

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112618\
 Data File : VX006200.D
 Acq On : 27 Nov 2018 03:11
 Operator : JC/MD
 Sample : J5774-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SU-03-112118-B

Quant Time: Nov 27 04:13:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 08:15:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	261016	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	392757	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	383935	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	181315	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	167130	55.26	ug/l	0.00
Spiked Amount			Recovery	=	110.52%	
35) Dibromofluoromethane	5.51	113	133270	52.86	ug/l	0.00
Spiked Amount			Recovery	=	105.72%	
50) Toluene-d8	8.71	98	506099	52.63	ug/l	0.00
Spiked Amount			Recovery	=	105.26%	
62) 4-Bromofluorobenzene	11.14	95	168676	46.75	ug/l	0.00
Spiked Amount			Recovery	=	93.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	1405	0.573	ug/l	89
5) Bromomethane	1.65	94	339	3.879	ug/l #	79
6) Chloroethane	1.76	64	968	Below Cal	#	66
8) Diethyl Ether	2.19	74	462	0.335	ug/l #	1
12) 1,1-Dichloroethene	2.37	96	952	0.505	ug/l #	75
13) Acrolein	2.26	56	144	0.374	ug/l #	1
14) Allyl chloride	2.85	41	1470504	381.359	ug/l #	27
15) Acrylonitrile	3.14	53	360	0.253	ug/l #	17
16) Acetone	2.45	43	210861	157.111	ug/l	97
17) Carbon Disulfide	2.57	76	2465	0.484	ug/l #	93
18) Methyl Acetate	2.79	43	9733	2.828	ug/l	99
20) Methylene Chloride	2.84	84	22236436	11022.738	ug/l #	74
21) trans-1,2-Dichloroethene	3.16	96	1497	0.759	ug/l #	72
25) 2-Butanone	4.70	43	3887	1.560	ug/l	99
28) Bromochloromethane	5.04	49	3026	1.335	ug/l	88
29) Tetrahydrofuran	5.15	42	1161	0.747	ug/l #	80
30) Chloroform	5.21	83	2536	0.538	ug/l	96
36) 1,1-Dichloropropene	5.66	75	19358	5.418	ug/l #	50
37) Ethyl Acetate	4.86	43	1466	0.319	ug/l #	75
38) Carbon Tetrachloride	5.66	117	23857	7.104	ug/l #	17
43) Isopropyl Acetate	6.46	43	14096	2.123	ug/l #	91
47) Bromodichloromethane	7.90	83	1183	0.335	ug/l #	97
48) Methyl methacrylate	7.69	41	9369	2.783	ug/l #	18
49) 1,4-Dioxane	7.74	88	69	0.864	ug/l #	1
51) 4-Methyl-2-Pentanone	8.62	43	75397	15.842	ug/l #	51
52) Toluene	8.79	92	10049	1.543	ug/l	97
54) cis-1,3-Dichloropropene	8.62	75	31499	7.738	ug/l #	66
56) Ethyl methacrylate	9.21	69	183	2.905	ug/l #	1
57) 1,3-Dichloropropane	9.54	76	6628	1.426	ug/l #	47
58) 2-Chloroethyl Vinyl ether	8.39	63	180	6.793	ug/l	91
59) 2-Hexanone	9.54	43	100176	26.522	ug/l #	52
67) Ethyl Benzene	10.25	91	6571	0.510	ug/l	91
68) m/p-Xylenes	10.36	106	9864	1.964	ug/l	97
69) o-Xylene	10.70	106	4478	0.934	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

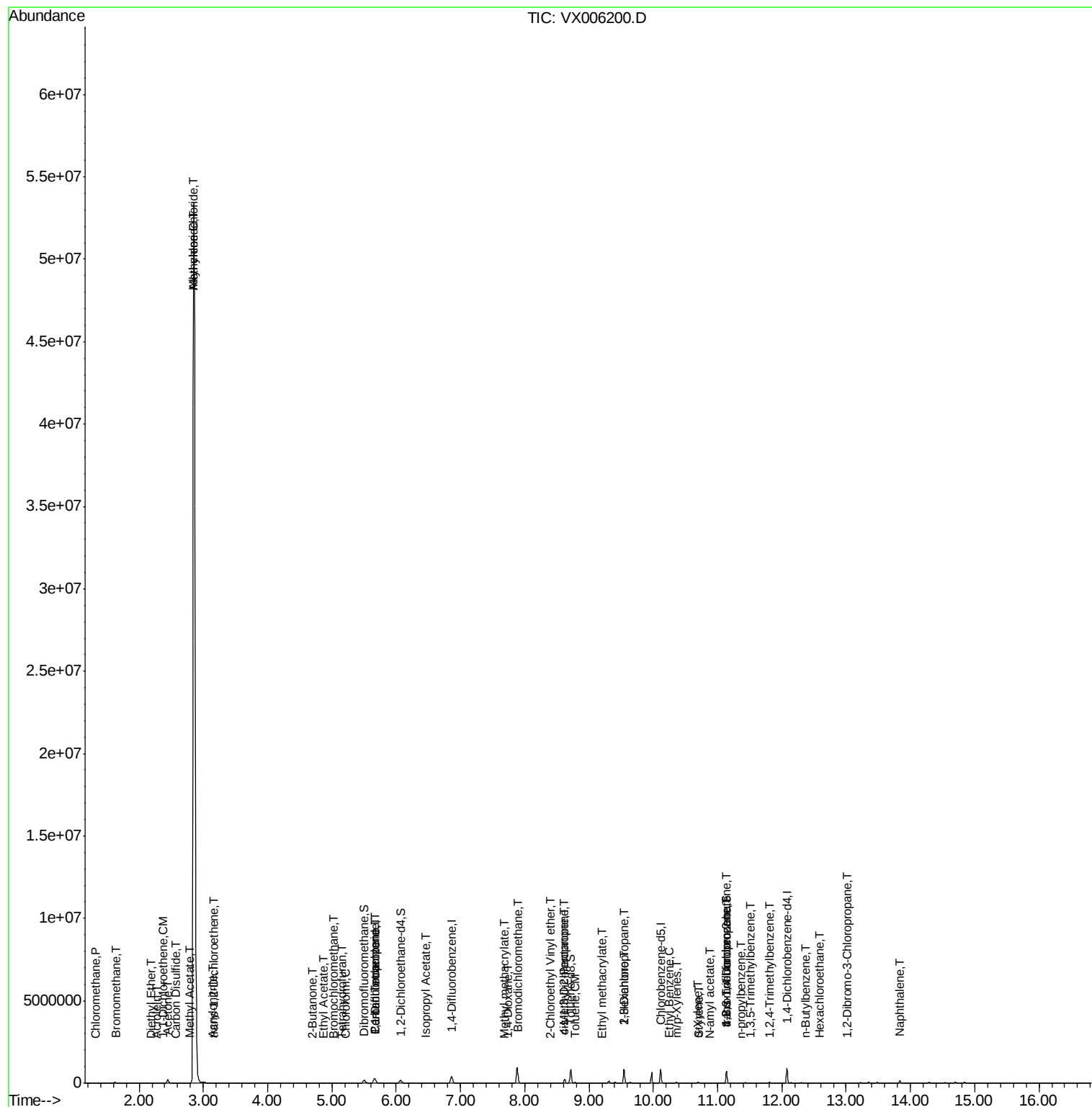
70) Styrene	10.71	104	1604	0.205	ug/l #	42
74) N-amyl acetate	10.87	43	235	2.233	ug/l #	67
76) 1,2,3-Trichloropropane	11.14	75	86683	23.221	ug/l #	38
78) n-propylbenzene	11.36	91	4533	0.355	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	8418	0.910	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.14	75	86683	78.540	ug/l #	7
84) 1,2,4-Trimethylbenzene	11.81	105	24361	2.582	ug/l	98
89) n-Butylbenzene	12.38	91	2963	0.332	ug/l #	40
90) Hexachloroethane	12.59	117	765	0.487	ug/l #	7
92) 1,2-Dibromo-3-Chloropropan	13.01	75	284	0.296	ug/l #	1
95) Naphthalene	13.83	128	96785	8.065	ug/l	99

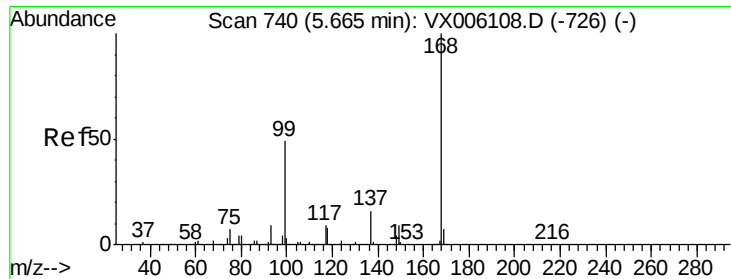
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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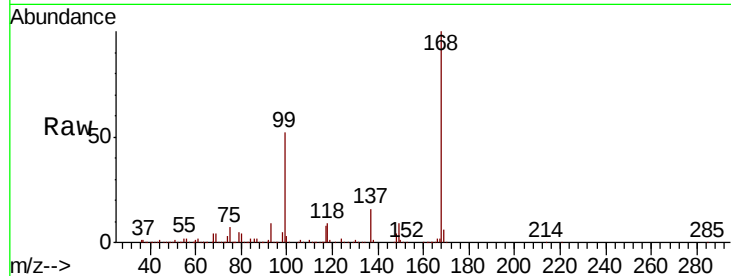


#1

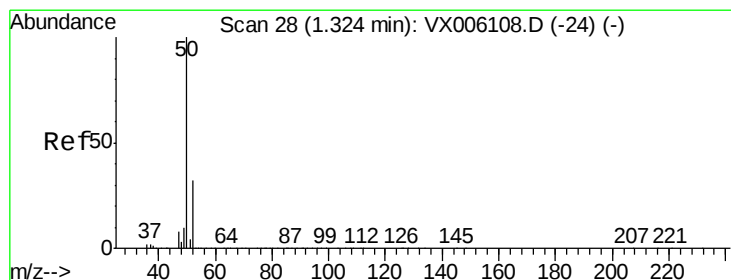
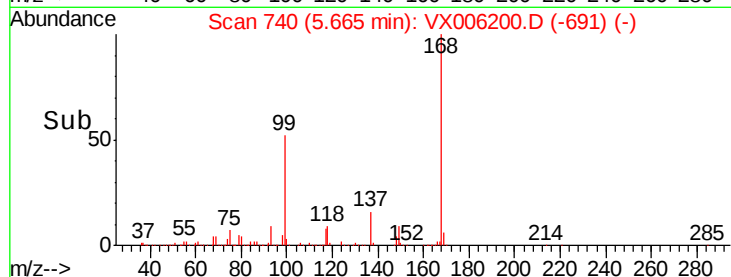
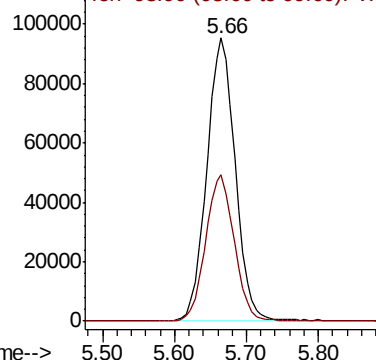
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.66 min Scan# 740
 Delta R.T. -0.00 min
 Lab File: VX006200.D
 Acq: 27 Nov 2018 03:11

Instrument :
 MSVOA_X
 ClientSampleId :
 SU-03-112118-B

Tot Ion:168 Resp: 261016
 Ion Ratio Lower Upper
 168 100
 99 51.4 39.2 58.8



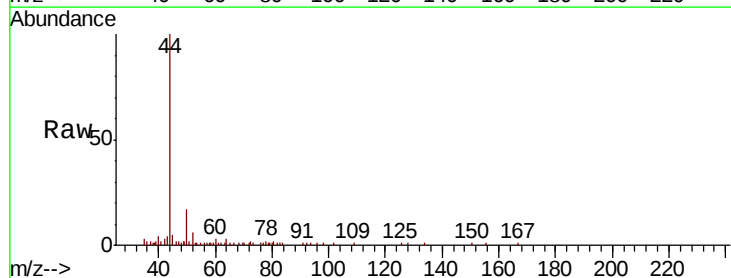
Abundance Ion 167.90 (167.60 to 168.60): V
 Ion 98.90 (98.60 to 99.60): VX0



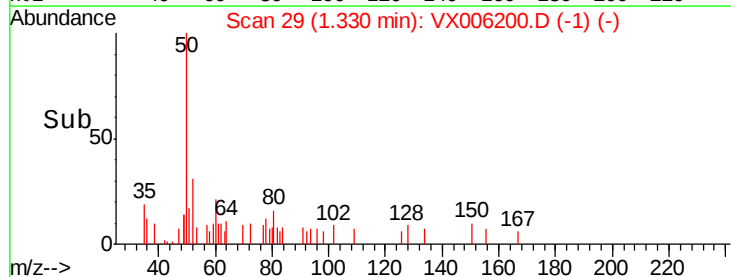
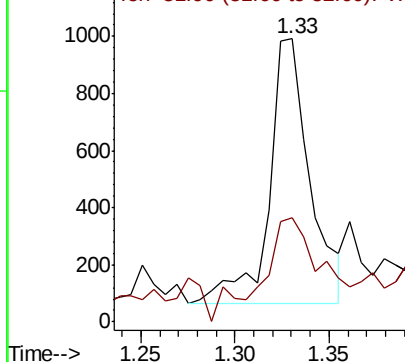
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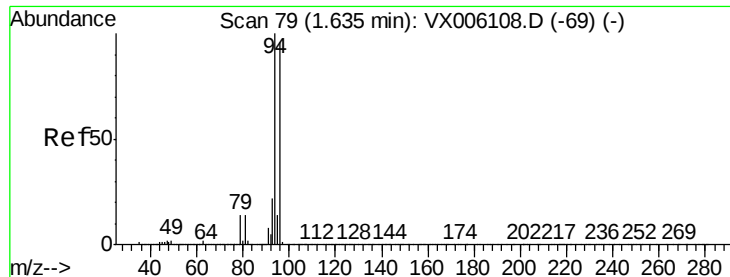
Chloromethane
 Concen: 0.573 ug/l
 RT: 1.33 min Scan# 29
 Delta R.T. 0.01 min
 Lab File: VX006200.D
 Acq: 27 Nov 2018 03:11

Tgt Ion: 50 Resp: 1405
 Ion Ratio Lower Upper
 50 100
 52 25.8 25.6 38.4



Abundance Ion 49.90 (49.60 to 50.60): VX0
 Ion 51.90 (51.60 to 52.60): VX0





#5

Bromomethane

Concen: 3.879 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX006200.D

Acq: 27 Nov 2018 03:11

Instrument :

MSVOA_X

ClientSampleId :

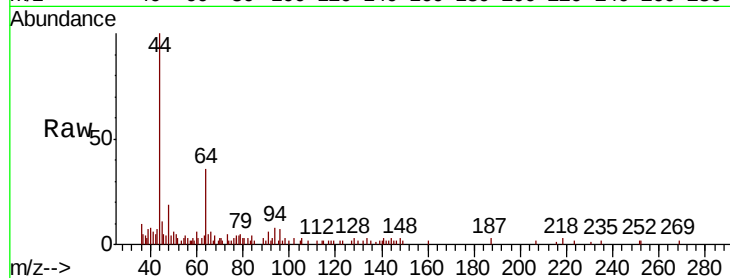
SU-03-112118-B

Tot Ion: 94 Resp: 339

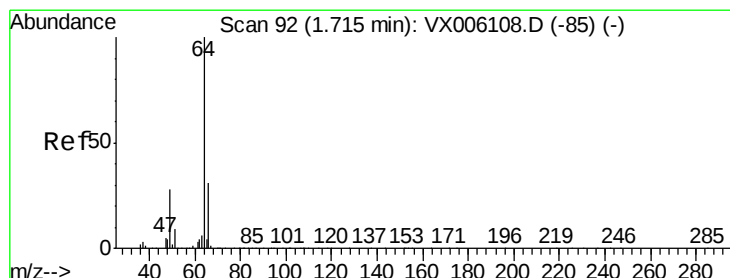
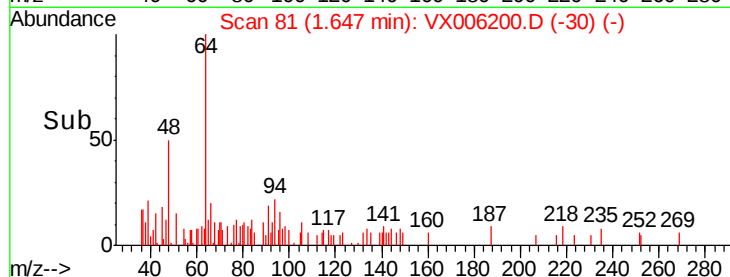
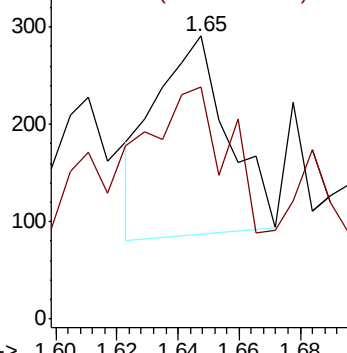
Ion Ratio Lower Upper

94 100

96 75.1 76.7 115.1#



Abundance Ion 93.90 (93.60 to 94.60): VX0



#6

Chloroethane

Concen: Below Cal

RT: 1.76 min Scan# 99

Delta R.T. 0.04 min

Lab File: VX006200.D

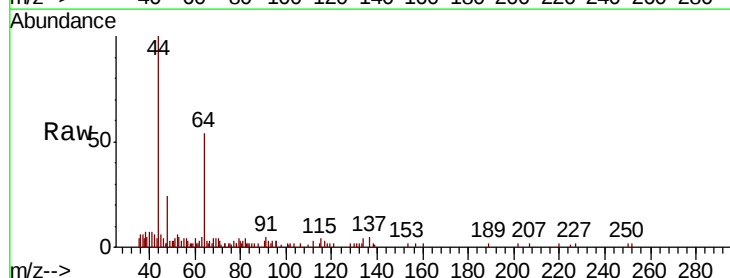
Acq: 27 Nov 2018 03:11

Tgt Ion: 64 Resp: 968

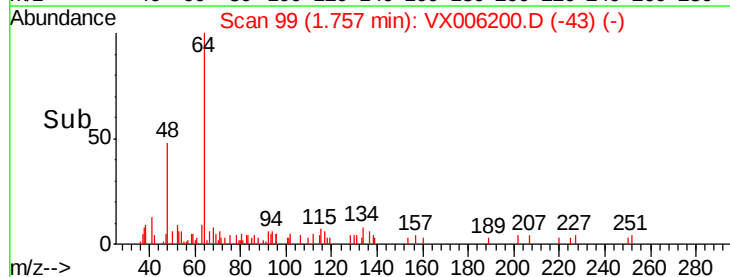
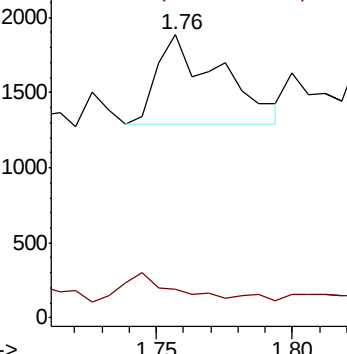
Ion Ratio Lower Upper

