

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110620\
 Data File : VX019301.D
 Acq On : 05 Nov 2020 10:15
 Operator : JC/MD
 Sample : VX1106WBL02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1106WBL02

Quant Time: Nov 06 01:06:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 13:55:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	310273	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	543284	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	499451	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	238093	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	214578	53.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.26%	
35) Dibromofluoromethane	5.46	113	172414	50.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.04%	
50) Toluene-d8	8.70	98	661855	51.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.90%	
62) 4-Bromofluorobenzene	11.12	95	240986	49.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.94%	

Target Compounds

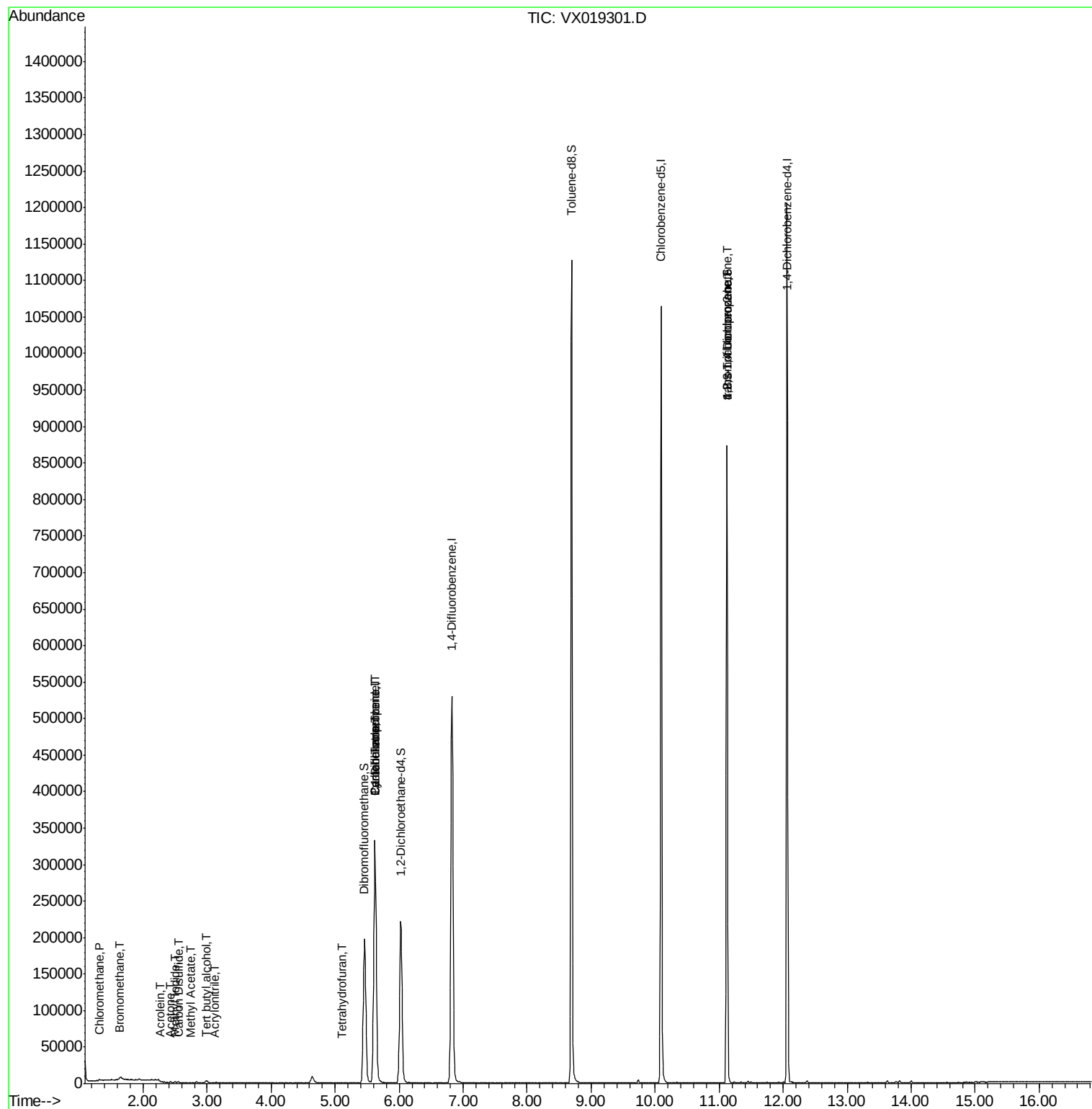
						Qvalue
3) Chloromethane	1.31	50	760	0.263	ug/l	98
5) Bromomethane	1.64	94	1275	0.557	ug/l	98
10) Methyl Iodide	2.50	142	1789	6.832	ug/l	99
11) Tert butyl alcohol	2.99	59	1961	2.481	ug/l #	72
13) Acrolein	2.27	56	261	6.370	ug/l	96
15) Acrylonitrile	3.11	53	521	0.314	ug/l	98
16) Acetone	2.43	43	916	0.664	ug/l	95
17) Carbon Disulfide	2.55	76	1706	0.956	ug/l #	84
18) Methyl Acetate	2.75	43	679	0.202	ug/l #	47
29) Tetrahydrofuran	5.10	42	340	0.248	ug/l #	26
31) Cyclohexane	5.62	56	6805	1.345	ug/l #	1
36) 1,1-Dichloropropene	5.62	75	26729	5.328	ug/l #	49
38) Carbon Tetrachloride	5.62	117	32209	6.299	ug/l #	17
76) 1,2,3-Trichloropropane	11.12	75	123892	25.201	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.12	75	123892	66.355	ug/l #	12

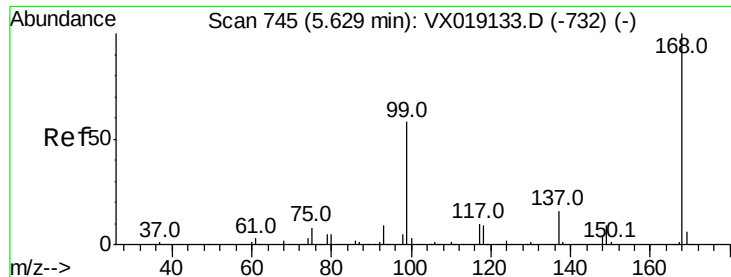
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampled :
VX1106WBL02

Quant Time: Nov 06 01:06:29 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 27 13:55:07 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX019301.D

Acq: 05 Nov 2020 10:15

Instrument :

MSVOA_X

ClientSampleId :

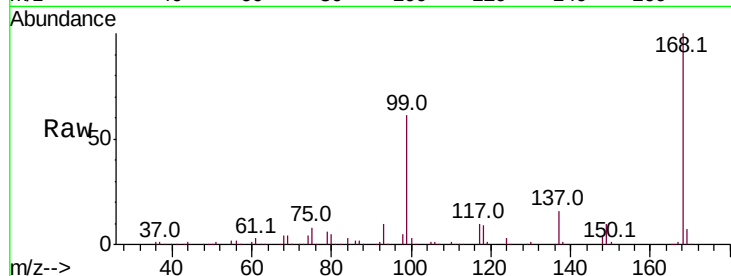
VX1106WBL02

Tot Ion:168 Resp: 310273

Ion Ratio Lower Upper

168 100

99 61.4 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

120000

100000

80000

60000

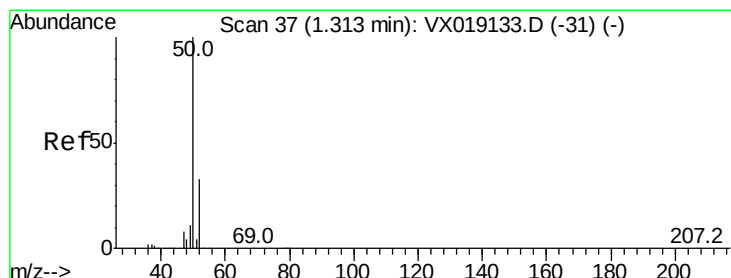
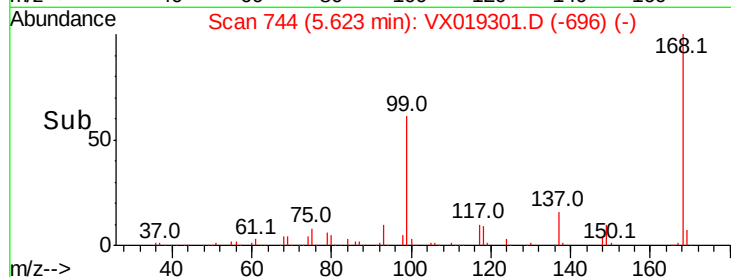
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.263 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019301.D

