

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033021\
 Data File : VX021628.D
 Acq On : 30 Mar 2021 14:48
 Operator : JC/MD
 Sample : M1867-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GWBR2-95-105-032921

Quant Time: Mar 31 04:58:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 24 12:25:26 2021
 Response via : Initial Calibration

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

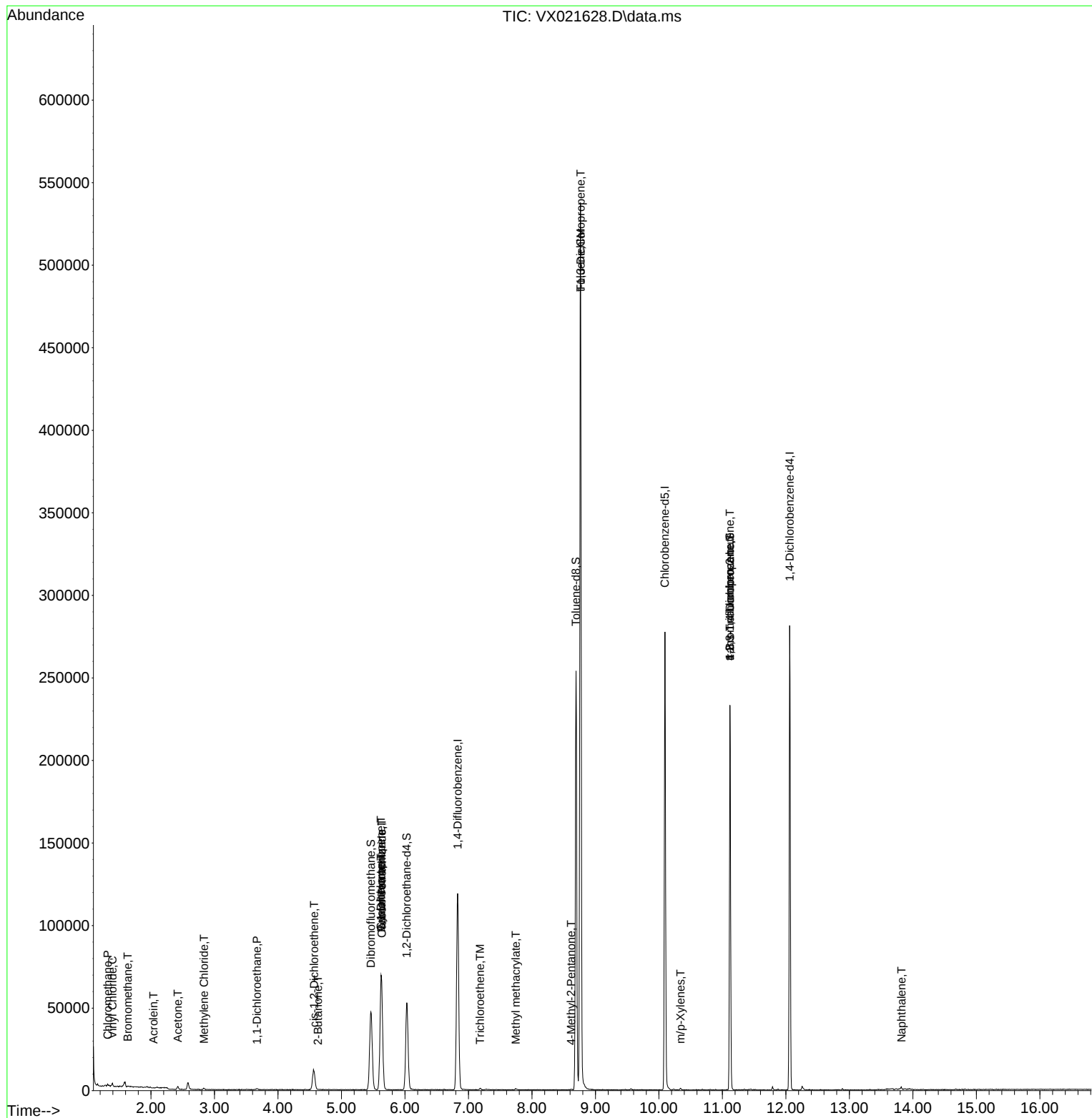
Internal Standards						
1) Pentafluorobenzene	5.629	168	61766	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	111450	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	114957	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	52621	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	52701	51.28	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.56%	
35) Dibromofluoromethane	5.464	113	39697	50.14	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.28%	
50) Toluene-d8	8.694	98	140769	49.90	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.80%	
62) 4-Bromofluorobenzene	11.118	95	58586	53.42	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 106.84%	
Target Compounds						
						Qvalue
3) Chloromethane	1.317	50	1586	2.07	ug/l	# 77
4) Vinyl Chloride	1.393	62	875	1.26	ug/l	93
5) Bromomethane	1.634	94	97	0.35	ug/l	96
13) Acrolein	2.040	56	19	4.52	ug/l	# 14
16) Acetone	2.423	43	1924	4.95	ug/l	94
20) Methylene Chloride	2.834	84	338	0.45	ug/l	# 71
24) 1,1-Dichloroethane	3.670	63	866	0.65	ug/l	# 85
25) 2-Butanone	4.629	43	185	0.31	ug/l	# 45
27) cis-1,2-Dichloroethene	4.570	96	7215	9.09	ug/l	97
31) Cyclohexane	5.623	56	1694	1.50	ug/l	# 23
36) 1,1-Dichloropropene	5.623	75	5514	5.05	ug/l	# 49
38) Carbon Tetrachloride	5.635	117	6781	5.78	ug/l	# 16
44) Trichloroethene	7.182	130	255	0.31	ug/l	85
48) Methyl methacrylate	7.747	41	382	0.35	ug/l	# 71
51) 4-Methyl-2-Pentanone	8.618	43	269	0.21	ug/l	# 55
52) Toluene	8.765	92	187681	97.99	ug/l	97
53) t-1,3-Dichloropropene	8.765	75	2726	2.17	ug/l	# 1
68) m/p-Xylenes	10.341	106	312	0.21	ug/l	86
76) 1,2,3-Trichloropropane	11.118	75	32312	26.38	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.118	75	32312	80.34	ug/l	# 12
95) Naphthalene	13.818	128	1040	0.30	ug/l	98

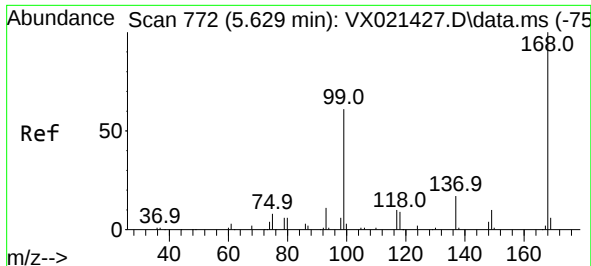
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_X
ClientSampleId :
GWBR2-95-105-032921

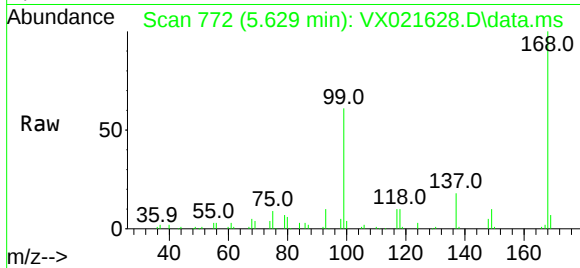
Quant Time: Mar 31 04:58:16 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 24 12:25:26 2021
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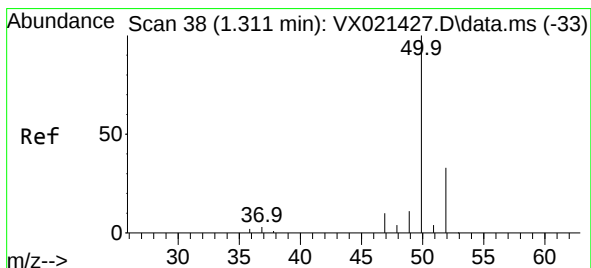
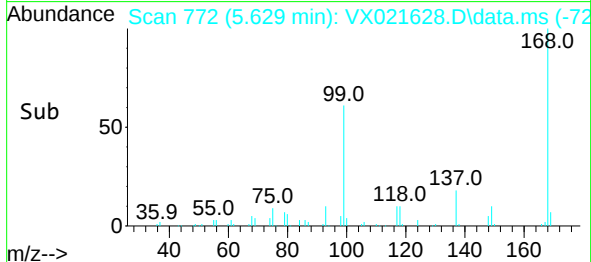
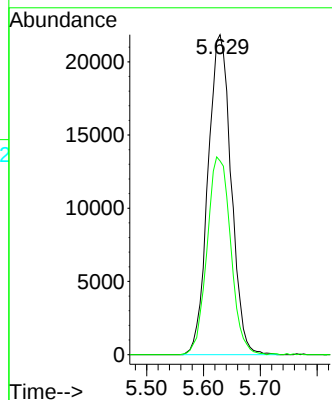


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.000 min
Lab File: VX021628.D
Acq: 30 Mar 2021 14:48

