

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040921\
 Data File : VU043001.D
 Acq On : 09 Apr 2021 14:46
 Operator : SY/MD
 Sample : M1977-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GWBR3-200-220-040721

Quant Time: Apr 09 15:44:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U040921W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 09 09:26:47 2021
 Response via : Initial Calibration

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

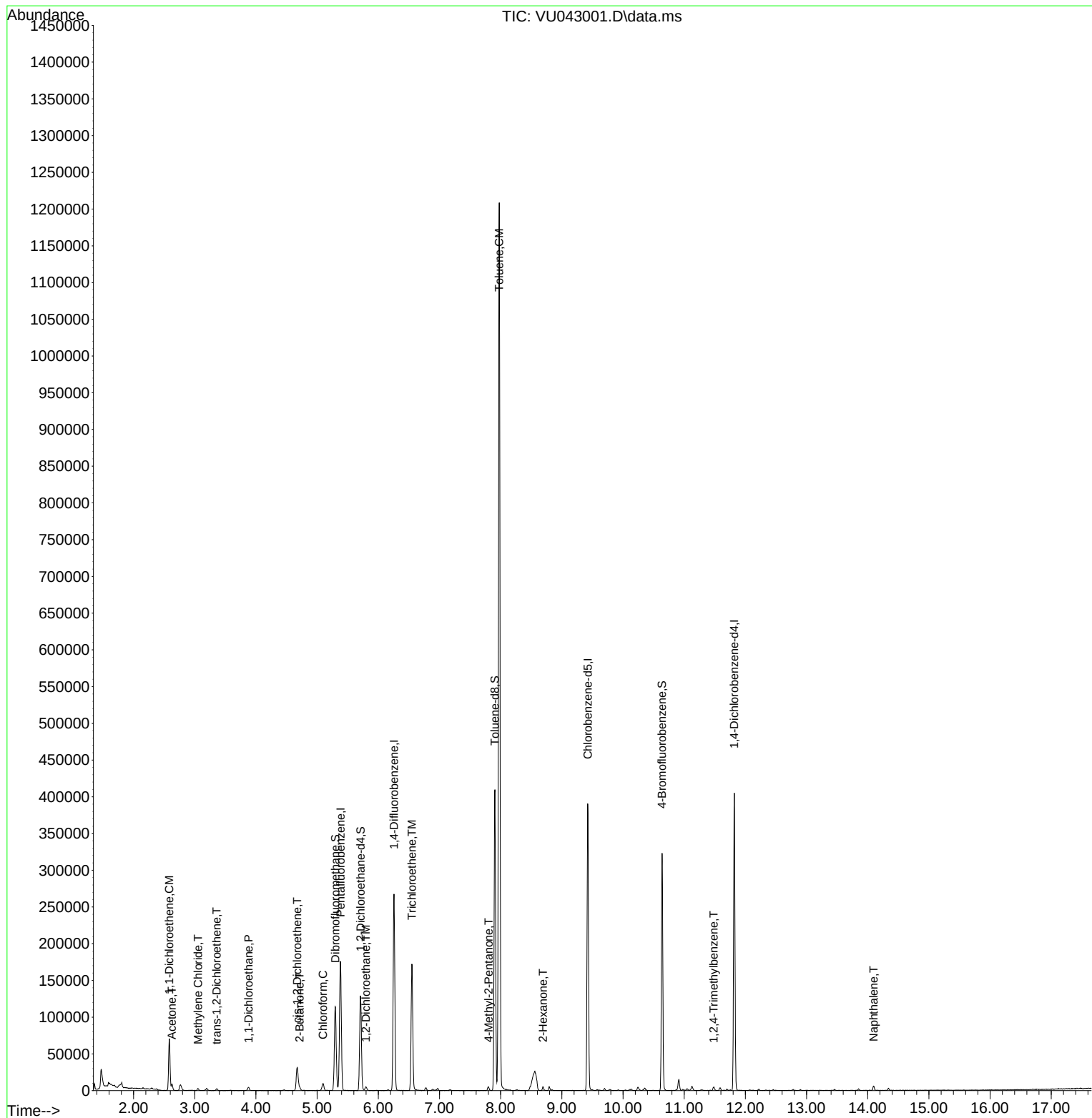
Internal Standards						
1) Pentafluorobenzene	5.382	168	120582	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	199876	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	193095	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	97855	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	99143	50.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.60%	
35) Dibromofluoromethane	5.298	113	69914	47.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.80%	
50) Toluene-d8	7.906	98	251473	47.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.66%	
62) 4-Bromofluorobenzene	10.639	95	94513	44.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.00%	
Target Compounds					Qvalue	
12) 1,1-Dichloroethene	2.584	96	21555	19.41	ug/l	97
16) Acetone	2.626	43	10122	9.16	ug/l	93
20) Methylene Chloride	3.054	84	1121	0.79	ug/l	91
21) trans-1,2-Dichloroethene	3.359	96	1055	0.84	ug/l #	75
24) 1,1-Dichloroethane	3.880	63	5196	2.09	ug/l #	95
25) 2-Butanone	4.713	43	6807	3.85	ug/l	100
27) cis-1,2-Dichloroethene	4.674	96	14832	10.51	ug/l	90
30) Chloroform	5.096	83	8294	3.09	ug/l	100
42) 1,2-Dichloroethane	5.797	62	4278	1.68	ug/l	91
44) Trichloroethene	6.549	130	53229	35.90	ug/l	93
51) 4-Methyl-2-Pentanone	7.803	43	3779	10.45	ug/l	98
52) Toluene	7.976	92	466299	129.38	ug/l	100
59) 2-Hexanone	8.694	43	3474	8.94	ug/l	99
84) 1,2,4-Trimethylbenzene	11.481	105	2053	0.36	ug/l #	51
95) Naphthalene	14.095	128	5510	3.94	ug/l #	88

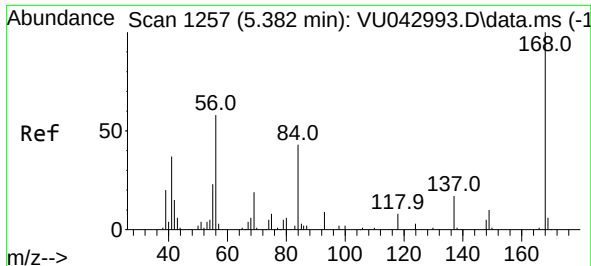
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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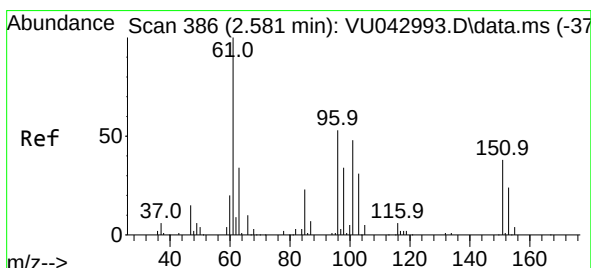
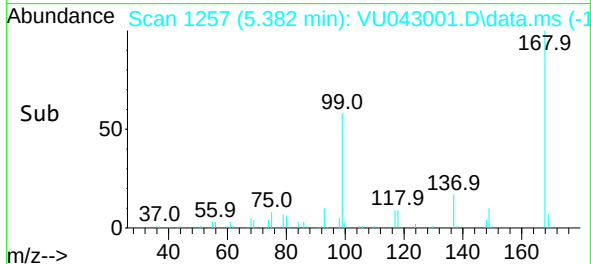
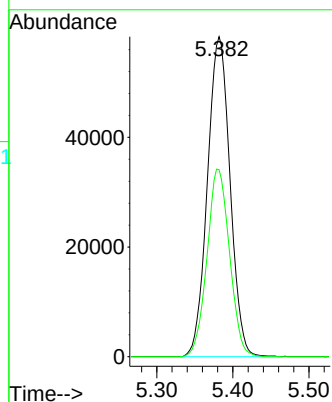
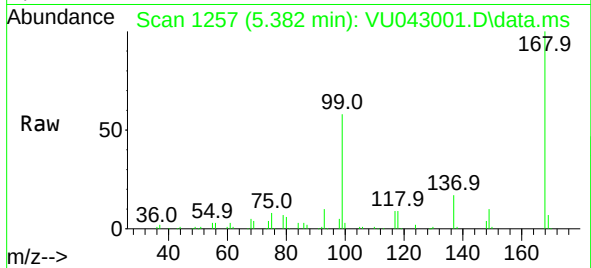




