

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120621\
 Data File : VX025546.D
 Acq On : 06 Dec 2021 14:08
 Operator : JC/MD
 Sample : M4923-20
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE105D1-20211202

Quant Time: Dec 07 05:59:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 15:36:16 2021
 Response via : Initial Calibration

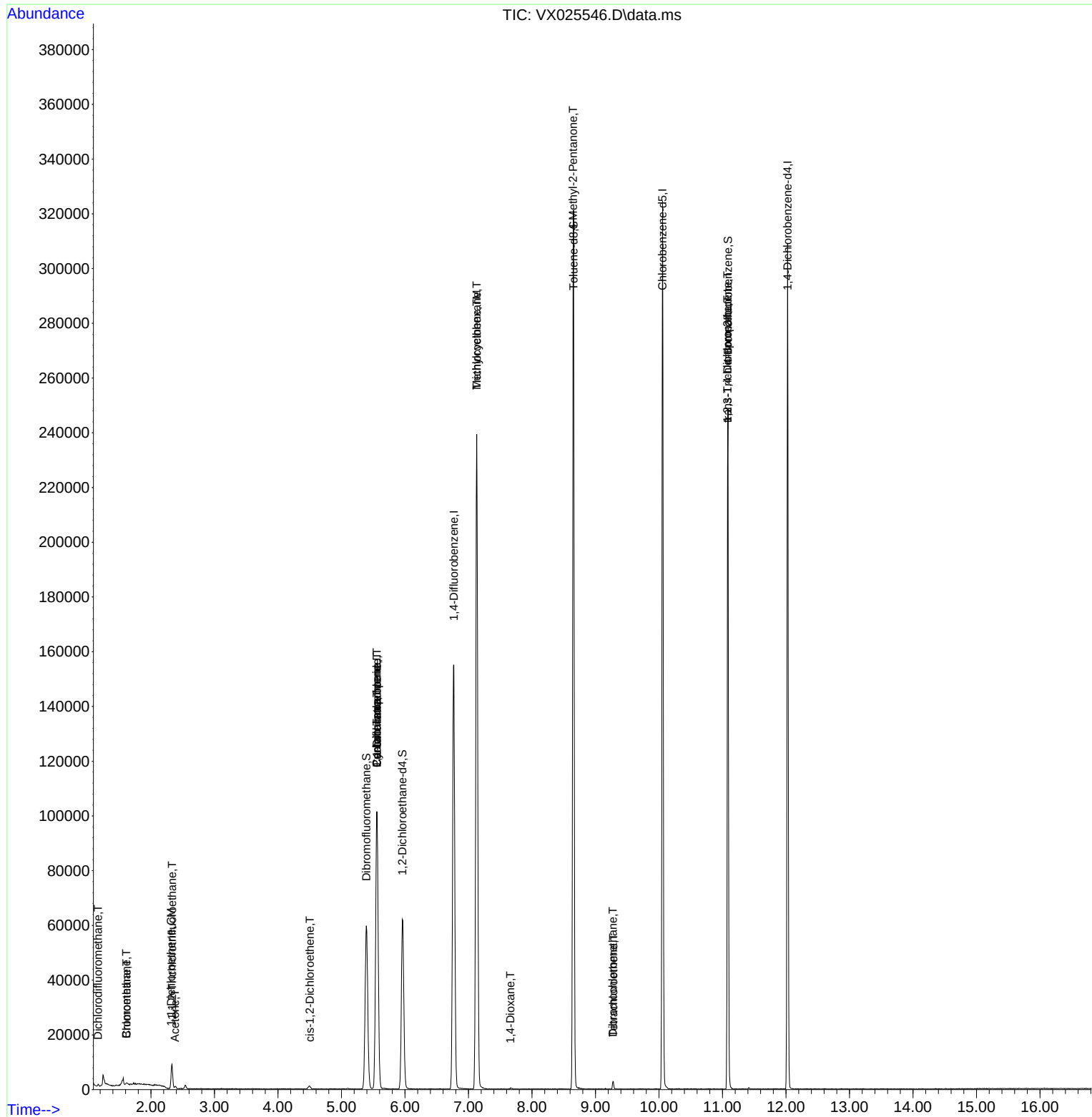
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	101577	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	166638	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	148038	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	65576	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	59323	55.406	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 110.820%	
35) Dibromofluoromethane	5.391	113	51475	50.346	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.700%	
50) Toluene-d8	8.653	98	191146	49.723	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.440%	
62) 4-Bromofluorobenzene	11.085	95	66878	45.986	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 91.980%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	317	0.360	ug/l	73
5) Bromomethane	1.612	94	194	0.377	ug/l #	63
6) Chloroethane	1.618	64	335	0.406	ug/l #	86
9) 1,1,2-Trichlorotrifluo...	2.331	101	3221	3.407	ug/l	99
12) 1,1-Dichloroethene	2.319	96	424	0.450	ug/l #	77
16) Acetone	2.380	43	992	1.667	ug/l	94
27) cis-1,2-Dichloroethene	4.501	96	852	0.707	ug/l	80
31) Cyclohexane	5.556	56	1925	1.163	ug/l #	15
36) 1,1-Dichloropropene	5.556	75	7026	4.833	ug/l #	49
38) Carbon Tetrachloride	5.556	117	9705	6.061	ug/l #	15
39) Methylcyclohexane	7.129	83	955	0.512	ug/l #	1
44) Trichloroethene	7.129	130	94624	73.960	ug/l	93
49) 1,4-Dioxane	7.659	88	344	12.609	ug/l #	73
51) 4-Methyl-2-Pentanone	8.647	43	754	0.437	ug/l #	1
60) Dibromochloromethane	9.275	129	525	0.399	ug/l #	11
64) Tetrachloroethene	9.281	164	500	0.410	ug/l	93
76) 1,2,3-Trichloropropane	11.079	75	32763	24.398	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	32763	61.463	ug/l #	9

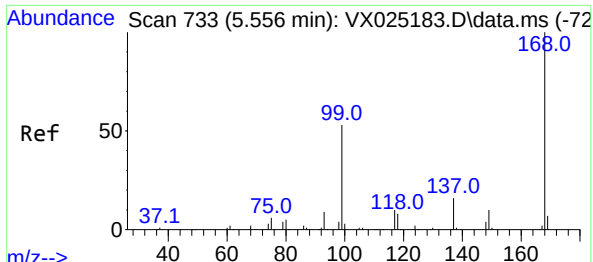
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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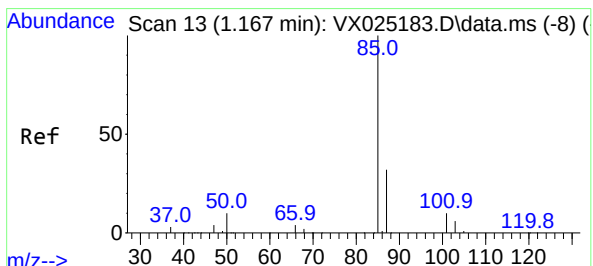
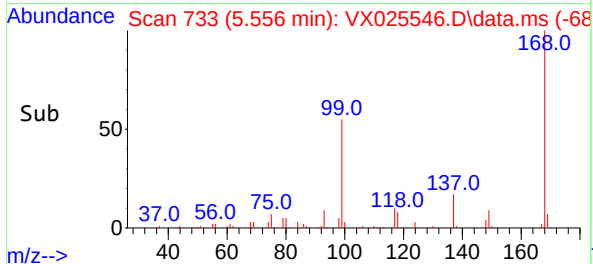
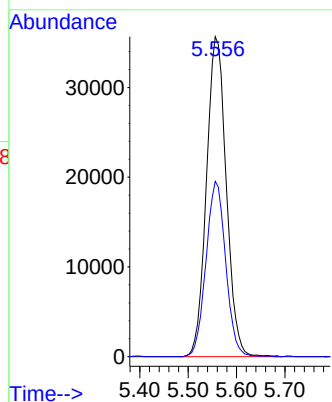
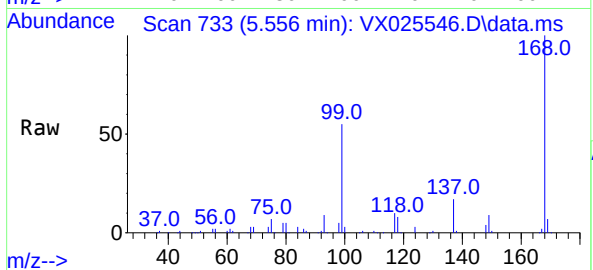




