

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122920\
 Data File : VX020440.D
 Acq On : 29 Dec 2020 17:30
 Operator : JC/MD
 Sample : L5236-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1024-MW-19(28)

Quant Time: Dec 30 02:38:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 18 13:09:49 2020
 Response via : Initial Calibration

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

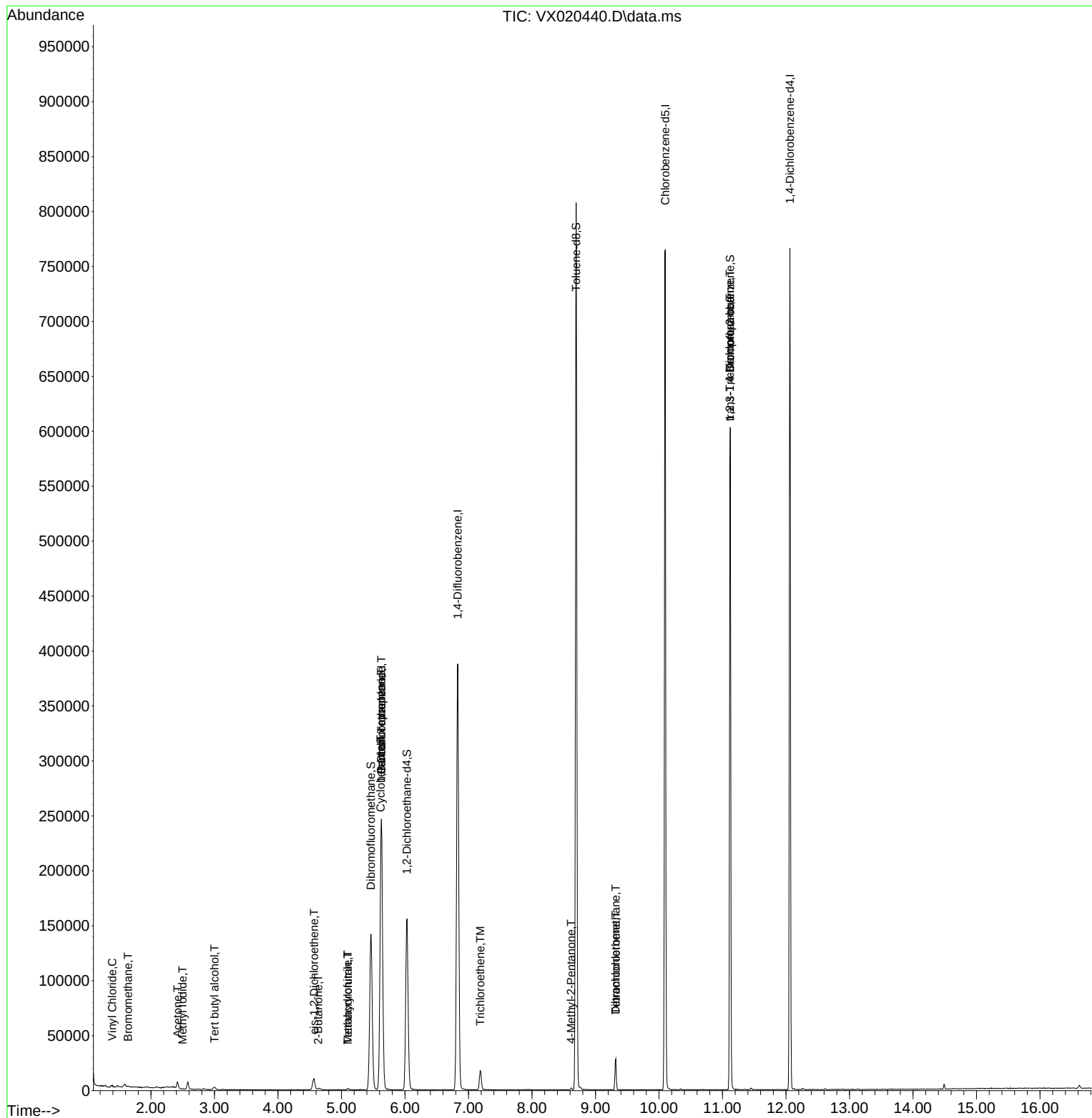
Internal Standards						
1) Pentafluorobenzene	5.629	168	242331	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	396094	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	371823	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	158824	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	146394	45.07	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	90.14%		
35) Dibromofluoromethane	5.465	113	125328	49.46	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.92%		
50) Toluene-d8	8.696	98	480436	49.26	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.52%		
62) 4-Bromofluorobenzene	11.122	95	170850	45.77	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	91.54%		
Target Compounds						
						Qvalue
4) Vinyl Chloride	1.392	62	742	0.22	ug/l	93
5) Bromomethane	1.636	94	370	0.35	ug/l	91
10) Methyl Iodide	2.496	142	74	3.31	ug/l #	72
11) Tert butyl alcohol	3.002	59	2483	3.41	ug/l #	80
16) Acetone	2.416	43	6426	4.34	ug/l	98
25) 2-Butanone	4.635	43	1122	0.52	ug/l	99
27) cis-1,2-Dichloroethene	4.568	96	6862	2.02	ug/l	89
29) Tetrahydrofuran	5.099	42	882	0.65	ug/l #	70
31) Cyclohexane	5.617	56	4093	0.91	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	17729	4.53	ug/l #	48
38) Carbon Tetrachloride	5.629	117	23100	6.20	ug/l #	18
41) Methacrylonitrile	5.099	41	461	0.21	ug/l #	21
44) Trichloroethene	7.184	130	7160	2.27	ug/l	92
51) 4-Methyl-2-Pentanone	8.616	43	1161	0.29	ug/l #	86
60) Dibromochloromethane	9.317	129	5314	1.75	ug/l #	11
64) Tetrachloroethene	9.317	164	5584	1.99	ug/l	97
76) 1,2,3-Trichloropropane	11.116	75	79563	20.34	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.116	75	79563	60.34	ug/l #	12

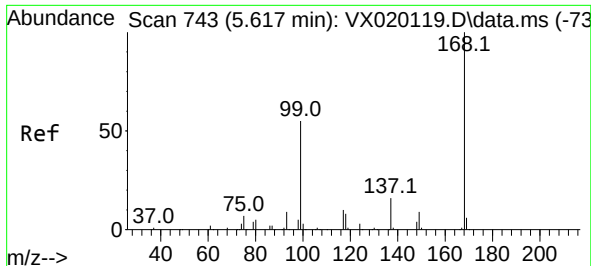
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 30 02:38:57 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 18 13:09:49 2020
Response via : Initial Calibration

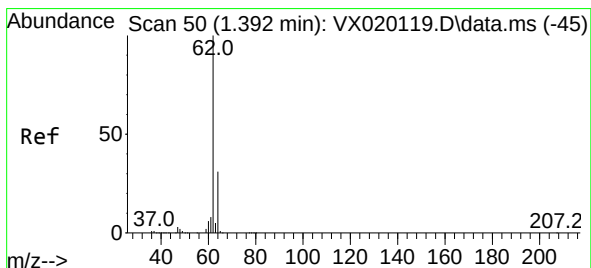
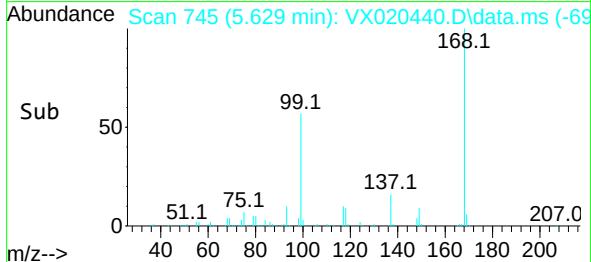
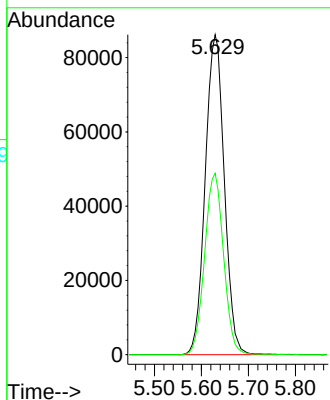
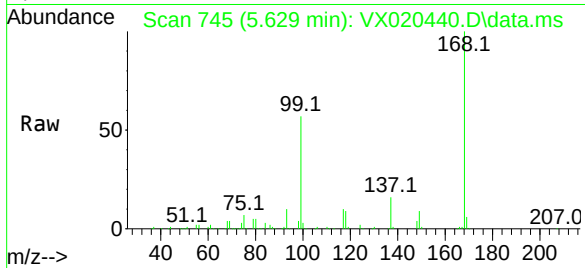