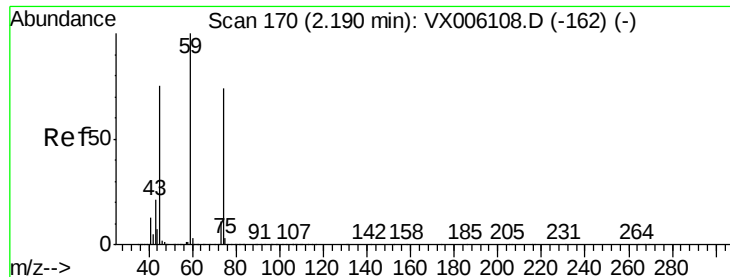
64 100

66 12.6 25.1 37.7#



Abundance Ion 63.90 (63.60 to 64.60): VX0





#8

Diethyl Ether

Concen: 0.335 ug/l

RT: 2.19 min Scan# 170

Delta R.T. -0.00 min

Lab File: VX006200.D

Acq: 27 Nov 2018 03:11

Instrument :

MSVOA_X

ClientSampleId :

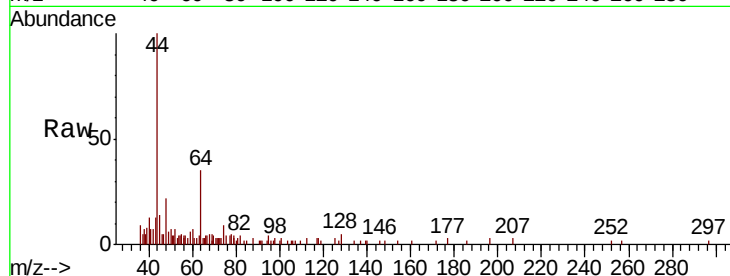
SU-03-112118-B

Tot Ion: 74 Resp: 462

Ion Ratio Lower Upper

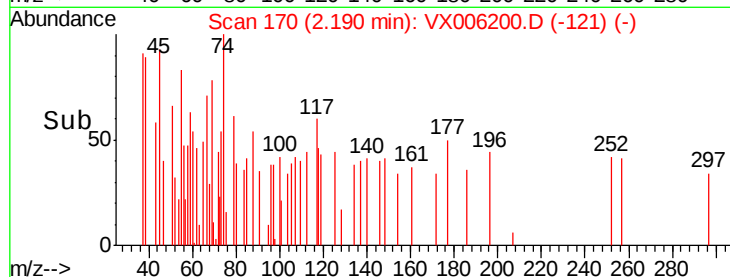
74 100

45 0.0 52.2 156.6#

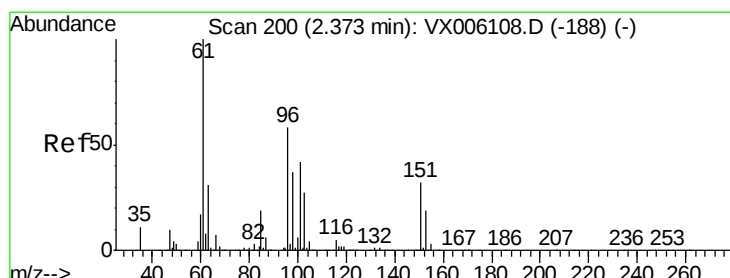


Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



Time-->



#12

1,1-Dichloroethene

Concen: 0.505 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.00 min

Lab File: VX006200.D

Acq: 27 Nov 2018 03:11

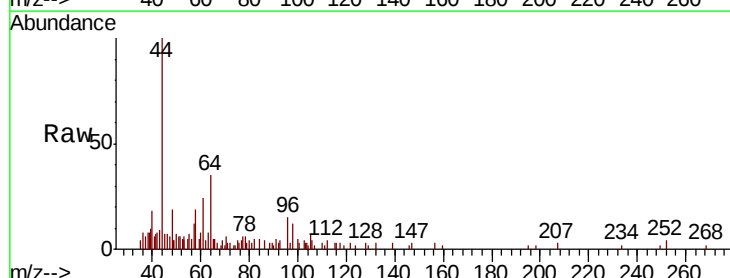
Tgt Ion: 96 Resp: 952

Ion Ratio Lower Upper

96 100

61 134.7 138.2 207.4#

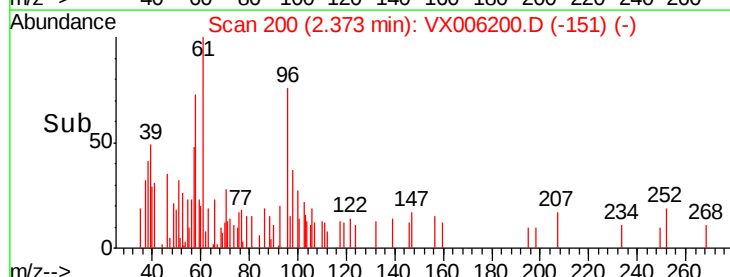
98 77.5 51.3 76.9#



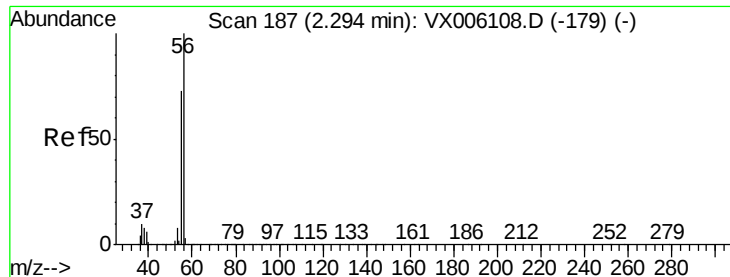
Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



Time-->



#13

Acrolein

Concen: 0.374 ug/l

RT: 2.26 min Scan# 182

Delta R.T. -0.03 min

Lab File: VX006200.D

Acq: 27 Nov 2018 03:11

Instrument :

MSVOA_X

ClientSampleId :

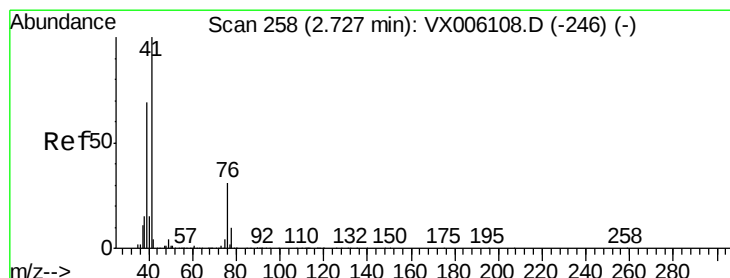
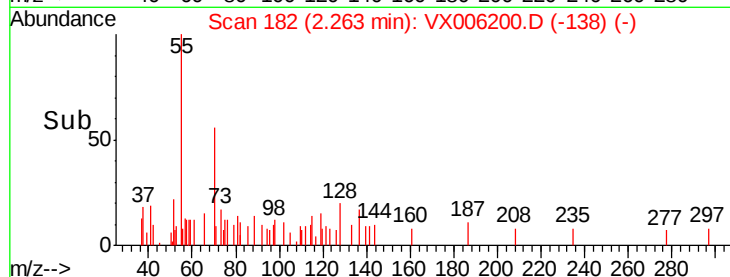
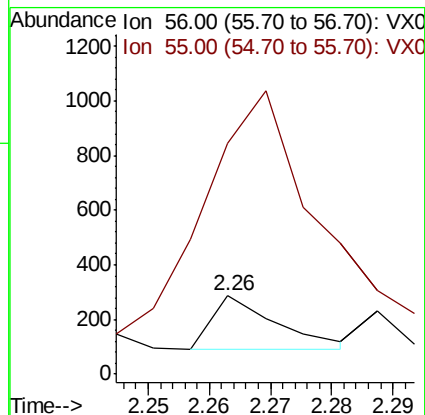
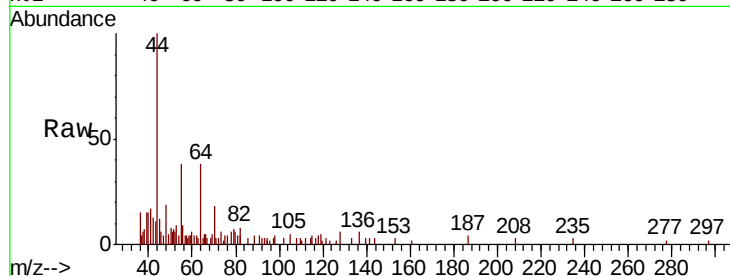
SU-03-112118-B

Tot Ion: 56 Resp: 144

Ion Ratio Lower Upper

56 100

55 925.0 57.8 86.6#



#14

Allyl chloride

Concen: 381.359 ug/l

RT: 2.85 min Scan# 278

Delta R.T. 0.12 min

Lab File: VX006200.D

Acq: 27 Nov 2018 03:11

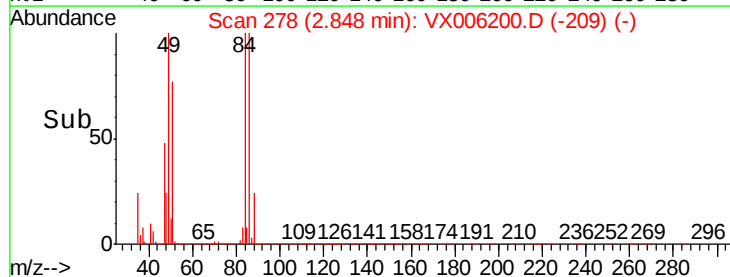
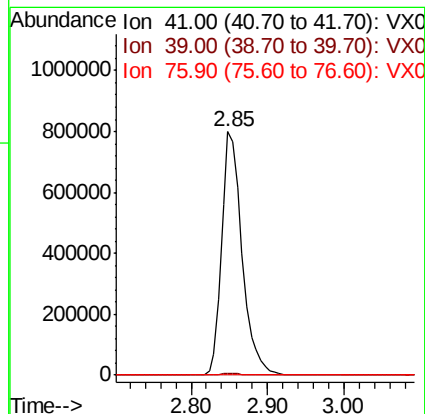
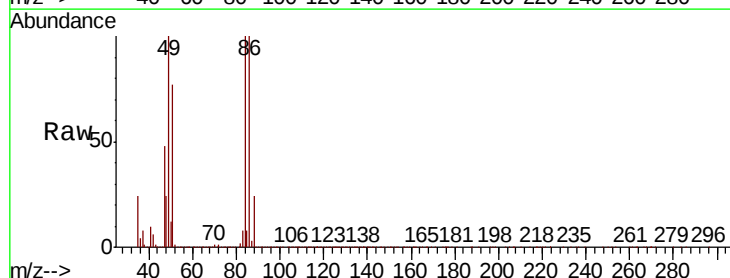
Tgt Ion: 41 Resp: 1470504

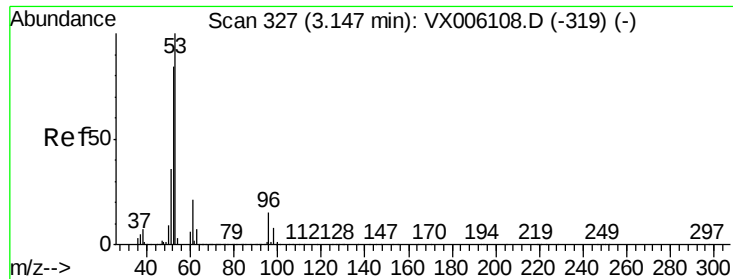
Ion Ratio Lower Upper

41 100

39 0.7 52.5 78.7#

76 0.1 23.4 35.2#

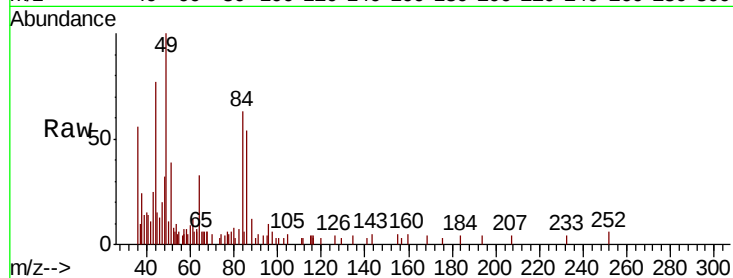




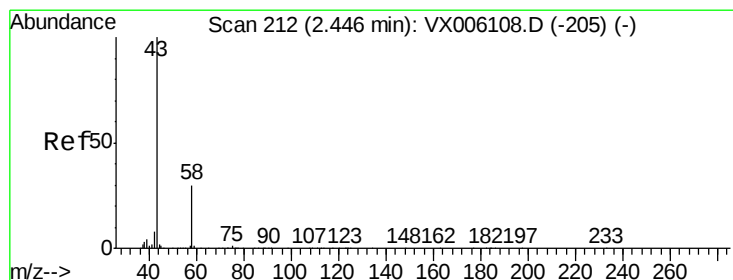
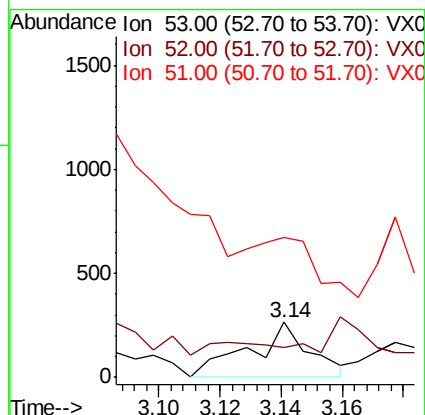
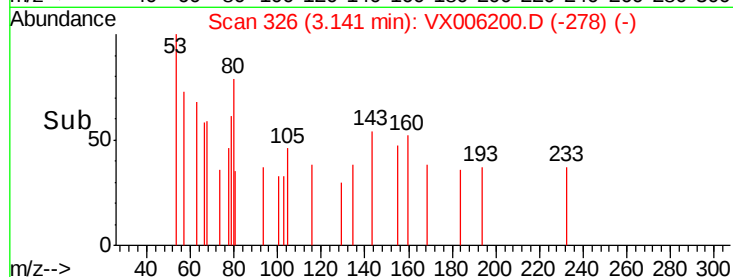
#15
 Acrylonitrile
 Concen: 0.253 ug/l
 RT: 3.14 min Scan# 326
 Delta R.T. -0.01 min
 Lab File: VX006200.D
 Acq: 27 Nov 2018 03:11

Instrument :
 MSVOA_X
 ClientSampleID :
 SU-03-112118-B

Tot Ion: 53 Resp: 360
 Ion Ratio Lower Upper
 53 100
 52 0.0 66.4 99.6#
 51 0.0 29.4 44.0#

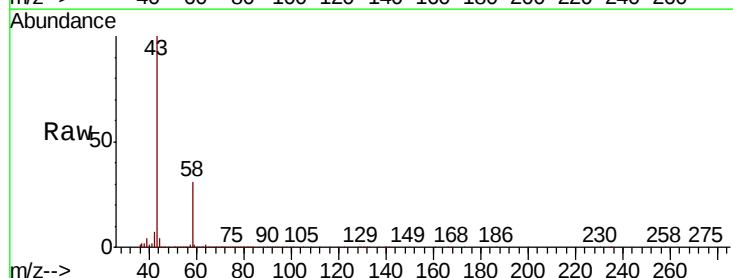


Abundance Ion 53.00 (52.70 to 53.70): VX0
 Ion 52.00 (51.70 to 52.70): VX0
 Ion 51.00 (50.70 to 51.70): VX0

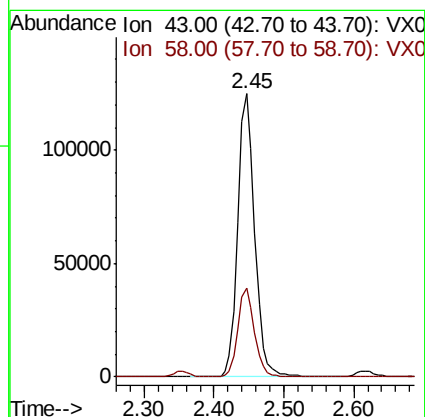
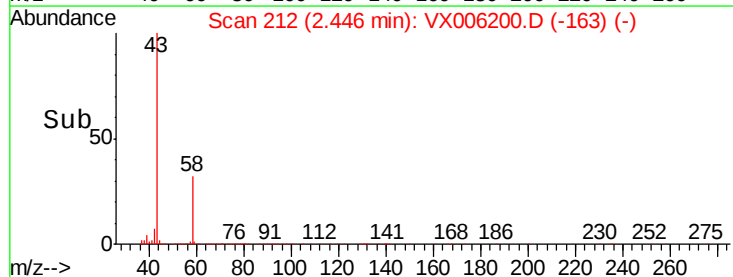


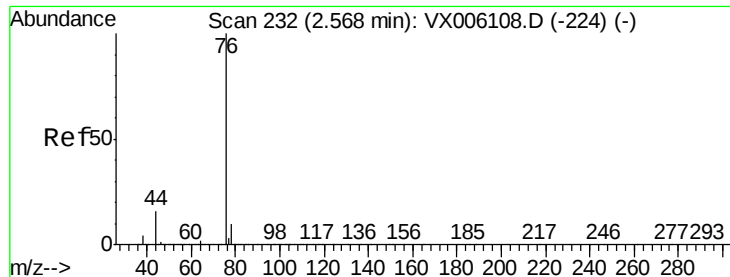
#16
 Acetone
 Concen: 157.111 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX006200.D
 Acq: 27 Nov 2018 03:11