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025546.D
Acq: 06 Dec 2021 14:08

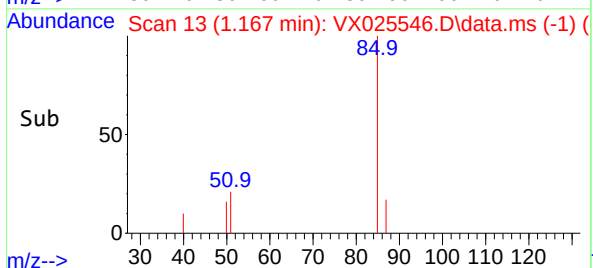
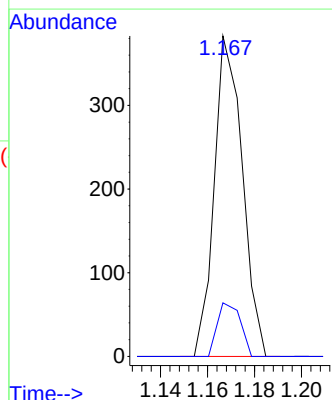
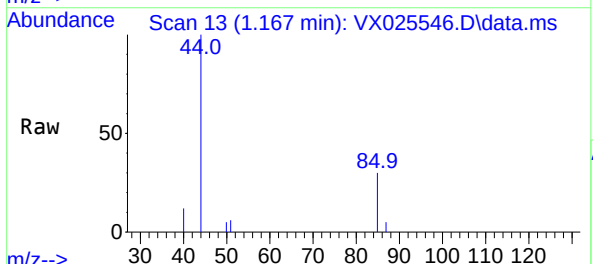
Instrument :
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ClientSampleId :
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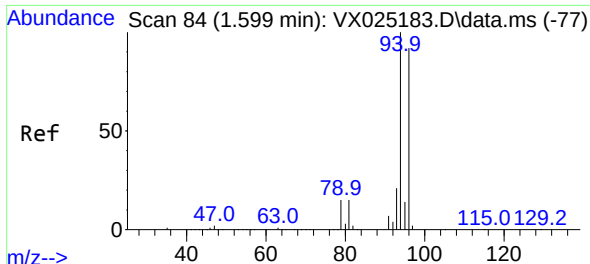
Tgt Ion:168 Resp: 101577
Ion Ratio Lower Upper
168 100
99 54.8 46.4 69.6



#2
Dichlorodifluoromethane
Concen: 0.360 ug/l
RT: 1.167 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX025546.D
Acq: 06 Dec 2021 14:08

Tgt Ion: 85 Resp: 317
Ion Ratio Lower Upper
85 100
87 16.7 16.0 47.9

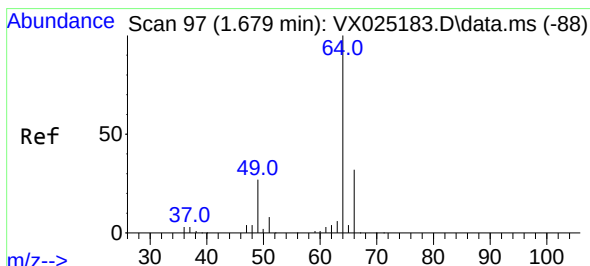
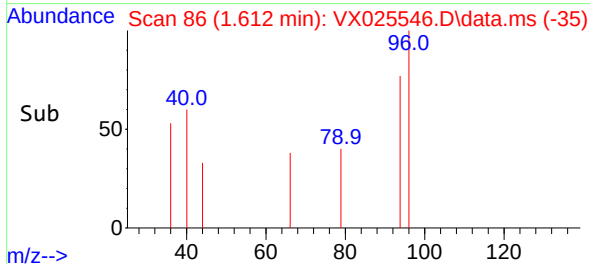
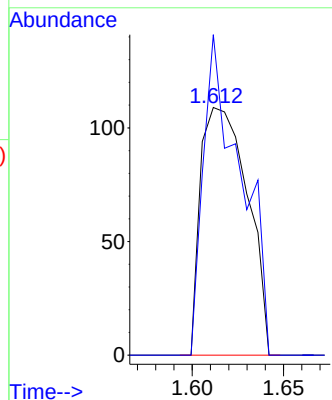
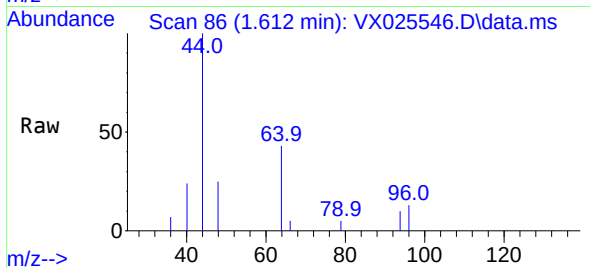




#5
Bromomethane
Concen: 0.377 ug/l
RT: 1.612 min Scan# 80
Delta R.T. 0.013 min
Lab File: VX025546.D
Acq: 06 Dec 2021 14:08

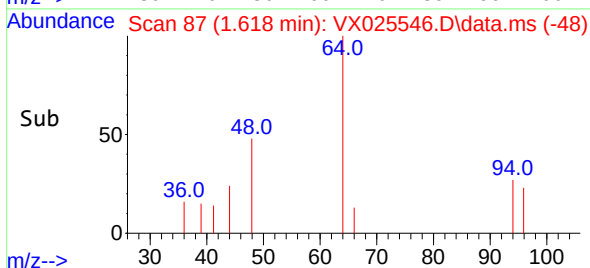
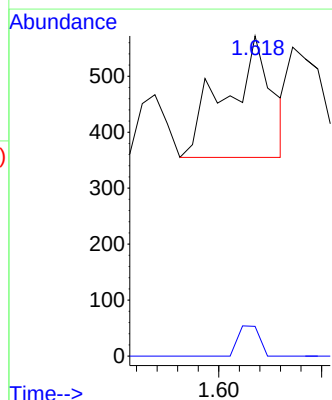
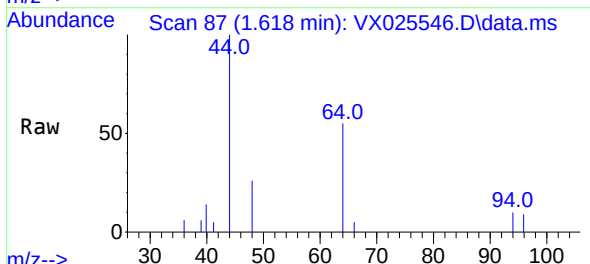
Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20211202

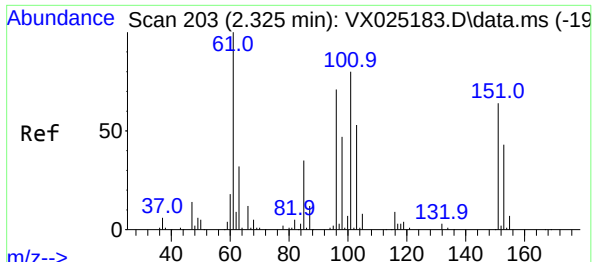
Tgt Ion: 94 Resp: 194
Ion Ratio Lower Upper
94 100
96 129.4 74.8 112.2#



#6
Chloroethane
Concen: 0.406 ug/l
RT: 1.618 min Scan# 87
Delta R.T. -0.061 min
Lab File: VX025546.D
Acq: 06 Dec 2021 14:08