Instrument :
MSVOA_X
ClientSampleId :
GWBR2-95-105-032921

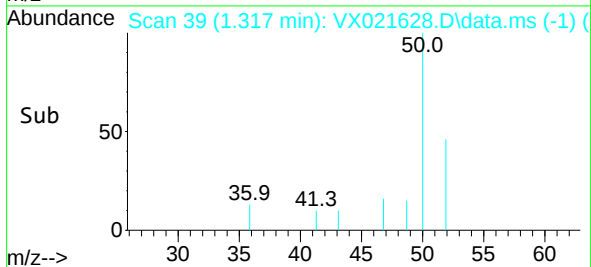
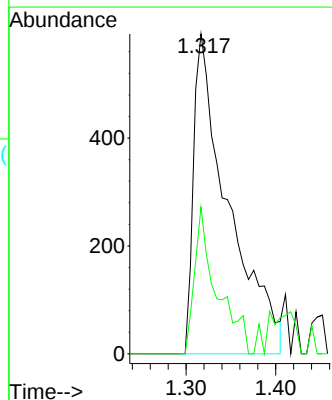
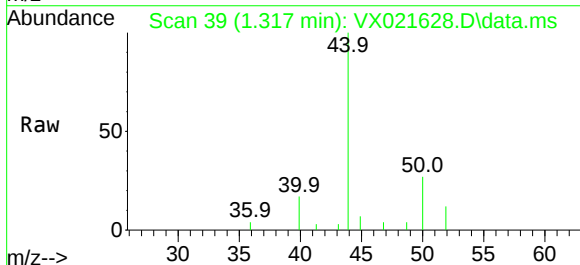


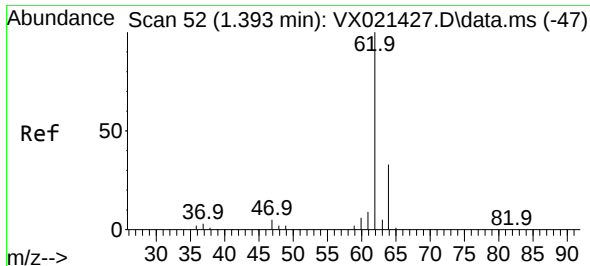
Tgt Ion:168 Resp: 61766
Ion Ratio Lower Upper
168 100
99 60.6 45.8 68.6



#3
Chloromethane
Concen: 2.07 ug/l
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021628.D
Acq: 30 Mar 2021 14:48

Tgt Ion: 50 Resp: 1586
Ion Ratio Lower Upper
50 100
52 45.9 26.4 39.6#

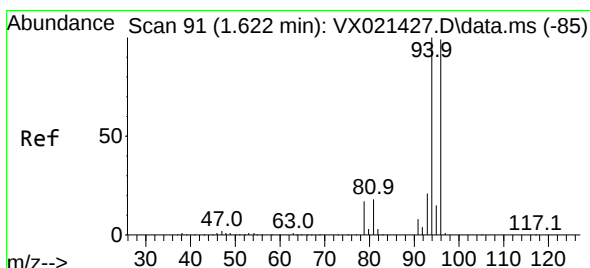
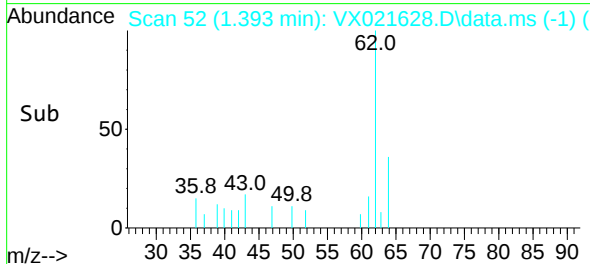
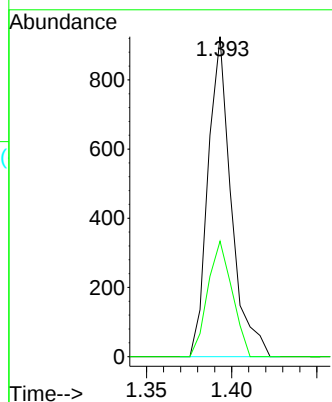
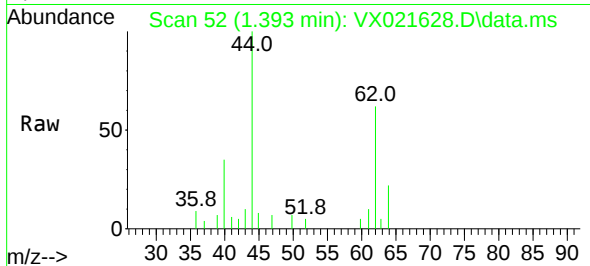




#4
 Vinyl Chloride
 Concen: 1.26 ug/l
 RT: 1.393 min Scan# 52
 Delta R.T. 0.000 min
 Lab File: VX021628.D
 Acq: 30 Mar 2021 14:48

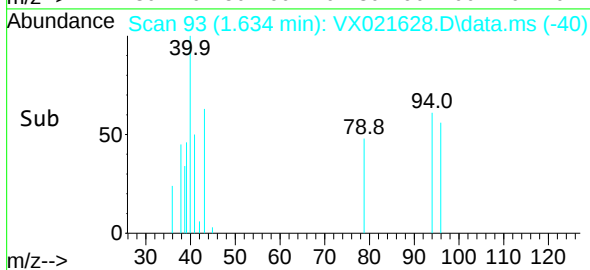
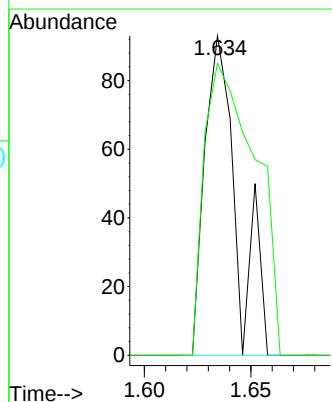
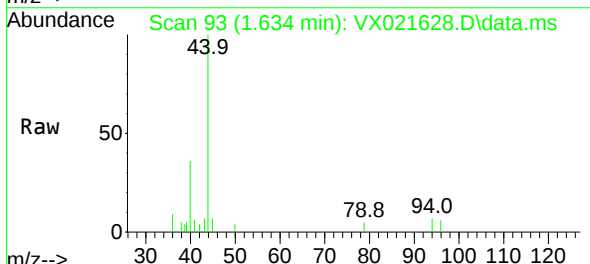
Instrument :
 MSVOA_X
 ClientSampleId :
 GWBR2-95-105-032921

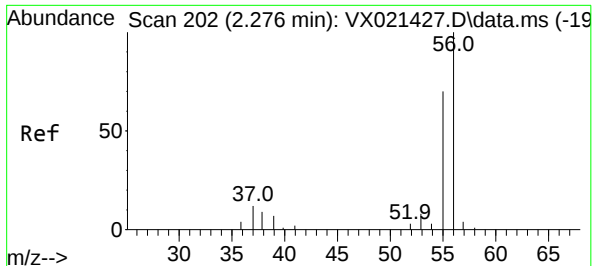
Tgt Ion: 62 Resp: 875
 Ion Ratio Lower Upper
 62 100
 64 36.1 25.7 38.5



#5
 Bromomethane
 Concen: 0.35 ug/l
 RT: 1.634 min Scan# 93
 Delta R.T. 0.012 min
 Lab File: VX021628.D
 Acq: 30 Mar 2021 14:48

Tgt Ion: 94 Resp: 97
 Ion Ratio Lower Upper
 94 100
 96 91.4 76.4 114.6

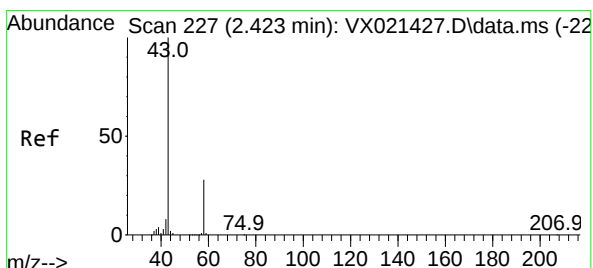
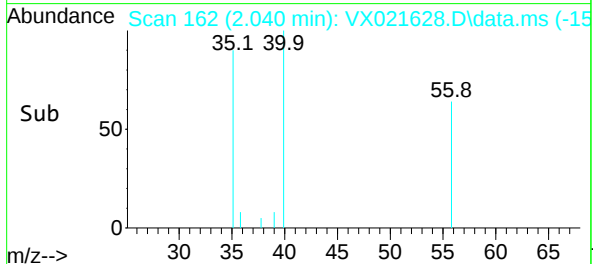
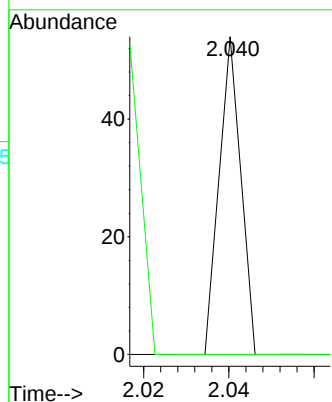
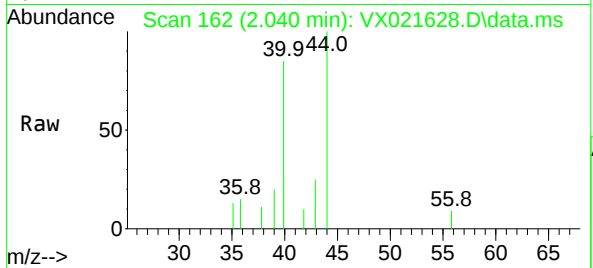




#13
Acrolein
Concen: 4.52 ug/l
RT: 2.040 min Scan# 162
Delta R.T. -0.236 min
Lab File: VX021628.D
Acq: 30 Mar 2021 14:48