Tgt Ion: 43 Resp: 210861
 Ion Ratio Lower Upper
 43 100
 58 31.4 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 0.484 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX006200.D

Acq: 27 Nov 2018 03:11

Instrument :

MSVOA_X

ClientSampleId :

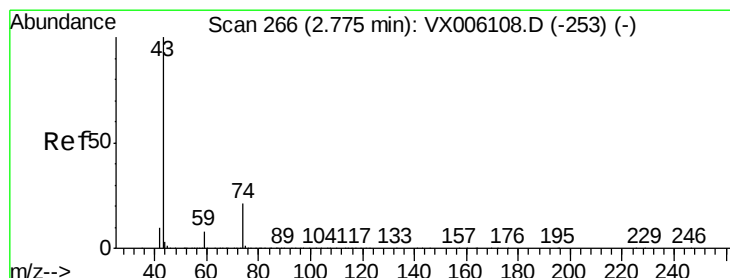
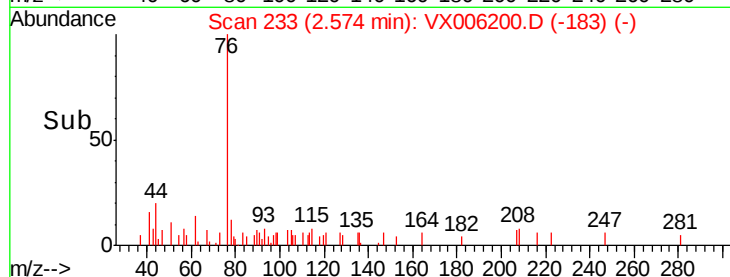
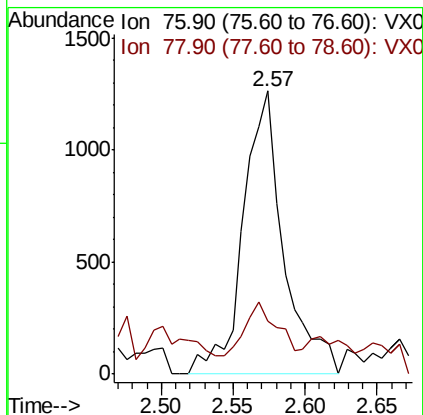
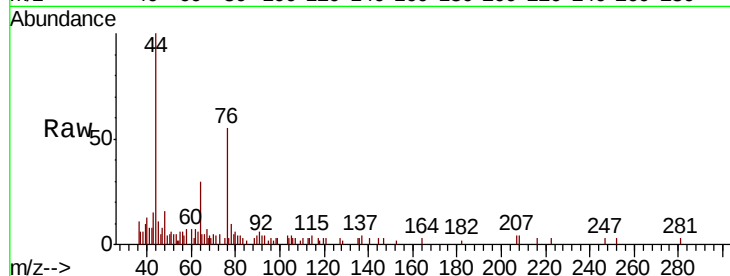
SU-03-112118-B

Tot Ion: 76 Resp: 2465

Ion Ratio Lower Upper

76 100

78 6.9 7.7 11.5#



#18

Methyl Acetate

Concen: 2.828 ug/l

RT: 2.79 min Scan# 269

Delta R.T. 0.02 min

Lab File: VX006200.D

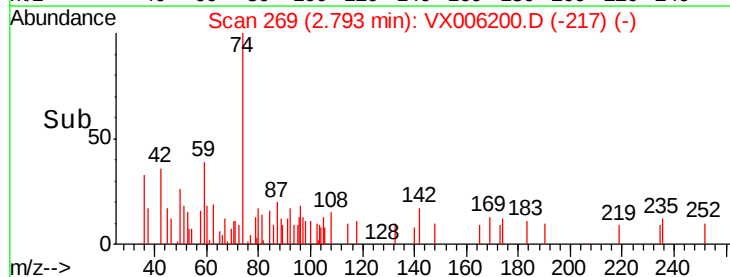
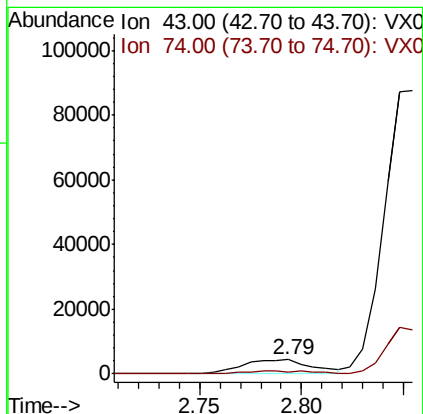
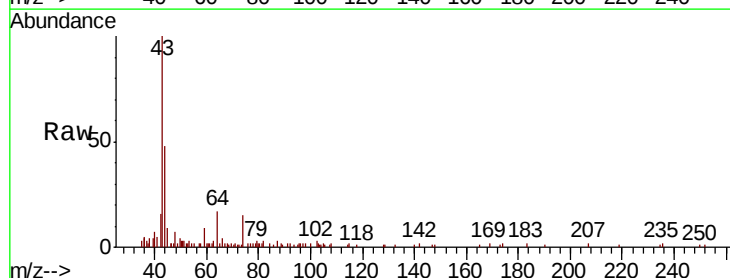
Acq: 27 Nov 2018 03:11

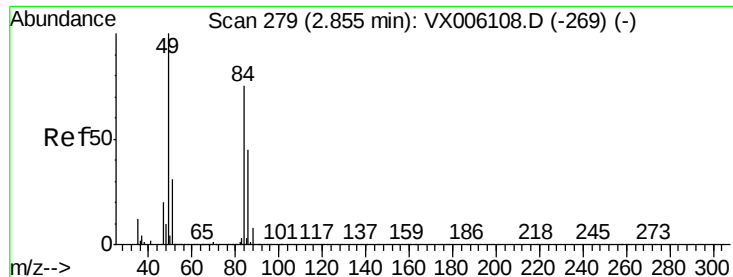
Tgt Ion: 43 Resp: 9733

Ion Ratio Lower Upper

43 100

74 21.3 17.3 25.9





#20

Methylene Chloride

Concen: 11022.738 ug/l

RT: 2.84 min Scan# 277

Delta R.T. -0.01 min

Lab File: VX006200.D

Acq: 27 Nov 2018 03:11

Instrument :

MSVOA_X

ClientSampleId :

SU-03-112118-B

Tot Ion: 84 Resp: 22236436

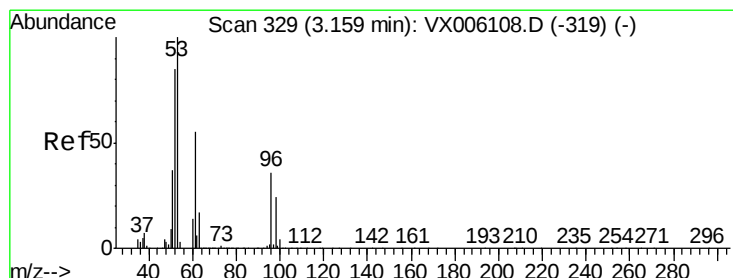
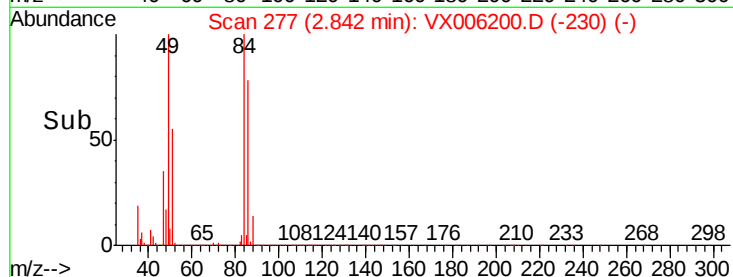
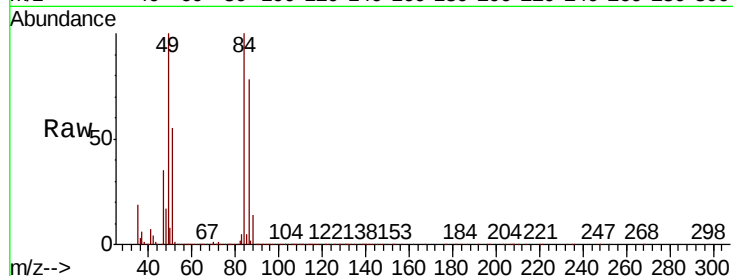
Ion Ratio Lower Upper

84 100

49 100.0 106.6 159.8#

51 55.4 32.6 49.0#

86 77.8 48.4 72.6#



#21

trans-1,2-Dichloroethene

Concen: 0.759 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX006200.D

Acq: 27 Nov 2018 03:11

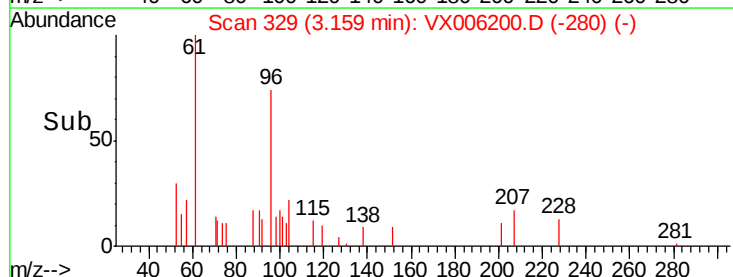
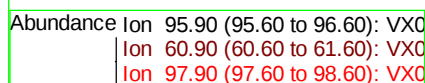
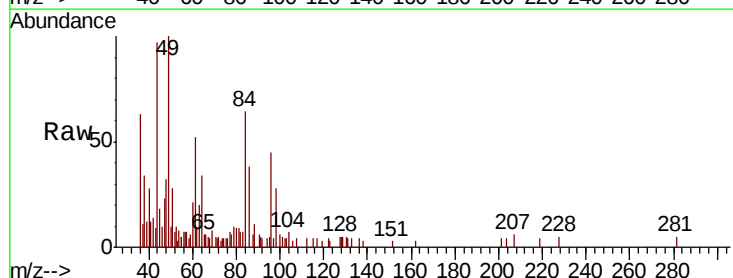
Tgt Ion: 96 Resp: 1497

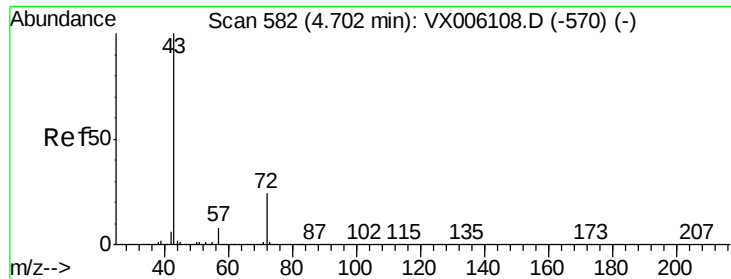
Ion Ratio Lower Upper

96 100

61 104.4 122.0 183.0#

98 61.3 52.7 79.1





#25

2-Butanone

Concen: 1.560 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX006200.D

Acq: 27 Nov 2018 03:11

Instrument :

MSVOA_X

ClientSampleId :

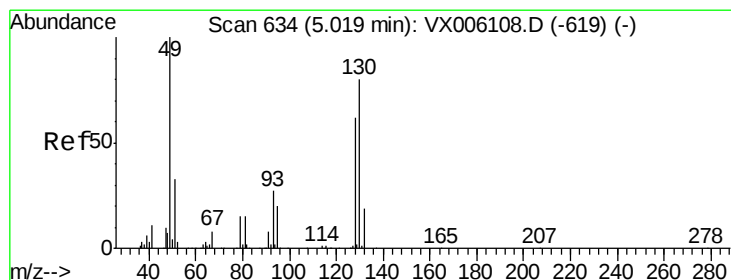
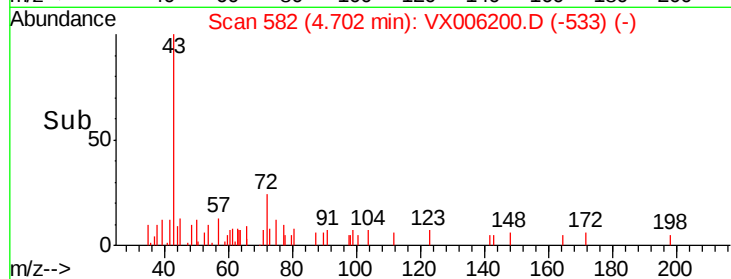
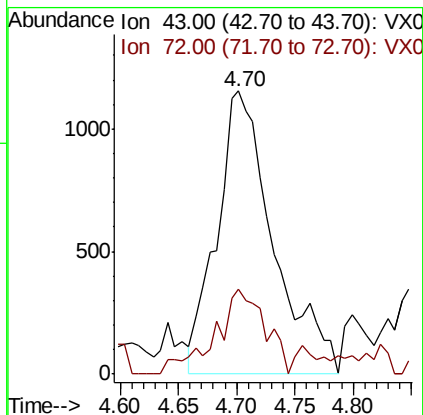
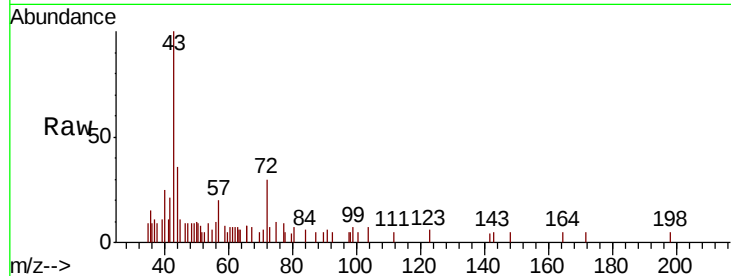
SU-03-112118-B

Tot Ion: 43 Resp: 3887

Ion Ratio Lower Upper

43 100

72 23.6 19.2 28.8



#28

Bromochloromethane

Concen: 1.335 ug/l

RT: 5.04 min Scan# 637

Delta R.T. 0.02 min

Lab File: VX006200.D

Acq: 27 Nov 2018 03:11

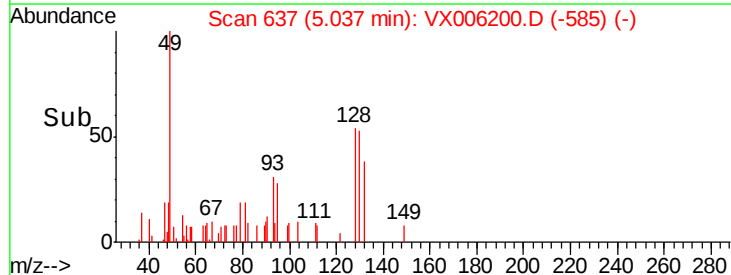
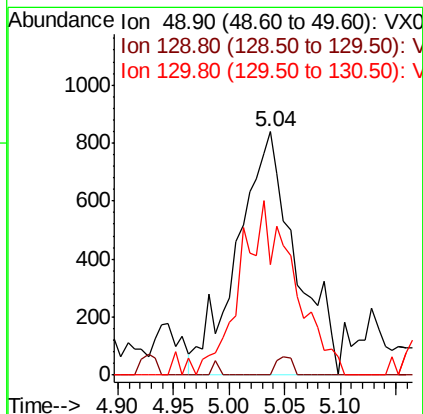
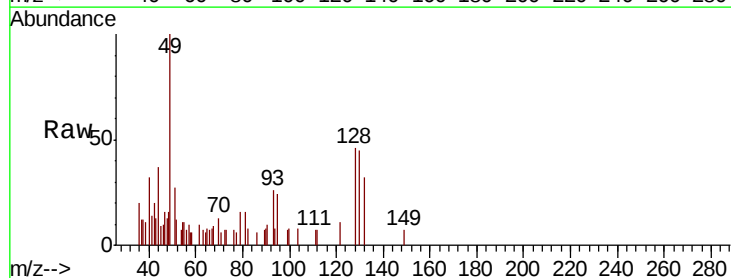
Tgt Ion: 49 Resp: 3026

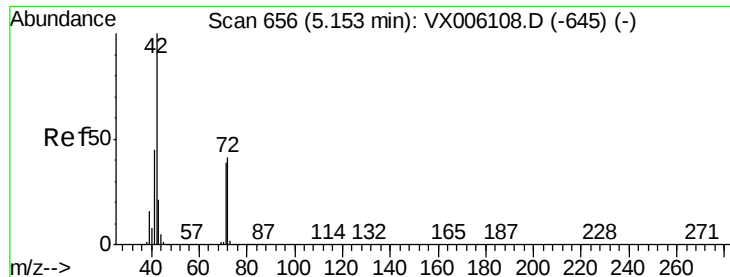
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.4

130 66.4 61.6 92.4





#29

Tetrahydrofuran

Concen: 0.747 ug/l

RT: 5.15 min Scan# 655

Delta R.T. -0.01 min

Lab File: VX006200.D

Acq: 27 Nov 2018 03:11

Instrument :

MSVOA_X

ClientSampleId :

SU-03-112118-B

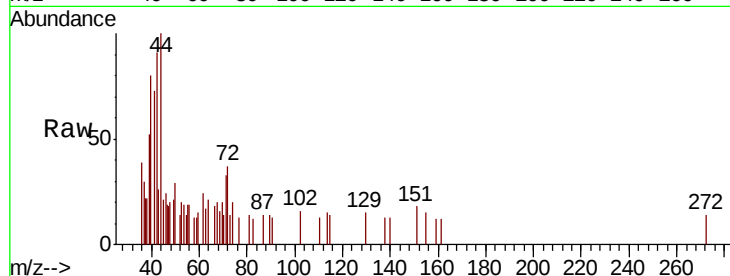
Tot Ion: 42 Resp: 1161

Ion Ratio Lower Upper

42 100

72 19.6 33.0 49.6#

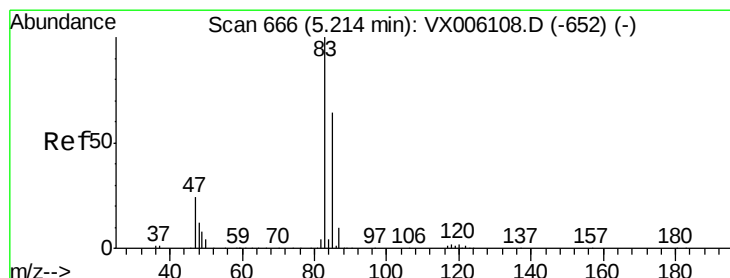
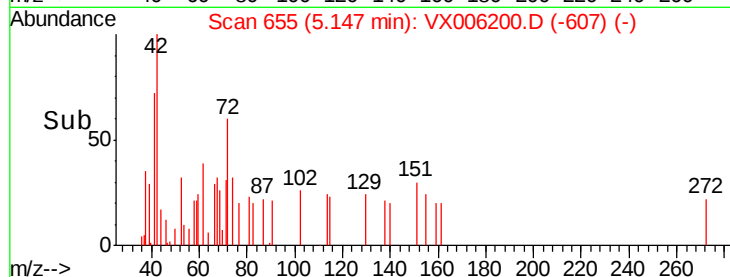
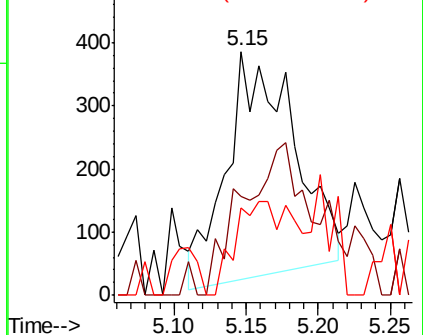
71 36.3 31.0 46.4



