

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010422\
 Data File : VX026297.D
 Acq On : 05 Jan 2022 02:15
 Operator : JC/MD
 Sample : PB141821ZHE#03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 05 06:42:42 2022
 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	5.556	168	152085	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	263283	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	226769	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96890	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	117396	53.356	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 106.720%	
35) Dibromofluoromethane	5.391	113	85779	50.114	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.220%	
50) Toluene-d8	8.653	98	307288	48.264	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 96.520%	
62) 4-Bromofluorobenzene	11.079	95	114419	50.482	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 100.960%	

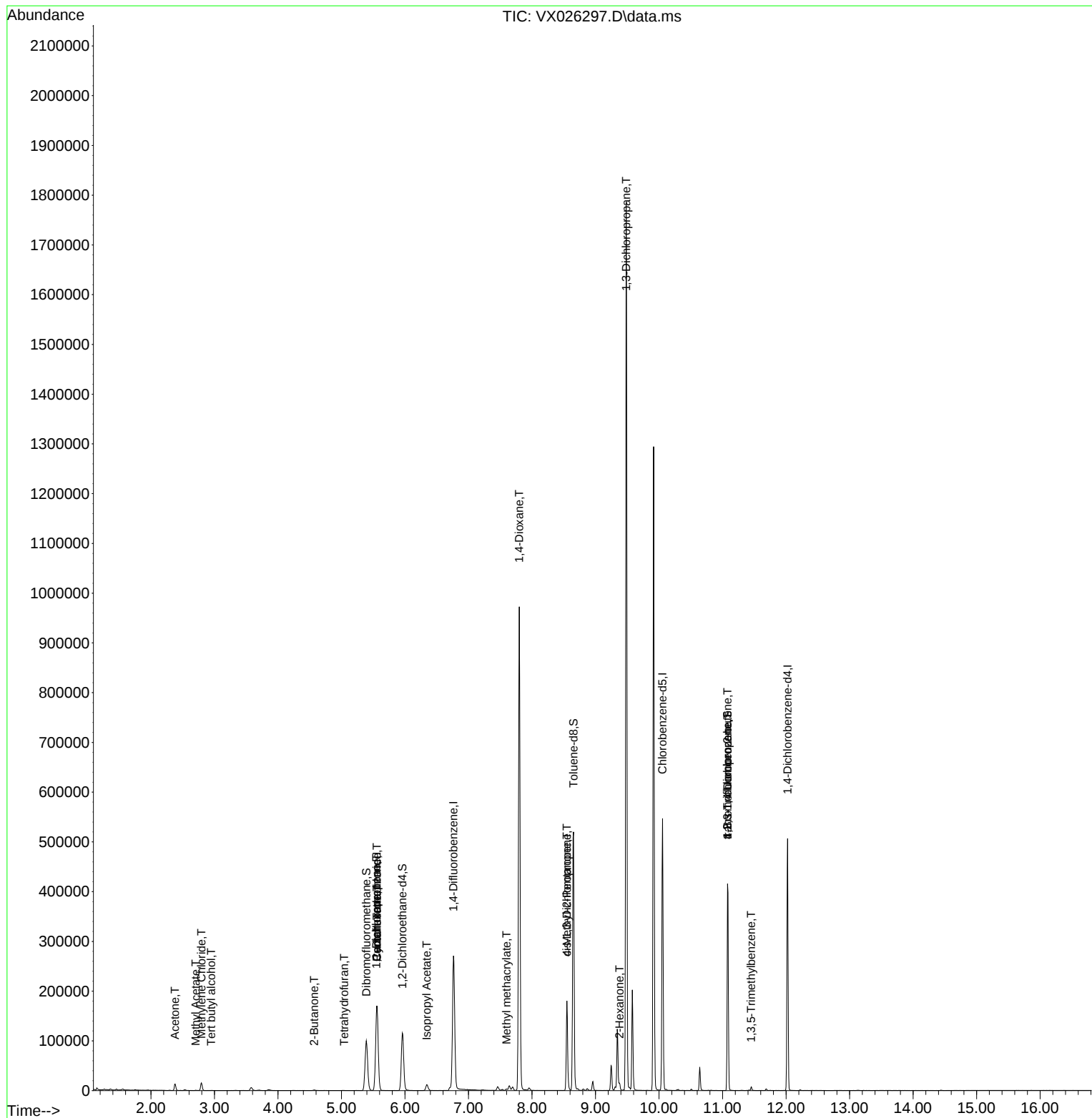
Target Compounds				Qvalue		
11) Tert butyl alcohol	2.947	59	244	0.555	ug/l #	73
16) Acetone	2.380	43	15065	12.637	ug/l	93
18) Methyl Acetate	2.703	43	981	0.254	ug/l #	81
20) Methylene Chloride	2.794	84	6639	2.587	ug/l	94
25) 2-Butanone	4.568	43	2235	1.346	ug/l	91
29) Tetrahydrofuran	5.044	42	377	0.360	ug/l #	32
31) Cyclohexane	5.556	56	3564	1.137	ug/l #	16
36) 1,1-Dichloropropene	5.550	75	13069	4.734	ug/l #	49
38) Carbon Tetrachloride	5.556	117	16939	5.516	ug/l #	15
43) Isopropyl Acetate	6.342	43	16745	3.210	ug/l	95
48) Methyl methacrylate	7.598	41	4290	1.715	ug/l #	12
49) 1,4-Dioxane	7.799	88	55	1.193	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	63017	19.410	ug/l #	48
54) cis-1,3-Dichloropropene	8.549	75	26272	8.173	ug/l #	63
57) 1,3-Dichloropropane	9.482	76	14800	4.334	ug/l #	42
59) 2-Hexanone	9.378	43	8176	3.325	ug/l #	25
76) 1,2,3-Trichloropropane	11.079	75	60420	25.835	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.451	105	3314	0.530	ug/l	94
81) trans-1,4-Dichloro-2-b...	11.079	75	60420	74.741	ug/l #	10

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

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MSVOA_X
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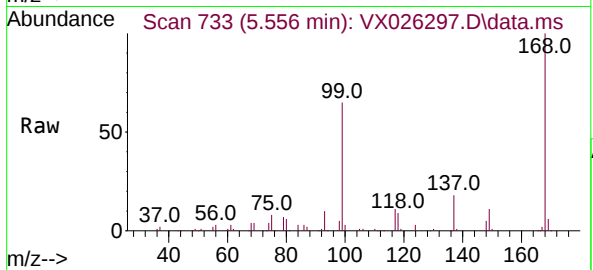
Quant Time: Jan 05 06:42:42 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 30 08:02:21 2021
Response via : Initial Calibration



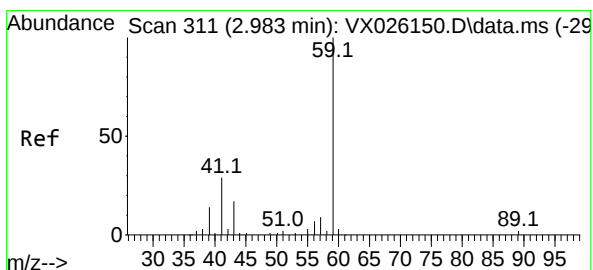
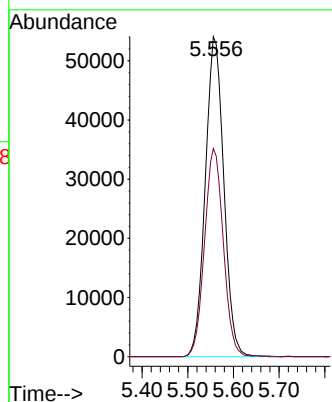
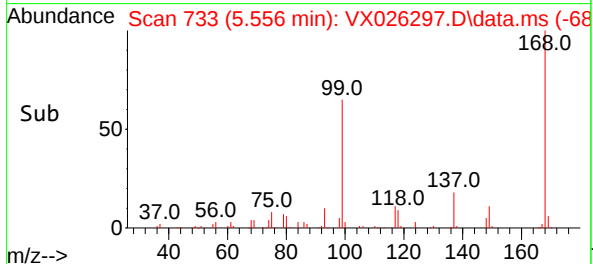


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026297.D
Acq: 05 Jan 2022 02:15

Instrument :
MSVOA_X
ClientSampleId :