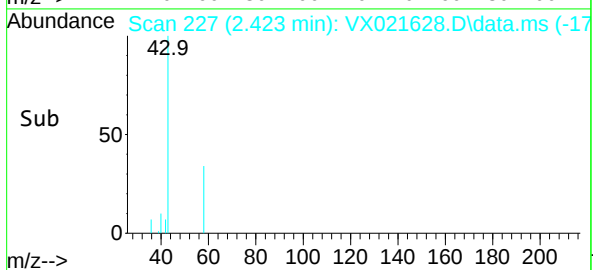
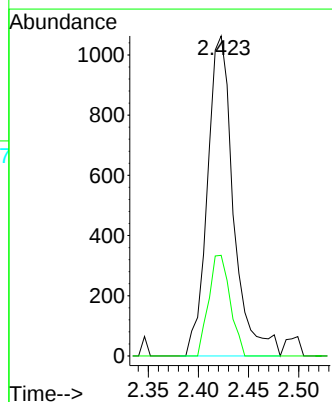
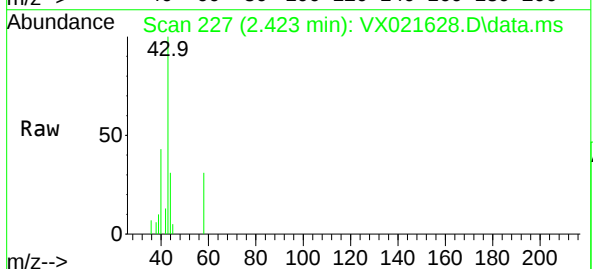
Instrument :
MSVOA_X
ClientSampleId :
GWBR2-95-105-032921

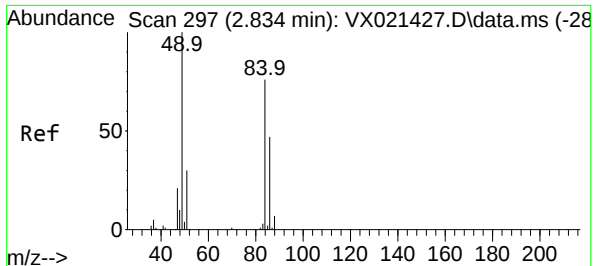
Tgt Ion: 56 Resp: 19
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: 4.95 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021628.D
Acq: 30 Mar 2021 14:48

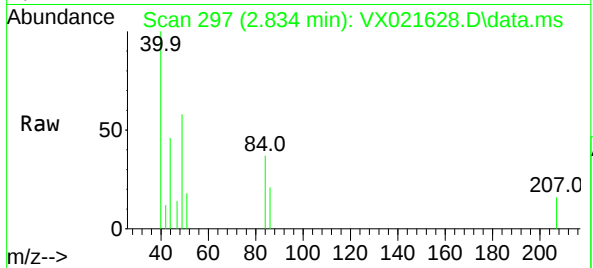
Tgt Ion: 43 Resp: 1924
Ion Ratio Lower Upper
43 100
58 31.4 27.8 41.8



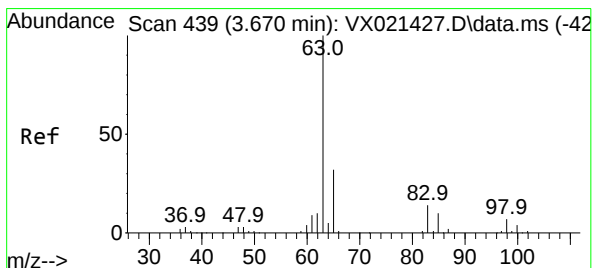
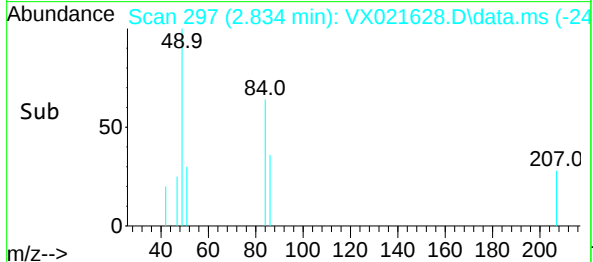
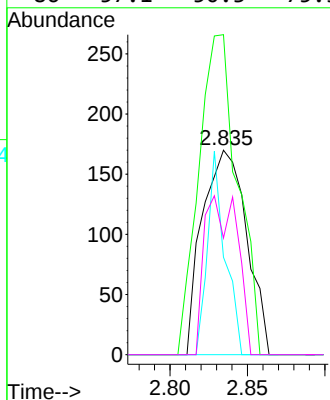


#20
Methylene Chloride
Concen: 0.45 ug/l
RT: 2.834 min Scan# 297
Delta R.T. 0.000 min
Lab File: VX021628.D
Acq: 30 Mar 2021 14:48

Instrument :
MSVOA_X
ClientSampleId :
GWBR2-95-105-032921

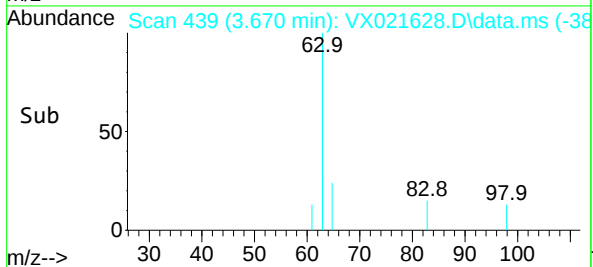
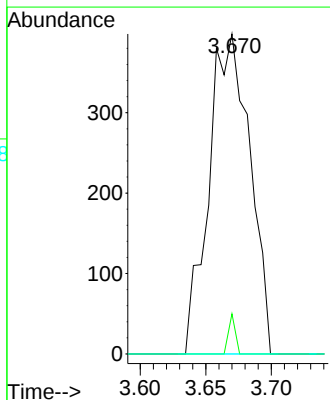
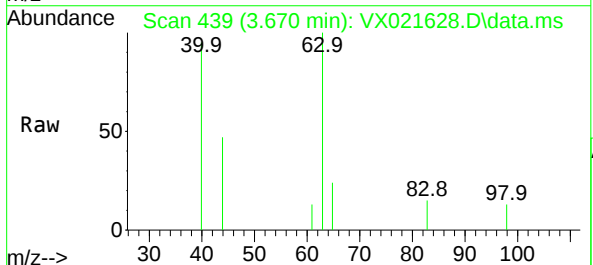


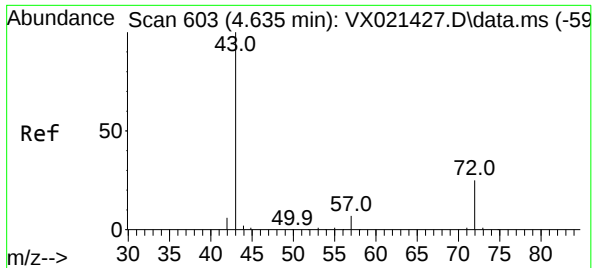
Tgt Ion:	84	Resp:	338
Ion	Ratio	Lower	Upper
84	100		
49	156.5	88.6	132.8#
51	47.6	27.0	40.6#
86	57.1	50.3	75.5



#24
1,1-Dichloroethane
Concen: 0.65 ug/l
RT: 3.670 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX021628.D
Acq: 30 Mar 2021 14:48

Tgt Ion:	63	Resp:	866
Ion	Ratio	Lower	Upper
63	100		
98	12.6	3.8	11.2#
100	0.0	2.5	7.5#

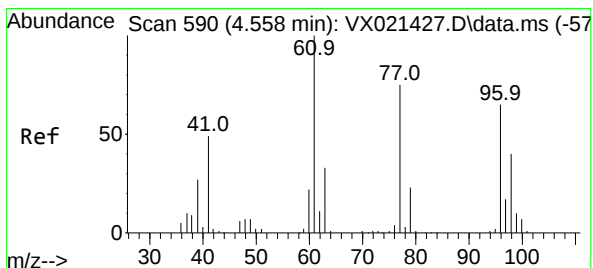
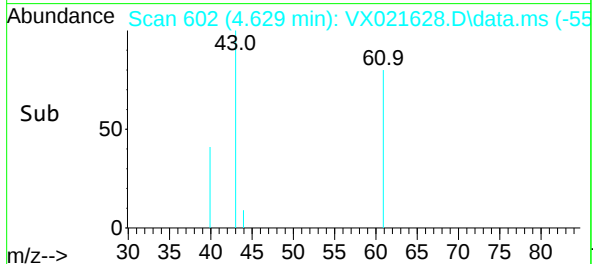
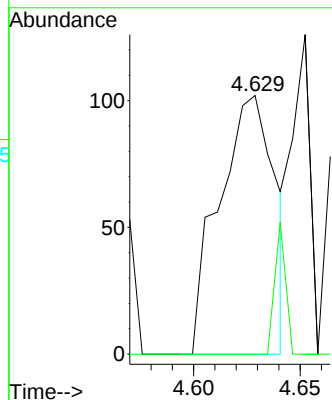
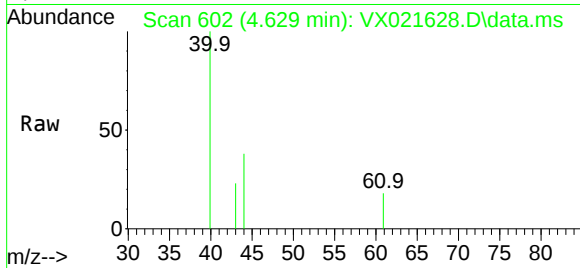