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



#30

Chloroform

Concen: 0.538 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX006200.D

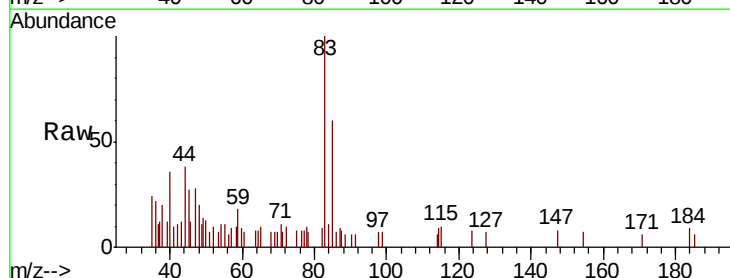
Acq: 27 Nov 2018 03:11

Tgt Ion: 83 Resp: 2536

Ion Ratio Lower Upper

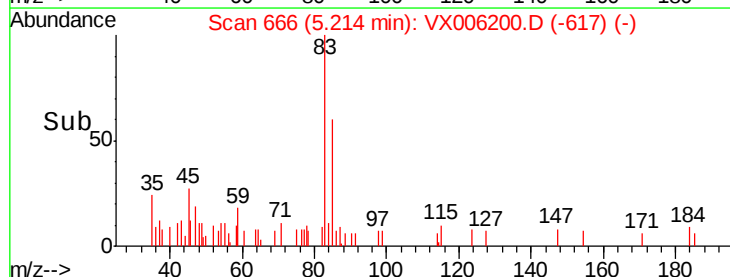
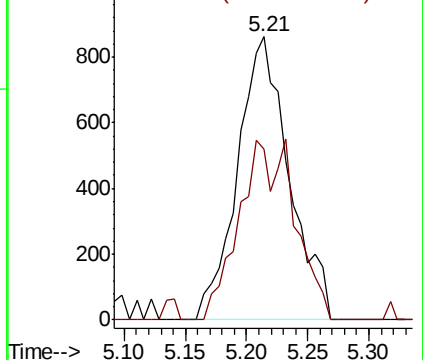
83 100

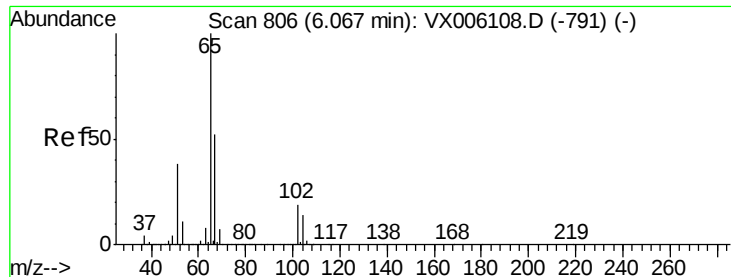
85 60.4 51.0 76.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 55.258 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX006200.D

Acq: 27 Nov 2018 03:11

Instrument :

MSVOA_X

ClientSampleId :

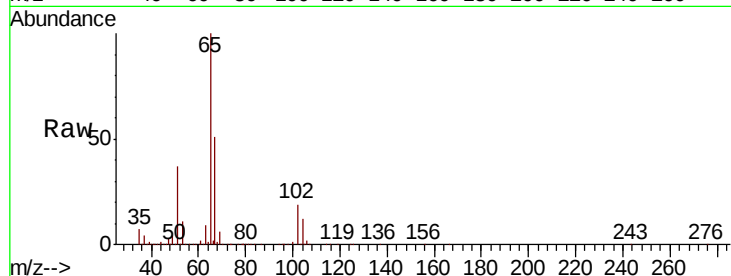
SU-03-112118-B

Tot Ion: 65 Resp: 167130

Ion Ratio Lower Upper

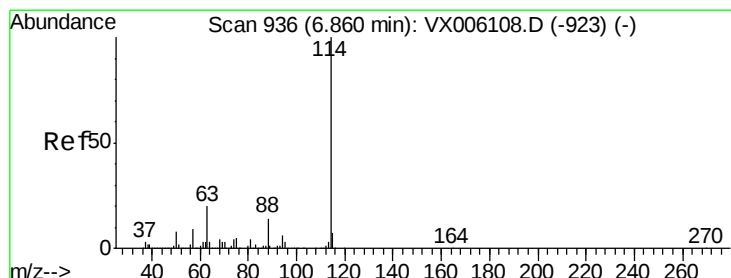
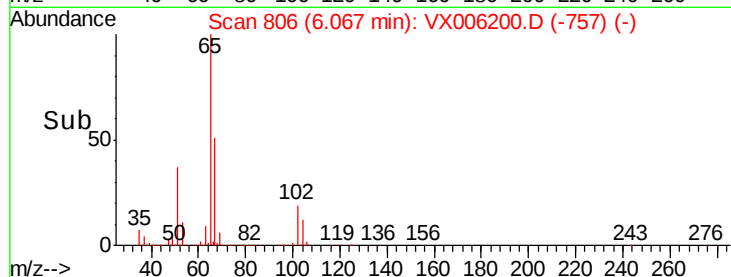
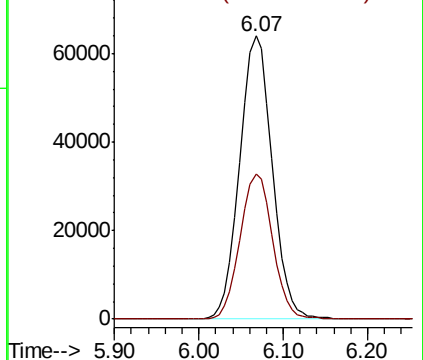
65 100

67 51.5 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006200.D

Acq: 27 Nov 2018 03:11

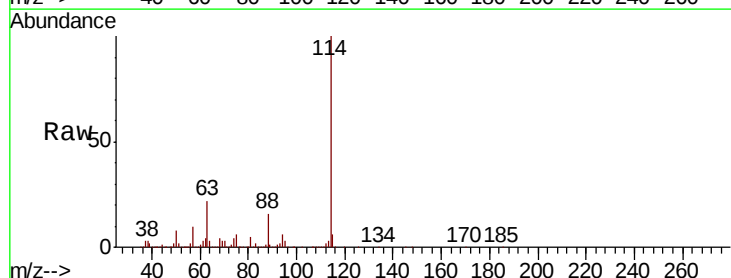
Tgt Ion: 114 Resp: 392757

Ion Ratio Lower Upper

114 100

63 21.5 0.0 39.2

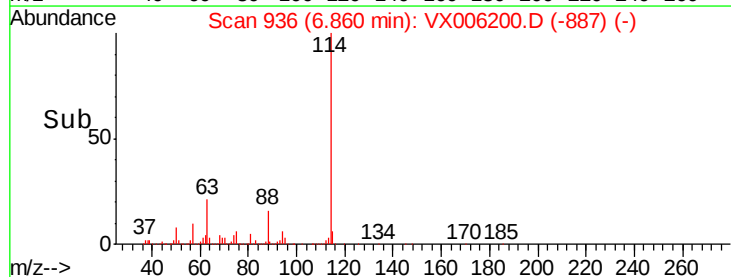
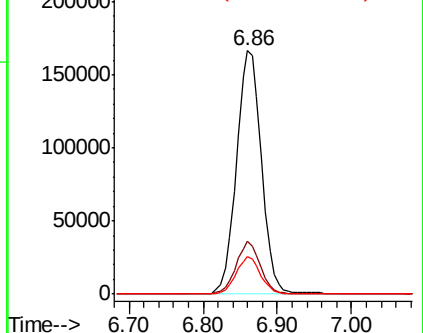
88 15.6 0.0 28.6

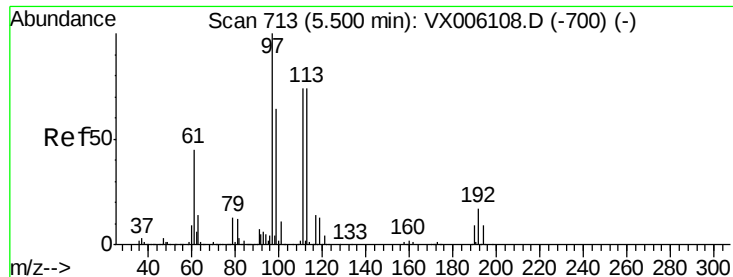


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 52.860 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006200.D

Acq: 27 Nov 2018 03:11

Instrument :

MSVOA_X

ClientSampleId :

SU-03-112118-B

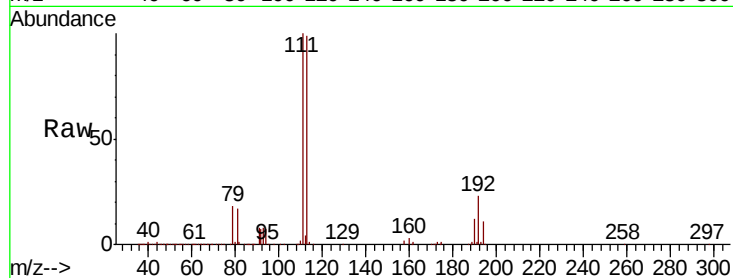
Tot Ion:113 Resp: 133270

Ion Ratio Lower Upper

113 100

111 102.6 81.5 122.3

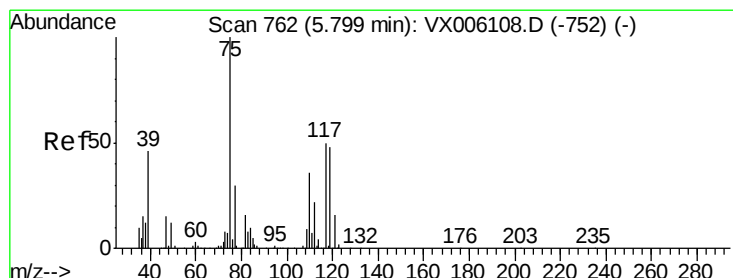
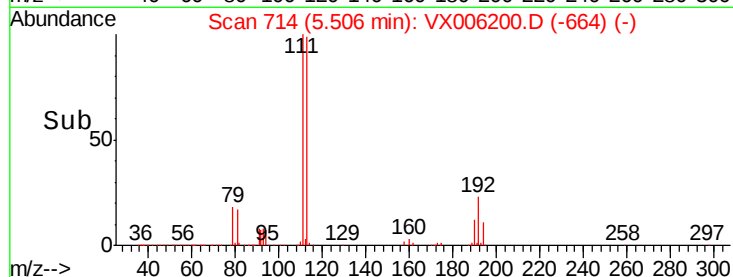
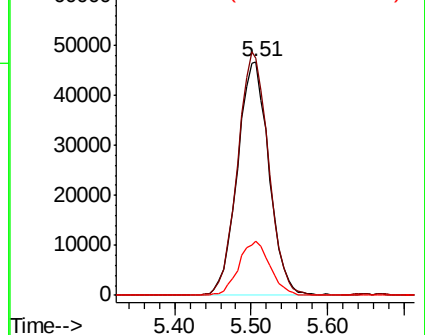
192 23.0 18.6 28.0



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: 5.418 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX006200.D

Acq: 27 Nov 2018 03:11

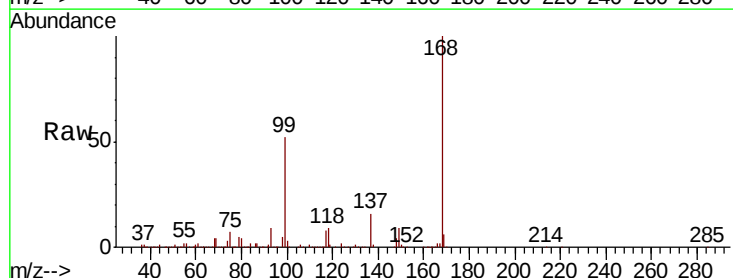
Tgt Ion: 75 Resp: 19358

Ion Ratio Lower Upper

75 100

110 9.8 17.8 53.3#

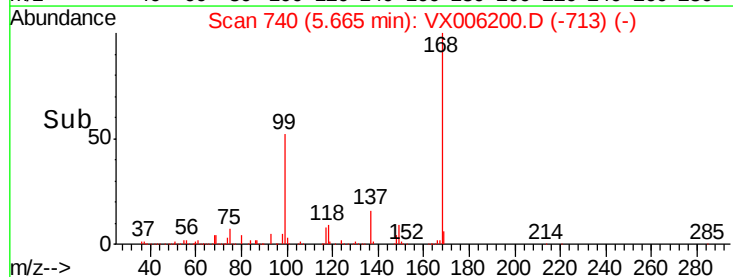
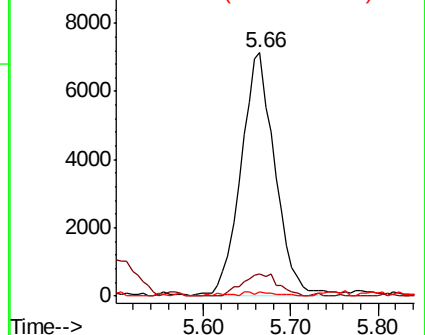
77 0.0 24.5 36.7#

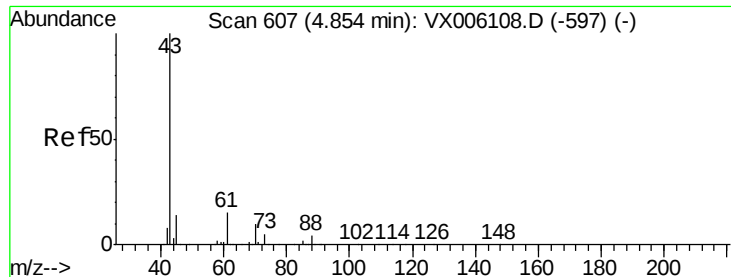


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 0.319 ug/l

RT: 4.86 min Scan# 608

Delta R.T. 0.01 min

Lab File: VX006200.D

Acq: 27 Nov 2018 03:11

Instrument :

MSVOA_X

ClientSampleId :

SU-03-112118-B

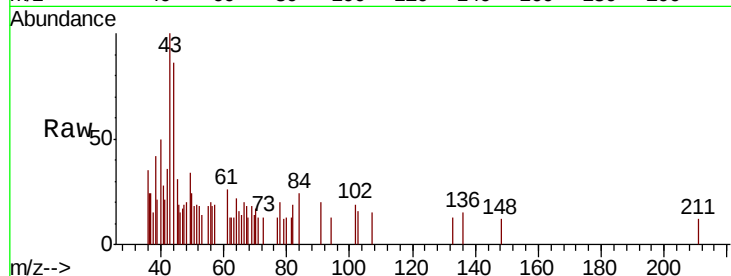
Tot Ion: 43 Resp: 1466

Ion Ratio Lower Upper

43 100

61 0.0 10.5 15.7#

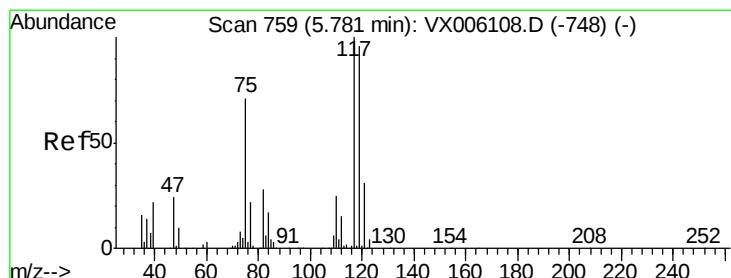
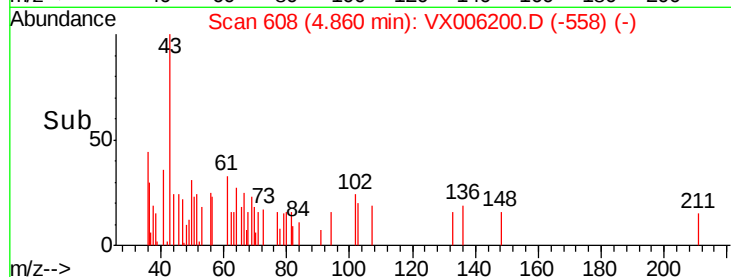
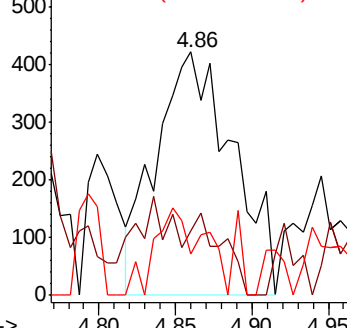
70 15.5 7.9 11.9#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 7.104 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX006200.D