Tgt Ion: 64 Resp: 335
Ion Ratio Lower Upper
64 100
66 24.4 25.6 38.4#

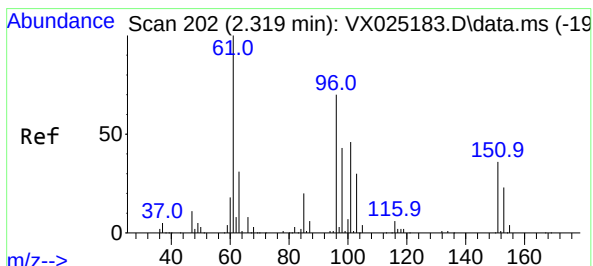
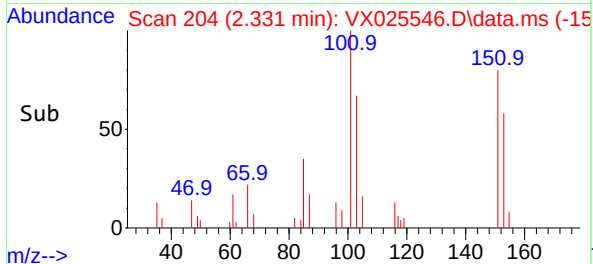
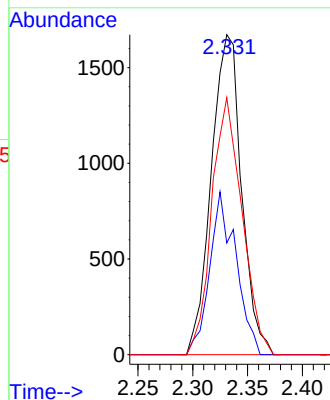
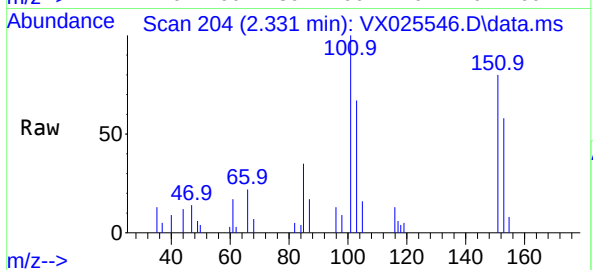




#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.407 ug/l
RT: 2.331 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX025546.D
Acq: 06 Dec 2021 14:08

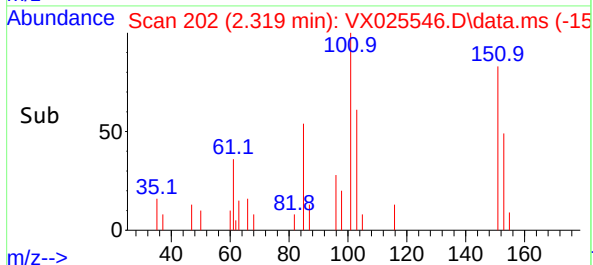
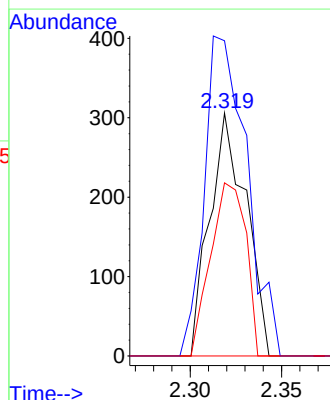
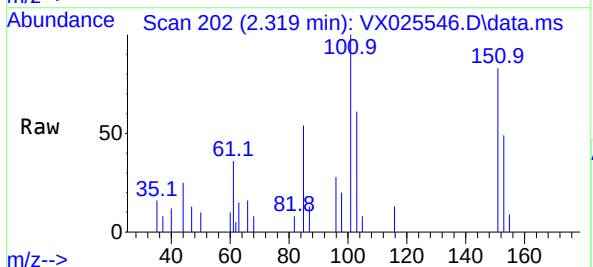
Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20211202

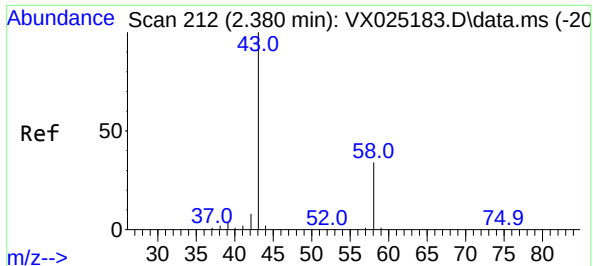
Tgt Ion:101 Resp: 3221
Ion Ratio Lower Upper
101 100
85 44.0 35.9 53.9
151 80.1 64.4 96.6



#12
1,1-Dichloroethene
Concen: 0.450 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX025546.D
Acq: 06 Dec 2021 14:08

Tgt Ion: 96 Resp: 424
Ion Ratio Lower Upper
96 100
61 129.7 134.1 201.1#
98 71.2 51.5 77.3

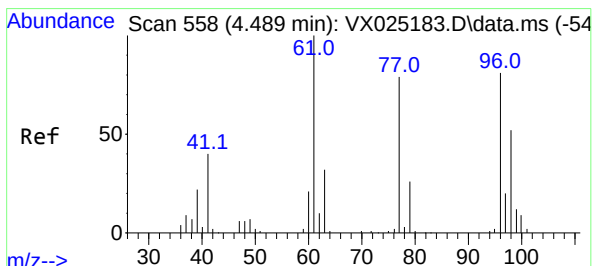
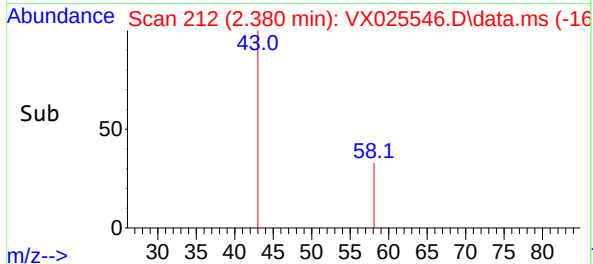
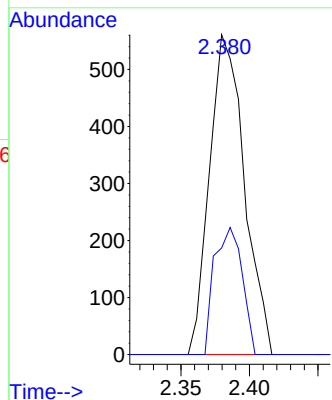
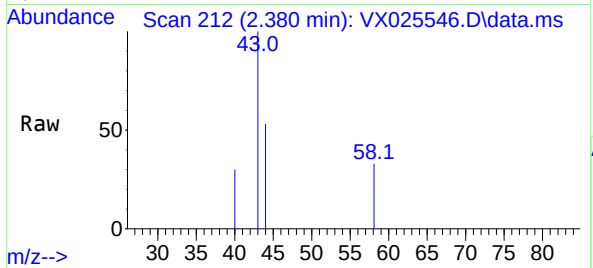




#16
Acetone
Concen: 1.667 ug/l
RT: 2.380 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX025546.D
Acq: 06 Dec 2021 14:08

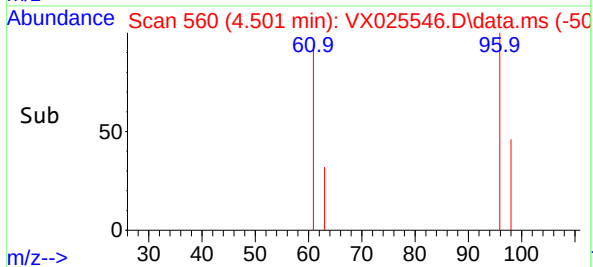
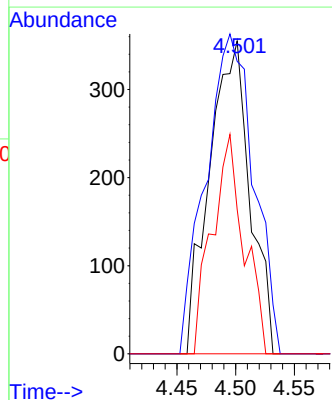
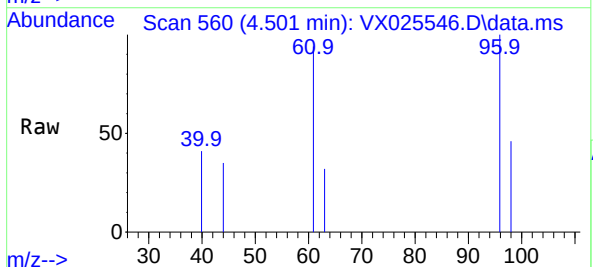
Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20211202