#25
2-Butanone
Concen: 0.31 ug/l
RT: 4.629 min Scan# 602
Delta R.T. -0.006 min
Lab File: VX021628.D
Acq: 30 Mar 2021 14:48

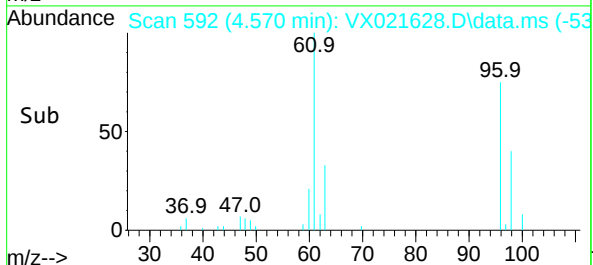
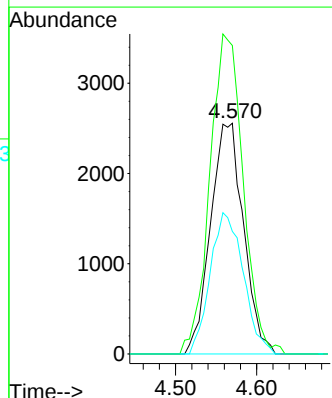
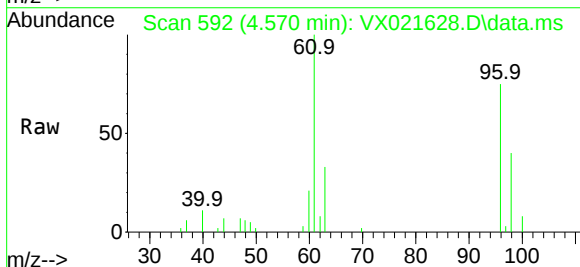
Instrument :
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ClientSampleId :
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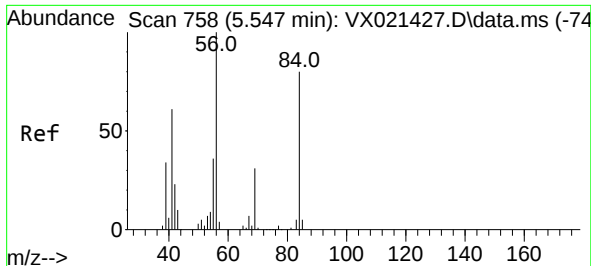
Tgt Ion: 43 Resp: 185
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#27
cis-1,2-Dichloroethene
Concen: 9.09 ug/l
RT: 4.570 min Scan# 592
Delta R.T. 0.012 min
Lab File: VX021628.D
Acq: 30 Mar 2021 14:48

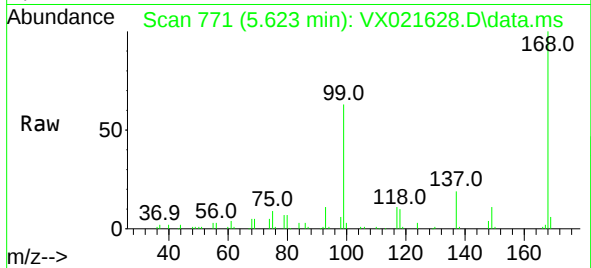
Tgt Ion: 96 Resp: 7215
Ion Ratio Lower Upper
96 100
61 140.0 0.0 285.6
98 61.4 0.0 129.6



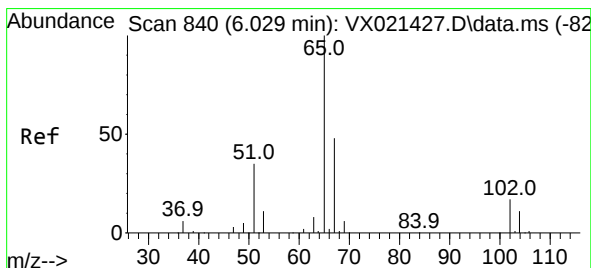
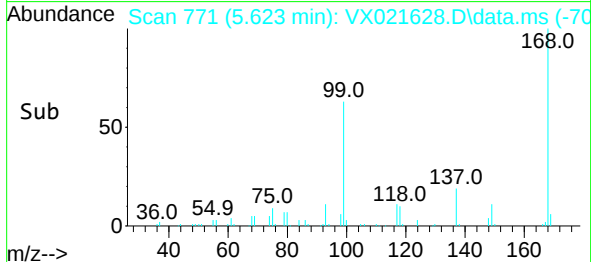
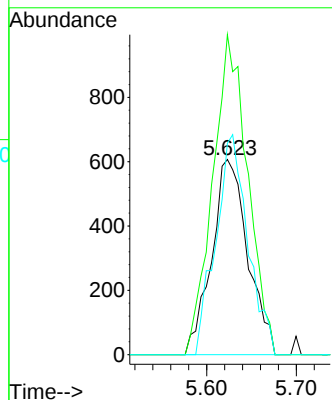


#31
Cyclohexane
Concen: 1.50 ug/l
RT: 5.623 min Scan# 771
Delta R.T. 0.076 min
Lab File: VX021628.D
Acq: 30 Mar 2021 14:48

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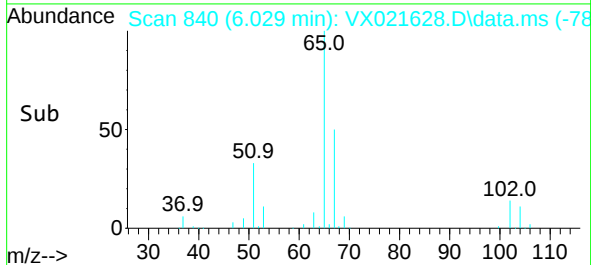
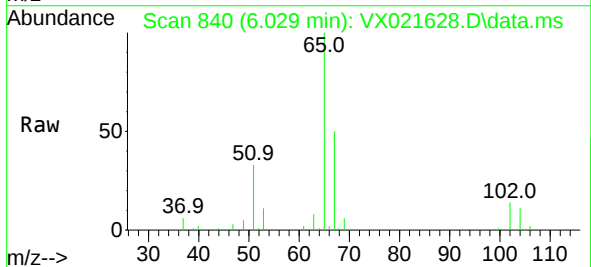
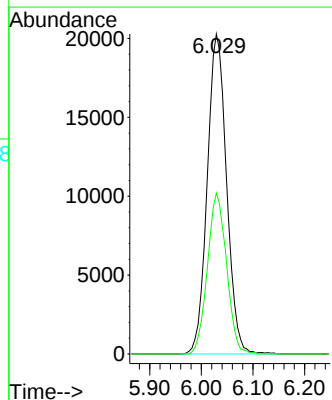


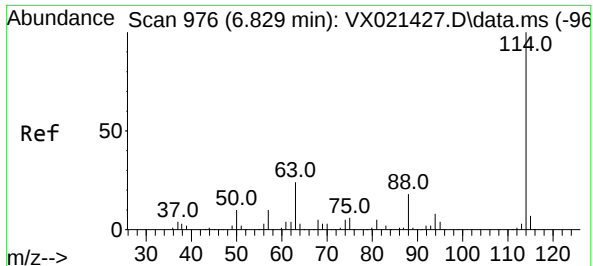
Tgt Ion: 56 Resp: 1694
Ion Ratio Lower Upper
56 100
69 163.9 25.3 37.9#
84 108.2 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 51.28 ug/l
RT: 6.029 min Scan# 840
Delta R.T. 0.000 min
Lab File: VX021628.D
Acq: 30 Mar 2021 14:48

Tgt Ion: 65 Resp: 52701
Ion Ratio Lower Upper
65 100
67 49.6 0.0 105.4

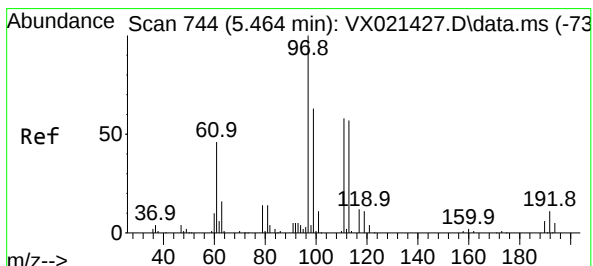
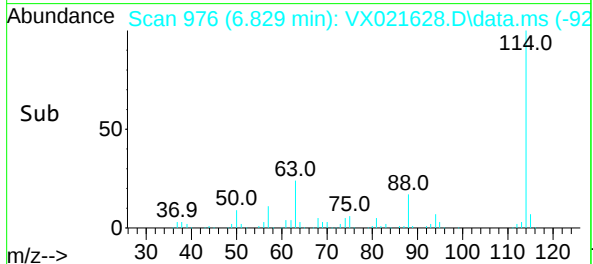
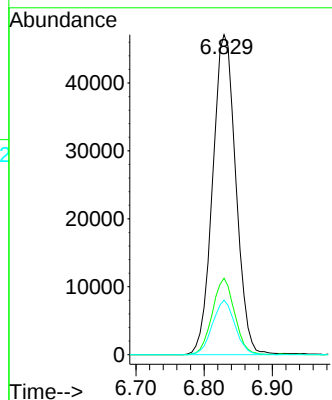
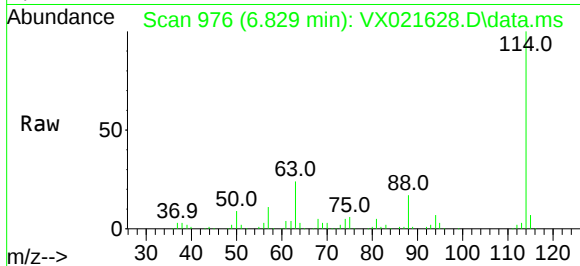