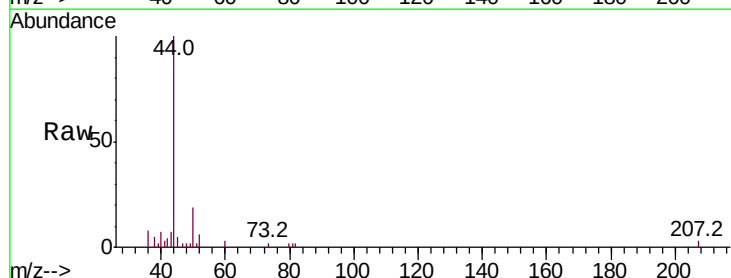
Acq: 05 Nov 2020 10:15

Tgt Ion: 50 Resp: 760

Ion Ratio Lower Upper

50 100

52 32.6 26.8 40.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

600

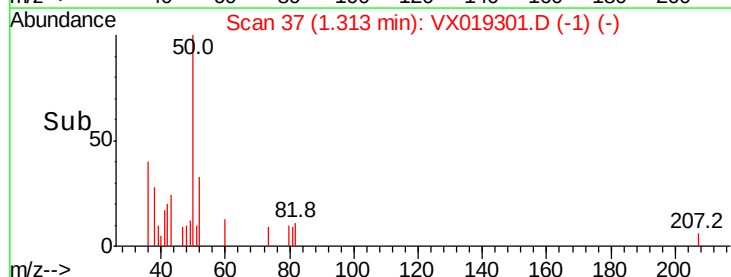
400

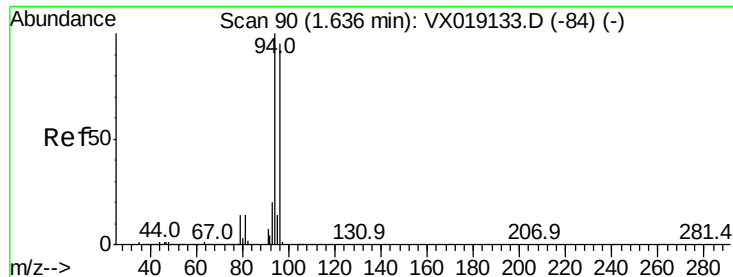
200

0

Time-->

1.25 1.30 1.35





#5

Bromomethane

Concen: 0.557 ug/l

RT: 1.64 min Scan# 91

Delta R.T. 0.01 min

Lab File: VX019301.D

Acq: 05 Nov 2020 10:15

Instrument :

MSVOA_X

ClientSampleId :

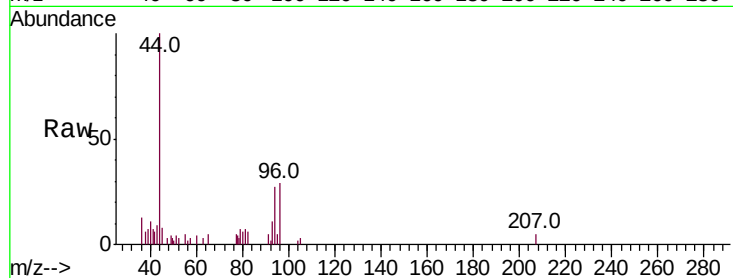
VX1106WBL02

Tot Ion: 94 Resp: 1275

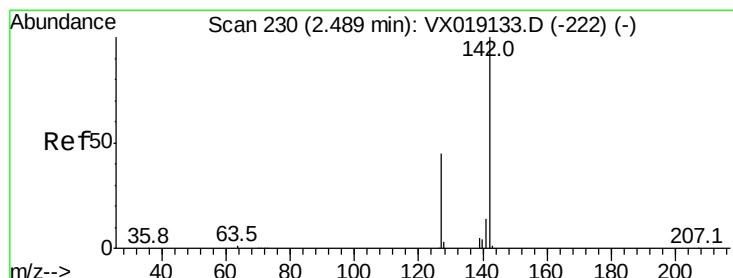
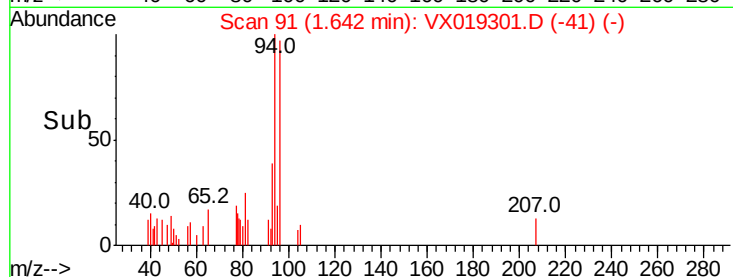
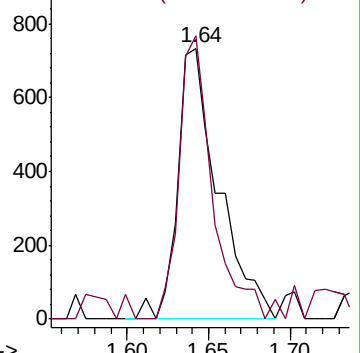
Ion Ratio Lower Upper

94 100

96 97.0 76.0 114.0



Abundance Ion 93.90 (93.60 to 94.60): VX0



#10

Methyl Iodide

Concen: 6.832 ug/l

RT: 2.50 min Scan# 231

Delta R.T. 0.01 min

Lab File: VX019301.D

Acq: 05 Nov 2020 10:15

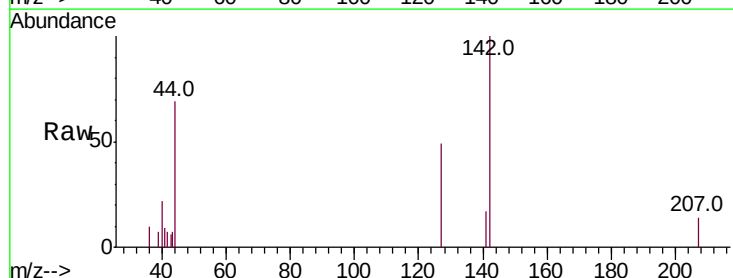
Tgt Ion: 142 Resp: 1789

Ion Ratio Lower Upper

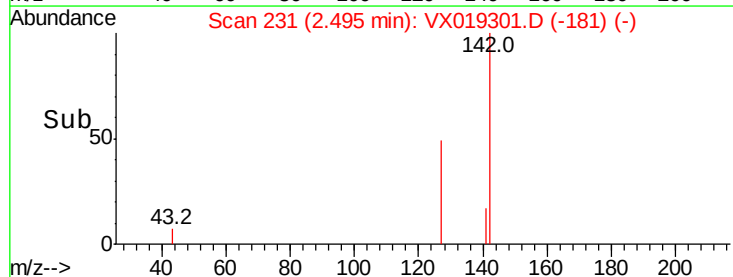
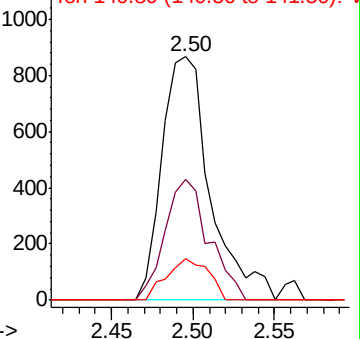
142 100