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020440.D
Acq: 29 Dec 2020 17:30

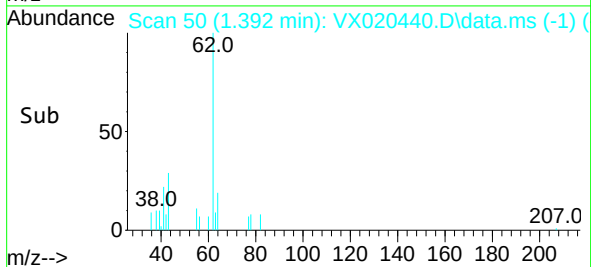
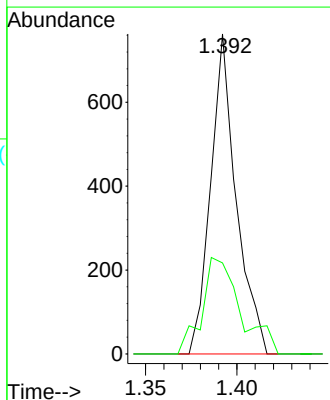
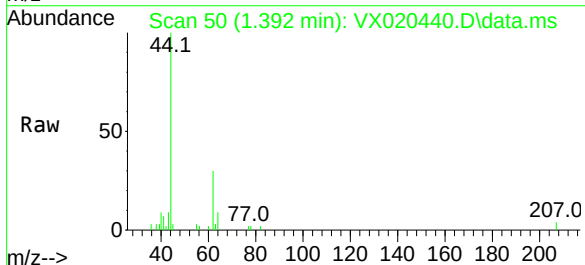
Instrument :
MSVOA_X
ClientSampleId :
1024-MW-19(28)

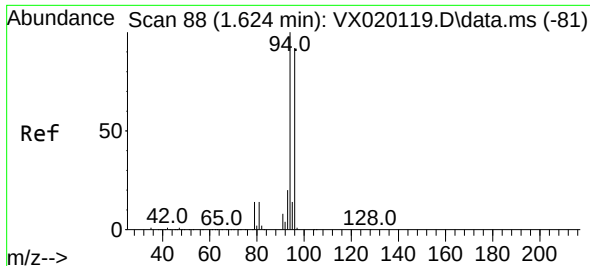
Tgt Ion:168 Resp: 242331
Ion Ratio Lower Upper
168 100
99 56.7 45.8 68.6



#4
Vinyl Chloride
Concen: 0.22 ug/l
RT: 1.392 min Scan# 50
Delta R.T. 0.000 min
Lab File: VX020440.D
Acq: 29 Dec 2020 17:30

Tgt Ion: 62 Resp: 742
Ion Ratio Lower Upper
62 100
64 28.4 25.7 38.5

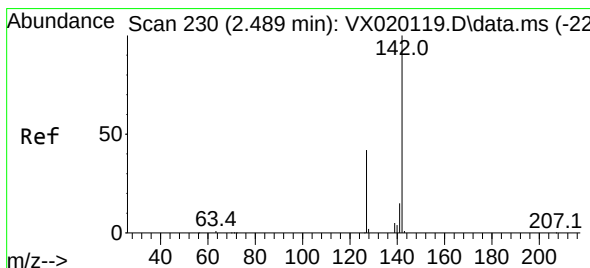
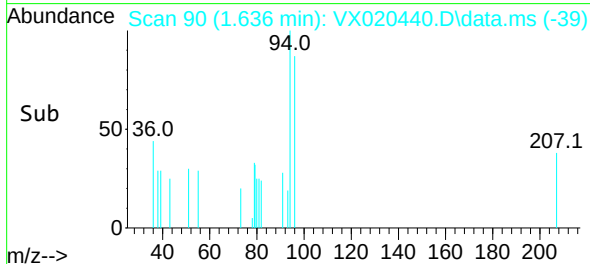
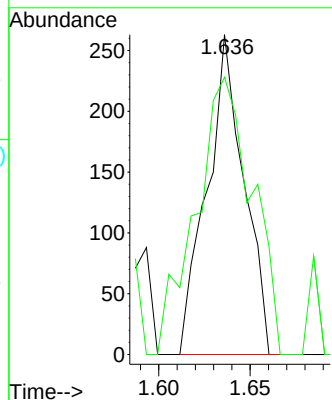
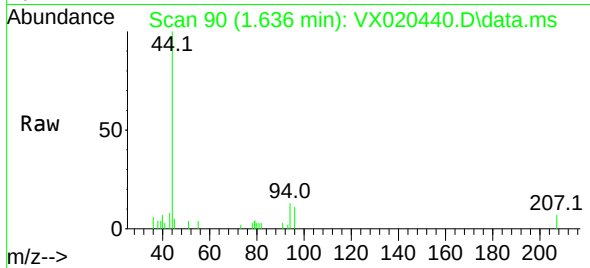




#5
Bromomethane
Concen: 0.35 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.012 min
Lab File: VX020440.D
Acq: 29 Dec 2020 17:30

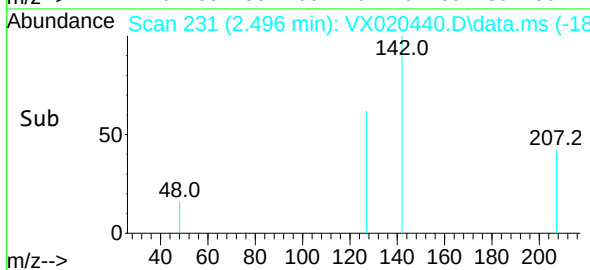
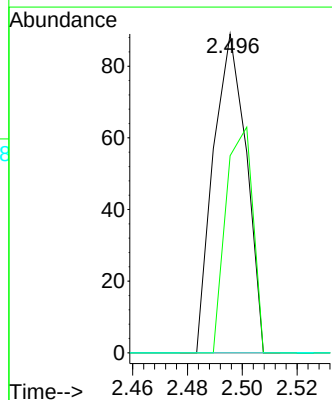
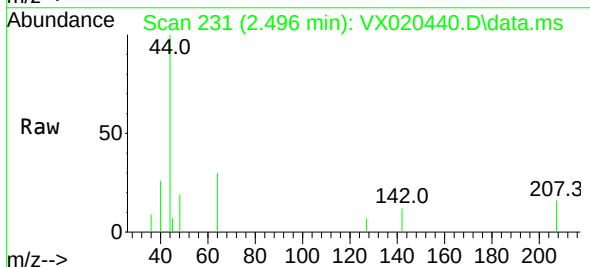
Instrument :
MSVOA_X
ClientSampleId :
1024-MW-19(28)

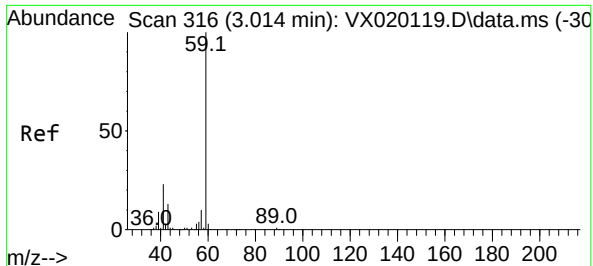
Tgt Ion: 94 Resp: 370
Ion Ratio Lower Upper
94 100
96 86.7 76.4 114.6



#10
Methyl Iodide
Concen: 3.31 ug/l
RT: 2.496 min Scan# 231
Delta R.T. 0.007 min
Lab File: VX020440.D
Acq: 29 Dec 2020 17:30

Tgt Ion: 142 Resp: 74
Ion Ratio Lower Upper
142 100
127 58.1 33.3 49.9#
141 0.0 11.4 17.0#