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. 0.000 min
Lab File: VX021628.D
Acq: 30 Mar 2021 14:48

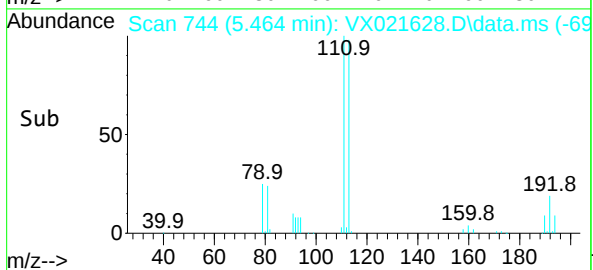
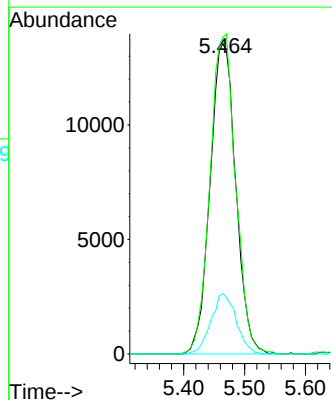
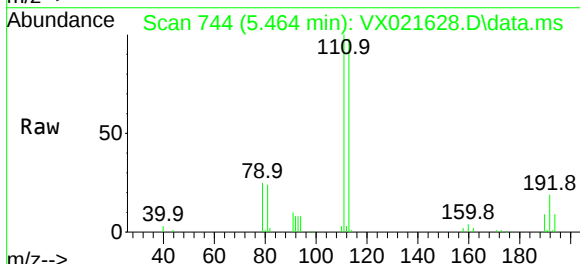
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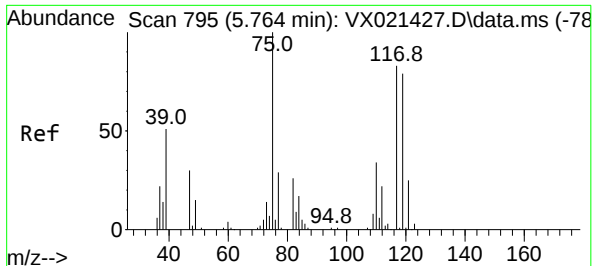
Tgt Ion:114 Resp: 111450
Ion Ratio Lower Upper
114 100
63 23.9 0.0 40.8
88 17.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.14 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021628.D
Acq: 30 Mar 2021 14:48

Tgt Ion:113 Resp: 39697
Ion Ratio Lower Upper
113 100
111 102.8 81.9 122.9
192 19.1 16.7 25.1





#36

1,1-Dichloropropene

Concen: 5.05 ug/l

RT: 5.623 min Scan# 771

Delta R.T. -0.141 min

Lab File: VX021628.D

Acq: 30 Mar 2021 14:48

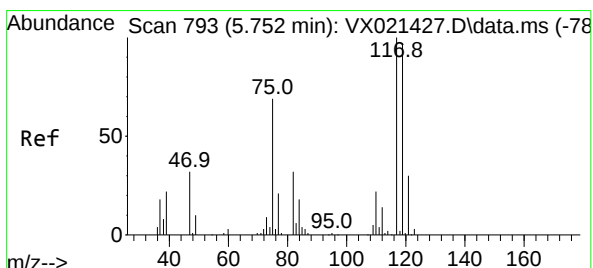
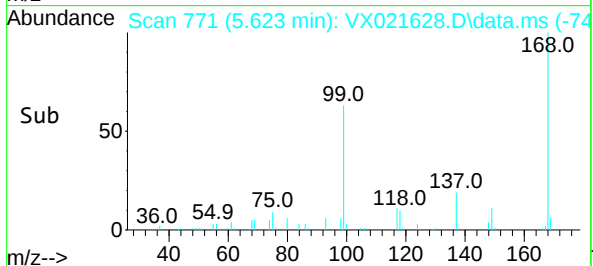
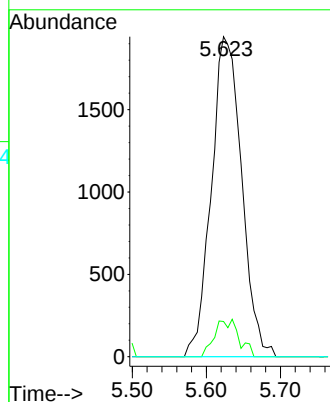
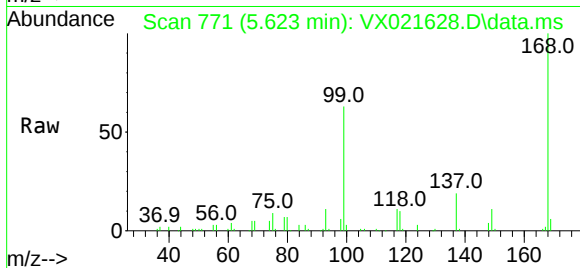
Tgt Ion:	75	Resp:	5514
Ion	Ratio	Lower	Upper
75	100		
110	9.4	18.1	54.4#
77	0.0	25.3	37.9#

Instrument :

MSVOA_X

ClientSampleId :

GWBR2-95-105-032921



#38

Carbon Tetrachloride

Concen: 5.78 ug/l

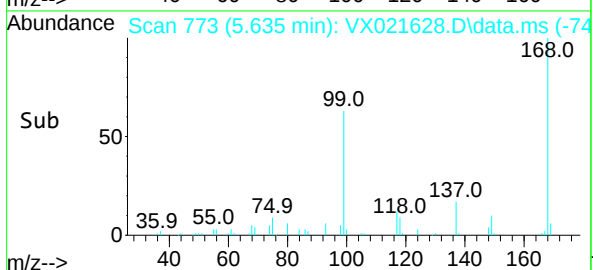
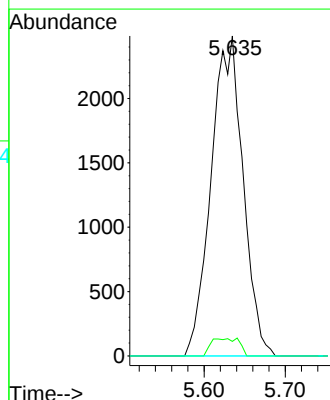
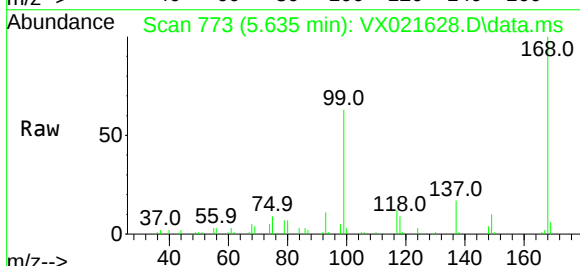
RT: 5.635 min Scan# 773

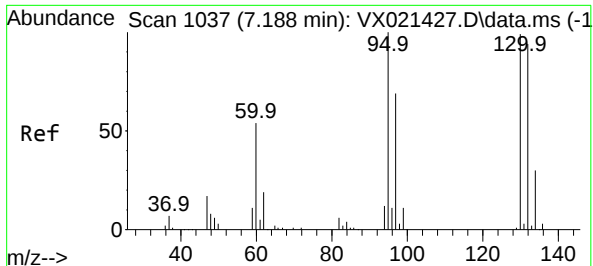
Delta R.T. -0.117 min

Lab File: VX021628.D

Acq: 30 Mar 2021 14:48

Tgt Ion:	117	Resp:	6781
Ion	Ratio	Lower	Upper
117	100		
119	4.5	76.2	114.2#
121	0.0	24.8	37.2#

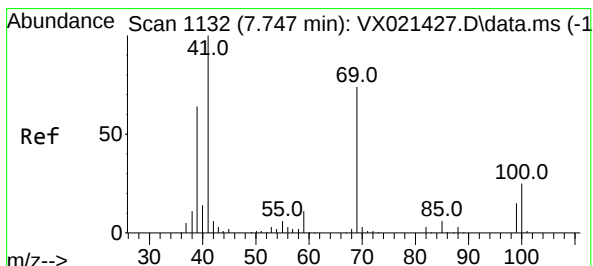
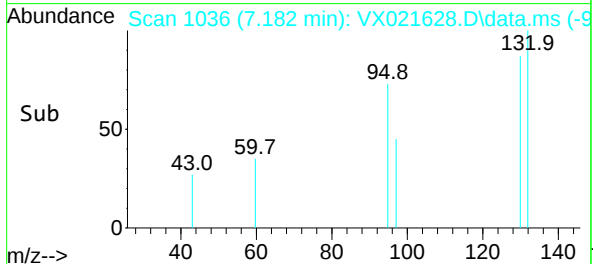
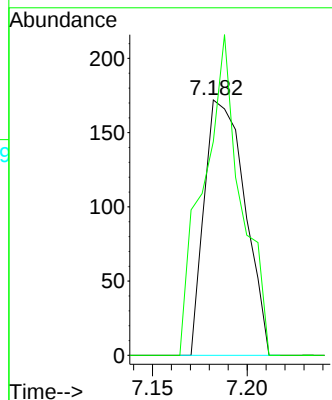
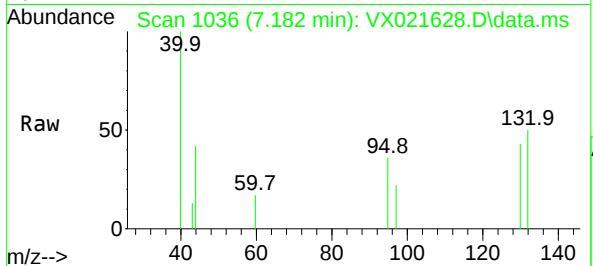




