

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021223\
 Data File : VX034109.D
 Acq On : 10 Feb 2023 13:09
 Operator : JC/MD
 Sample : 01445-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 JPP-26-020323

Quant Time: Feb 10 13:32:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020423W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 03 23:25:45 2023
 Response via : Initial Calibration

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

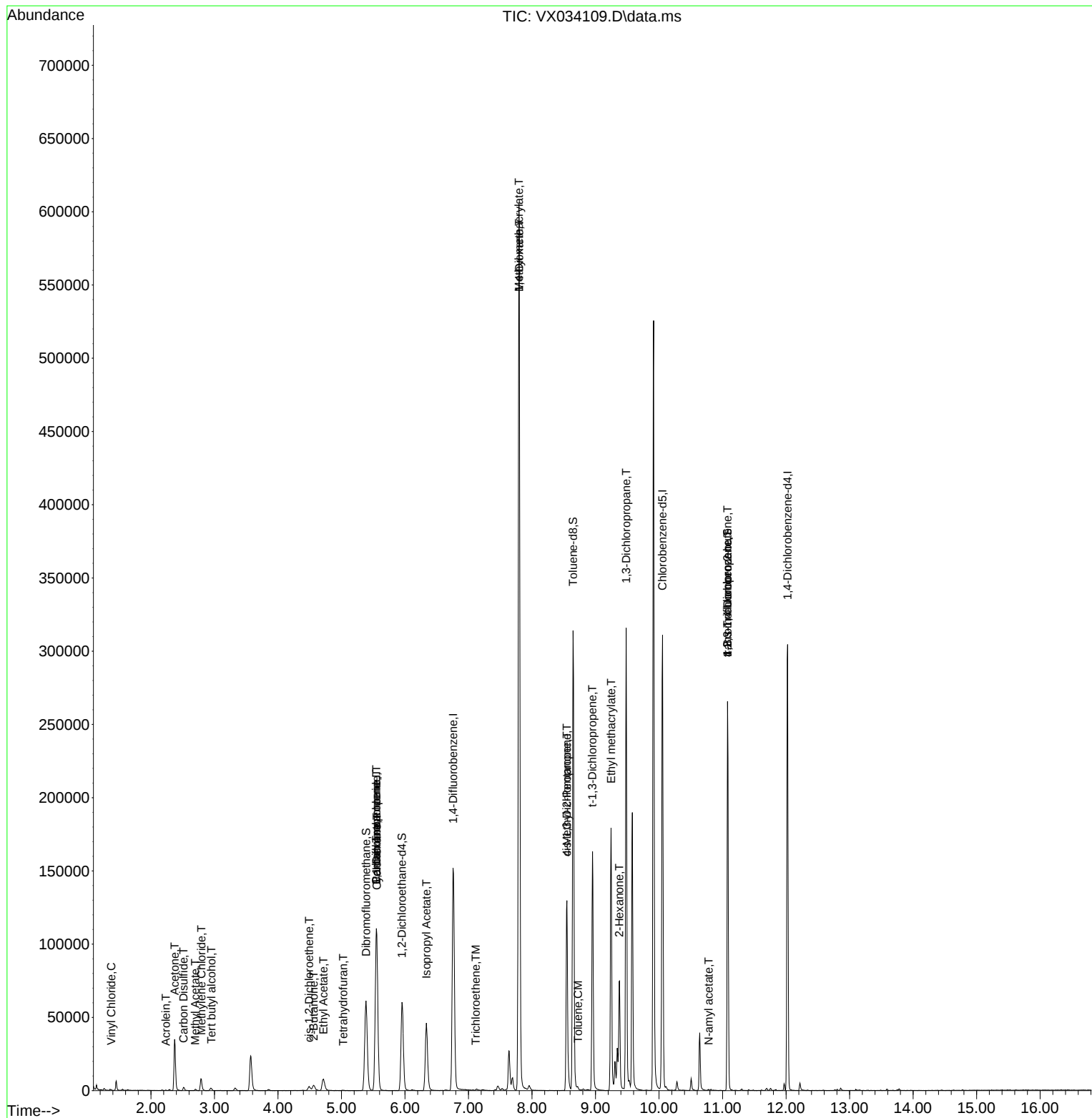
Internal Standards						
1) Pentafluorobenzene	5.550	168	119915	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	167164	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	148565	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	74243	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	59803	51.731	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	103.460%
35) Dibromofluoromethane	5.385	113	53141	49.950	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.900%
50) Toluene-d8	8.647	98	189835	49.525	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.060%
62) 4-Bromofluorobenzene	11.079	95	67011	48.949	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.900%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.374	62	381	0.395	ug/l #	78
11) Tert butyl alcohol	2.953	59	1301	8.033	ug/l #	86
13) Acrolein	2.233	56	183	0.842	ug/l #	79
16) Acetone	2.373	43	37427	76.653	ug/l	96
17) Carbon Disulfide	2.514	76	2287	0.918	ug/l #	89
18) Methyl Acetate	2.697	43	1061	0.699	ug/l	98
20) Methylene Chloride	2.794	84	4327	3.874	ug/l	89
25) 2-Butanone	4.562	43	5692	8.006	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	2037	1.656	ug/l	89
29) Tetrahydrofuran	5.025	42	258	0.571	ug/l #	40
31) Cyclohexane	5.556	56	1834	1.089	ug/l #	4
36) 1,1-Dichloropropene	5.550	75	6909	4.737	ug/l #	51
37) Ethyl Acetate	4.714	43	14129	10.398	ug/l	98
38) Carbon Tetrachloride	5.550	117	10348	6.652	ug/l #	15
43) Isopropyl Acetate	6.336	43	61521	29.031	ug/l	98
44) Trichloroethene	7.116	130	379	0.292	ug/l	78
48) Methyl methacrylate	7.793	41	51646	47.203	ug/l #	46
49) 1,4-Dioxane	7.799	88	93	4.416	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	47278	35.568	ug/l #	51
52) Toluene	8.726	92	638	0.233	ug/l	86
53) t-1,3-Dichloropropene	8.952	75	431	0.303	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	22021	13.611	ug/l #	62
56) Ethyl methacrylate	9.244	69	382	0.250	ug/l #	1
57) 1,3-Dichloropropane	9.482	76	2667	1.494	ug/l #	43
59) 2-Hexanone	9.372	43	59675	61.347	ug/l #	24
74) N-amyl acetate	10.780	43	450	0.275	ug/l #	42
76) 1,2,3-Trichloropropane	11.079	75	32195	25.255	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	32195	77.776	ug/l #	8

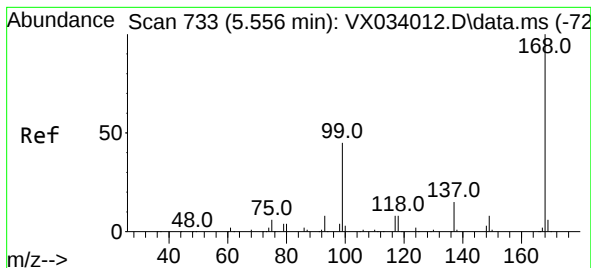
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021223\
Data File : VX034109.D
Acq On : 10 Feb 2023 13:09
Operator : JC/MD
Sample : 01445-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
JPP-26-020323

Quant Time: Feb 10 13:32:09 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020423W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 03 23:25:45 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.006 min

Lab File: VX034109.D

Acq: 10 Feb 2023 13:09

Instrument :

MSVOA_X

ClientSampleId :

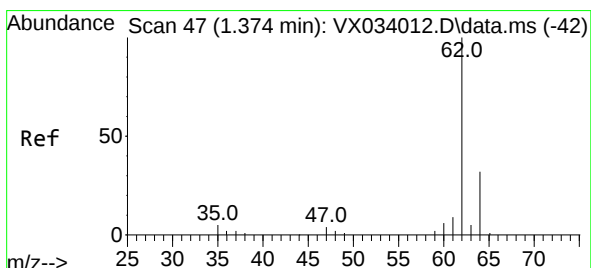
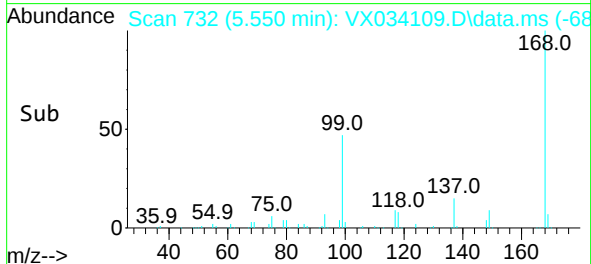
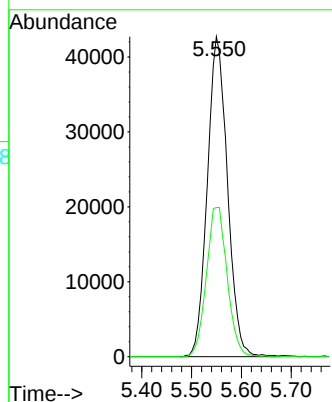
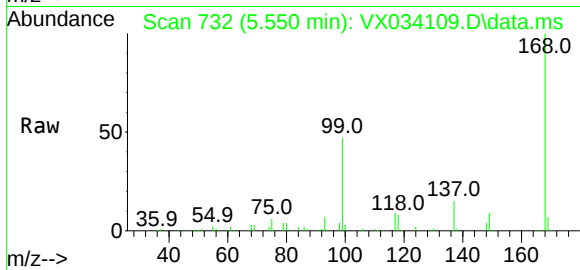
JPP-26-020323

Tgt Ion:168 Resp: 119915

Ion Ratio Lower Upper

168 100

99 46.6 39.6 59.4



#4

Vinyl Chloride

Concen: 0.395 ug/l

RT: 1.374 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX034109.D

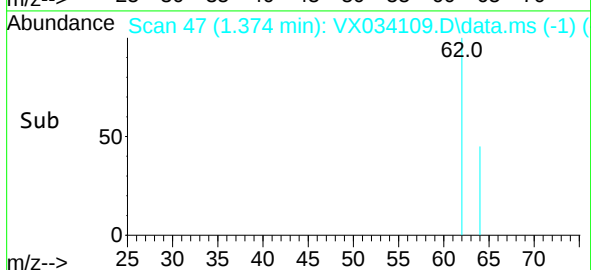
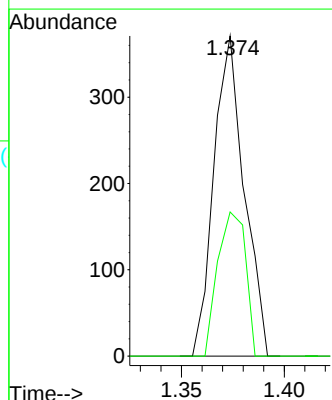
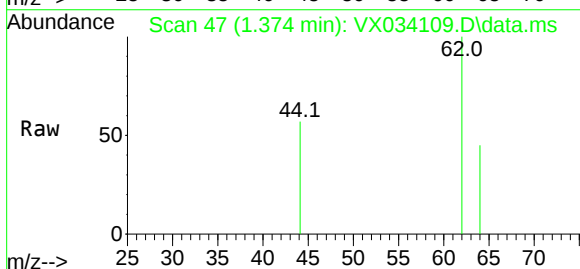
Acq: 10 Feb 2023 13:09