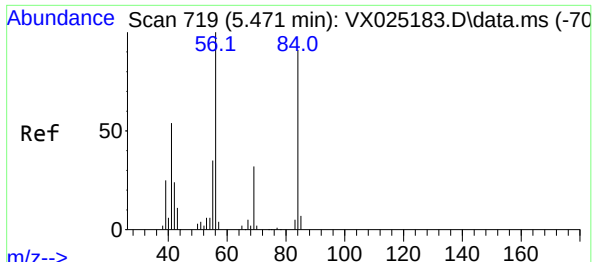
Tgt Ion: 43 Resp: 992
Ion Ratio Lower Upper
43 100
58 33.3 24.0 36.0



#27
cis-1,2-Dichloroethene
Concen: 0.707 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.012 min
Lab File: VX025546.D
Acq: 06 Dec 2021 14:08

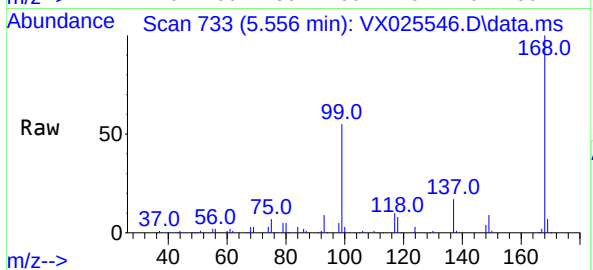
Tgt Ion: 96 Resp: 852
Ion Ratio Lower Upper
96 100
61 121.0 0.0 302.2
98 55.4 0.0 131.4





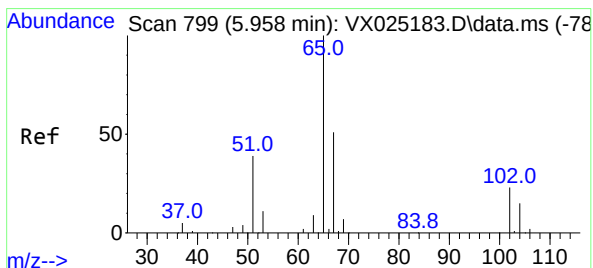
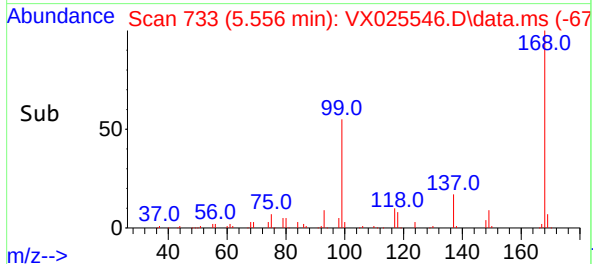
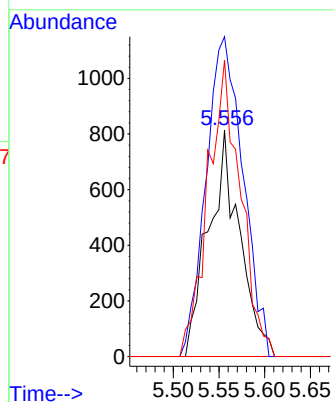
#31
Cyclohexane
Concen: 1.163 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX025546.D
Acq: 06 Dec 2021 14:08

Instrument :
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ClientSampleId :
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Tgt Ion: 56 Resp: 1925

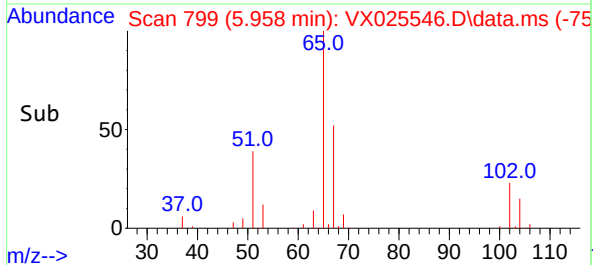
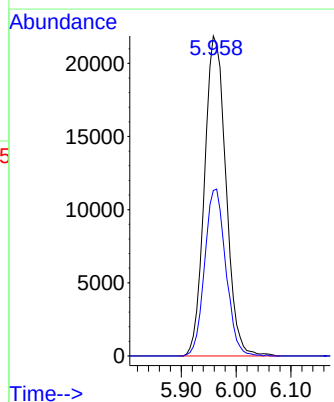
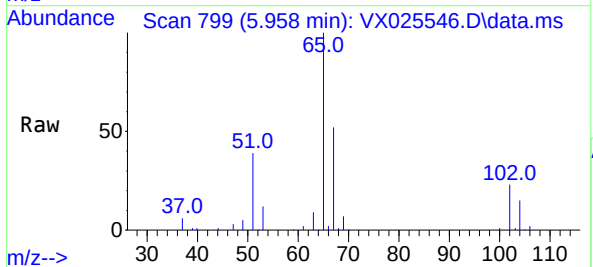
Ion	Ratio	Lower	Upper
56	100		
69	141.3	24.2	36.2#
84	131.0	71.5	107.3#

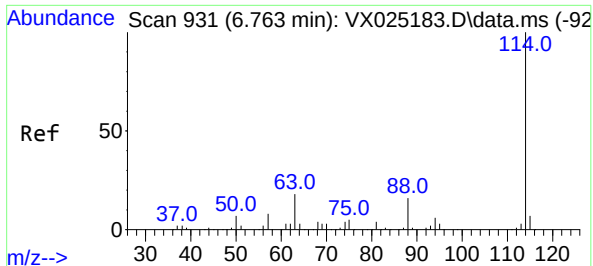


#33
1,2-Dichloroethane-d4
Concen: 55.406 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX025546.D
Acq: 06 Dec 2021 14:08

Tgt Ion: 65 Resp: 59323

Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	101.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 91

Delta R.T. 0.006 min

Lab File: VX025546.D

Acq: 06 Dec 2021 14:08

Instrument :

MSVOA_X

ClientSampleId :

RE105D1-20211202

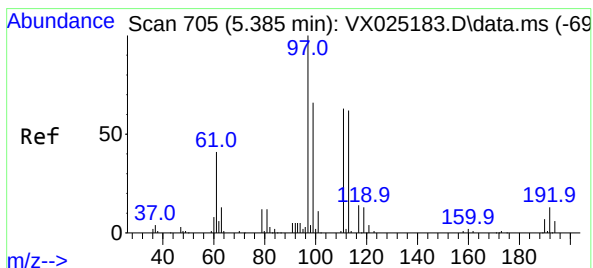
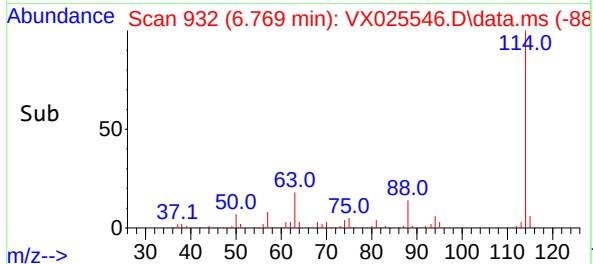
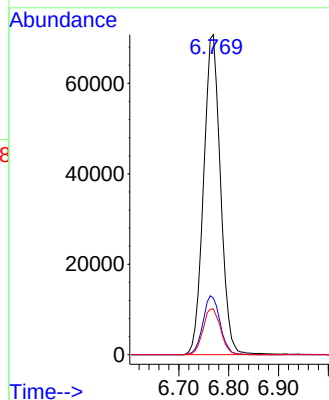
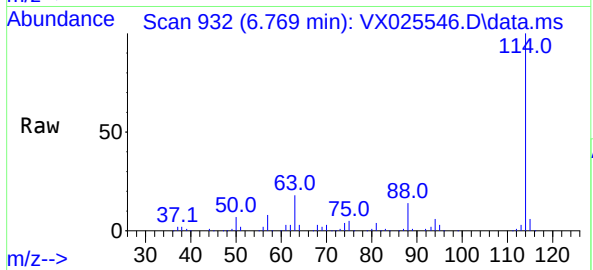
Tgt Ion:114 Resp: 166638