#44
Trichloroethene
Concen: 0.31 ug/l
RT: 7.182 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VX021628.D
Acq: 30 Mar 2021 14:48

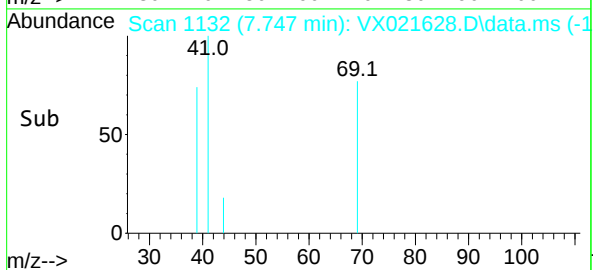
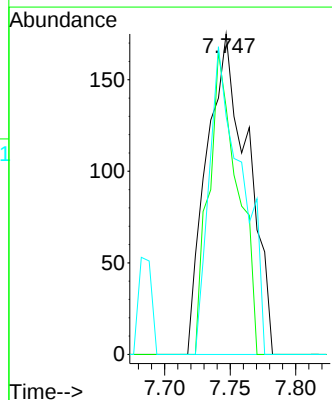
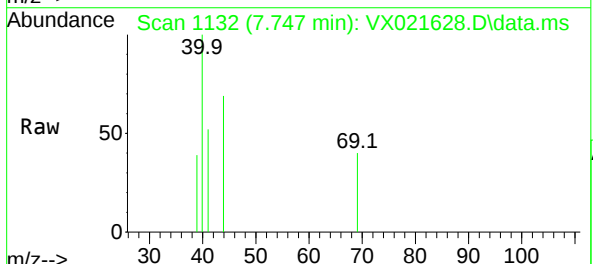
Instrument :
MSVOA_X
ClientSampleId :
GWBR2-95-105-032921

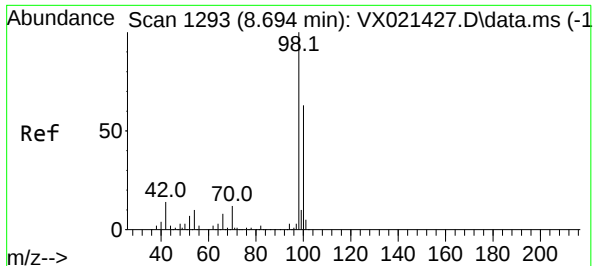
Tgt Ion:130 Resp: 255
Ion Ratio Lower Upper
130 100
95 83.7 0.0 198.0



#48
Methyl methacrylate
Concen: 0.35 ug/l
RT: 7.747 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VX021628.D
Acq: 30 Mar 2021 14:48

Tgt Ion: 41 Resp: 382
Ion Ratio Lower Upper
41 100
69 66.8 76.0 114.0#
39 76.4 44.6 67.0#

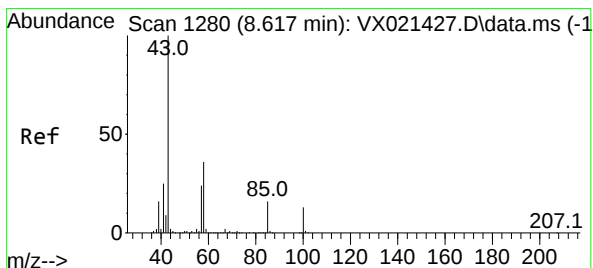
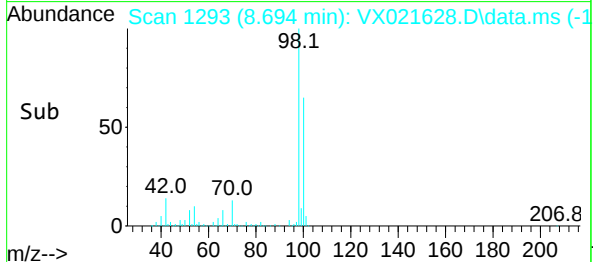
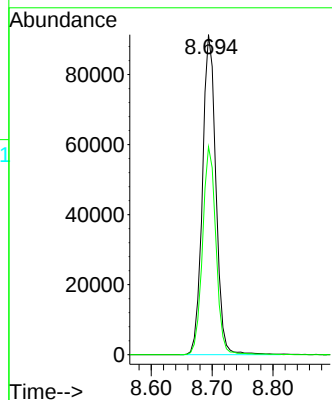
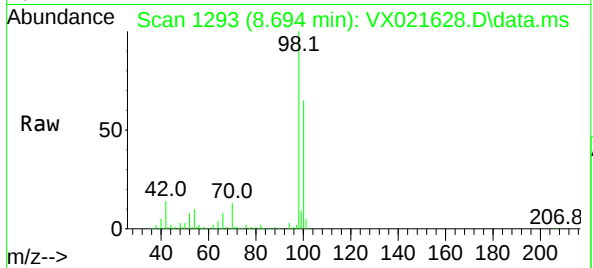




#50
Toluene-d8
Concen: 49.90 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021628.D
Acq: 30 Mar 2021 14:48

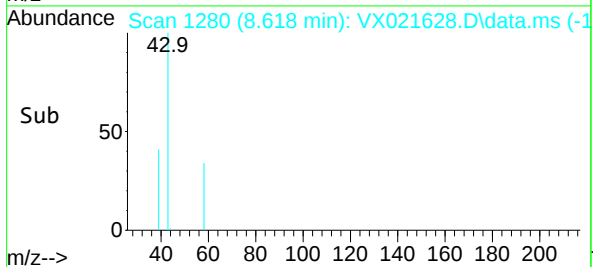
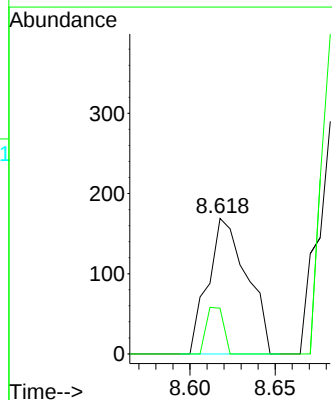
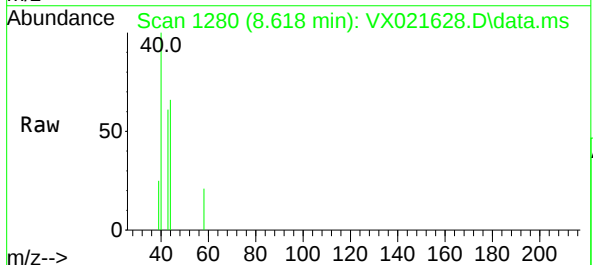
Instrument :
MSVOA_X
ClientSampleId :
GWBR2-95-105-032921

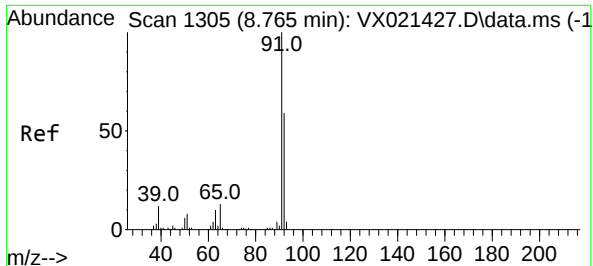
Tgt Ion: 98 Resp: 140769
Ion Ratio Lower Upper
98 100
100 64.7 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.21 ug/l
RT: 8.618 min Scan# 1280
Delta R.T. 0.001 min
Lab File: VX021628.D
Acq: 30 Mar 2021 14:48

Tgt Ion: 43 Resp: 269
Ion Ratio Lower Upper
43 100
58 15.2 35.4 53.0#

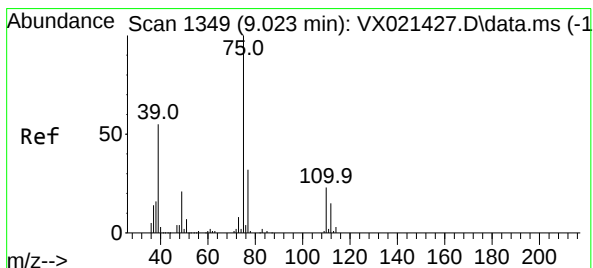
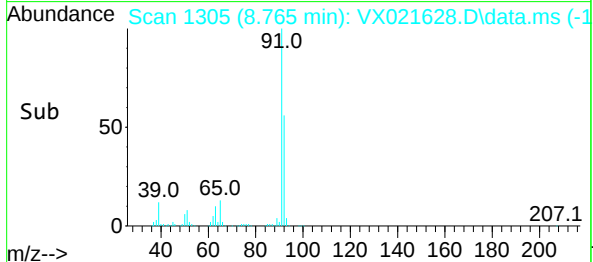
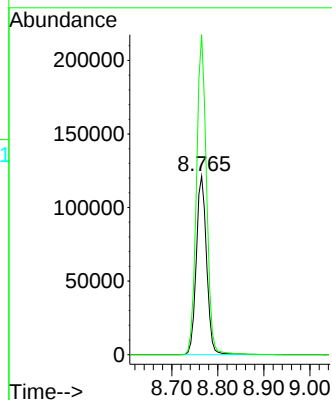
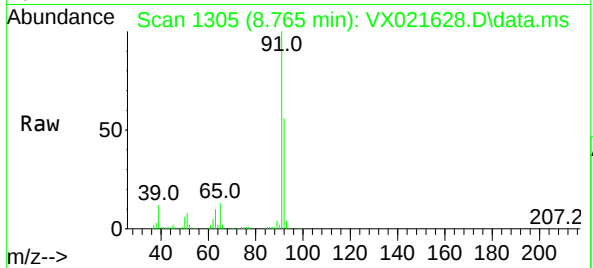




