

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123121\
 Data File : VX026194.D
 Acq On : 31 Dec 2021 02:05
 Operator : JC/MD
 Sample : PB141694ZHE#02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 31 21:34:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 30 08:02:21 2021
 Response via : Initial Calibration

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

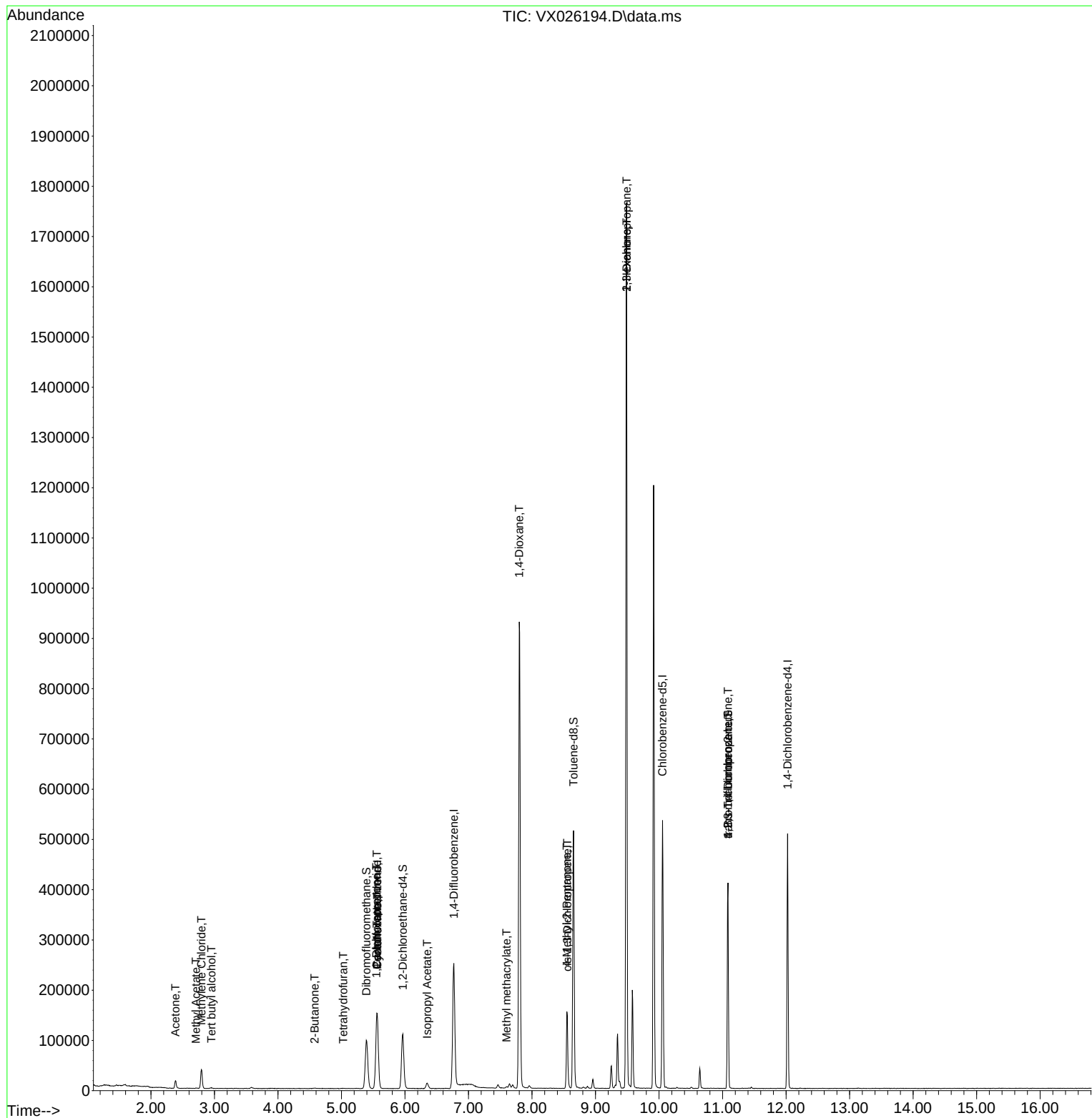
Internal Standards						
1) Pentafluorobenzene	5.562	168	134113	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	231533	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	215843	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	93920	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	103473	53.331	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 106.660%	
35) Dibromofluoromethane	5.391	113	80185	53.269	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.540%	
50) Toluene-d8	8.653	98	283776	50.683	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.360%	
62) 4-Bromofluorobenzene	11.085	95	99151	49.745	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 99.480%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	913	2.356	ug/l #	73
16) Acetone	2.386	43	16812	15.993	ug/l	95
18) Methyl Acetate	2.709	43	1532	0.449	ug/l #	80
20) Methylene Chloride	2.794	84	15779	8.605	ug/l	98
25) 2-Butanone	4.574	43	1419	0.969	ug/l #	71
29) Tetrahydrofuran	5.025	42	382	0.414	ug/l #	45
31) Cyclohexane	5.562	56	3498	1.266	ug/l #	38
36) 1,1-Dichloropropene	5.550	75	11729	4.831	ug/l #	49
38) Carbon Tetrachloride	5.556	117	14369	5.321	ug/l #	14
43) Isopropyl Acetate	6.348	43	14791	3.224	ug/l	94
48) Methyl methacrylate	7.598	41	4455	2.025	ug/l #	12
49) 1,4-Dioxane	7.799	88	56	1.381	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	56001	19.614	ug/l #	48
54) cis-1,3-Dichloropropene	8.555	75	22556	7.979	ug/l #	65
57) 1,3-Dichloropropane	9.488	76	14105	4.697	ug/l #	43
59) 2-Hexanone	9.488	43	219301	101.401	ug/l #	49
76) 1,2,3-Trichloropropane	11.085	75	56981	25.135	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	56981	72.716	ug/l #	10

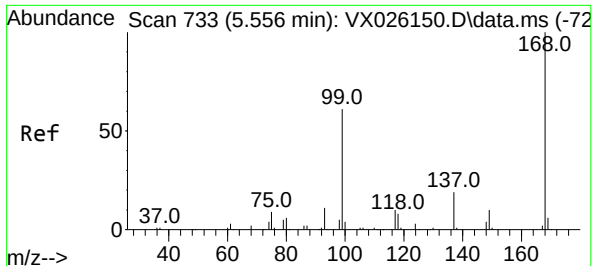
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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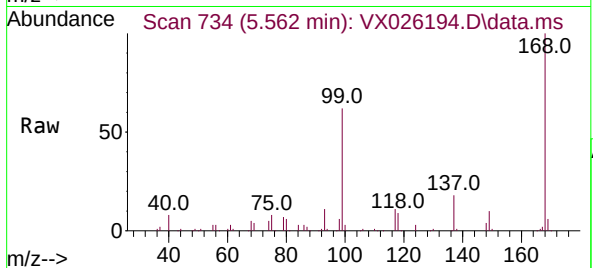
Quant Time: Dec 31 21:34:03 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 30 08:02:21 2021
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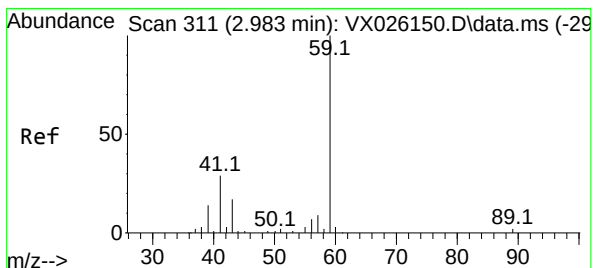
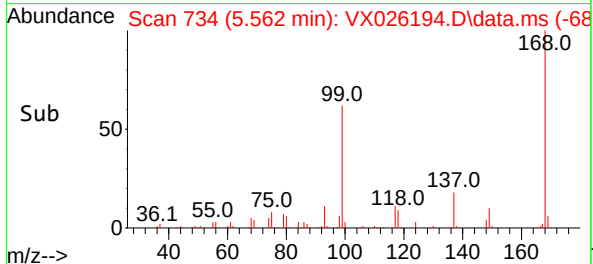
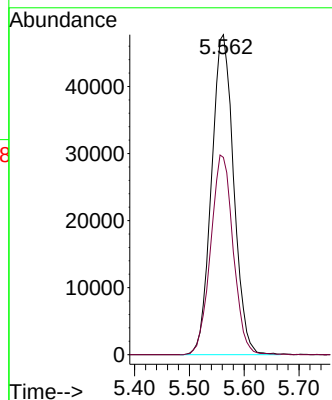