Acq: 27 Nov 2018 03:11

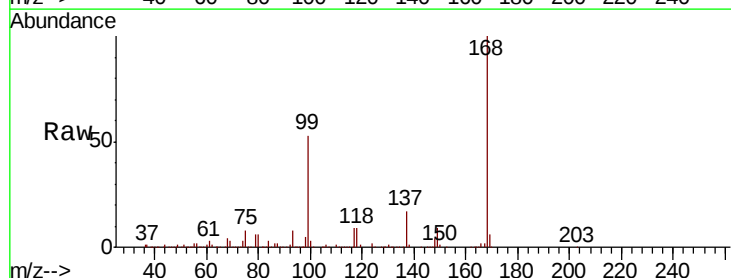
Tgt Ion: 117 Resp: 23857

Ion Ratio Lower Upper

117 100

119 6.7 76.3 114.5#

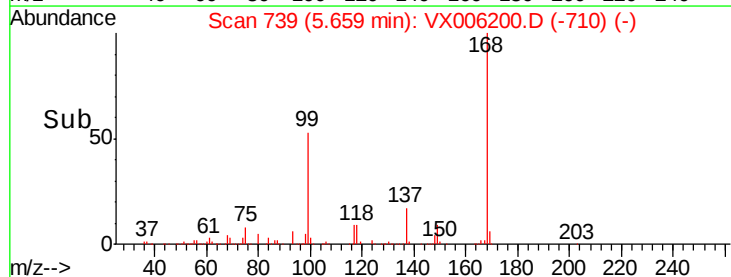
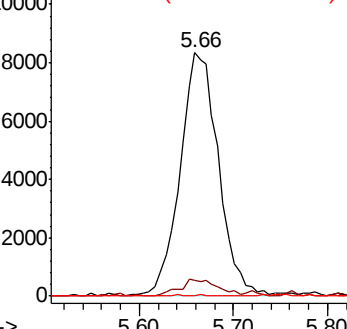
121 0.0 24.7 37.1#

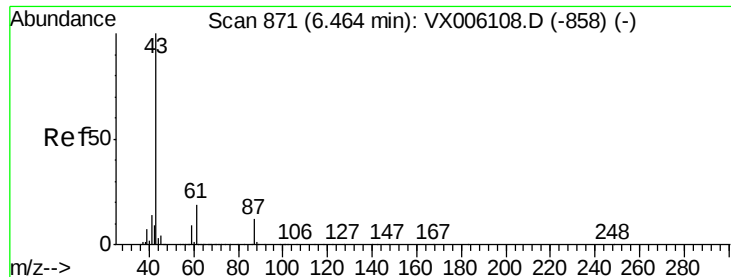


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

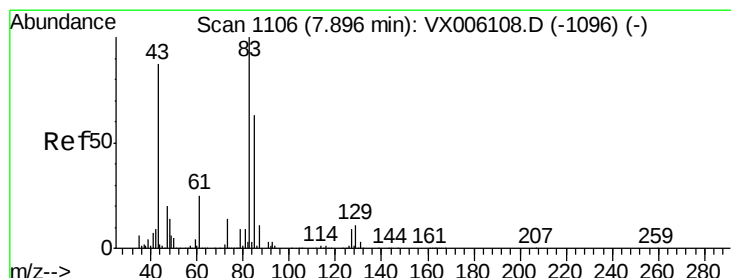
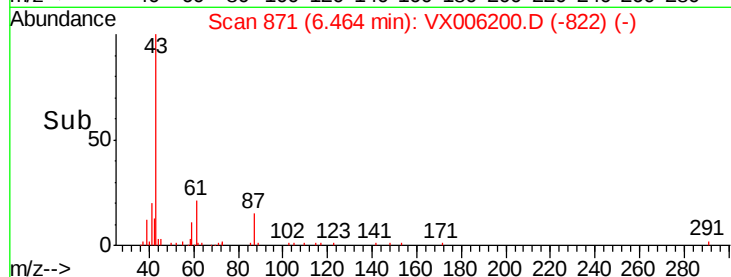
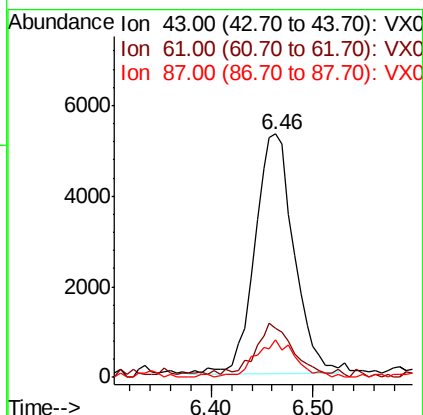
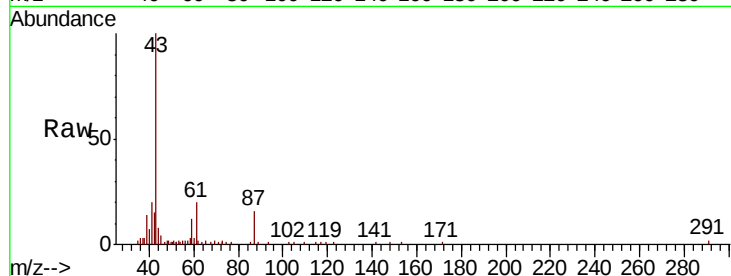




#43
Isopropyl Acetate
Concen: 2.123 ug/l
RT: 6.46 min Scan# 871
Delta R.T. -0.00 min
Lab File: VX006200.D
Acq: 27 Nov 2018 03:11

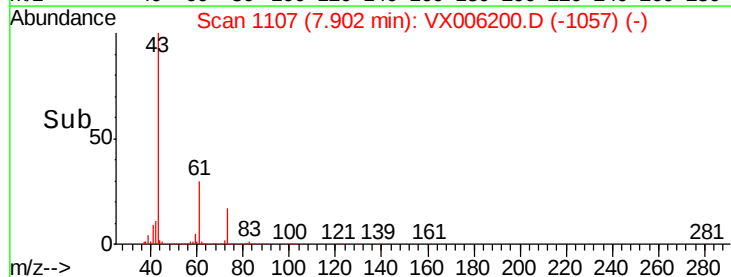
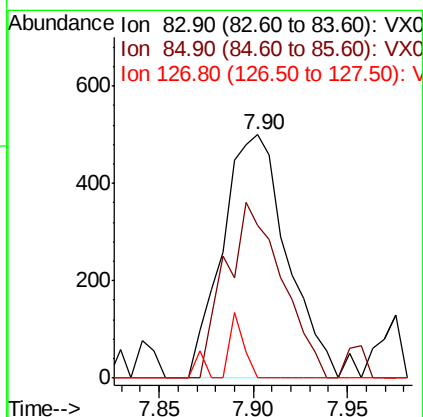
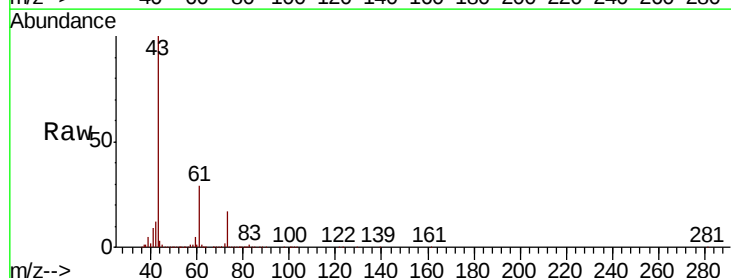
Instrument :
MSVOA_X
ClientSampleId :
SU-03-112118-B

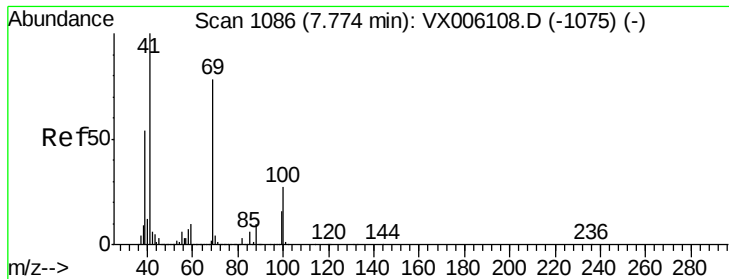
Tot Ion: 43 Resp: 14096
Ion Ratio Lower Upper
43 100
61 22.7 15.2 22.8
87 16.0 9.6 14.4#



#47
Bromodichloromethane
Concen: 0.335 ug/l
RT: 7.90 min Scan# 1107
Delta R.T. 0.01 min
Lab File: VX006200.D
Acq: 27 Nov 2018 03:11

Tgt Ion: 83 Resp: 1183
Ion Ratio Lower Upper
83 100
85 62.8 50.4 75.6
127 0.0 7.0 10.4#

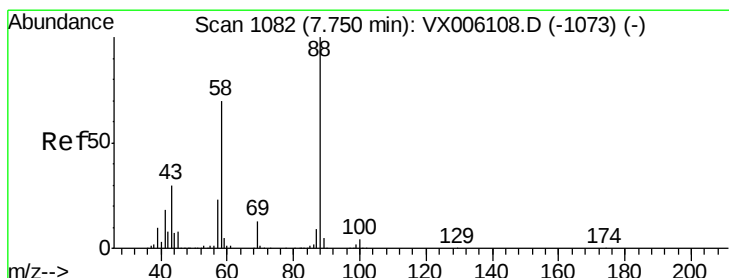
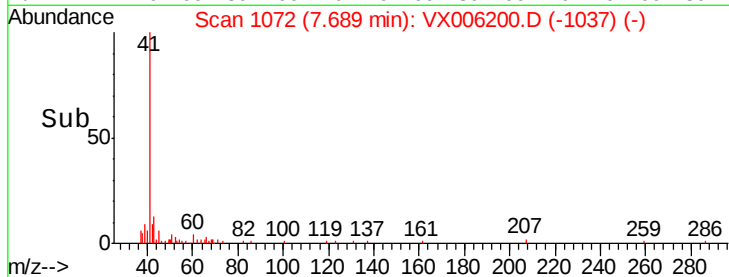
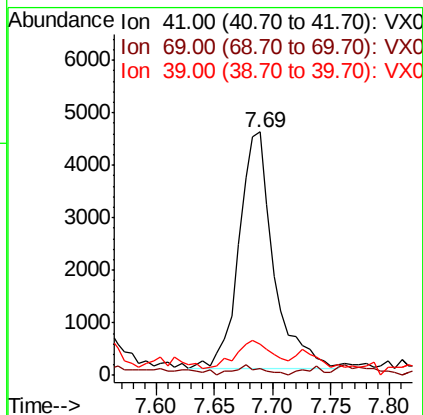
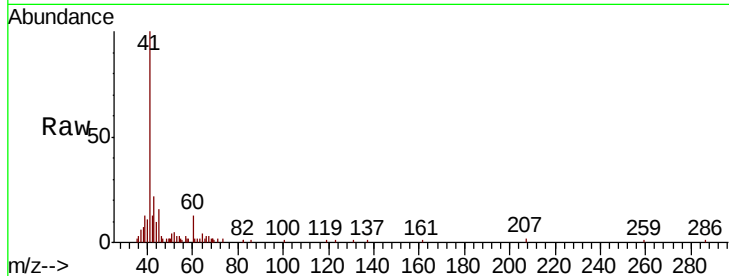




#48
Methvl methacrylate
Concen: 2.783 ug/l
RT: 7.69 min Scan# 1072
Delta R.T. -0.09 min
Lab File: VX006200.D
Acq: 27 Nov 2018 03:11

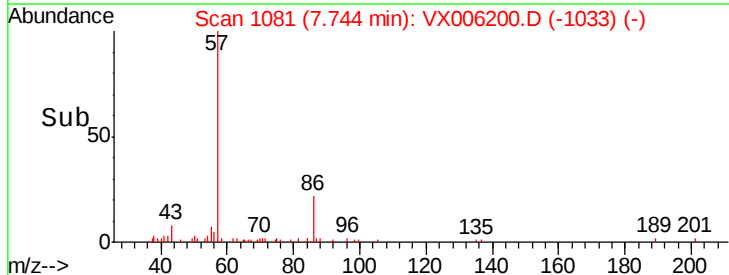
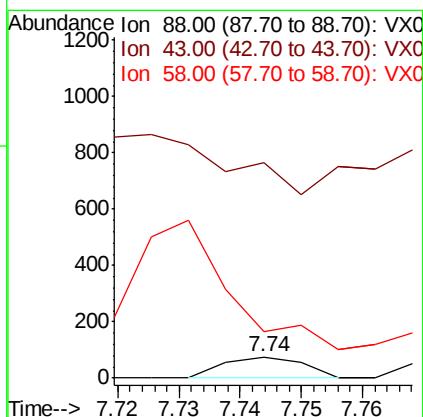
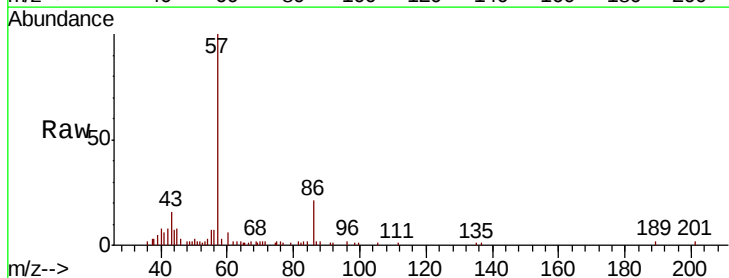
Instrument :
MSVOA_X
ClientSampleId :
SU-03-112118-B

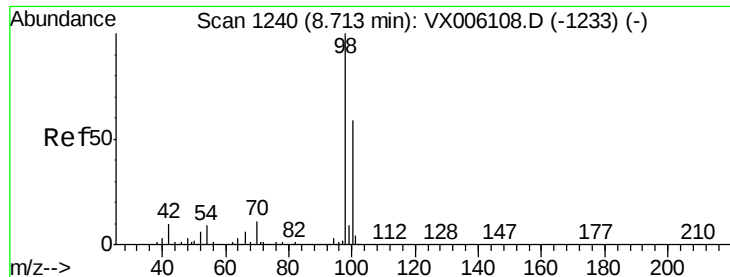
Tot Ion: 41 Resp: 9369
Ion Ratio Lower Upper
41 100
69 3.7 62.8 94.2#
39 0.0 43.8 65.6#



#49
1,4-Dioxane
Concen: 0.864 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. -0.01 min
Lab File: VX006200.D
Acq: 27 Nov 2018 03:11

Tgt Ion: 88 Resp: 69
Ion Ratio Lower Upper
88 100
43 0.0 26.7 40.1#
58 1447.8 58.5 87.7#





#50

Toluene-d8

Concen: 52.630 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006200.D

Acq: 27 Nov 2018 03:11

Instrument :

MSVOA_X

ClientSampleId :

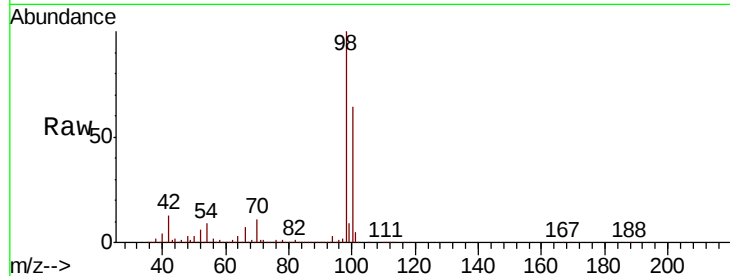
SU-03-112118-B

Tot Ion: 98 Resp: 506099

Ion Ratio Lower Upper

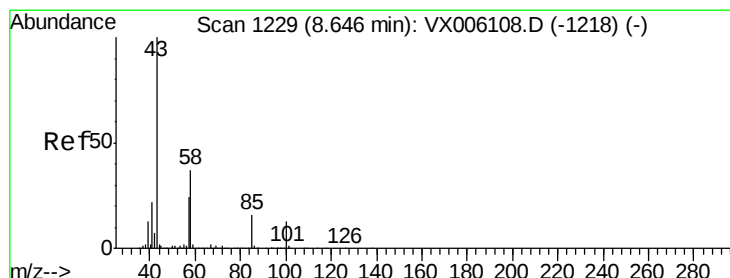
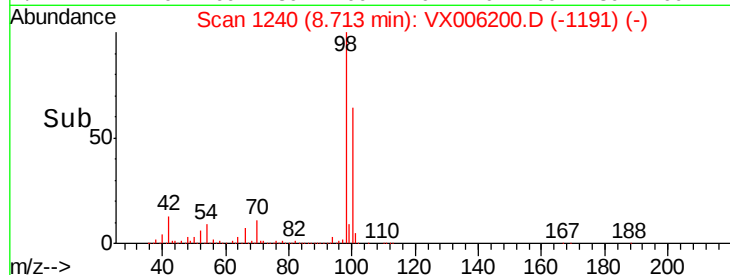
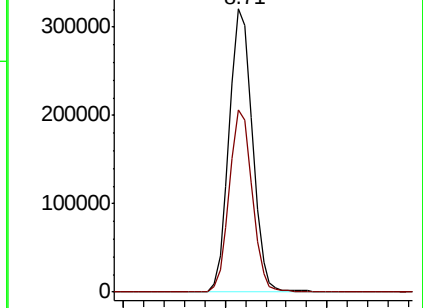
98 100

100 63.4 51.0 76.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#51

4-Methyl-2-Pentanone

Concen: 15.842 ug/l

RT: 8.62 min Scan# 1224

Delta R.T. -0.03 min

Lab File: VX006200.D

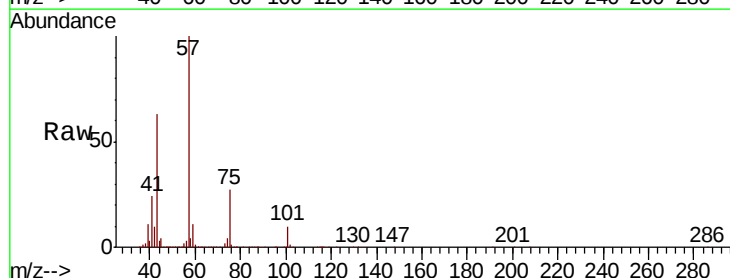
Acq: 27 Nov 2018 03:11

Tgt Ion: 43 Resp: 75397

Ion Ratio Lower Upper

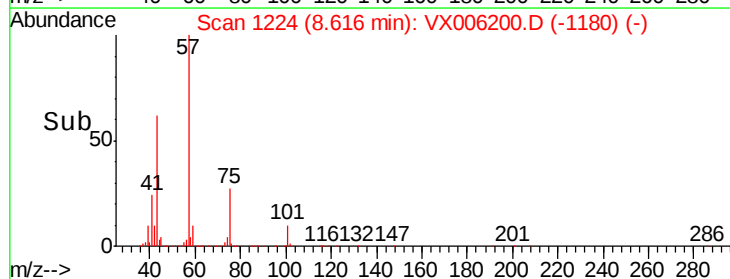
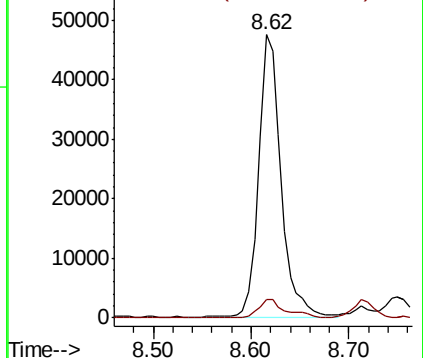
43 100