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043001.D
Acq: 09 Apr 2021 14:46

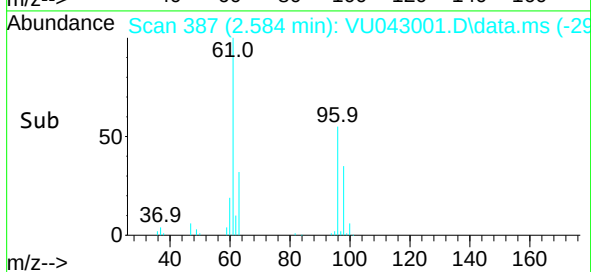
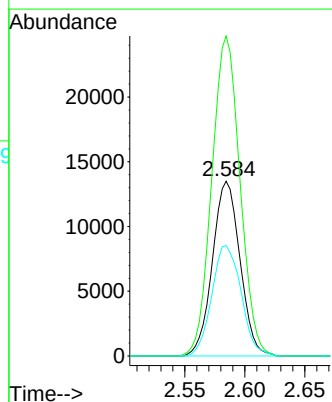
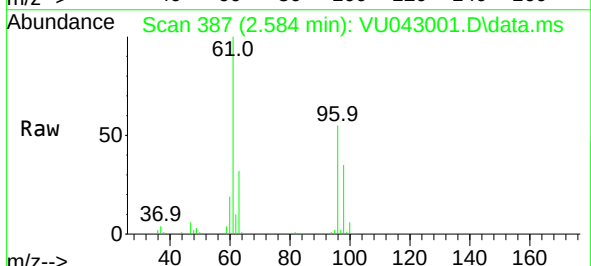
Instrument :
MSVOA_U
ClientSampleId :
GWBR3-200-220-040721

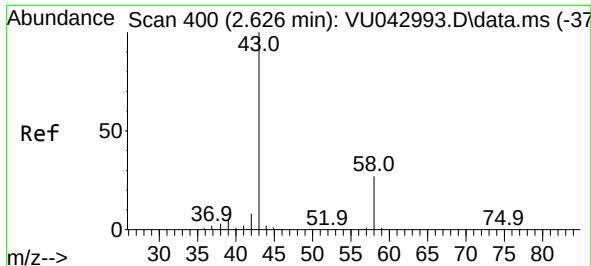
Tgt Ion:168 Resp: 120582
Ion Ratio Lower Upper
168 100
99 58.4 47.5 71.3



#12
1,1-Dichloroethene
Concen: 19.41 ug/l
RT: 2.584 min Scan# 387
Delta R.T. 0.003 min
Lab File: VU043001.D
Acq: 09 Apr 2021 14:46

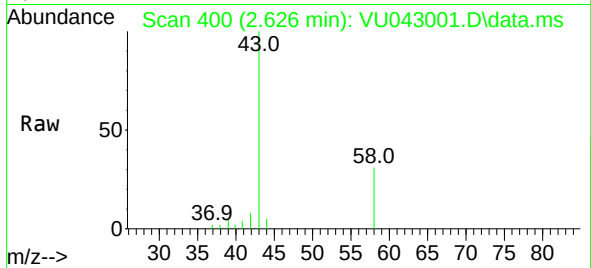
Tgt Ion: 96 Resp: 21555
Ion Ratio Lower Upper
96 100
61 183.1 150.2 225.2
98 63.2 51.6 77.4



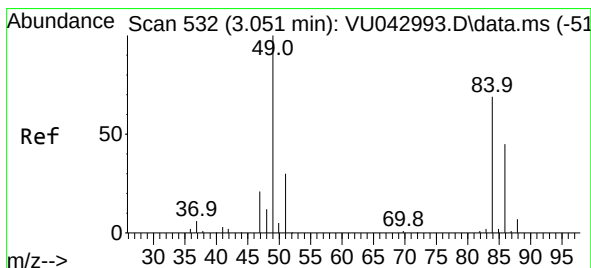
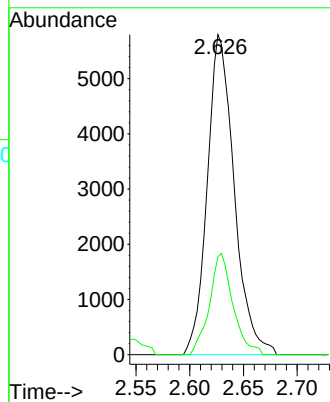
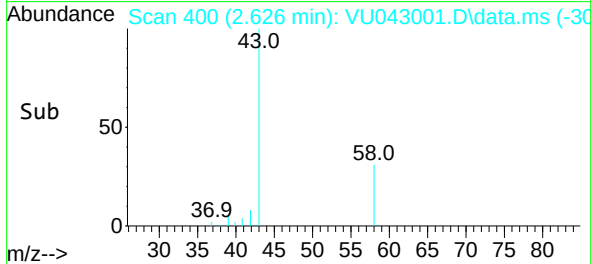


#16
Acetone
Concen: 9.16 ug/l
RT: 2.626 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU043001.D
Acq: 09 Apr 2021 14:46

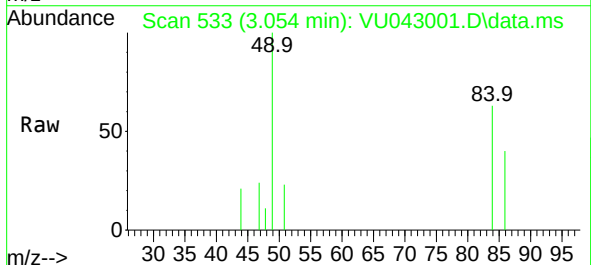
Instrument :
MSVOA_U
ClientSampleId :
GWBR3-200-220-040721



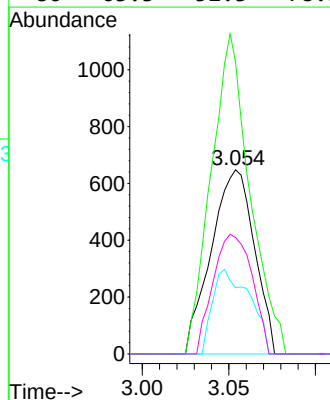
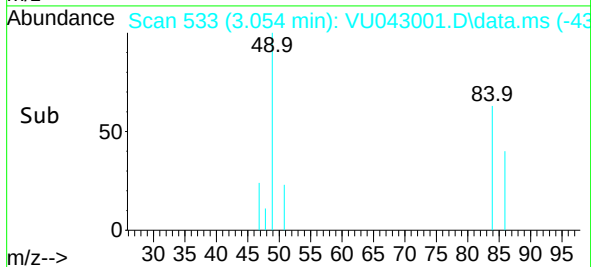
Tgt Ion: 43 Resp: 10122
Ion Ratio Lower Upper
43 100
58 30.5 21.4 32.0