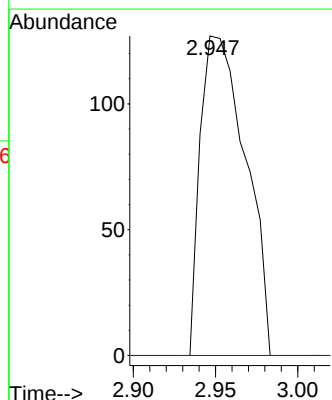
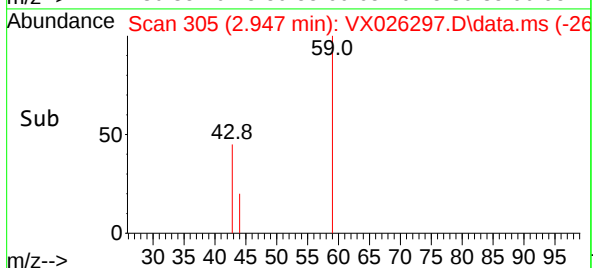
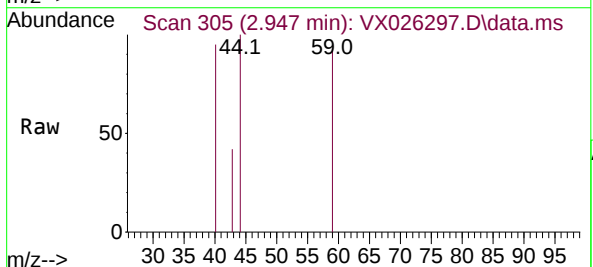


Tgt Ion:168 Resp: 152085
Ion Ratio Lower Upper
168 100
99 65.0 45.8 68.8



#11
Tert butyl alcohol
Concen: 0.555 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.036 min
Lab File: VX026297.D
Acq: 05 Jan 2022 02:15

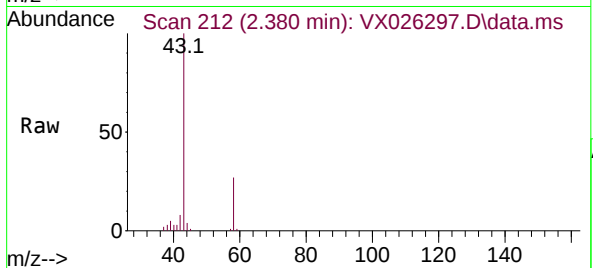
Tgt Ion: 59 Resp: 244
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



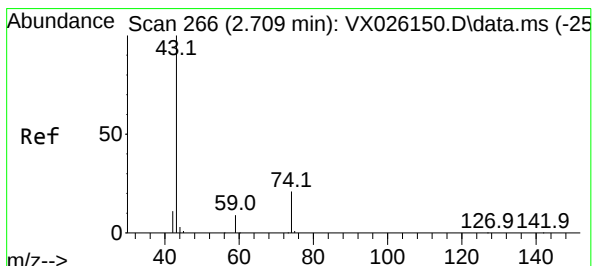
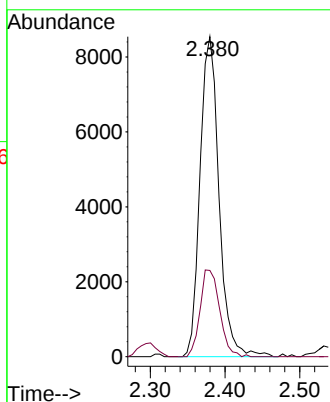
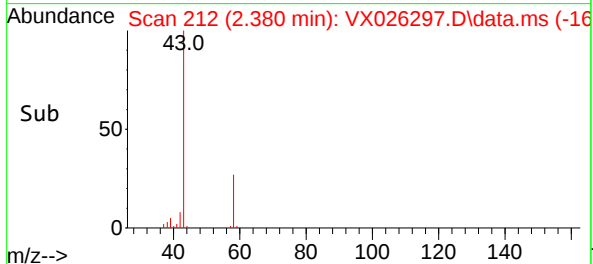


#16
Acetone
Concen: 12.637 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX026297.D
Acq: 05 Jan 2022 02:15

Instrument :
MSVOA_X
ClientSampleId :

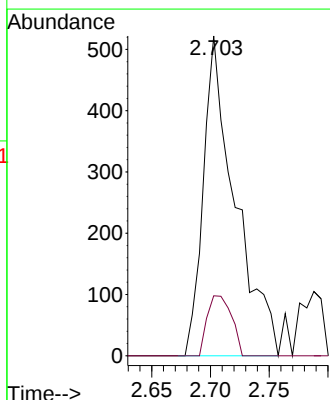
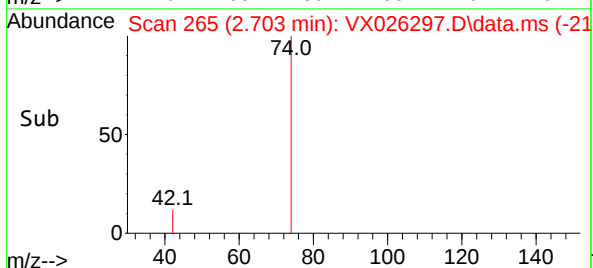
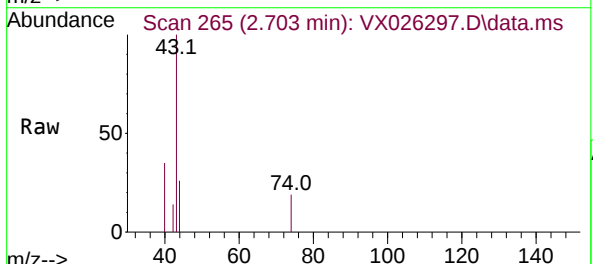


Tgt Ion: 43 Resp: 15065
Ion Ratio Lower Upper
43 100
58 26.9 24.8 37.2



#18
Methyl Acetate
Concen: 0.254 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX026297.D
Acq: 05 Jan 2022 02:15

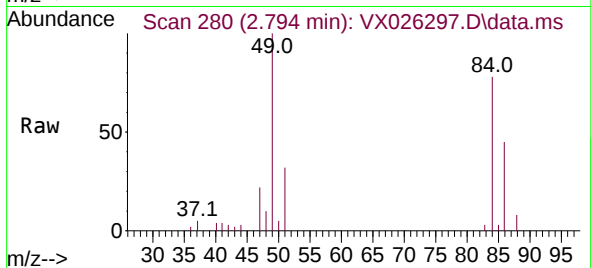
Tgt Ion: 43 Resp: 981
Ion Ratio Lower Upper
43 100
74 14.4 19.1 28.7#



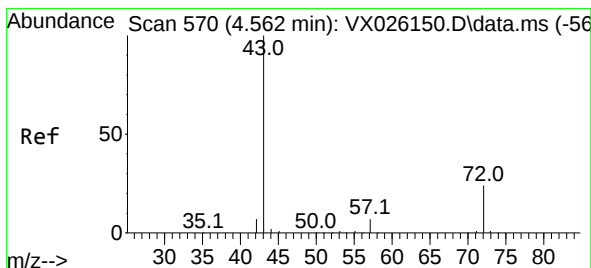
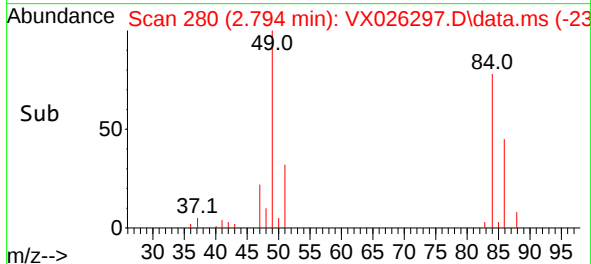
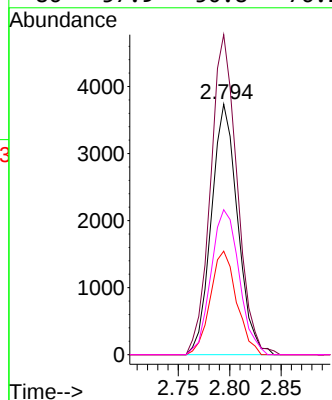


#20
Methylene Chloride
Concen: 2.587 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX026297.D
Acq: 05 Jan 2022 02:15

Instrument :
MSVOA_X
ClientSampleId :

