

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030221\
 Data File : VX020954.D
 Acq On : 01 Mar 2021 23:00
 Operator : JC/MD
 Sample : M1522-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-VPB-RW6-DUP-20210224

Quant Time: Mar 02 00:34:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 24 13:50:55 2021
 Response via : Initial Calibration

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

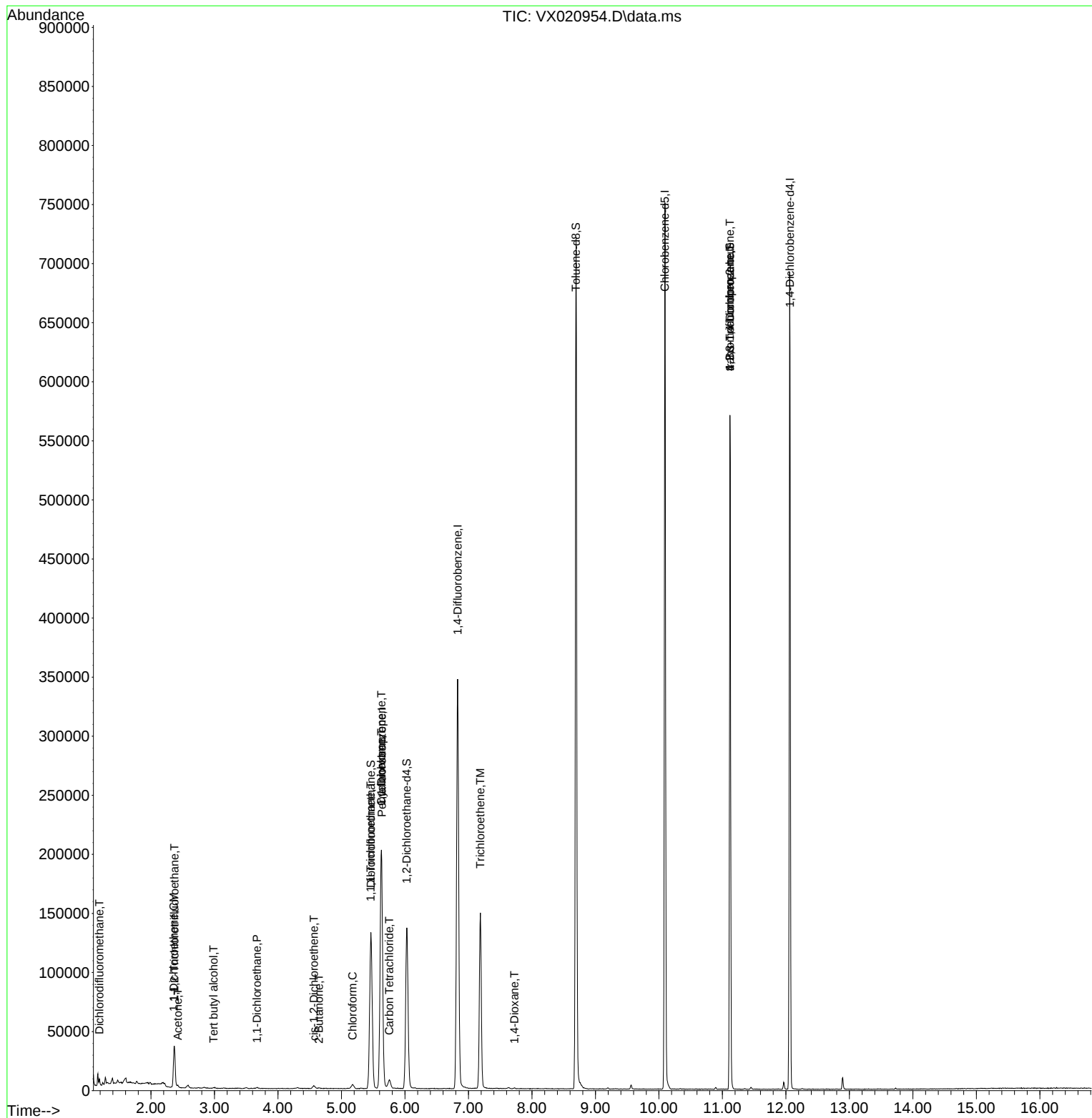
Internal Standards						
1) Pentafluorobenzene	5.635	168	199353	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.829	114	365666	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	346887	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.065	152	141920	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	130354	48.41	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.82%
35) Dibromofluoromethane	5.464	113	111858	50.35	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.70%
50) Toluene-d8	8.694	98	432103	49.88	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.76%
62) 4-Bromofluorobenzene	11.118	95	161600	50.45	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	100.90%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.187	85	2314	1.07	ug/l	91
5) Bromomethane	1.640	94	273	Below Cal		91
9) 1,1,2-Trichlorotrifluo...	2.370	101	11952	5.57	ug/l	99
11) Tert butyl alcohol	2.987	59	560	0.93	ug/l #	73
12) 1,1-Dichloroethene	2.358	96	2978	1.33	ug/l	93
16) Acetone	2.423	43	2011	1.81	ug/l	99
24) 1,1-Dichloroethane	3.670	63	1042	0.24	ug/l #	81
25) 2-Butanone	4.646	43	439	0.26	ug/l	96
27) cis-1,2-Dichloroethene	4.564	96	1764	0.61	ug/l	91
30) Chloroform	5.176	83	4204	0.97	ug/l	85
31) Cyclohexane	5.629	56	3789	0.97	ug/l #	1
32) 1,1,1-Trichloroethane	5.458	97	996	0.26	ug/l #	50
36) 1,1-Dichloropropene	5.629	75	14840	4.27	ug/l #	48
38) Carbon Tetrachloride	5.752	117	6068	1.80	ug/l	94
44) Trichloroethene	7.188	130	59545	21.74	ug/l	97
49) 1,4-Dioxane	7.723	88	470	7.14	ug/l #	86
76) 1,2,3-Trichloropropane	11.118	75	75637	24.77	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	75637	54.85	ug/l #	12

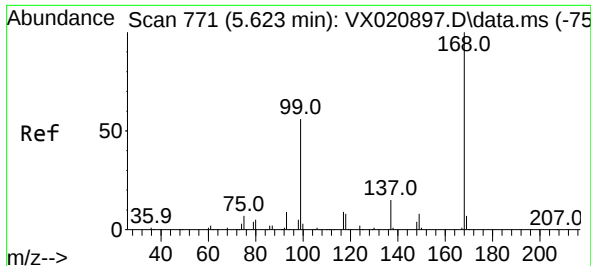
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022421W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 24 13:50:55 2021
Response via : Initial Calibration

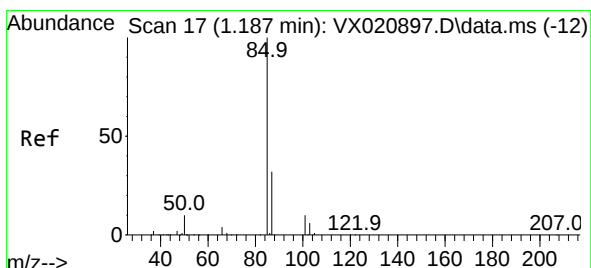
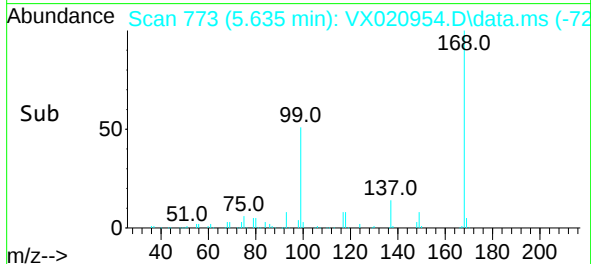
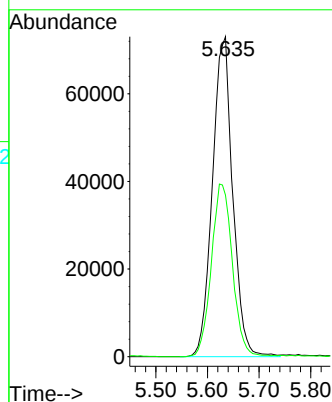
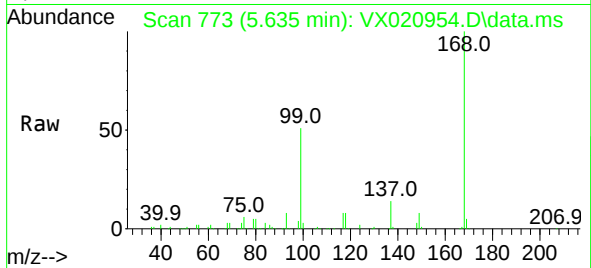




