

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121120\
 Data File : VX019880.D
 Acq On : 11 Dec 2020 17:13
 Operator : JC/MD
 Sample : VX1211WBL03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1211WBL03

Quant Time: Dec 12 00:04:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	328714	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	545828	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	498341	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	224044	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		6.03	65	207649	48.06	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.12%	
35) Dibromofluoromethane		5.46	113	167340	47.44	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	94.88%	
50) Toluene-d8		8.70	98	655370	48.66	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.32%	
62) 4-Bromofluorobenzene		11.12	95	237236	46.28	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	92.56%	

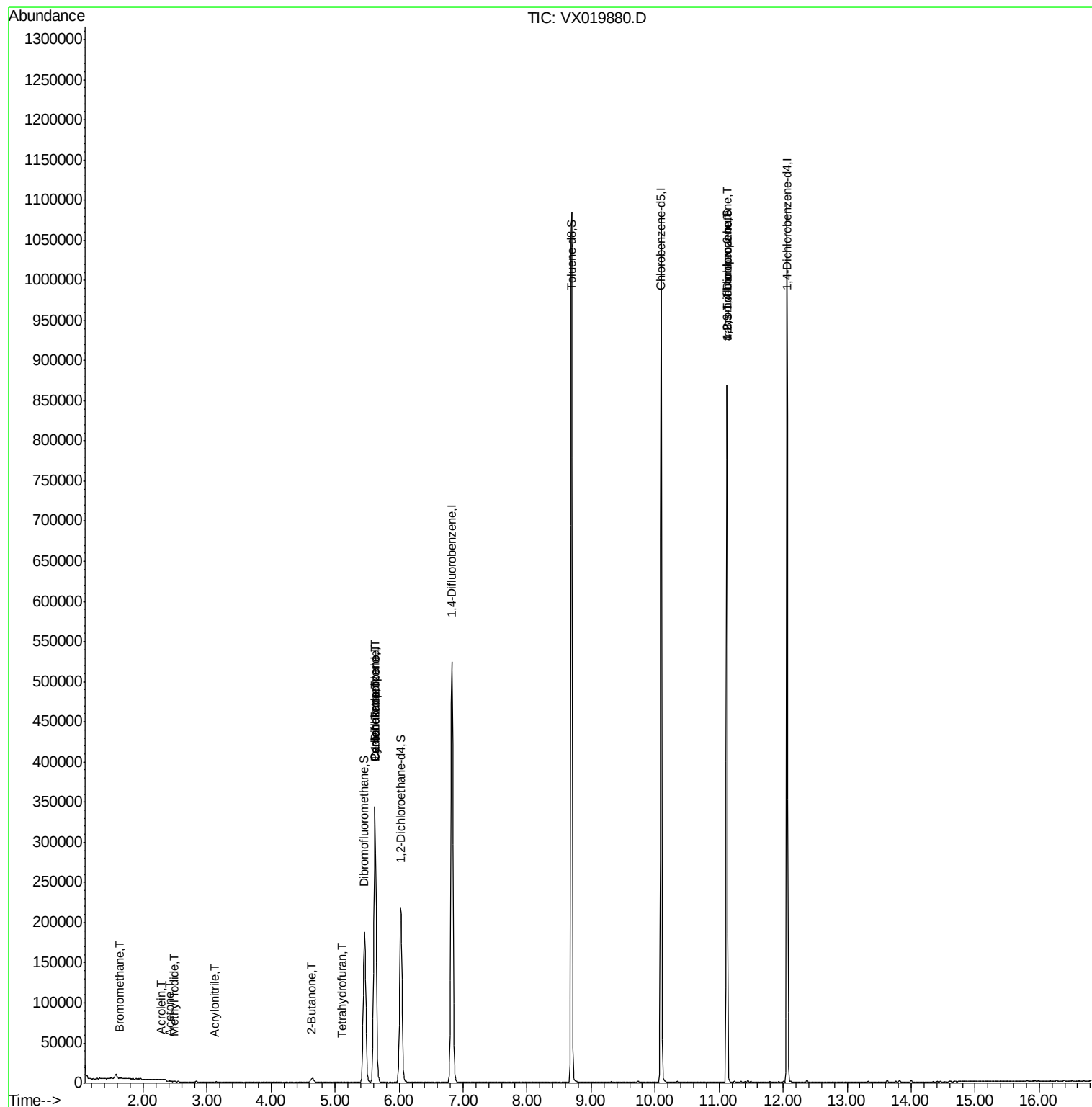
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	775	0.625	ug/l	89
10) Methyl Iodide	2.49	142	1181	0.269	ug/l #	96
11) Tert butyl alcohol	2.99	59	97	Below Cal	#	73
13) Acrolein	2.28	56	354	0.742	ug/l #	78
15) Acrylonitrile	3.12	53	514	0.263	ug/l #	87
16) Acetone	2.42	43	938	0.578	ug/l	93
20) Methylene Chloride	2.83	84	758	Below Cal	#	74
25) 2-Butanone	4.63	43	656	0.263	ug/l #	45
29) Tetrahydrofuran	5.11	42	391	0.243	ug/l #	36
31) Cyclohexane	5.62	56	6363	1.184	ug/l #	1
36) 1,1-Dichloropropene	5.62	75	24900	5.048	ug/l #	48
38) Carbon Tetrachloride	5.63	117	31985	6.622	ug/l #	16
76) 1,2,3-Trichloropropane	11.12	75	113805	22.648	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.12	75	113805	65.472	ug/l #	12

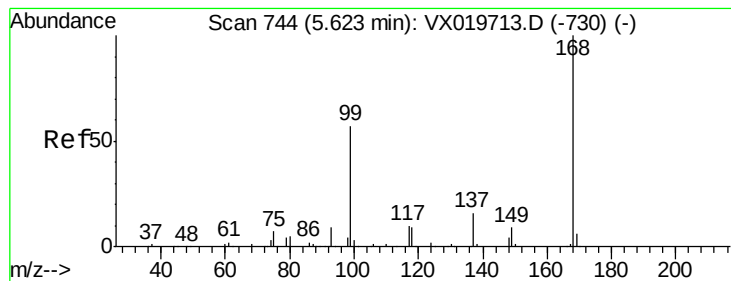
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampled :
VX1211WBL03

Quant Time: Dec 12 00:04:35 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 04 15:32:53 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.00 min

Lab File: VX019880.D

Acq: 11 Dec 2020 17:13

Instrument :

MSVOA_X

ClientSampleId :

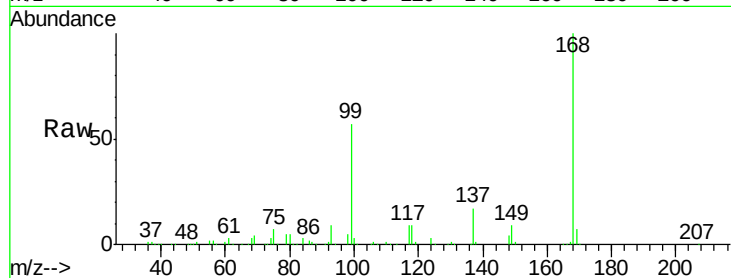
VX1211WBL03

Tgt Ion:168 Resp: 328714

Ion Ratio Lower Upper

168 100

99 56.9 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

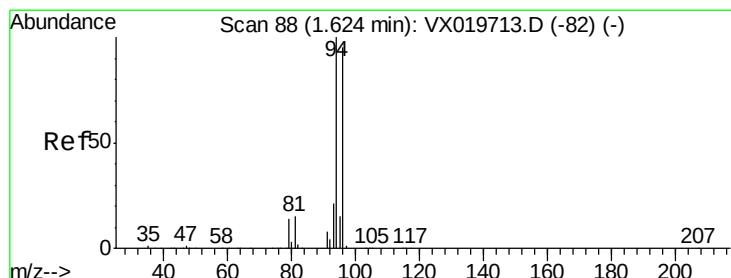
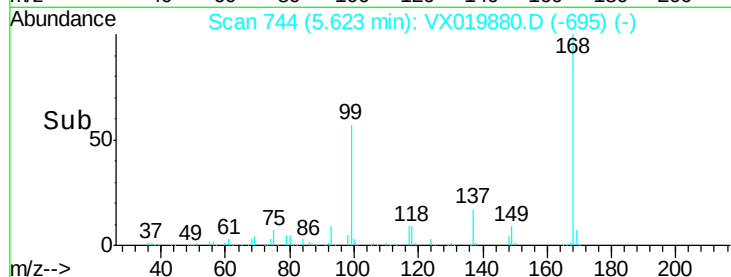
5.62

