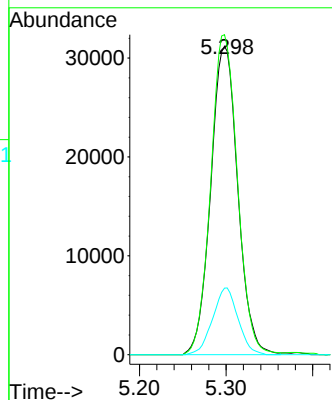
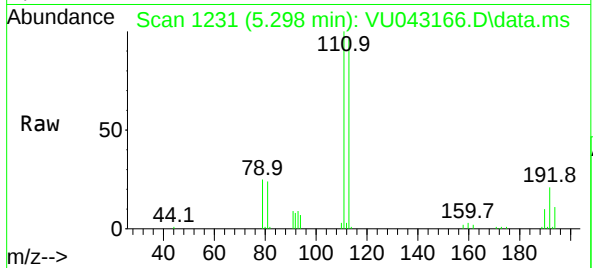




#35
Dibromofluoromethane
Concen: 48.71 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU043166.D
Acq: 16 Apr 2021 14:19

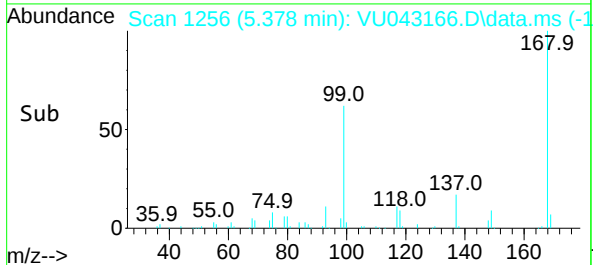
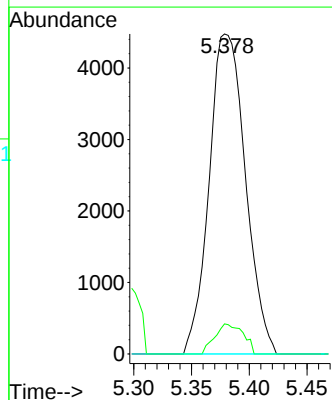
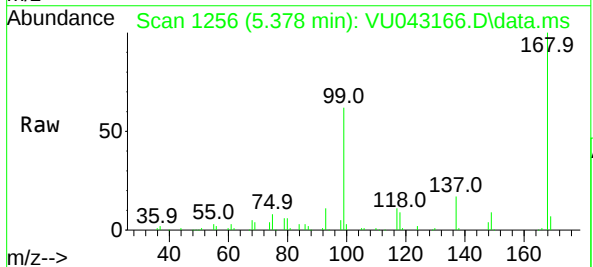
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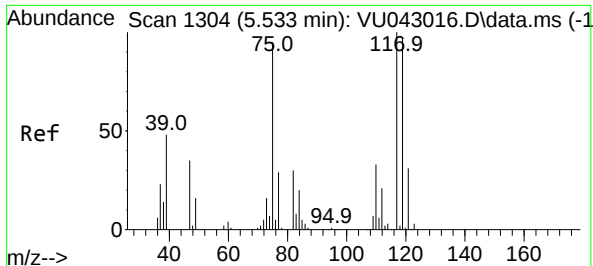
Tgt Ion:113 Resp: 67754
Ion Ratio Lower Upper
113 100
111 102.5 81.8 122.8
192 20.3 17.2 25.8



#36
1,1-Dichloropropene
Concen: 4.98 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.155 min
Lab File: VU043166.D
Acq: 16 Apr 2021 14:19

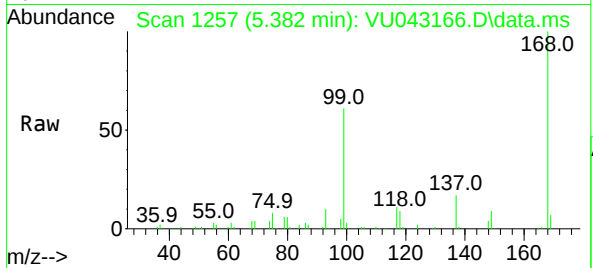
Tgt Ion: 75 Resp: 9779
Ion Ratio Lower Upper
75 100
110 7.4 16.8 50.3#
77 0.0 24.8 37.2#