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX026194.D
Acq: 31 Dec 2021 02:05

Instrument :
MSVOA_X
ClientSampleId :

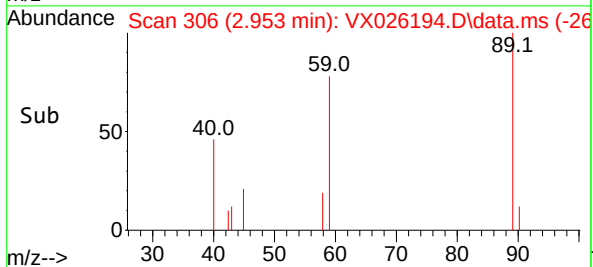
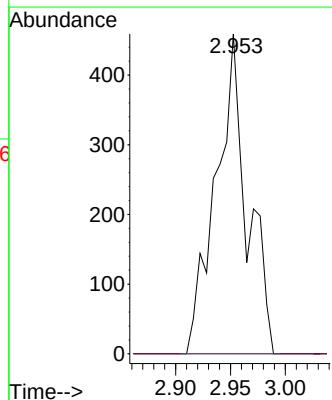
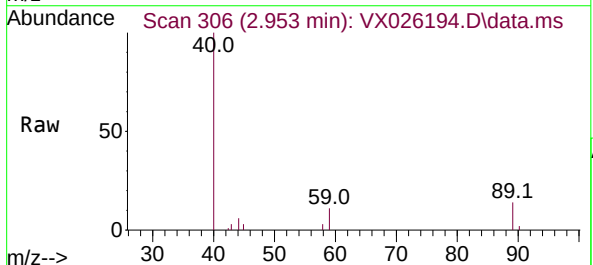


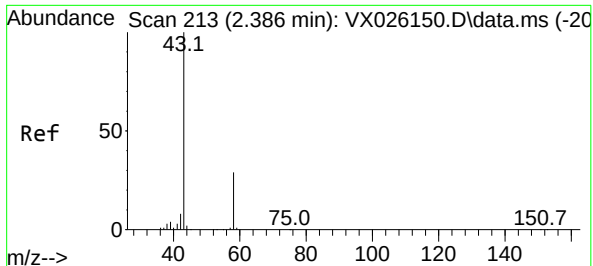
Tgt Ion:168 Resp: 134113
Ion Ratio Lower Upper
168 100
99 61.6 45.8 68.8



#11
Tert butyl alcohol
Concen: 2.356 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX026194.D
Acq: 31 Dec 2021 02:05

Tgt Ion: 59 Resp: 913
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

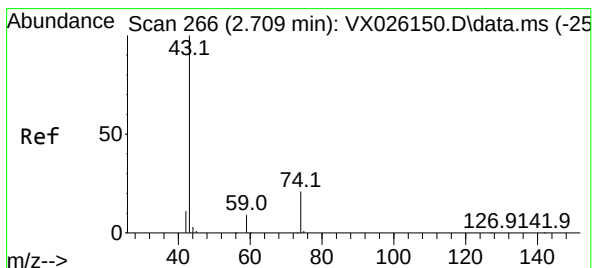
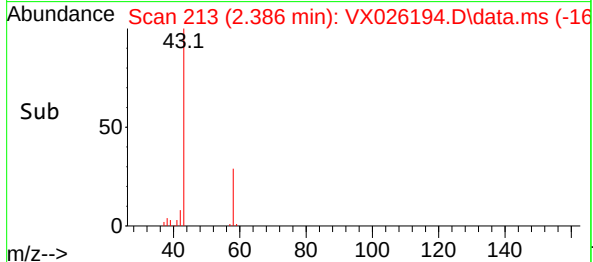
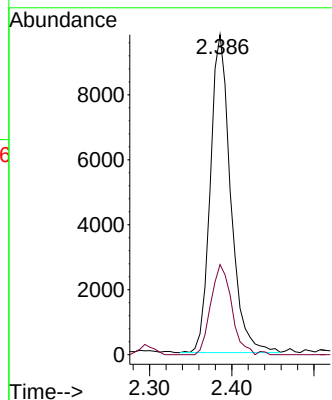
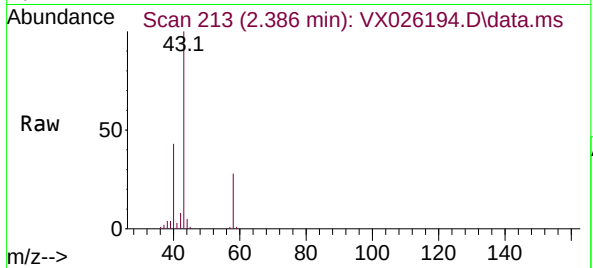




#16
Acetone
Concen: 15.993 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX026194.D
Acq: 31 Dec 2021 02:05

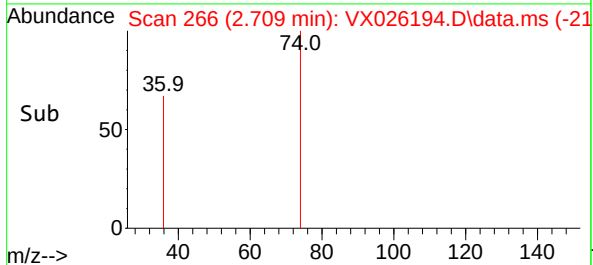
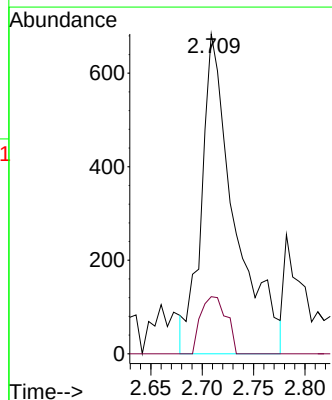
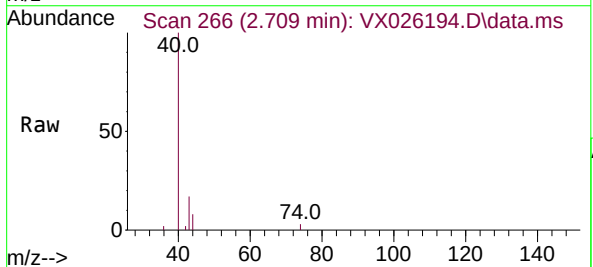
Instrument :
MSVOA_X
ClientSampleId :

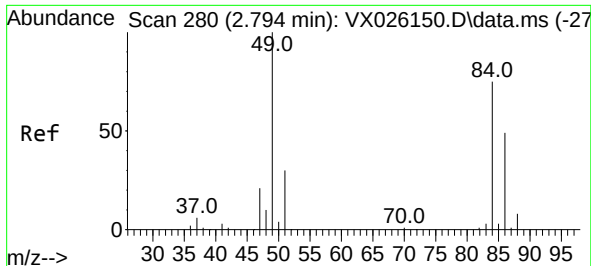
Tgt Ion: 43 Resp: 16812
Ion Ratio Lower Upper
43 100
58 28.3 24.8 37.2



#18
Methyl Acetate
Concen: 0.449 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX026194.D
Acq: 31 Dec 2021 02:05