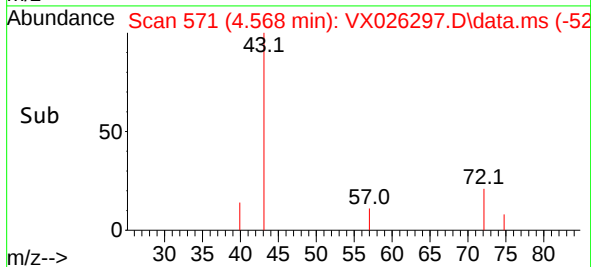
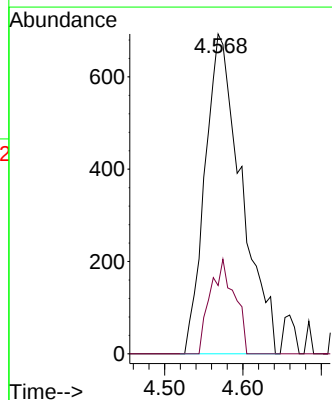
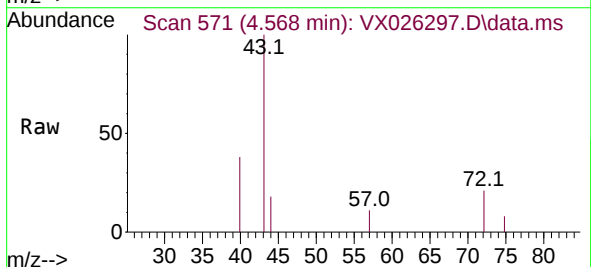


Tgt Ion:	84	Resp:	6639
Ion	Ratio	Lower	Upper
84	100		
49	127.7	97.1	145.7
51	41.3	29.3	43.9
86	57.9	50.8	76.2



#25
2-Butanone
Concen: 1.346 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.006 min
Lab File: VX026297.D
Acq: 05 Jan 2022 02:15

Tgt Ion:	43	Resp:	2235
Ion	Ratio	Lower	Upper
43	100		
72	21.4	21.0	31.4





#29

Tetrahydrofuran

Concen: 0.360 ug/l

RT: 5.044 min Scan# 64

Delta R.T. 0.031 min

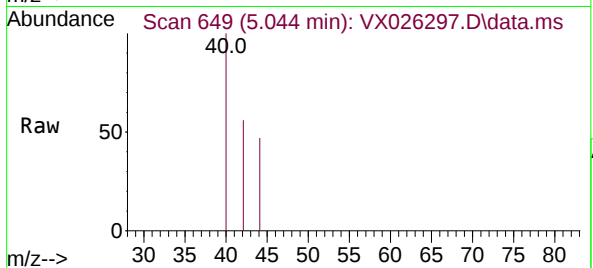
Lab File: VX026297.D

Acq: 05 Jan 2022 02:15

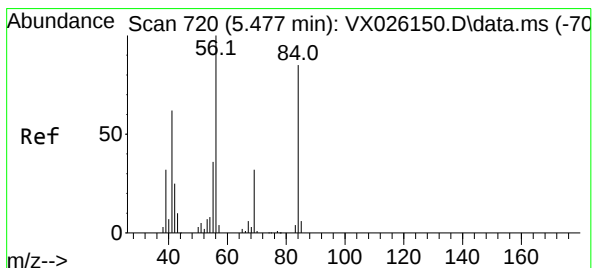
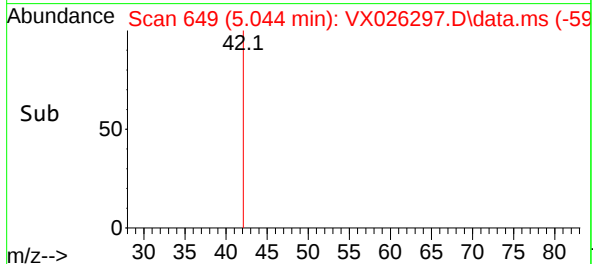
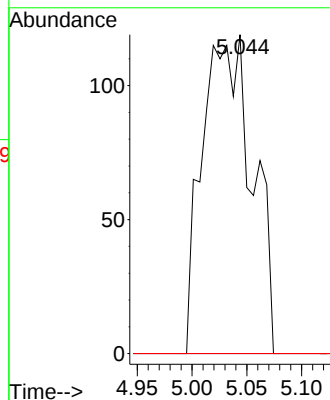
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	42	Resp:	377
Ion	Ratio	Lower	Upper
42	100		
72	0.0	37.0	55.6#
71	0.0	34.1	51.1#



#31

Cyclohexane

Concen: 1.137 ug/l

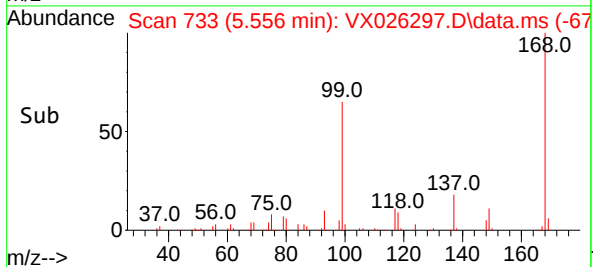
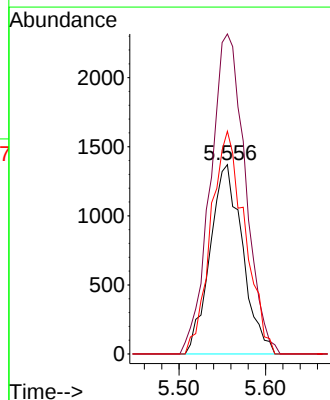
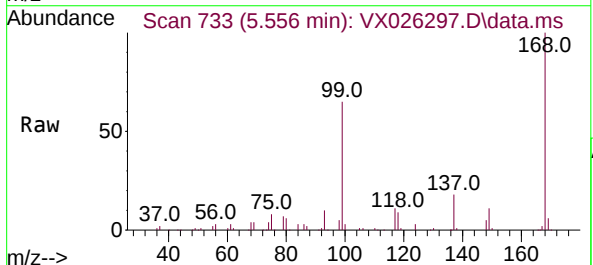
RT: 5.556 min Scan# 733

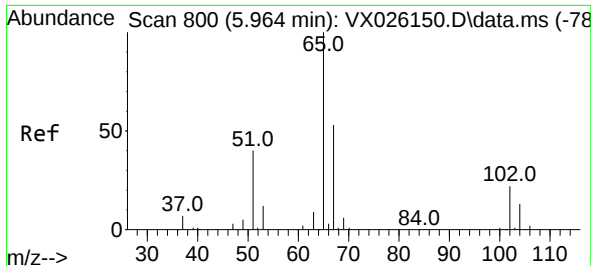
Delta R.T. 0.079 min

Lab File: VX026297.D

Acq: 05 Jan 2022 02:15

Tgt Ion:	56	Resp:	3564
Ion	Ratio	Lower	Upper
56	100		
69	169.1	23.9	35.9#
84	117.7	73.2	109.8#





#33

1,2-Dichloroethane-d4

Concen: 53.356 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX026297.D

Acq: 05 Jan 2022 02:15

Instrument :

MSVOA_X

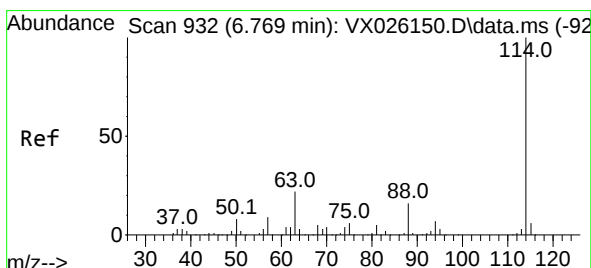
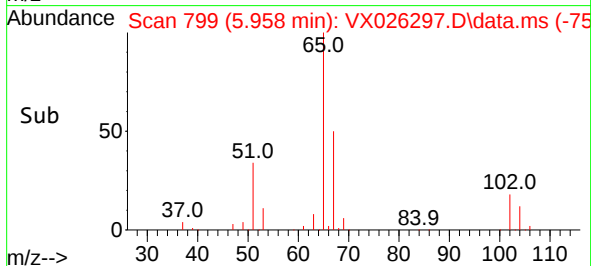
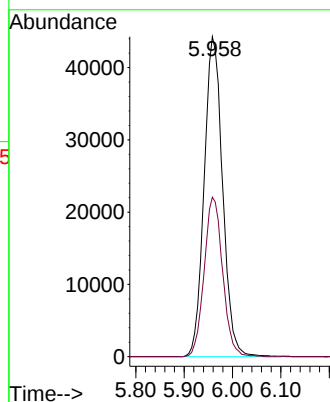
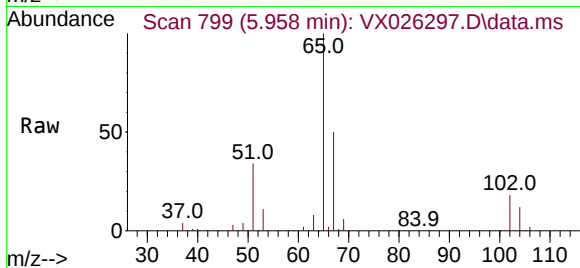
ClientSampleId :