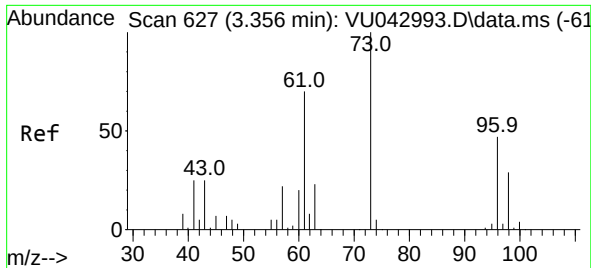


#20
Methylene Chloride
Concen: 0.79 ug/l
RT: 3.054 min Scan# 533
Delta R.T. 0.003 min
Lab File: VU043001.D
Acq: 09 Apr 2021 14:46



Tgt Ion: 84 Resp: 1121
Ion Ratio Lower Upper
84 100
49 158.6 116.1 174.1
51 36.0 35.1 52.7
86 63.3 52.3 78.5

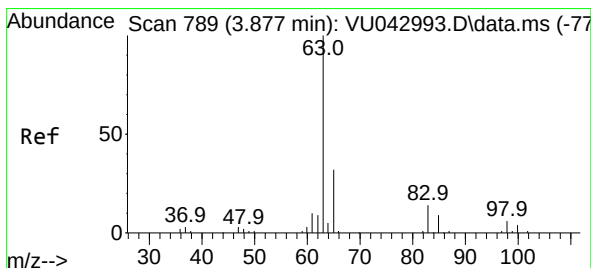
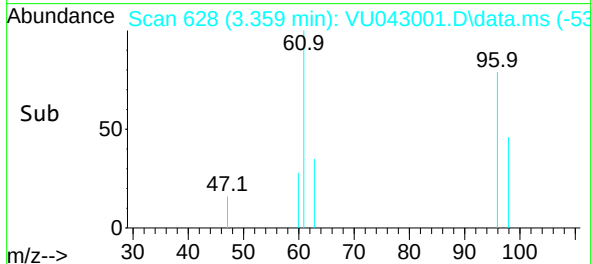
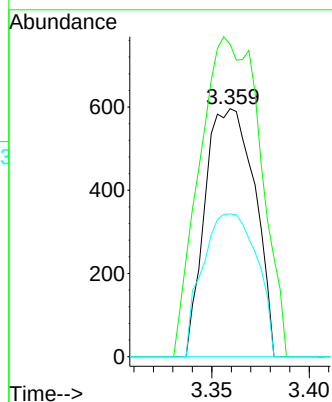
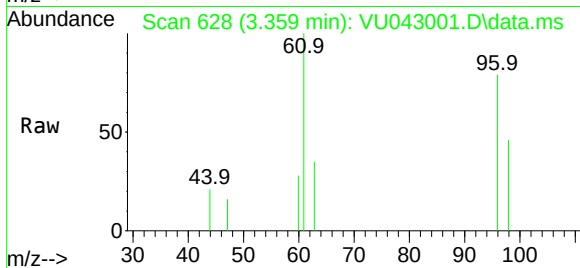




#21
trans-1,2-Dichloroethene
Concen: 0.84 ug/l
RT: 3.359 min Scan# 628
Delta R.T. 0.003 min
Lab File: VU043001.D
Acq: 09 Apr 2021 14:46

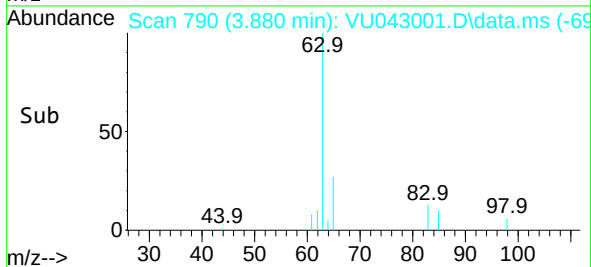
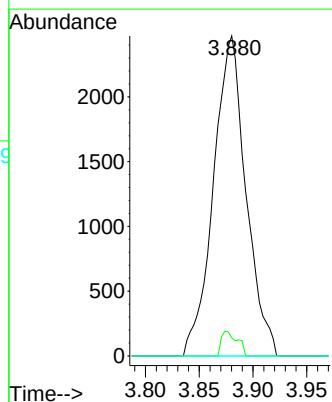
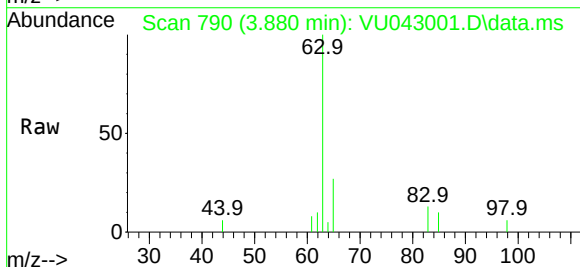
Instrument :
MSVOA_U
ClientSampleId :
GWBR3-200-220-040721

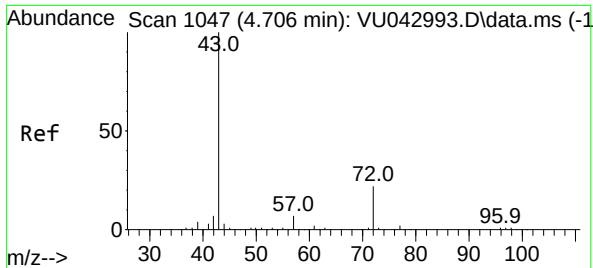
Tgt Ion: 96 Resp: 1055
Ion Ratio Lower Upper
96 100
61 107.0 119.1 178.7#
98 57.6 48.8 73.2



#24
1,1-Dichloroethane
Concen: 2.09 ug/l
RT: 3.880 min Scan# 790
Delta R.T. 0.003 min
Lab File: VU043001.D
Acq: 09 Apr 2021 14:46

Tgt Ion: 63 Resp: 5196
Ion Ratio Lower Upper
63 100
98 5.7 3.1 9.3
100 0.0 1.8 5.4#





#25

2-Butanone

Concen: 3.85 ug/l

RT: 4.713 min Scan# 1049

Delta R.T. 0.007 min

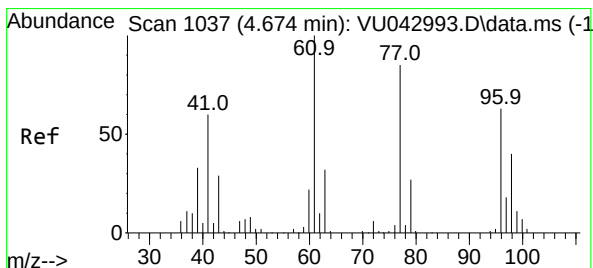
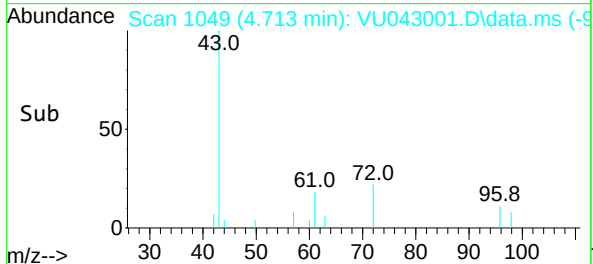
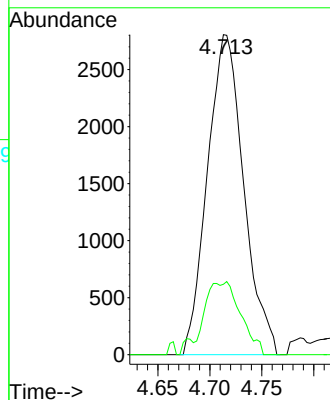
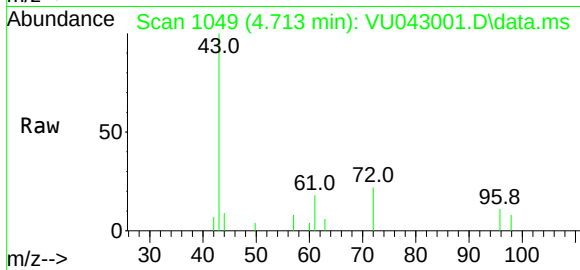
Lab File: VU043001.D