#52
Toluene
Concen: 97.99 ug/l
RT: 8.765 min Scan# 1305
Delta R.T. -0.000 min
Lab File: VX021628.D
Acq: 30 Mar 2021 14:48

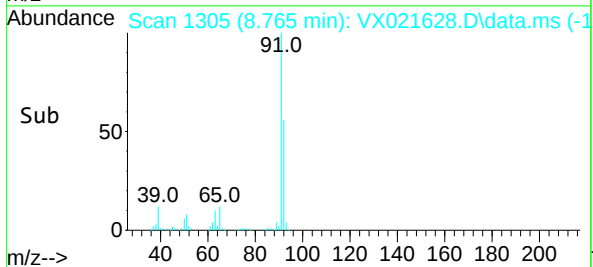
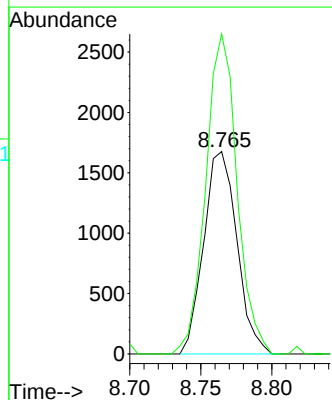
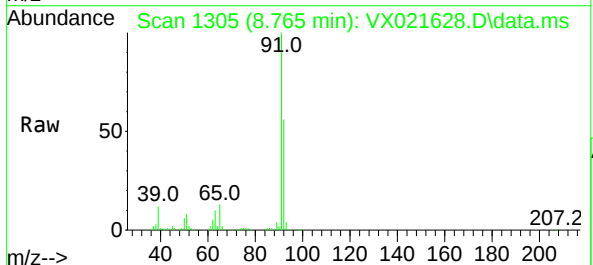
Instrument :
MSVOA_X
ClientSampleId :
GWBR2-95-105-032921

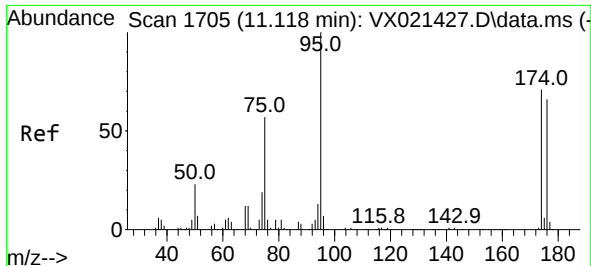
Tgt Ion: 92 Resp: 187681
Ion Ratio Lower Upper
92 100
91 175.3 137.1 205.7



#53
t-1,3-Dichloropropene
Concen: 2.17 ug/l
RT: 8.765 min Scan# 1305
Delta R.T. -0.258 min
Lab File: VX021628.D
Acq: 30 Mar 2021 14:48

Tgt Ion: 75 Resp: 2726
Ion Ratio Lower Upper
75 100
77 158.1 24.9 37.3#

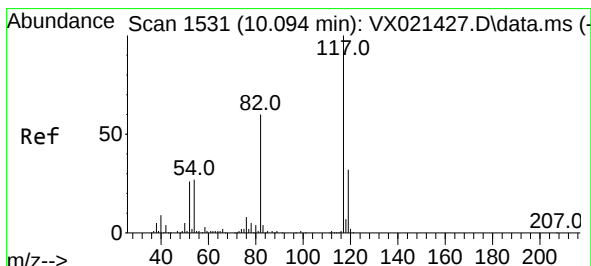
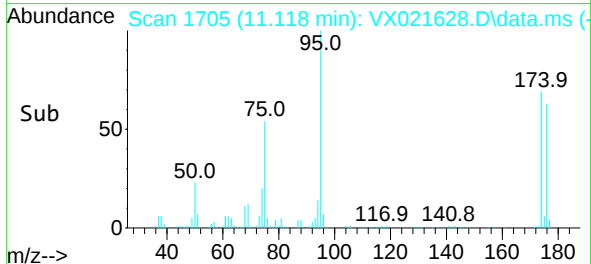
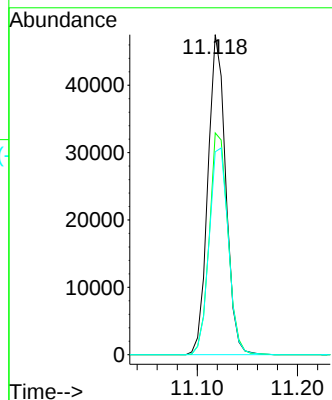
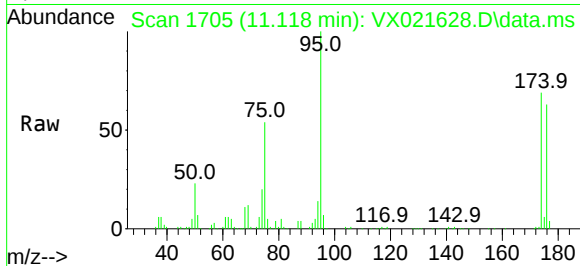




#62
4-Bromofluorobenzene
Concen: 53.42 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021628.D
Acq: 30 Mar 2021 14:48

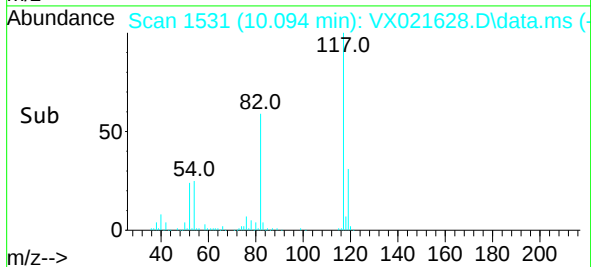
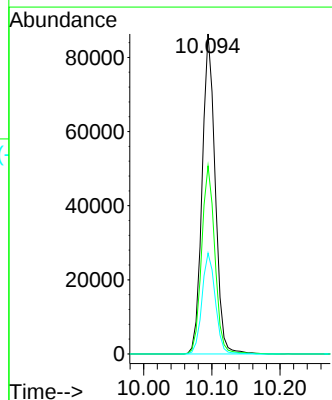
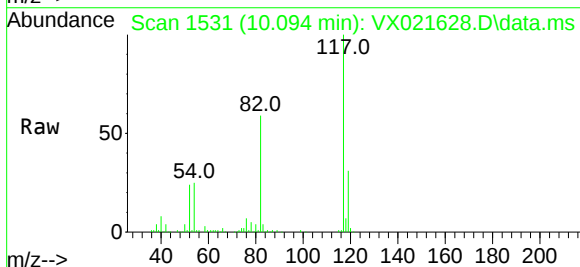
Instrument :
MSVOA_X
ClientSampleId :
GWBR2-95-105-032921

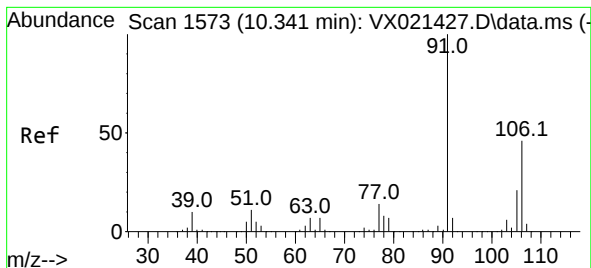
Tgt Ion: 95 Resp: 58586
Ion Ratio Lower Upper
95 100
174 72.6 0.0 154.6
176 69.7 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021628.D
Acq: 30 Mar 2021 14:48

Tgt Ion: 117 Resp: 114957
Ion Ratio Lower Upper
117 100
82 58.8 47.4 71.2
119 31.5 26.6 39.8