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.635 min Scan# 773
Delta R.T. 0.012 min
Lab File: VX020954.D
Acq: 01 Mar 2021 23:00

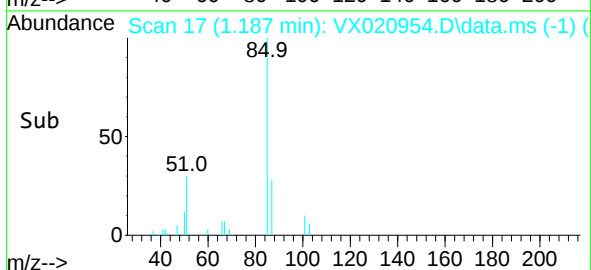
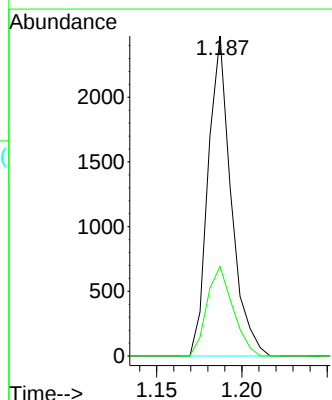
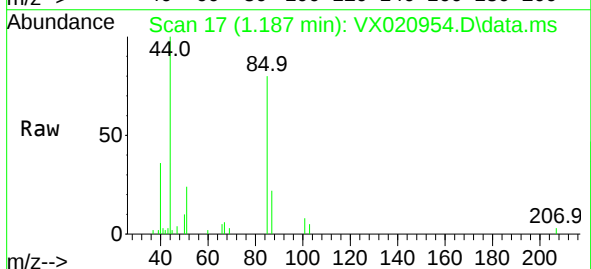
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW6-DUP-20210224

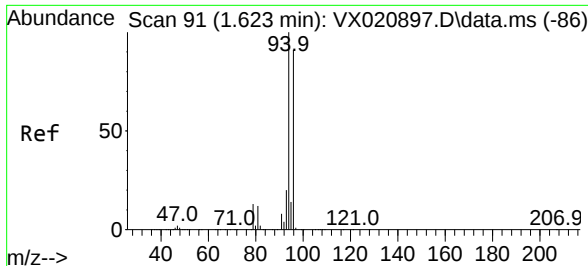
Tgt Ion:168 Resp: 199353
Ion Ratio Lower Upper
168 100
99 50.5 45.8 68.6



#2
Dichlorodifluoromethane
Concen: 1.07 ug/l
RT: 1.187 min Scan# 17
Delta R.T. -0.000 min
Lab File: VX020954.D
Acq: 01 Mar 2021 23:00

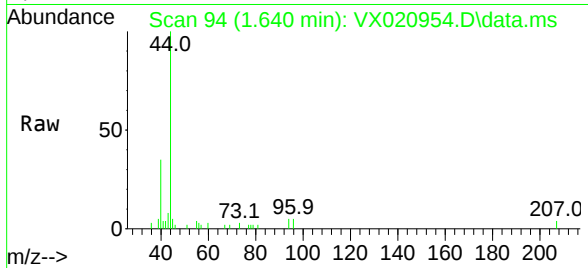
Tgt Ion: 85 Resp: 2314
Ion Ratio Lower Upper
85 100
87 28.0 16.4 49.2



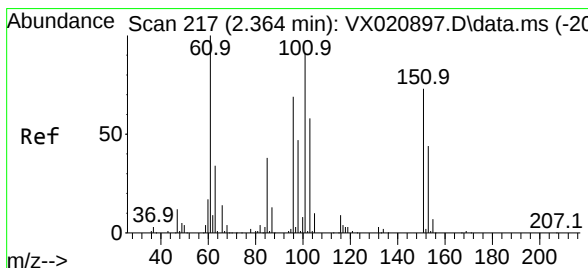
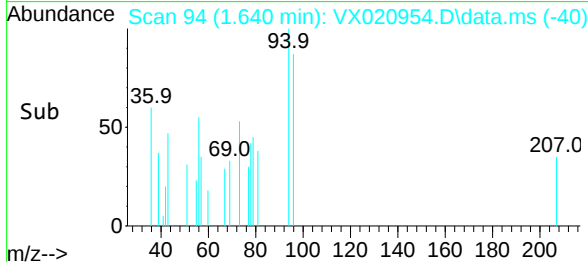
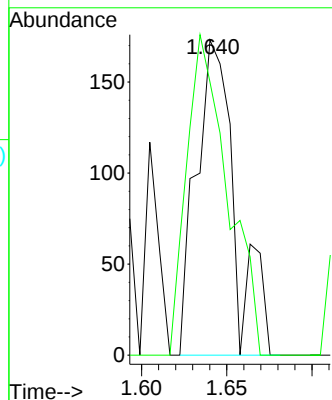


#5
Bromomethane
Concen: Below Cal
RT: 1.640 min Scan# 94
Delta R.T. 0.017 min
Lab File: VX020954.D
Acq: 01 Mar 2021 23:00

Instrument :
MSVOA_X
ClientSampleId :
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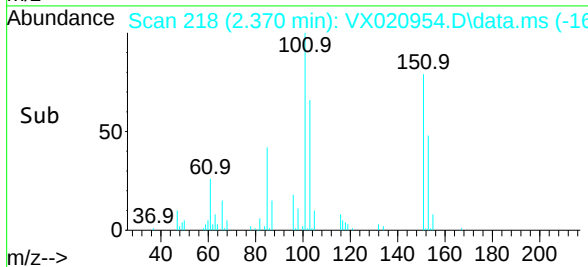
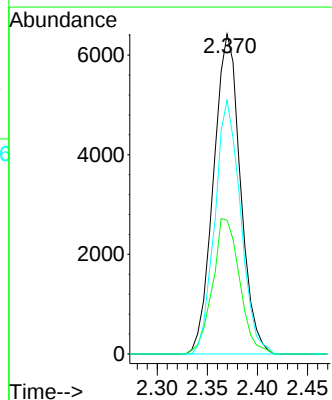
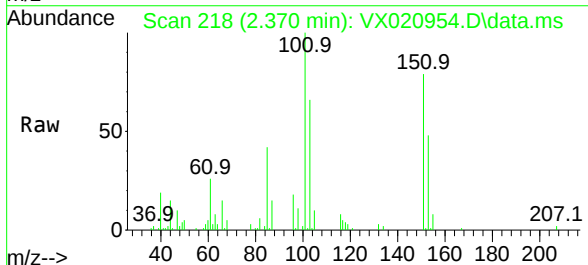


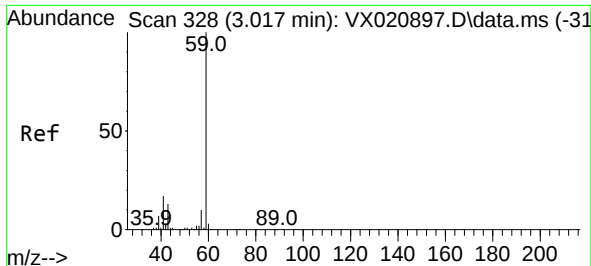
Tgt Ion: 94 Resp: 273
Ion Ratio Lower Upper
94 100
96 86.7 76.4 114.6



#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.57 ug/l
RT: 2.370 min Scan# 218
Delta R.T. 0.006 min
Lab File: VX020954.D
Acq: 01 Mar 2021 23:00

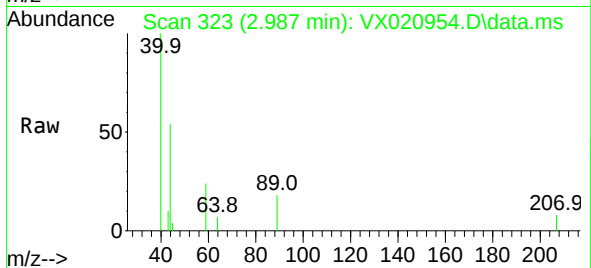
Tgt Ion: 101 Resp: 11952
Ion Ratio Lower Upper
101 100
85 42.5 34.9 52.3
151 76.1 61.4 92.2