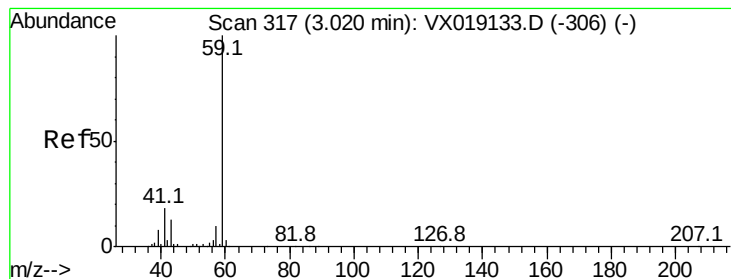
127 44.8 36.1 54.1

141 14.8 11.3 16.9



Abundance Ion 141.80 (141.50 to 142.50): V



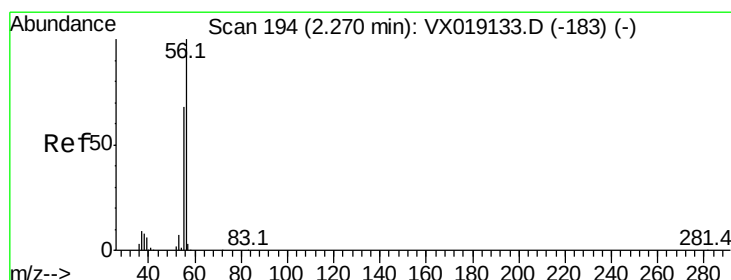
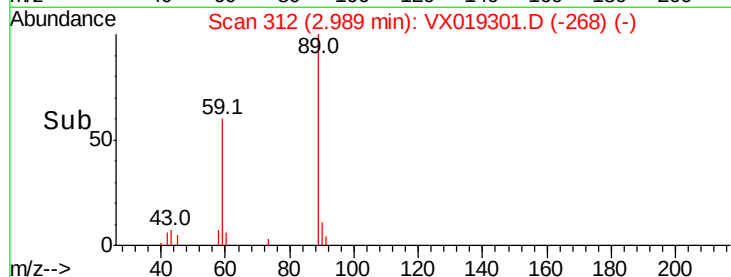
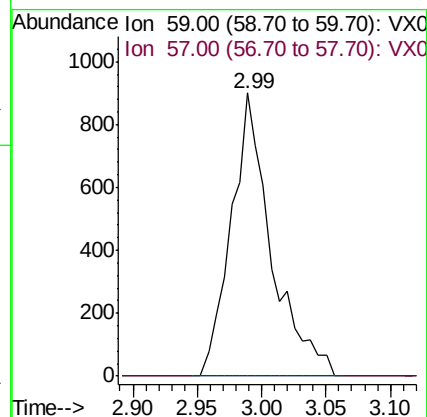
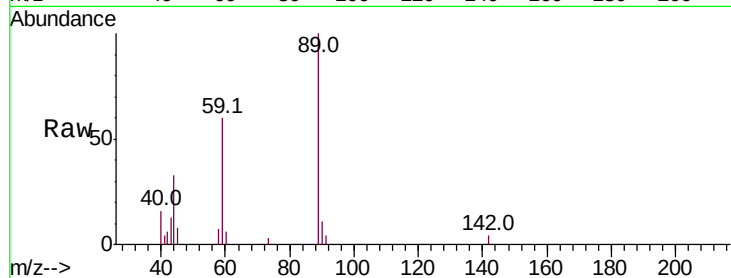


#11

Tert butyl alcohol
 Concen: 2.481 ug/l
 RT: 2.99 min Scan# 312
 Delta R.T. -0.03 min
 Lab File: VX019301.D
 Acq: 05 Nov 2020 10:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1106WBL02

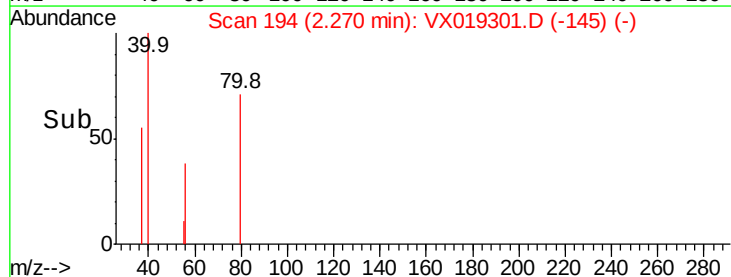
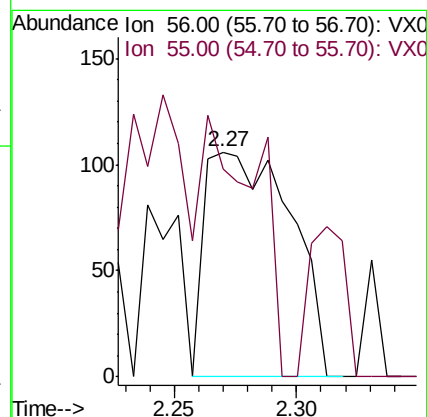
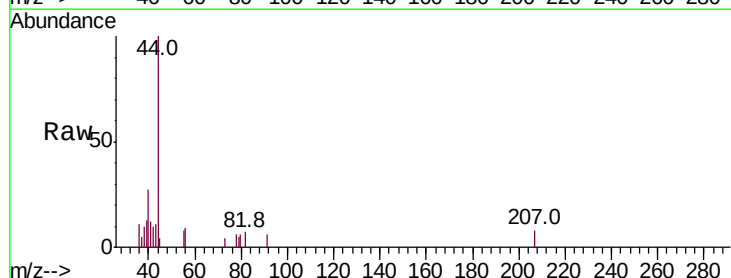
Tot Ion: 59 Resp: 1961
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.4 12.6#

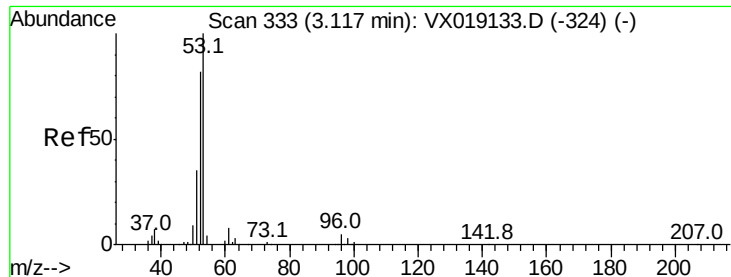


#13

Acrolein
 Concen: 6.370 ug/l
 RT: 2.27 min Scan# 194
 Delta R.T. 0.00 min
 Lab File: VX019301.D
 Acq: 05 Nov 2020 10:15

Tgt Ion: 56 Resp: 261
 Ion Ratio Lower Upper
 56 100
 55 72.0 54.7 82.1





#15

Acrylonitrile

Concen: 0.314 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX019301.D

Acq: 05 Nov 2020 10:15

Instrument :

MSVOA_X

ClientSampleId :

VX1106WBL02

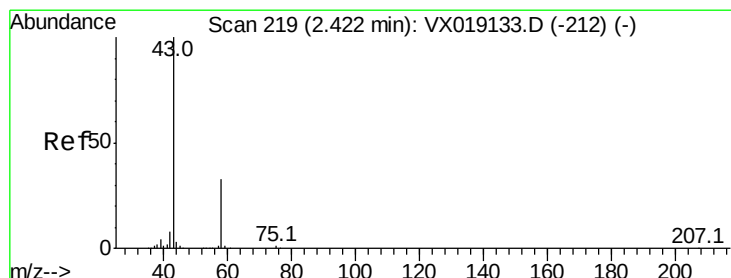
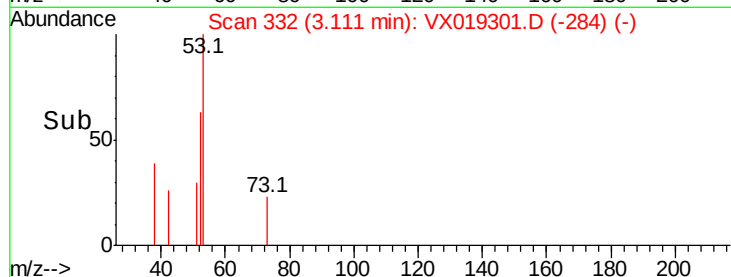
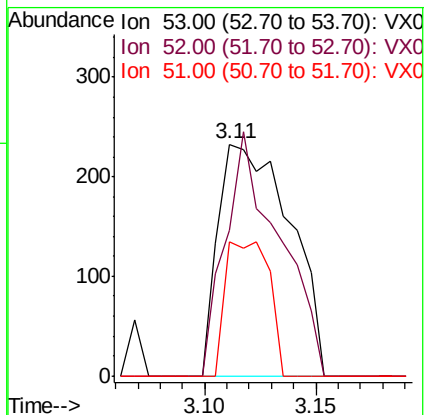
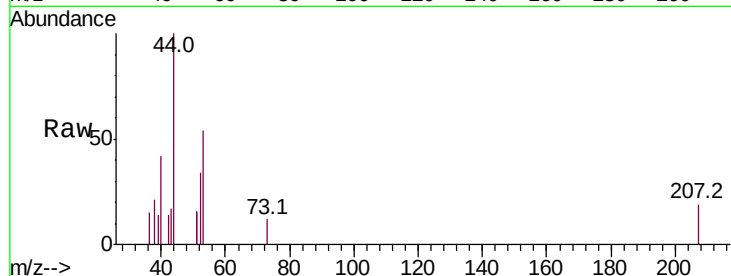
Tot Ion: 53 Resp: 521