100000

50000

0

Time-->



#5

Bromomethane

Concen: 0.625 ug/l

RT: 1.64 min Scan# 91

Delta R.T. 0.02 min

Lab File: VX019880.D

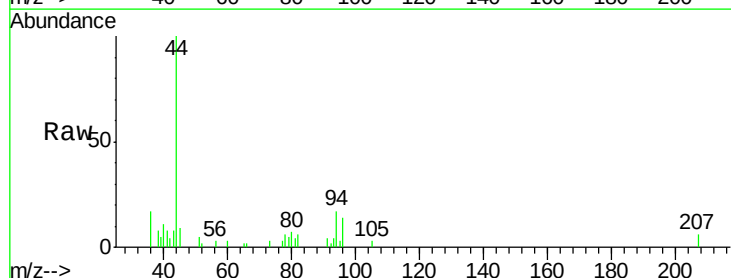
Acq: 11 Dec 2020 17:13

Tgt Ion: 94 Resp: 775

Ion Ratio Lower Upper

94 100

96 85.2 76.4 114.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

500

400

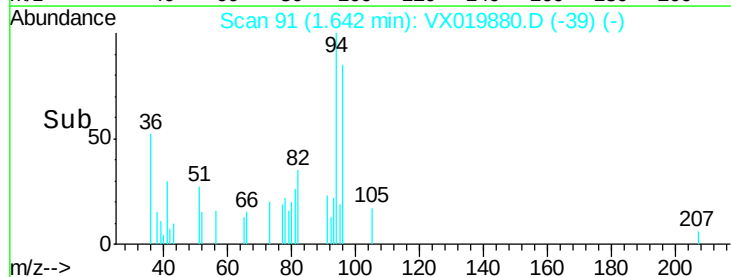
300

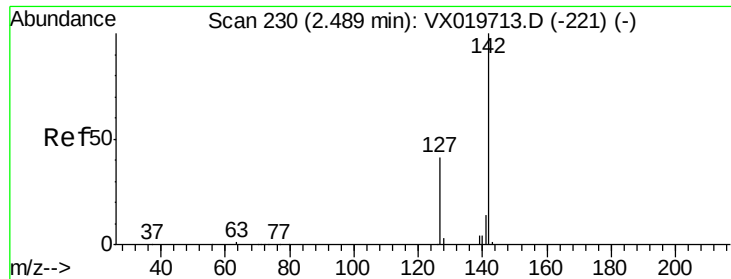
200

100

0

Time-->

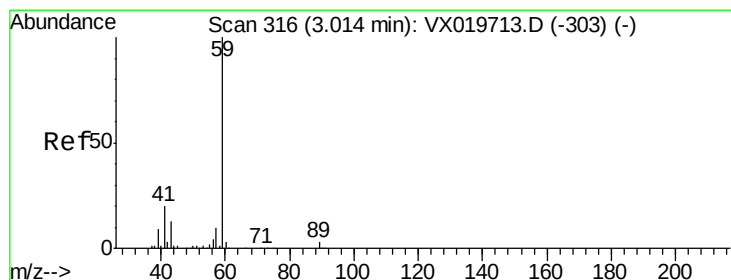
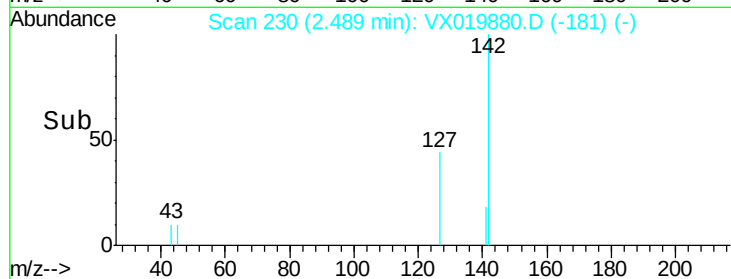
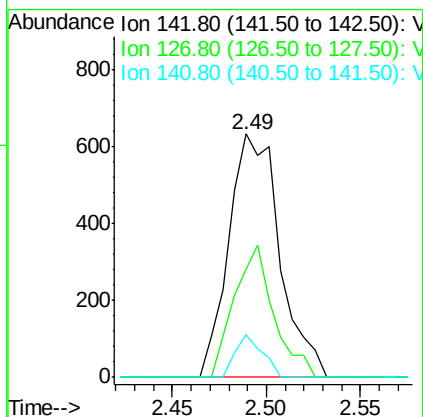
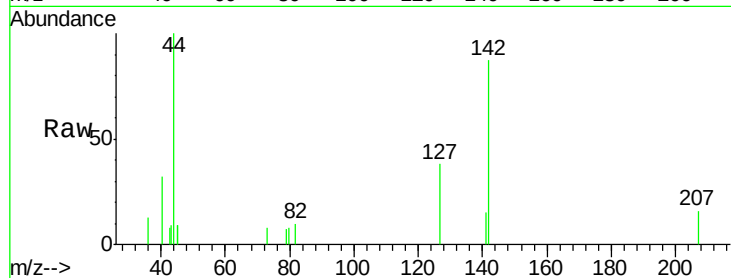




#10
Methyl Iodide
Concen: 0.269 ug/l
RT: 2.49 min Scan# 230
Delta R.T. -0.00 min
Lab File: VX019880.D
Acq: 11 Dec 2020 17:13

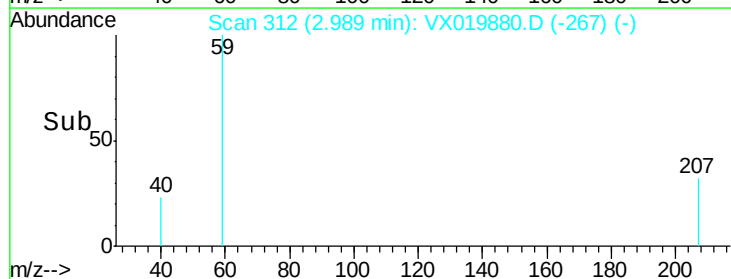
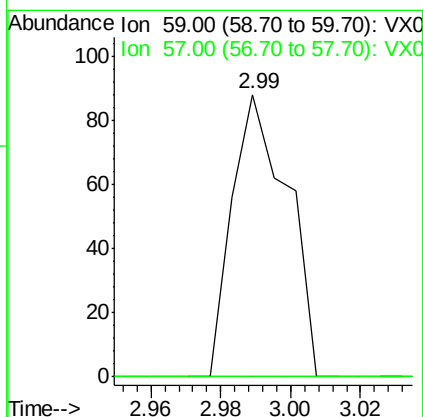
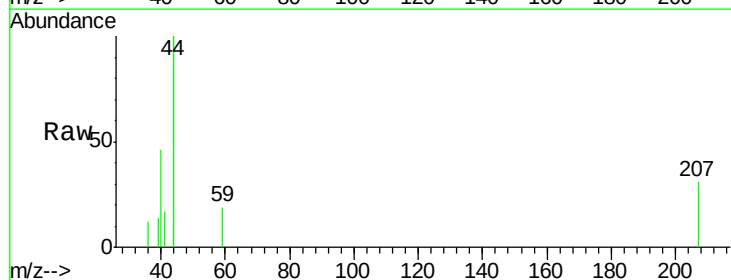
Instrument :
MSVOA_X
ClientSampleId :
VX1211WBL03

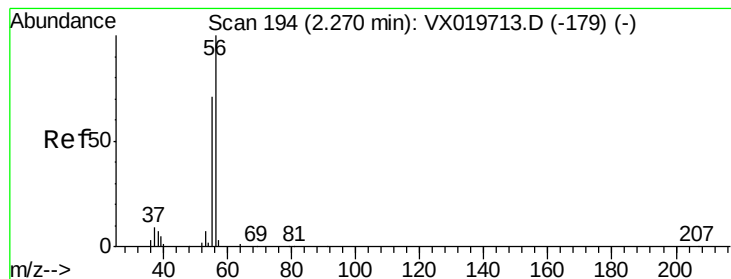
Tgt Ion: 142 Resp: 1181
Ion Ratio Lower Upper
142 100
127 42.1 33.3 49.9
141 9.3 11.4 17.0#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.99 min Scan# 312
Delta R.T. -0.02 min
Lab File: VX019880.D
Acq: 11 Dec 2020 17:13