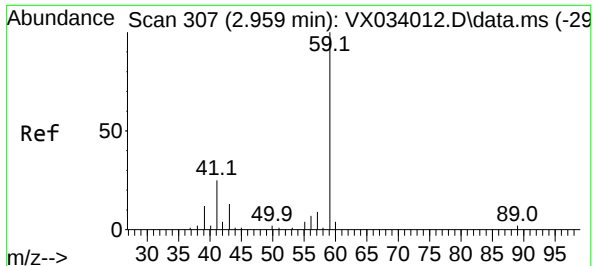
Tgt Ion: 62 Resp: 381

Ion Ratio Lower Upper

62 100

64 45.0 26.2 39.4#





#11

Tert butyl alcohol

Concen: 8.033 ug/l

RT: 2.953 min Scan# 307

Delta R.T. -0.006 min

Lab File: VX034109.D

Acq: 10 Feb 2023 13:09

Instrument :

MSVOA_X

ClientSampleId :

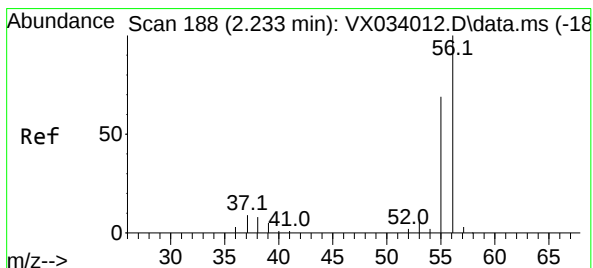
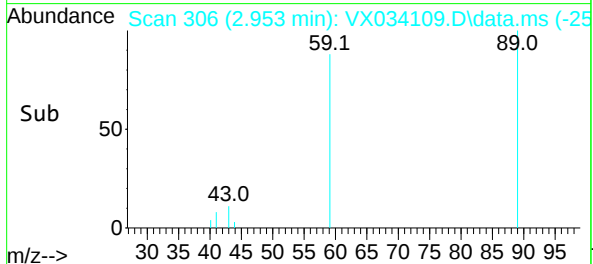
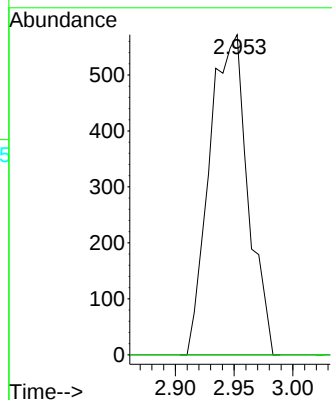
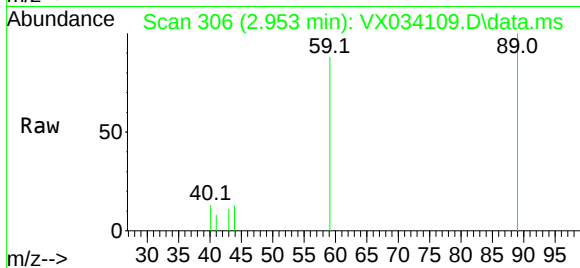
JPP-26-020323

Tgt Ion: 59 Resp: 1301

Ion Ratio Lower Upper

59 100

57 0.0 3.7 5.5#



#13

Acrolein

Concen: 0.842 ug/l

RT: 2.233 min Scan# 188

Delta R.T. -0.000 min

Lab File: VX034109.D

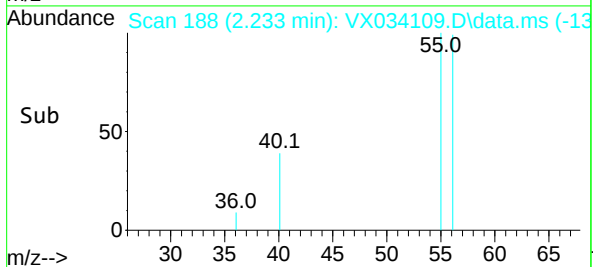
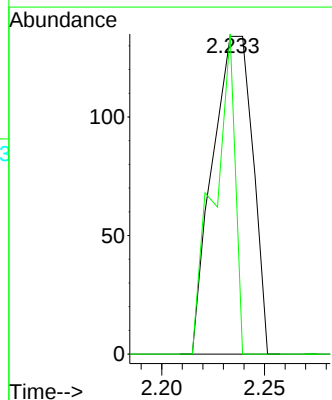
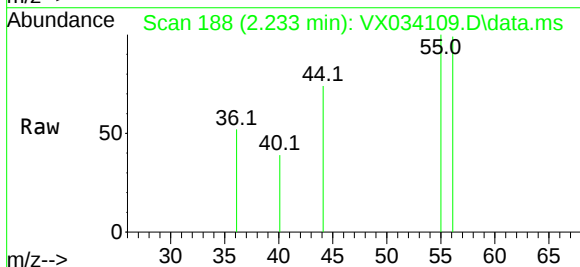
Acq: 10 Feb 2023 13:09

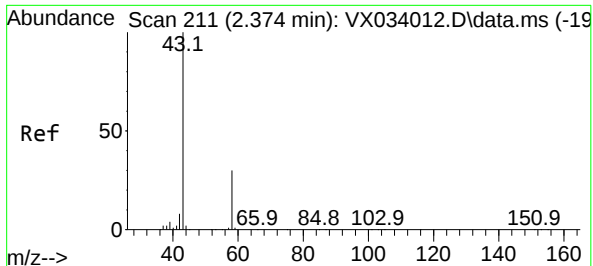
Tgt Ion: 56 Resp: 183

Ion Ratio Lower Upper

56 100

55 53.0 56.3 84.5#

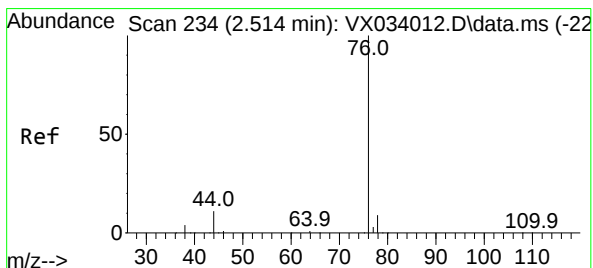
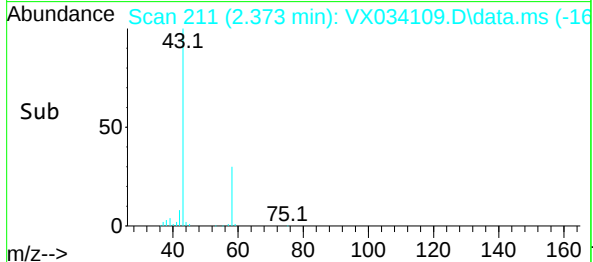
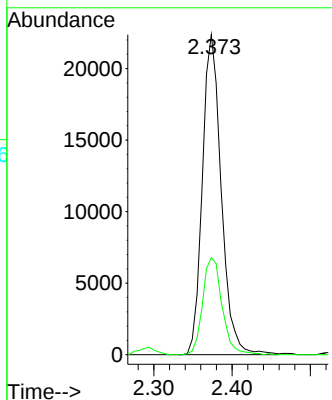
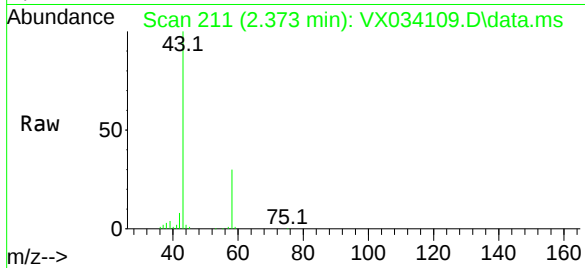




#16
Acetone
Concen: 76.653 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX034109.D
Acq: 10 Feb 2023 13:09

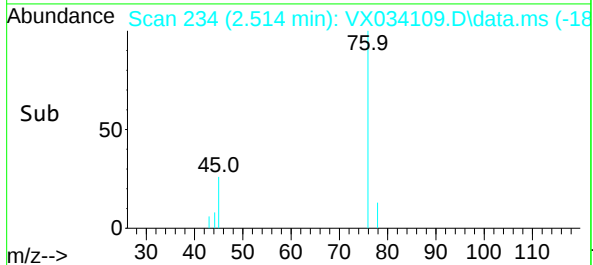
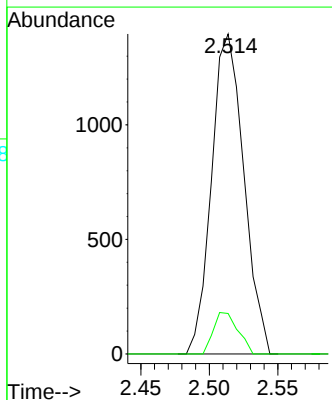
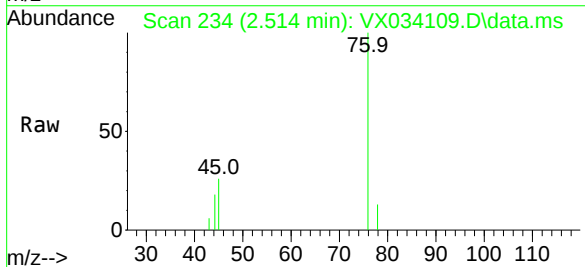
Instrument :
MSVOA_X
ClientSampleId :
JPP-26-020323

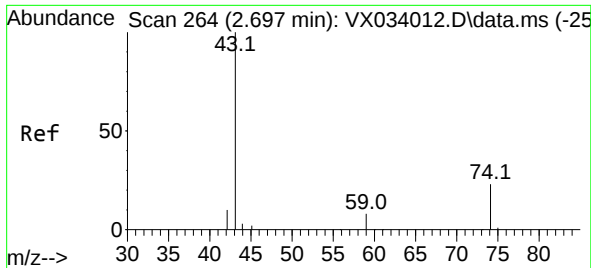
Tgt Ion: 43 Resp: 37427
Ion Ratio Lower Upper
43 100
58 30.3 22.6 33.8



#17
Carbon Disulfide
Concen: 0.918 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX034109.D
Acq: 10 Feb 2023 13:09

Tgt Ion: 76 Resp: 2287
Ion Ratio Lower Upper
76 100
78 12.7 7.0 10.6#

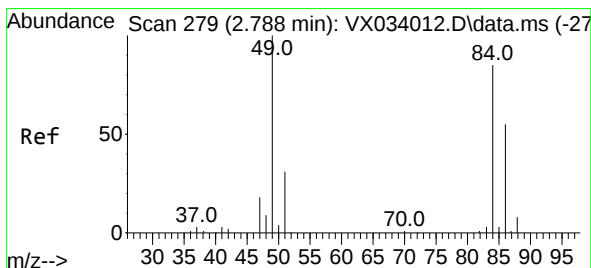
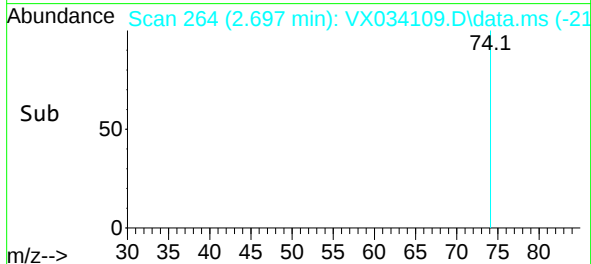
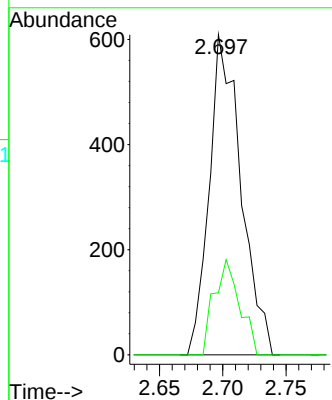
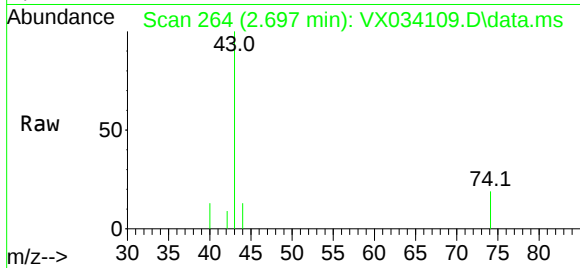