Acq: 09 Apr 2021 14:46

Tgt Ion: 43 Resp: 6807

Ion Ratio Lower Upper

43	100		
72	22.0	17.4	26.2



#27

cis-1,2-Dichloroethene

Concen: 10.51 ug/l

RT: 4.674 min Scan# 1037

Delta R.T. 0.000 min

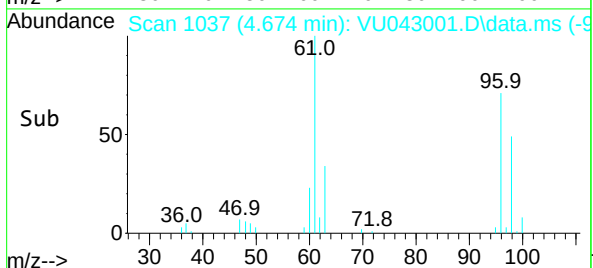
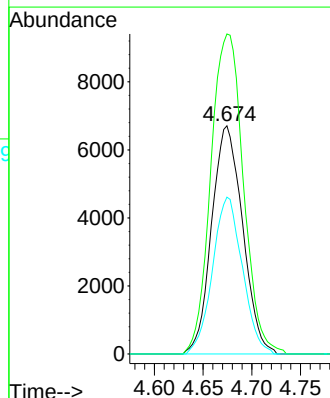
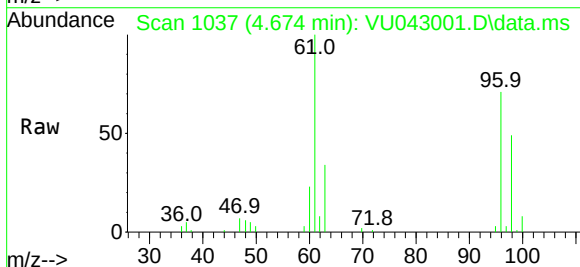
Lab File: VU043001.D

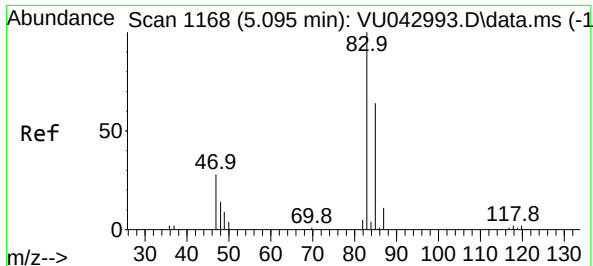
Acq: 09 Apr 2021 14:46

Tgt Ion: 96 Resp: 14832

Ion Ratio Lower Upper

96	100		
61	147.4	0.0	327.0
98	66.3	0.0	127.4





#30

Chloroform

Concen: 3.09 ug/l

RT: 5.096 min Scan# 1168

Delta R.T. 0.000 min

Lab File: VU043001.D

Acq: 09 Apr 2021 14:46

Tgt Ion: 83 Resp: 8294

Ion Ratio Lower Upper

83 100

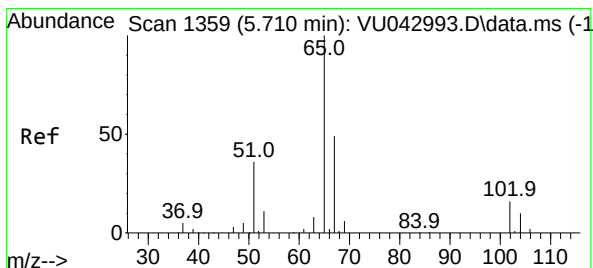
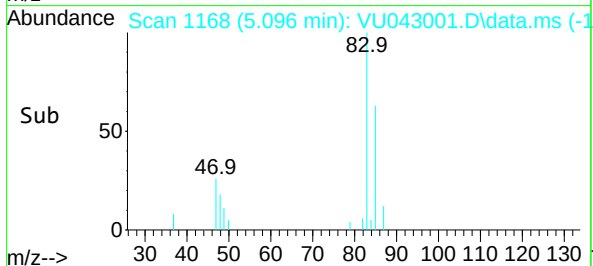
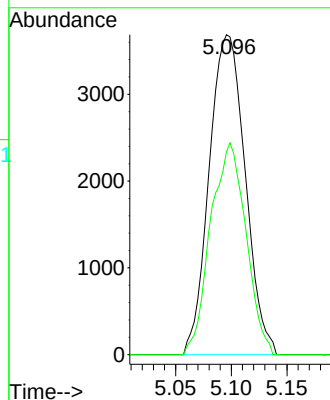
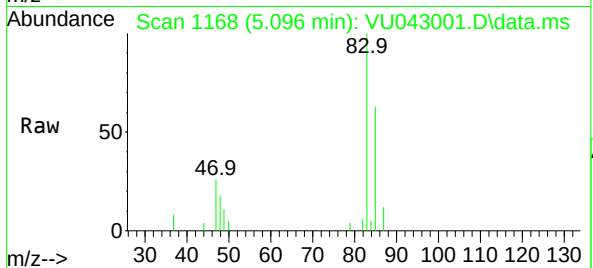
85 63.4 50.8 76.2

Instrument :

MSVOA_U

ClientSampleId :

GWBR3-200-220-040721



#33

1,2-Dichloroethane-d4

Concen: 50.30 ug/l

RT: 5.710 min Scan# 1359

Delta R.T. 0.000 min

Lab File: VU043001.D

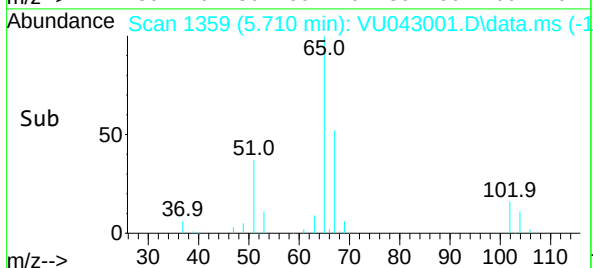
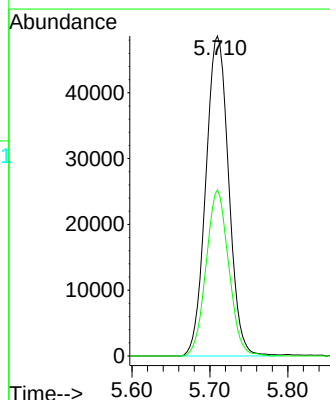
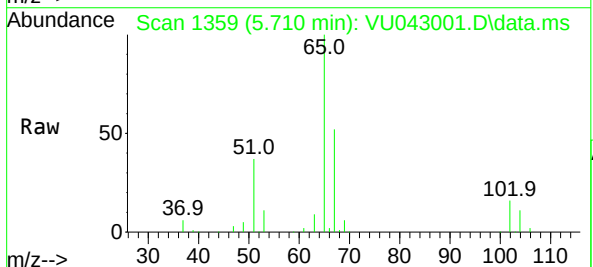
Acq: 09 Apr 2021 14:46