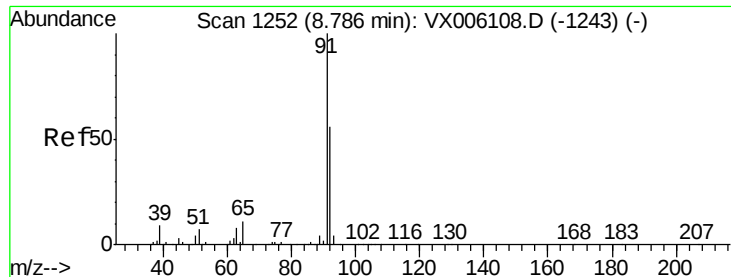
58 8.3 29.9 44.9#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#52

Toluene

Concen: 1.543 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX006200.D

Acq: 27 Nov 2018 03:11

Instrument :

MSVOA_X

ClientSampleId :

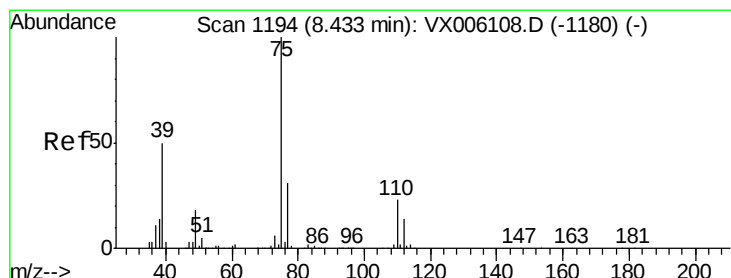
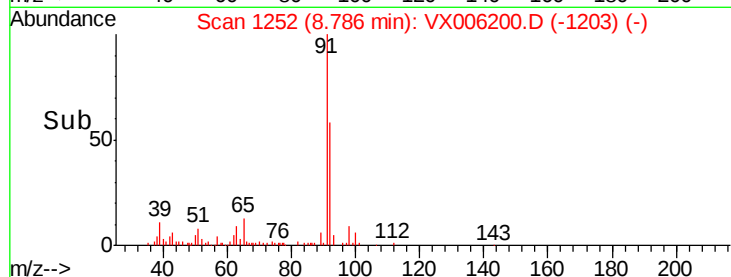
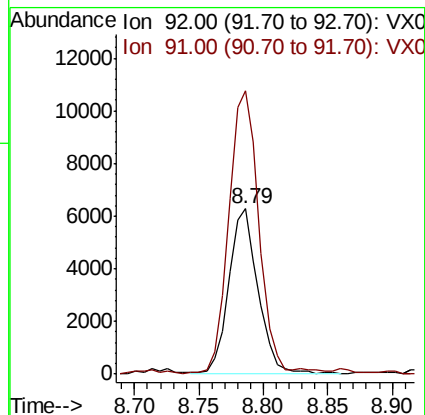
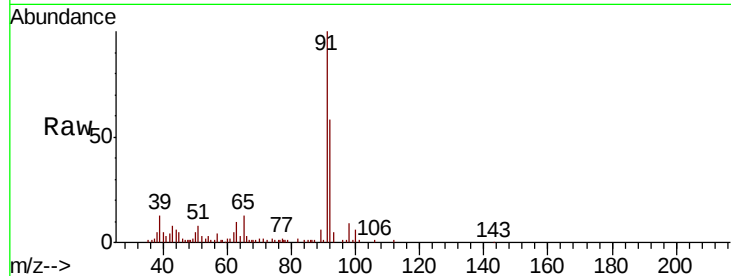
SU-03-112118-B

Tot Ion: 92 Resp: 10049

Ion Ratio Lower Upper

92 100

91 174.3 142.5 213.7



#54

cis-1,3-Dichloropropene

Concen: 7.738 ug/l

RT: 8.62 min Scan# 1225

Delta R.T. 0.19 min

Lab File: VX006200.D

Acq: 27 Nov 2018 03:11

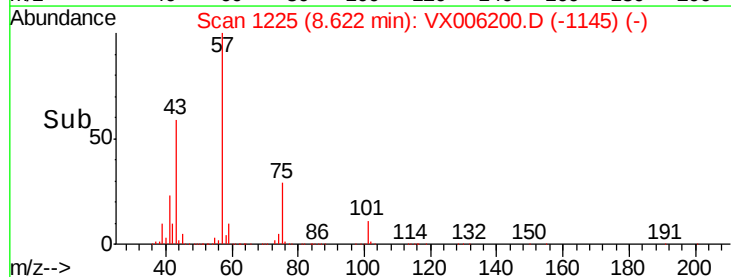
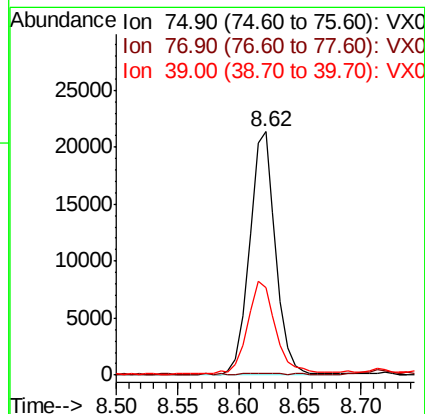
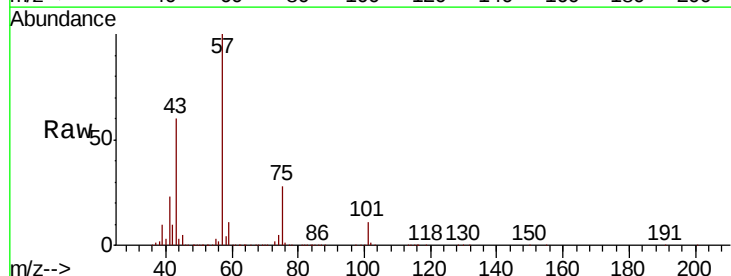
Tgt Ion: 75 Resp: 31499

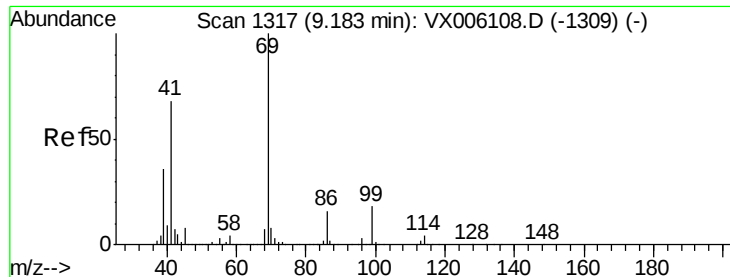
Ion Ratio Lower Upper

75 100

77 0.7 24.7 37.1#

39 35.3 40.3 60.5#





#56

Ethyl methacrylate

Concen: 2.905 ug/l

RT: 9.21 min Scan# 1321

Delta R.T. 0.02 min

Lab File: VX006200.D

Acq: 27 Nov 2018 03:11

Instrument :

MSVOA_X

ClientSampleId :

SU-03-112118-B

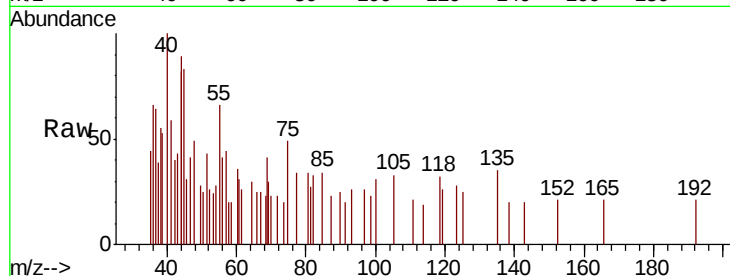
Tot Ion: 69 Resp: 183

Ion Ratio Lower Upper

69 100

41 0.0 56.2 84.4#

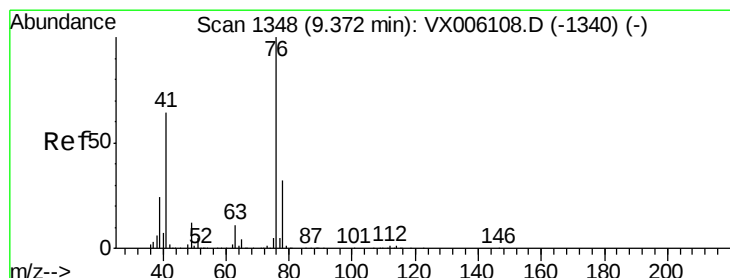
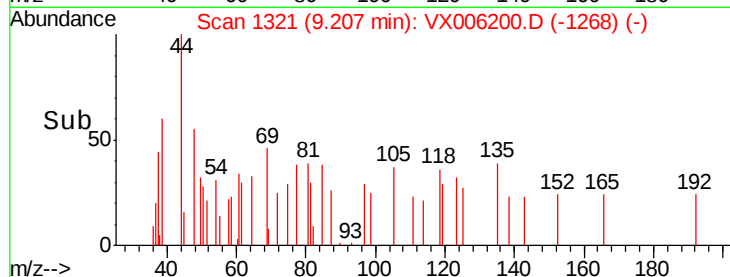
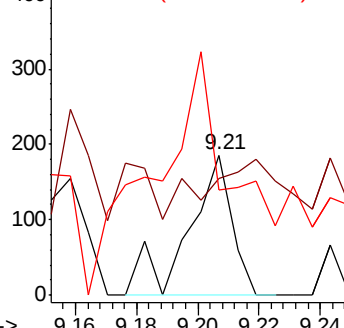
39 321.3 29.4 44.0#



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#57

1,3-Dichloropropane

Concen: 1.426 ug/l

RT: 9.54 min Scan# 1376

Delta R.T. 0.17 min

Lab File: VX006200.D

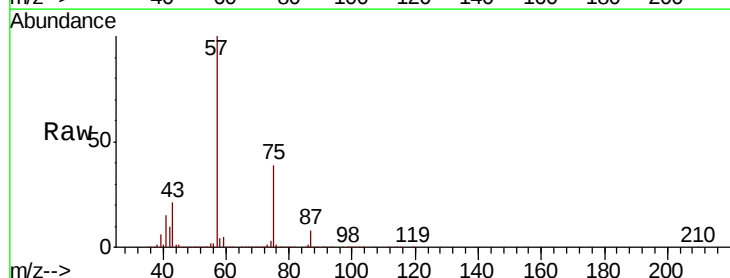
Acq: 27 Nov 2018 03:11

Tgt Ion: 76 Resp: 6628

Ion Ratio Lower Upper

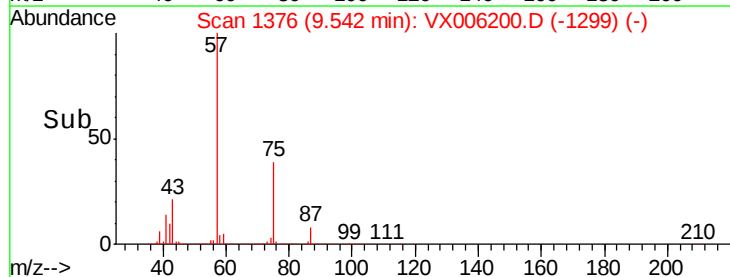
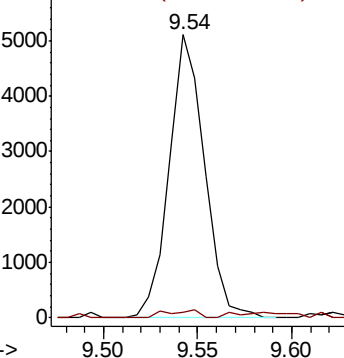
76 100

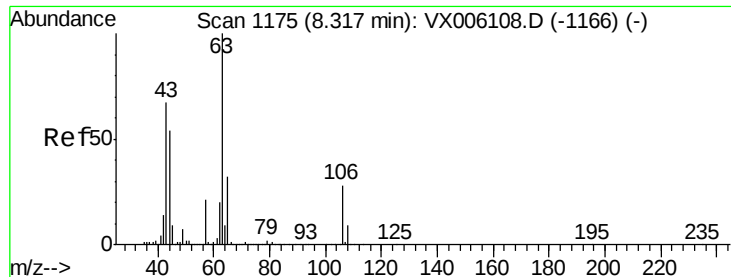
78 2.5 25.7 38.5#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

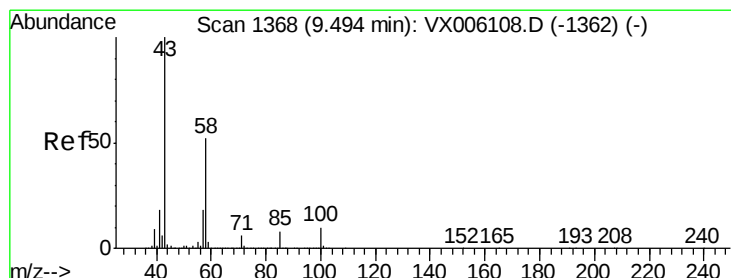
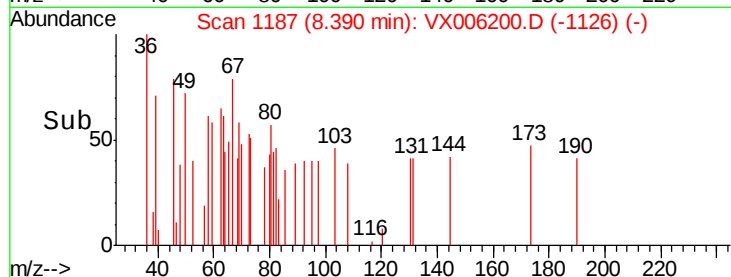
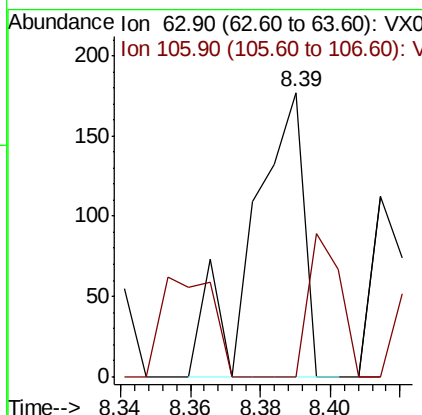
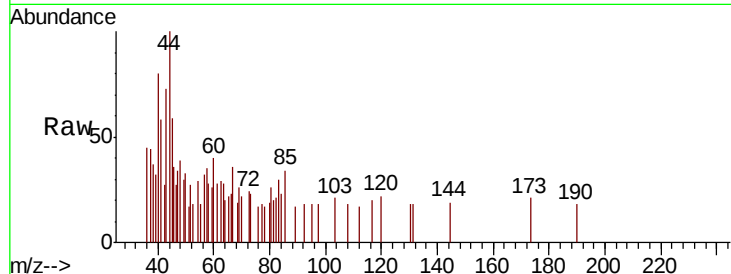




#58
 2-Chloroethyl Vinyl ether
 Concen: 6.793 ug/l
 RT: 8.39 min Scan# 1187
 Delta R.T. 0.07 min
 Lab File: VX006200.D
 Acq: 27 Nov 2018 03:11

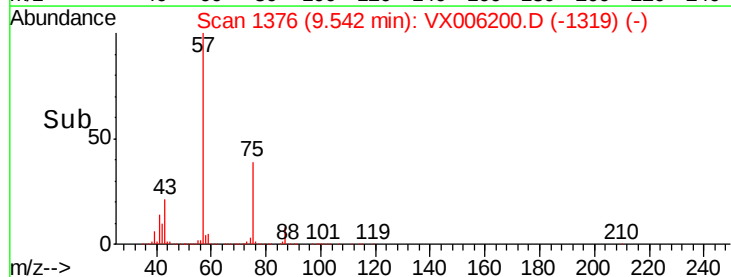
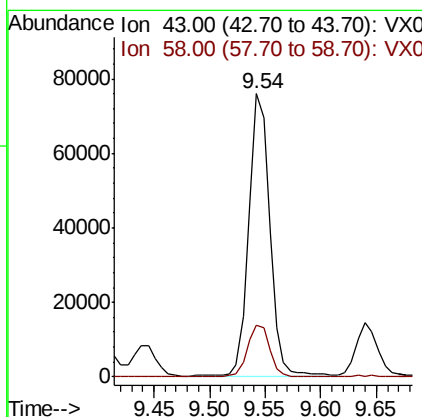
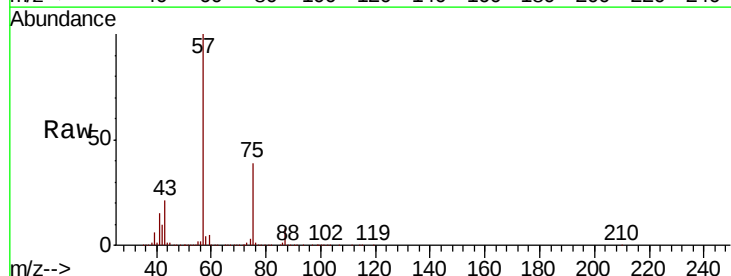
Instrument :
 MSVOA_X
 ClientSampleId :
 SU-03-112118-B

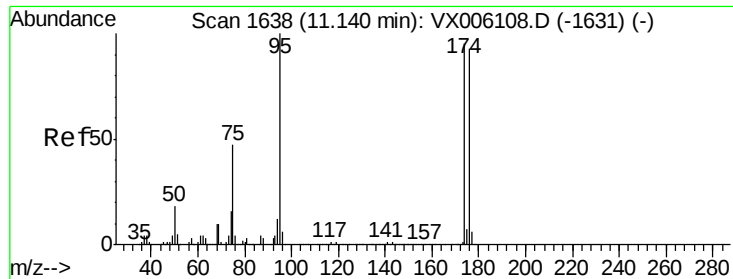
Tot Ion: 63 Resp: 180
 Ion Ratio Lower Upper
 63 100
 106 31.7 21.7 32.5