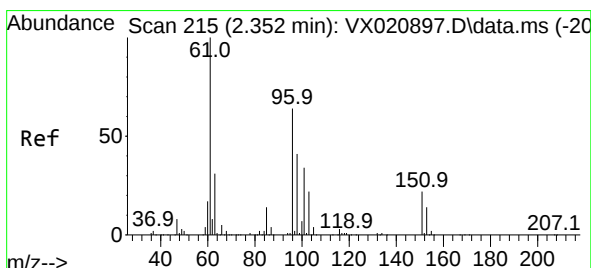
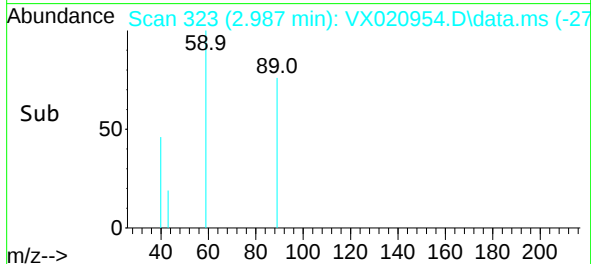
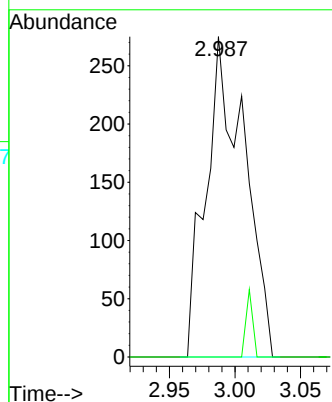


#11
Tert butyl alcohol
Concen: 0.93 ug/l
RT: 2.987 min Scan# 323
Delta R.T. -0.030 min
Lab File: VX020954.D
Acq: 01 Mar 2021 23:00

Instrument :
MSVOA_X
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BP-TT-VPB-RW6-DUP-20210224

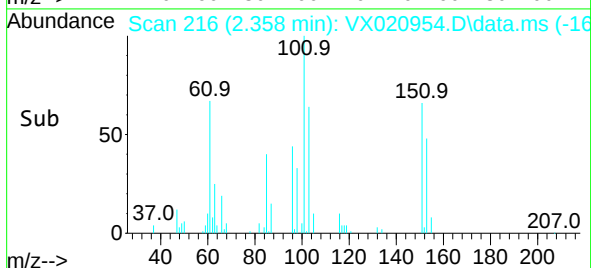
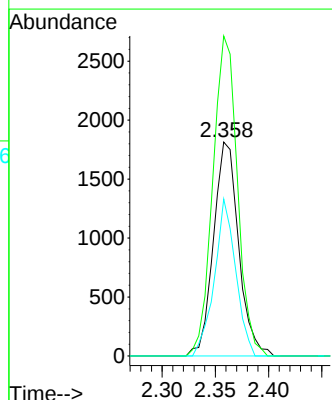
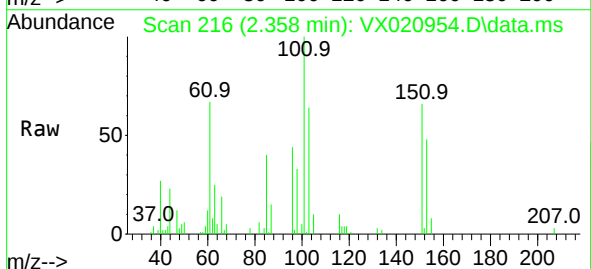


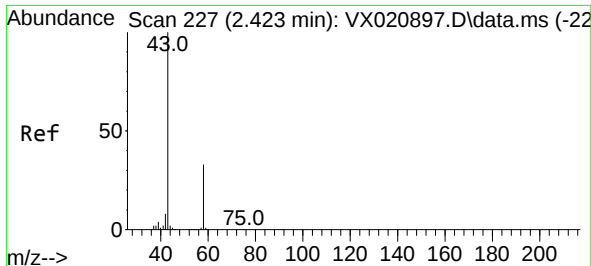
Tgt Ion: 59 Resp: 560
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 1.33 ug/l
RT: 2.358 min Scan# 216
Delta R.T. 0.006 min
Lab File: VX020954.D
Acq: 01 Mar 2021 23:00

Tgt Ion: 96 Resp: 2978
Ion Ratio Lower Upper
96 100
61 149.5 124.6 187.0
98 73.4 50.6 76.0

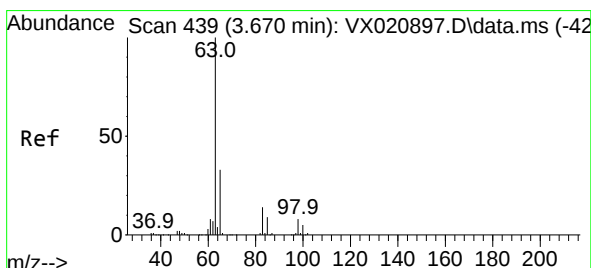
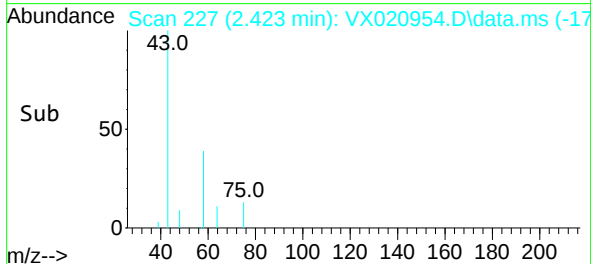
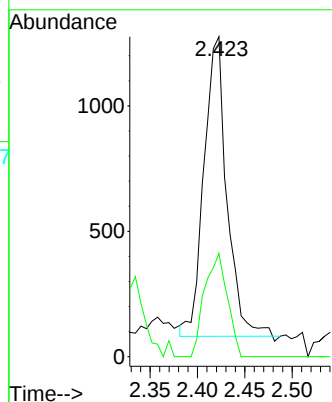
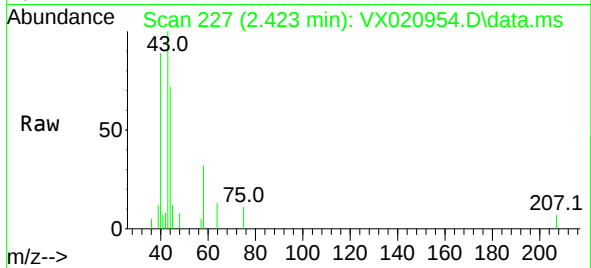




#16
Acetone
Concen: 1.81 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX020954.D
Acq: 01 Mar 2021 23:00

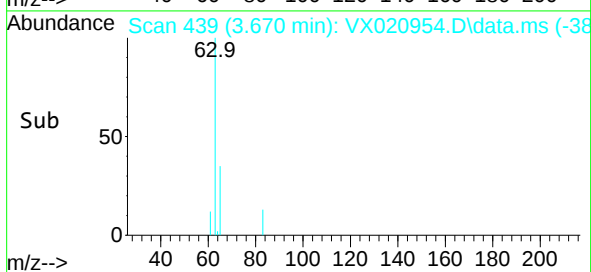
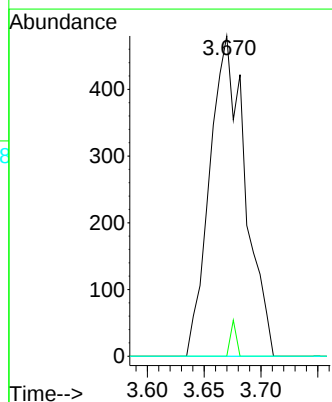
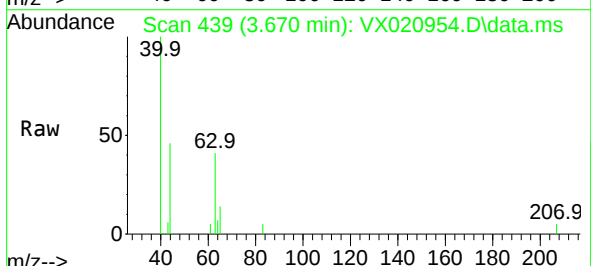
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW6-DUP-20210224