Tgt Ion: 43 Resp: 1532
Ion Ratio Lower Upper
43 100
74 13.9 19.1 28.7#





#20

Methylene Chloride

Concen: 8.605 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.000 min

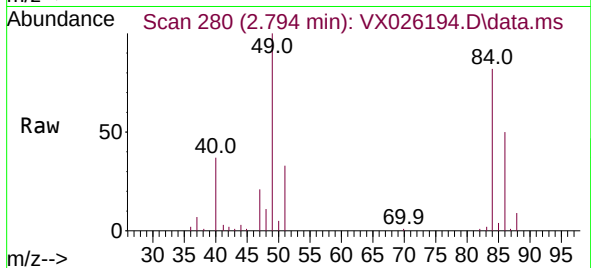
Lab File: VX026194.D

Acq: 31 Dec 2021 02:05

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 15779

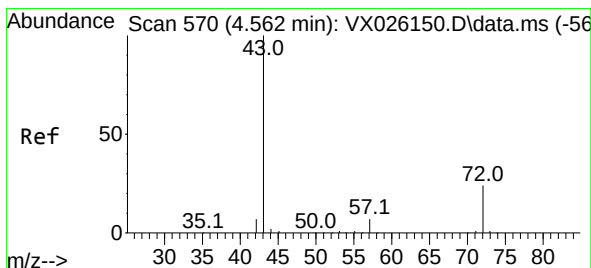
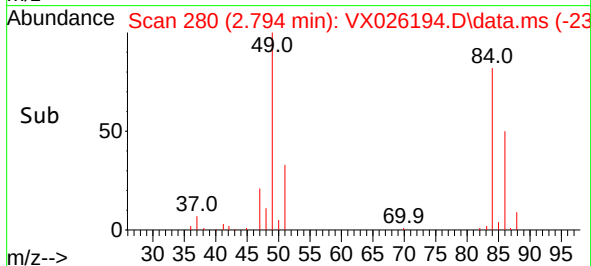
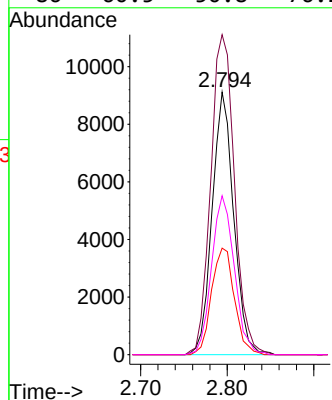
Ion Ratio Lower Upper

84 100

49 121.9 97.1 145.7

51 40.6 29.3 43.9

86 60.5 50.8 76.2



#25

2-Butanone

Concen: 0.969 ug/l

RT: 4.574 min Scan# 572

Delta R.T. 0.012 min

Lab File: VX026194.D

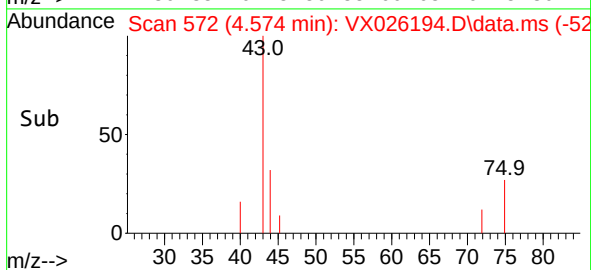
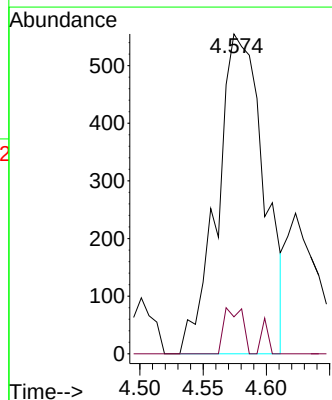
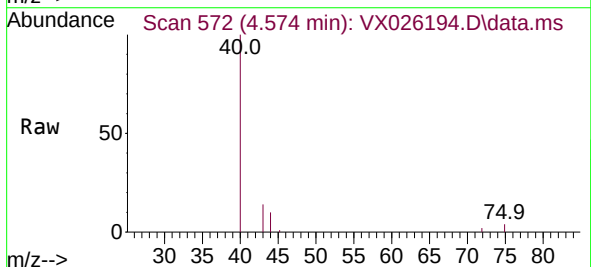
Acq: 31 Dec 2021 02:05

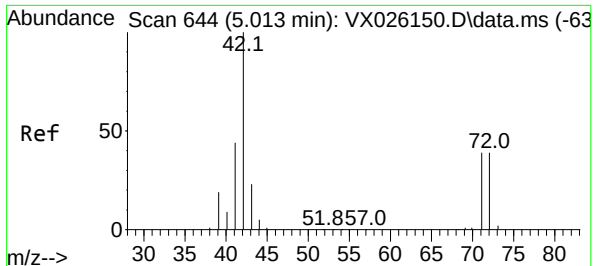
Tgt Ion: 43 Resp: 1419

Ion Ratio Lower Upper

43 100

72 11.5 21.0 31.4#





#29

Tetrahydrofuran

Concen: 0.414 ug/l

RT: 5.025 min Scan# 64

Delta R.T. 0.012 min

Lab File: VX026194.D

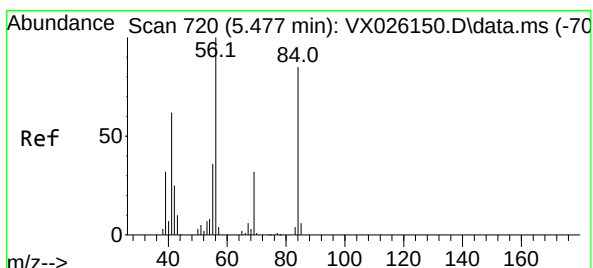
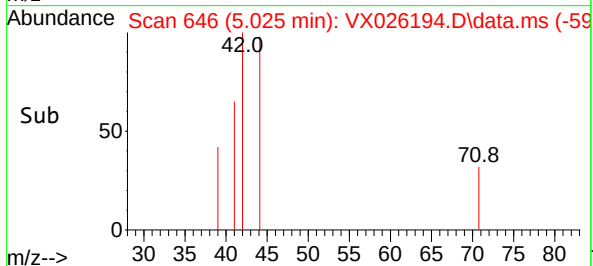
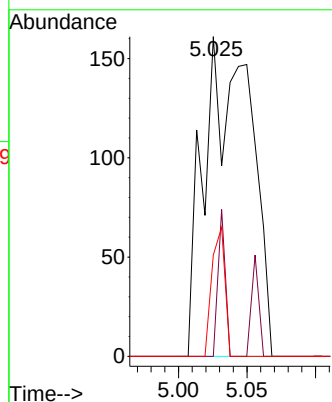
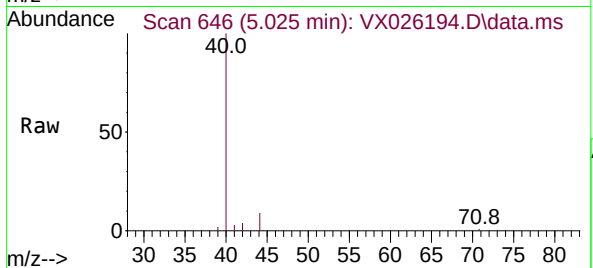
Acq: 31 Dec 2021 02:05

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 42	Resp: 382
Ion Ratio	Lower Upper
42 100	
72 7.1	37.0 55.6#
71 11.0	34.1 51.1#



#31

Cyclohexane

Concen: 1.266 ug/l

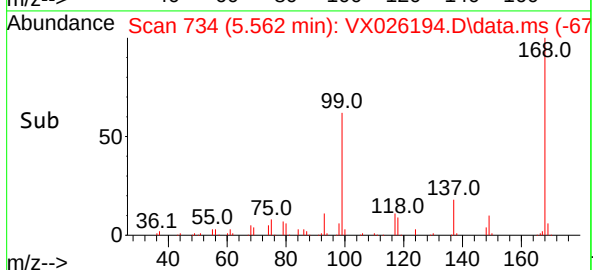
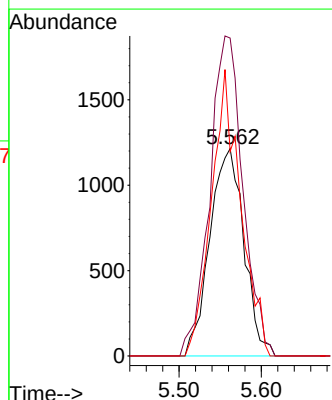
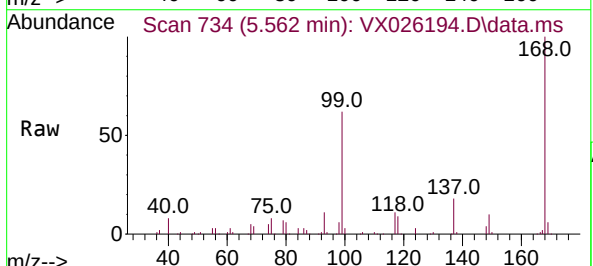
RT: 5.562 min Scan# 734