Ion Ratio Lower Upper

53 100

52 79.1 65.7 98.5

51 35.3 28.4 42.6



#16

Acetone

Concen: 0.664 ug/l

RT: 2.43 min Scan# 220

Delta R.T. 0.01 min

Lab File: VX019301.D

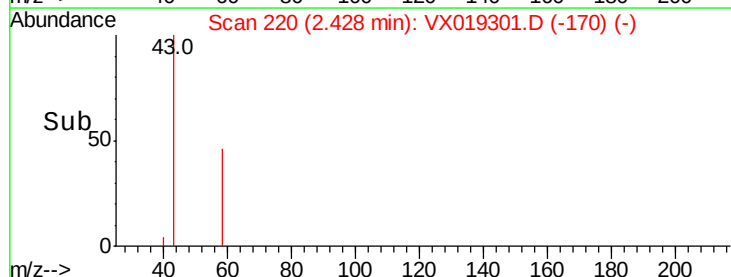
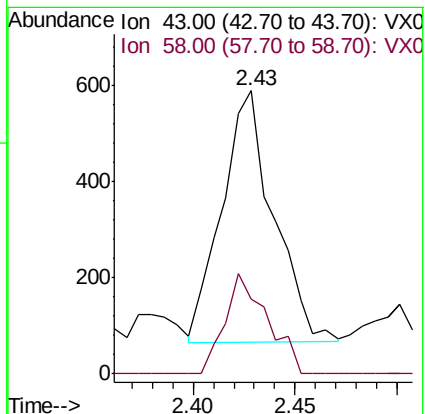
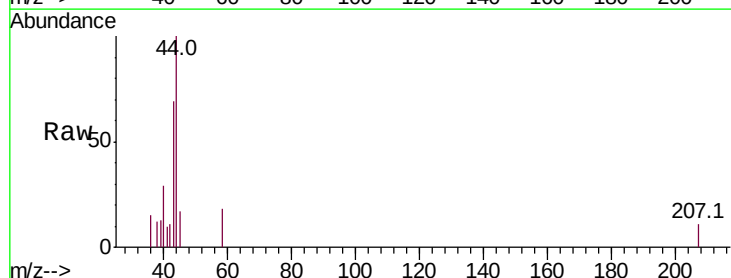
Acq: 05 Nov 2020 10:15

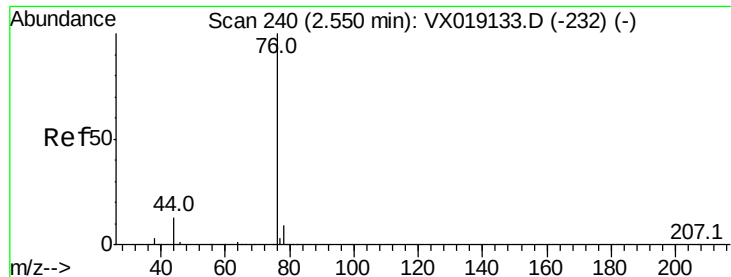
Tgt Ion: 43 Resp: 916

Ion Ratio Lower Upper

43 100

58 30.2 26.3 39.5





#17

Carbon Disulfide

Concen: 0.956 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX019301.D

Acq: 05 Nov 2020 10:15

Instrument :

MSVOA_X

ClientSampleId :

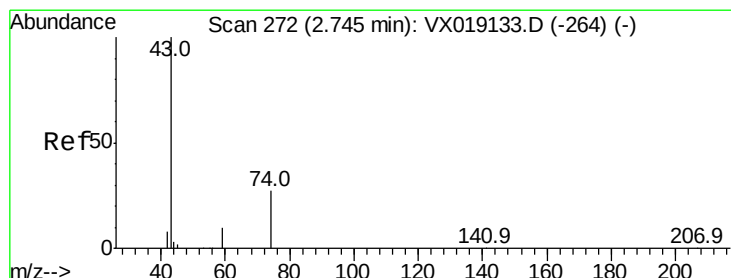
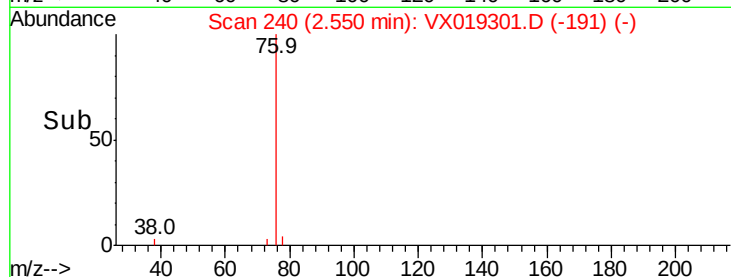
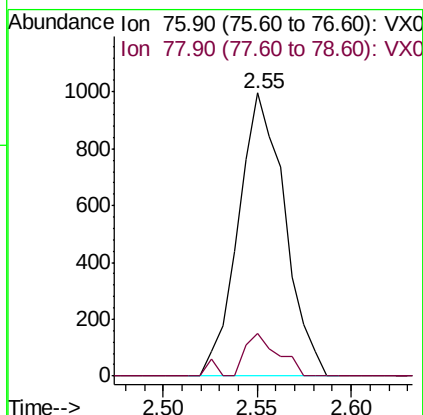
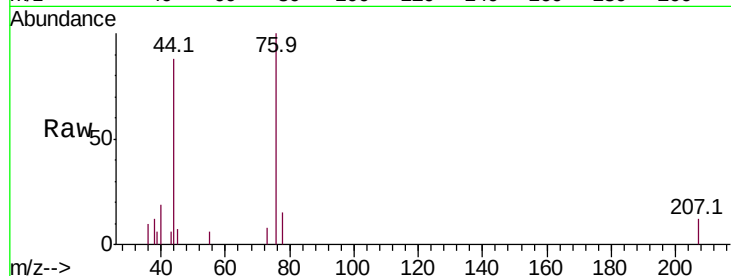
VX1106WBL02

Tot Ion: 76 Resp: 1706

Ion Ratio Lower Upper

76 100

78 15.0 7.3 10.9#



#18

Methyl Acetate

Concen: 0.202 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.00 min

Lab File: VX019301.D

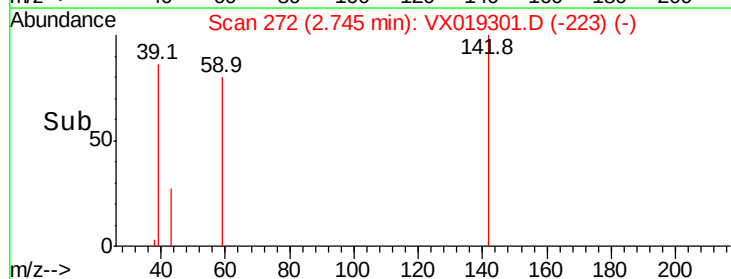
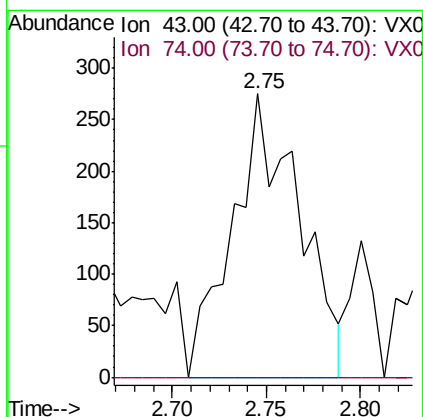
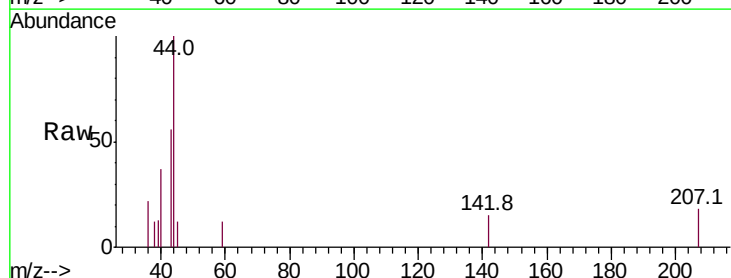
Acq: 05 Nov 2020 10:15

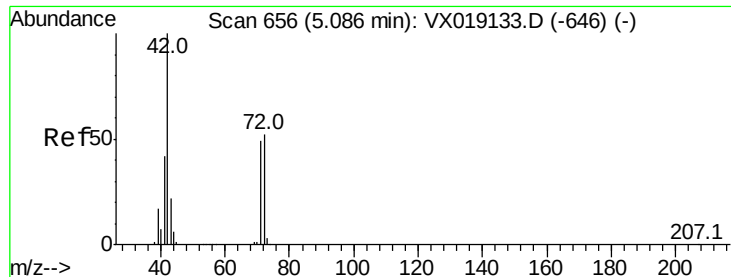
Tgt Ion: 43 Resp: 679

Ion Ratio Lower Upper

43 100

74 0.0 22.6 33.8#





#29

Tetrahydrofuran

Concen: 0.248 ug/l

RT: 5.10 min Scan# 659

Delta R.T. 0.02 min

Lab File: VX019301.D

Acq: 05 Nov 2020 10:15

Instrument :