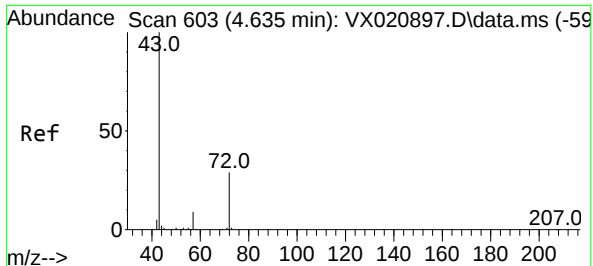
Tgt Ion: 43 Resp: 2011
Ion Ratio Lower Upper
43 100
58 34.5 27.8 41.8



#24
1,1-Dichloroethane
Concen: 0.24 ug/l
RT: 3.670 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX020954.D
Acq: 01 Mar 2021 23:00

Tgt Ion: 63 Resp: 1042
Ion Ratio Lower Upper
63 100
98 0.0 3.8 11.2#
100 0.0 2.5 7.5#

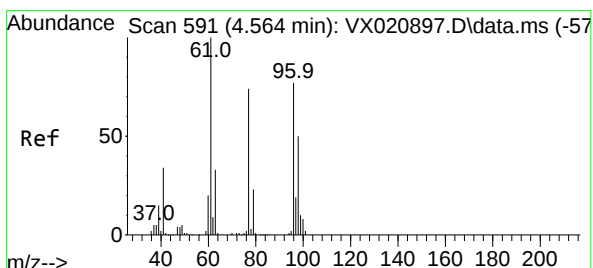
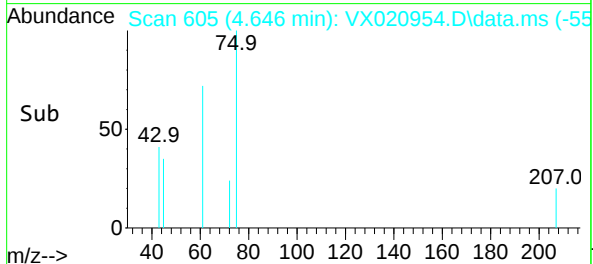
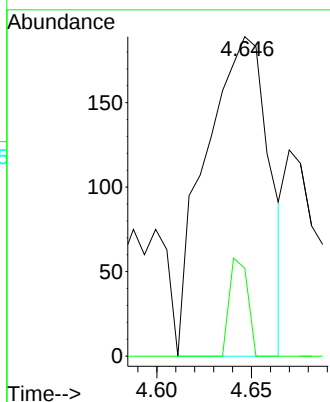
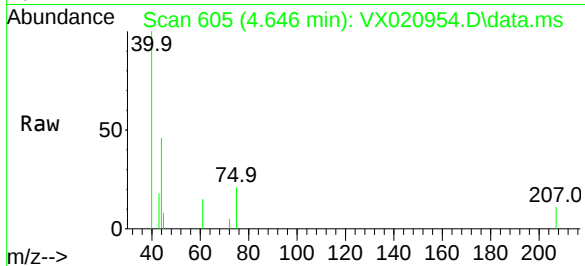




#25
2-Butanone
Concen: 0.26 ug/l
RT: 4.646 min Scan# 605
Delta R.T. 0.012 min
Lab File: VX020954.D
Acq: 01 Mar 2021 23:00

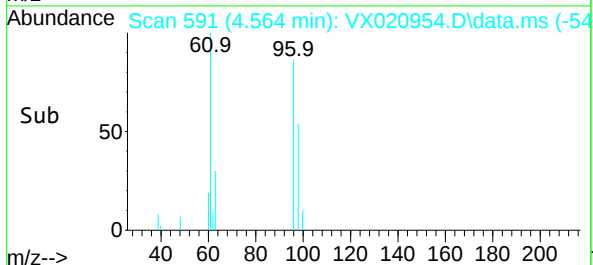
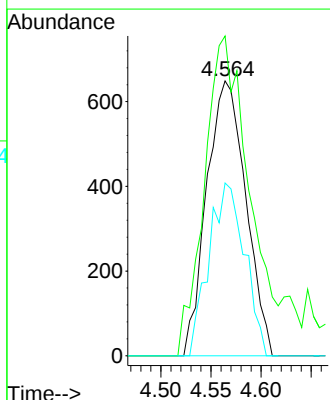
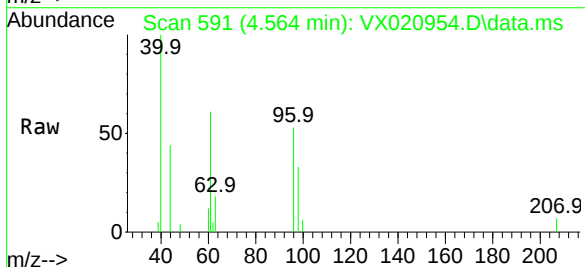
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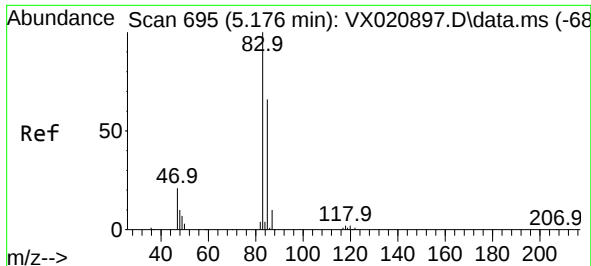
Tgt Ion: 43 Resp: 439
Ion Ratio Lower Upper
43 100
72 27.5 23.7 35.5



#27
cis-1,2-Dichloroethene
Concen: 0.61 ug/l
RT: 4.564 min Scan# 591
Delta R.T. -0.000 min
Lab File: VX020954.D
Acq: 01 Mar 2021 23:00

Tgt Ion: 96 Resp: 1764
Ion Ratio Lower Upper
96 100
61 132.0 0.0 285.6
98 57.5 0.0 129.6

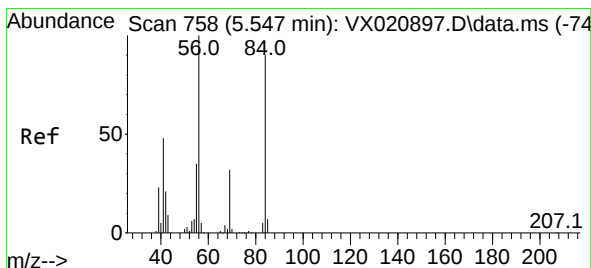
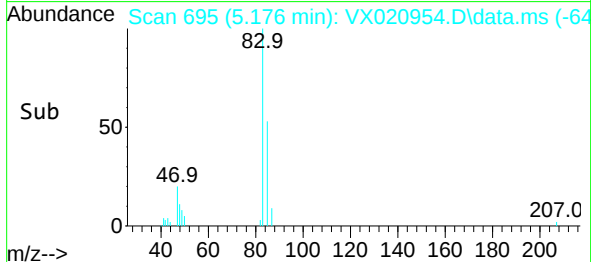
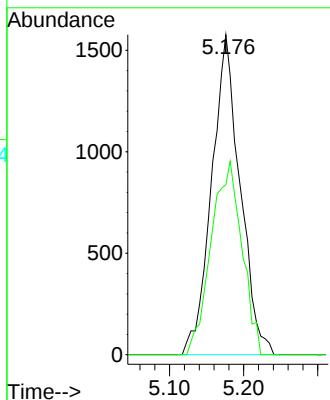
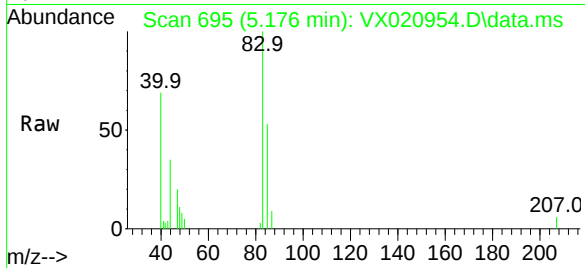




#30
Chloroform
Concen: 0.97 ug/l
RT: 5.176 min Scan# 695
Delta R.T. -0.000 min
Lab File: VX020954.D
Acq: 01 Mar 2021 23:00