#18
Methyl Acetate
Concen: 0.699 ug/l
RT: 2.697 min Scan# 210
Delta R.T. -0.000 min
Lab File: VX034109.D
Acq: 10 Feb 2023 13:09

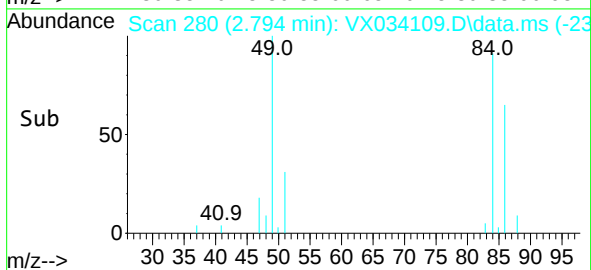
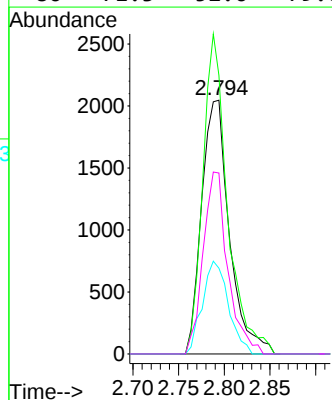
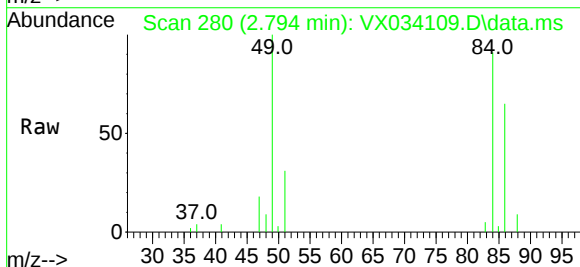
Instrument :
MSVOA_X
ClientSampleId :
JPP-26-020323

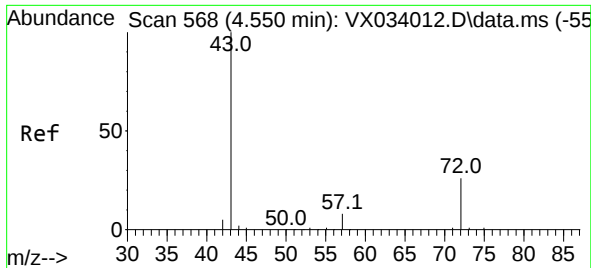
Tgt Ion: 43 Resp: 1061
Ion Ratio Lower Upper
43 100
74 23.8 18.2 27.4



#20
Methylene Chloride
Concen: 3.874 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX034109.D
Acq: 10 Feb 2023 13:09

Tgt Ion: 84 Resp: 4327
Ion Ratio Lower Upper
84 100
49 109.8 101.1 151.7
51 33.8 31.0 46.6
86 71.3 52.6 79.0

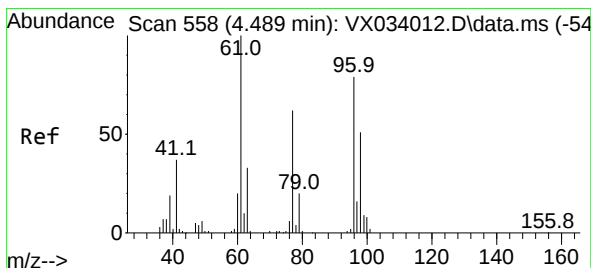
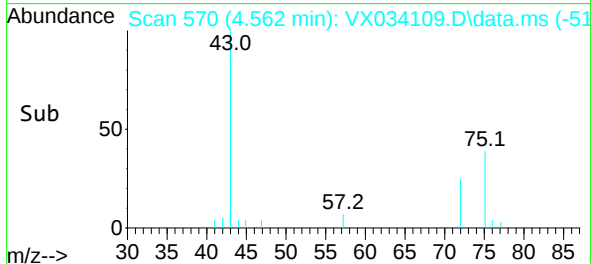
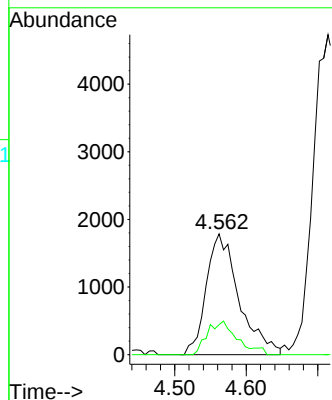
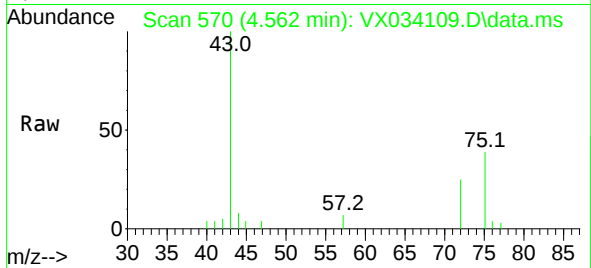




#25
2-Butanone
Concen: 8.006 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX034109.D
Acq: 10 Feb 2023 13:09

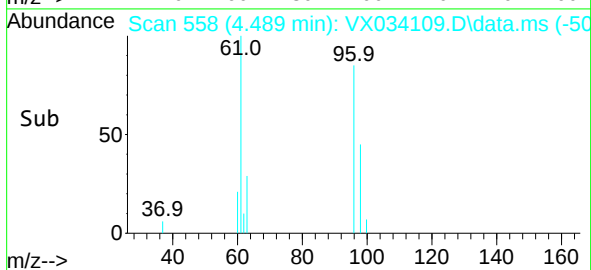
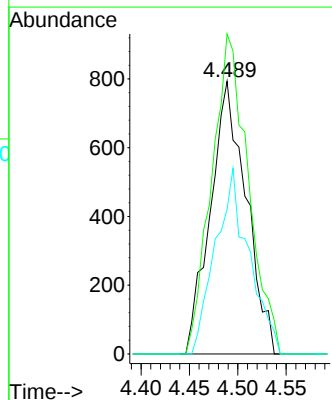
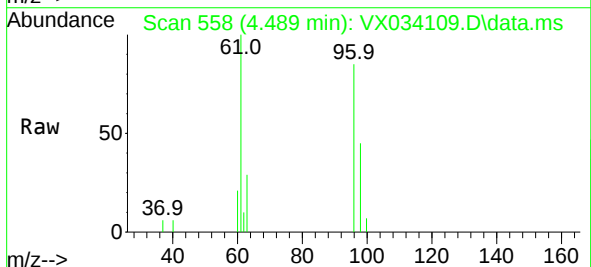
Instrument :
MSVOA_X
ClientSampleId :
JPP-26-020323

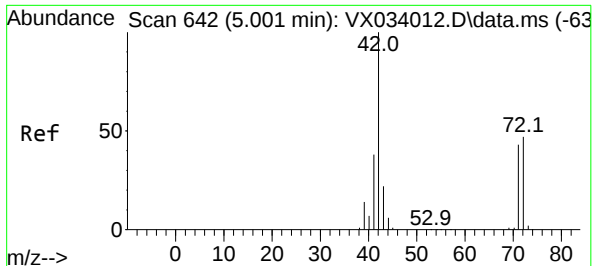
Tgt Ion: 43 Resp: 5692
Ion Ratio Lower Upper
43 100
72 24.9 19.4 29.2



#27
cis-1,2-Dichloroethene
Concen: 1.656 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX034109.D
Acq: 10 Feb 2023 13:09

Tgt Ion: 96 Resp: 2037
Ion Ratio Lower Upper
96 100
61 120.1 0.0 277.6
98 63.9 0.0 128.0





#29

Tetrahydrofuran

Concen: 0.571 ug/l

RT: 5.025 min Scan# 64

Delta R.T. 0.024 min

Lab File: VX034109.D

Acq: 10 Feb 2023 13:09

Instrument :

MSVOA_X

ClientSampleId :

JPP-26-020323

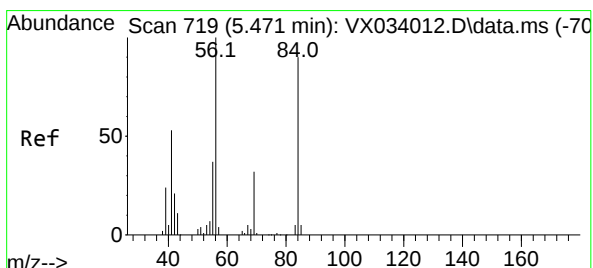
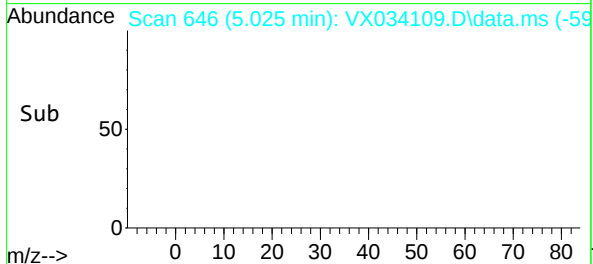
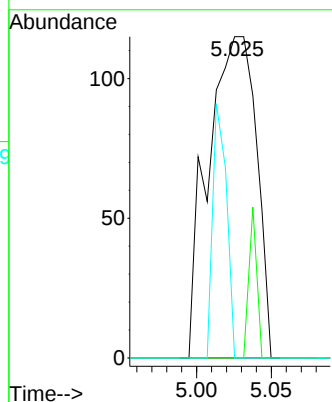
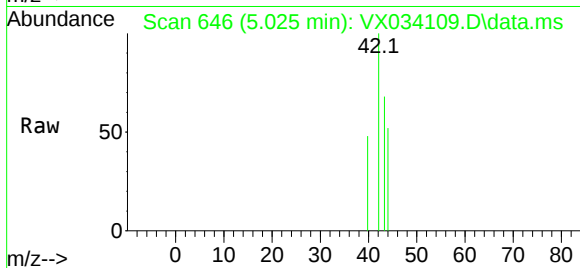
Tgt Ion: 42 Resp: 258