Ion Ratio Lower Upper

114 100

63 17.7 0.0 41.0

88 14.3 0.0 34.8



#35

Dibromofluoromethane

Concen: 50.346 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.006 min

Lab File: VX025546.D

Acq: 06 Dec 2021 14:08

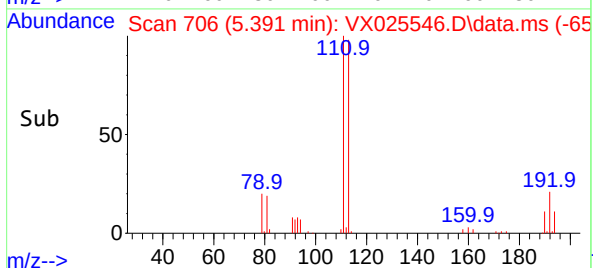
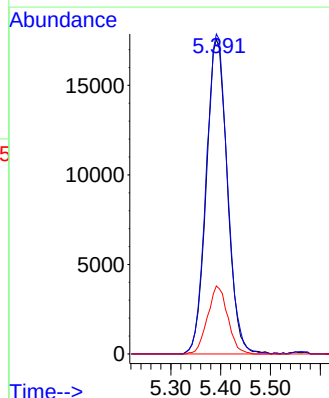
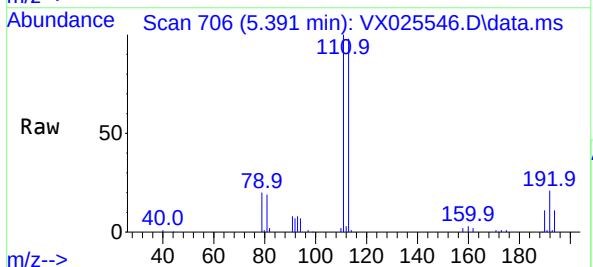
Tgt Ion:113 Resp: 51475

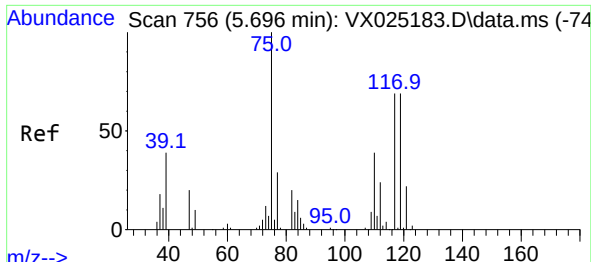
Ion Ratio Lower Upper

113 100

111 102.3 82.1 123.1

192 20.7 15.6 23.4

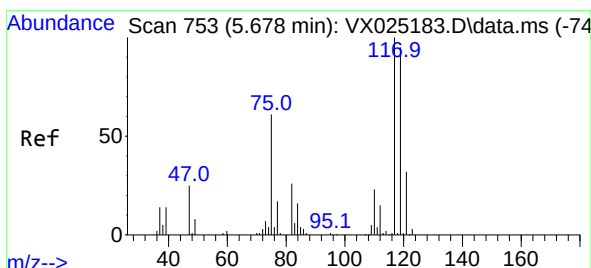
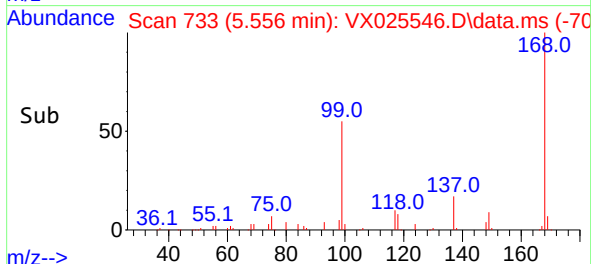
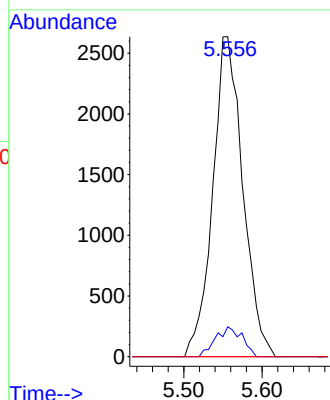
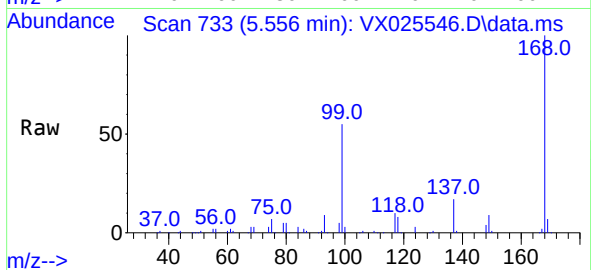




#36
1,1-Dichloropropene
Concen: 4.833 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX025546.D
Acq: 06 Dec 2021 14:08

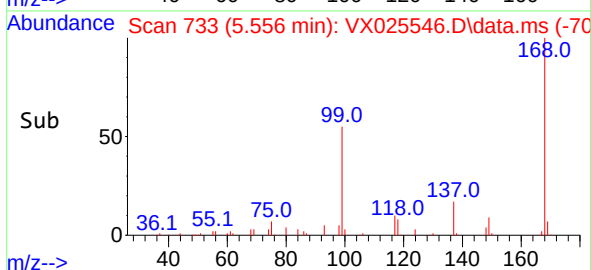
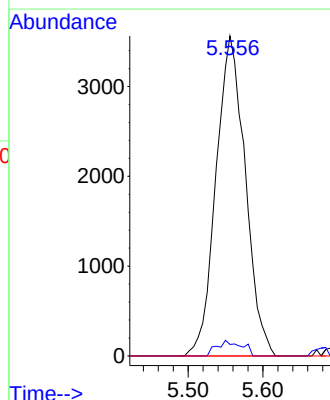
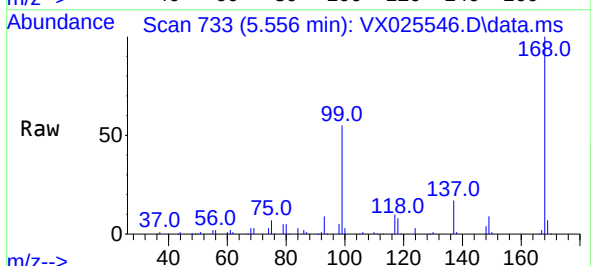
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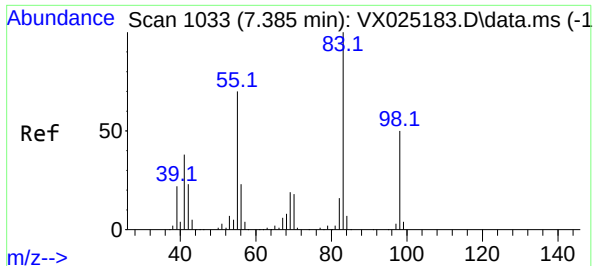
Tgt Ion: 75 Resp: 7026
Ion Ratio Lower Upper
75 100
110 8.2 18.1 54.3#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 6.061 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX025546.D
Acq: 06 Dec 2021 14:08

Tgt Ion: 117 Resp: 9705
Ion Ratio Lower Upper
117 100
119 3.6 75.6 113.4#
121 0.0 23.7 35.5#





#39

Methylcyclohexane

Concen: 0.512 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.256 min

Lab File: VX025546.D

Acq: 06 Dec 2021 14:08

Instrument :

MSVOA_X

ClientSampleId :

RE105D1-20211202

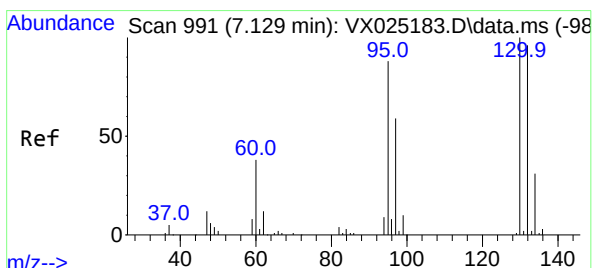
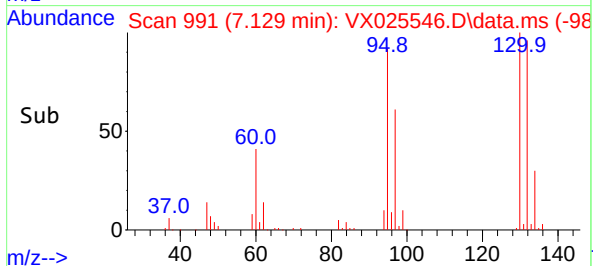
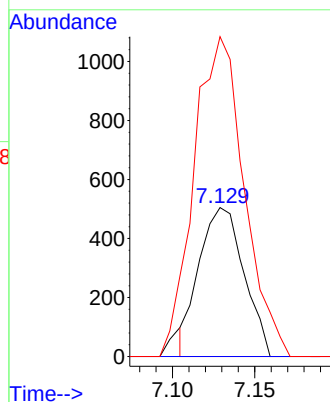
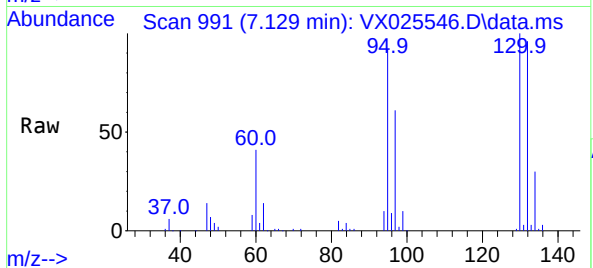
Tgt Ion: 83 Resp: 955