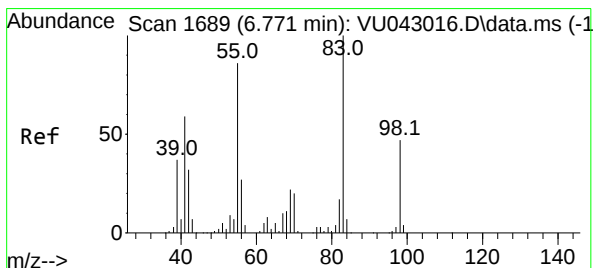
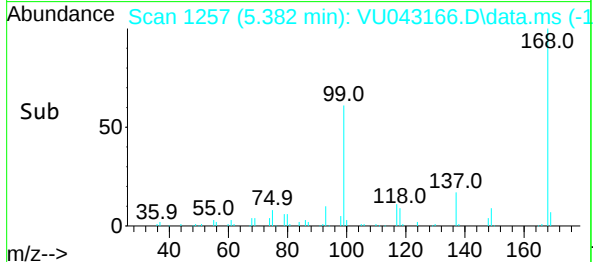
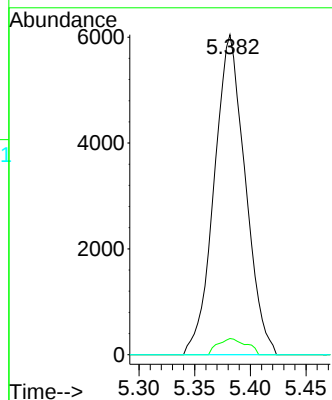


#38
Carbon Tetrachloride
Concen: 5.56 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU043166.D
Acq: 16 Apr 2021 14:19

Instrument :
MSVOA_U
ClientSampleId :
GWBR1-225-250-041521

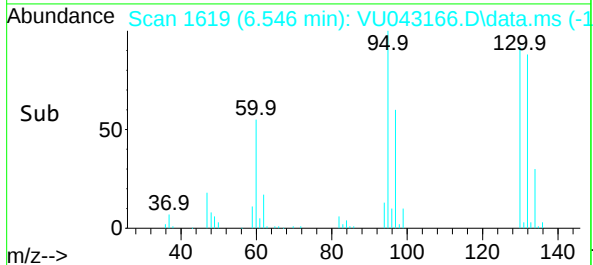
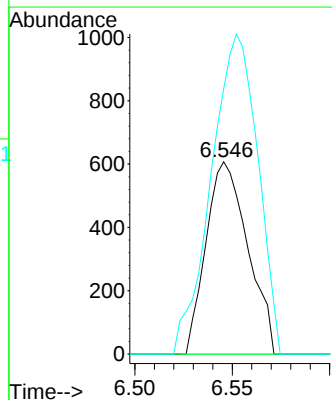
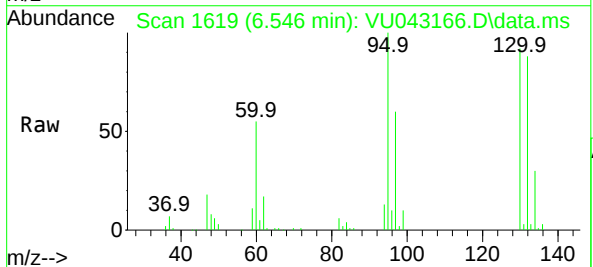


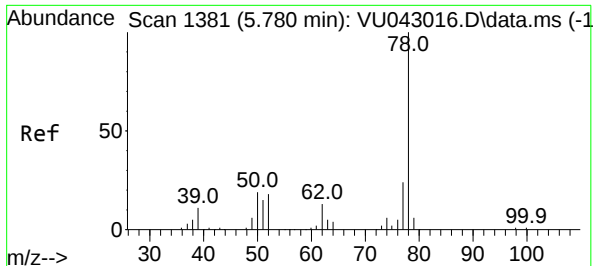
Tgt Ion:117 Resp: 11717
Ion Ratio Lower Upper
117 100
119 5.0 75.5 113.3#
121 0.0 24.7 37.1#



#39
Methylcyclohexane
Concen: 0.42 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. -0.225 min
Lab File: VU043166.D
Acq: 16 Apr 2021 14:19

Tgt Ion: 83 Resp: 906
Ion Ratio Lower Upper
83 100
55 0.0 66.8 100.2#
98 138.1 36.9 55.3#