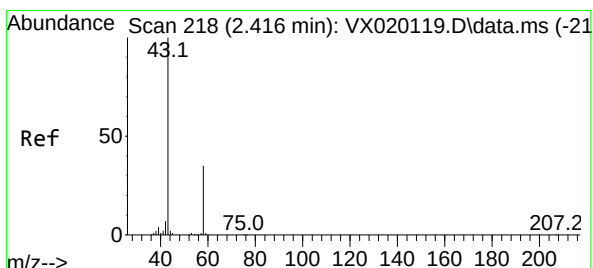
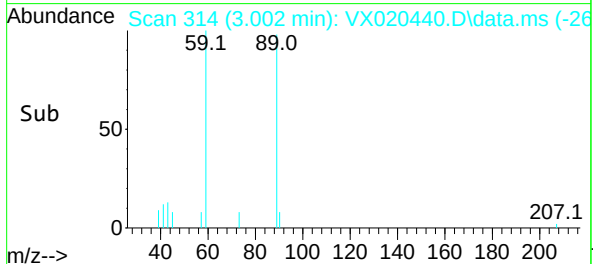
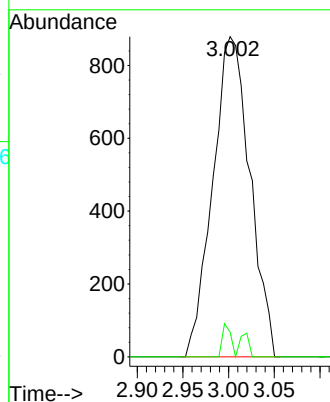
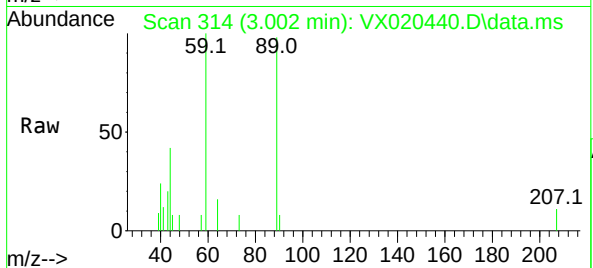


#11

Tert butyl alcohol
Concen: 3.41 ug/l
RT: 3.002 min Scan# 314
Delta R.T. -0.012 min
Lab File: VX020440.D
Acq: 29 Dec 2020 17:30

Instrument :
MSVOA_X
ClientSampleId :
1024-MW-19(28)

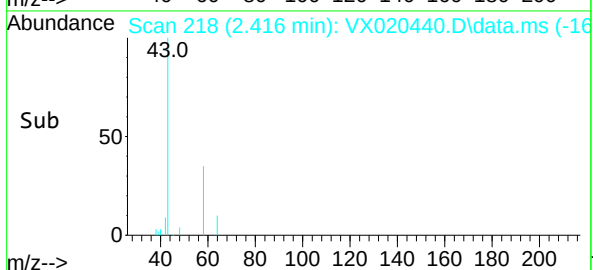
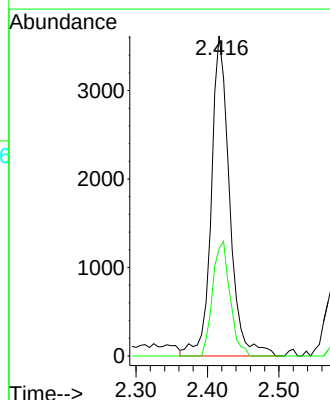
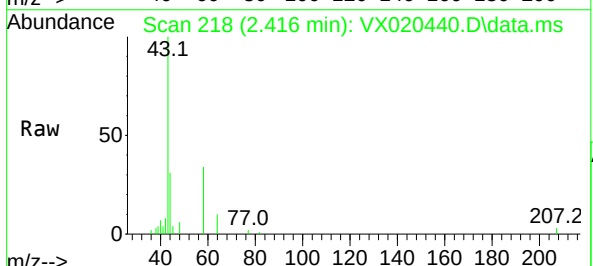
Tgt Ion: 59 Resp: 2483
Ion Ratio Lower Upper
59 100
57 2.3 7.8 11.8#

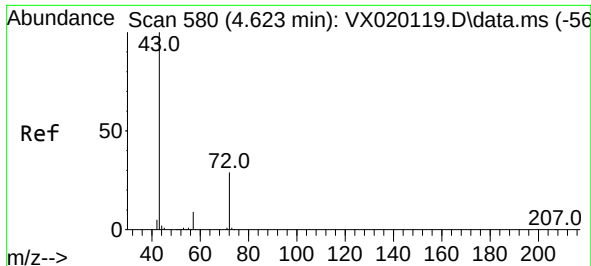


#16

Acetone
Concen: 4.34 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020440.D
Acq: 29 Dec 2020 17:30

Tgt Ion: 43 Resp: 6426
Ion Ratio Lower Upper
43 100
58 33.5 27.8 41.8

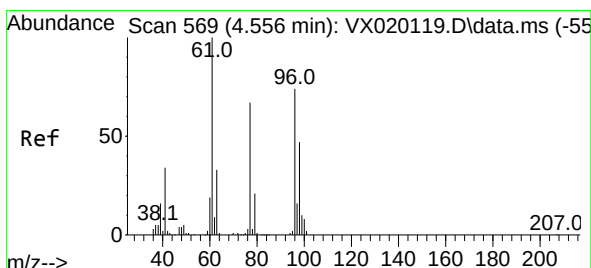
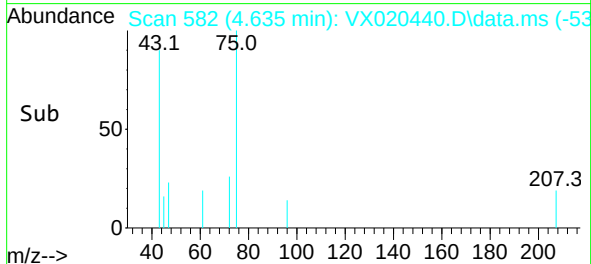
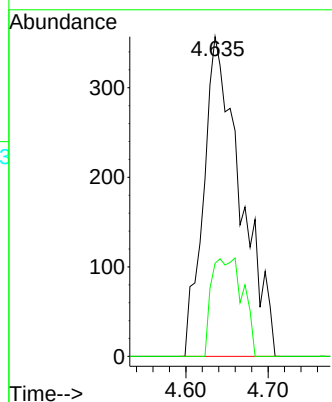
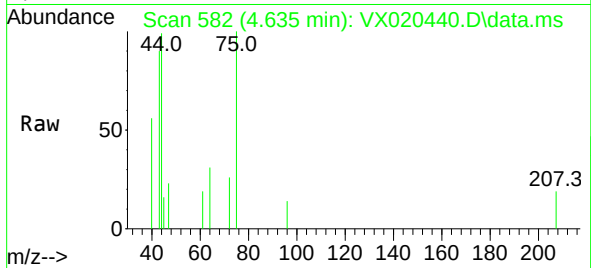




#25
2-Butanone
Concen: 0.52 ug/l
RT: 4.635 min Scan# 582
Delta R.T. 0.012 min
Lab File: VX020440.D
Acq: 29 Dec 2020 17:30

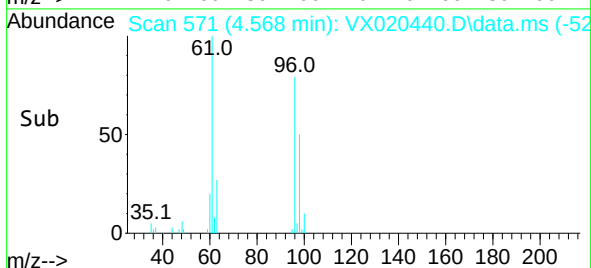
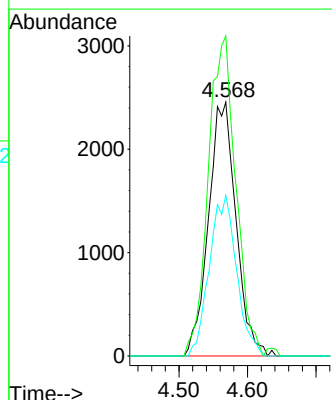
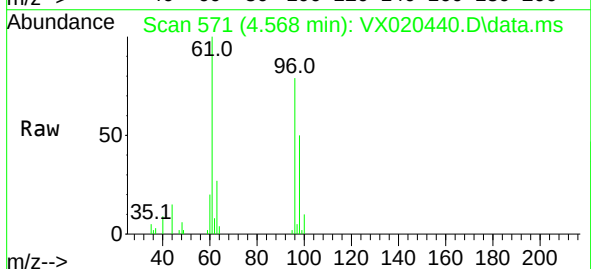
Instrument :
MSVOA_X
ClientSampleId :
1024-MW-19(28)