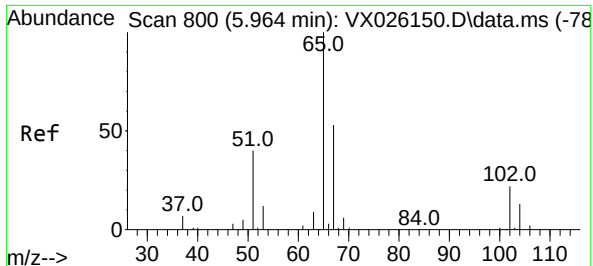
Delta R.T. 0.085 min

Lab File: VX026194.D

Acq: 31 Dec 2021 02:05

Tgt Ion: 56	Resp: 3498
Ion Ratio	Lower Upper
56 100	
69 153.4	23.9 35.9#
84 98.7	73.2 109.8





#33

1,2-Dichloroethane-d4

Concen: 53.331 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX026194.D

Acq: 31 Dec 2021 02:05

Instrument :

MSVOA_X

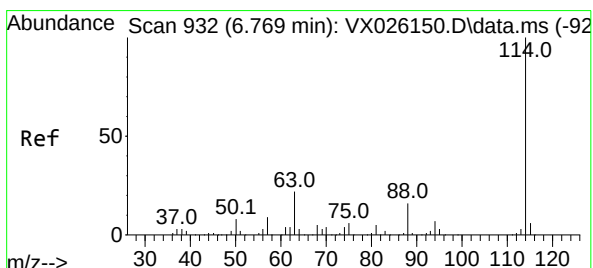
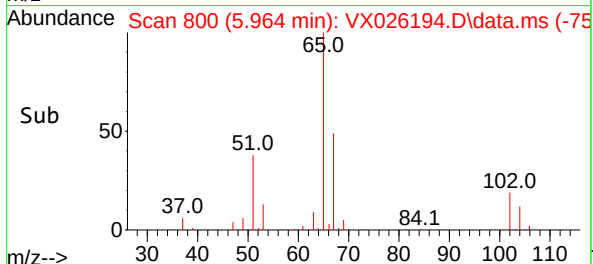
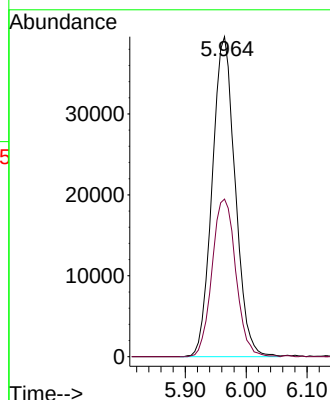
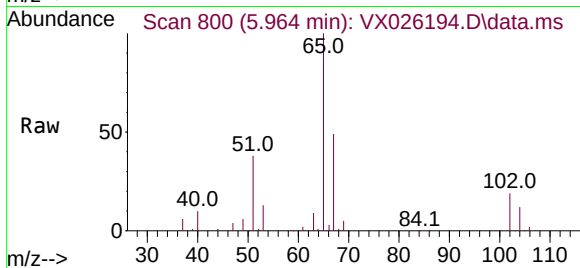
ClientSampleId :

Tgt Ion: 65 Resp: 103473

Ion Ratio Lower Upper

65 100

67 51.0 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX026194.D

Acq: 31 Dec 2021 02:05

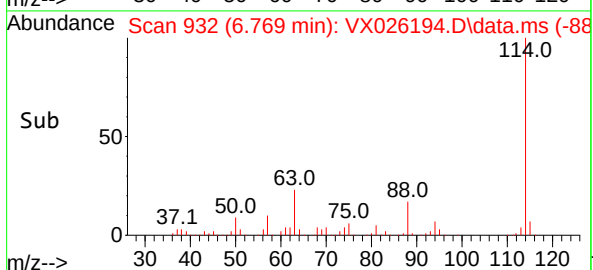
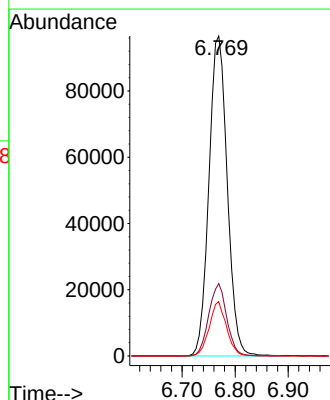
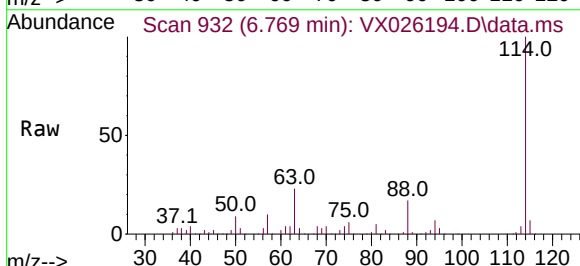
Tgt Ion: 114 Resp: 231533

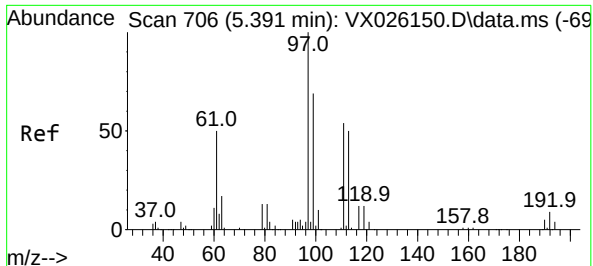
Ion Ratio Lower Upper

114 100

63 22.6 0.0 40.0

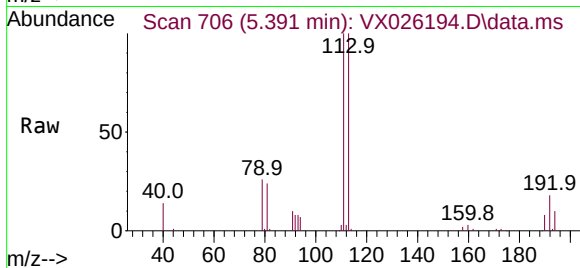
88 17.0 0.0 30.6



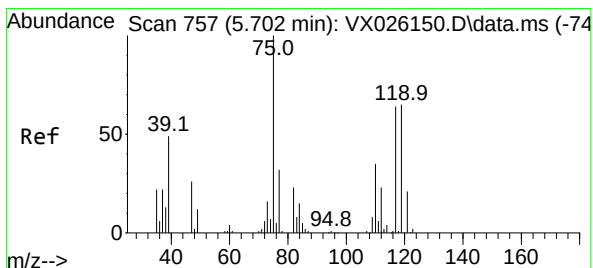
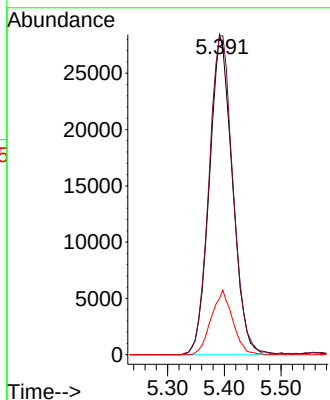
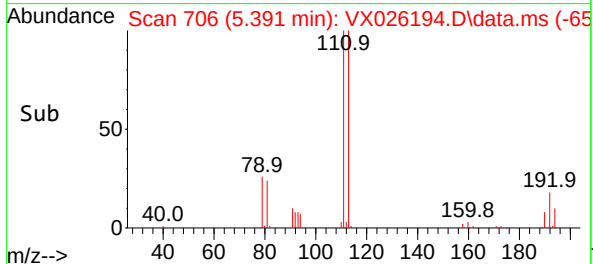


#35
Dibromofluoromethane
Concen: 53.269 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026194.D
Acq: 31 Dec 2021 02:05

Instrument :
MSVOA_X
ClientSampleId :

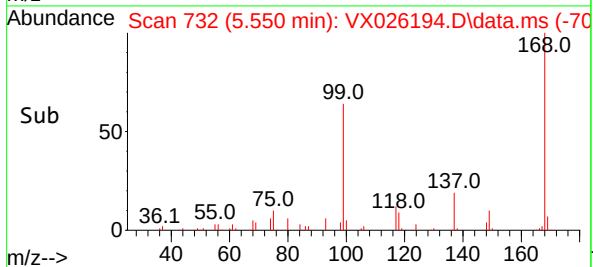
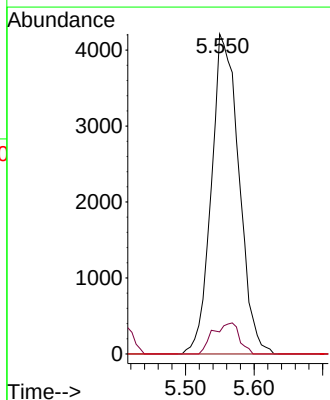
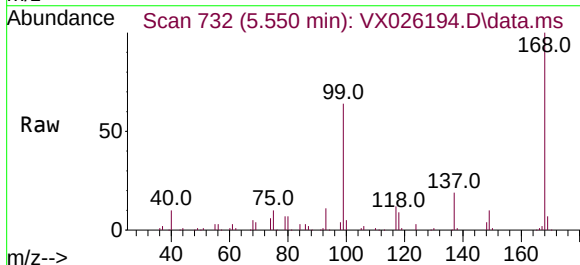