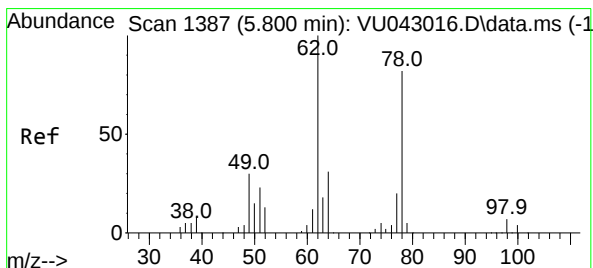
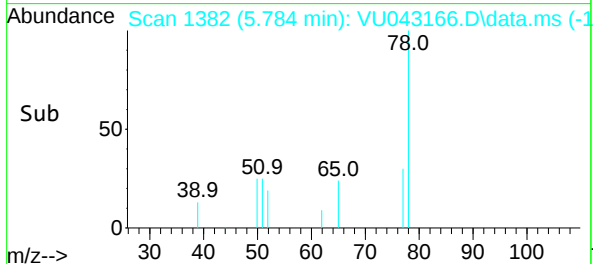
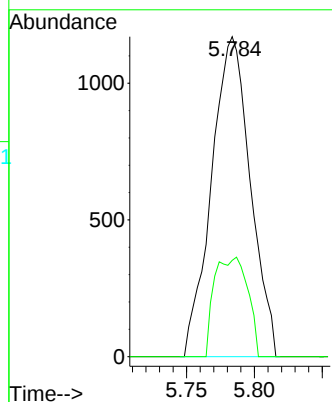
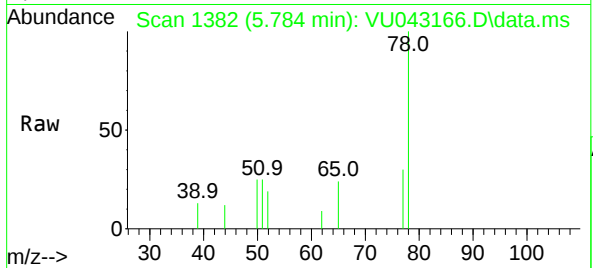




#40
Benzene
Concen: 0.42 ug/l
RT: 5.784 min Scan# 1382
Delta R.T. 0.004 min
Lab File: VU043166.D
Acq: 16 Apr 2021 14:19

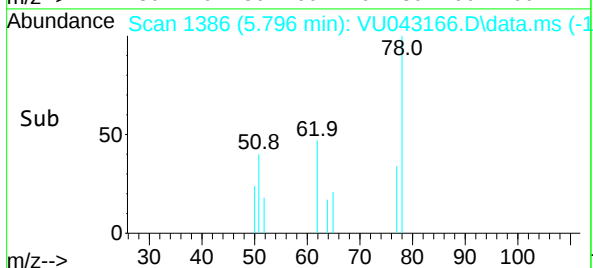
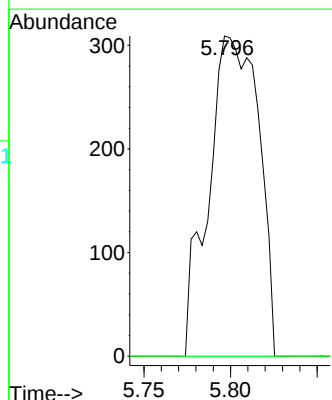
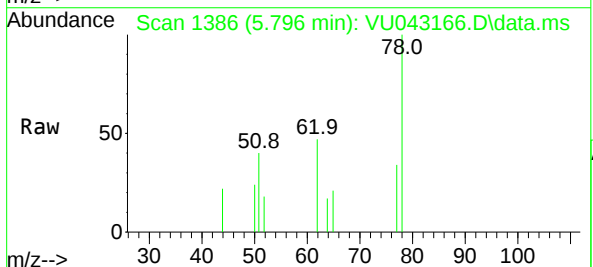
Instrument :
MSVOA_U
ClientSampleId :
GWBR1-225-250-041521

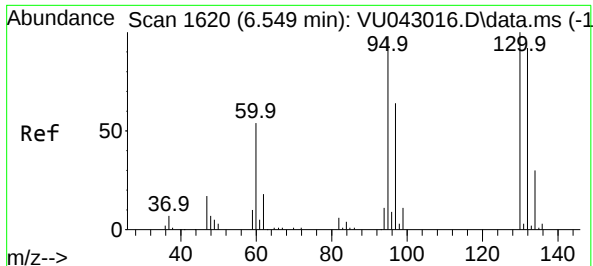
Tgt Ion: 78 Resp: 2333
Ion Ratio Lower Upper
78 100
77 30.1 19.3 28.9#



#42
1,2-Dichloroethane
Concen: 0.25 ug/l
RT: 5.796 min Scan# 1386
Delta R.T. -0.004 min
Lab File: VU043166.D
Acq: 16 Apr 2021 14:19