Tgt Ion: 65 Resp: 117396

Ion Ratio Lower Upper

65 100

67 49.8 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX026297.D

Acq: 05 Jan 2022 02:15

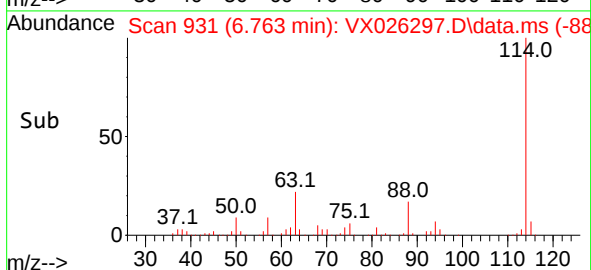
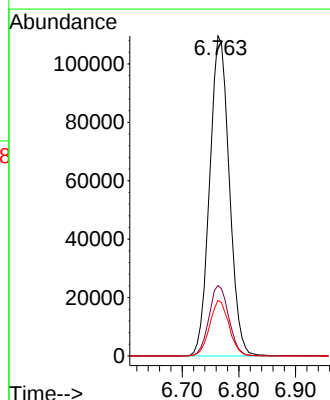
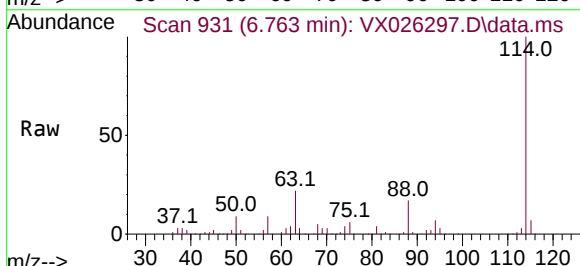
Tgt Ion: 114 Resp: 263283

Ion Ratio Lower Upper

114 100

63 22.0 0.0 40.0

88 17.4 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.114 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

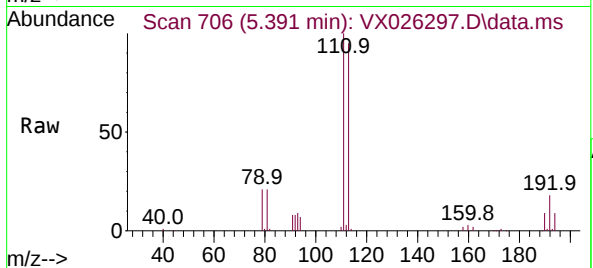
Lab File: VX026297.D

Acq: 05 Jan 2022 02:15

Instrument :

MSVOA_X

ClientSampleId :



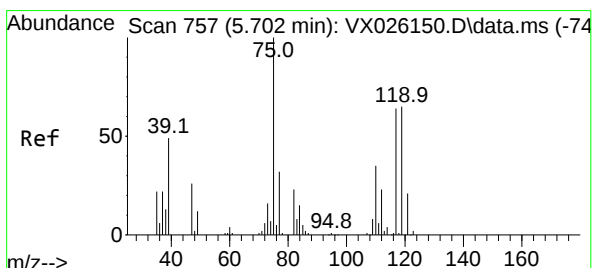
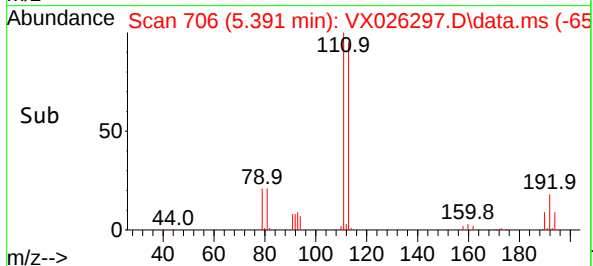
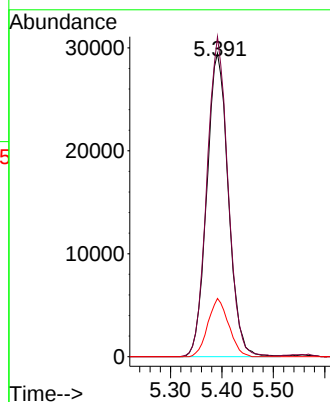
Tgt Ion:113 Resp: 85779

Ion Ratio Lower Upper

113 100

111 103.1 81.8 122.8

192 18.5 15.0 22.4



#36

1,1-Dichloropropene

Concen: 4.734 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.152 min

Lab File: VX026297.D

Acq: 05 Jan 2022 02:15

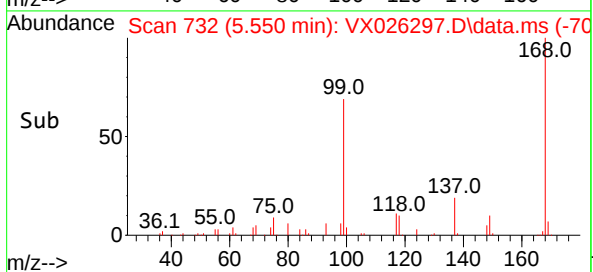
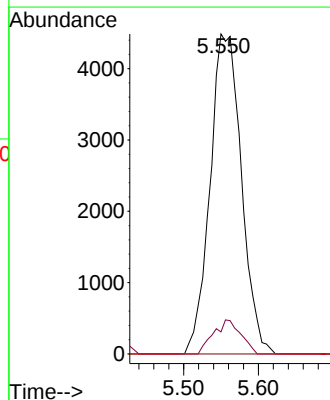
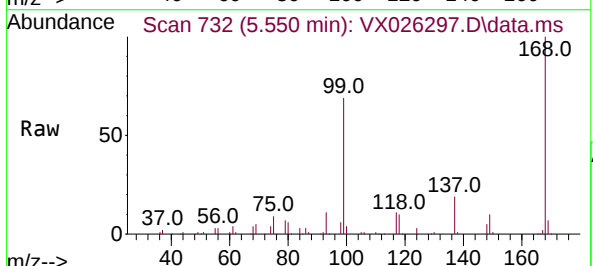
Tgt Ion: 75 Resp: 13069

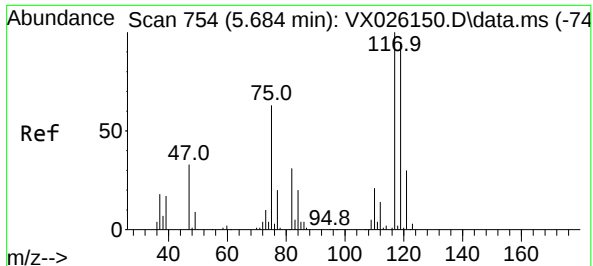
Ion Ratio Lower Upper

75 100

110 9.3 18.2 54.6#

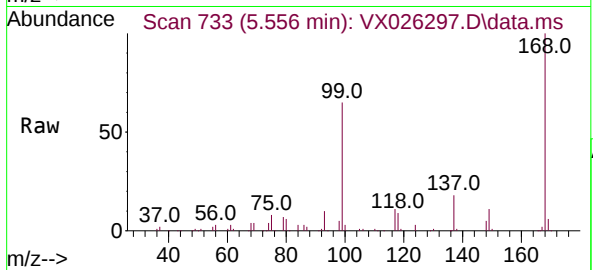
77 0.0 24.7 37.1#



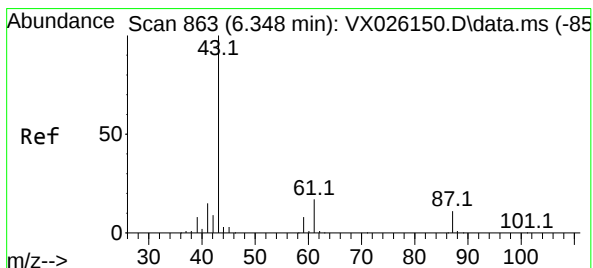
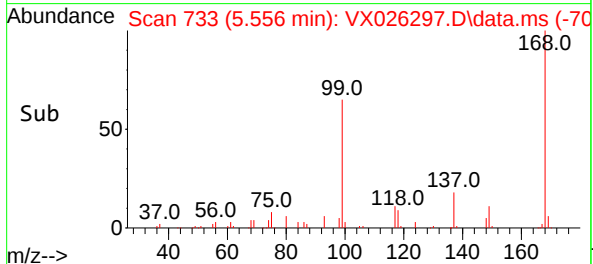
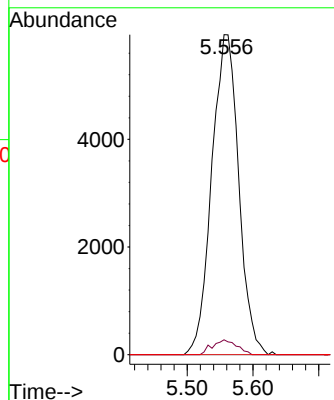