Ion Ratio Lower Upper

83 100

55 0.0 60.8 91.2#

98 201.4 37.0 55.4#



#44

Trichloroethene

Concen: 73.960 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX025546.D

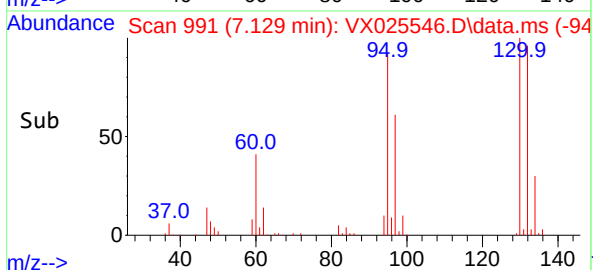
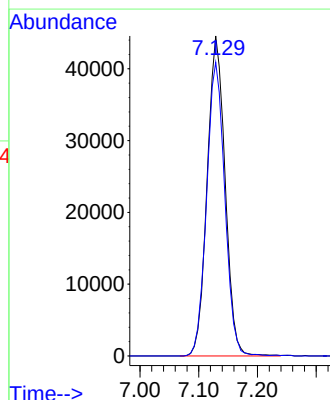
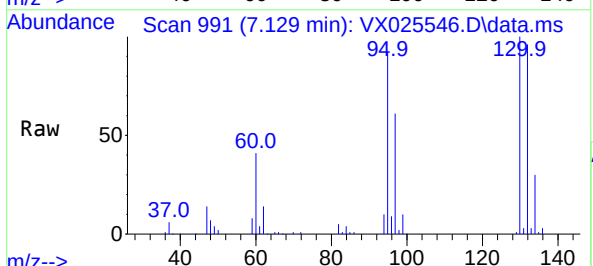
Acq: 06 Dec 2021 14:08

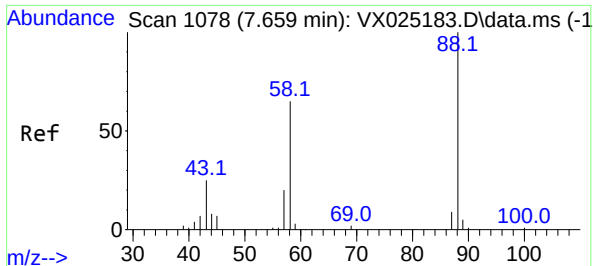
Tgt Ion:130 Resp: 94624

Ion Ratio Lower Upper

130 100

95 91.8 0.0 196.8





#49

1,4-Dioxane

Concen: 12.609 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VX025546.D

Acq: 06 Dec 2021 14:08

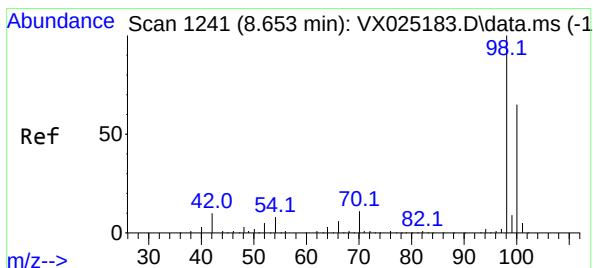
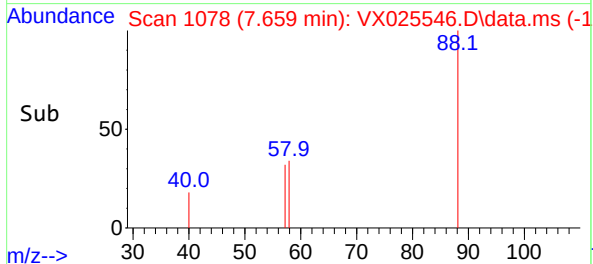
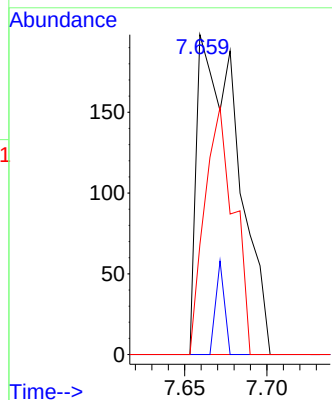
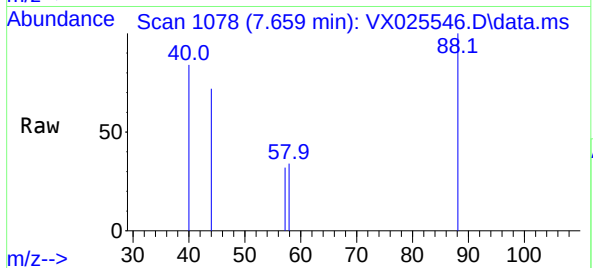
Instrument :

MSVOA_X

ClientSampleId :

RE105D1-20211202

Tgt Ion:	88	Resp:	344
Ion	Ratio	Lower	Upper
88	100		
43	6.1	27.0	40.6#
58	55.2	55.2	82.8



#50

Toluene-d8

Concen: 49.723 ug/l

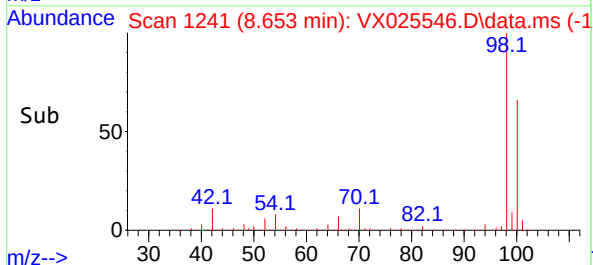
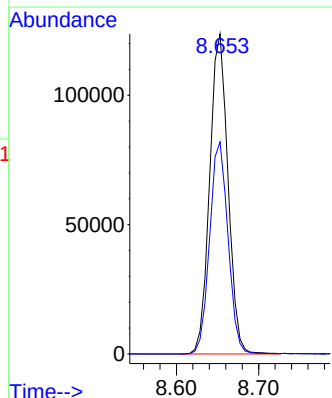
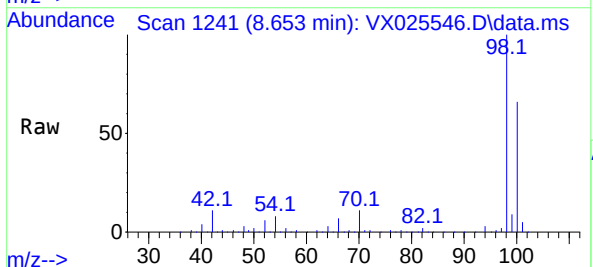
RT: 8.653 min Scan# 1241