Tgt Ion: 62 Resp: 623
Ion Ratio Lower Upper
62 100
98 0.0 0.0 14.8

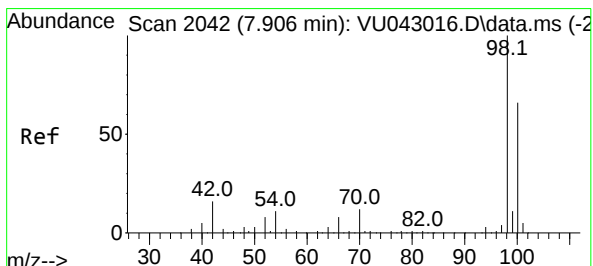
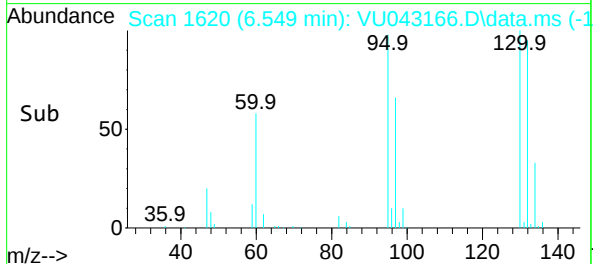
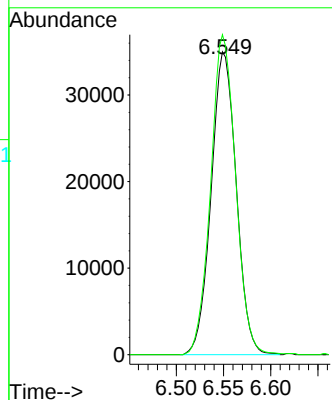
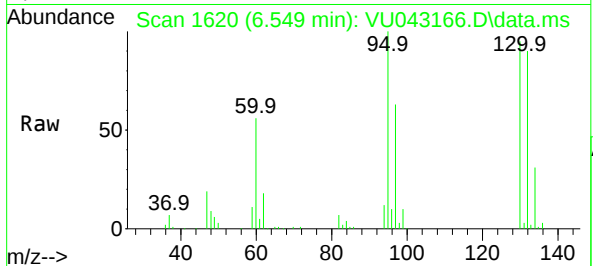




#44
Trichloroethene
Concen: 45.47 ug/l
RT: 6.549 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VU043166.D
Acq: 16 Apr 2021 14:19

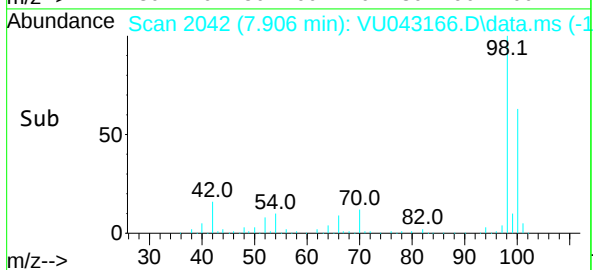
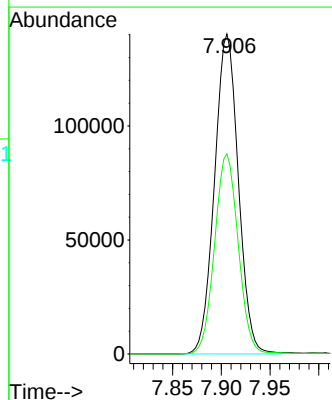
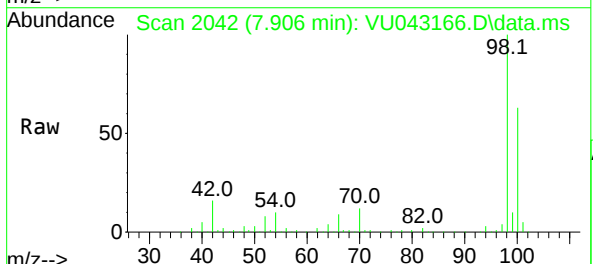
Instrument :
MSVOA_U
ClientSampleId :
GWBR1-225-250-041521

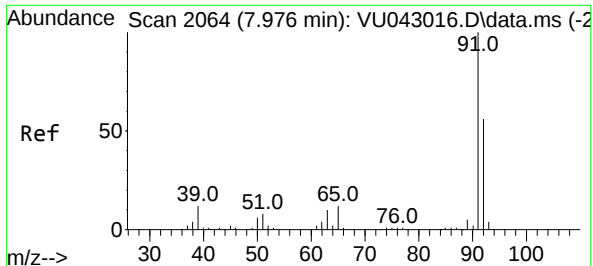
Tgt Ion:130 Resp: 64714
Ion Ratio Lower Upper
130 100
95 105.7 0.0 197.8