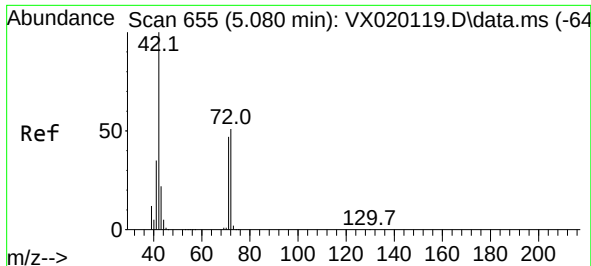
Tgt Ion: 43 Resp: 1122
Ion Ratio Lower Upper
43 100
72 29.1 23.7 35.5



#27
cis-1,2-Dichloroethene
Concen: 2.02 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.012 min
Lab File: VX020440.D
Acq: 29 Dec 2020 17:30

Tgt Ion: 96 Resp: 6862
Ion Ratio Lower Upper
96 100
61 125.8 0.0 285.6
98 62.3 0.0 129.6





#29

Tetrahydrofuran

Concen: 0.65 ug/l

RT: 5.099 min Scan# 658

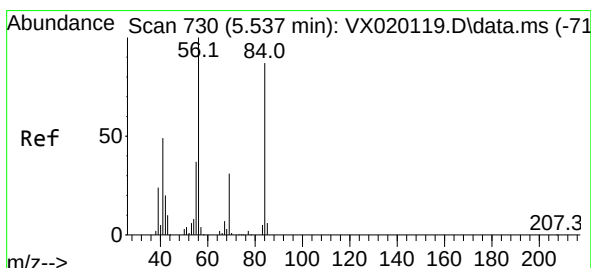
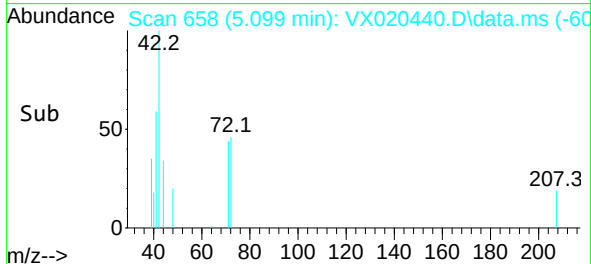
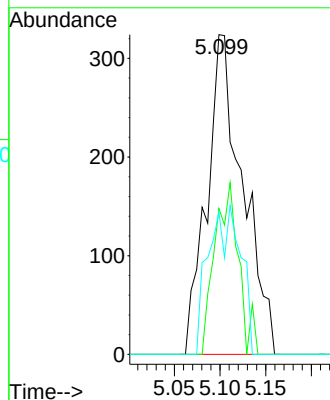
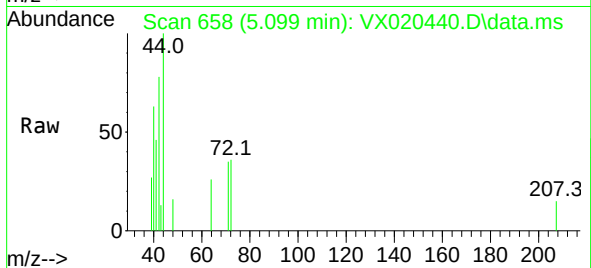
Delta R.T. 0.019 min

Lab File: VX020440.D

Acq: 29 Dec 2020 17:30

Tgt Ion:	42	Resp:	882
Ion	Ratio	Lower	Upper
42	100		
72	35.7	41.7	62.5#
71	22.8	38.4	57.6#

Instrument :
MSVOA_X
ClientSampleId :
1024-MW-19(28)



#31

Cyclohexane

Concen: 0.91 ug/l

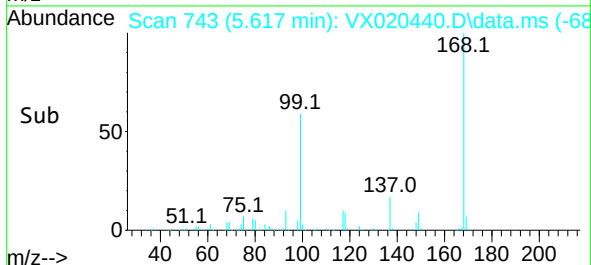
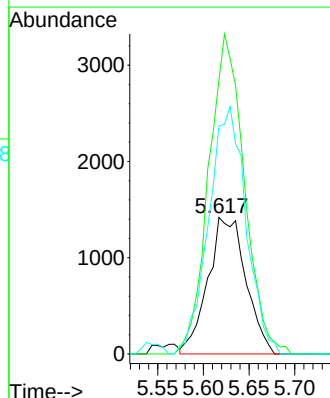
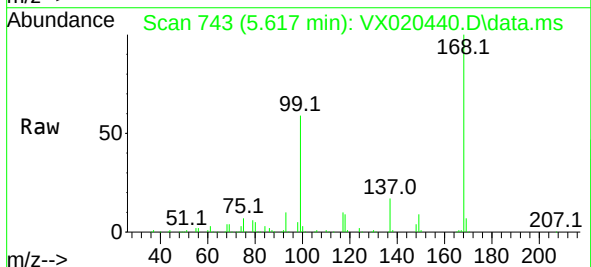
RT: 5.617 min Scan# 743

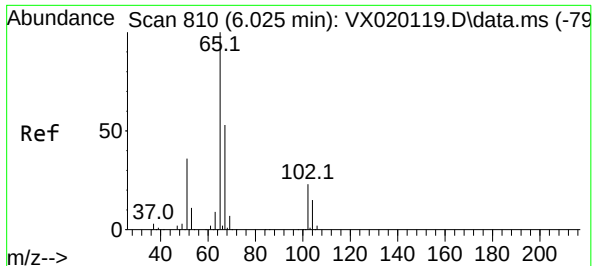
Delta R.T. 0.080 min

Lab File: VX020440.D

Acq: 29 Dec 2020 17:30

Tgt Ion:	56	Resp:	4093
Ion	Ratio	Lower	Upper
56	100		
69	196.7	25.3	37.9#
84	167.1	71.4	107.0#





#33

1,2-Dichloroethane-d4

Concen: 45.07 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.006 min

Lab File: VX020440.D

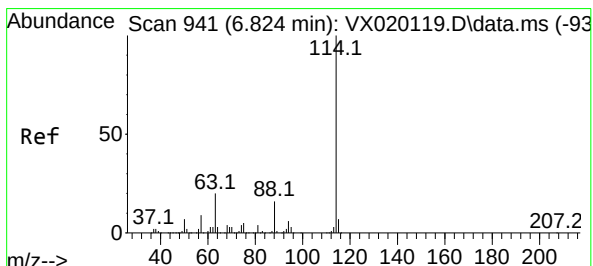
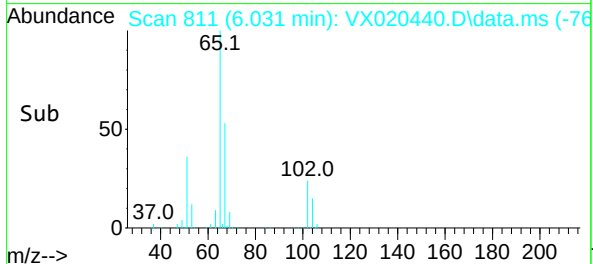
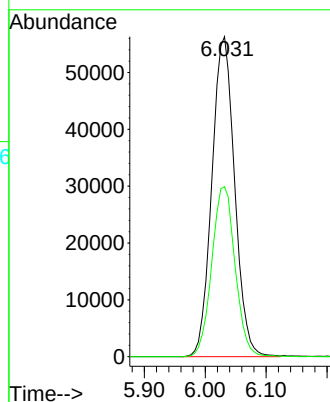
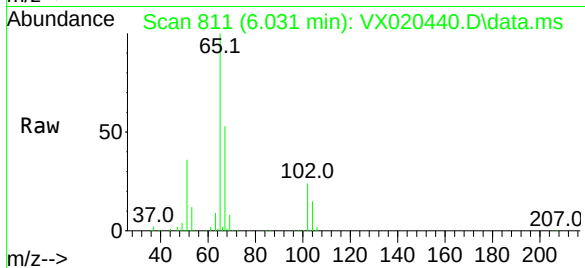
Acq: 29 Dec 2020 17:30