Tgt Ion: 59 Resp: 97
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#





#13

Acrolein

Concen: 0.742 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.01 min

Lab File: VX019880.D

Acq: 11 Dec 2020 17:13

Instrument :

MSVOA_X

ClientSampleId :

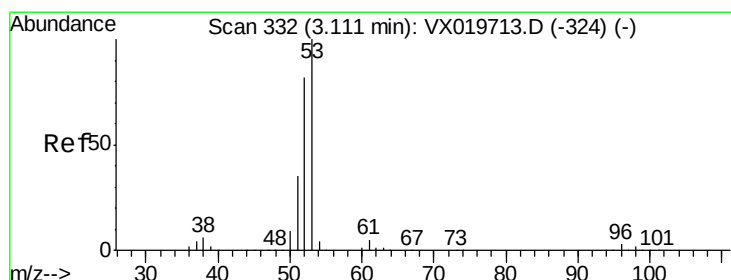
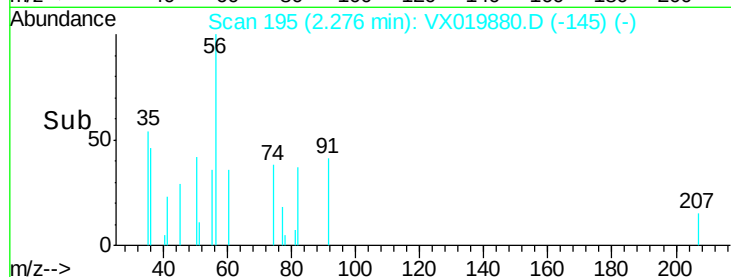
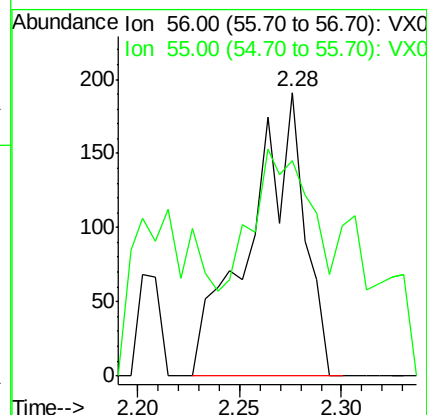
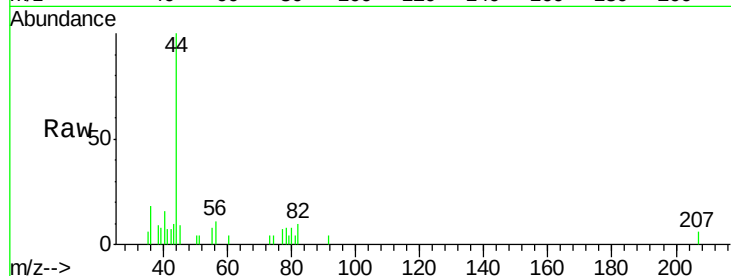
VX1211WBL03

Tgt Ion: 56 Resp: 354

Ion Ratio Lower Upper

56 100

55 52.0 56.4 84.6#



#15

Acrylonitrile

Concen: 0.263 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.01 min

Lab File: VX019880.D

Acq: 11 Dec 2020 17:13

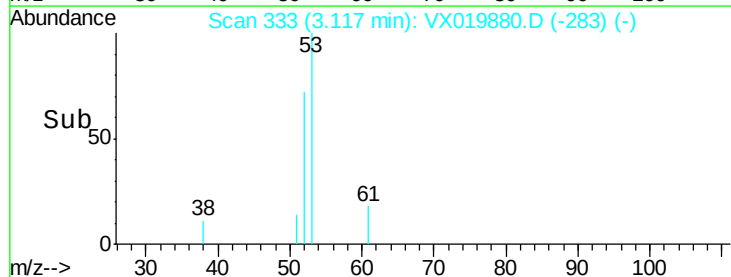
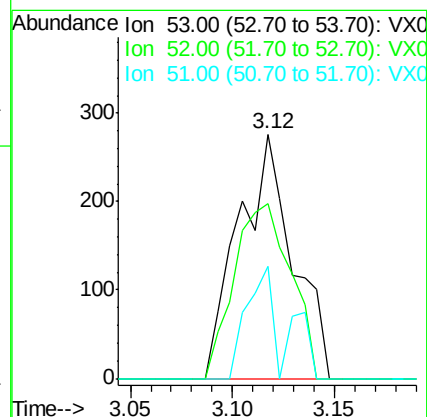
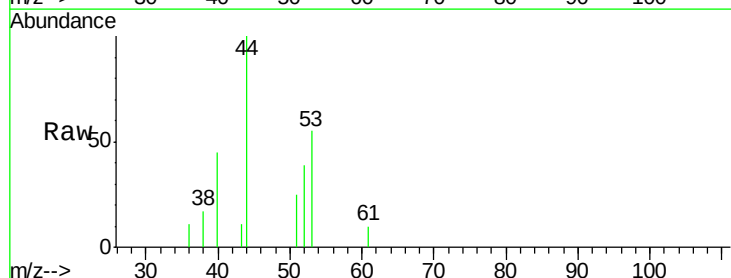
Tgt Ion: 53 Resp: 514

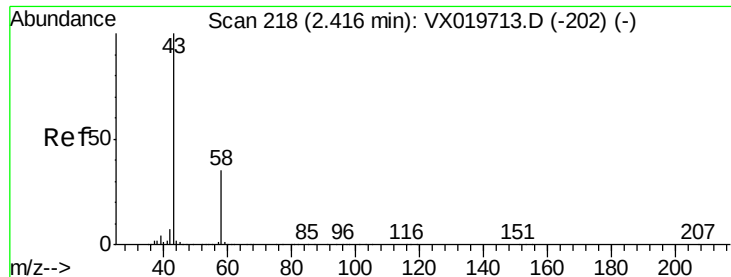
Ion Ratio Lower Upper

53 100

52 74.3 65.3 97.9

51 21.2 28.2 42.2#





#16

Acetone

Concen: 0.578 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX019880.D

Acq: 11 Dec 2020 17:13

Instrument :

MSVOA_X

ClientSampleId :

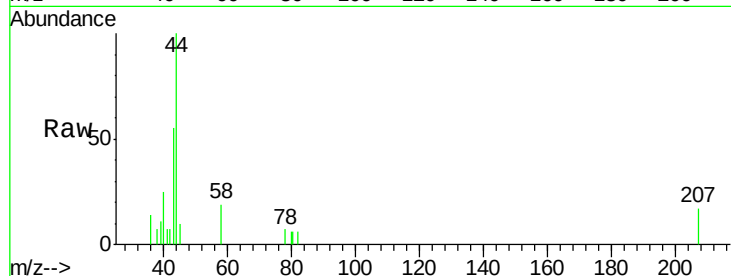
VX1211WBL03

Tgt Ion: 43 Resp: 938

Ion Ratio Lower Upper

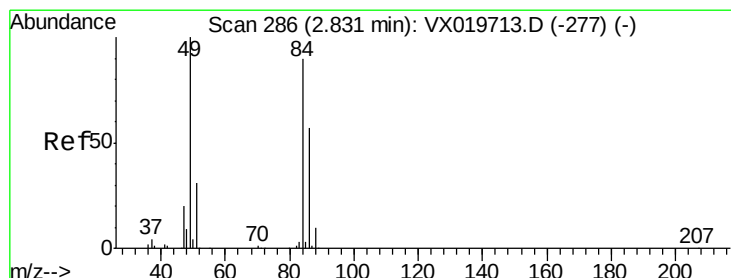
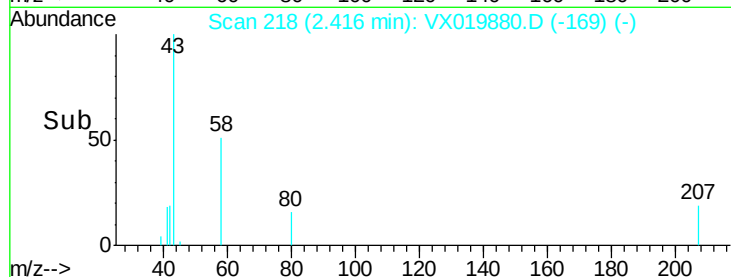
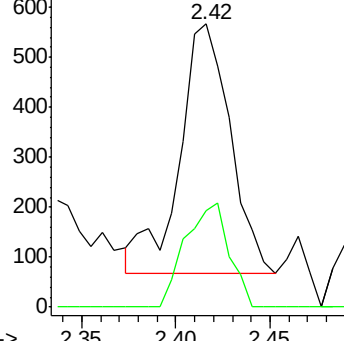
43 100