Ion Ratio Lower Upper

42 100

72 7.8 34.8 52.2#

71 0.0 32.2 48.2#



#31

Cyclohexane

Concen: 1.089 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.085 min

Lab File: VX034109.D

Acq: 10 Feb 2023 13:09

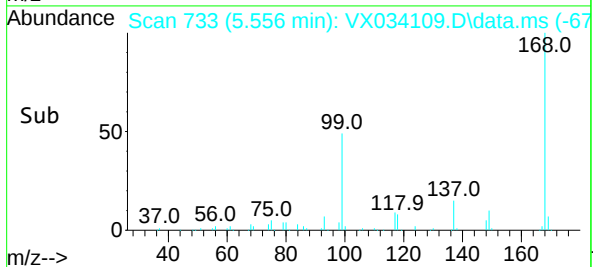
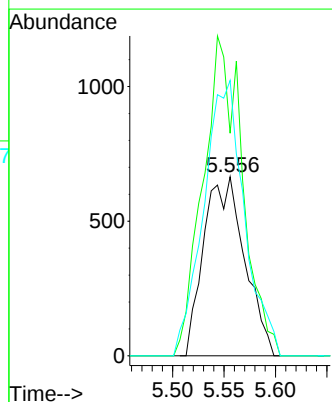
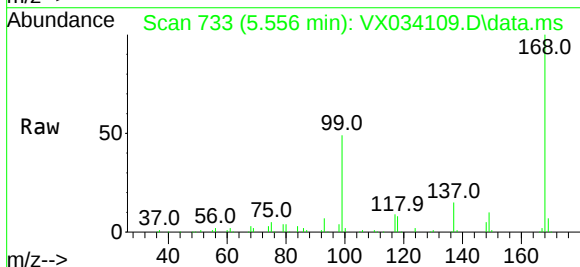
Tgt Ion: 56 Resp: 1834

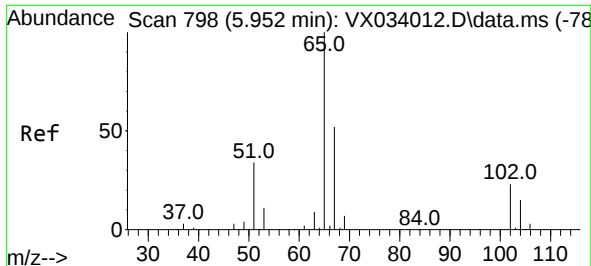
Ion Ratio Lower Upper

56 100

69 124.4 24.6 37.0#

84 153.8 71.0 106.6#





#33

1,2-Dichloroethane-d4

Concen: 51.731 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX034109.D

Acq: 10 Feb 2023 13:09

Instrument :

MSVOA_X

ClientSampleId :

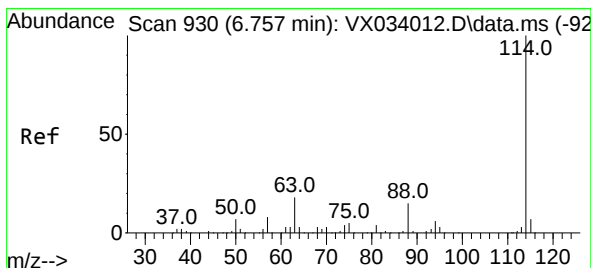
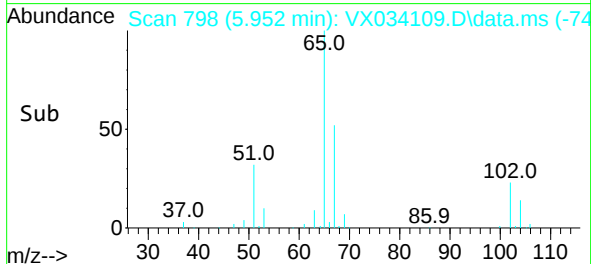
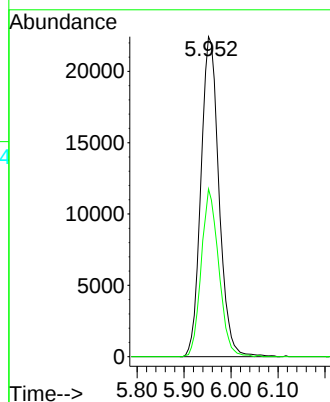
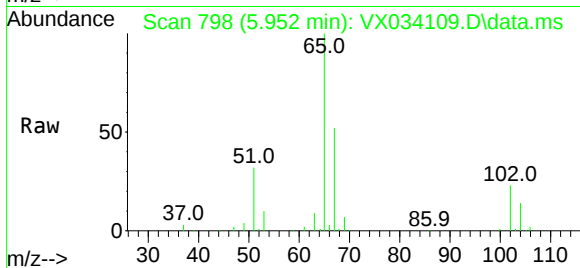
JPP-26-020323

Tgt Ion: 65 Resp: 59803

Ion Ratio Lower Upper

65 100

67 50.8 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX034109.D

Acq: 10 Feb 2023 13:09

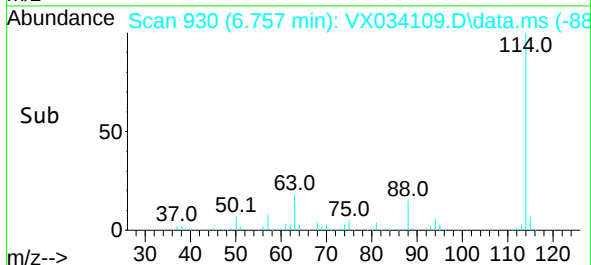
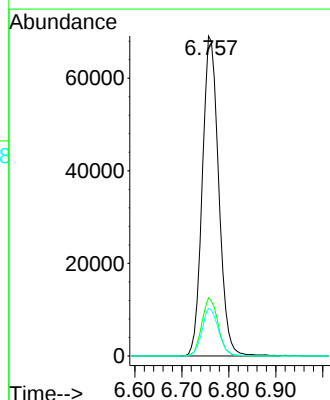
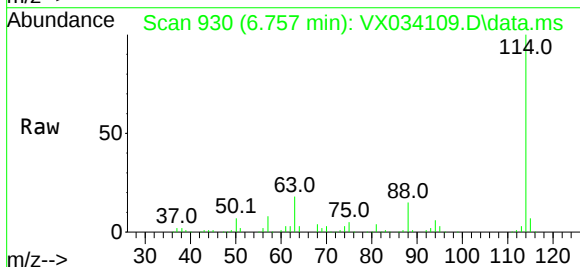
Tgt Ion: 114 Resp: 167164

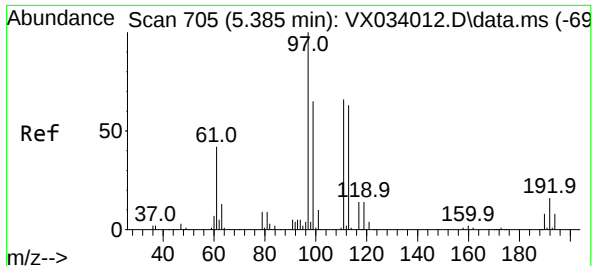
Ion Ratio Lower Upper

114 100

63 18.2 0.0 37.4

88 14.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.950 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX034109.D

Acq: 10 Feb 2023 13:09

Instrument :

MSVOA_X

ClientSampleId :

JPP-26-020323

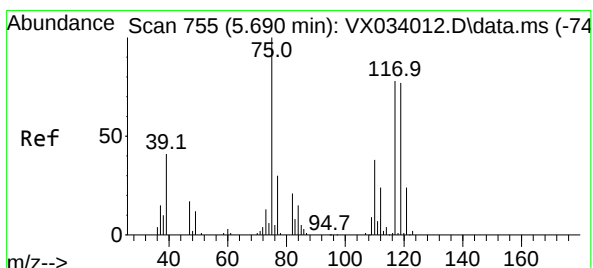
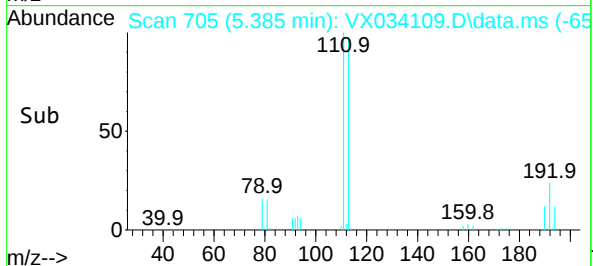
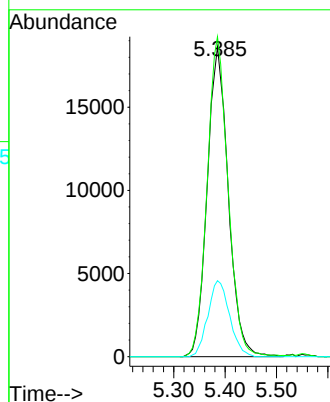
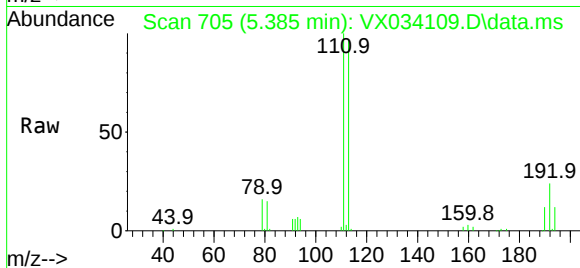
Tgt Ion:113 Resp: 53141

Ion Ratio Lower Upper

113 100

111 102.5 83.0 124.6

192 25.2 19.0 28.4



#36

1,1-Dichloropropene

Concen: 4.737 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX034109.D

Acq: 10 Feb 2023 13:09

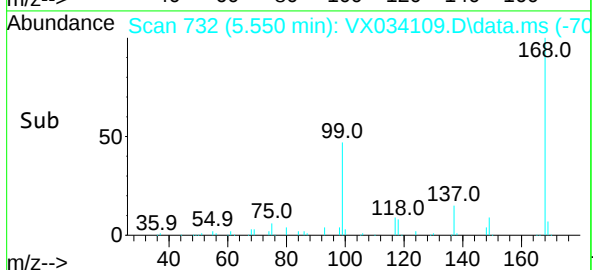
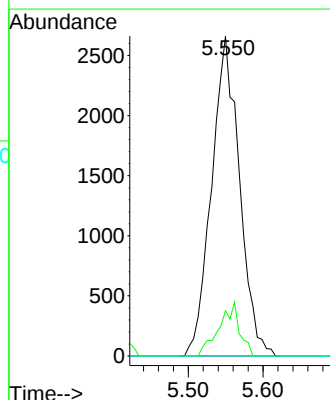
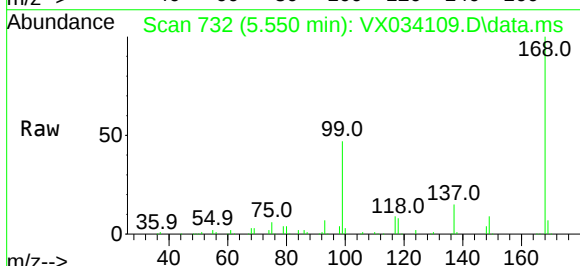
Tgt Ion: 75 Resp: 6909

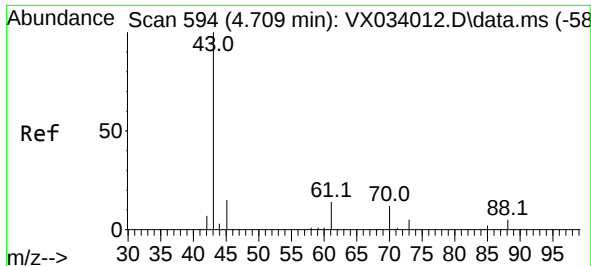
Ion Ratio Lower Upper

75 100

110 12.4 18.8 56.4#

77 0.0 25.1 37.7#





#37

Ethyl Acetate

Concen: 10.398 ug/l

RT: 4.714 min Scan# 594

Delta R.T. 0.006 min

Lab File: VX034109.D

Acq: 10 Feb 2023 13:09

Instrument :

MSVOA_X

ClientSampleId :