Tgt Ion: 65 Resp: 146394

Ion Ratio Lower Upper

65 100

67 54.4 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.830 min Scan# 942

Delta R.T. 0.006 min

Lab File: VX020440.D

Acq: 29 Dec 2020 17:30

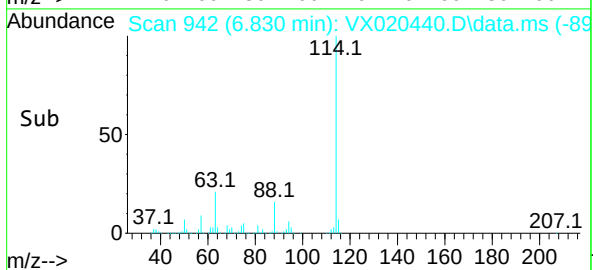
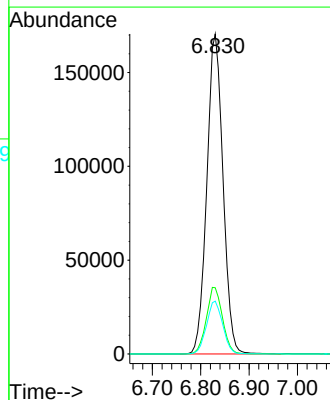
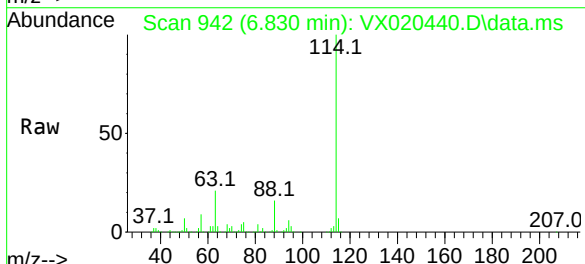
Tgt Ion: 114 Resp: 396094

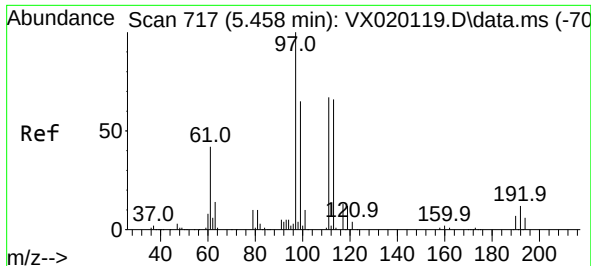
Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.8

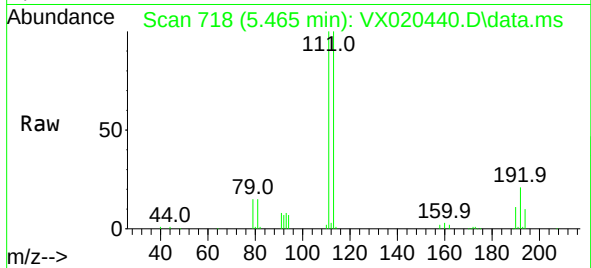
88 16.5 0.0 32.8



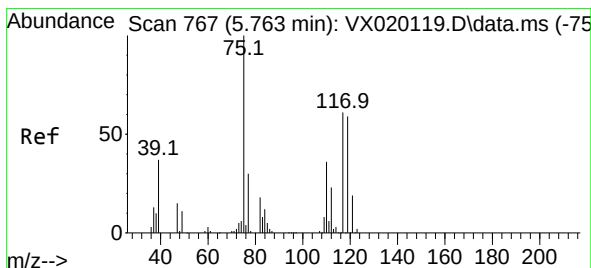
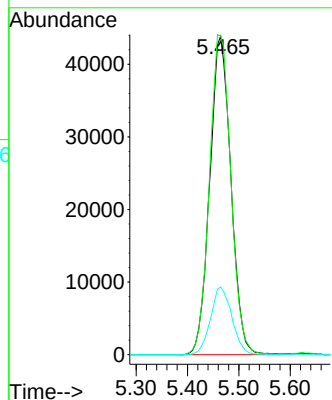
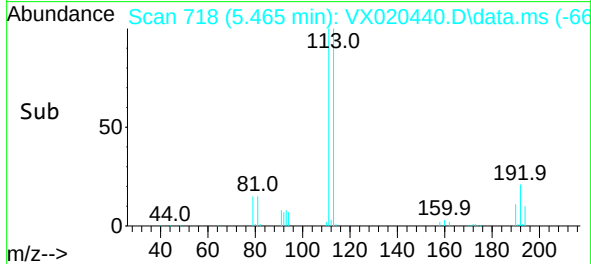


#35
Dibromofluoromethane
Concen: 49.46 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.007 min
Lab File: VX020440.D
Acq: 29 Dec 2020 17:30

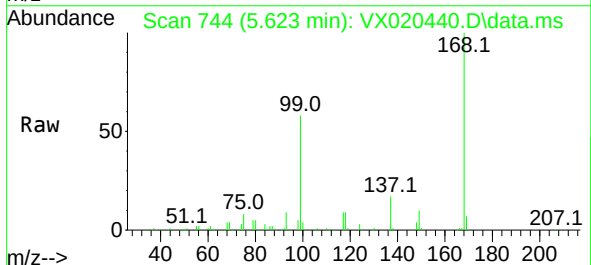
Instrument :
MSVOA_X
ClientSampleId :
1024-MW-19(28)



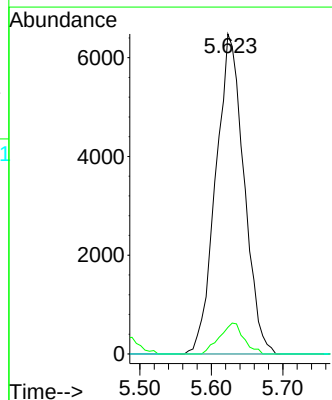
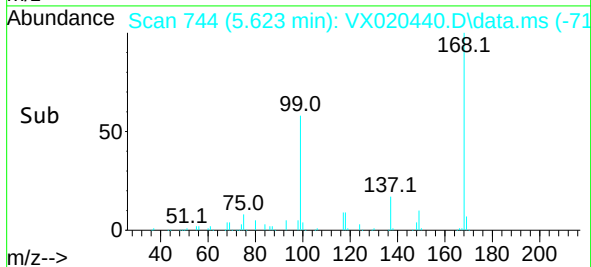
Tgt Ion:113 Resp: 125328
Ion Ratio Lower Upper
113 100
111 102.0 81.9 122.9
192 21.4 16.7 25.1

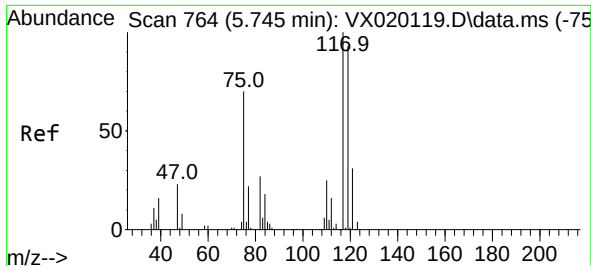


#36
1,1-Dichloropropene
Concen: 4.53 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.140 min
Lab File: VX020440.D
Acq: 29 Dec 2020 17:30



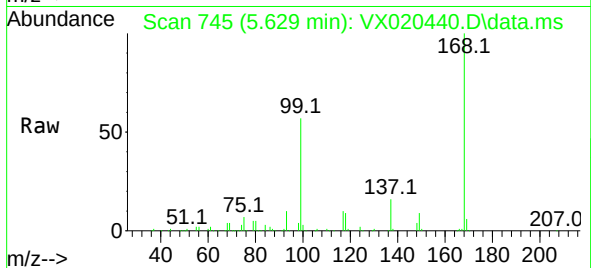
Tgt Ion: 75 Resp: 17729
Ion Ratio Lower Upper
75 100
110 8.3 18.1 54.4#
77 0.0 25.3 37.9#



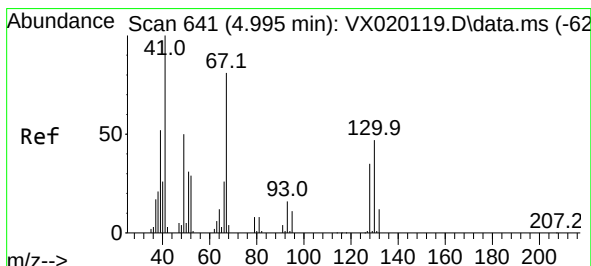
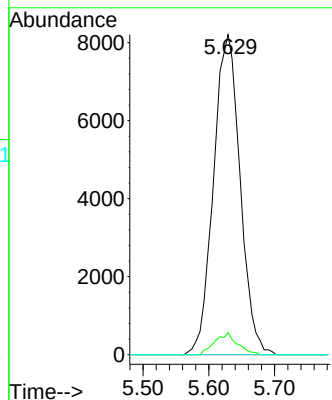
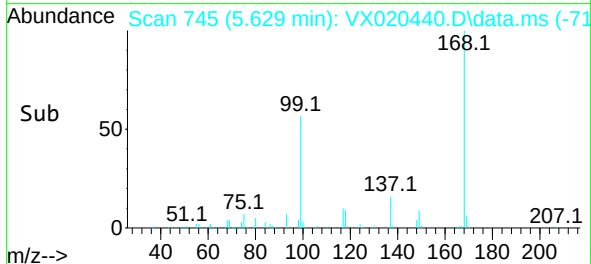