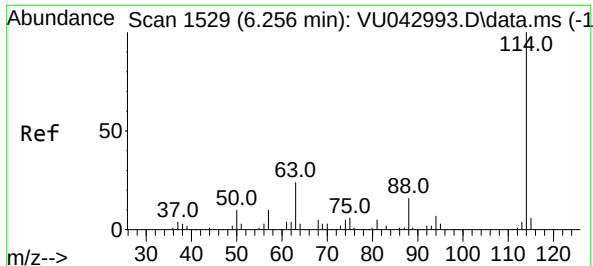
Tgt Ion: 65 Resp: 99143

Ion Ratio Lower Upper

65 100

67 51.3 0.0 98.6

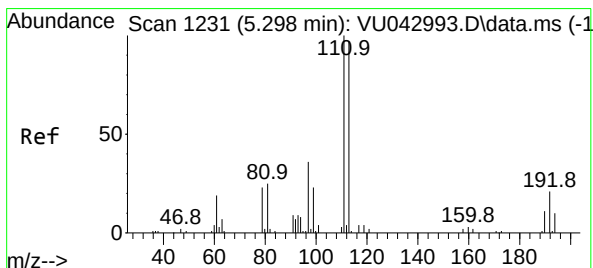
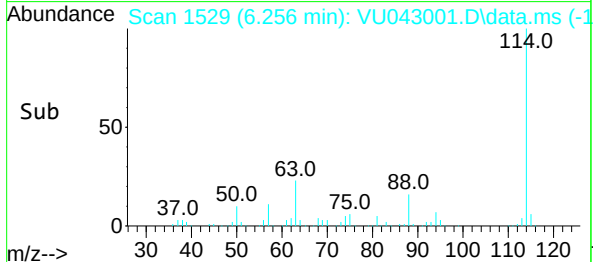
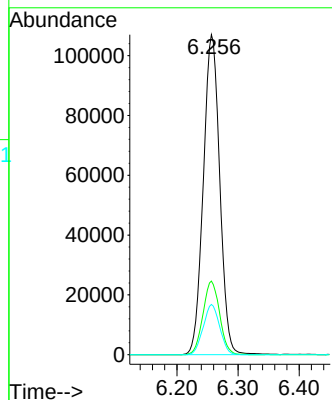
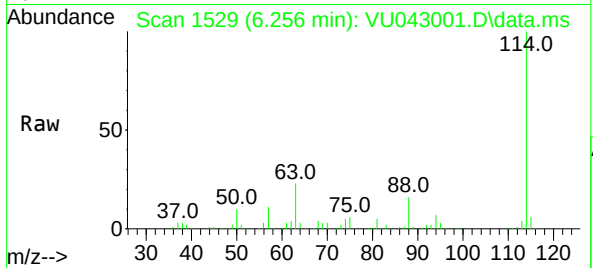




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. 0.000 min
Lab File: VU043001.D
Acq: 09 Apr 2021 14:46

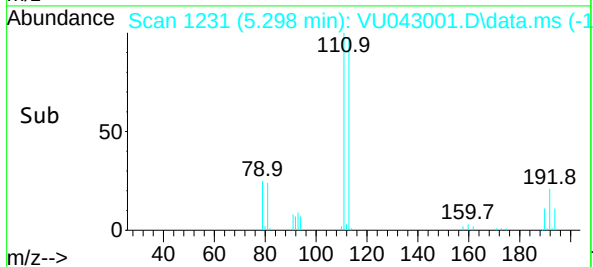
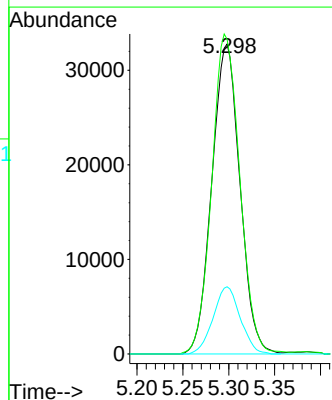
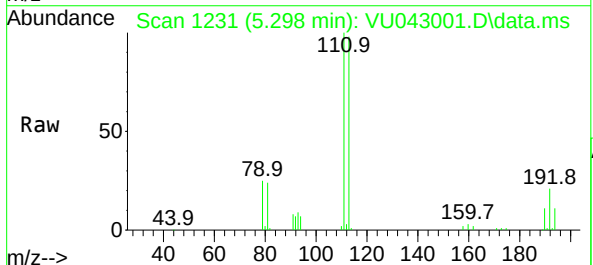
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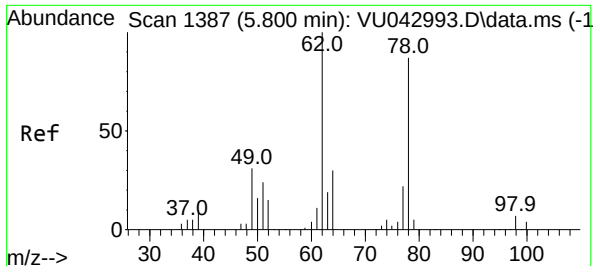
Tgt Ion:114 Resp: 199876
Ion Ratio Lower Upper
114 100
63 23.0 0.0 48.0
88 15.7 0.0 32.6



#35
Dibromofluoromethane
Concen: 47.90 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU043001.D
Acq: 09 Apr 2021 14:46

Tgt Ion:113 Resp: 69914
Ion Ratio Lower Upper
113 100
111 103.0 81.7 122.5
192 20.9 17.1 25.7





#42

1,2-Dichloroethane

Concen: 1.68 ug/l

RT: 5.797 min Scan# 1386

Delta R.T. -0.003 min

Lab File: VU043001.D

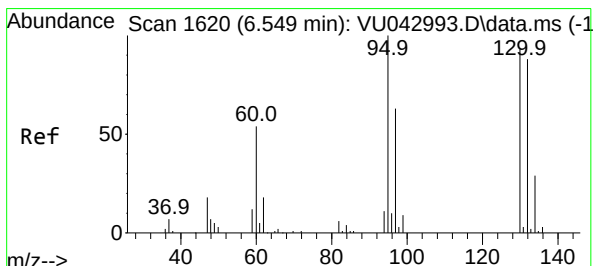
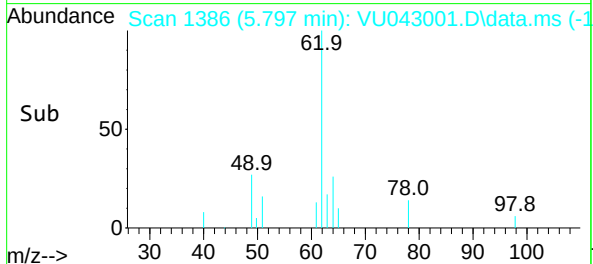
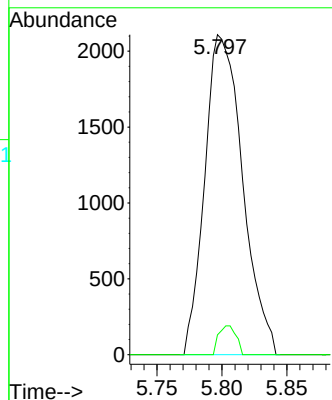
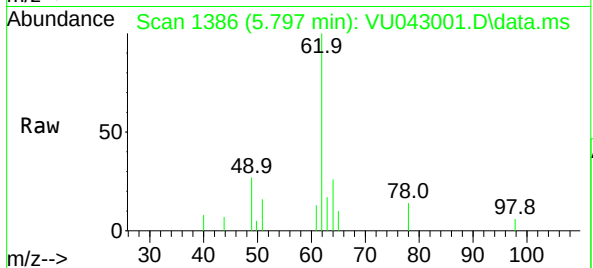
Acq: 09 Apr 2021 14:46