JPP-26-020323

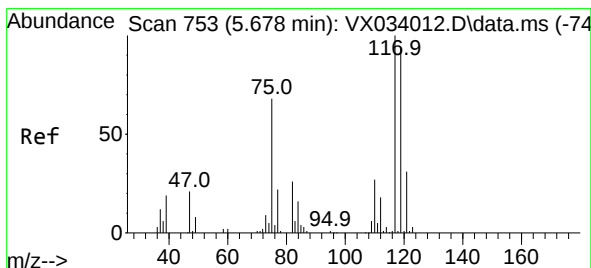
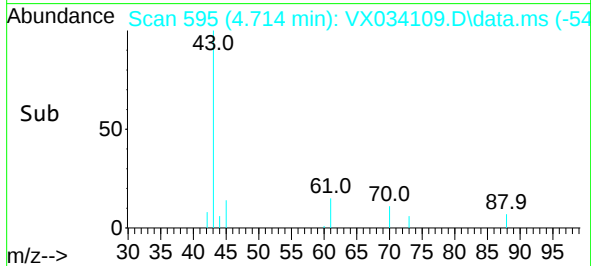
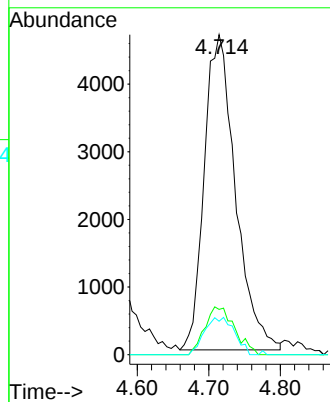
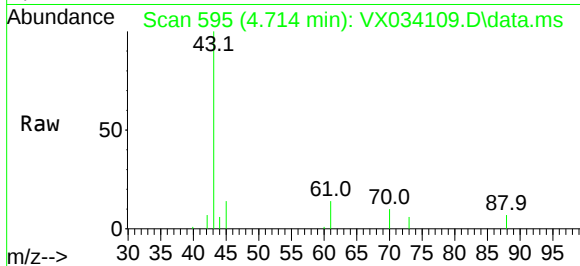
Tgt Ion: 43 Resp: 14129

Ion Ratio Lower Upper

43 100

61 14.5 11.1 16.7

70 11.3 8.5 12.7



#38

Carbon Tetrachloride

Concen: 6.652 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.128 min

Lab File: VX034109.D

Acq: 10 Feb 2023 13:09

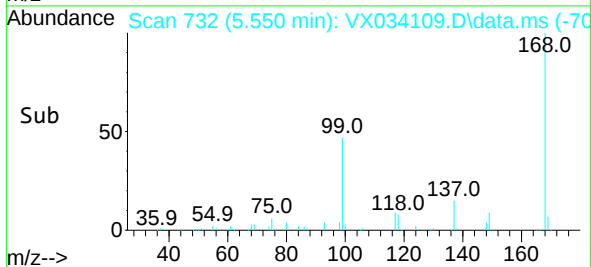
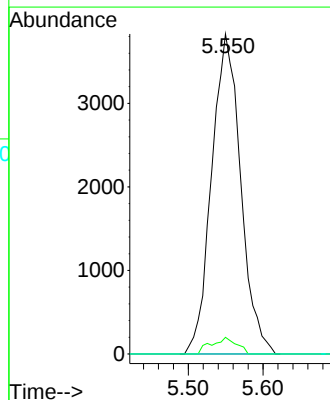
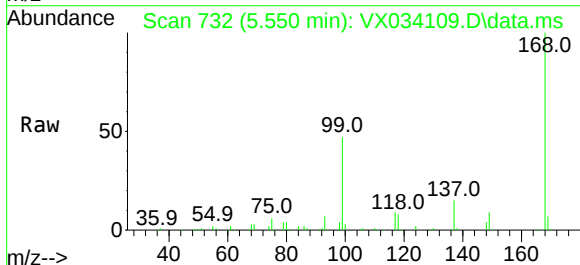
Tgt Ion: 117 Resp: 10348

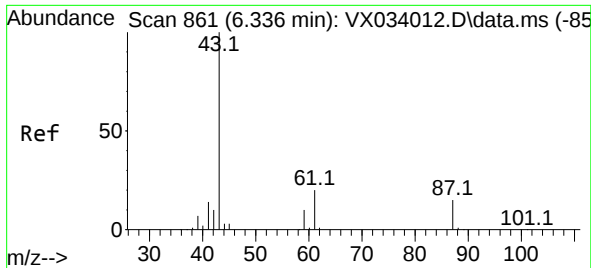
Ion Ratio Lower Upper

117 100

119 5.2 78.0 117.0#

121 0.0 24.4 36.6#

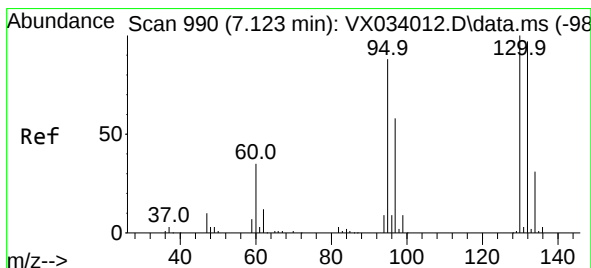
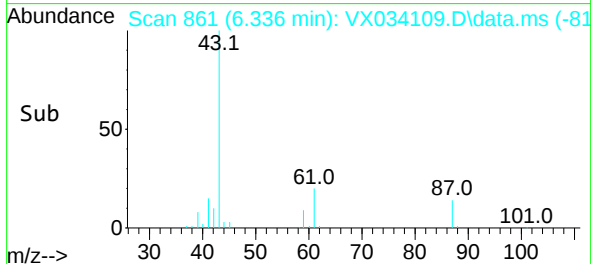
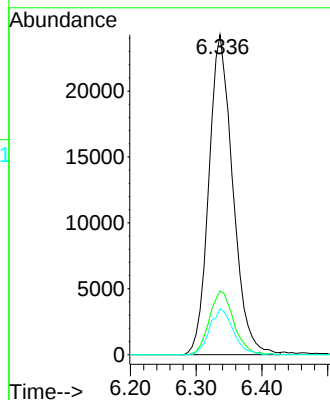
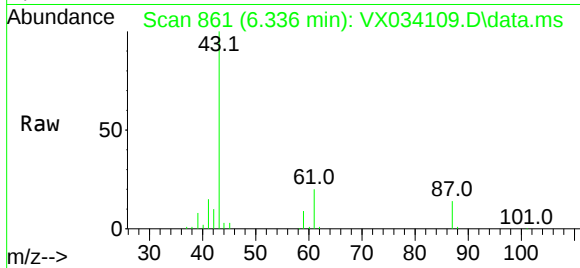




#43
Isopropyl Acetate
Concen: 29.031 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.000 min
Lab File: VX034109.D
Acq: 10 Feb 2023 13:09

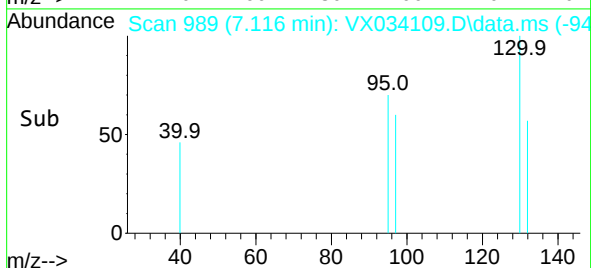
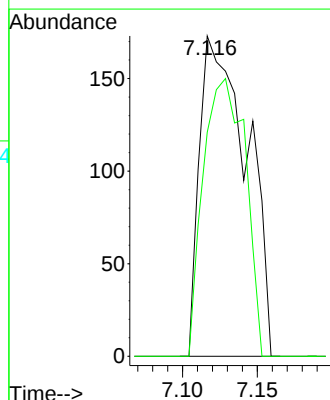
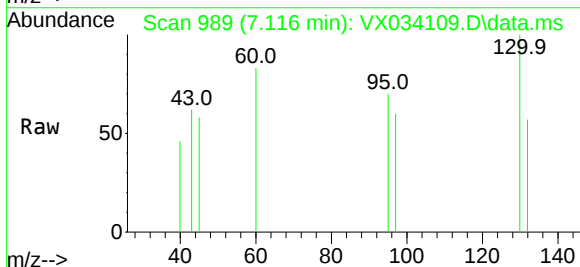
Instrument :
MSVOA_X
ClientSampleId :
JPP-26-020323

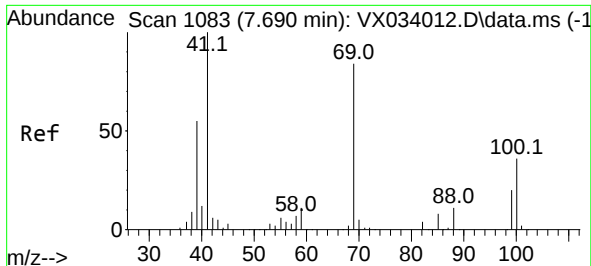
Tgt Ion: 43 Resp: 61521
Ion Ratio Lower Upper
43 100
61 20.3 15.7 23.5
87 14.1 10.6 15.8



#44
Trichloroethene
Concen: 0.292 ug/l
RT: 7.116 min Scan# 989
Delta R.T. -0.006 min
Lab File: VX034109.D
Acq: 10 Feb 2023 13:09

Tgt Ion: 130 Resp: 379
Ion Ratio Lower Upper
130 100
95 69.9 0.0 182.6

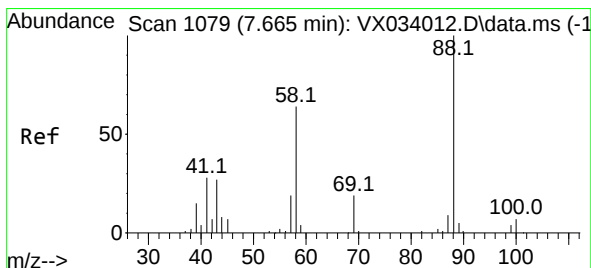
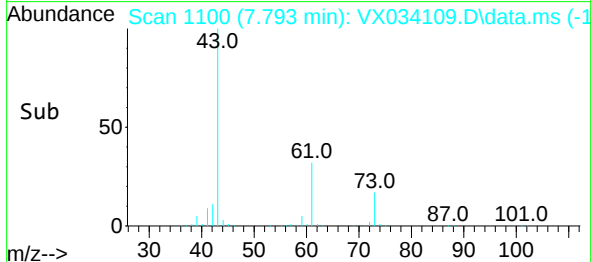
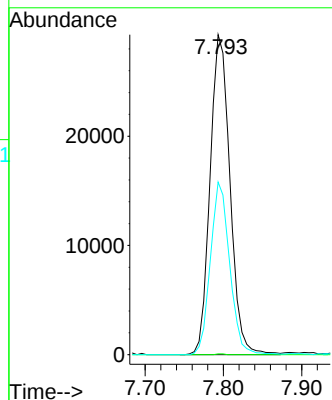
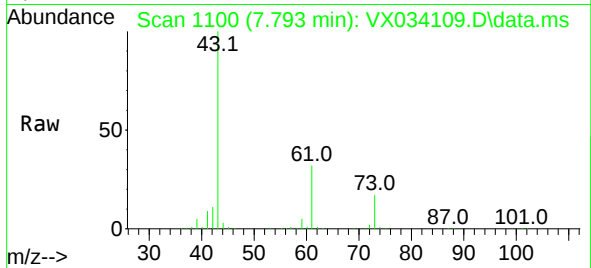




#48
Methyl methacrylate
Concen: 47.203 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.104 min
Lab File: VX034109.D
Acq: 10 Feb 2023 13:09