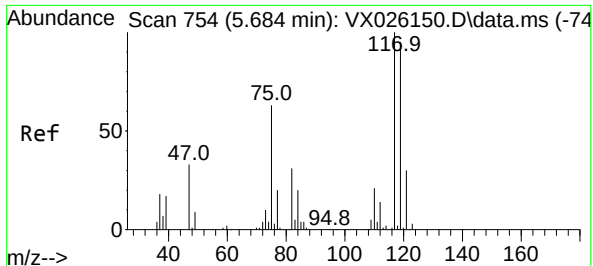
Tgt Ion:113 Resp: 80185
Ion Ratio Lower Upper
113 100
111 103.4 81.8 122.8
192 18.7 15.0 22.4



#36
1,1-Dichloropropene
Concen: 4.831 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.152 min
Lab File: VX026194.D
Acq: 31 Dec 2021 02:05

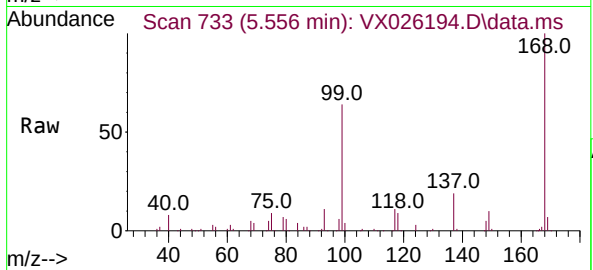
Tgt Ion: 75 Resp: 11729
Ion Ratio Lower Upper
75 100
110 9.3 18.2 54.6#
77 0.0 24.7 37.1#



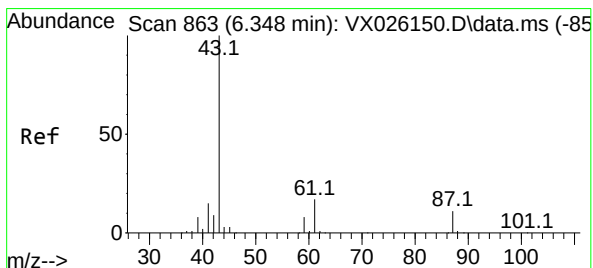
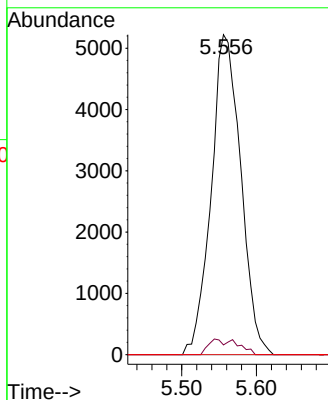
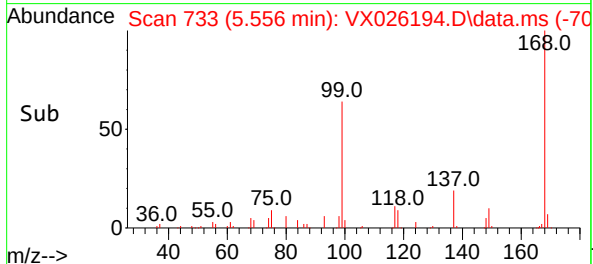


#38
Carbon Tetrachloride
Concen: 5.321 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX026194.D
Acq: 31 Dec 2021 02:05

Instrument :
MSVOA_X
ClientSampleId :

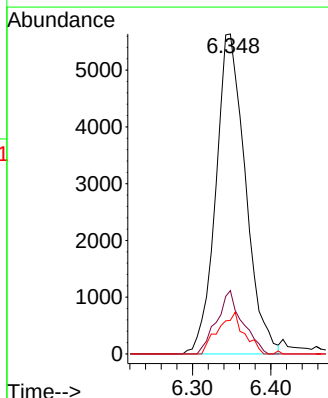
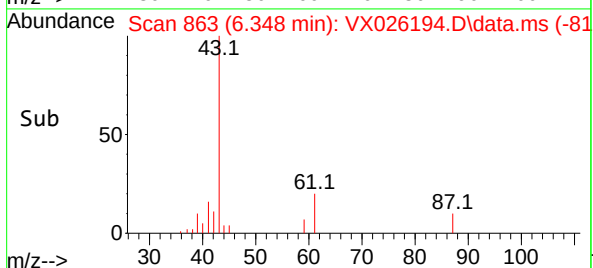
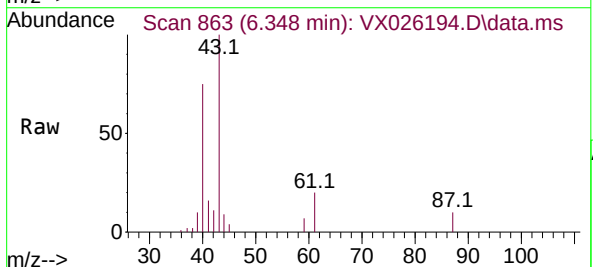


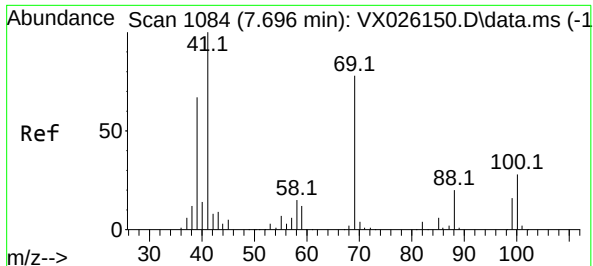
Tgt Ion:117 Resp: 14369
Ion Ratio Lower Upper
117 100
119 3.0 77.2 115.8#
121 0.0 23.8 35.8#



#43
Isopropyl Acetate
Concen: 3.224 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.000 min
Lab File: VX026194.D
Acq: 31 Dec 2021 02:05

Tgt Ion: 43 Resp: 14791
Ion Ratio Lower Upper
43 100
61 17.3 15.7 23.5
87 11.4 11.2 16.8





#48

Methyl methacrylate

Concen: 2.025 ug/l

RT: 7.598 min Scan# 1100

Delta R.T. -0.098 min

Lab File: VX026194.D

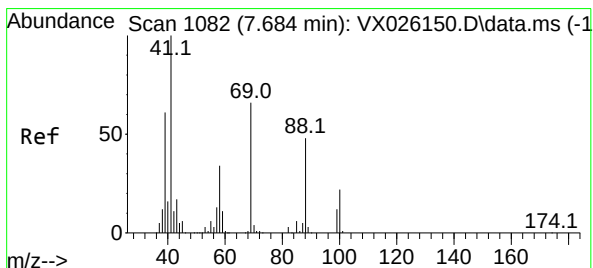
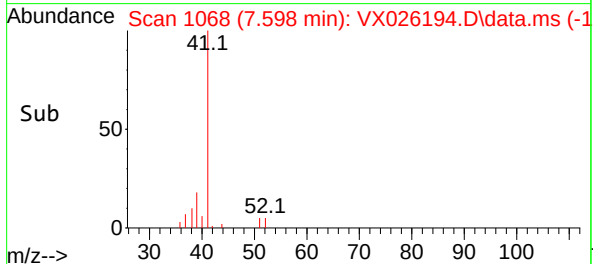
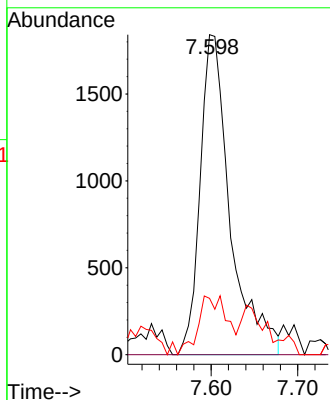
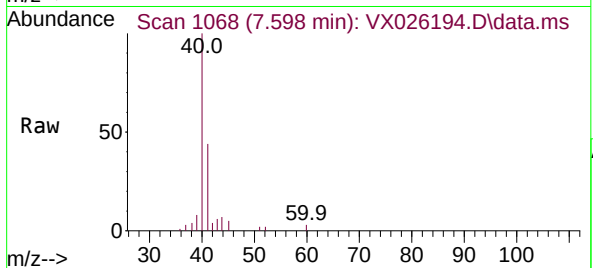
Acq: 31 Dec 2021 02:05