Tgt Ion: 62 Resp: 4278

Ion Ratio Lower Upper

62 100

98 4.1 0.0 14.4



#44

Trichloroethene

Concen: 35.90 ug/l

RT: 6.549 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VU043001.D

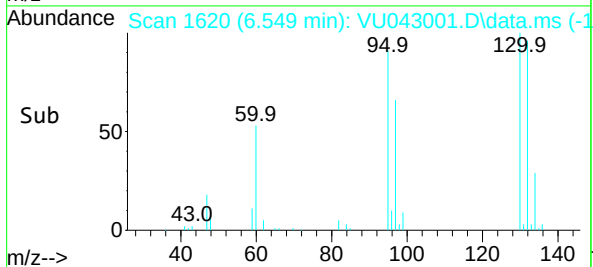
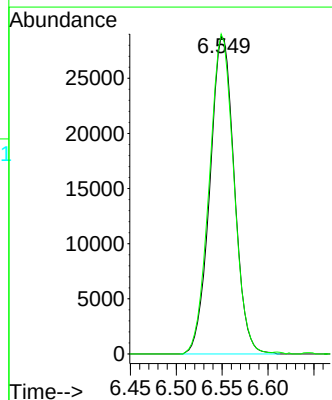
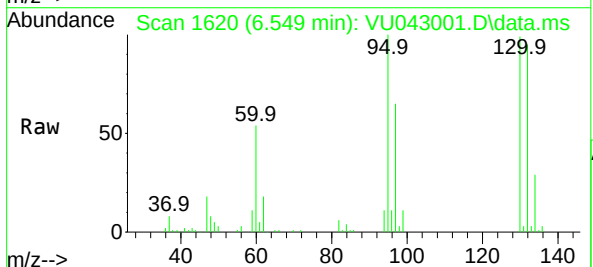
Acq: 09 Apr 2021 14:46

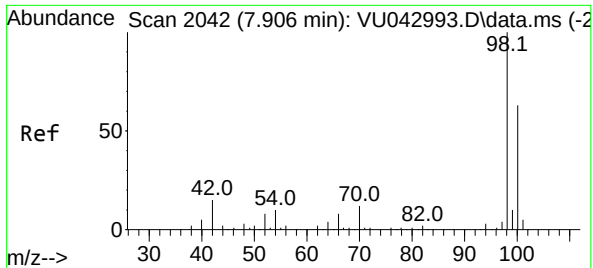
Tgt Ion: 130 Resp: 53229

Ion Ratio Lower Upper

130 100

95 100.8 0.0 215.4

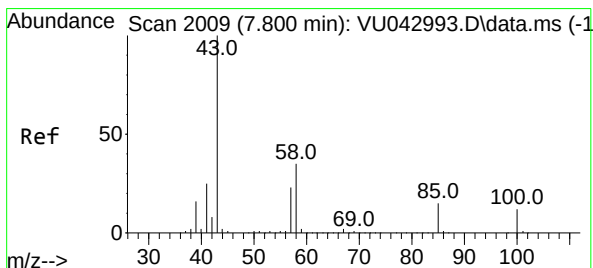
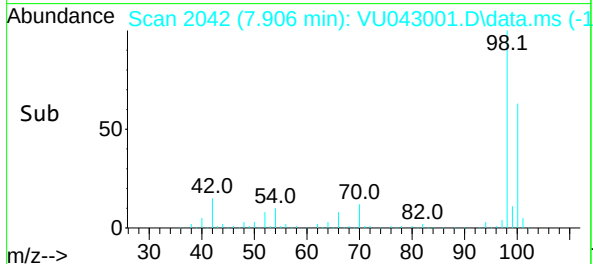
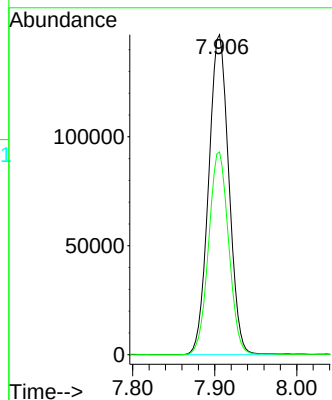
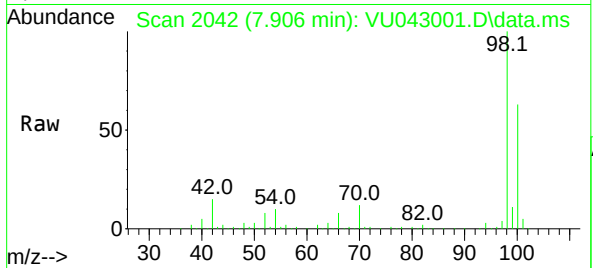




#50
Toluene-d8
Concen: 47.83 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. 0.000 min
Lab File: VU043001.D
Acq: 09 Apr 2021 14:46

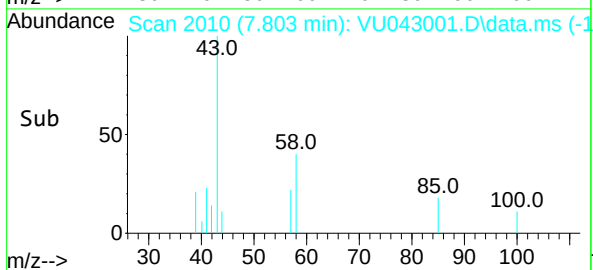
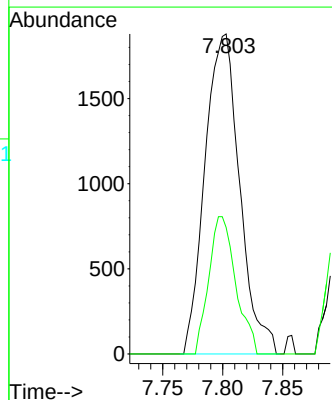
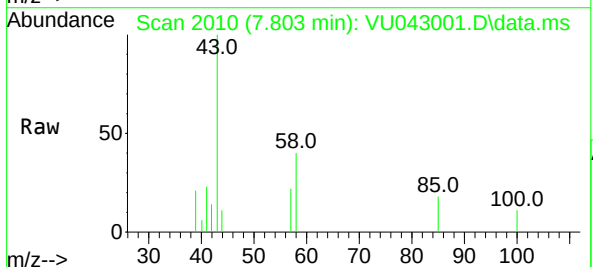
Instrument :
MSVOA_U
ClientSampleId :
GWBR3-200-220-040721

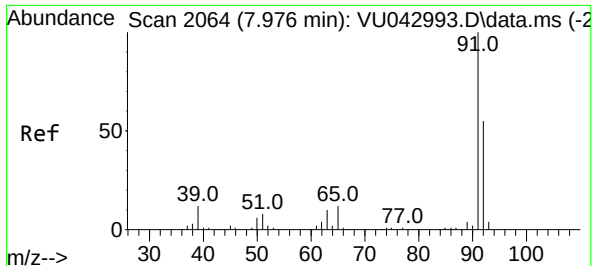
Tgt Ion: 98 Resp: 251473
Ion Ratio Lower Upper
98 100
100 62.7 49.9 74.9



#51
4-Methyl-2-Pentanone
Concen: 10.45 ug/l
RT: 7.803 min Scan# 2010
Delta R.T. 0.003 min
Lab File: VU043001.D
Acq: 09 Apr 2021 14:46