#38
Carbon Tetrachloride
Concen: 5.516 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX026297.D
Acq: 05 Jan 2022 02:15

Instrument :
MSVOA_X
ClientSampleId :

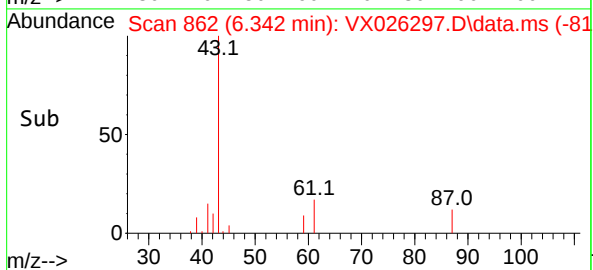
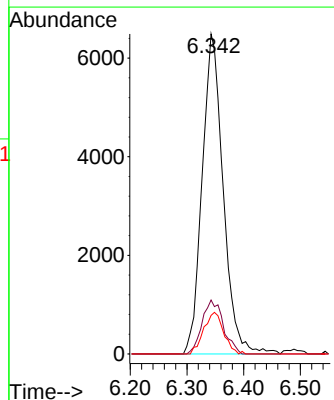
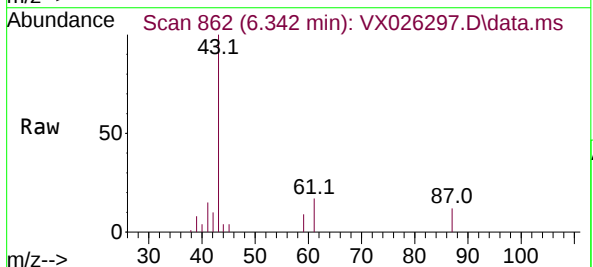


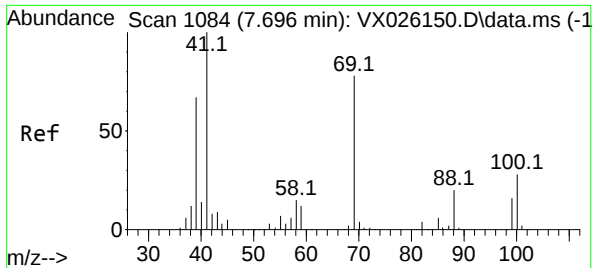
Tgt Ion:117 Resp: 16939
Ion Ratio Lower Upper
117 100
119 4.7 77.2 115.8#
121 0.0 23.8 35.8#



#43
Isopropyl Acetate
Concen: 3.210 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.006 min
Lab File: VX026297.D
Acq: 05 Jan 2022 02:15

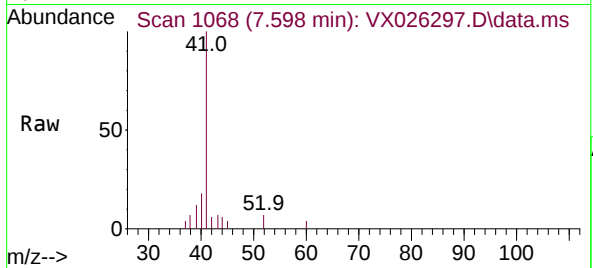
Tgt Ion: 43 Resp: 16745
Ion Ratio Lower Upper
43 100
61 17.0 15.7 23.5
87 12.3 11.2 16.8



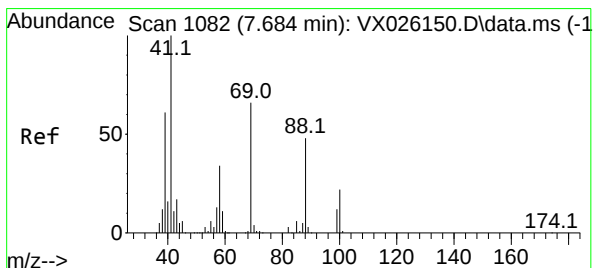
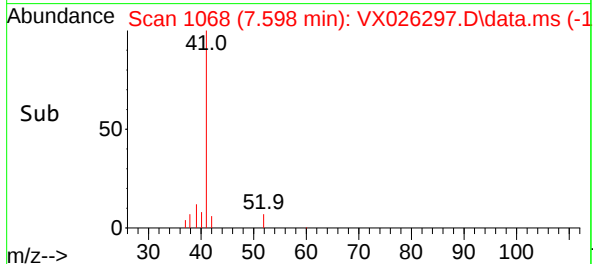
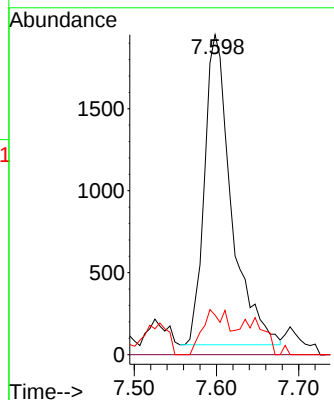


#48
Methyl methacrylate
Concen: 1.715 ug/l
RT: 7.598 min Scan# 1101
Delta R.T. -0.098 min
Lab File: VX026297.D
Acq: 05 Jan 2022 02:15

Instrument :
MSVOA_X
ClientSampleId :

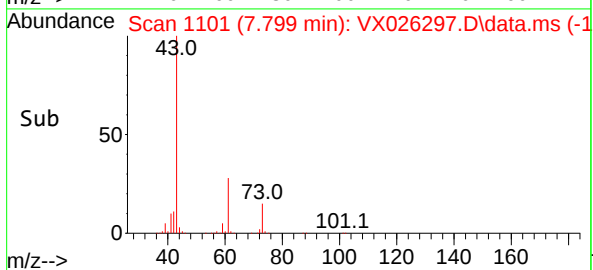
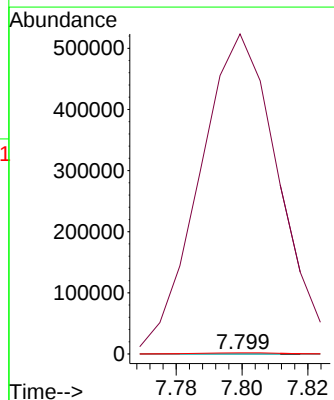
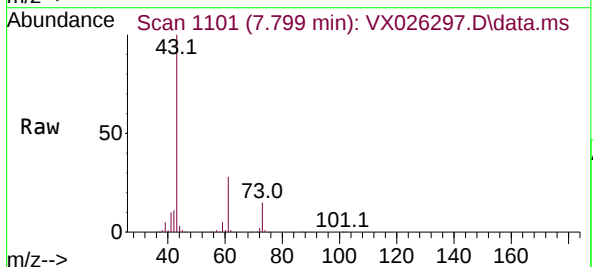


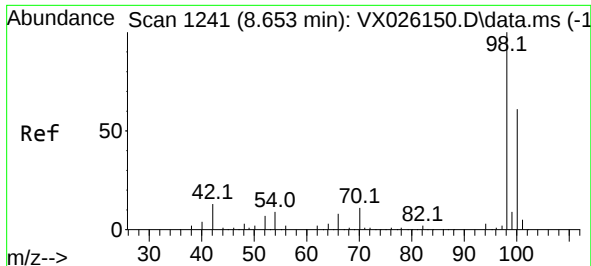
Tgt Ion: 41 Resp: 4290
Ion Ratio Lower Upper
41 100
69 0.0 67.3 100.9#
39 0.0 50.2 75.2#