#59
 2-Hexanone
 Concen: 26.522 ug/l
 RT: 9.54 min Scan# 1376
 Delta R.T. 0.05 min
 Lab File: VX006200.D
 Acq: 27 Nov 2018 03:11

Tgt Ion: 43 Resp: 100176
 Ion Ratio Lower Upper
 43 100
 58 18.8 26.3 78.9#

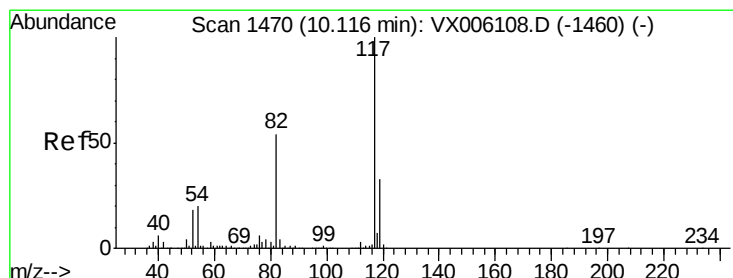
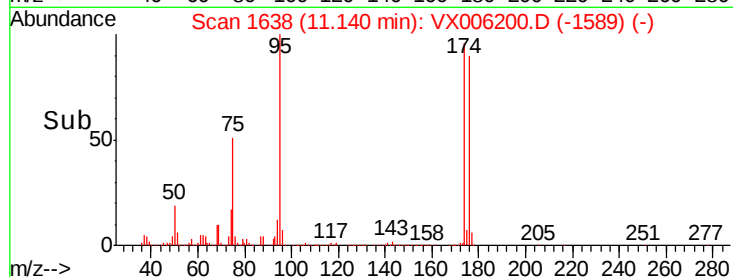
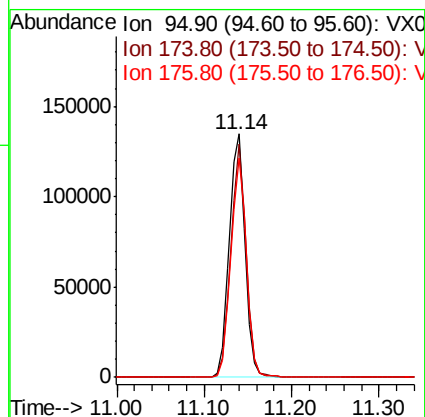
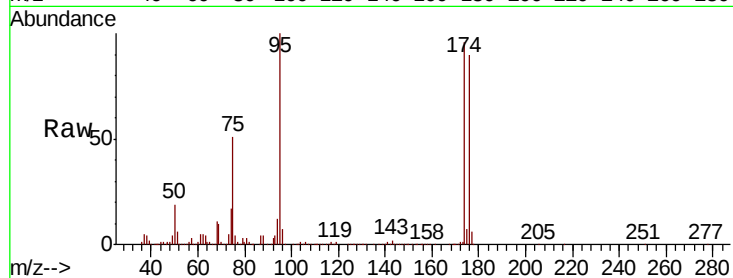




#62
4-Bromofluorobenzene
Concen: 46.750 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX006200.D
Acq: 27 Nov 2018 03:11

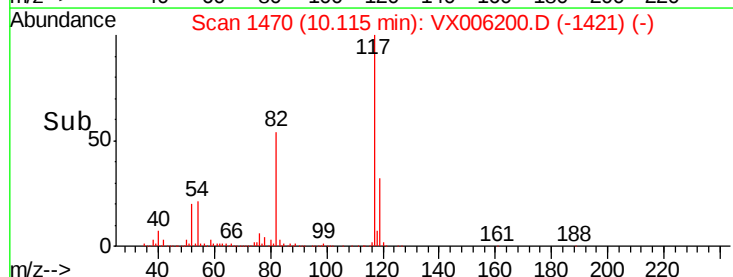
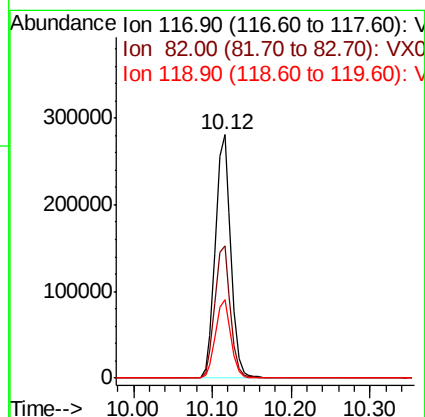
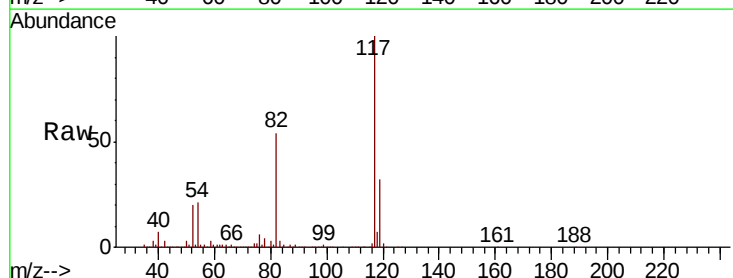
Instrument :
MSVOA_X
ClientSampleId :
SU-03-112118-B

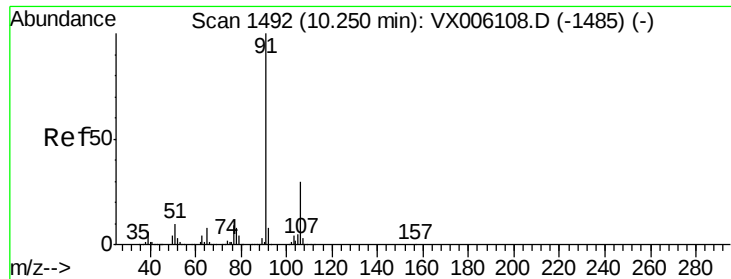
Tot Ion: 95 Resp: 168676
Ion Ratio Lower Upper
95 100
174 93.2 0.0 184.4
176 89.4 0.0 179.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX006200.D
Acq: 27 Nov 2018 03:11

Tgt Ion: 117 Resp: 383935
Ion Ratio Lower Upper
117 100
82 54.1 43.0 64.4
119 32.3 26.1 39.1





#67

Ethyl Benzene

Concen: 0.510 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX006200.D

Acq: 27 Nov 2018 03:11

Instrument :

MSVOA_X

ClientSampleId :

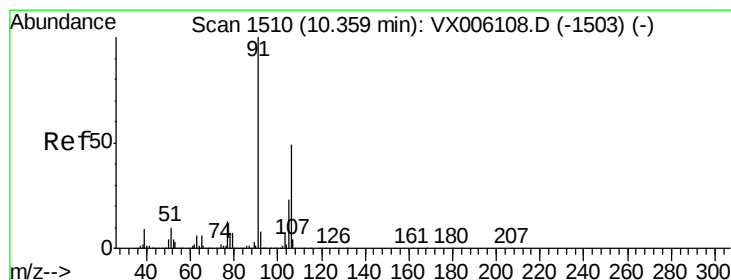
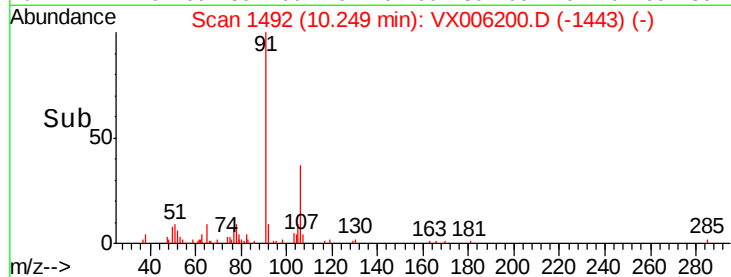
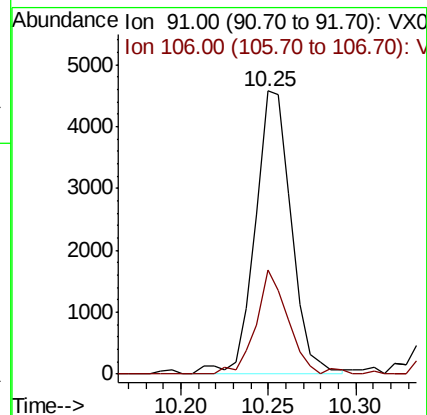
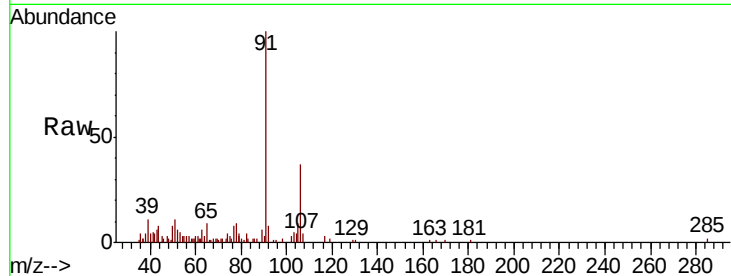
SU-03-112118-B

Tot Ion: 91 Resp: 6571

Ion Ratio Lower Upper

91 100

106 35.4 24.4 36.6



#68

m/p-Xylenes

Concen: 1.964 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX006200.D

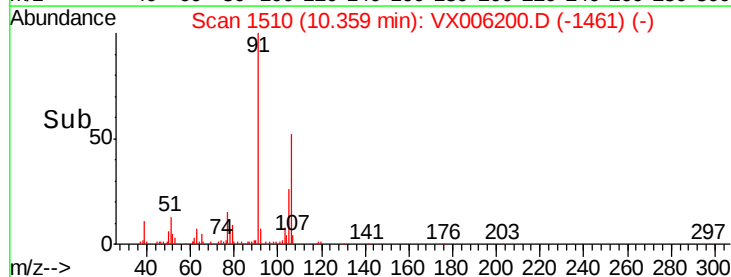
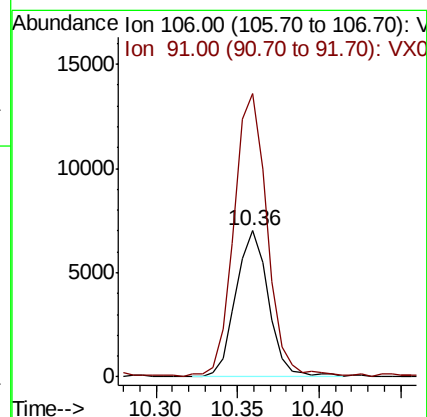
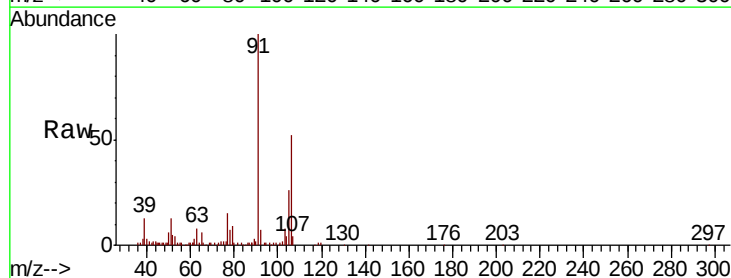
Acq: 27 Nov 2018 03:11

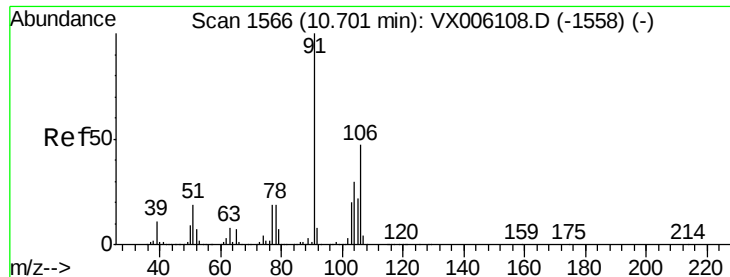
Tgt Ion: 106 Resp: 9864

Ion Ratio Lower Upper

106 100

91 197.9 162.0 243.0

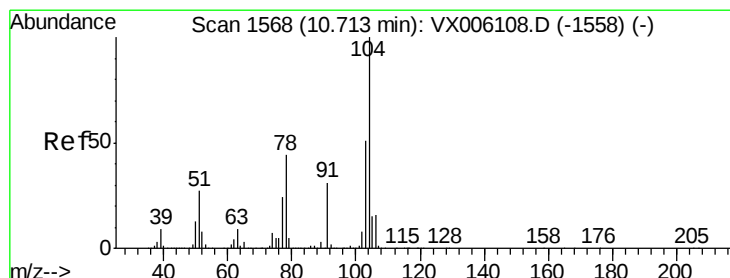
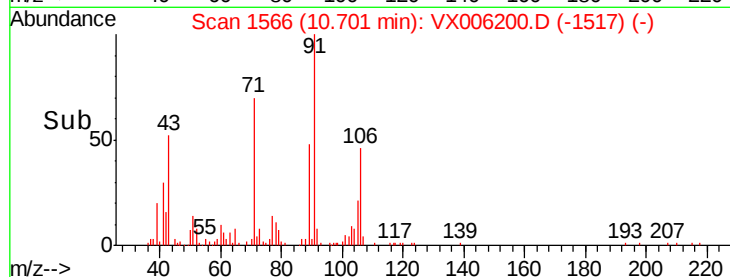
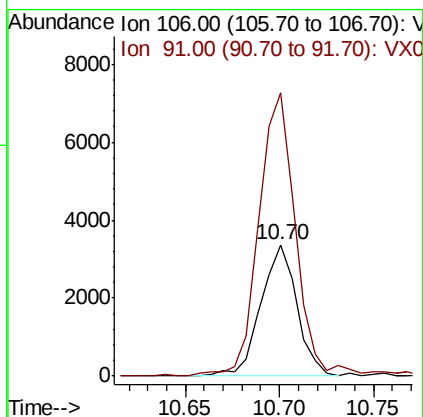
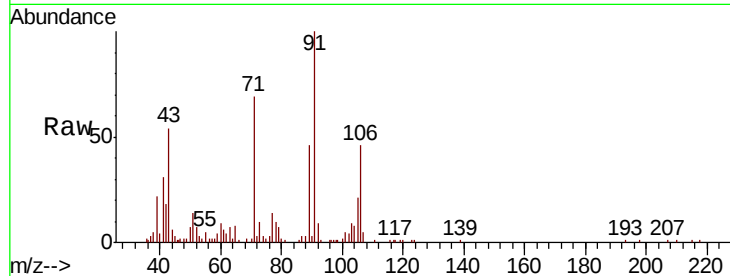




#69
o-Xylene
Concen: 0.934 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006200.D
Acq: 27 Nov 2018 03:11

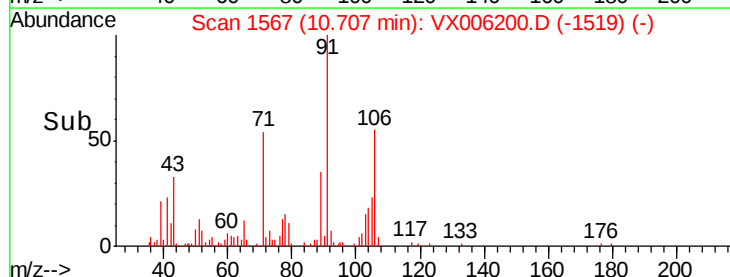
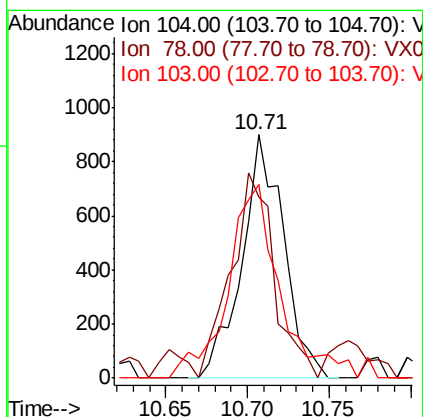
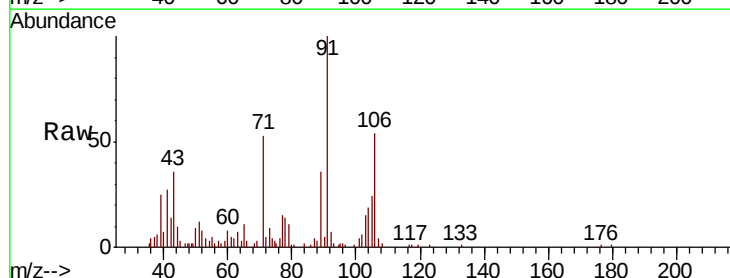
Instrument :
MSVOA_X
ClientSampled :
SU-03-112118-B

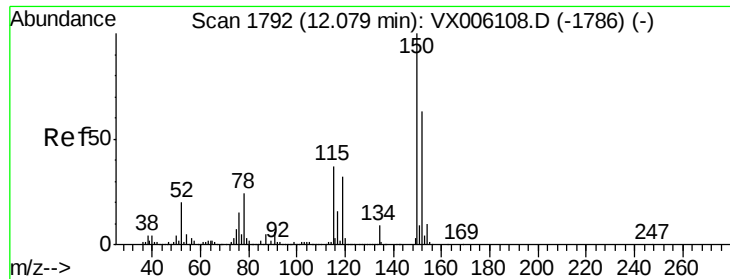
Tot Ion:106 Resp: 4478
Ion Ratio Lower Upper
106 100
91 219.3 107.4 322.2



#70
Styrene
Concen: 0.205 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX006200.D
Acq: 27 Nov 2018 03:11

Tgt Ion:104 Resp: 1604
Ion Ratio Lower Upper
104 100
78 87.6 39.4 59.2#
103 98.8 44.6 67.0#