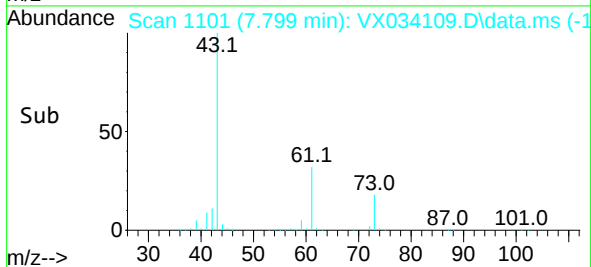
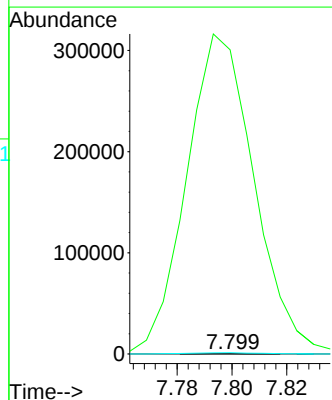
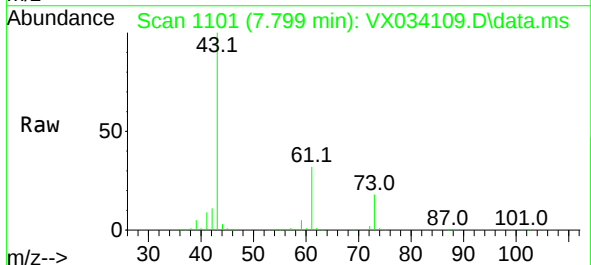
Instrument :
MSVOA_X
ClientSampleId :
JPP-26-020323

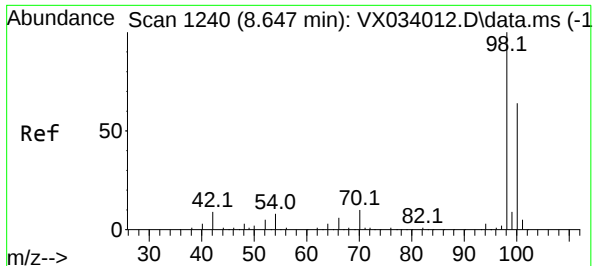
Tgt Ion: 41 Resp: 51646
Ion Ratio Lower Upper
41 100
69 0.1 63.1 94.7#
39 52.4 43.2 64.8



#49
1,4-Dioxane
Concen: 4.416 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.134 min
Lab File: VX034109.D
Acq: 10 Feb 2023 13:09

Tgt Ion: 88 Resp: 93
Ion Ratio Lower Upper
88 100
43 590752.7 0.0 0.0#
58 2397.8 56.5 84.7#

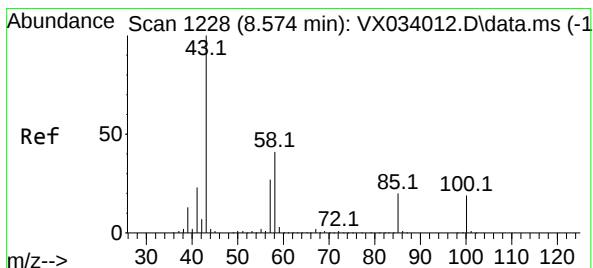
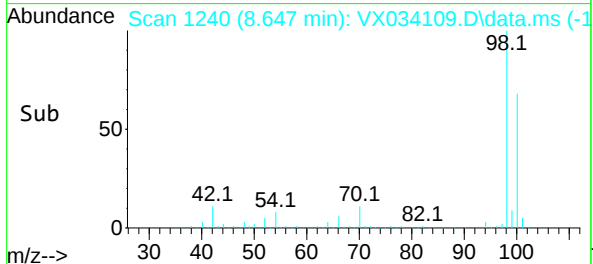
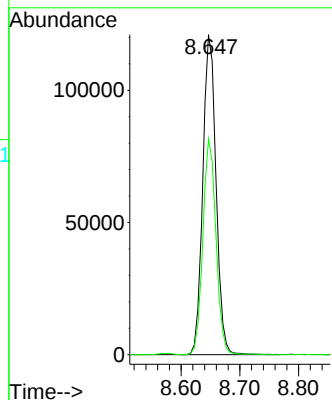
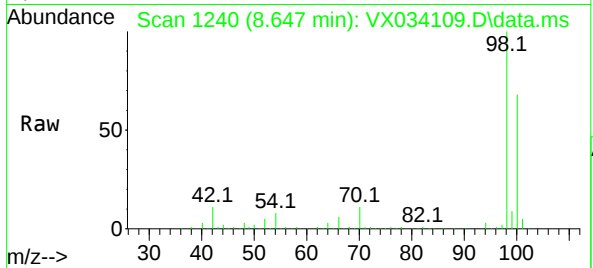




#50
Toluene-d8
Concen: 49.525 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034109.D
Acq: 10 Feb 2023 13:09

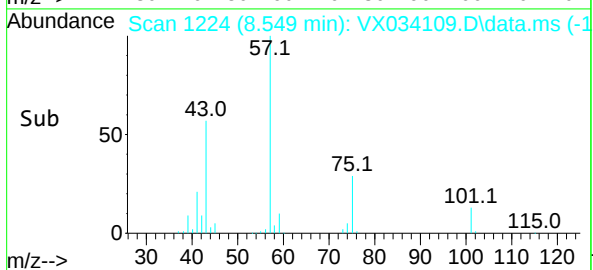
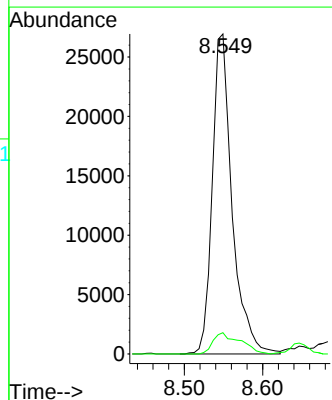
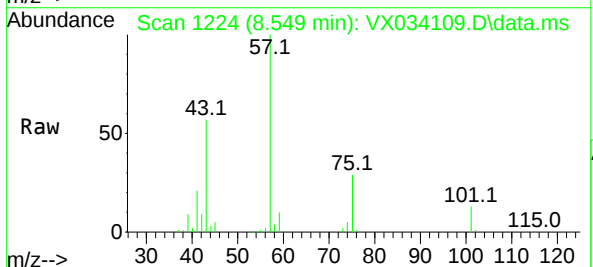
Instrument :
MSVOA_X
ClientSampleId :
JPP-26-020323

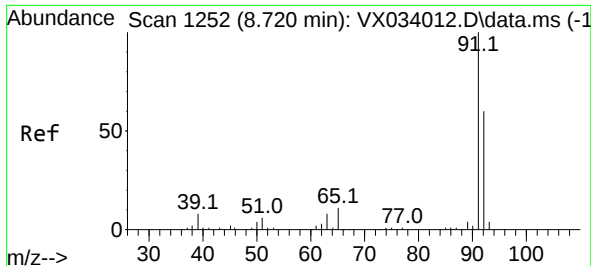
Tgt Ion: 98 Resp: 189835
Ion Ratio Lower Upper
98 100
100 66.8 53.6 80.4



#51
4-Methyl-2-Pentanone
Concen: 35.568 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.025 min
Lab File: VX034109.D
Acq: 10 Feb 2023 13:09

Tgt Ion: 43 Resp: 47278
Ion Ratio Lower Upper
43 100
58 9.2 31.2 46.8#





#52

Toluene

Concen: 0.233 ug/l

RT: 8.726 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX034109.D

Acq: 10 Feb 2023 13:09

Instrument :

MSVOA_X

ClientSampleId :

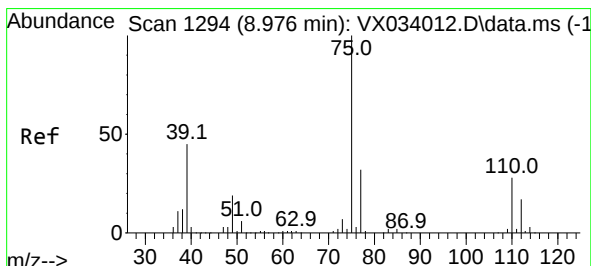
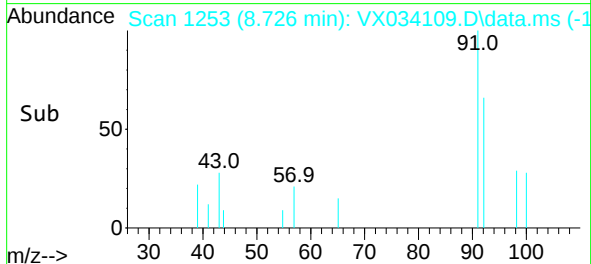
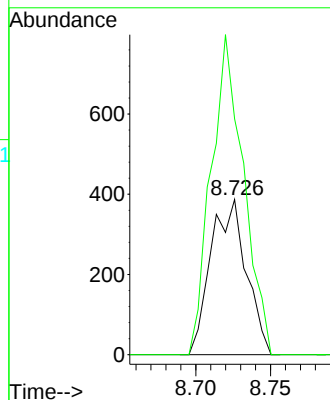
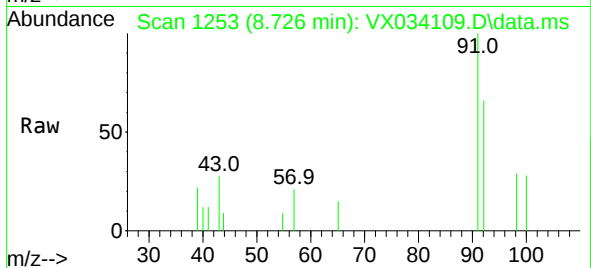
JPP-26-020323

Tgt Ion: 92 Resp: 638

Ion Ratio Lower Upper

92 100

91 188.4 135.5 203.3



#53

t-1,3-Dichloropropene

Concen: 0.303 ug/l

RT: 8.952 min Scan# 1290

Delta R.T. -0.025 min

Lab File: VX034109.D

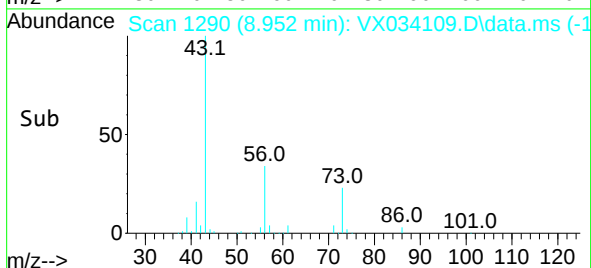
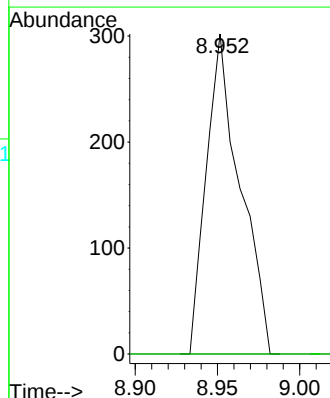
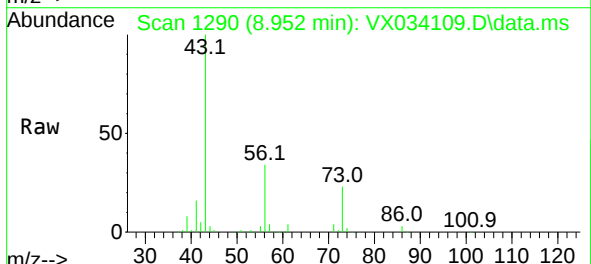
Acq: 10 Feb 2023 13:09