#49
1,4-Dioxane
Concen: 1.193 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.115 min
Lab File: VX026297.D
Acq: 05 Jan 2022 02:15

Tgt Ion: 88 Resp: 55
Ion Ratio Lower Upper
88 100
43 1617470.9 25.3 37.9#
58 6181.8 51.8 77.6#

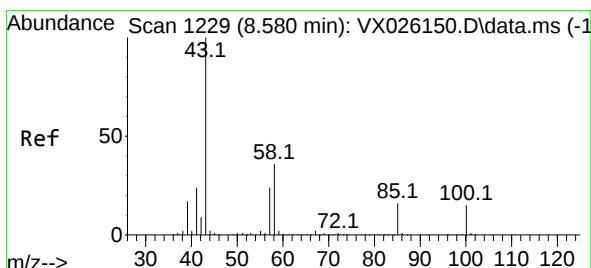
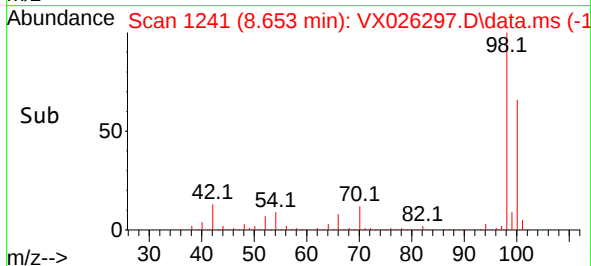
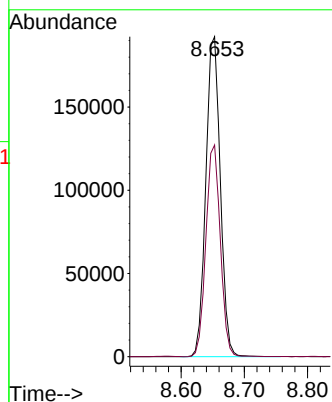
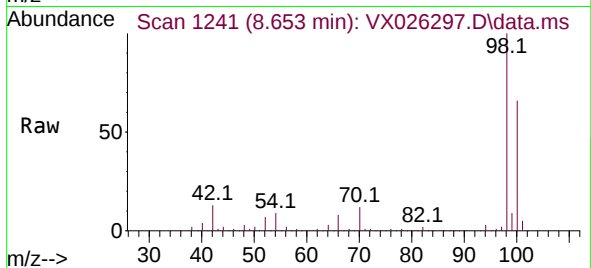




#50
Toluene-d8
Concen: 48.264 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX026297.D
Acq: 05 Jan 2022 02:15

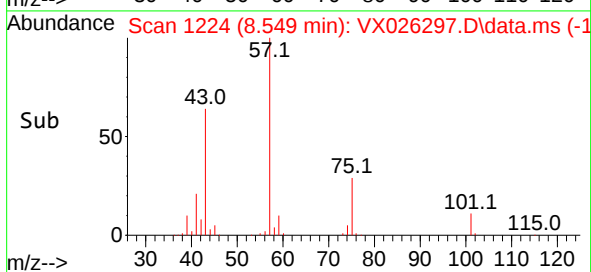
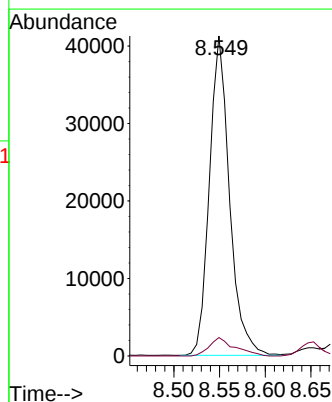
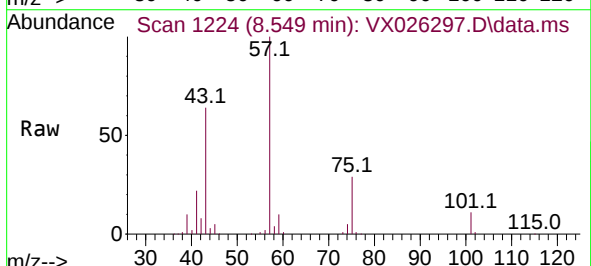
Instrument :
MSVOA_X
ClientSampleId :

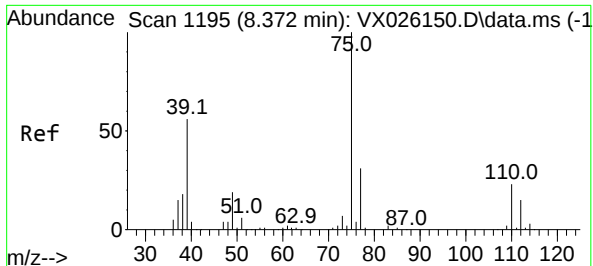
Tgt Ion: 98 Resp: 307288
Ion Ratio Lower Upper
98 100
100 65.9 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 19.410 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.031 min
Lab File: VX026297.D
Acq: 05 Jan 2022 02:15

Tgt Ion: 43 Resp: 63017
Ion Ratio Lower Upper
43 100
58 7.2 30.8 46.2#

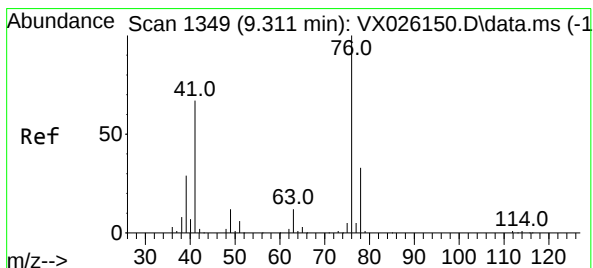
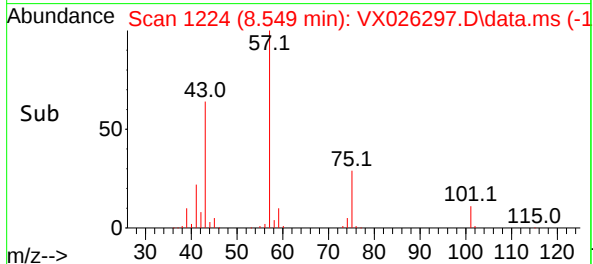
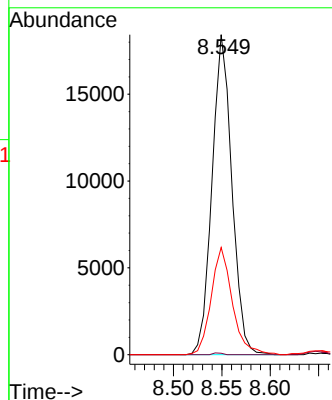
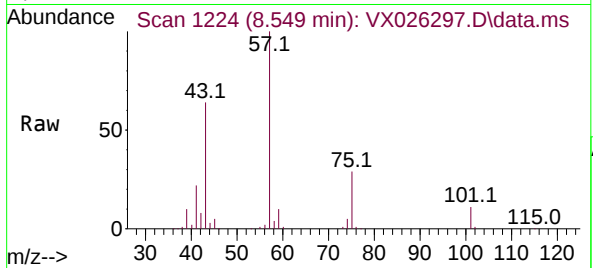




#54
 cis-1,3-Dichloropropene
 Concen: 8.173 ug/l
 RT: 8.549 min Scan# 1195
 Delta R.T. 0.177 min
 Lab File: VX026297.D
 Acq: 05 Jan 2022 02:15

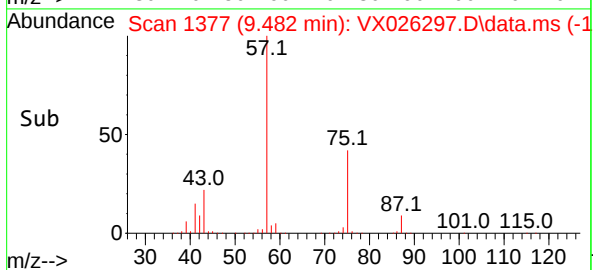
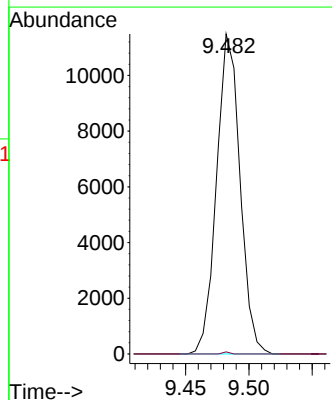
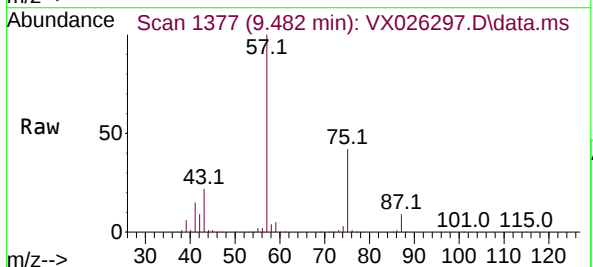
Instrument :
 MSVOA_X
 ClientSampleId :