#50
Toluene-d8
Concen: 48.50 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU043166.D
Acq: 16 Apr 2021 14:19

Tgt Ion: 98 Resp: 238724
Ion Ratio Lower Upper
98 100
100 62.1 50.2 75.2

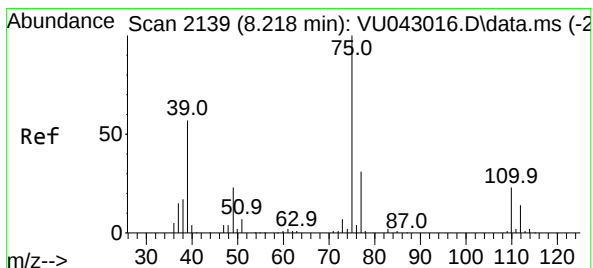
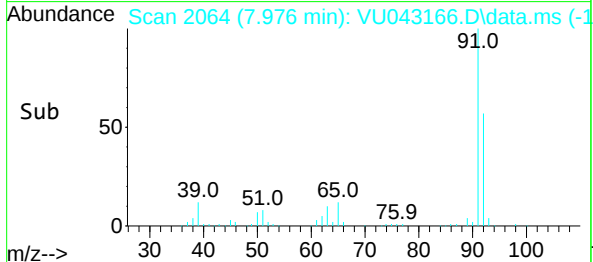
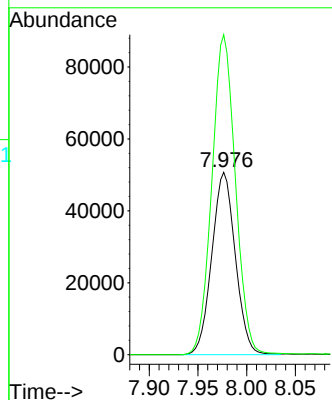
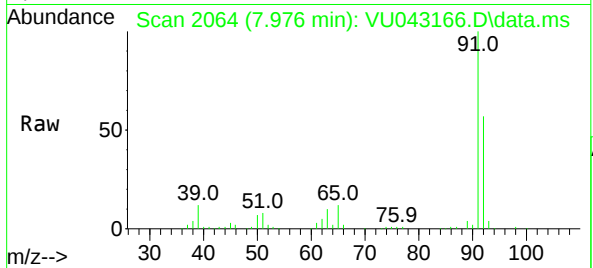




#52
Toluene
Concen: 24.46 ug/l
RT: 7.976 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU043166.D
Acq: 16 Apr 2021 14:19

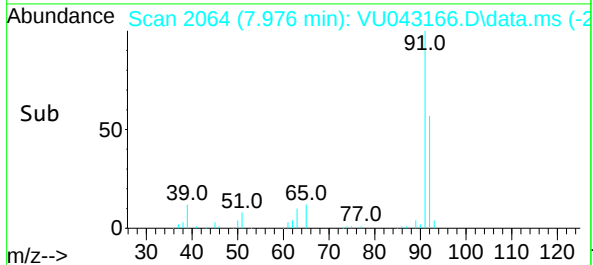
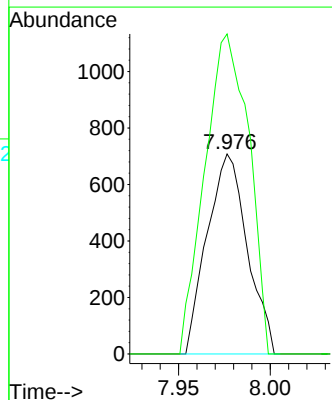
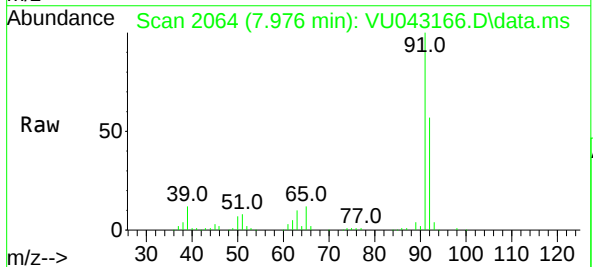
Instrument :
MSVOA_U
ClientSampleId :
GWBR1-225-250-041521