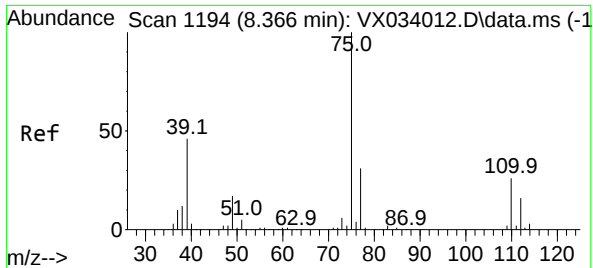
Tgt Ion: 75 Resp: 431

Ion Ratio Lower Upper

75 100

77 0.0 25.5 38.3#

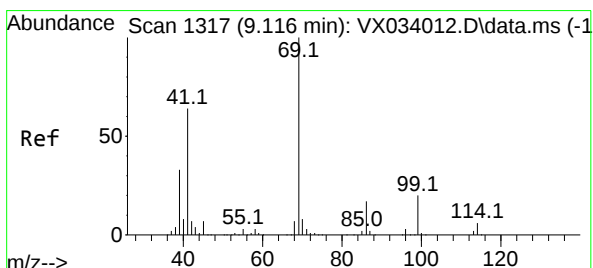
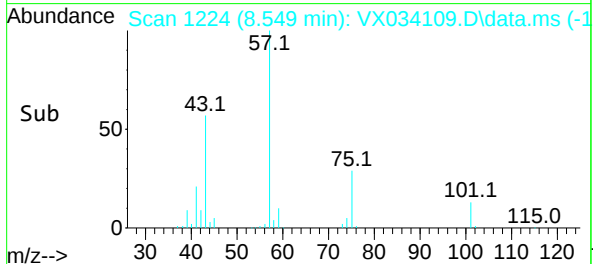
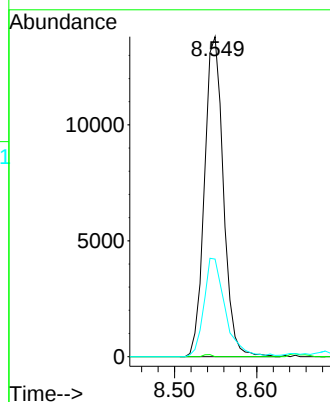
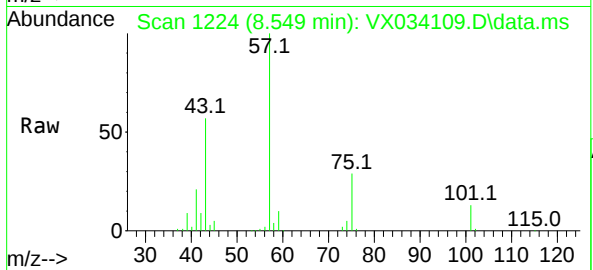




#54
cis-1,3-Dichloropropene
Concen: 13.611 ug/l
RT: 8.549 min Scan# 1194
Delta R.T. 0.183 min
Lab File: VX034109.D
Acq: 10 Feb 2023 13:09

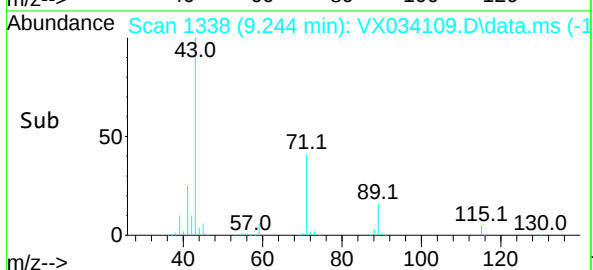
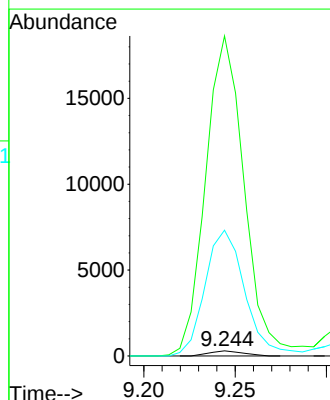
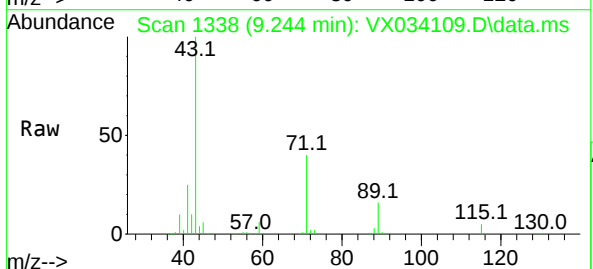
Instrument :
MSVOA_X
ClientSampleId :
JPP-26-020323

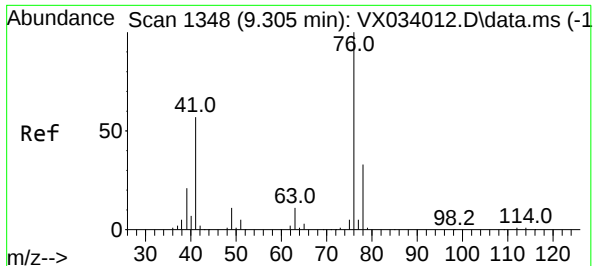
Tgt Ion: 75 Resp: 22021
Ion Ratio Lower Upper
75 100
77 0.0 25.0 37.6#
39 30.5 38.6 58.0#



#56
Ethyl methacrylate
Concen: 0.250 ug/l
RT: 9.244 min Scan# 1338
Delta R.T. 0.128 min
Lab File: VX034109.D
Acq: 10 Feb 2023 13:09

Tgt Ion: 69 Resp: 382
Ion Ratio Lower Upper
69 100
41 7148.7 55.1 82.7#
39 2921.7 28.5 42.7#





#57

1,3-Dichloropropane

Concen: 1.494 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.177 min

Lab File: VX034109.D

Acq: 10 Feb 2023 13:09

Instrument :

MSVOA_X

ClientSampleId :

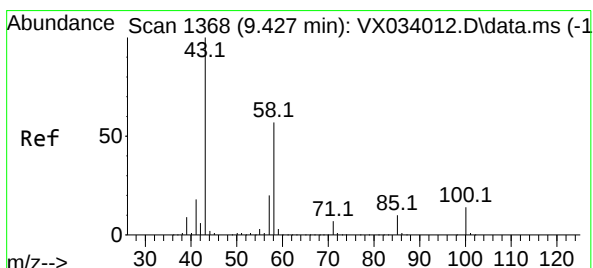
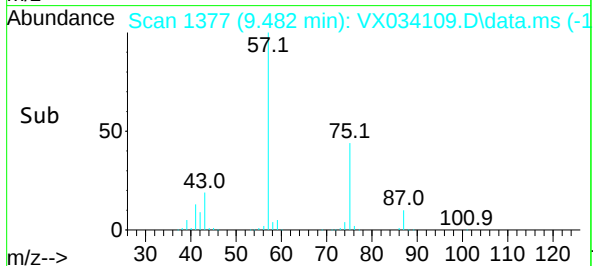
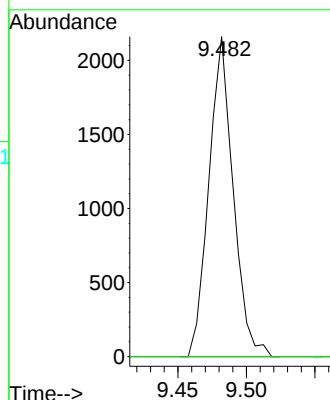
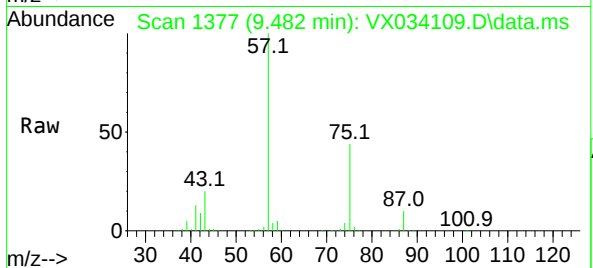
JPP-26-020323

Tgt Ion: 76 Resp: 2667

Ion Ratio Lower Upper

76 100

78 0.0 25.6 38.4#



#59

2-Hexanone

Concen: 61.347 ug/l

RT: 9.372 min Scan# 1359

Delta R.T. -0.055 min

Lab File: VX034109.D

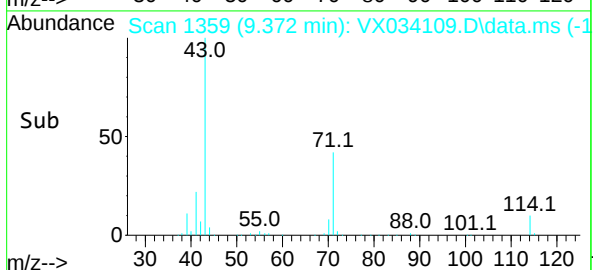
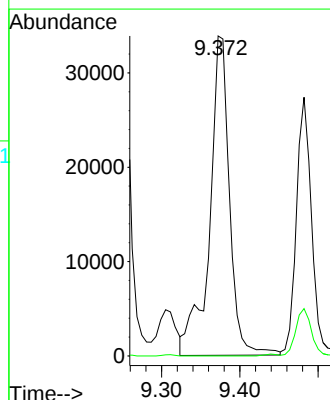
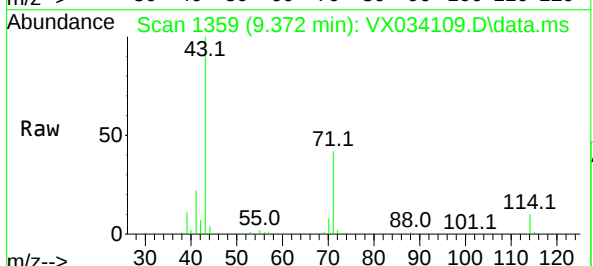
Acq: 10 Feb 2023 13:09

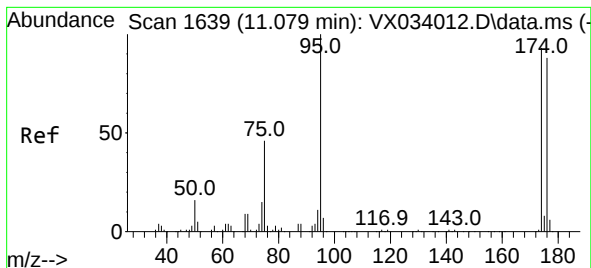
Tgt Ion: 43 Resp: 59675

Ion Ratio Lower Upper

43 100

58 0.0 27.4 82.0#

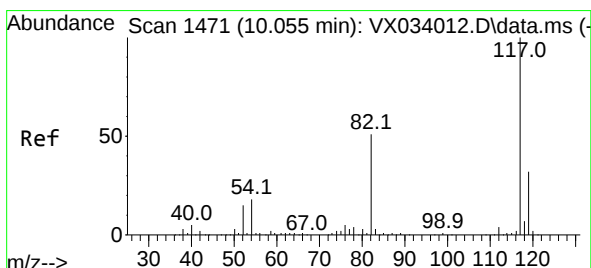
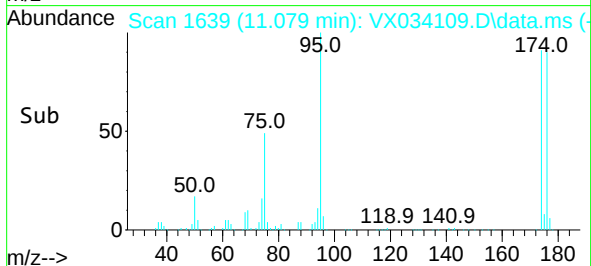
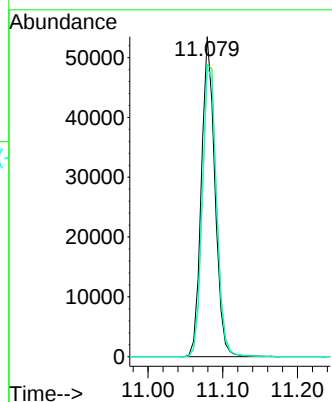
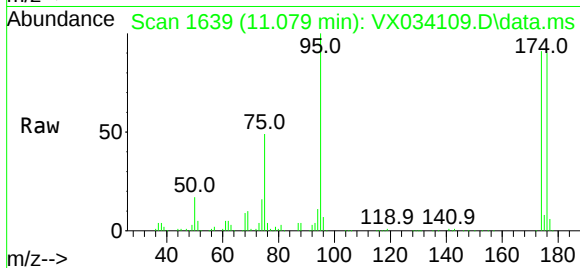