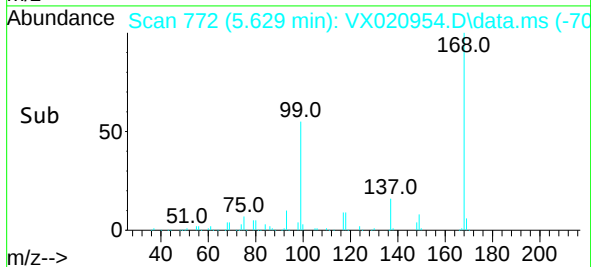
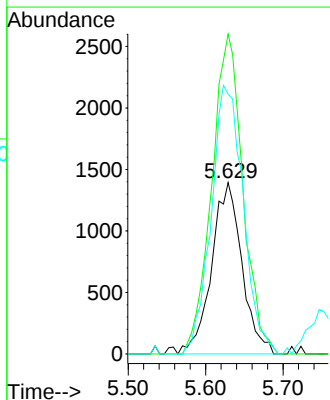
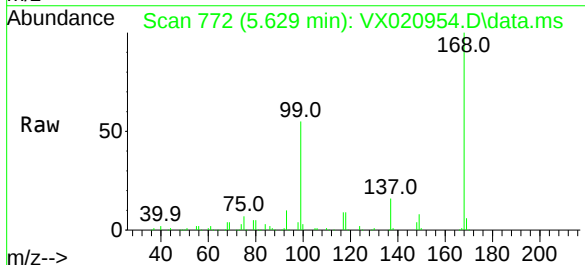
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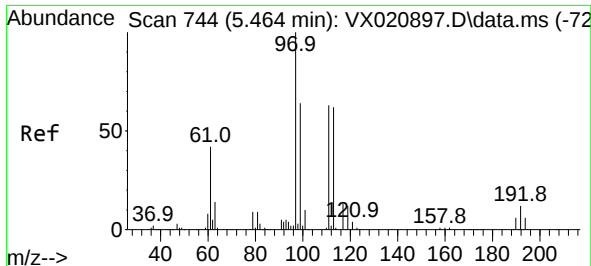
Tgt Ion: 83 Resp: 4204
Ion Ratio Lower Upper
83 100
85 53.1 52.0 78.0



#31
Cyclohexane
Concen: 0.97 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.082 min
Lab File: VX020954.D
Acq: 01 Mar 2021 23:00

Tgt Ion: 56 Resp: 3789
Ion Ratio Lower Upper
56 100
69 186.7 25.3 37.9#
84 151.4 71.4 107.0#

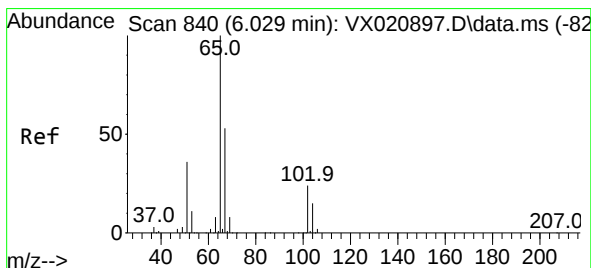
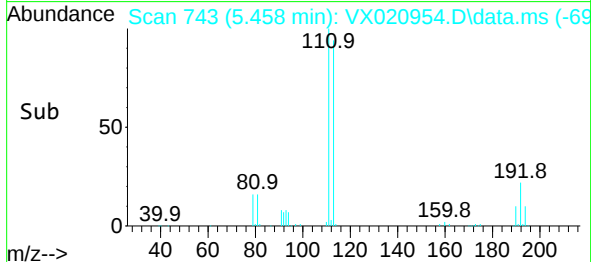
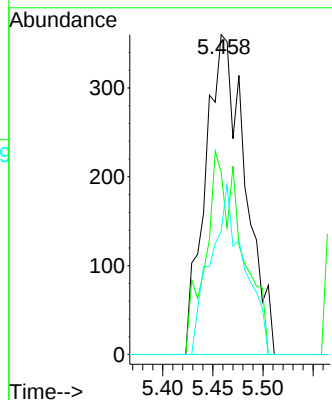
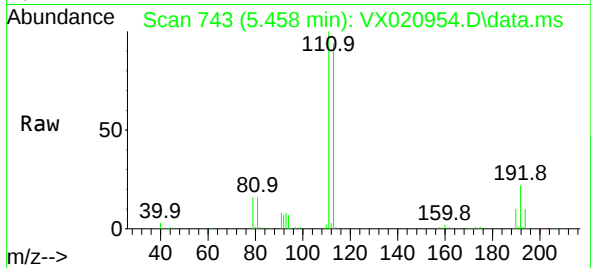




#32
 1,1,1-Trichloroethane
 Concen: 0.26 ug/l
 RT: 5.458 min Scan# 743
 Delta R.T. -0.006 min
 Lab File: VX020954.D
 Acq: 01 Mar 2021 23:00

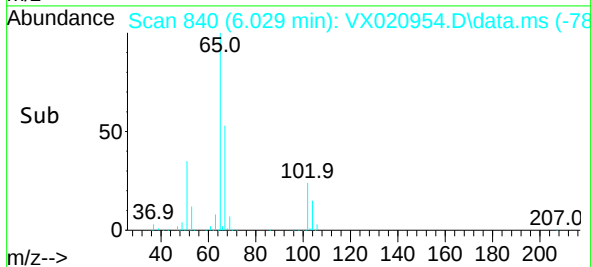
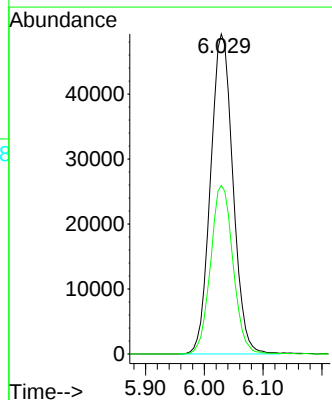
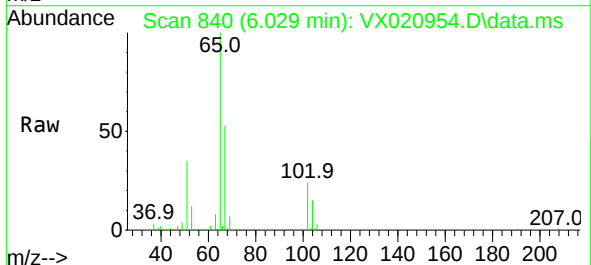
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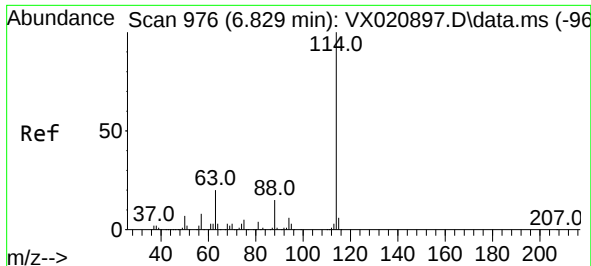
Tgt Ion:	97	Resp:	996
Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.5	77.3#
61	44.4	34.2	51.4



#33
 1,2-Dichloroethane-d4
 Concen: 48.41 ug/l
 RT: 6.029 min Scan# 840
 Delta R.T. -0.000 min
 Lab File: VX020954.D
 Acq: 01 Mar 2021 23:00

Tgt Ion:	65	Resp:	130354
Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	105.4

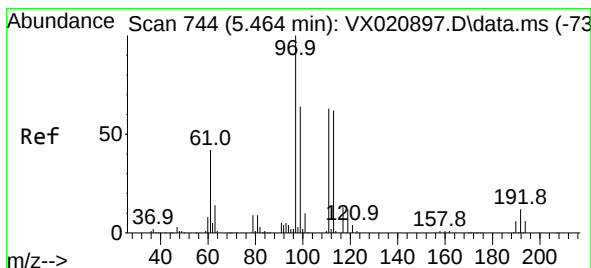
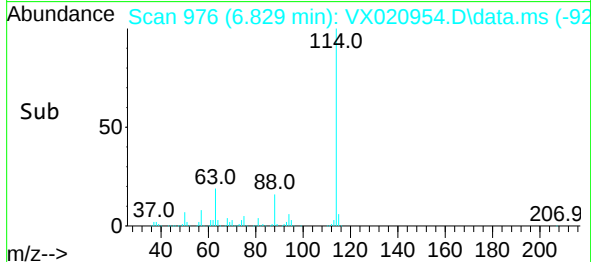
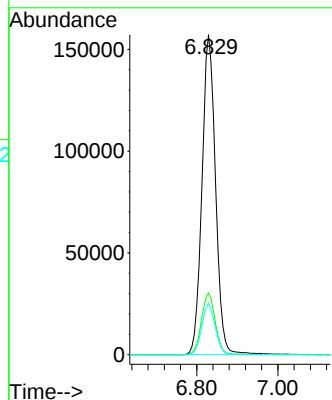
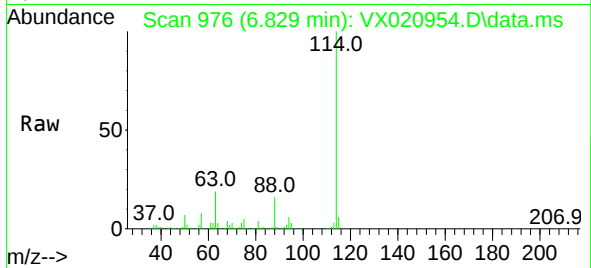