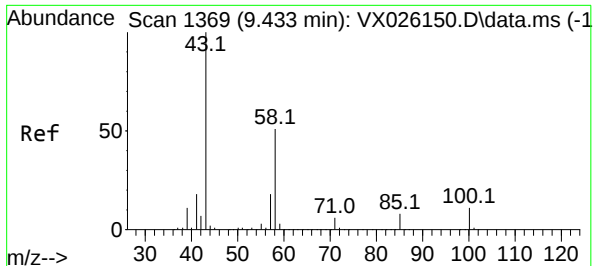
Tgt Ion: 75 Resp: 26272
 Ion Ratio Lower Upper
 75 100
 77 0.5 25.3 37.9#
 39 33.5 41.4 62.0#



#57
 1,3-Dichloropropane
 Concen: 4.334 ug/l
 RT: 9.482 min Scan# 1377
 Delta R.T. 0.171 min
 Lab File: VX026297.D
 Acq: 05 Jan 2022 02:15

Tgt Ion: 76 Resp: 14800
 Ion Ratio Lower Upper
 76 100
 78 0.2 26.0 39.0#





#59

2-Hexanone

Concen: 3.325 ug/l

RT: 9.378 min Scan# 11

Delta R.T. -0.055 min

Lab File: VX026297.D

Acq: 05 Jan 2022 02:15

Instrument :

MSVOA_X

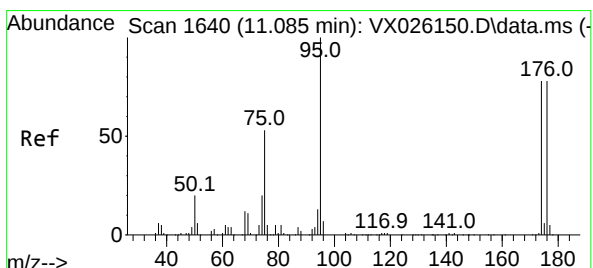
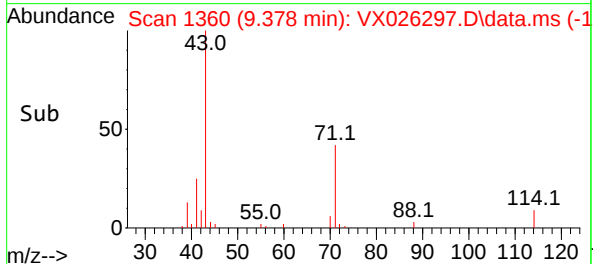
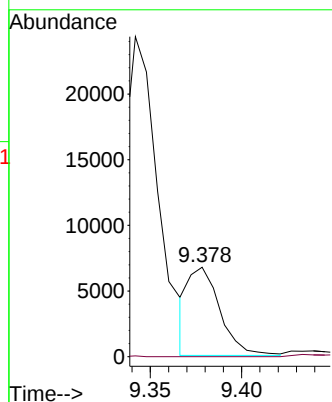
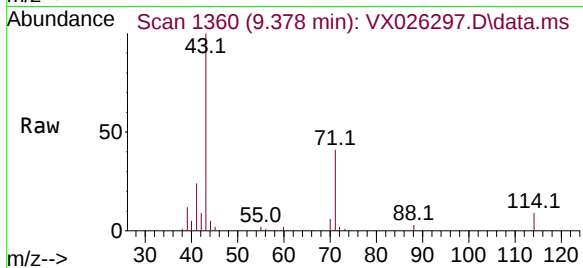
ClientSampleId :

Tgt Ion: 43 Resp: 8176

Ion Ratio Lower Upper

43 100

58 0.0 26.9 80.6#



#62

4-Bromofluorobenzene

Concen: 50.482 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX026297.D

Acq: 05 Jan 2022 02:15

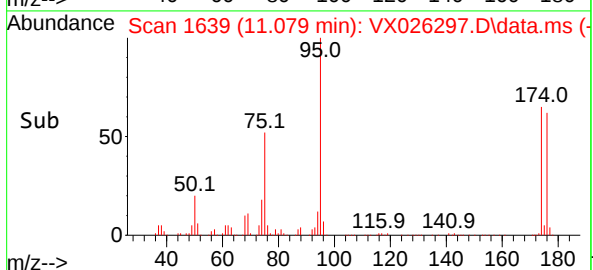
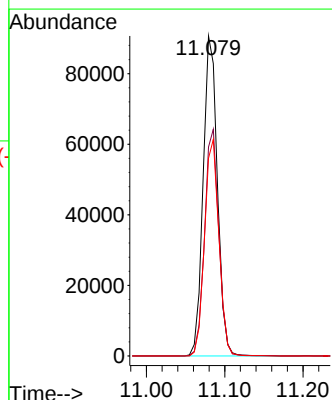
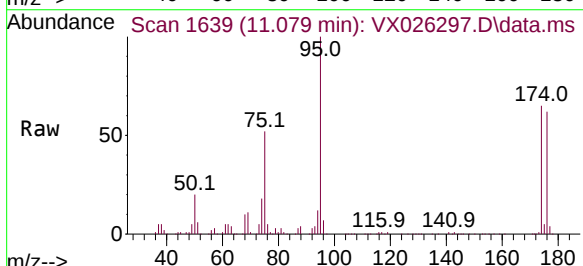
Tgt Ion: 95 Resp: 114419

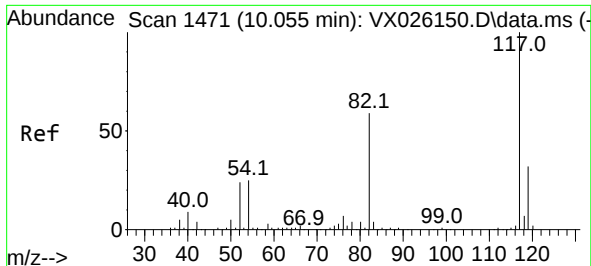
Ion Ratio Lower Upper

95 100

174 70.6 0.0 157.4

176 68.2 0.0 154.6

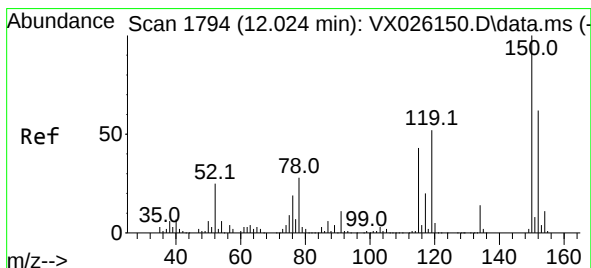
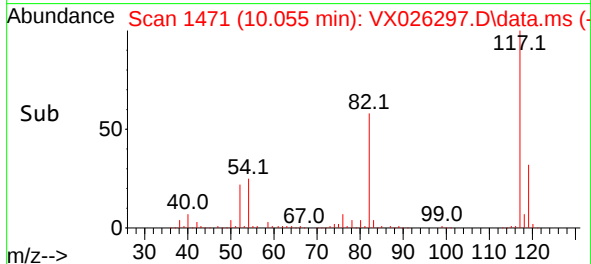
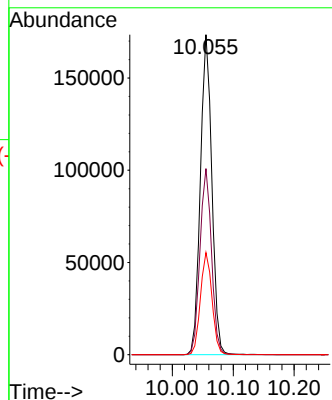
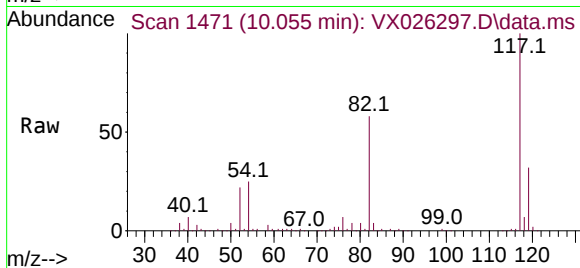