#38
Carbon Tetrachloride
Concen: 6.20 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.116 min
Lab File: VX020440.D
Acq: 29 Dec 2020 17:30

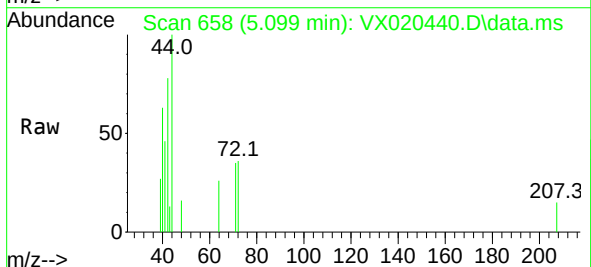
Instrument :
MSVOA_X
ClientSampleId :
1024-MW-19(28)



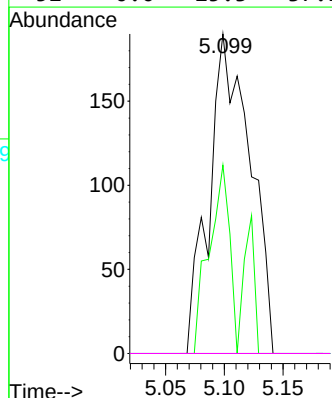
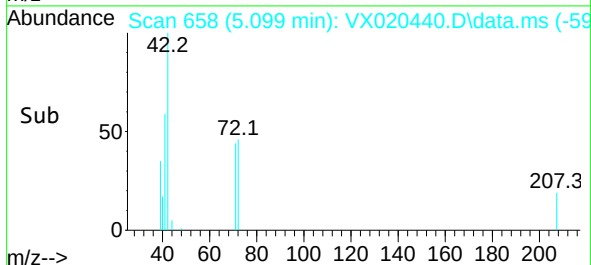
Tgt Ion:117 Resp: 23100
Ion Ratio Lower Upper
117 100
119 6.9 76.2 114.2#
121 0.0 24.8 37.2#

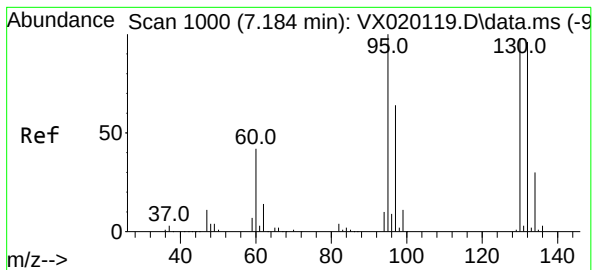


#41
Methacrylonitrile
Concen: 0.21 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.104 min
Lab File: VX020440.D
Acq: 29 Dec 2020 17:30



Tgt Ion: 41 Resp: 461
Ion Ratio Lower Upper
41 100
39 0.0 42.5 63.7#
67 0.0 65.0 97.6#
52 0.0 25.3 37.9#





#44

Trichloroethene

Concen: 2.27 ug/l

RT: 7.184 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VX020440.D

Acq: 29 Dec 2020 17:30

Tgt Ion:130 Resp: 7160

Ion Ratio Lower Upper

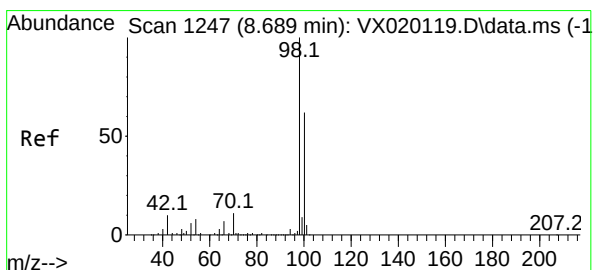
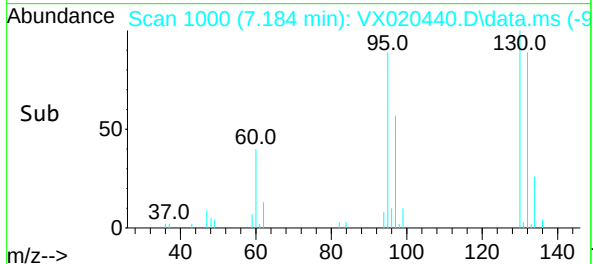
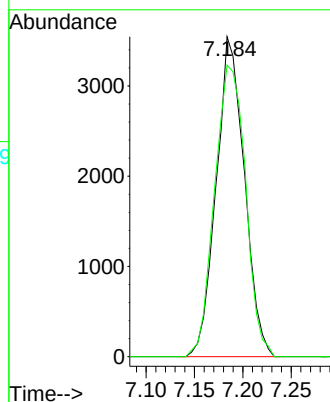
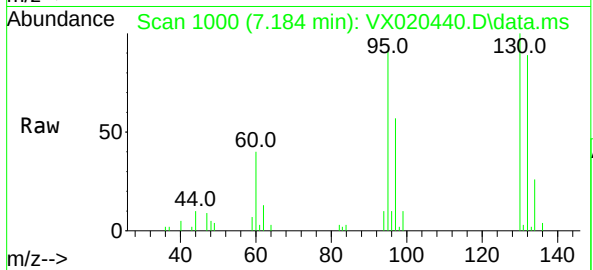
Ion	Ratio	Lower	Upper
130	100		
95	91.1	0.0	198.0

Instrument :

MSVOA_X

ClientSampleId :

1024-MW-19(28)



#50

Toluene-d8

Concen: 49.26 ug/l

RT: 8.696 min Scan# 1248

Delta R.T. 0.007 min

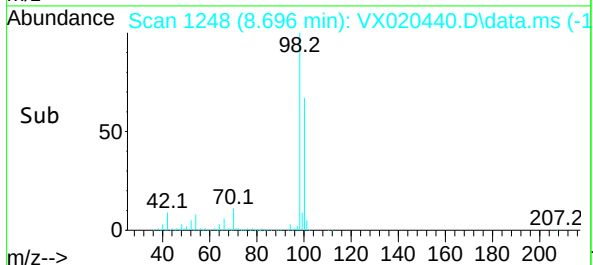
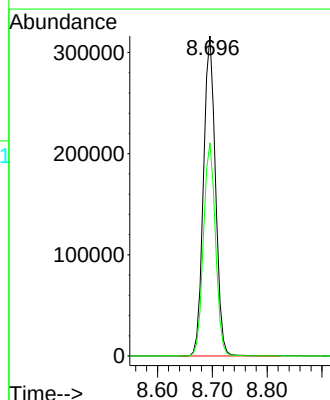
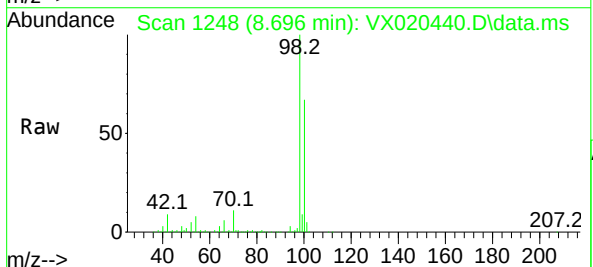
Lab File: VX020440.D

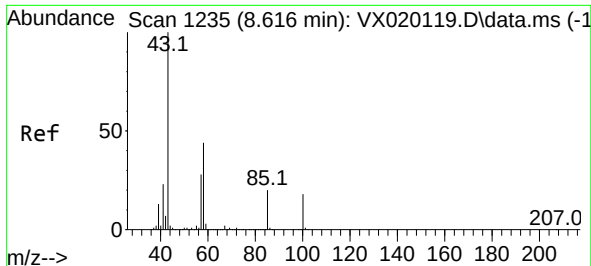
Acq: 29 Dec 2020 17:30

Tgt Ion: 98 Resp: 480436

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
98	100		
100	66.8	51.9	77.9