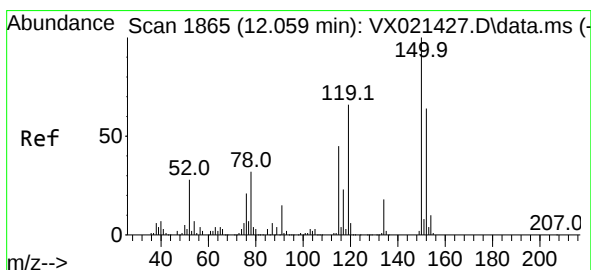
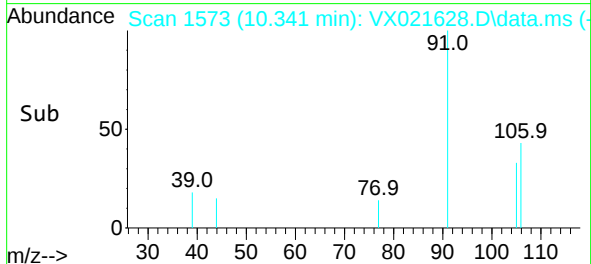
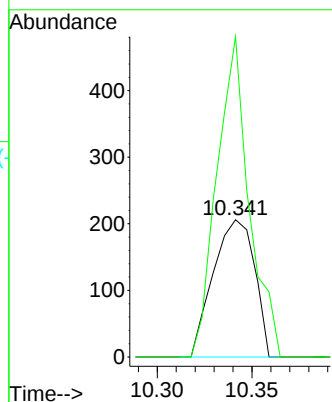
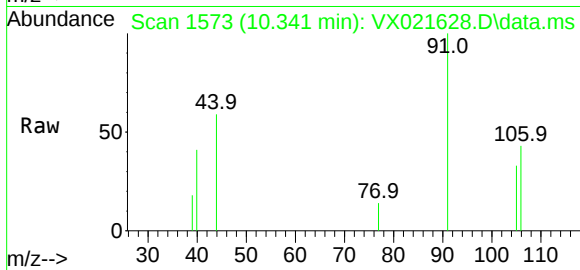




#68
m/p-Xylenes
Concen: 0.21 ug/l
RT: 10.341 min Scan# 1573
Delta R.T. 0.000 min
Lab File: VX021628.D
Acq: 30 Mar 2021 14:48

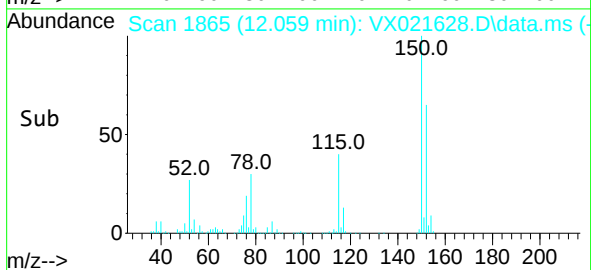
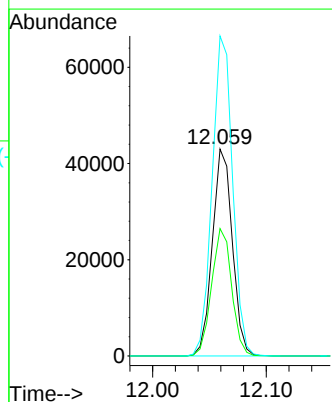
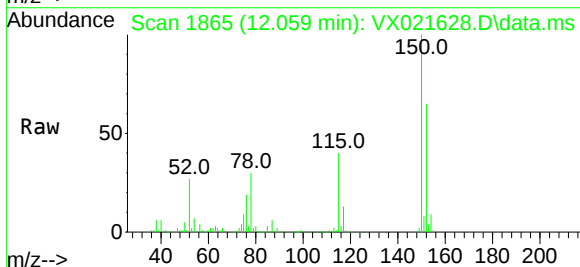
Instrument :
MSVOA_X
ClientSampleId :
GWBR2-95-105-032921

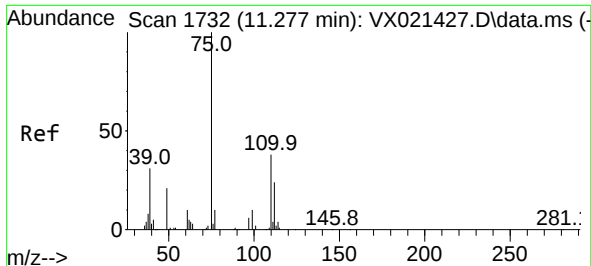
Tgt Ion:106 Resp: 312
Ion Ratio Lower Upper
106 100
91 182.4 162.8 244.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021628.D
Acq: 30 Mar 2021 14:48

Tgt Ion:152 Resp: 52621
Ion Ratio Lower Upper
152 100
115 61.7 41.1 123.3
150 158.2 0.0 349.0

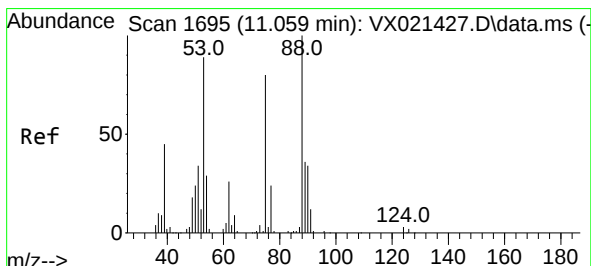
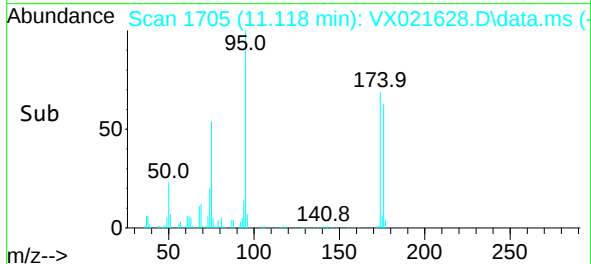
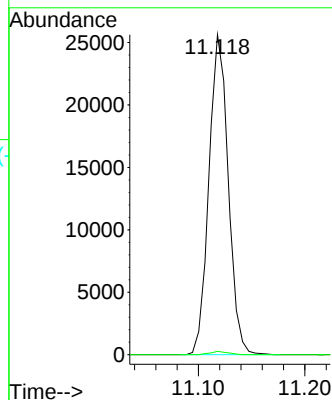
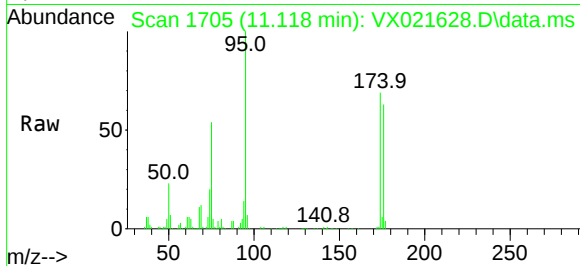




#76
1,2,3-Trichloropropane
Concen: 26.38 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021628.D
Acq: 30 Mar 2021 14:48

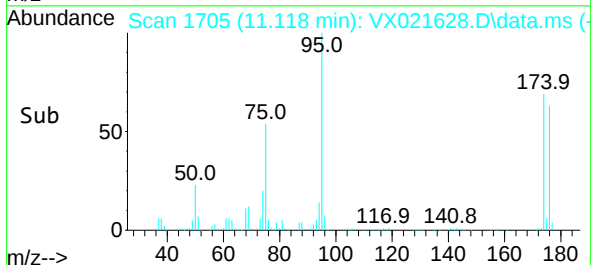
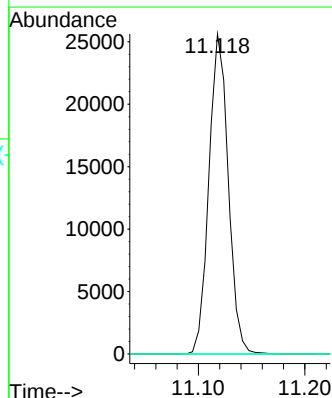
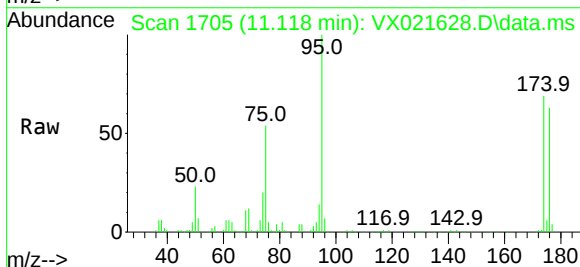
Instrument :
MSVOA_X
ClientSampleId :
GWBR2-95-105-032921

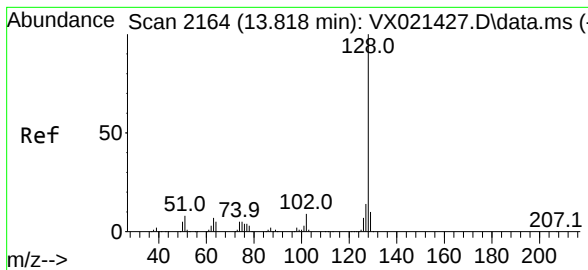
Tgt Ion: 75 Resp: 32312
Ion Ratio Lower Upper
75 100
77 0.9 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 80.34 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021628.D
Acq: 30 Mar 2021 14:48

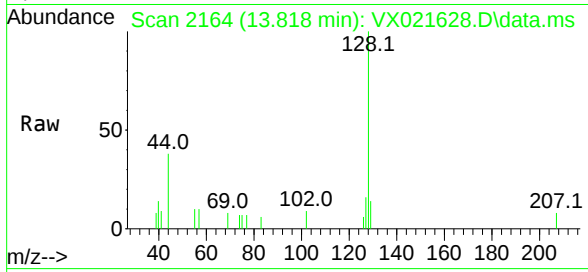
Tgt Ion: 75 Resp: 32312
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 0.30 ug/l
RT: 13.818 min Scan# 2164
Delta R.T. 0.000 min
Lab File: VX021628.D
Acq: 30 Mar 2021 14:48

Instrument :
MSVOA_X
ClientSampleId :
GWBR2-95-105-032921



Tgt Ion:	128	Resp:	1040
Ion	Ratio	Lower	Upper
128	100		
127	11.6	10.3	15.5
129	11.0	8.8	13.2