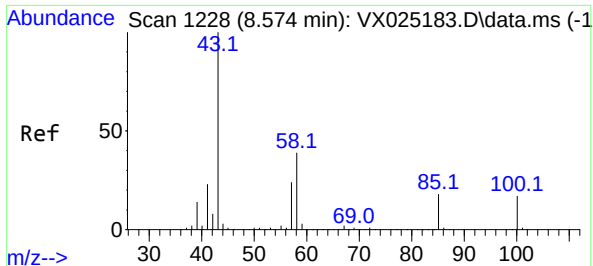
Delta R.T. -0.000 min

Lab File: VX025546.D

Acq: 06 Dec 2021 14:08

Tgt Ion:	98	Resp:	191146
Ion	Ratio	Lower	Upper
98	100		
100	66.7	51.4	77.0

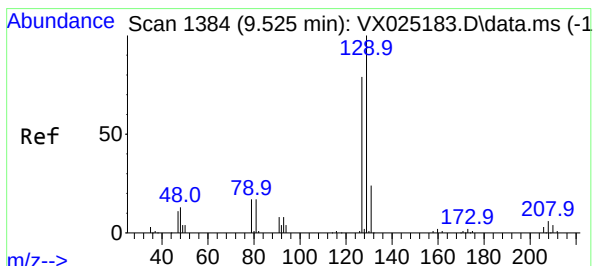
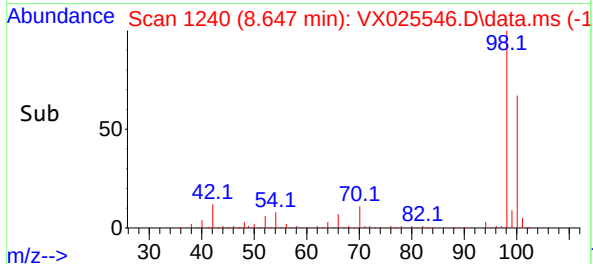
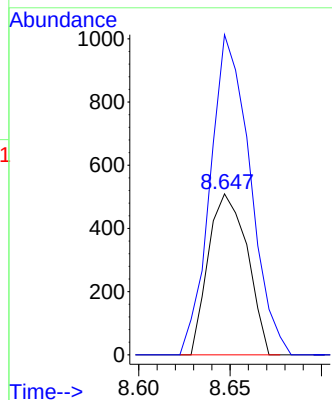
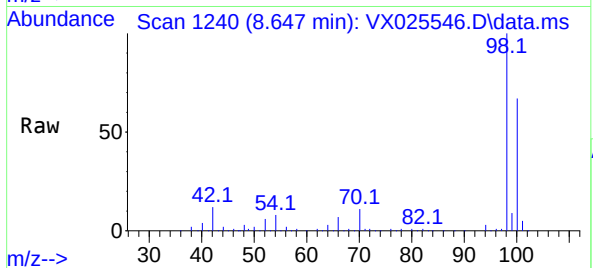




#51
4-Methyl-2-Pentanone
Concen: 0.437 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX025546.D
Acq: 06 Dec 2021 14:08

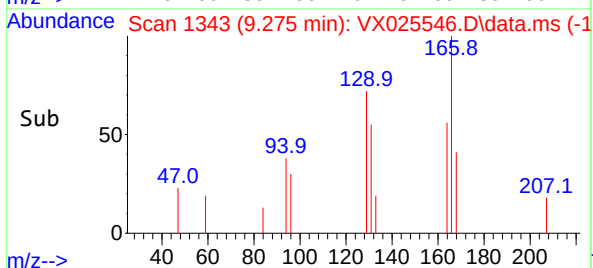
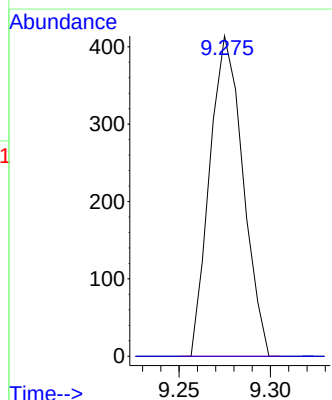
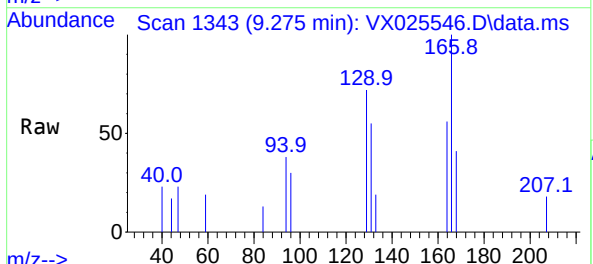
Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20211202

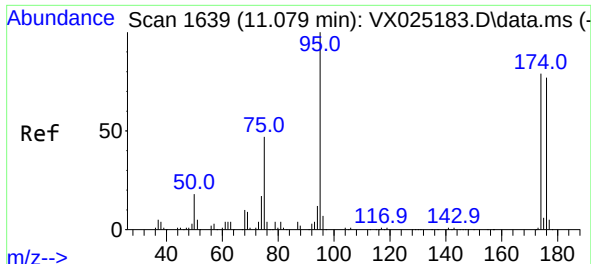
Tgt Ion: 43 Resp: 754
Ion Ratio Lower Upper
43 100
58 203.7 30.9 46.3#



#60
Dibromochloromethane
Concen: 0.399 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX025546.D
Acq: 06 Dec 2021 14:08

Tgt Ion: 129 Resp: 525
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#

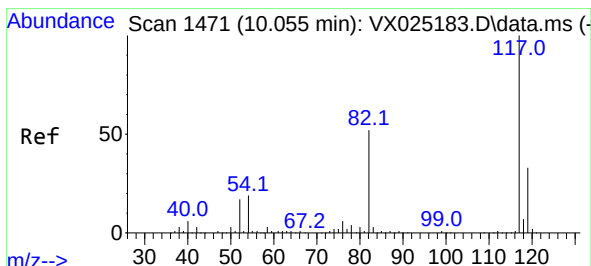
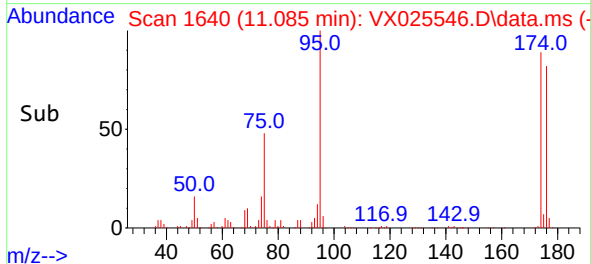
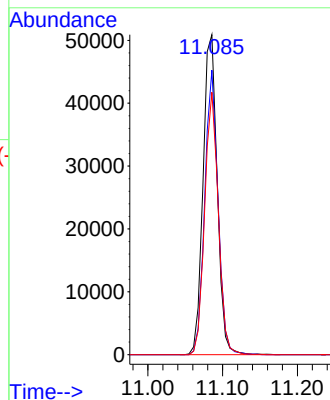
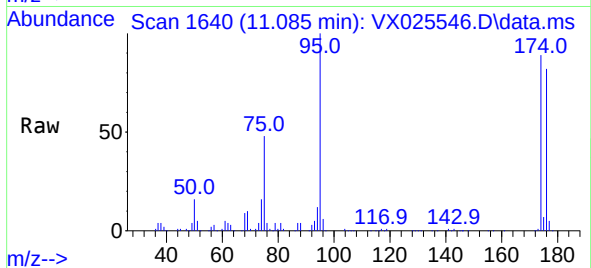




#62
4-Bromofluorobenzene
Concen: 45.986 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX025546.D
Acq: 06 Dec 2021 14:08

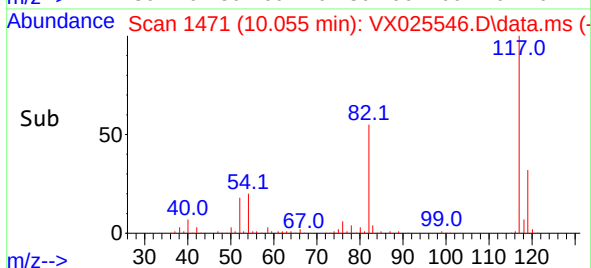
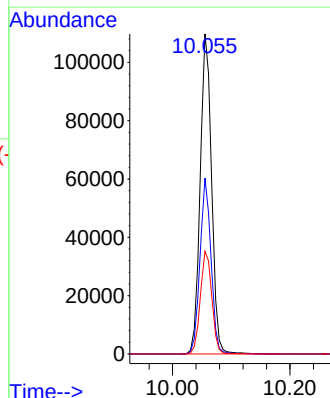
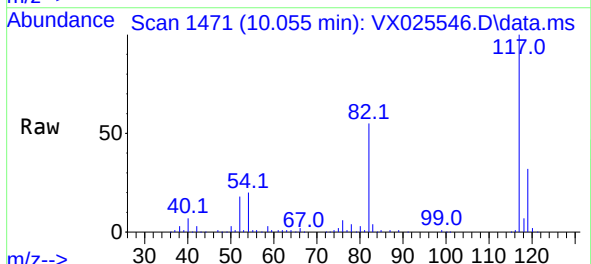
Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20211202