Tgt Ion: 43 Resp: 3779
Ion Ratio Lower Upper
43 100
58 33.3 27.7 41.5

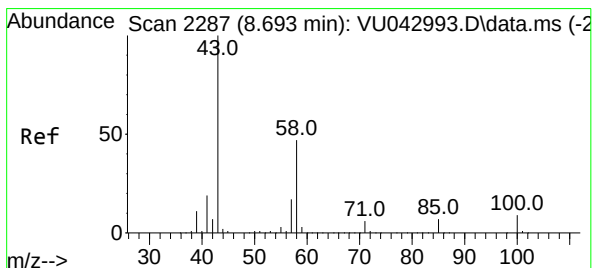
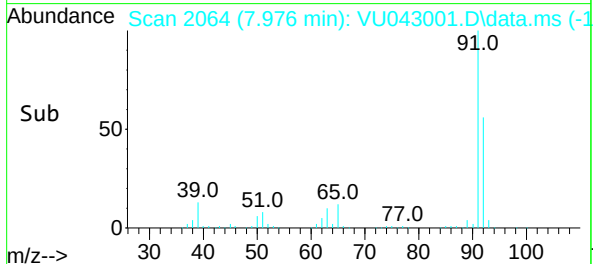
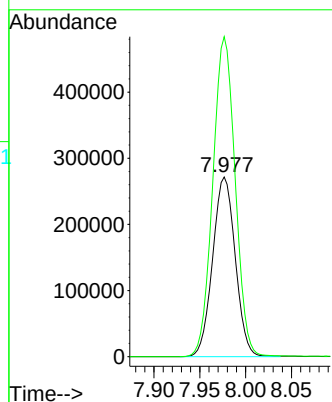
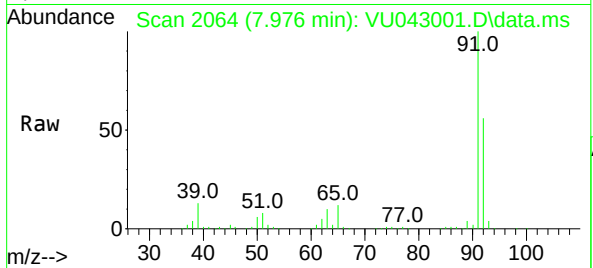




#52
Toluene
Concen: 129.38 ug/l
RT: 7.976 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU043001.D
Acq: 09 Apr 2021 14:46

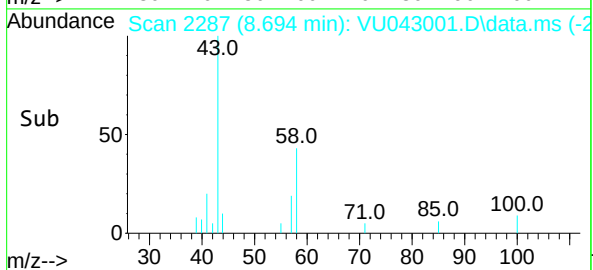
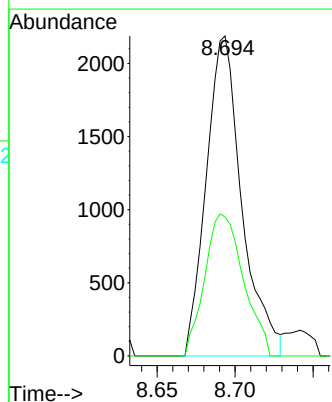
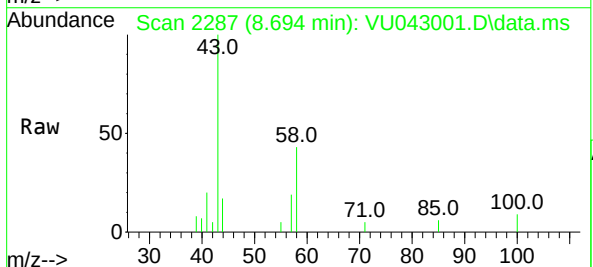
Instrument :
MSVOA_U
ClientSampleId :
GWBR3-200-220-040721

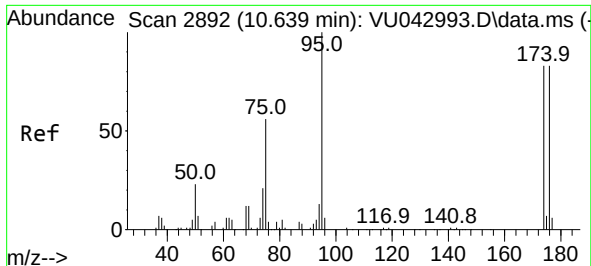
Tgt Ion: 92 Resp: 466299
Ion Ratio Lower Upper
92 100
91 176.6 141.1 211.7



#59
2-Hexanone
Concen: 8.94 ug/l
RT: 8.694 min Scan# 2287
Delta R.T. 0.001 min
Lab File: VU043001.D
Acq: 09 Apr 2021 14:46

Tgt Ion: 43 Resp: 3474
Ion Ratio Lower Upper
43 100
58 48.2 23.7 71.1

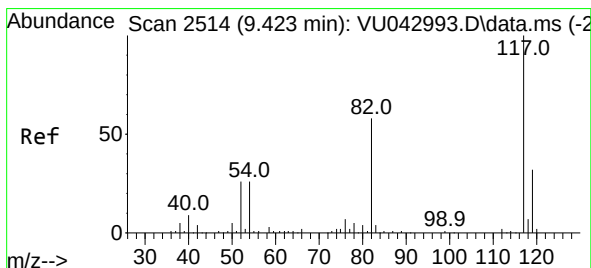
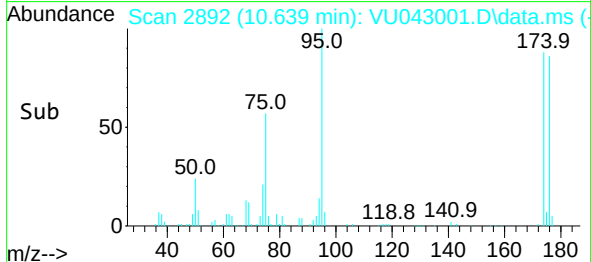
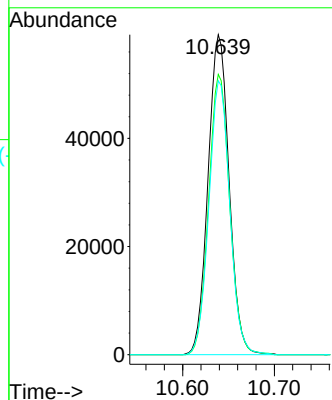
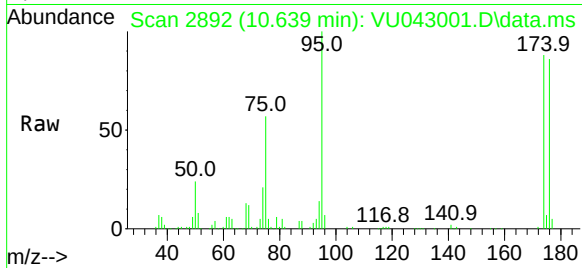




#62
4-Bromofluorobenzene
Concen: 44.00 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.000 min
Lab File: VU043001.D
Acq: 09 Apr 2021 14:46