58 38.6 27.8 41.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#20

Methylene Chloride

Concen: Below Cal

RT: 2.83 min Scan# 286

Delta R.T. 0.00 min

Lab File: VX019880.D

Acq: 11 Dec 2020 17:13

Tgt Ion: 84 Resp: 758

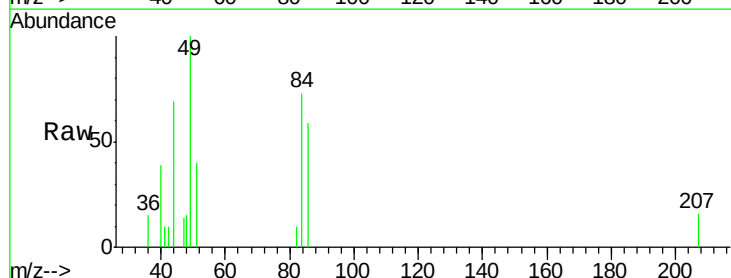
Ion Ratio Lower Upper

84 100

49 136.6 88.6 132.8#

51 55.0 27.0 40.6#

86 80.9 50.3 75.5#

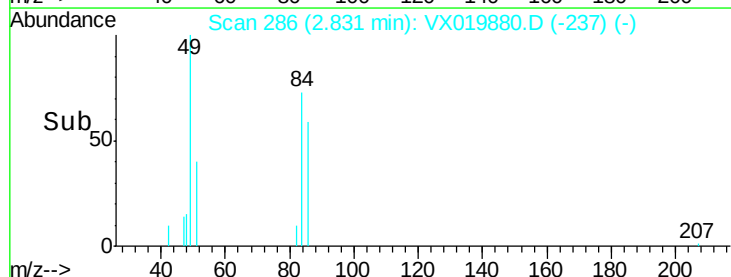
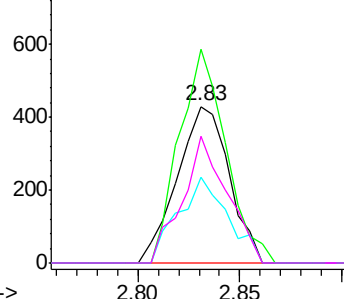


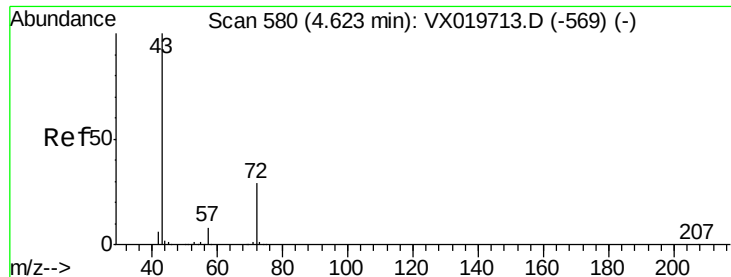
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

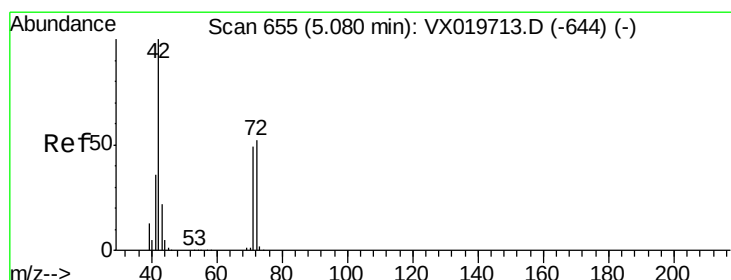
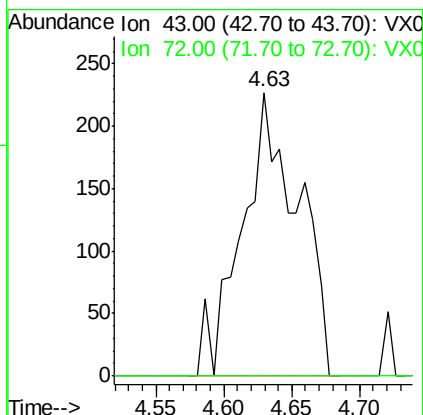
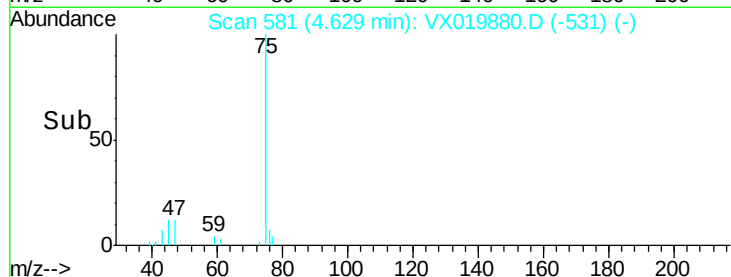
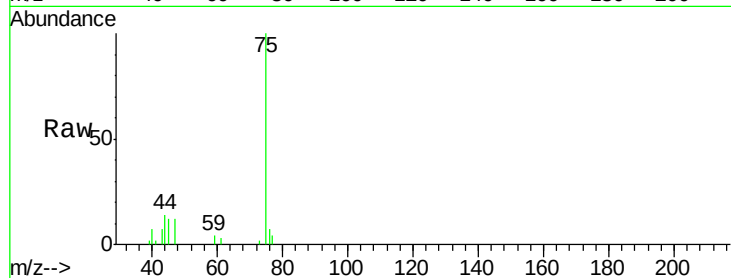




#25
2-Butanone
Concen: 0.263 ug/l
RT: 4.63 min Scan# 581
Delta R.T. 0.01 min
Lab File: VX019880.D
Acq: 11 Dec 2020 17:13

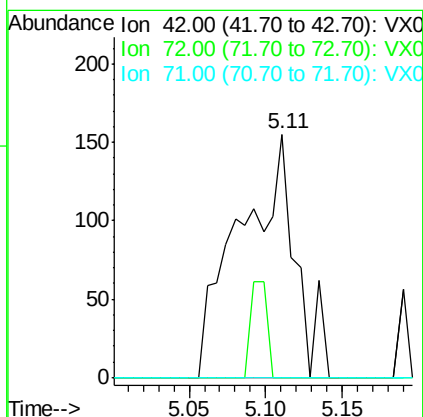
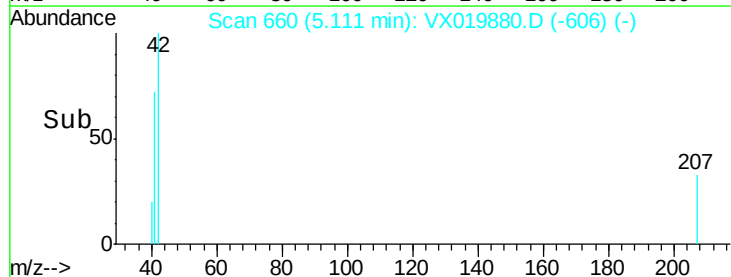
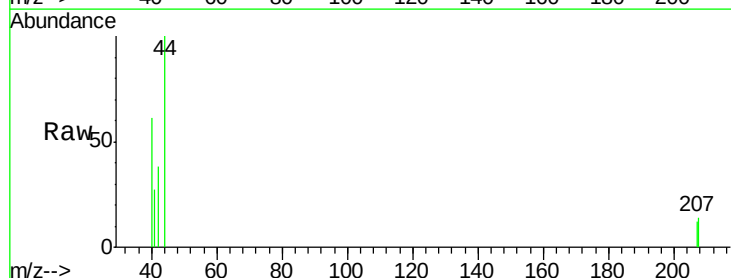
Instrument :
MSVOA_X
ClientSampleId :
VX1211WBL03