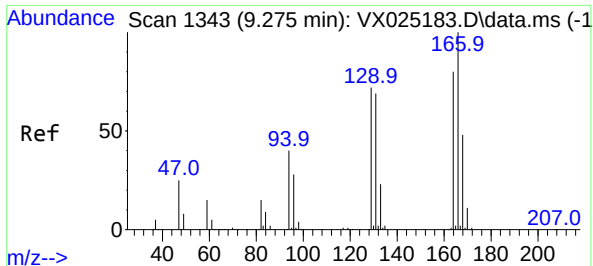
Tgt Ion: 95 Resp: 66878
Ion Ratio Lower Upper
95 100
174 83.7 0.0 158.0
176 79.1 0.0 153.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX025546.D
Acq: 06 Dec 2021 14:08

Tgt Ion: 117 Resp: 148038
Ion Ratio Lower Upper
117 100
82 54.9 44.6 67.0
119 32.1 24.8 37.2



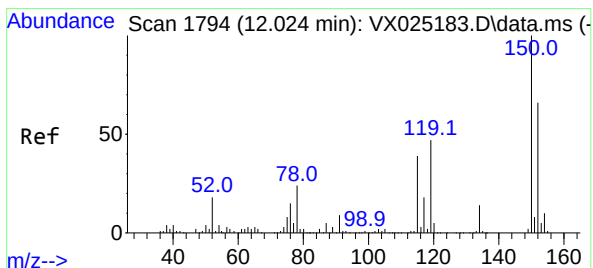
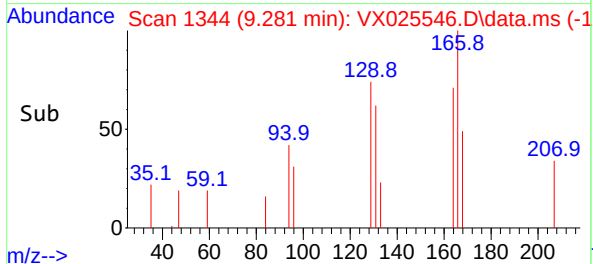
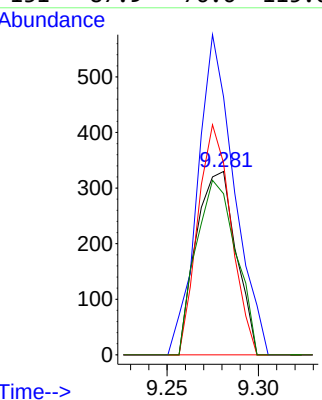
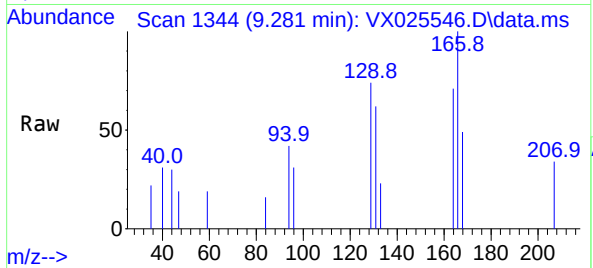


#64
Tetrachloroethene
Concen: 0.410 ug/l
RT: 9.281 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX025546.D
Acq: 06 Dec 2021 14:08

Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20211202

Tgt Ion:164 Resp: 500

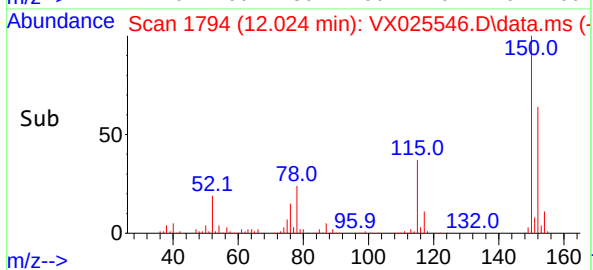
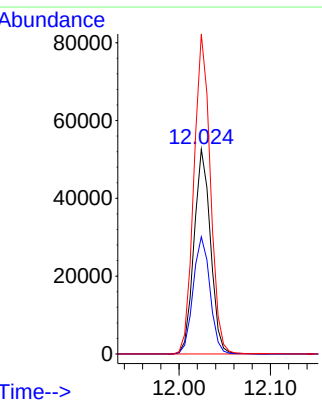
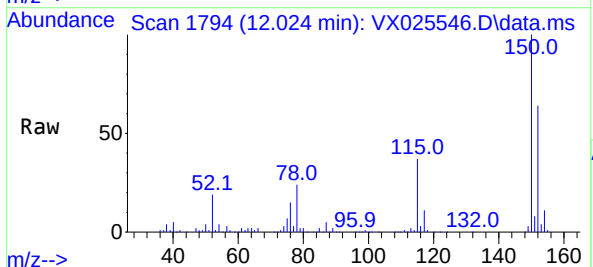
Ion	Ratio	Lower	Upper
164	100		
166	140.6	103.2	154.8
129	104.5	81.0	121.4
131	87.9	76.6	115.0

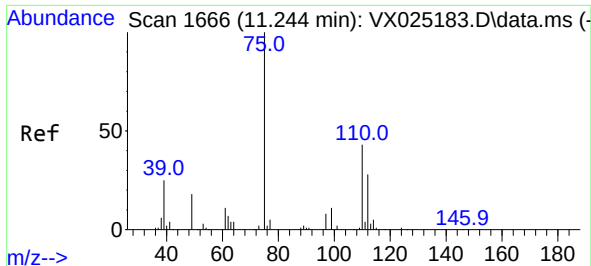


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX025546.D
Acq: 06 Dec 2021 14:08

Tgt Ion:152 Resp: 65576

Ion	Ratio	Lower	Upper
152	100		
115	58.4	43.3	129.8
150	156.5	0.0	351.2

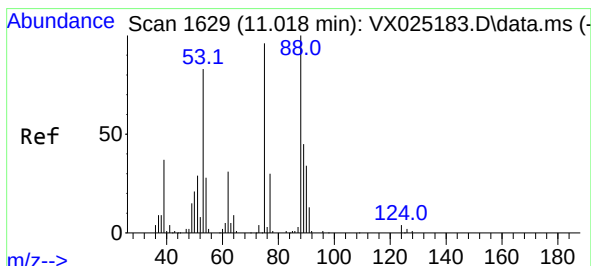
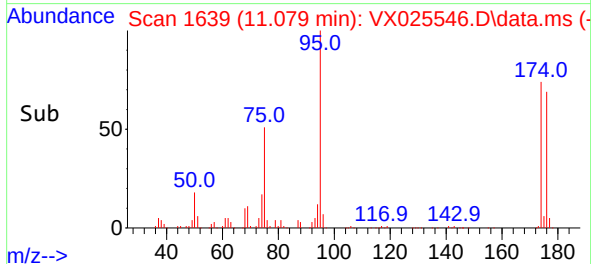
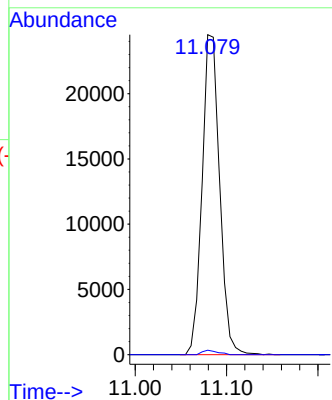
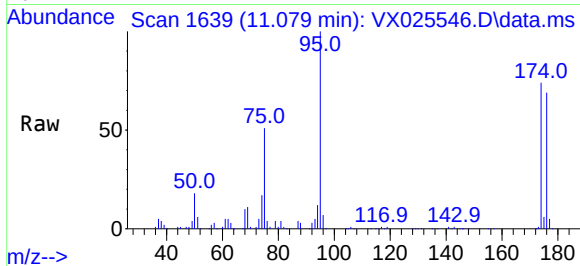




#76
1,2,3-Trichloropropane
Concen: 24.398 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX025546.D
Acq: 06 Dec 2021 14:08

Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20211202

Tgt Ion: 75 Resp: 32763
Ion Ratio Lower Upper
75 100
77 1.2 20.0 59.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.463 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX025546.D
Acq: 06 Dec 2021 14:08

Tgt Ion: 75 Resp: 32763
Ion Ratio Lower Upper
75 100
53 0.0 81.9 122.9#
89 0.0 38.2 57.2#