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. -0.000 min
Lab File: VX020954.D
Acq: 01 Mar 2021 23:00

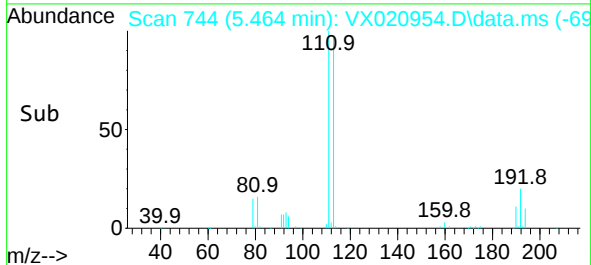
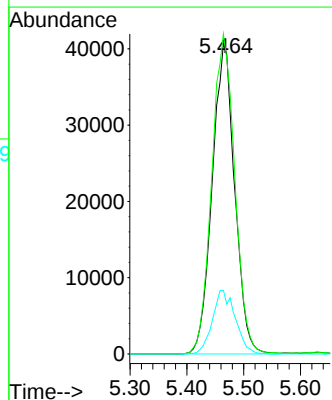
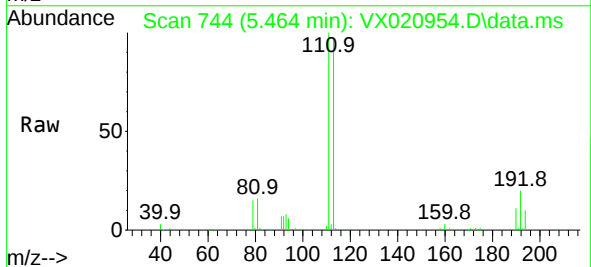
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW6-DUP-20210224

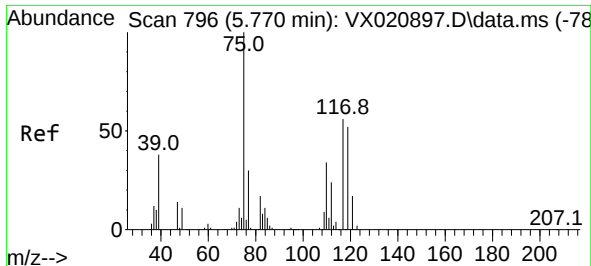
Tgt Ion:114 Resp: 365666
Ion Ratio Lower Upper
114 100
63 19.3 0.0 40.8
88 16.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.35 ug/l
RT: 5.464 min Scan# 744
Delta R.T. -0.000 min
Lab File: VX020954.D
Acq: 01 Mar 2021 23:00

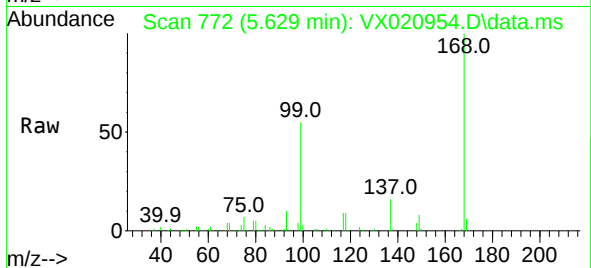
Tgt Ion:113 Resp: 111858
Ion Ratio Lower Upper
113 100
111 105.7 81.9 122.9
192 20.8 16.7 25.1



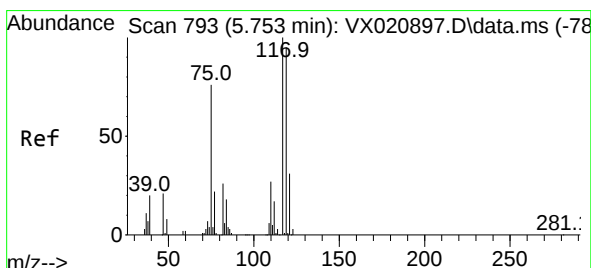
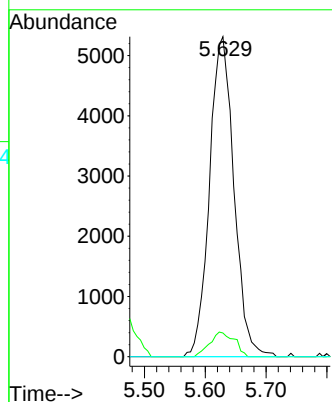
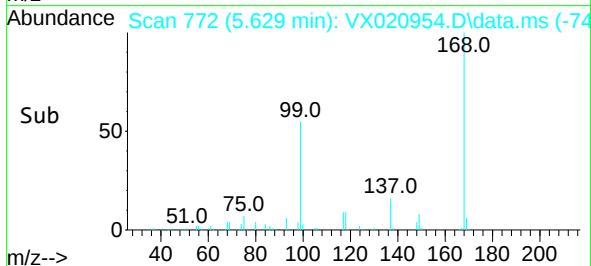


#36
1,1-Dichloropropene
Concen: 4.27 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.141 min
Lab File: VX020954.D
Acq: 01 Mar 2021 23:00

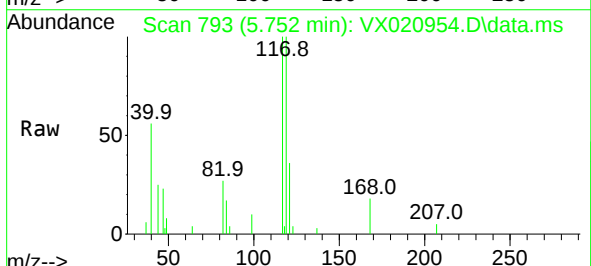
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW6-DUP-20210224



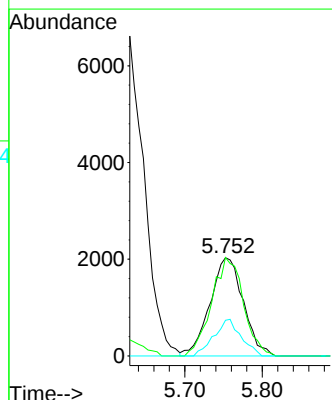
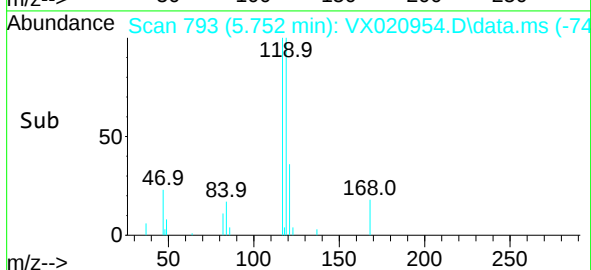
Tgt Ion: 75 Resp: 14840
Ion Ratio Lower Upper
75 100
110 7.8 18.1 54.4#
77 0.0 25.3 37.9#

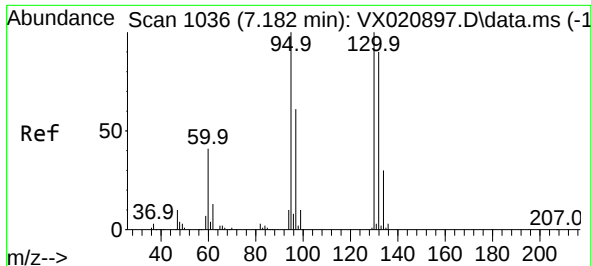


#38
Carbon Tetrachloride
Concen: 1.80 ug/l
RT: 5.752 min Scan# 793
Delta R.T. -0.000 min
Lab File: VX020954.D
Acq: 01 Mar 2021 23:00



Tgt Ion: 117 Resp: 6068
Ion Ratio Lower Upper
117 100
119 100.2 76.2 114.2
121 36.3 24.8 37.2