MSVOA_X

ClientSampleId :

VX1106WBL02

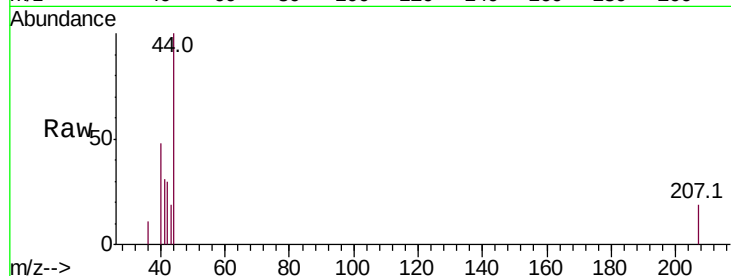
Tot Ion: 42 Resp: 340

Ion Ratio Lower Upper

42 100

72 0.0 42.6 63.8#

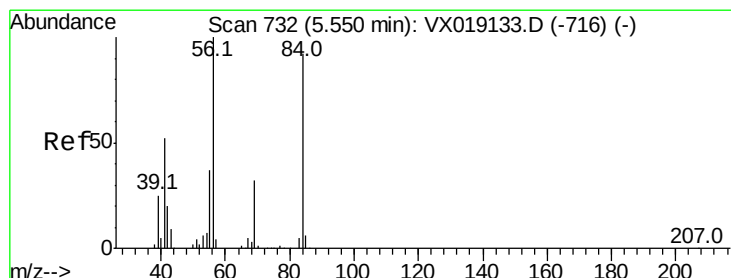
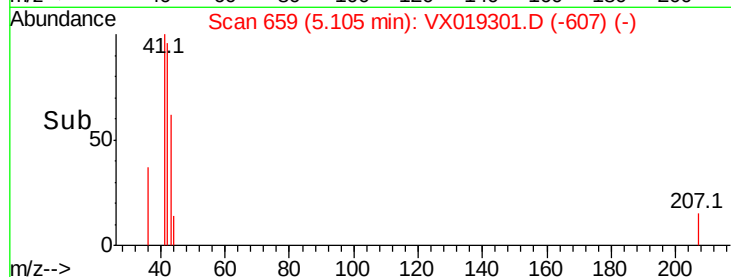
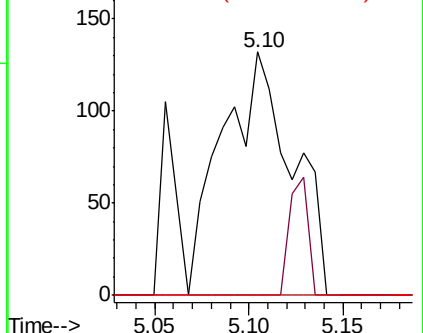
71 0.0 39.7 59.5#



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#31

Cyclohexane

Concen: 1.345 ug/l

RT: 5.62 min Scan# 744

Delta R.T. 0.07 min

Lab File: VX019301.D

Acq: 05 Nov 2020 10:15

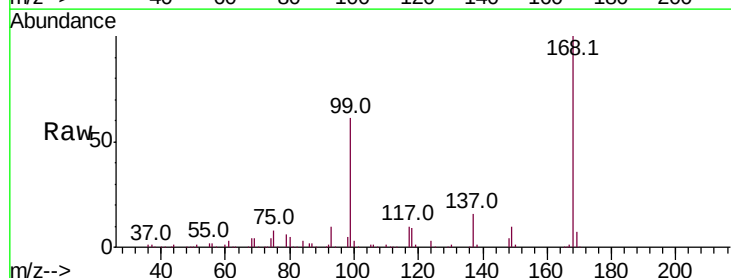
Tgt Ion: 56 Resp: 6805

Ion Ratio Lower Upper

56 100

69 187.9 25.9 38.9#

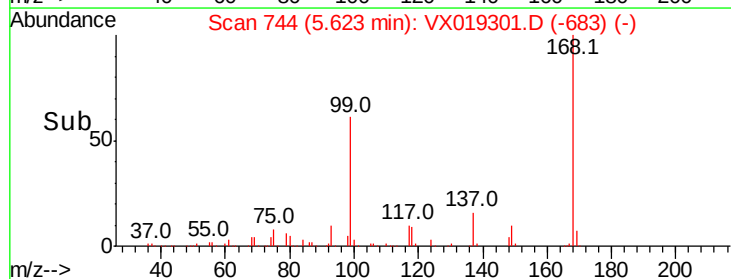
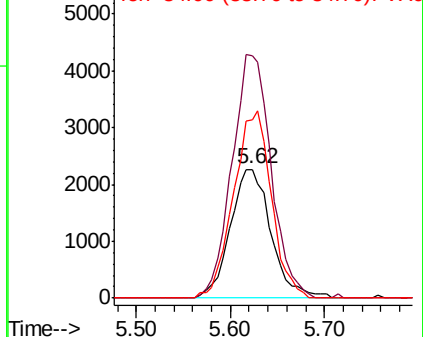
84 138.9 73.4 110.2#

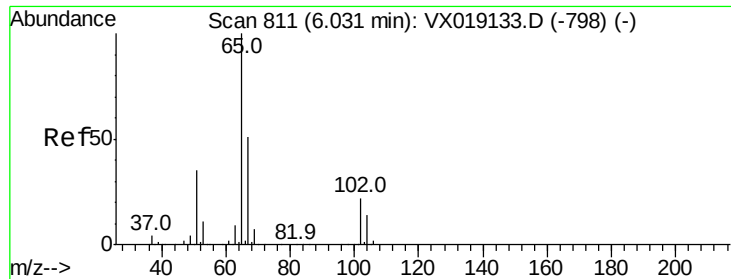


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

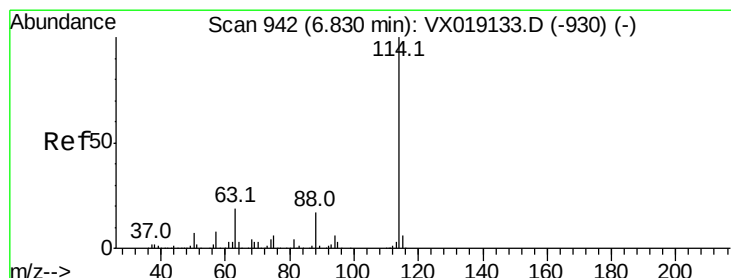
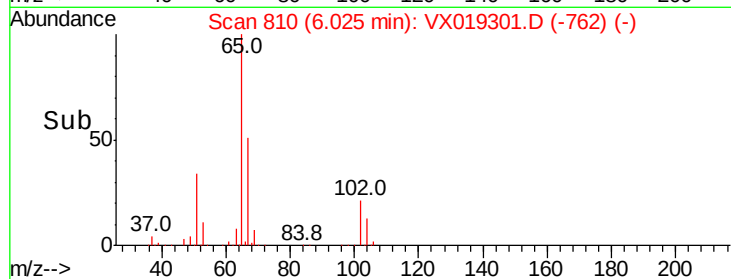
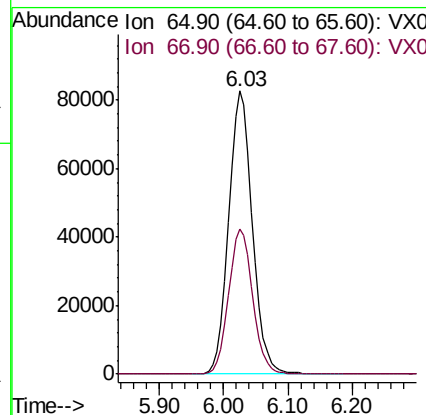
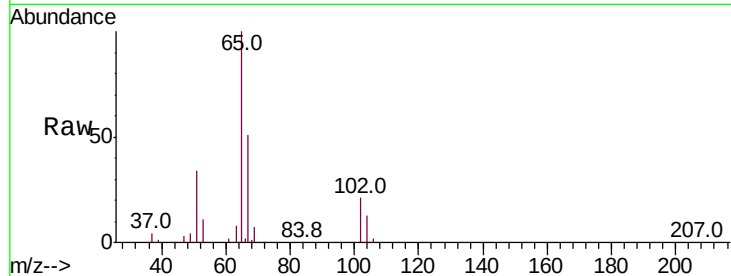




#33
 1,2-Dichloroethane-d4
 Concen: 53.626 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: VX019301.D
 Acq: 05 Nov 2020 10:15