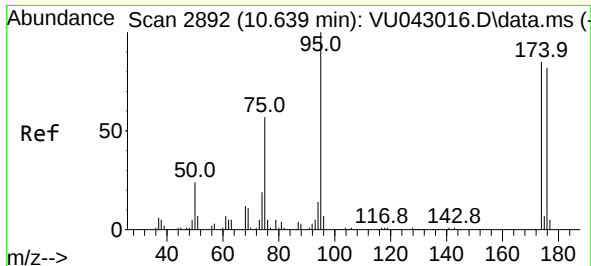
Tgt Ion: 92 Resp: 85100
Ion Ratio Lower Upper
92 100
91 176.0 140.3 210.5



#53
t-1,3-Dichloropropene
Concen: 0.44 ug/l
RT: 7.976 min Scan# 2064
Delta R.T. -0.242 min
Lab File: VU043166.D
Acq: 16 Apr 2021 14:19

Tgt Ion: 75 Resp: 1078
Ion Ratio Lower Upper
75 100
77 160.0 25.6 38.4#

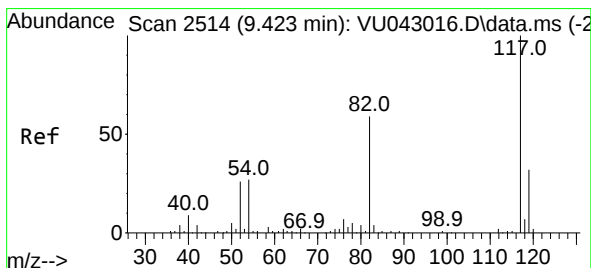
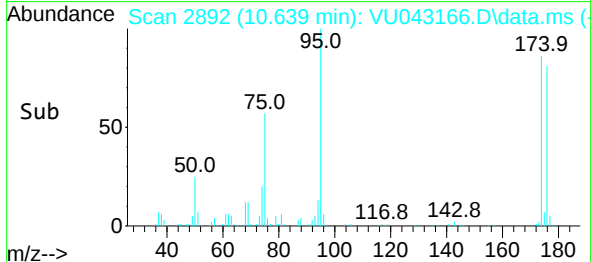
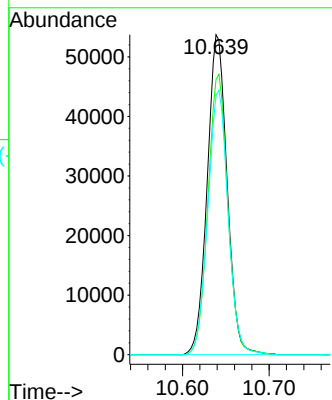
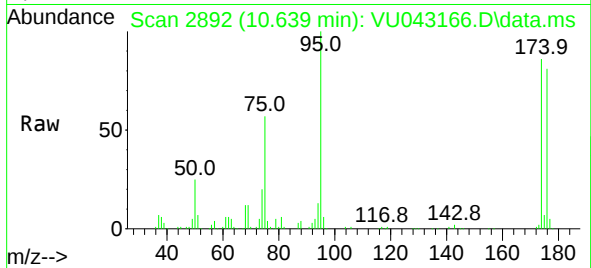




#62
4-Bromofluorobenzene
Concen: 43.57 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043166.D
Acq: 16 Apr 2021 14:19

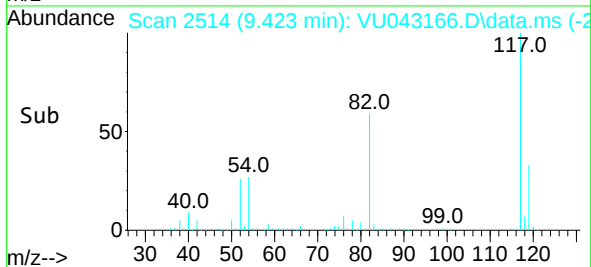
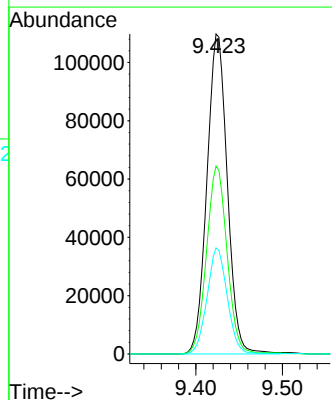
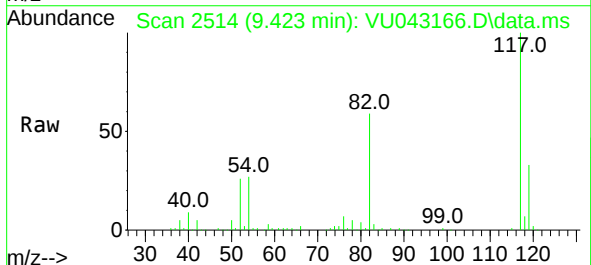
Instrument :
MSVOA_U
ClientSampleId :
GWBR1-225-250-041521