#62
4-Bromofluorobenzene
Concen: 48.949 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034109.D
Acq: 10 Feb 2023 13:09

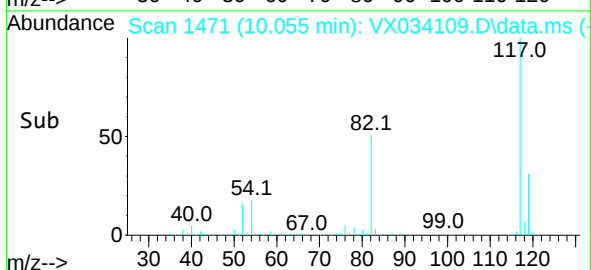
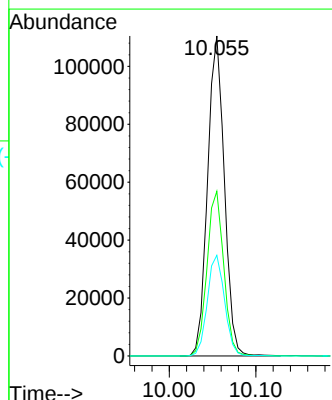
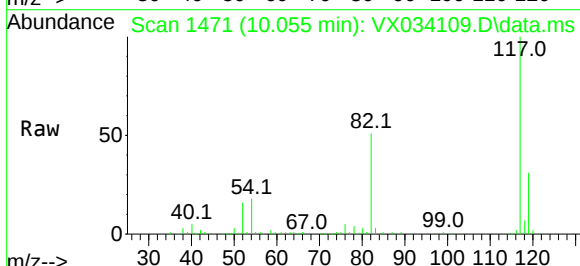
Instrument :
MSVOA_X
ClientSampleId :
JPP-26-020323

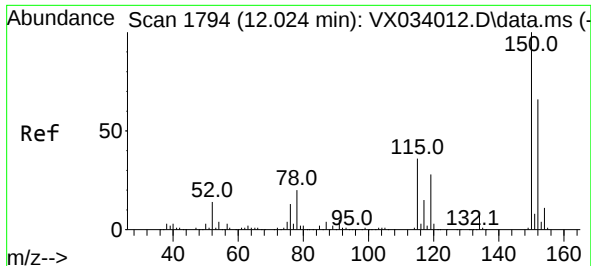
Tgt Ion: 95 Resp: 67011
Ion Ratio Lower Upper
95 100
174 97.4 0.0 184.4
176 95.2 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034109.D
Acq: 10 Feb 2023 13:09

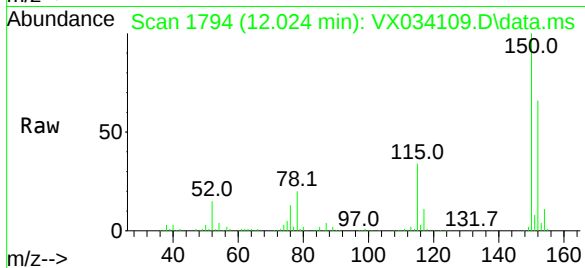
Tgt Ion: 117 Resp: 148565
Ion Ratio Lower Upper
117 100
82 51.5 40.6 60.8
119 31.4 25.6 38.4



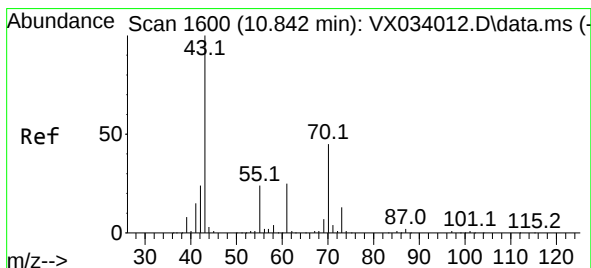
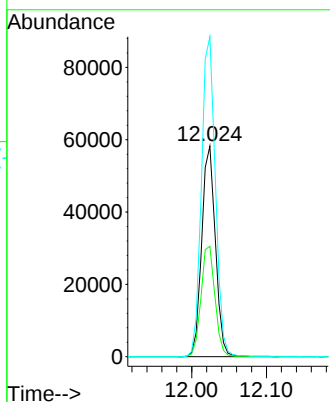
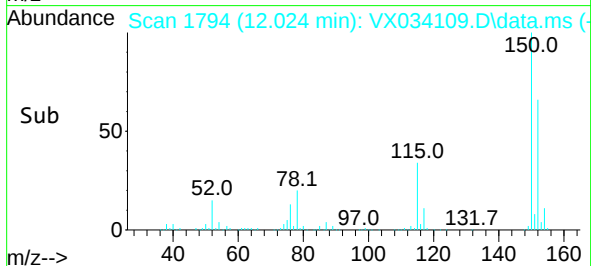


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX034109.D
 Acq: 10 Feb 2023 13:09

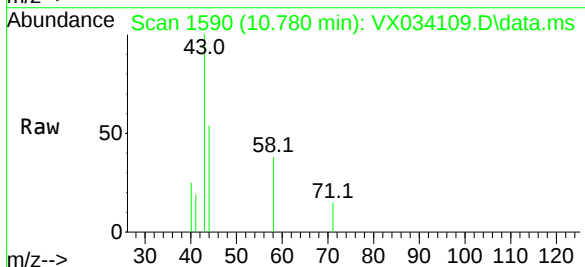
Instrument :
 MSVOA_X
 ClientSampleId :
 JPP-26-020323



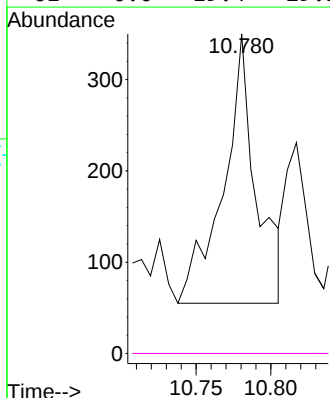
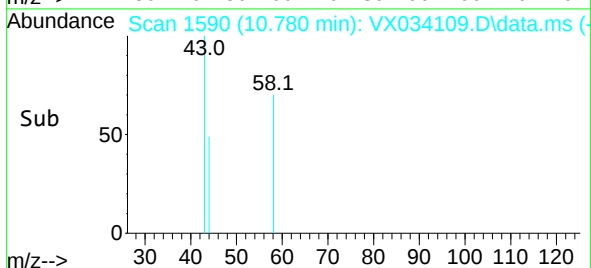
Tgt Ion:152 Resp: 74243
 Ion Ratio Lower Upper
 152 100
 115 53.7 38.7 116.1
 150 154.3 0.0 348.2

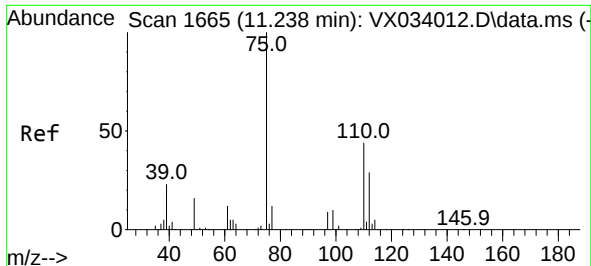


#74
 N-ethyl acetate
 Concen: 0.275 ug/l
 RT: 10.780 min Scan# 1590
 Delta R.T. -0.061 min
 Lab File: VX034109.D
 Acq: 10 Feb 2023 13:09



Tgt Ion: 43 Resp: 450
 Ion Ratio Lower Upper
 43 100
 70 0.0 34.8 52.2#
 55 0.0 19.4 29.0#
 61 0.0 19.4 29.2#

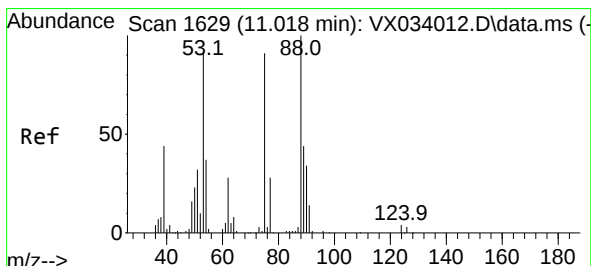
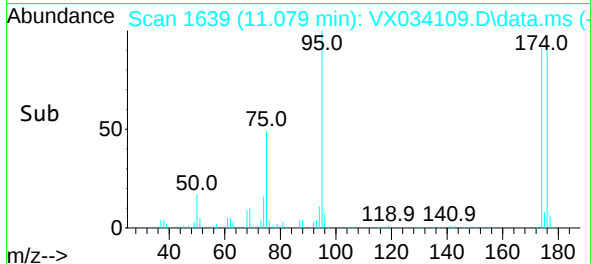
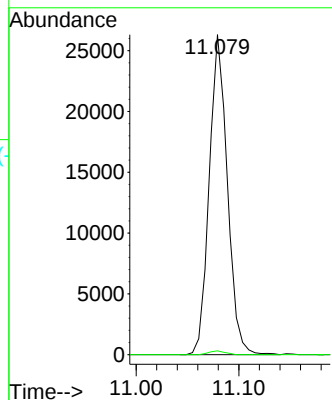
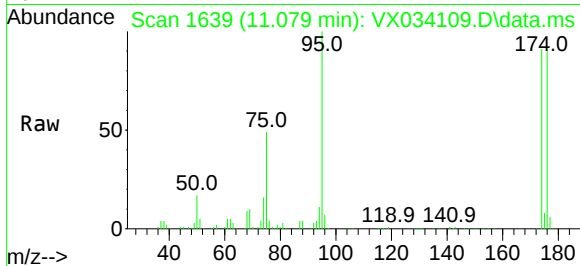




#76
1,2,3-Trichloropropane
Concen: 25.255 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX034109.D
Acq: 10 Feb 2023 13:09

Instrument :
MSVOA_X
ClientSampleId :
JPP-26-020323

Tgt Ion: 75 Resp: 32195
Ion Ratio Lower Upper
75 100
77 1.1 21.8 65.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.776 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX034109.D
Acq: 10 Feb 2023 13:09

Tgt Ion: 75 Resp: 32195
Ion Ratio Lower Upper
75 100
53 0.0 83.0 124.6#
89 0.0 37.7 56.5#