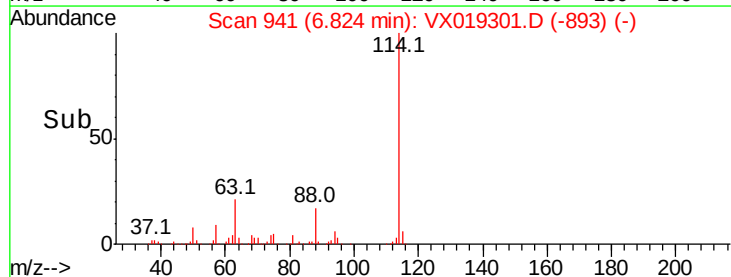
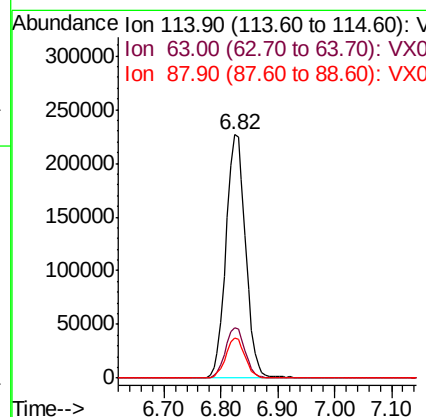
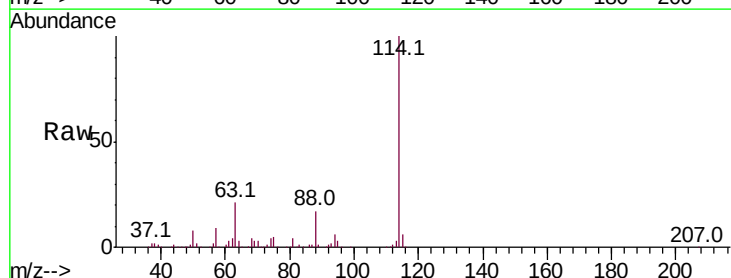
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1106WBL02

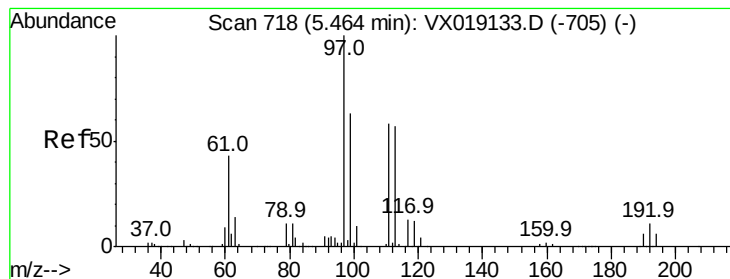
Tot Ion: 65 Resp: 214578
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.82 min Scan# 941
 Delta R.T. -0.01 min
 Lab File: VX019301.D
 Acq: 05 Nov 2020 10:15

Tgt Ion: 114 Resp: 543284
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 38.8
 88 16.6 0.0 34.2





#35

Dibromofluoromethane

Concen: 50.523 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX019301.D

Acq: 05 Nov 2020 10:15

Instrument :

MSVOA_X

ClientSampleId :

VX1106WBL02

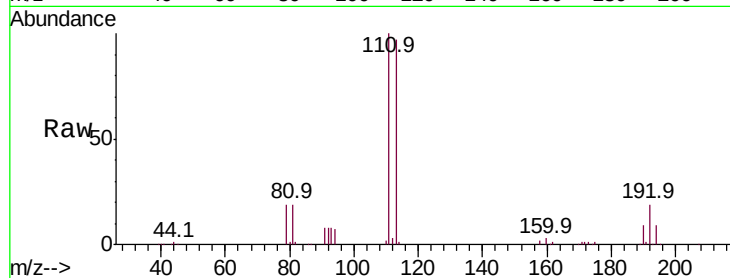
Tot Ion:113 Resp: 172414

Ion Ratio Lower Upper

113 100

111 102.4 82.3 123.5

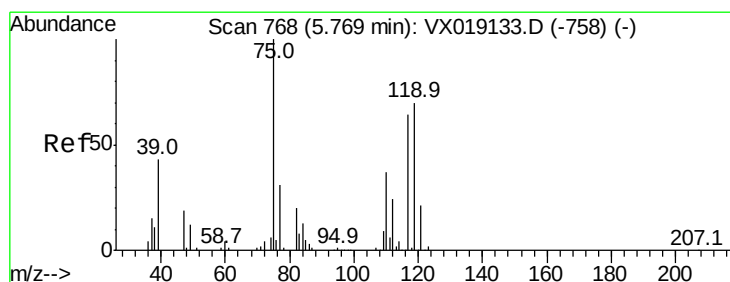
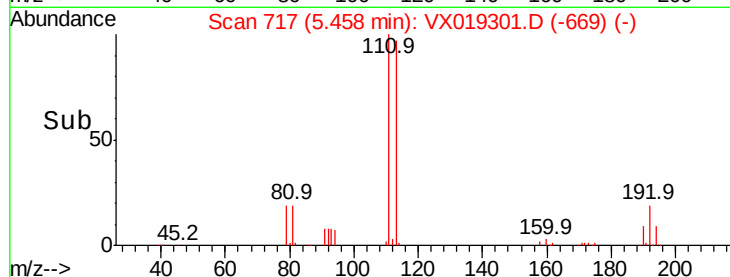
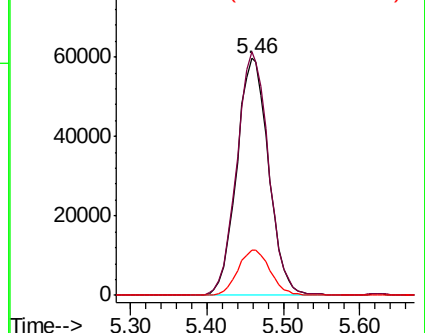
192 19.2 16.2 24.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 5.328 ug/l

RT: 5.62 min Scan# 743

Delta R.T. -0.15 min

Lab File: VX019301.D

Acq: 05 Nov 2020 10:15

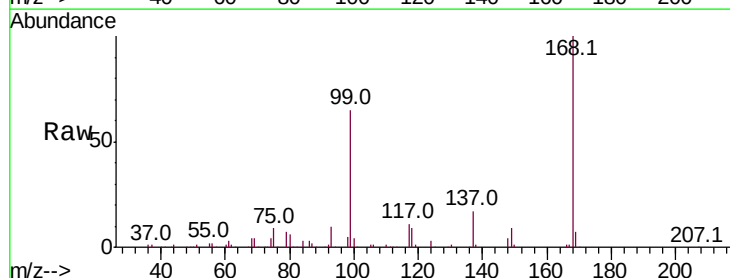
Tgt Ion: 75 Resp: 26729

Ion Ratio Lower Upper

75 100

110 8.8 18.3 54.9#

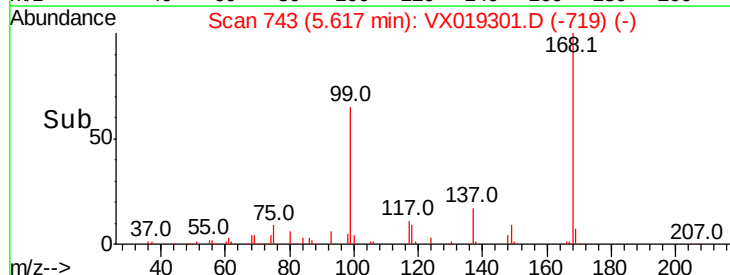
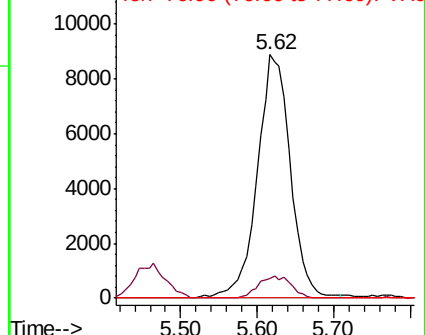
77 0.0 24.9 37.3#

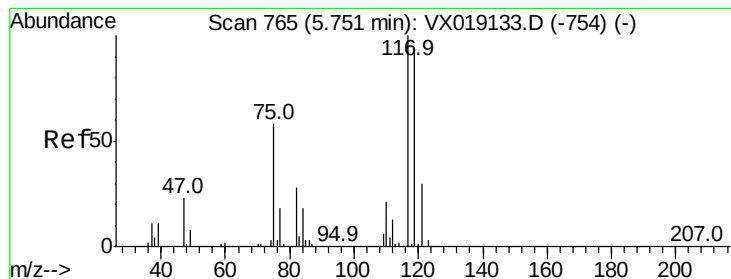


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.299 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.13 min