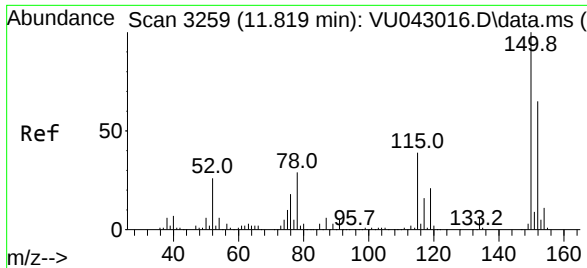
Tgt Ion: 95 Resp: 85892
Ion Ratio Lower Upper
95 100
174 87.3 0.0 172.2
176 84.2 0.0 168.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043166.D
Acq: 16 Apr 2021 14:19

Tgt Ion: 117 Resp: 179522
Ion Ratio Lower Upper
117 100
82 58.7 45.8 68.6
119 33.2 25.8 38.8

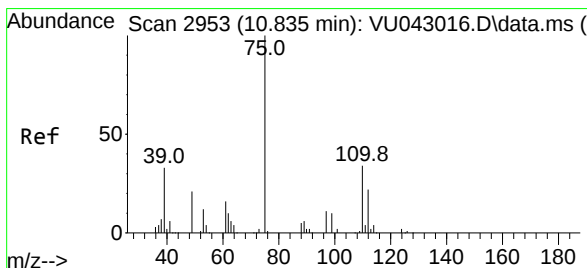
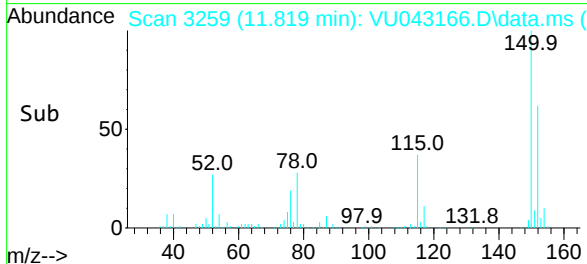
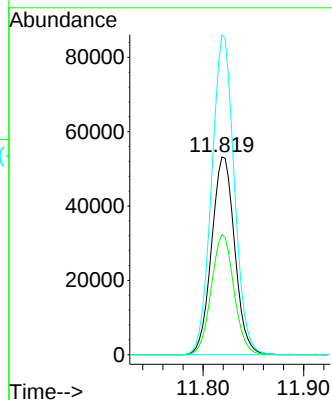
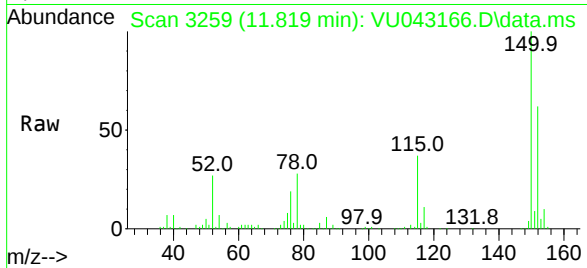




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 11.819 min Scan# 3259
 Delta R.T. -0.000 min
 Lab File: VU043166.D
 Acq: 16 Apr 2021 14:19

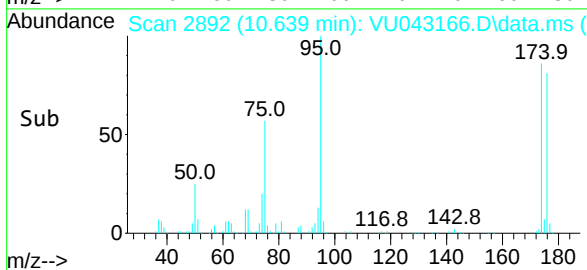
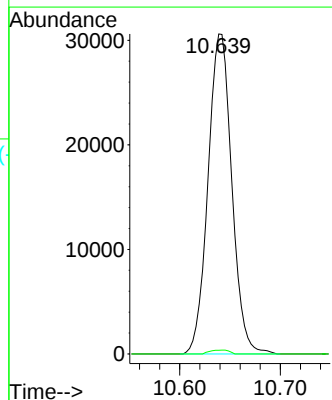
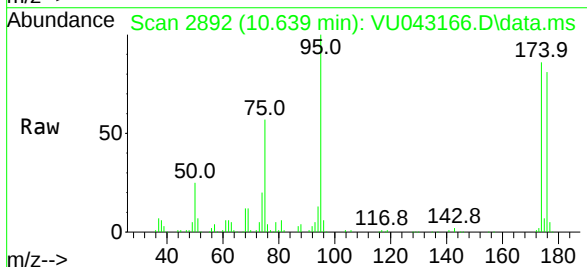
Instrument :
 MSVOA_U
 ClientSampleId :
 GWBR1-225-250-041521