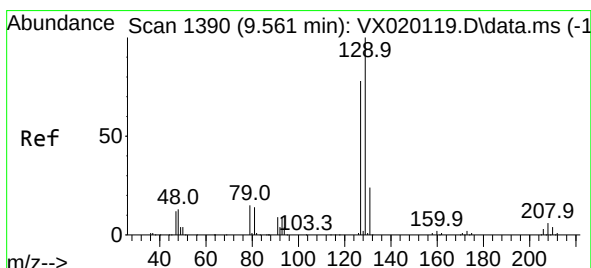
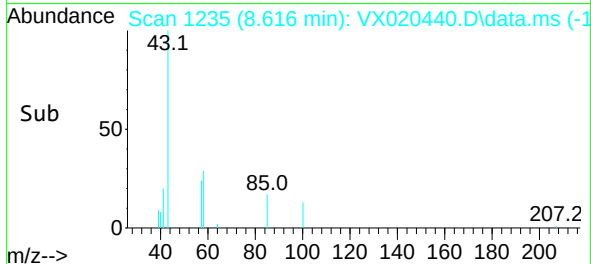
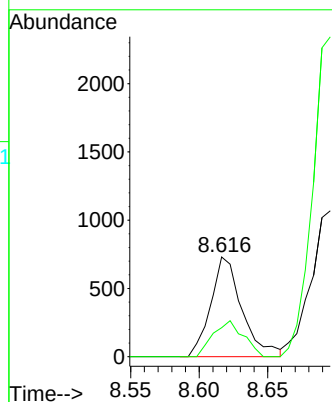
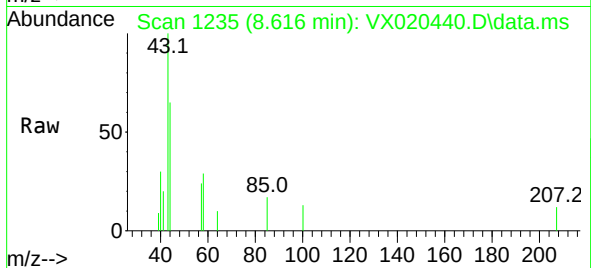




#51
4-Methyl-2-Pentanone
Concen: 0.29 ug/l
RT: 8.616 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VX020440.D
Acq: 29 Dec 2020 17:30

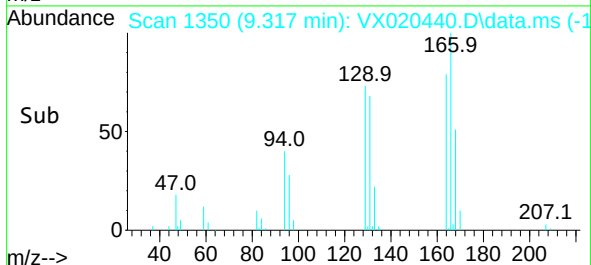
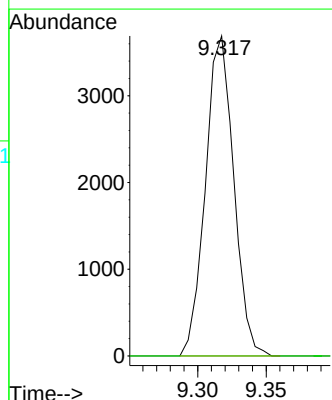
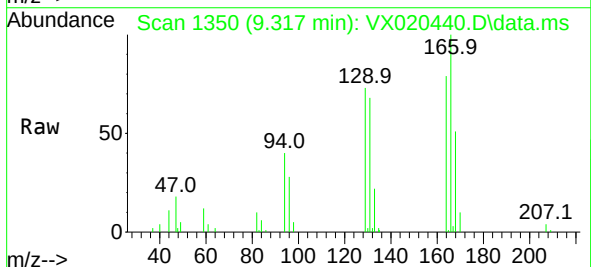
Instrument :
MSVOA_X
ClientSampleId :
1024-MW-19(28)

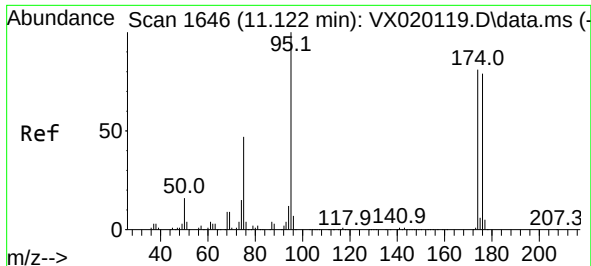
Tgt Ion: 43 Resp: 1161
Ion Ratio Lower Upper
43 100
58 34.9 35.4 53.0#



#60
Dibromochloromethane
Concen: 1.75 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. -0.244 min
Lab File: VX020440.D
Acq: 29 Dec 2020 17:30

Tgt Ion: 129 Resp: 5314
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

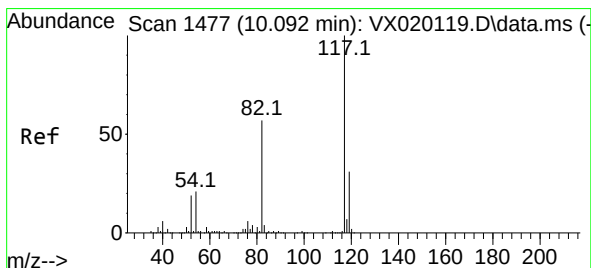
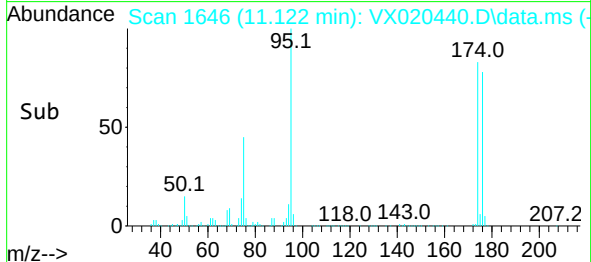
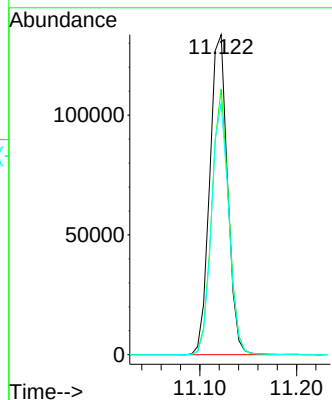
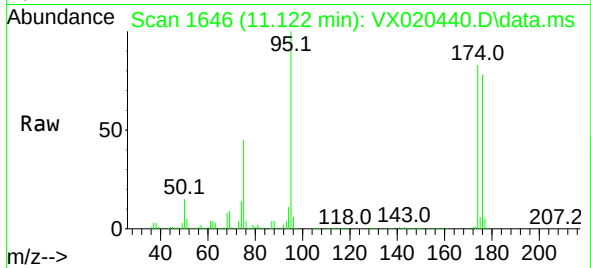




#62
4-Bromofluorobenzene
Concen: 45.77 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.000 min
Lab File: VX020440.D
Acq: 29 Dec 2020 17:30

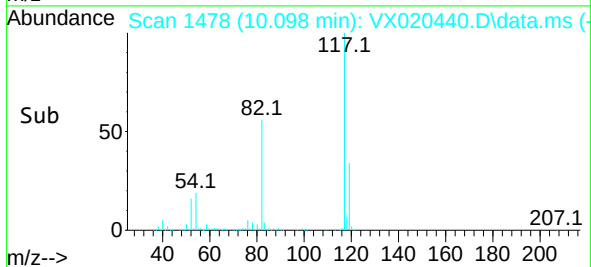
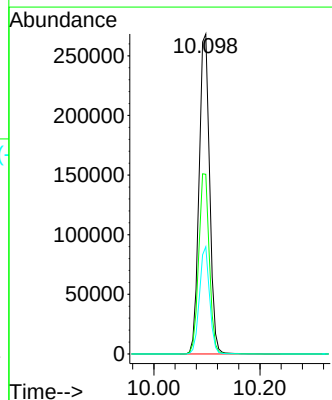
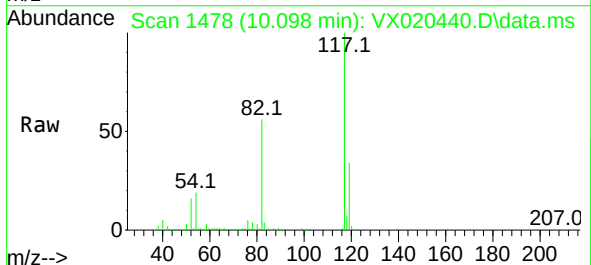
Instrument :
MSVOA_X
ClientSampleId :
1024-MW-19(28)