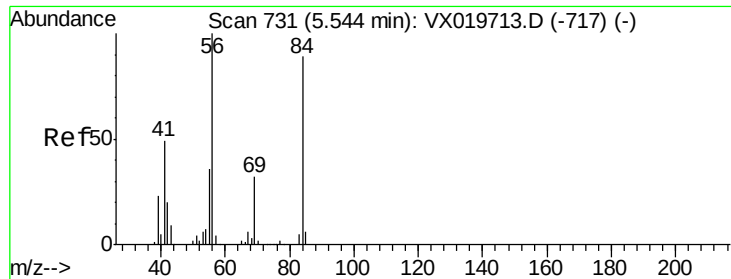
Tgt Ion: 43 Resp: 656
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#29
Tetrahydrofuran
Concen: 0.243 ug/l
RT: 5.11 min Scan# 660
Delta R.T. 0.03 min
Lab File: VX019880.D
Acq: 11 Dec 2020 17:13

Tgt Ion: 42 Resp: 391
Ion Ratio Lower Upper
42 100
72 11.5 41.7 62.5#
71 0.0 38.4 57.6#

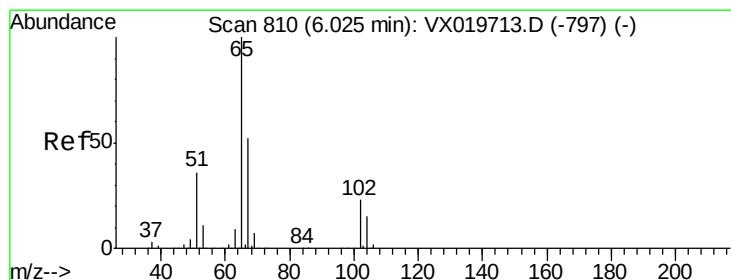
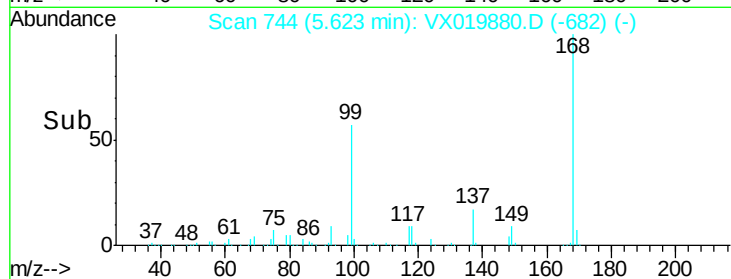
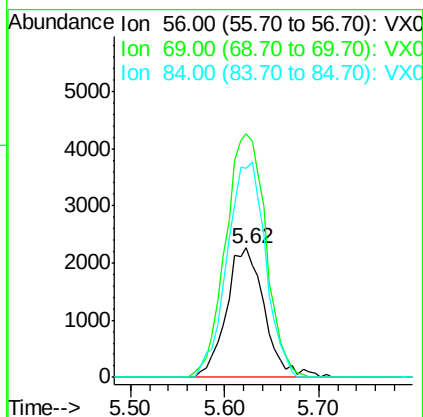
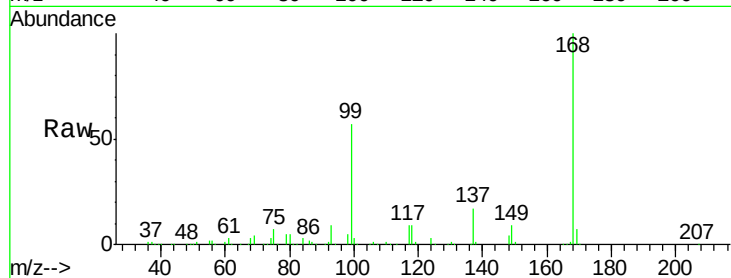




#31
Cyclohexane
Concen: 1.184 ug/l
RT: 5.62 min Scan# 744
Delta R.T. 0.08 min
Lab File: VX019880.D
Acq: 11 Dec 2020 17:13

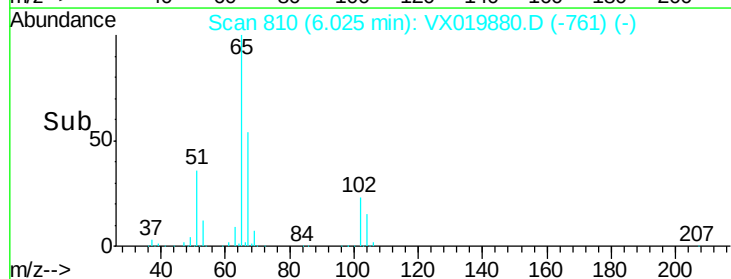
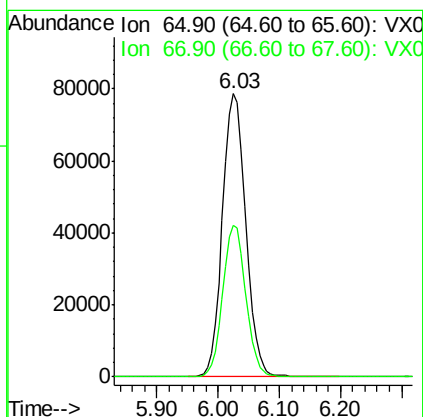
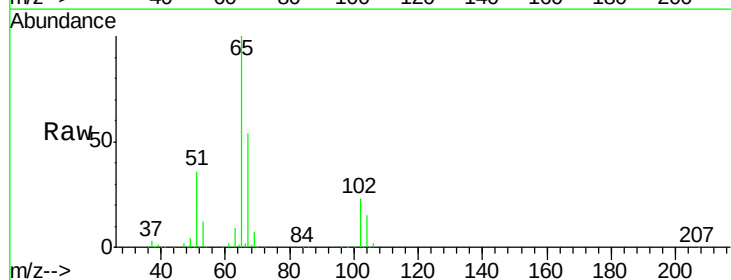
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MSVOA_X
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VX1211WBL03

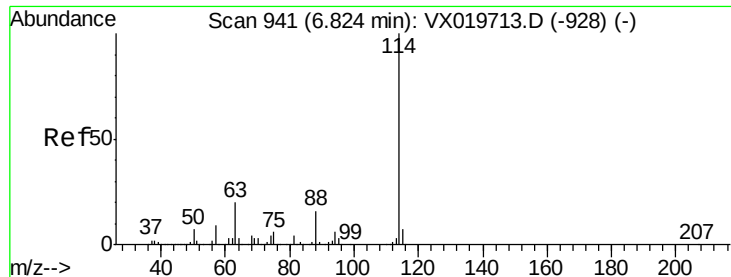
Tgt Ion: 56 Resp: 6363
Ion Ratio Lower Upper
56 100
69 187.9 25.3 37.9#
84 161.0 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 48.064 ug/l
RT: 6.03 min Scan# 810
Delta R.T. -0.00 min
Lab File: VX019880.D
Acq: 11 Dec 2020 17:13

Tgt Ion: 65 Resp: 207649
Ion Ratio Lower Upper
65 100
67 53.0 0.0 105.4

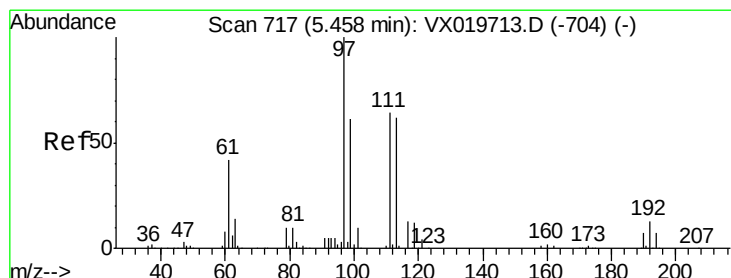
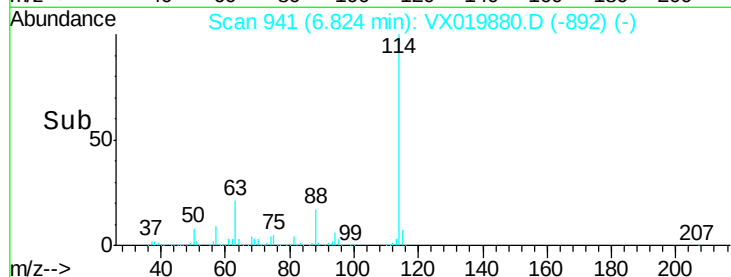
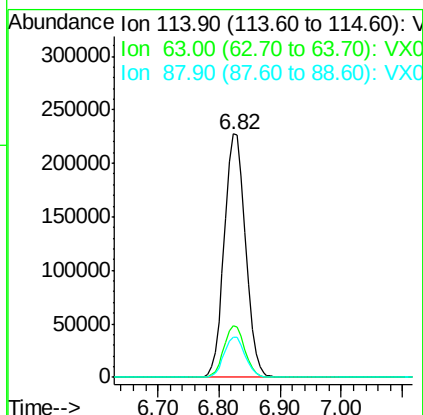
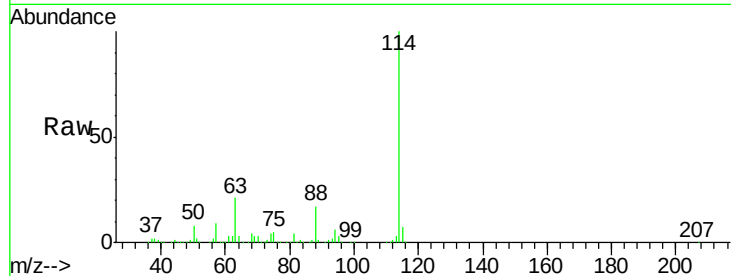