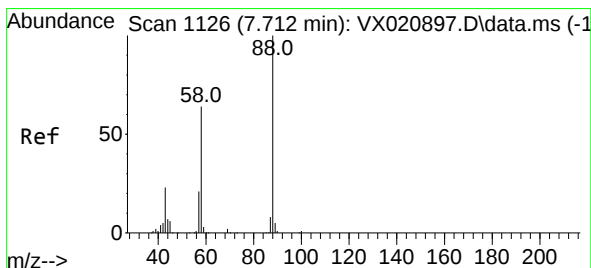
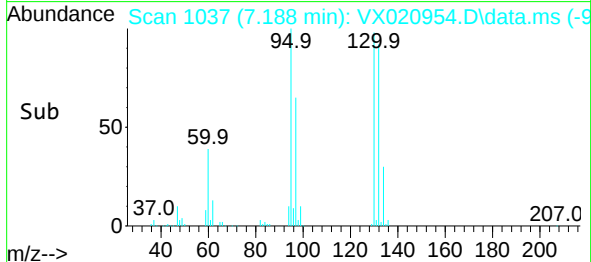
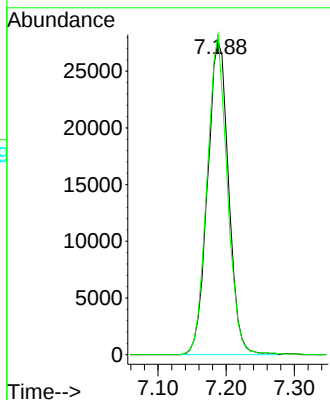
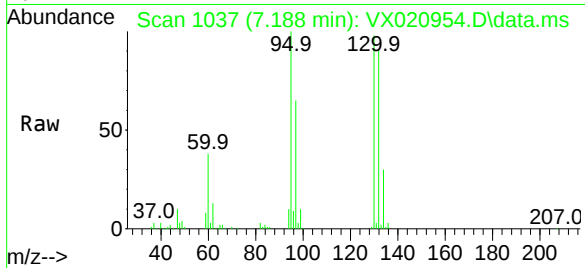




#44
Trichloroethene
Concen: 21.74 ug/l
RT: 7.188 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VX020954.D
Acq: 01 Mar 2021 23:00

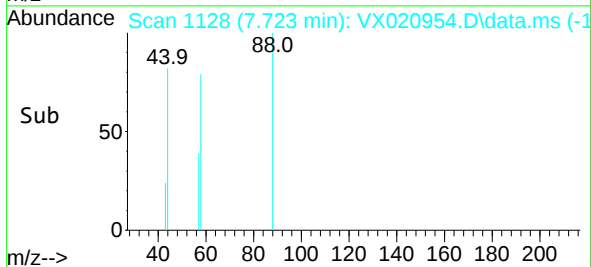
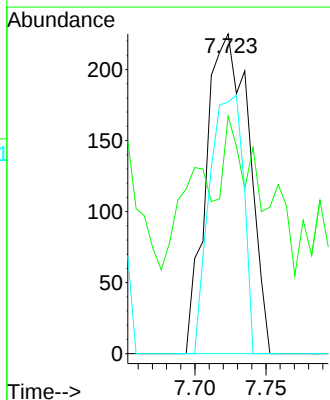
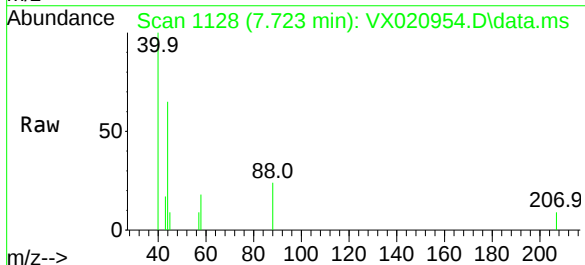
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW6-DUP-20210224

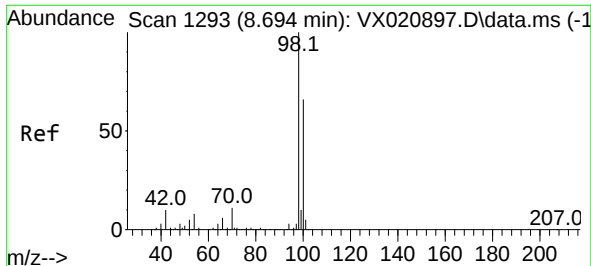
Tgt Ion:130 Resp: 59545
Ion Ratio Lower Upper
130 100
95 102.1 0.0 198.0



#49
1,4-Dioxane
Concen: 7.14 ug/l
RT: 7.723 min Scan# 1128
Delta R.T. 0.012 min
Lab File: VX020954.D
Acq: 01 Mar 2021 23:00

Tgt Ion: 88 Resp: 470
Ion Ratio Lower Upper
88 100
43 46.2 23.2 34.8#
58 63.8 55.0 82.4

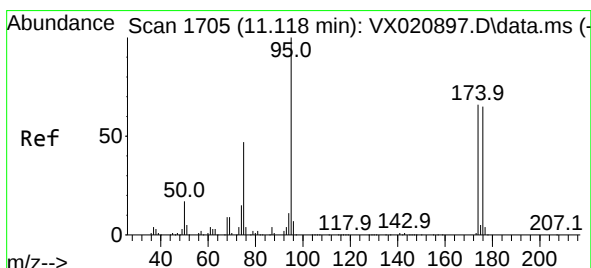
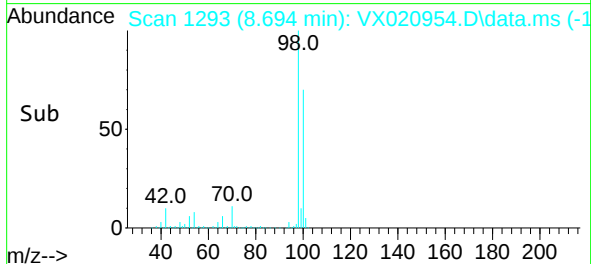
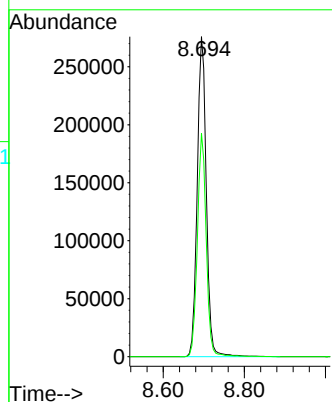
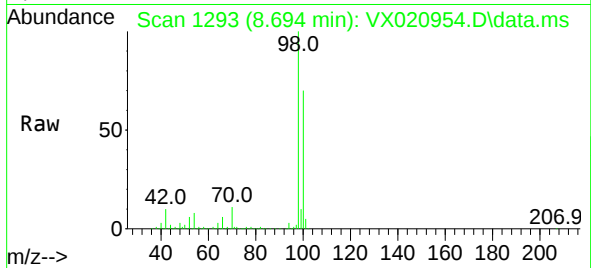




#50
Toluene-d8
Concen: 49.88 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX020954.D
Acq: 01 Mar 2021 23:00

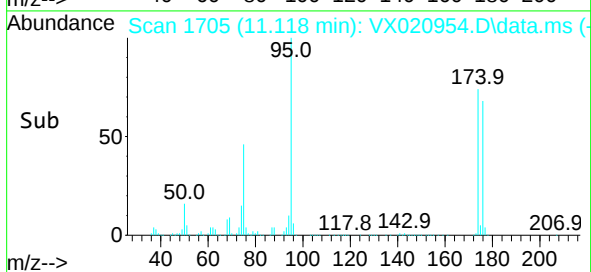
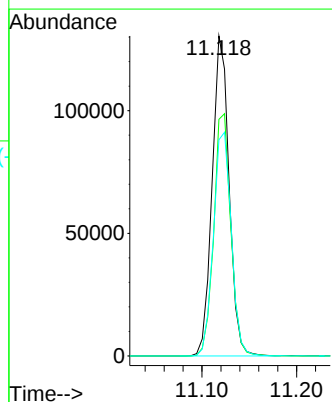
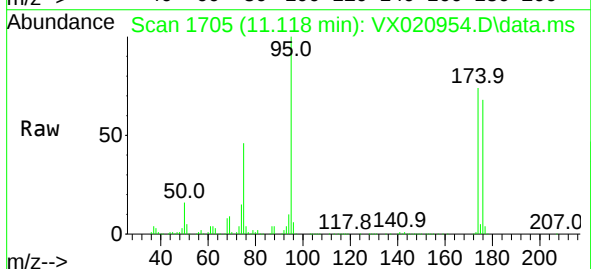
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW6-DUP-20210224