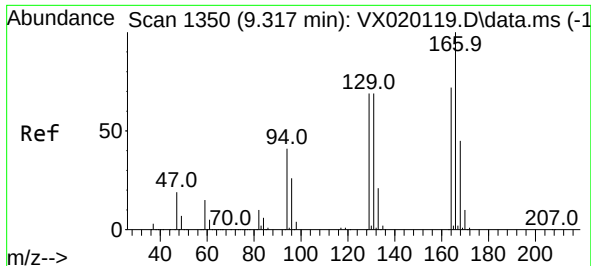
Tgt Ion: 95 Resp: 170850
Ion Ratio Lower Upper
95 100
174 79.8 0.0 154.6
176 76.6 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020440.D
Acq: 29 Dec 2020 17:30

Tgt Ion: 117 Resp: 371823
Ion Ratio Lower Upper
117 100
82 56.1 47.4 71.2
119 33.5 26.6 39.8

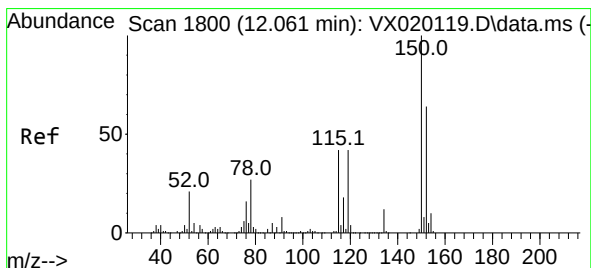
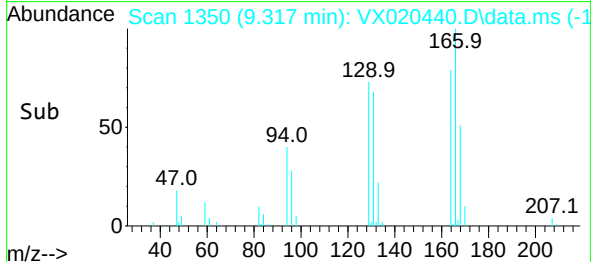
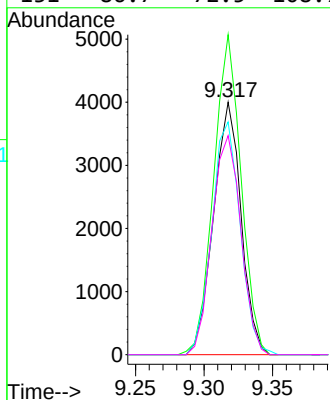
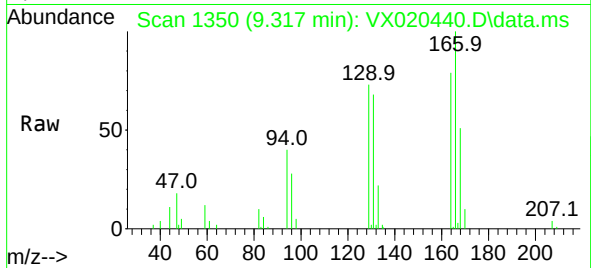




#64
Tetrachloroethene
Concen: 1.99 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VX020440.D
Acq: 29 Dec 2020 17:30

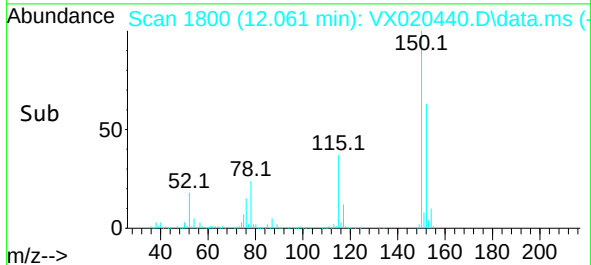
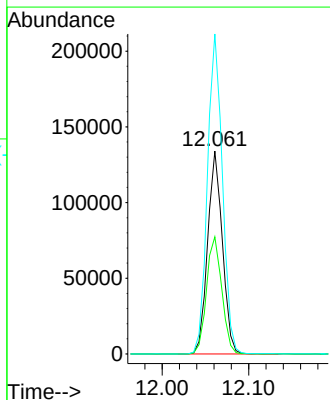
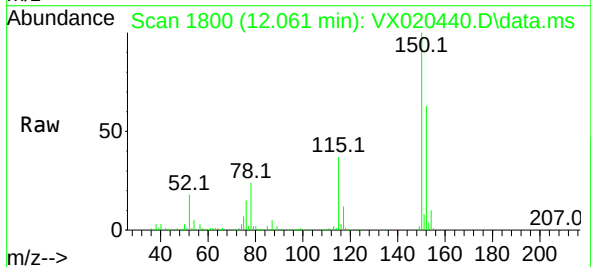
Instrument :
MSVOA_X
ClientSampleId :
1024-MW-19(28)

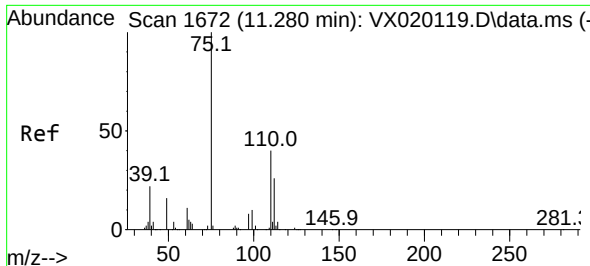
Tgt Ion:164	Resp:	5584
Ion Ratio	Lower	Upper
164	100	
166	126.7	103.4 155.2
129	92.2	70.8 106.2
131	86.7	72.5 108.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020440.D
Acq: 29 Dec 2020 17:30

Tgt Ion:152	Resp:	158824
Ion Ratio	Lower	Upper
152	100	
115	59.6	41.1 123.3
150	159.5	0.0 349.0

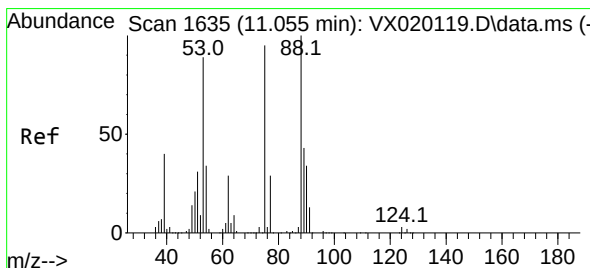
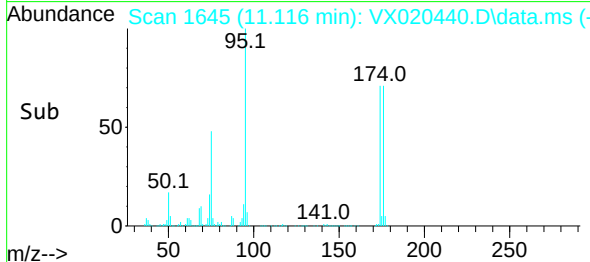
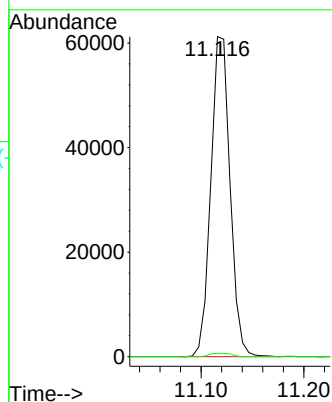
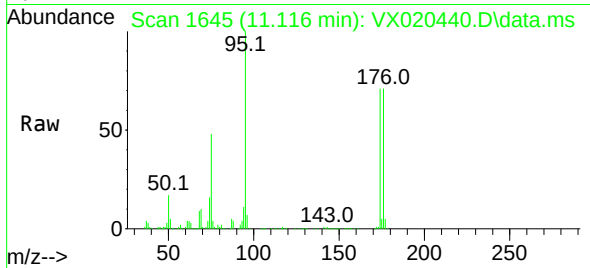




#76
1,2,3-Trichloropropane
Concen: 20.34 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.164 min
Lab File: VX020440.D
Acq: 29 Dec 2020 17:30

Instrument :
MSVOA_X
ClientSampleId :
1024-MW-19(28)

Tgt Ion: 75 Resp: 79563
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 60.34 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. 0.061 min
Lab File: VX020440.D
Acq: 29 Dec 2020 17:30

Tgt Ion: 75 Resp: 79563
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#