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	41	Resp:	4455
Ion	Ratio	Lower	Upper
41	100		
69	0.0	67.3	100.9#
39	0.0	50.2	75.2#



#49

1,4-Dioxane

Concen: 1.381 ug/l

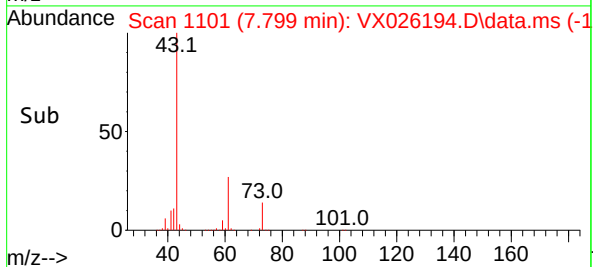
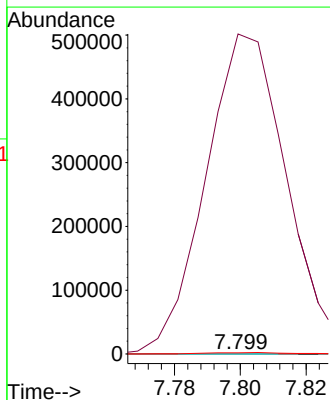
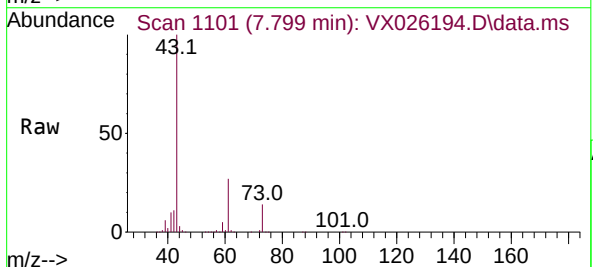
RT: 7.799 min Scan# 1101

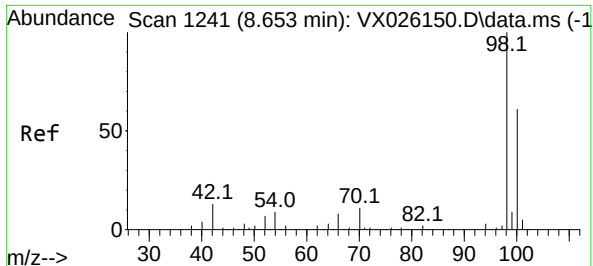
Delta R.T. 0.115 min

Lab File: VX026194.D

Acq: 31 Dec 2021 02:05

Tgt Ion:	88	Resp:	56
Ion	Ratio	Lower	Upper
88	100		
43	1546248.2	25.3	37.9#
58	6812.5	51.8	77.6#





#50

Toluene-d8

Concen: 50.683 ug/l

RT: 8.653 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX026194.D

Acq: 31 Dec 2021 02:05

Instrument :

MSVOA_X

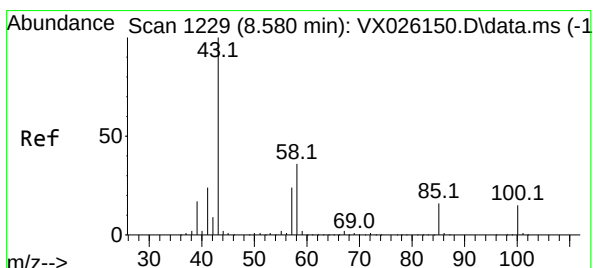
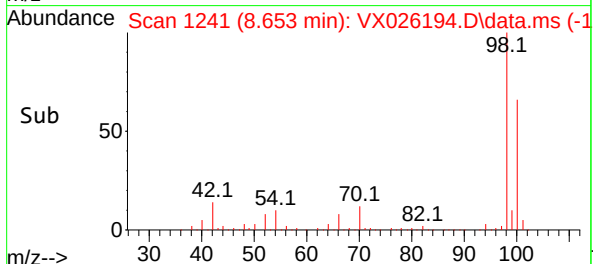
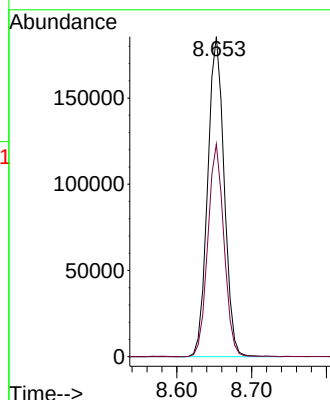
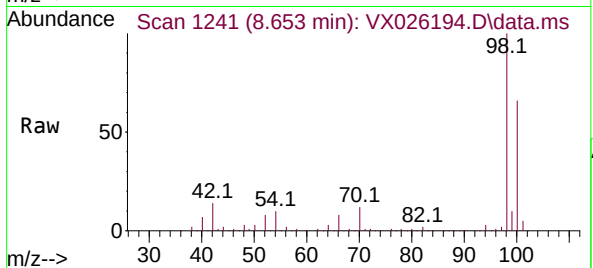
ClientSampleId :

Tgt Ion: 98 Resp: 283776

Ion Ratio Lower Upper

98 100

100 65.1 52.6 78.8



#51

4-Methyl-2-Pentanone

Concen: 19.614 ug/l

RT: 8.549 min Scan# 1224

Delta R.T. -0.031 min

Lab File: VX026194.D

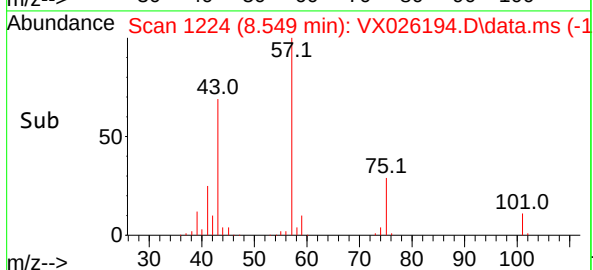
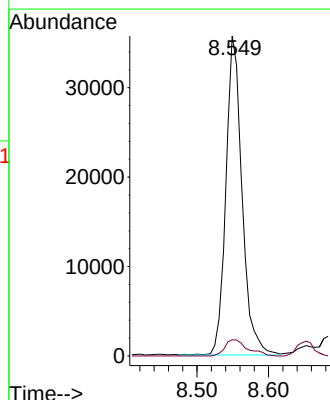
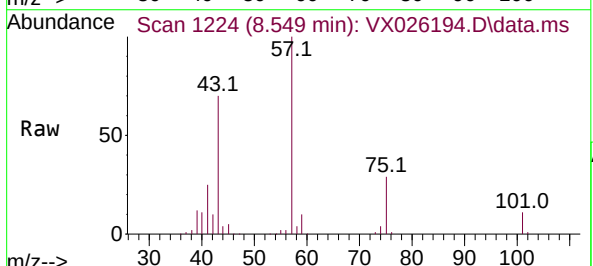
Acq: 31 Dec 2021 02:05