Lab File: VX019301.D

Acq: 05 Nov 2020 10:15

Instrument :

MSVOA_X

ClientSampleId :

VX1106WBL02

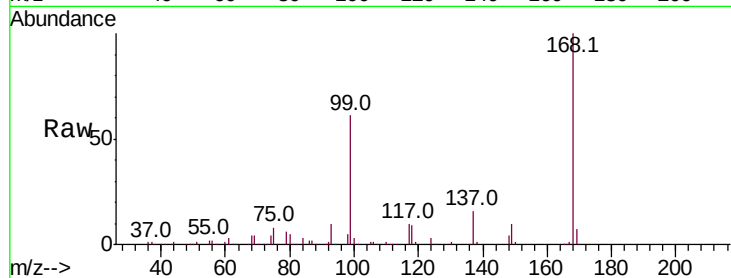
Tot Ion:117 Resp: 32209

Ion Ratio Lower Upper

117 100

119 5.6 75.0 112.6#

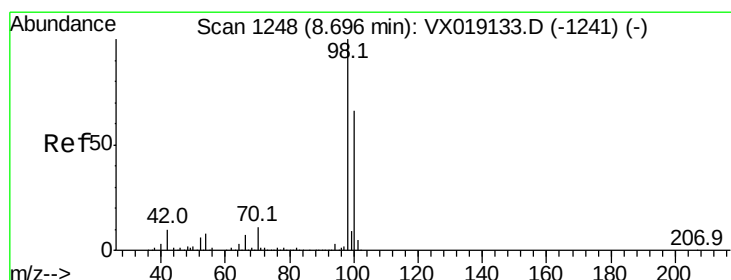
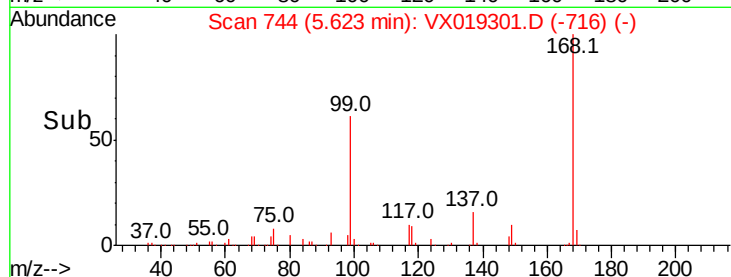
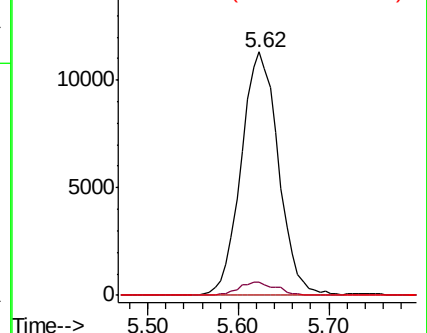
121 0.0 23.9 35.9#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 51.449 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019301.D

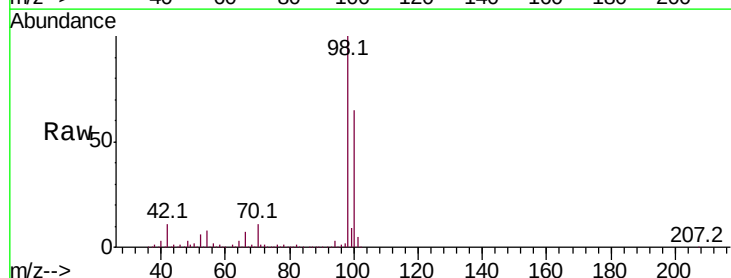
Acq: 05 Nov 2020 10:15

Tgt Ion: 98 Resp: 661855

Ion Ratio Lower Upper

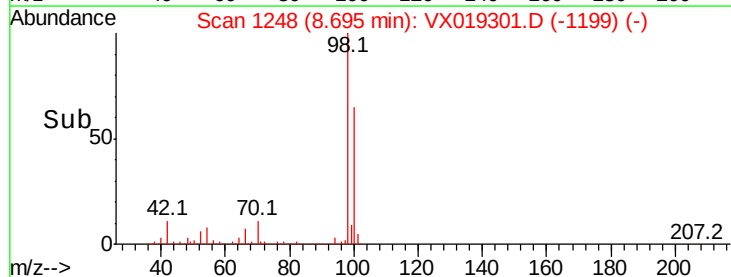
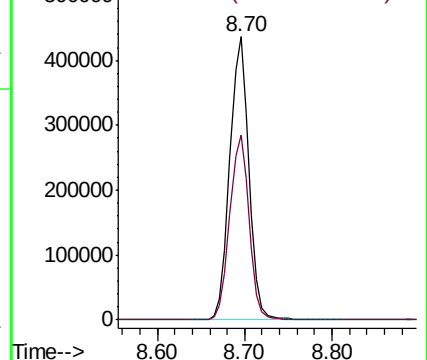
98 100

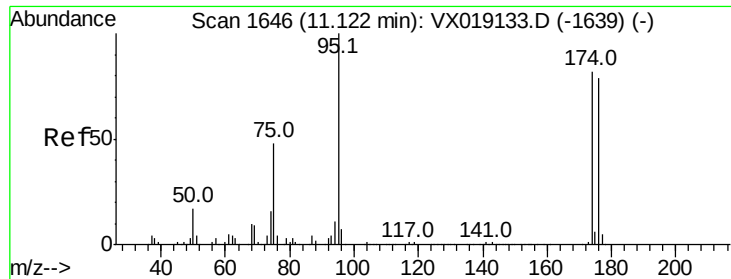
100 66.3 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

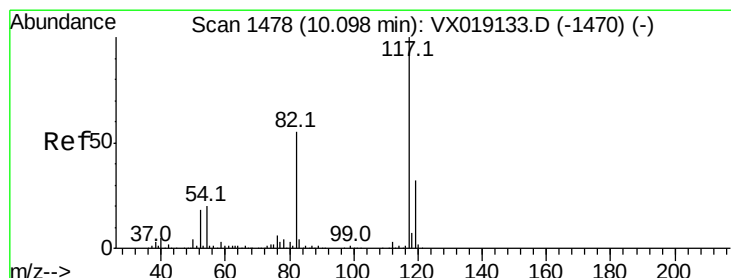
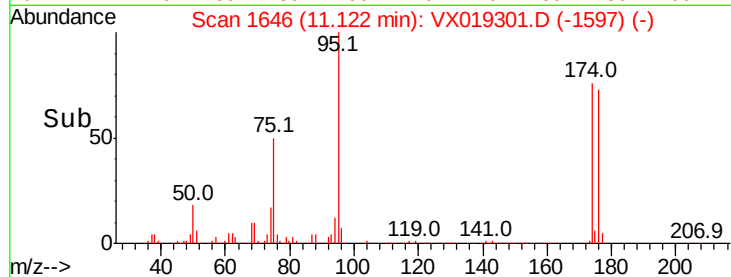
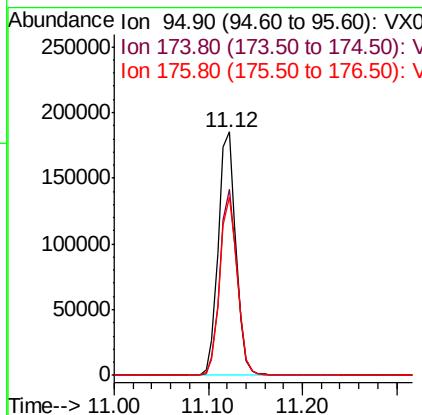
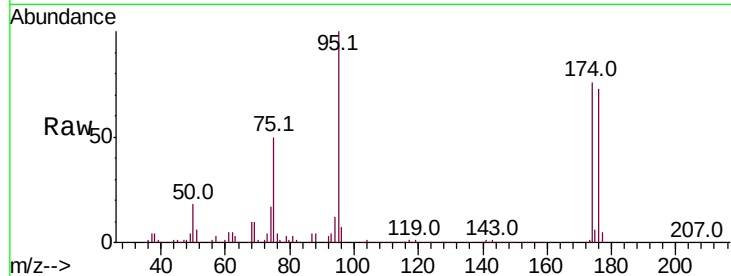




#62
4-Bromofluorobenzene
Concen: 49.466 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX019301.D
Acq: 05 Nov 2020 10:15