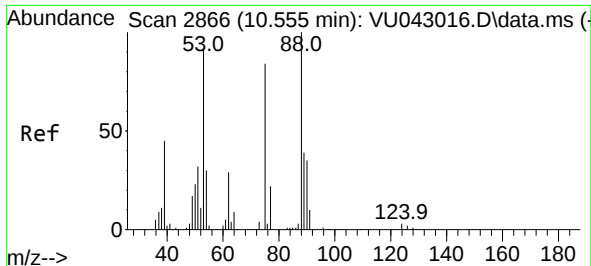
Tgt Ion:152 Resp: 84954
 Ion Ratio Lower Upper
 152 100
 115 59.6 41.5 124.6
 150 158.4 0.0 342.4



#76
 1,2,3-Trichloropropane
 Concen: 20.25 ug/l
 RT: 10.639 min Scan# 2892
 Delta R.T. -0.196 min
 Lab File: VU043166.D
 Acq: 16 Apr 2021 14:19

Tgt Ion: 75 Resp: 50277
 Ion Ratio Lower Upper
 75 100
 77 1.0 20.2 60.5#

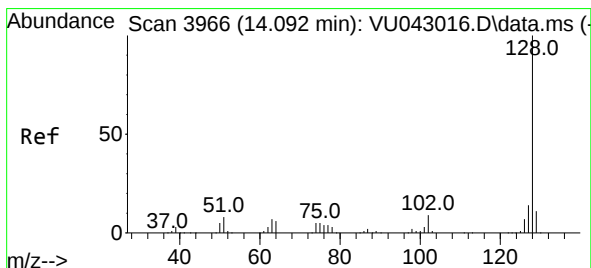
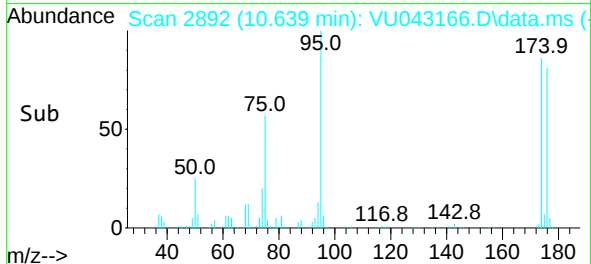
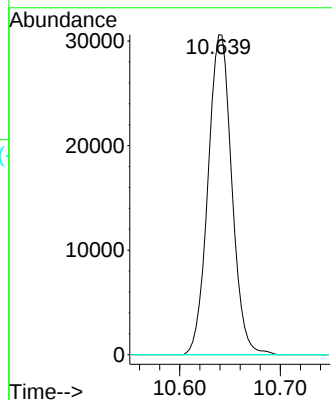
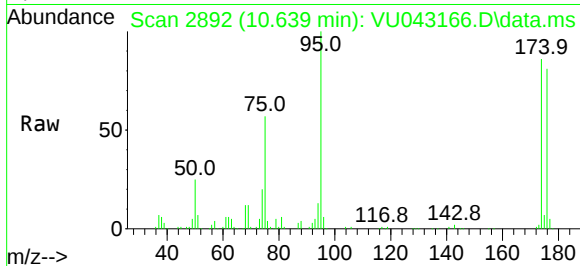




#81
trans-1,4-Dichloro-2-butene
Concen: 59.51 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.084 min
Lab File: VU043166.D
Acq: 16 Apr 2021 14:19

Instrument :
MSVOA_U
ClientSampleId :
GWBR1-225-250-041521

Tgt Ion: 75 Resp: 50277
Ion Ratio Lower Upper
75 100
53 0.0 85.6 128.4#
89 0.0 35.7 53.5#



#95
Naphthalene
Concen: 2.79 ug/l
RT: 14.102 min Scan# 3969
Delta R.T. 0.010 min
Lab File: VU043166.D
Acq: 16 Apr 2021 14:19

Tgt Ion:128 Resp: 345
Ion Ratio Lower Upper
128 100
127 0.0 10.8 16.2#
129 0.0 8.6 13.0#