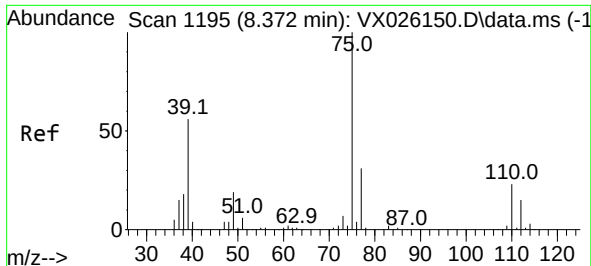
Tgt Ion: 43 Resp: 56001

Ion Ratio Lower Upper

43 100

58 7.1 30.8 46.2#

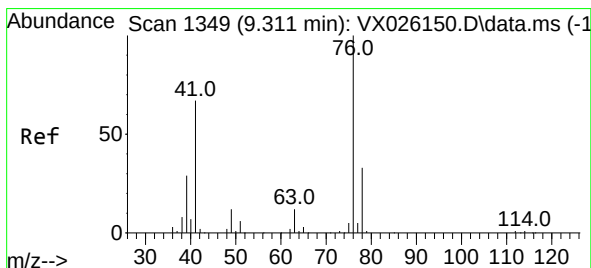
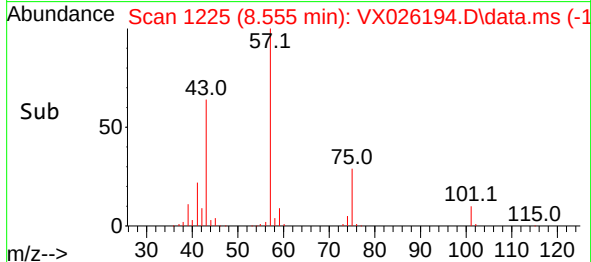
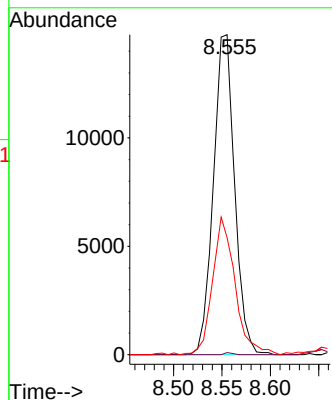
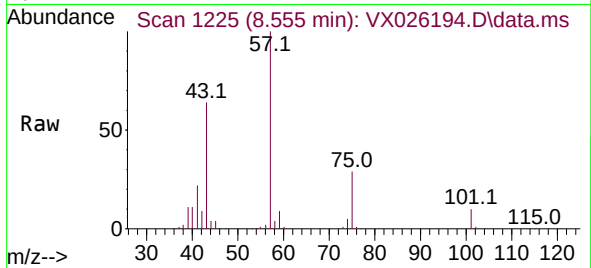




#54
 cis-1,3-Dichloropropene
 Concen: 7.979 ug/l
 RT: 8.555 min Scan# 1195
 Delta R.T. 0.183 min
 Lab File: VX026194.D
 Acq: 31 Dec 2021 02:05

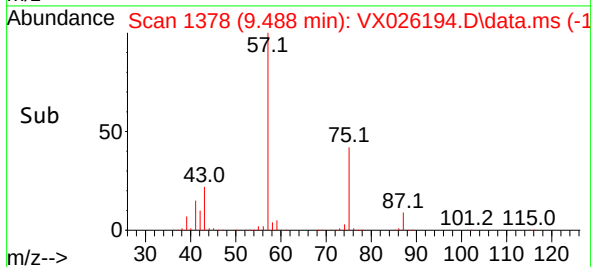
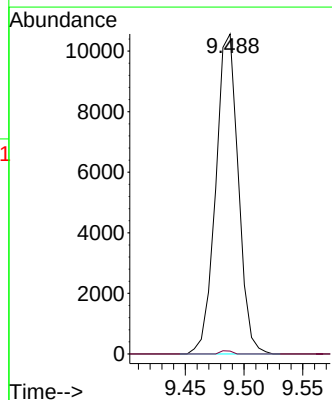
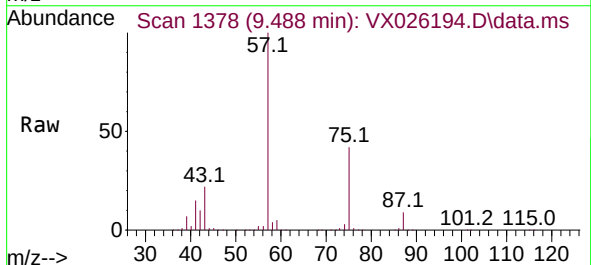
Instrument :
 MSVOA_X
 ClientSampleId :

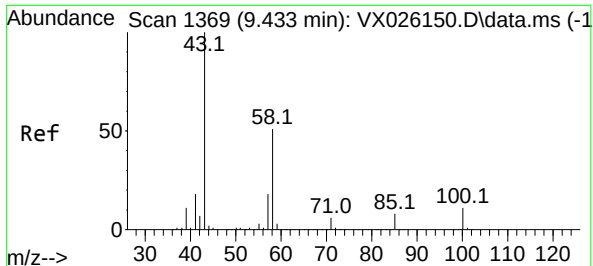
Tgt Ion: 75 Resp: 22556
 Ion Ratio Lower Upper
 75 100
 77 0.6 25.3 37.9#
 39 36.5 41.4 62.0#



#57
 1,3-Dichloropropane
 Concen: 4.697 ug/l
 RT: 9.488 min Scan# 1378
 Delta R.T. 0.177 min
 Lab File: VX026194.D
 Acq: 31 Dec 2021 02:05

Tgt Ion: 76 Resp: 14105
 Ion Ratio Lower Upper
 76 100
 78 0.5 26.0 39.0#

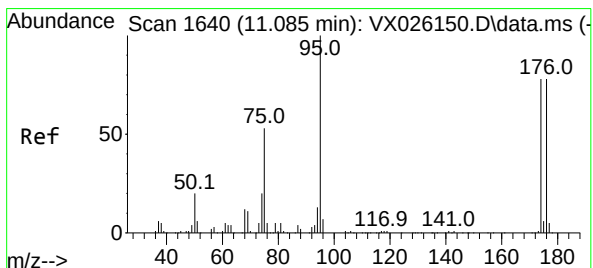
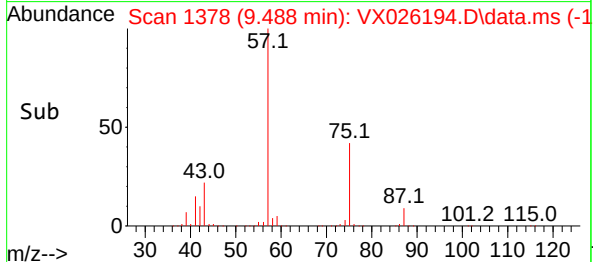
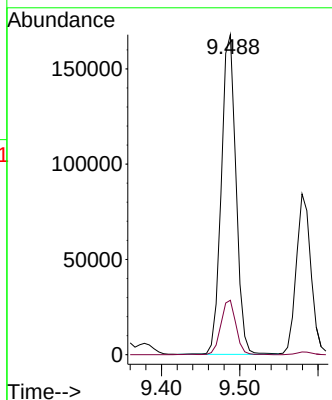
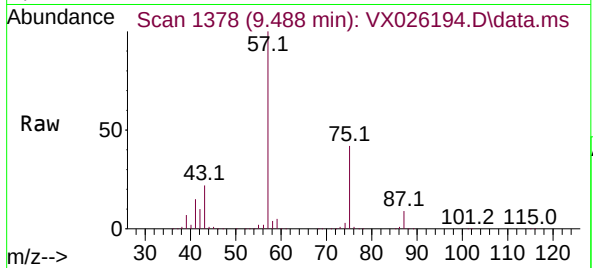




#59
2-Hexanone
Concen: 101.401 ug/l
RT: 9.488 min Scan# 11
Delta R.T. 0.055 min
Lab File: VX026194.D
Acq: 31 Dec 2021 02:05

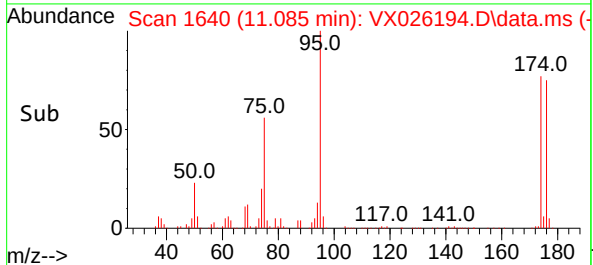
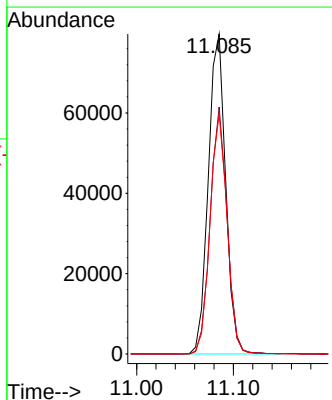
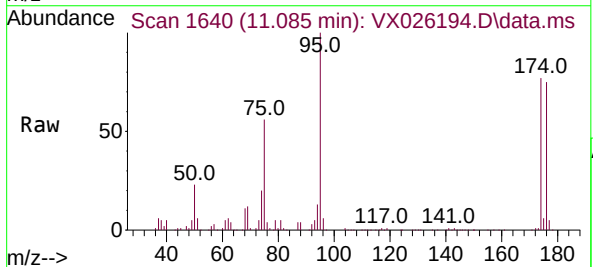
Instrument :
MSVOA_X
ClientSampleId :