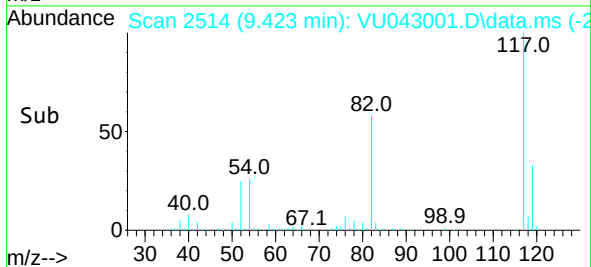
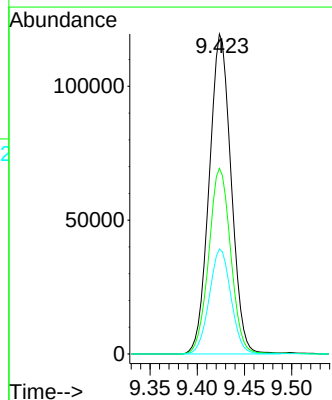
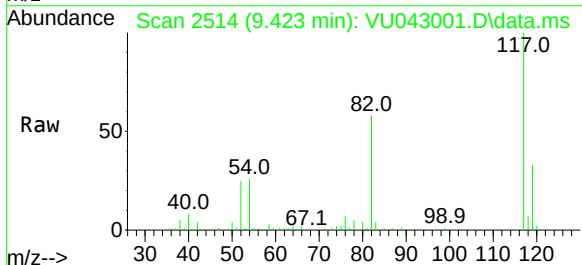
Instrument :
MSVOA_U
ClientSampleId :
GWBR3-200-220-040721

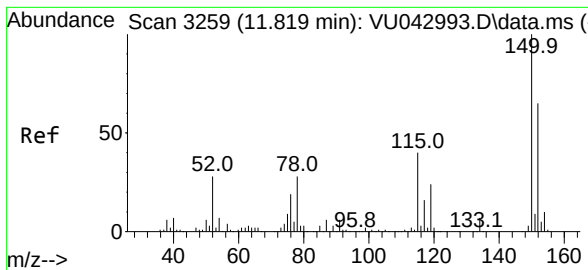
Tgt Ion:	95	Resp:	94513
Ion Ratio	Lower	Upper	
95	100		
174	87.5	0.0	168.8
176	85.0	0.0	164.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043001.D
Acq: 09 Apr 2021 14:46

Tgt Ion:	117	Resp:	193095
Ion Ratio	Lower	Upper	
117	100		
82	58.0	46.5	69.7
119	32.8	25.7	38.5

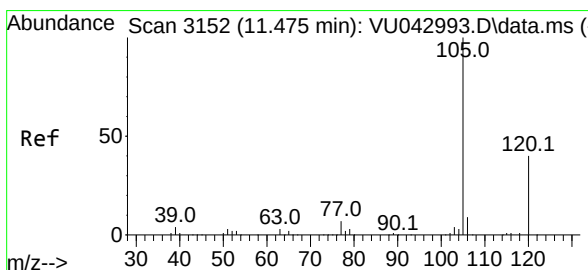
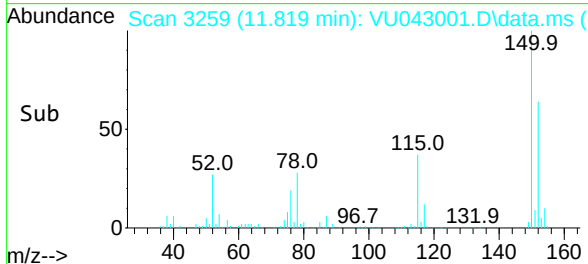
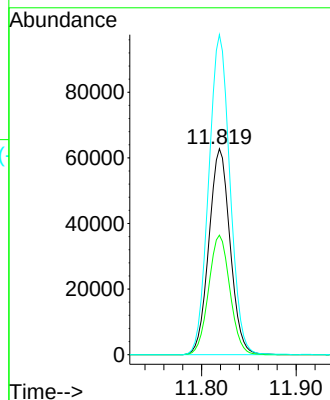
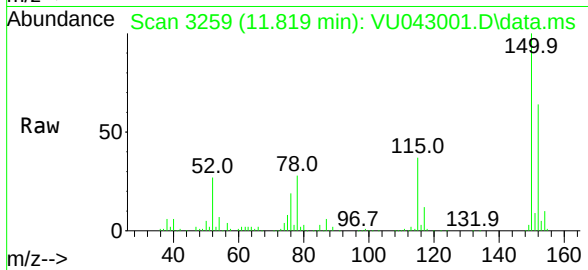




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 11.819 min Scan# 3259
 Delta R.T. -0.000 min
 Lab File: VU043001.D
 Acq: 09 Apr 2021 14:46

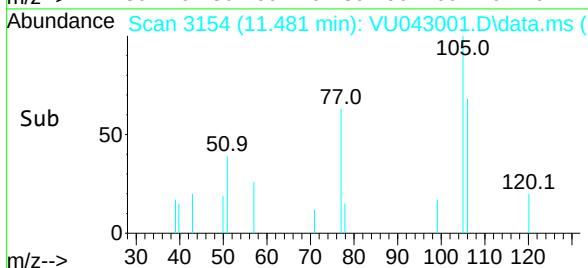
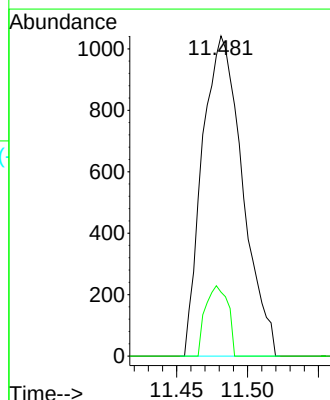
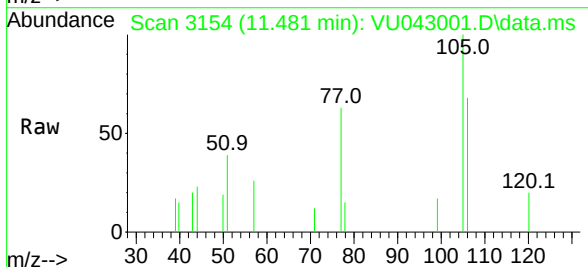
Instrument :
 MSVOA_U
 ClientSampleId :
 GWBR3-200-220-040721

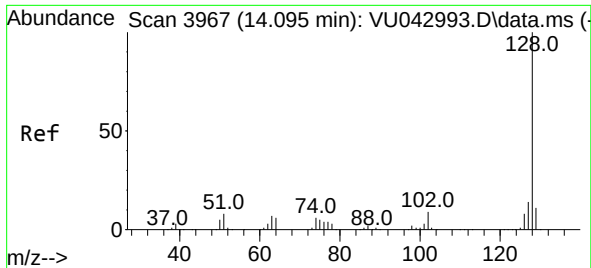
Tgt Ion:152 Resp: 97855
 Ion Ratio Lower Upper
 152 100
 115 58.3 42.8 128.3
 150 155.6 0.0 347.6



#84
 1,2,4-Trimethylbenzene
 Concen: 0.36 ug/l
 RT: 11.481 min Scan# 3154
 Delta R.T. 0.007 min
 Lab File: VU043001.D
 Acq: 09 Apr 2021 14:46

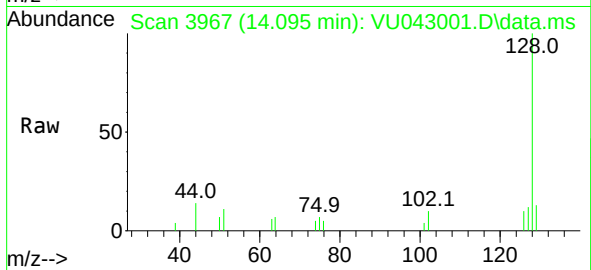
Tgt Ion:105 Resp: 2053
 Ion Ratio Lower Upper
 105 100
 120 12.2 21.9 65.8#





#95
Naphthalene
Concen: 3.94 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.000 min
Lab File: VU043001.D
Acq: 09 Apr 2021 14:46

Instrument :
MSVOA_U
ClientSampleId :
GWBR3-200-220-040721



Tgt Ion:128 Resp: 5510
Ion Ratio Lower Upper
128 100
127 6.0 11.0 16.4#
129 9.9 8.7 13.1