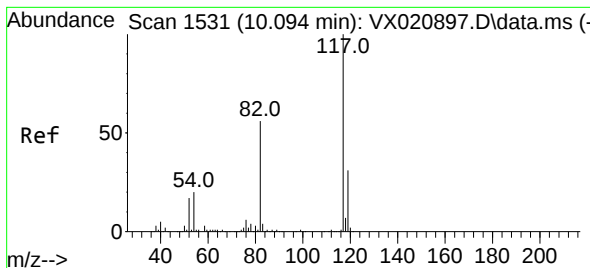
Tgt Ion: 98 Resp: 432103
Ion Ratio Lower Upper
98 100
100 68.1 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 50.45 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX020954.D
Acq: 01 Mar 2021 23:00

Tgt Ion: 95 Resp: 161600
Ion Ratio Lower Upper
95 100
174 76.2 0.0 154.6
176 74.1 0.0 155.8

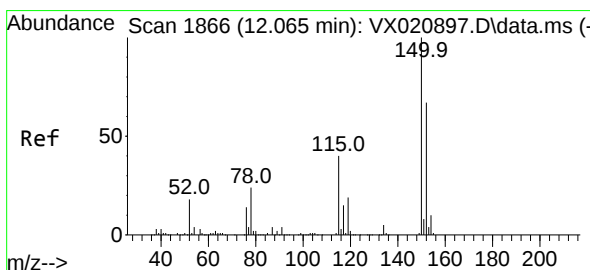
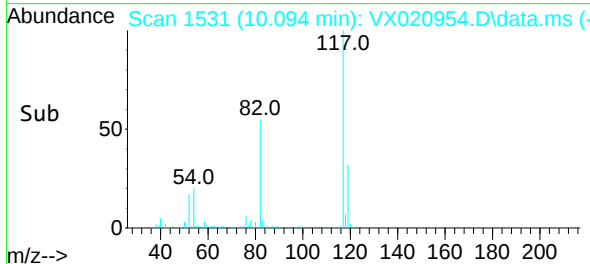
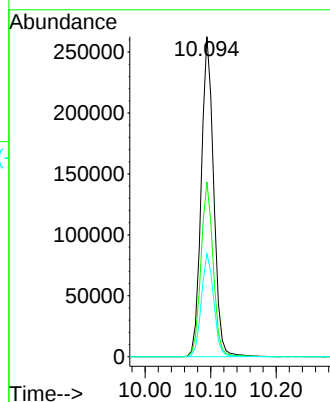
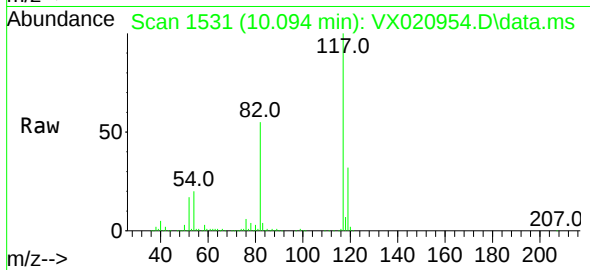




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX020954.D
Acq: 01 Mar 2021 23:00

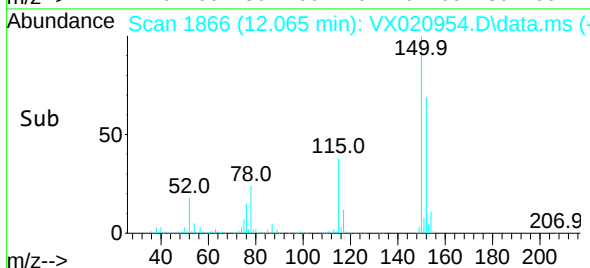
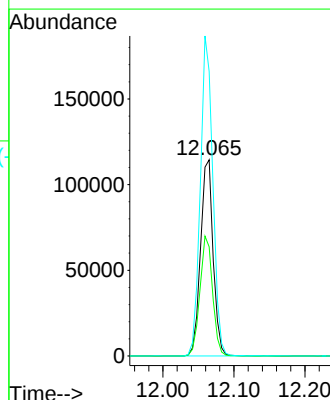
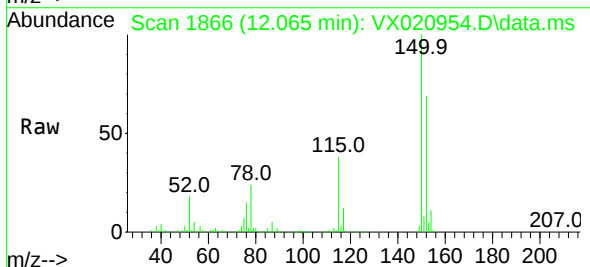
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW6-DUP-20210224

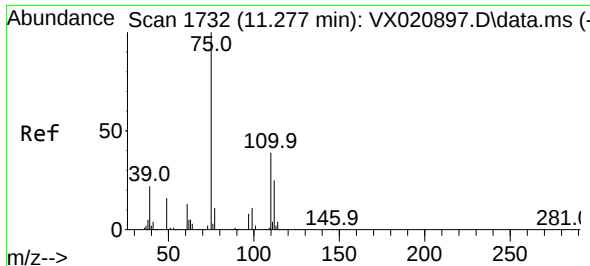
Tgt Ion:117 Resp: 346887
Ion Ratio Lower Upper
117 100
82 54.6 47.4 71.2
119 32.1 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.065 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VX020954.D
Acq: 01 Mar 2021 23:00

Tgt Ion:152 Resp: 141920
Ion Ratio Lower Upper
152 100
115 61.1 41.1 123.3
150 161.0 0.0 349.0

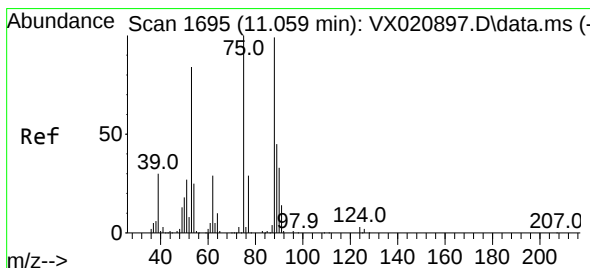
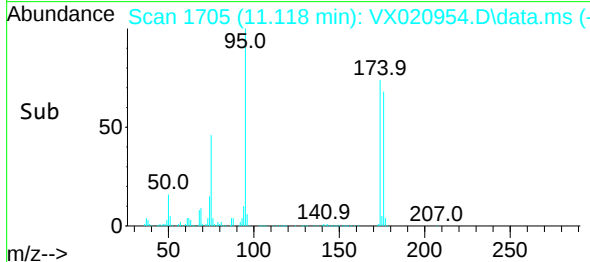
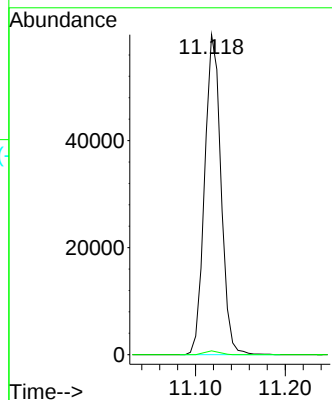
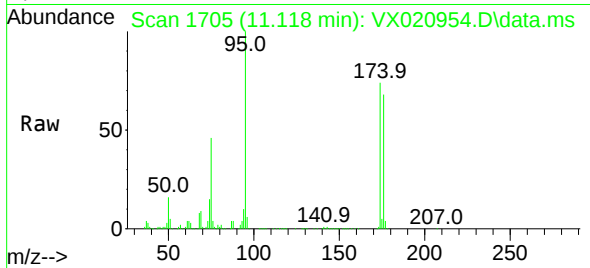




#76
1,2,3-Trichloropropane
Concen: 24.77 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX020954.D
Acq: 01 Mar 2021 23:00

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW6-DUP-20210224

Tgt Ion: 75 Resp: 75637
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 54.85 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX020954.D
Acq: 01 Mar 2021 23:00

Tgt Ion: 75 Resp: 75637
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