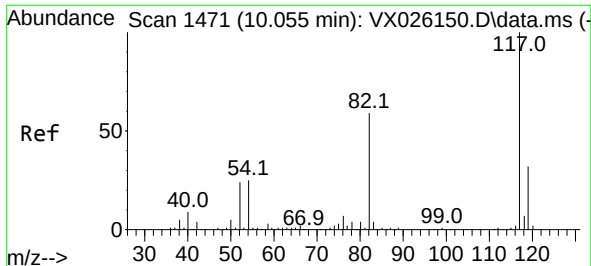
Tgt Ion: 43 Resp: 219301
Ion Ratio Lower Upper
43 100
58 17.4 26.9 80.6#



#62
4-Bromofluorobenzene
Concen: 49.745 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX026194.D
Acq: 31 Dec 2021 02:05

Tgt Ion: 95 Resp: 99151
Ion Ratio Lower Upper
95 100
174 74.9 0.0 157.4
176 73.8 0.0 154.6

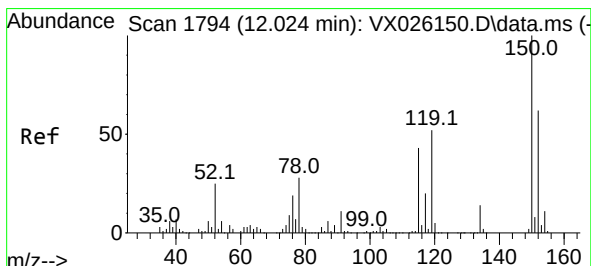
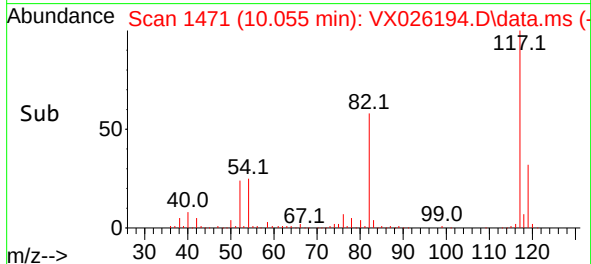
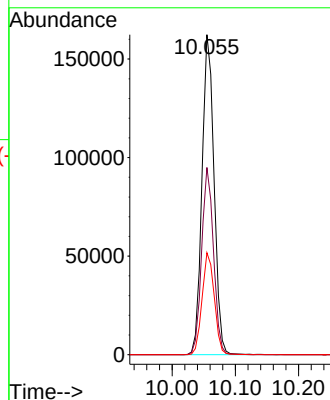
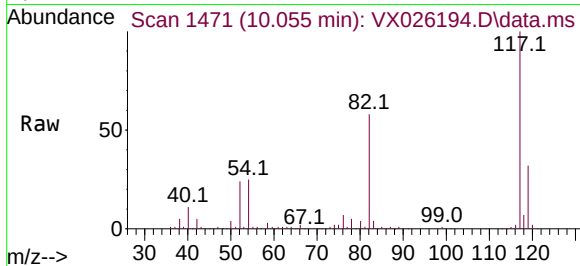




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026194.D
Acq: 31 Dec 2021 02:05

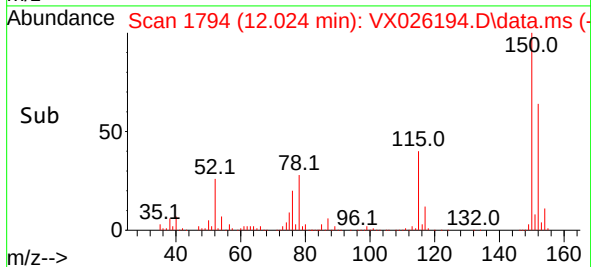
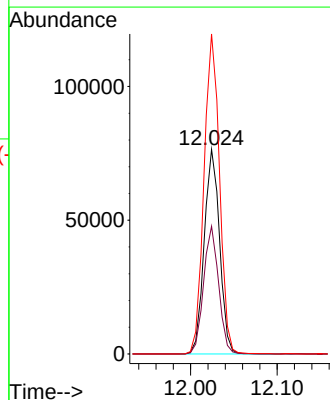
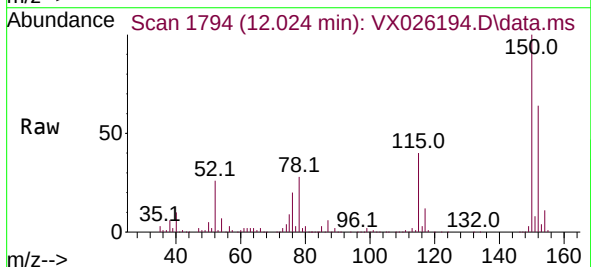
Instrument :
MSVOA_X
ClientSampleId :

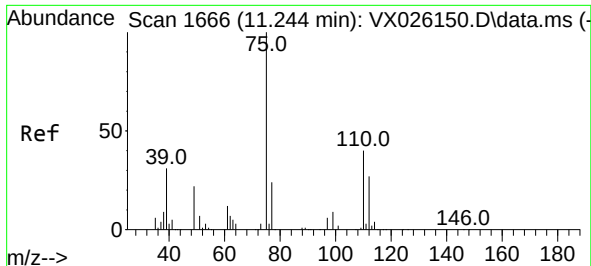
Tgt Ion:117 Resp: 215843
Ion Ratio Lower Upper
117 100
82 58.5 43.8 65.6
119 31.9 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026194.D
Acq: 31 Dec 2021 02:05

Tgt Ion:152 Resp: 93920
Ion Ratio Lower Upper
152 100
115 61.1 41.3 123.9
150 158.1 0.0 351.8

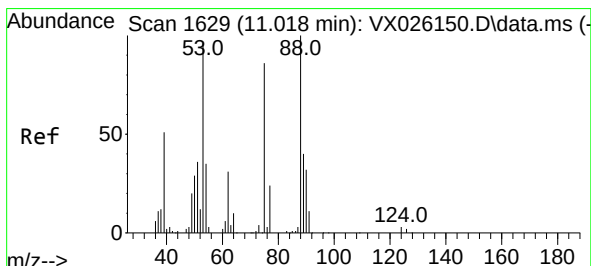
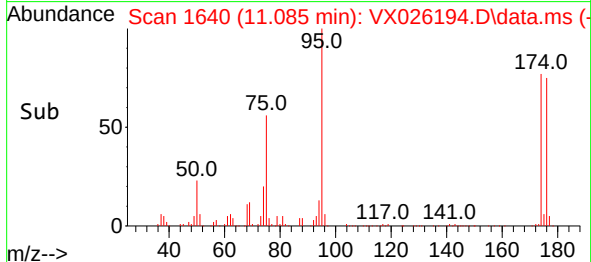
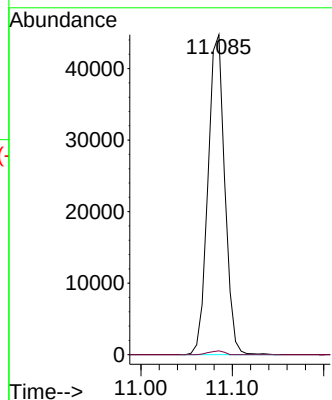
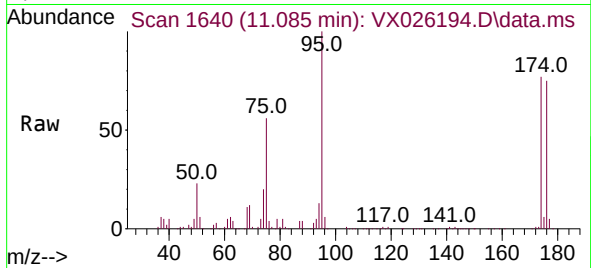




#76
1,2,3-Trichloropropane
Concen: 25.135 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX026194.D
Acq: 31 Dec 2021 02:05

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 56981
Ion Ratio Lower Upper
75 100
77 1.1 19.0 57.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.716 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX026194.D
Acq: 31 Dec 2021 02:05

Tgt Ion: 75 Resp: 56981
Ion Ratio Lower Upper
75 100
53 0.0 79.5 119.3#
89 0.0 38.3 57.5#