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.82 min Scan# 941
 Delta R.T. -0.00 min
 Lab File: VX019880.D
 Acq: 11 Dec 2020 17:13

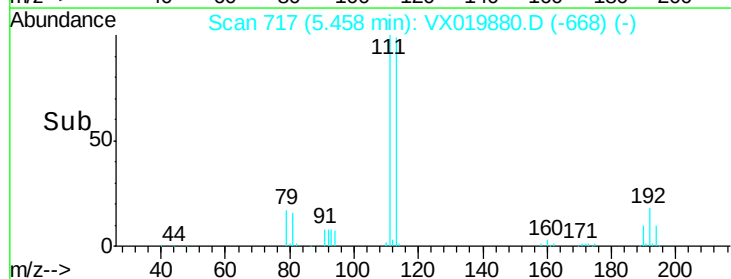
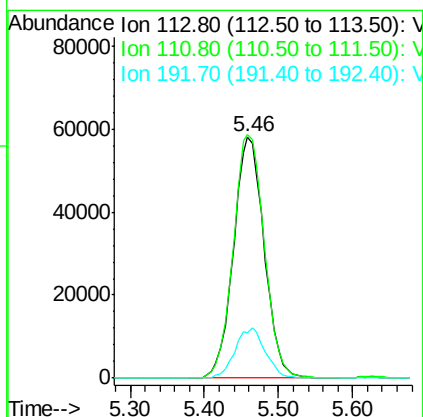
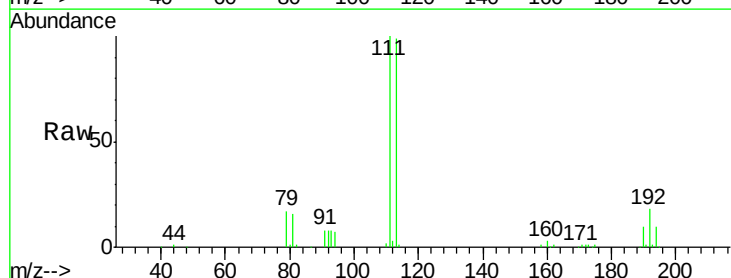
Instrument :
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 ClientSampleId :
 VX1211WBL03

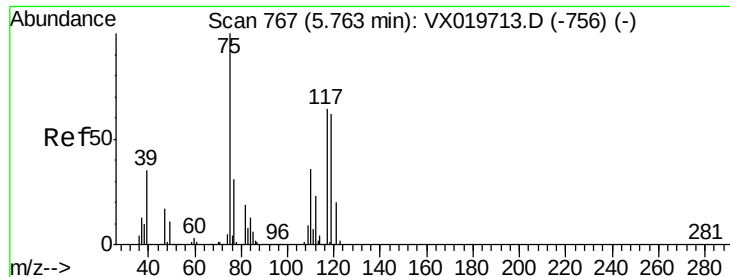
Tgt Ion:114 Resp: 545828
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 40.8
 88 16.6 0.0 32.8



#35
 Dibromofluoromethane
 Concen: 47.437 ug/l
 RT: 5.46 min Scan# 717
 Delta R.T. -0.00 min
 Lab File: VX019880.D
 Acq: 11 Dec 2020 17:13

Tgt Ion:113 Resp: 167340
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.9 122.9
 192 20.5 16.7 25.1

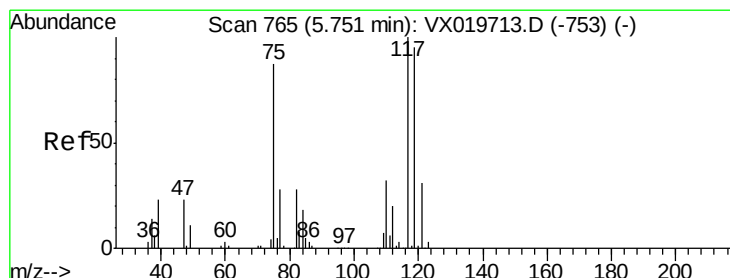
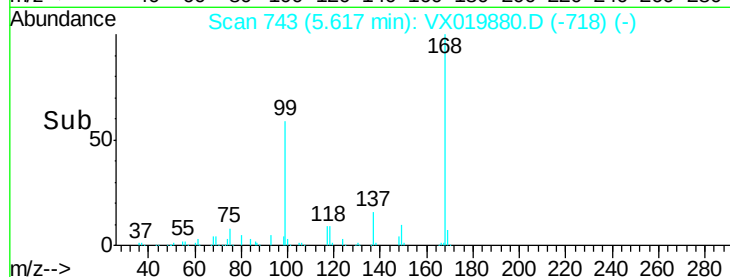
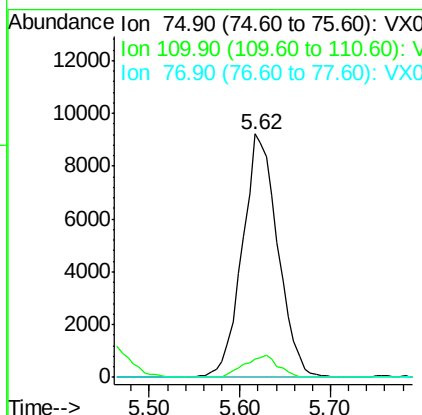
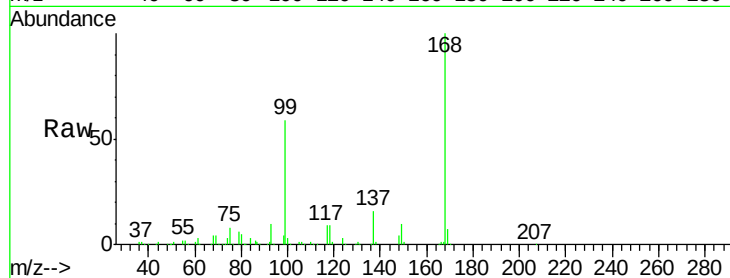




#36
 1,1-Dichloropropene
 Concen: 5.048 ug/l
 RT: 5.62 min Scan# 743
 Delta R.T. -0.15 min
 Lab File: VX019880.D
 Acq: 11 Dec 2020 17:13