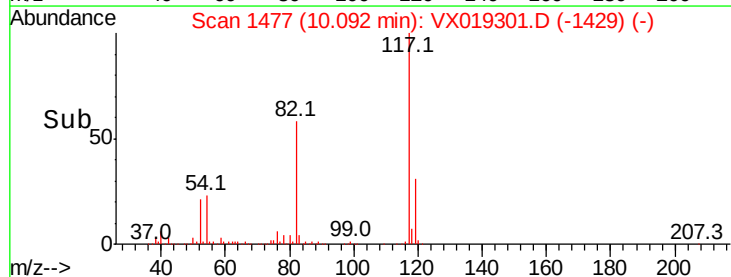
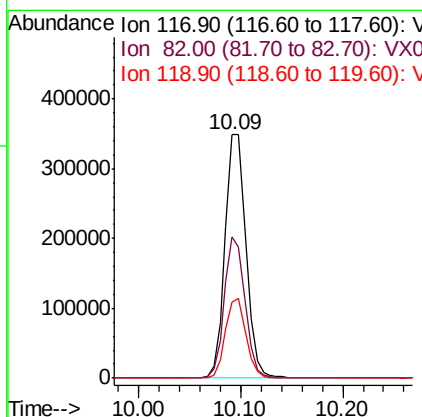
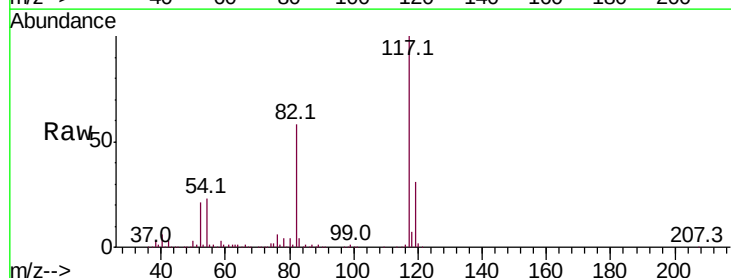
Instrument :
MSVOA_X
ClientSampleId :
VX1106WBL02

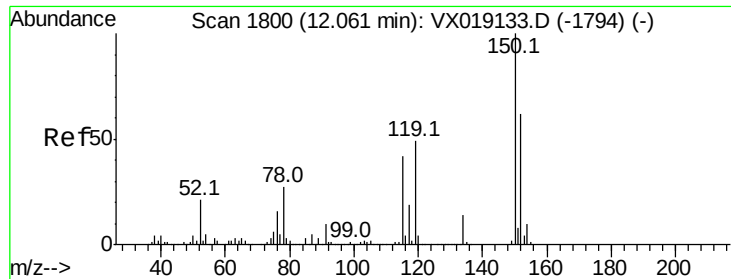
Tot Ion: 95 Resp: 240986
Ion Ratio Lower Upper
95 100
174 74.6 0.0 156.0
176 72.7 0.0 149.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. -0.01 min
Lab File: VX019301.D
Acq: 05 Nov 2020 10:15

Tgt Ion: 117 Resp: 499451
Ion Ratio Lower Upper
117 100
82 58.2 43.6 65.4
119 31.4 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019301.D

Acq: 05 Nov 2020 10:15

Instrument :

MSVOA_X

ClientSampleId :

VX1106WBL02

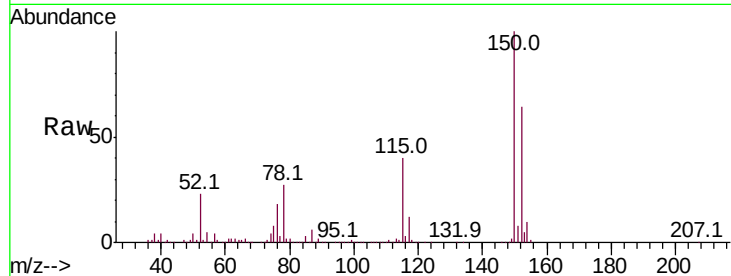
Tot Ion:152 Resp: 238093

Ion Ratio Lower Upper

152 100

115 60.5 41.9 125.7

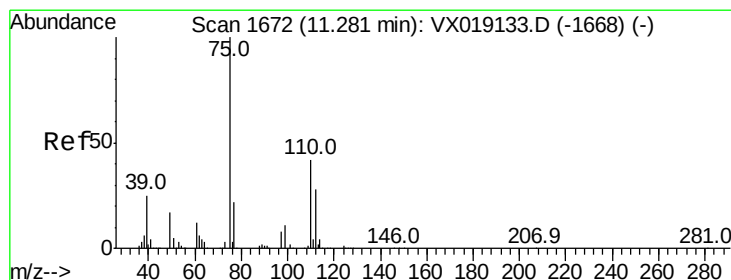
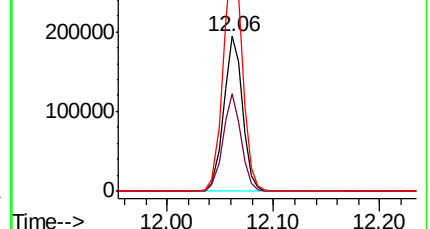
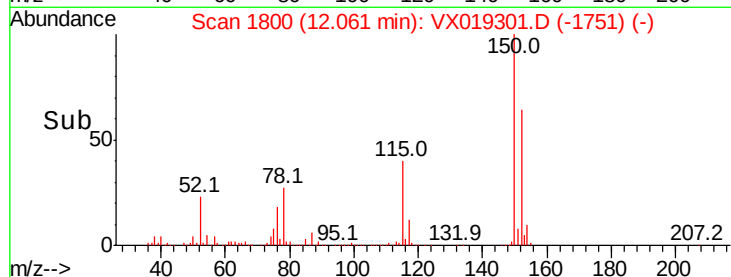
150 155.2 0.0 347.8



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: 25.201 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX019301.D

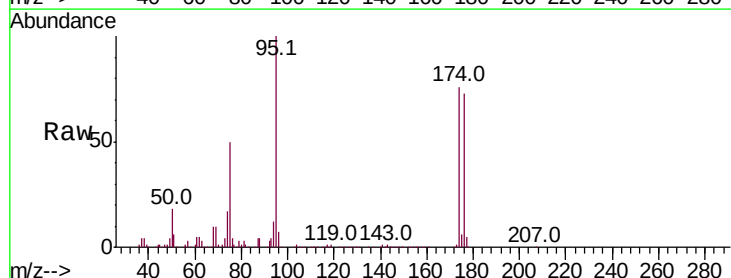
Acq: 05 Nov 2020 10:15

Tgt Ion: 75 Resp: 123892

Ion Ratio Lower Upper

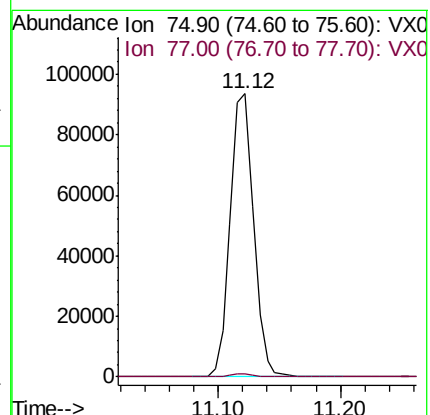
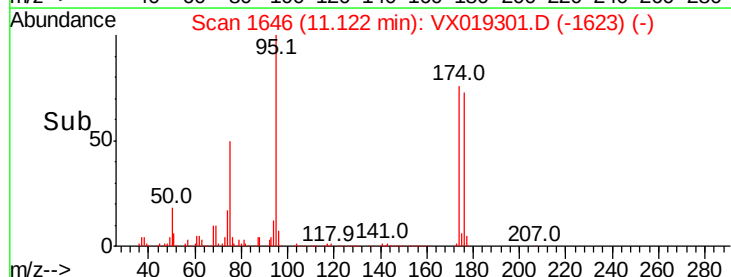
75 100

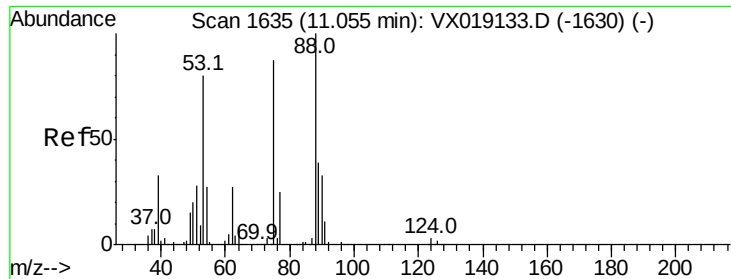
77 1.1 20.3 60.9#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 66.355 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.07 min
 Lab File: VX019301.D
 Acq: 05 Nov 2020 10:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1106WBL02

Tot Ion: 75 Resp: 123892
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.3 109.9#
 89 0.0 38.2 57.2#