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026297.D
Acq: 05 Jan 2022 02:15

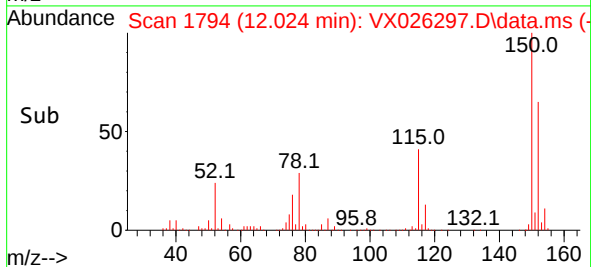
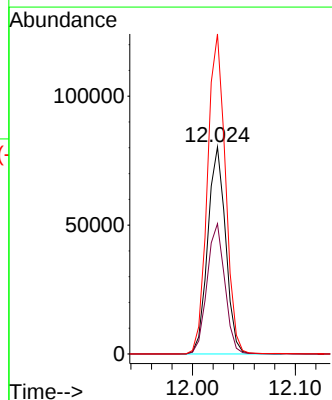
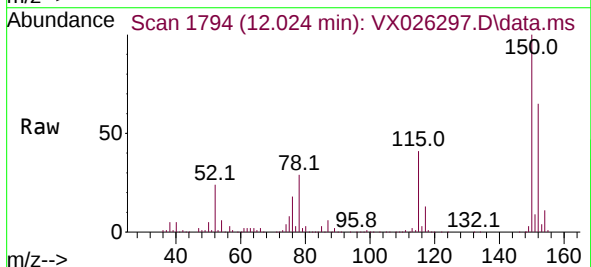
Instrument :
MSVOA_X
ClientSampleId :

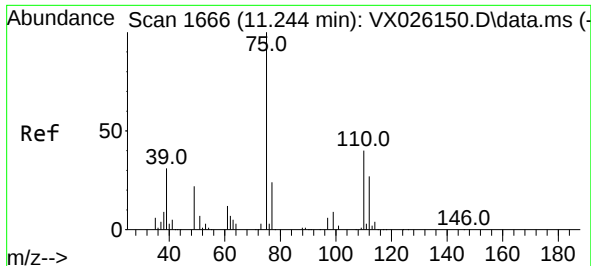
Tgt Ion:117 Resp: 226769
Ion Ratio Lower Upper
117 100
82 58.1 43.8 65.6
119 31.9 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026297.D
Acq: 05 Jan 2022 02:15

Tgt Ion:152 Resp: 96890
Ion Ratio Lower Upper
152 100
115 62.7 41.3 123.9
150 156.2 0.0 351.8

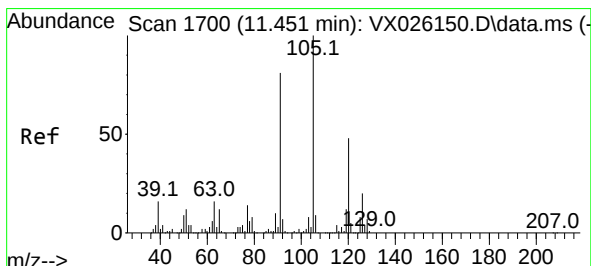
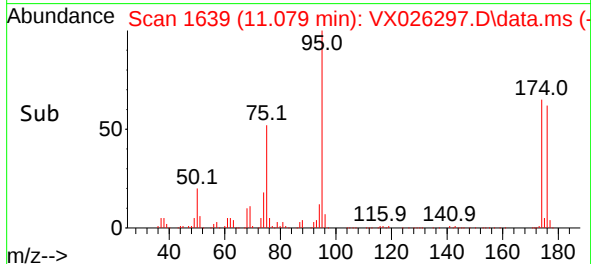
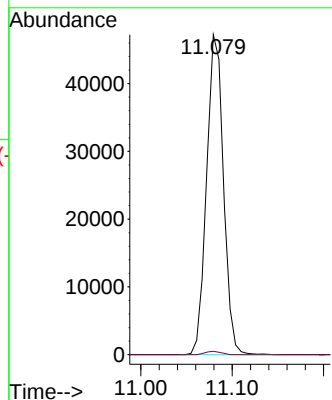
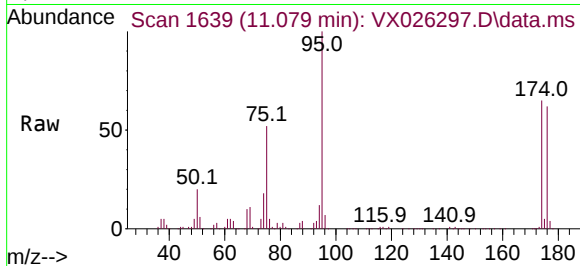




#76
1,2,3-Trichloropropane
Concen: 25.835 ug/l
RT: 11.079 min Scan# 1666
Delta R.T. -0.165 min
Lab File: VX026297.D
Acq: 05 Jan 2022 02:15

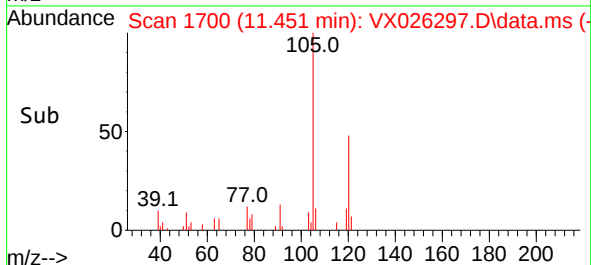
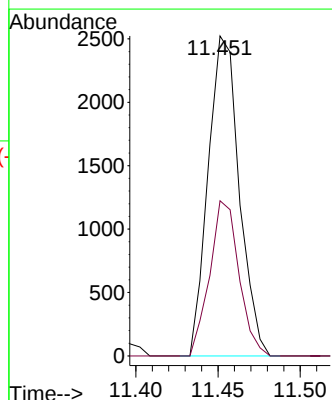
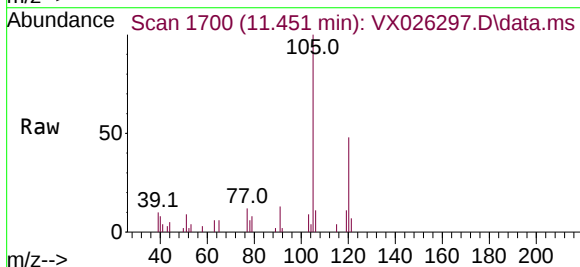
Instrument :
MSVOA_X
ClientSampleId :

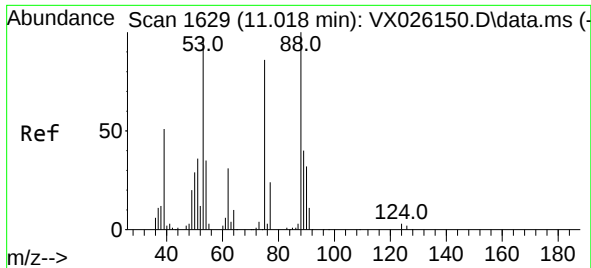
Tgt Ion: 75 Resp: 60420
Ion Ratio Lower Upper
75 100
77 1.0 19.0 57.0#



#80
1,3,5-Trimethylbenzene
Concen: 0.530 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX026297.D
Acq: 05 Jan 2022 02:15

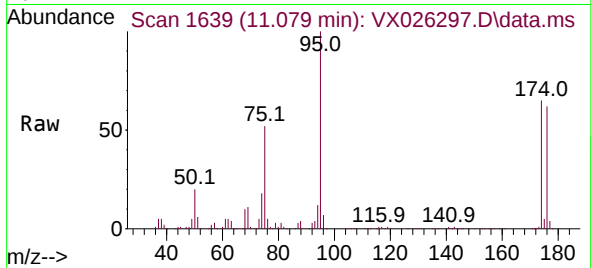
Tgt Ion: 105 Resp: 3314
Ion Ratio Lower Upper
105 100
120 45.6 24.9 74.7





#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.741 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX026297.D
 Acq: 05 Jan 2022 02:15

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 60420
 Ion Ratio Lower Upper
 75 100
 53 0.0 79.5 119.3#
 89 0.0 38.3 57.5#