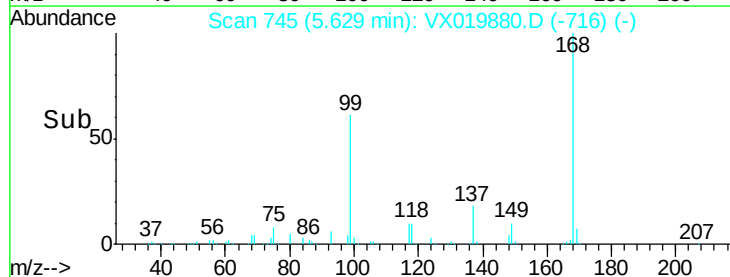
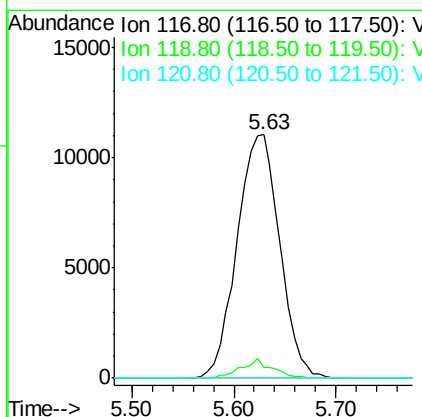
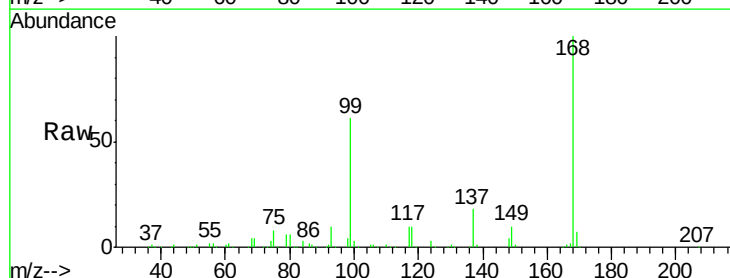
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1211WBL03

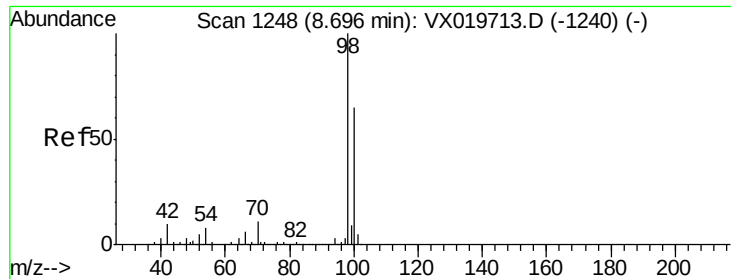
Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.4	18.1	54.4#
77	0.0	25.3	37.9#



#38
 Carbon Tetrachloride
 Concen: 6.622 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.12 min
 Lab File: VX019880.D
 Acq: 11 Dec 2020 17:13

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.3	76.2	114.2#
121	0.0	24.8	37.2#





#50

Toluene-d8

Concen: 48.663 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019880.D

Acq: 11 Dec 2020 17:13

Instrument :

MSVOA_X

ClientSampleId :

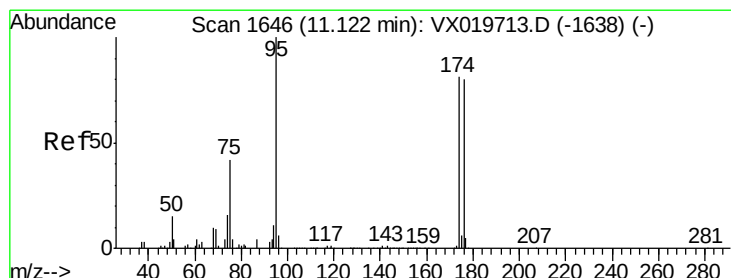
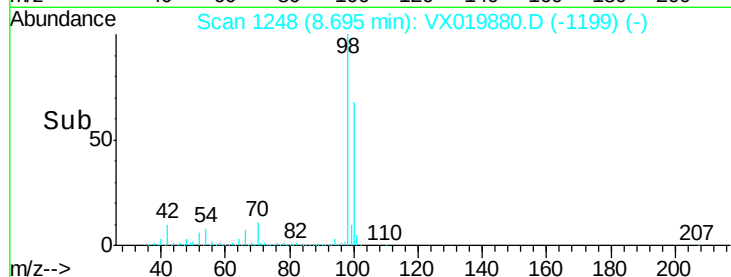
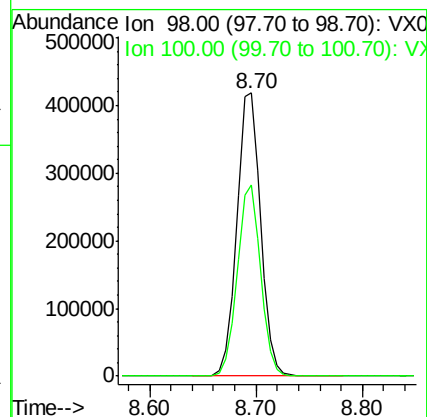
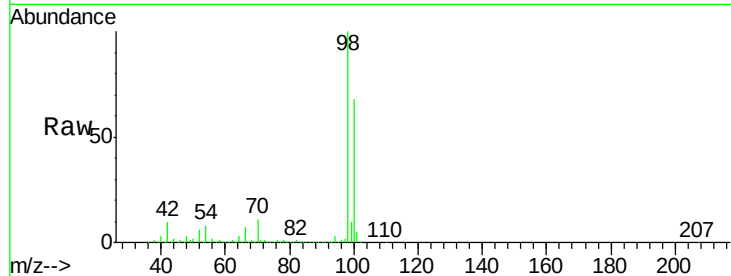
VX1211WBL03

Tgt Ion: 98 Resp: 655370

Ion Ratio Lower Upper

98 100

100 66.3 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 46.282 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019880.D

Acq: 11 Dec 2020 17:13

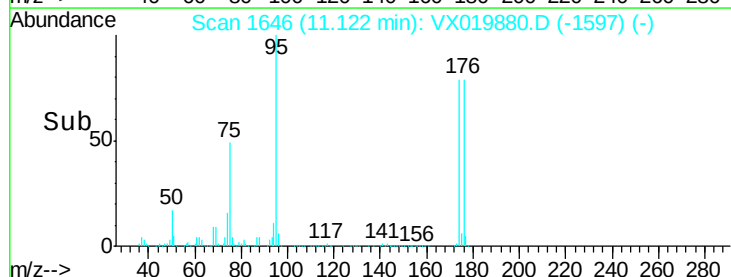
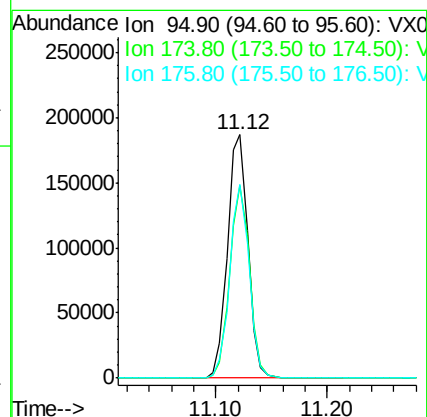
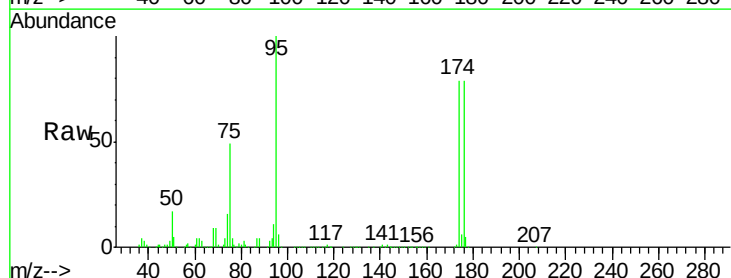
Tgt Ion: 95 Resp: 237236

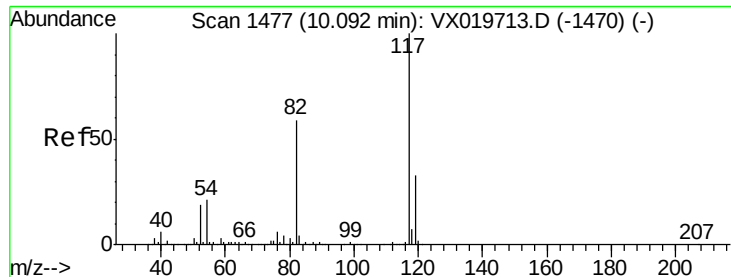
Ion Ratio Lower Upper

95 100

174 76.9 0.0 154.6

176 75.9 0.0 155.8

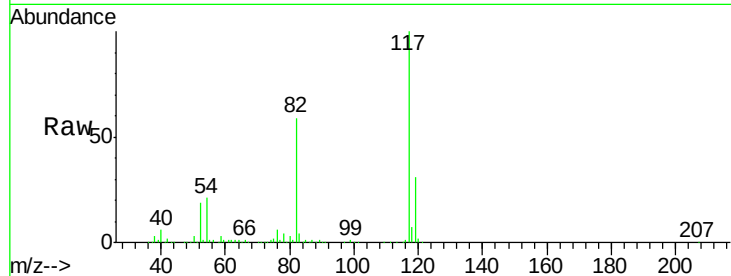




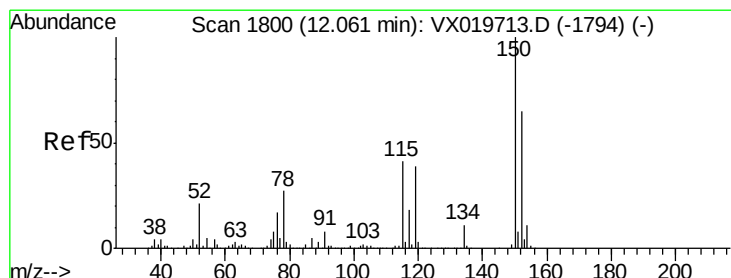
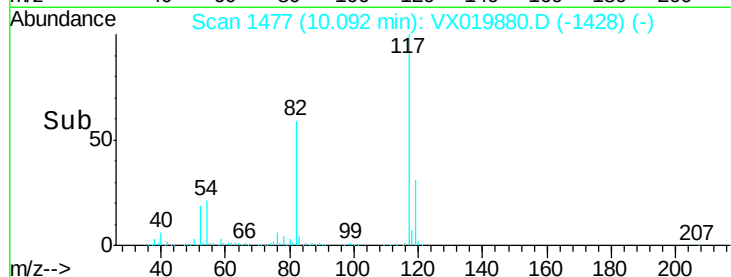
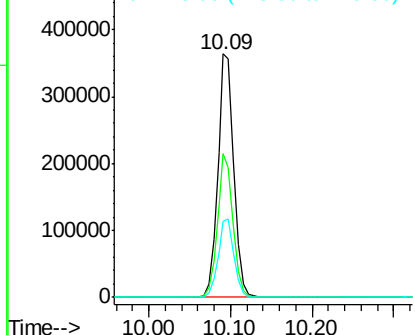
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX019880.D
Acq: 11 Dec 2020 17:13

Instrument :
MSVOA_X
ClientSampleId :
VX1211WBL03

Tgt Ion:117 Resp: 498341
Ion Ratio Lower Upper
117 100
82 58.8 47.4 71.2
119 31.1 26.6 39.8

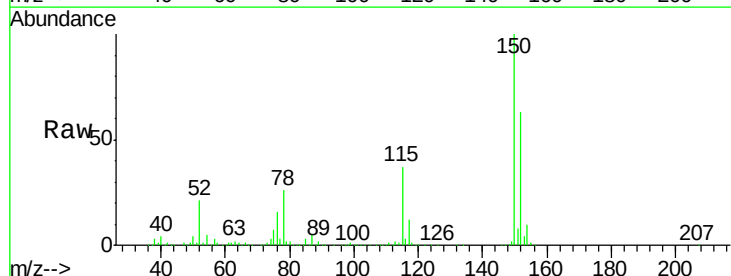


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

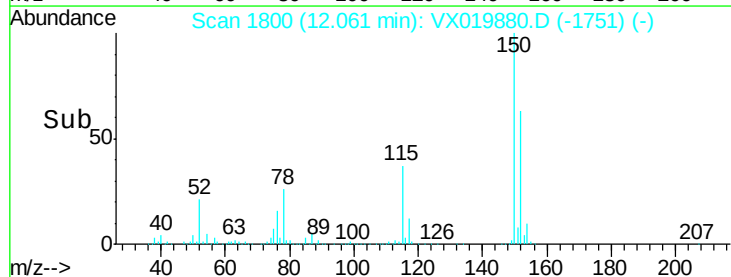
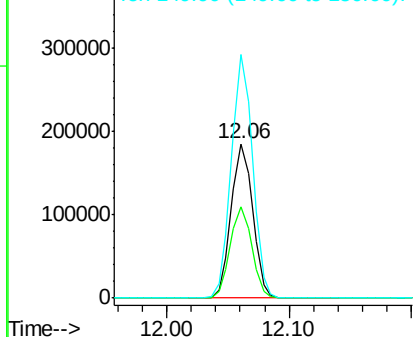


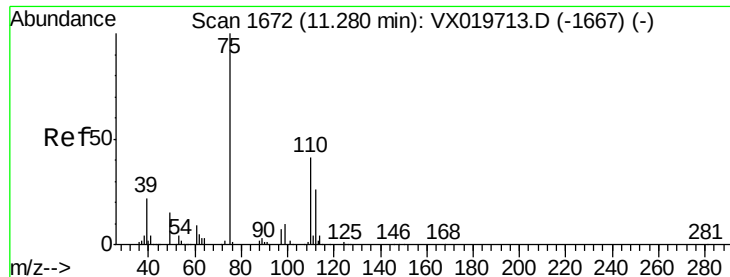
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX019880.D
Acq: 11 Dec 2020 17:13

Tgt Ion:152 Resp: 224044
Ion Ratio Lower Upper
152 100
115 59.1 41.1 123.3
150 155.7 0.0 349.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 22.648 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX019880.D

Acq: 11 Dec 2020 17:13

Instrument :

MSVOA_X

ClientSampled :

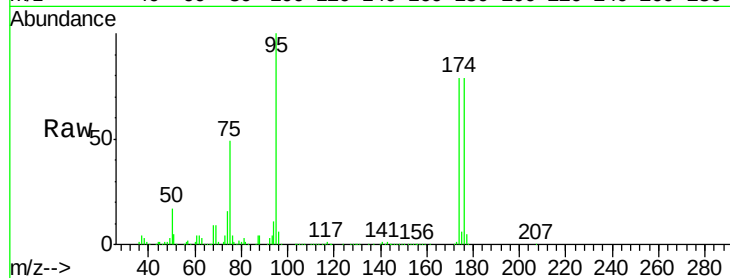
VX1211WBL03

Tgt Ion: 75 Resp: 113805

Ion Ratio Lower Upper

75 100

77 1.3 19.1 57.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

11.12

100000

80000

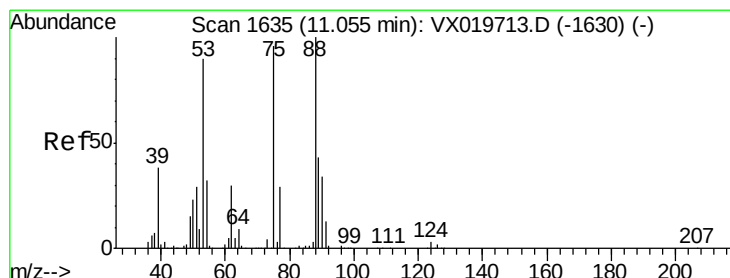
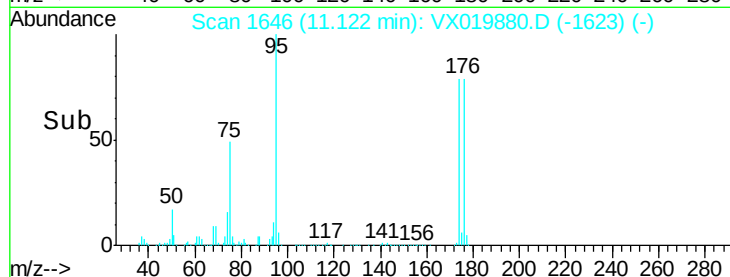
60000

40000

20000

0

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 65.472 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.07 min

Lab File: VX019880.D

Acq: 11 Dec 2020 17:13

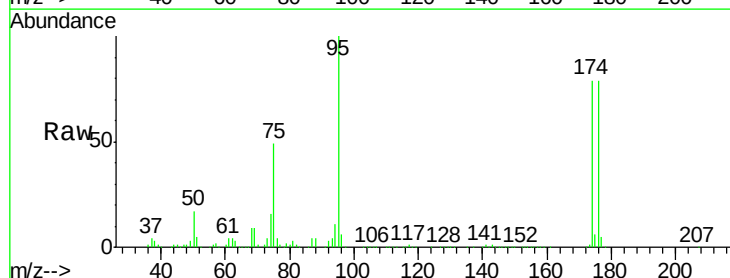
Tgt Ion: 75 Resp: 113805

Ion Ratio Lower Upper

75 100

53 0.0 74.5 111.7#

89 0.0 37.9 56.9#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

11.12

120000

100000

80000

60000

40000

20000

0

Time-->