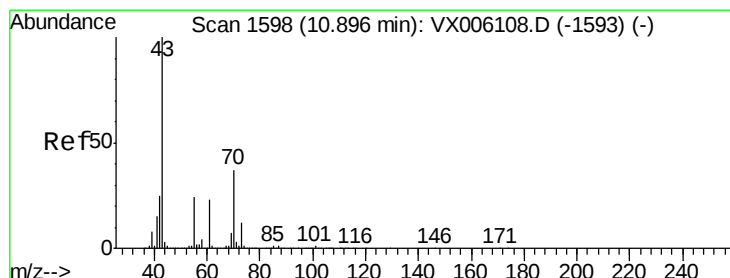
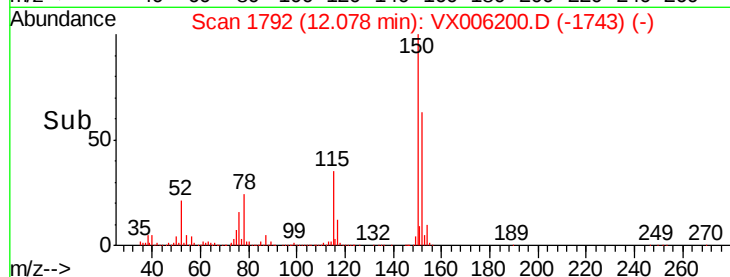
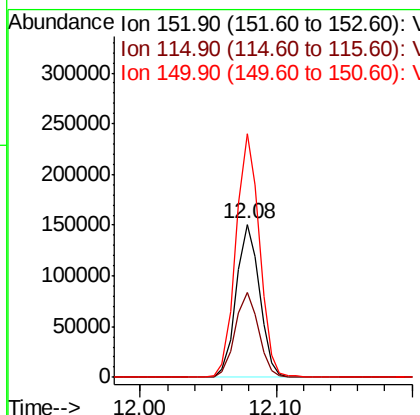
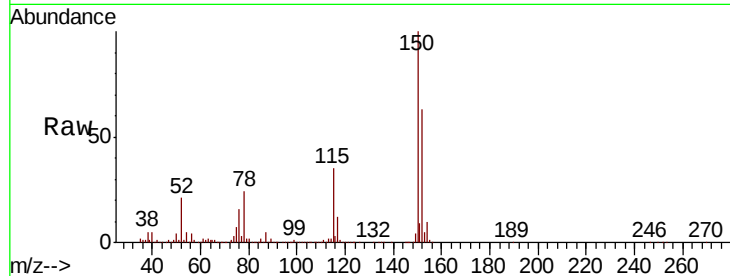




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX006200.D
 Acq: 27 Nov 2018 03:11

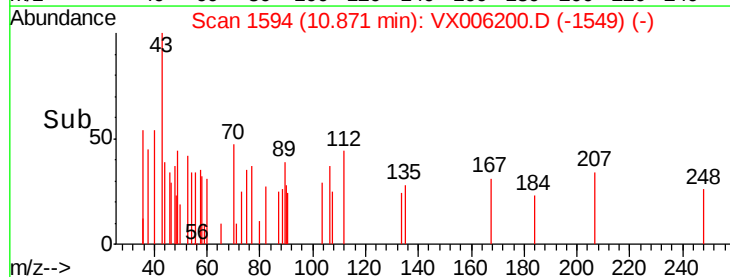
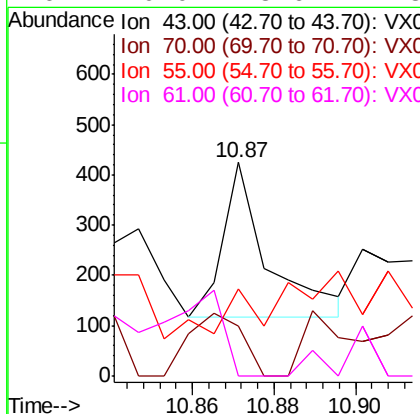
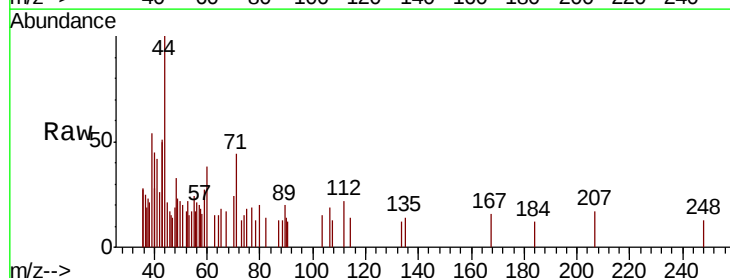
Instrument :
 MSVOA_X
 ClientSampleId :
 SU-03-112118-B

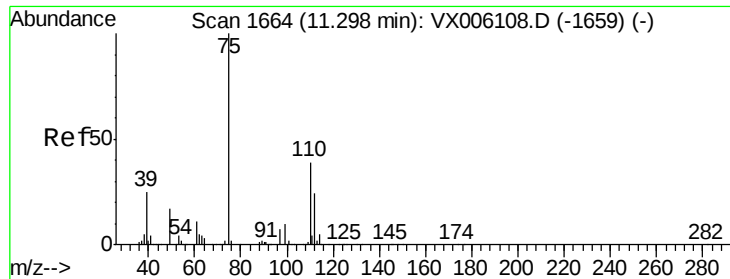
Tot Ion:152 Resp: 181315
 Ion Ratio Lower Upper
 152 100
 115 55.5 39.0 116.9
 150 159.7 0.0 346.6



#74
 N-ethyl acetate
 Concen: 2.233 ug/l
 RT: 10.87 min Scan# 1594
 Delta R.T. -0.02 min
 Lab File: VX006200.D
 Acq: 27 Nov 2018 03:11

Tgt Ion: 43 Resp: 235
 Ion Ratio Lower Upper
 43 100
 70 48.1 31.8 47.6#
 55 0.0 19.5 29.3#
 61 0.0 18.6 27.8#

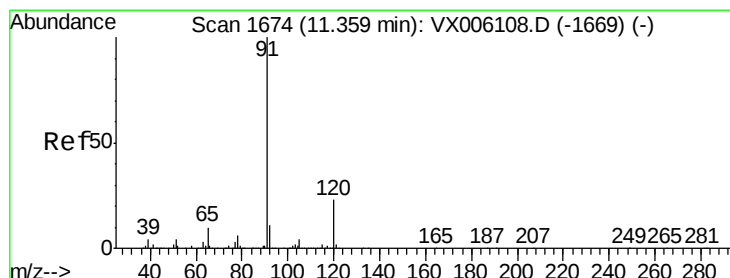
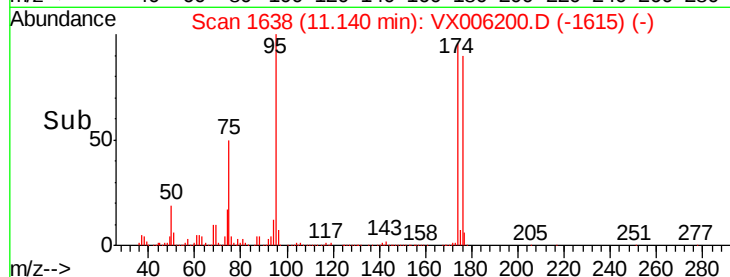
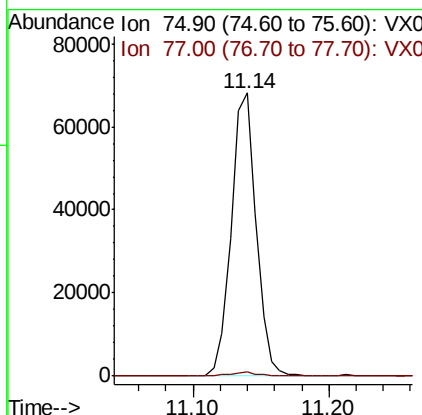
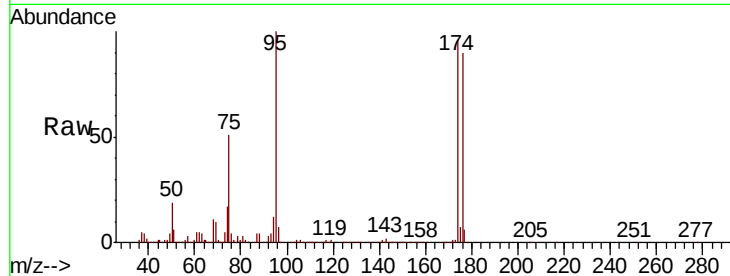




#76
 1,2,3-Trichloropropane
 Concen: 23.221 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. -0.16 min
 Lab File: VX006200.D
 Acq: 27 Nov 2018 03:11

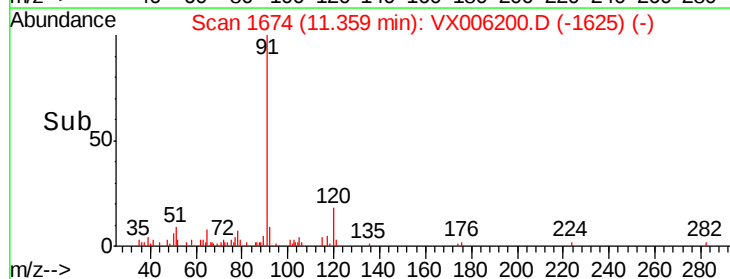
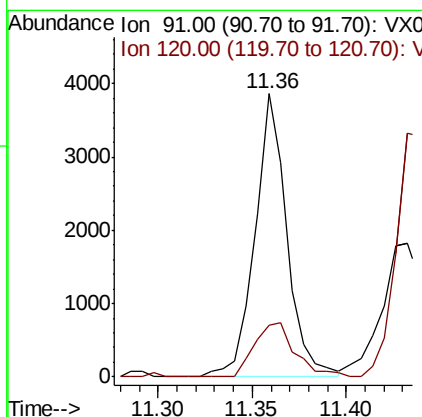
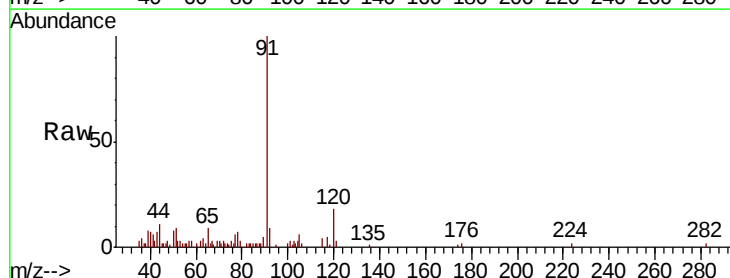
Instrument :
 MSVOA_X
 ClientSampleId :
 SU-03-112118-B

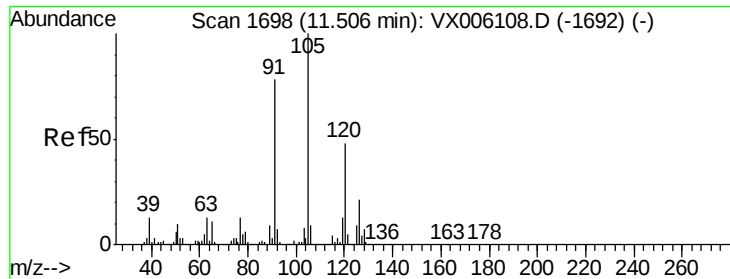
Tot Ion: 75 Resp: 86683
 Ion Ratio Lower Upper
 75 100
 77 1.5 19.6 58.7#



#78
 n-propylbenzene
 Concen: 0.355 ug/l
 RT: 11.36 min Scan# 1674
 Delta R.T. -0.00 min
 Lab File: VX006200.D
 Acq: 27 Nov 2018 03:11

Tgt Ion: 91 Resp: 4533
 Ion Ratio Lower Upper
 91 100
 120 24.0 11.8 35.3





#80

1,3,5-Trimethylbenzene

Concen: 0.910 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX006200.D

Acq: 27 Nov 2018 03:11

Instrument :

MSVOA_X

ClientSampleId :

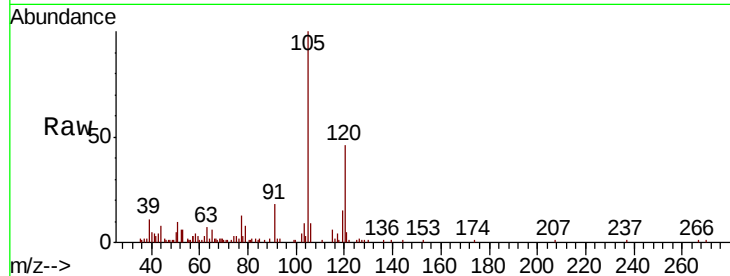
SU-03-112118-B

Tot Ion:105 Resp: 8418

Ion Ratio Lower Upper

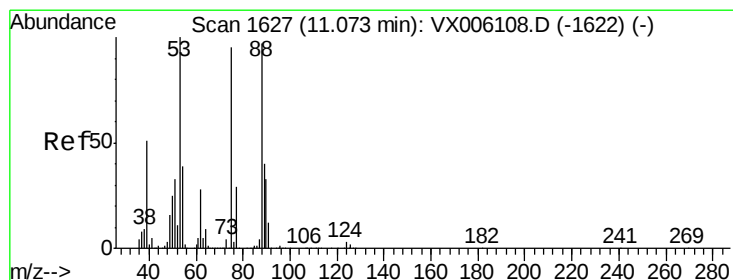
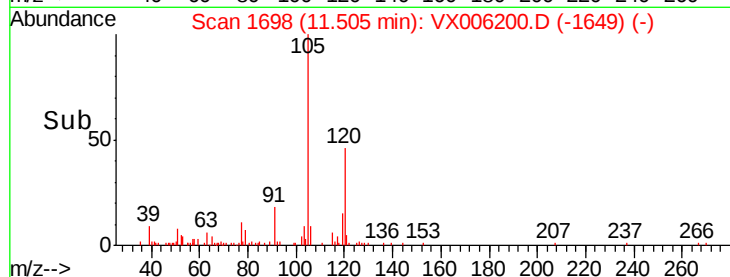
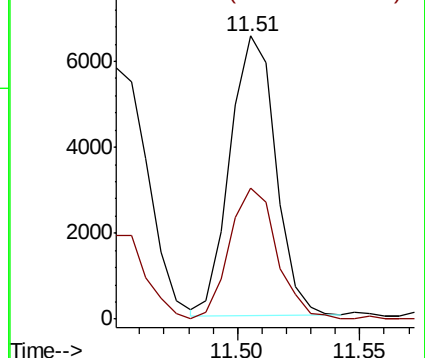
105 100

120 48.9 24.3 73.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 78.540 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.07 min

Lab File: VX006200.D

Acq: 27 Nov 2018 03:11

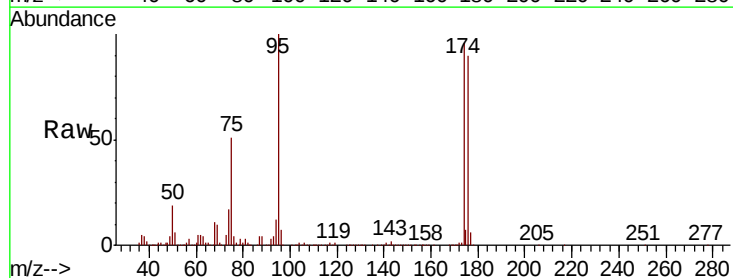
Tgt Ion: 75 Resp: 86683

Ion Ratio Lower Upper

75 100

53 0.3 85.3 127.9#

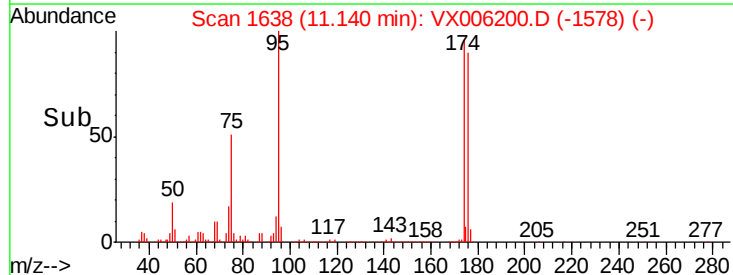
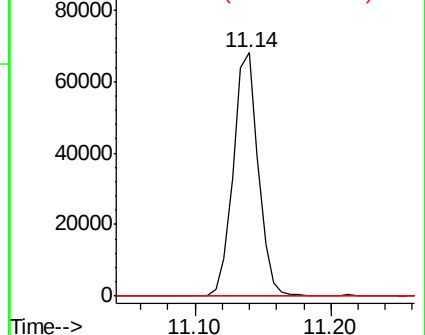
89 0.1 37.2 55.8#

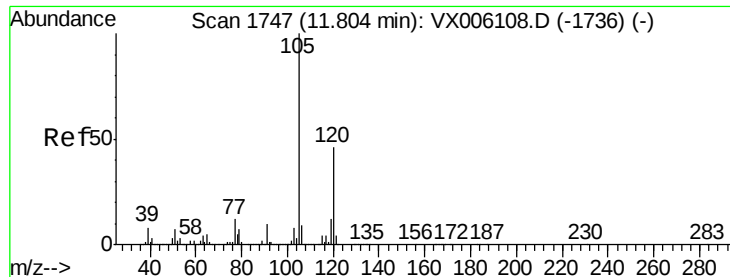


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0





#84

1,2,4-Trimethylbenzene

Concen: 2.582 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. 0.01 min

Lab File: VX006200.D

Acq: 27 Nov 2018 03:11

Instrument :

MSVOA_X

ClientSampleId :

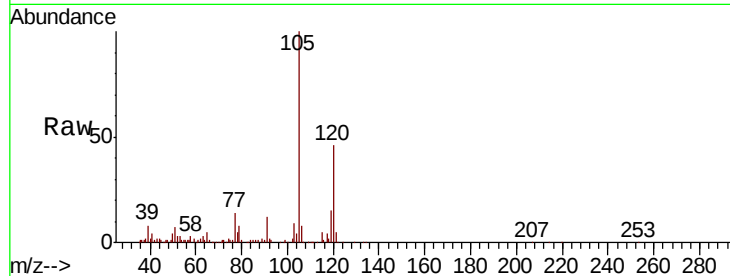
SU-03-112118-B

Tot Ion:105 Resp: 24361

Ion Ratio Lower Upper

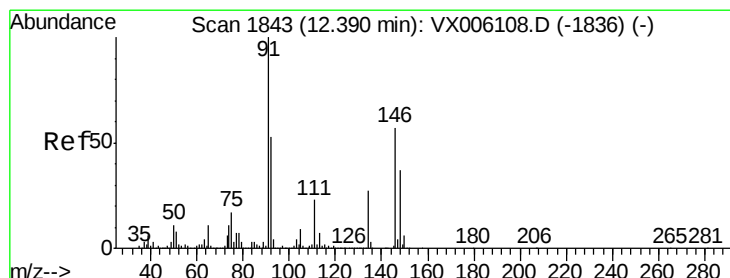
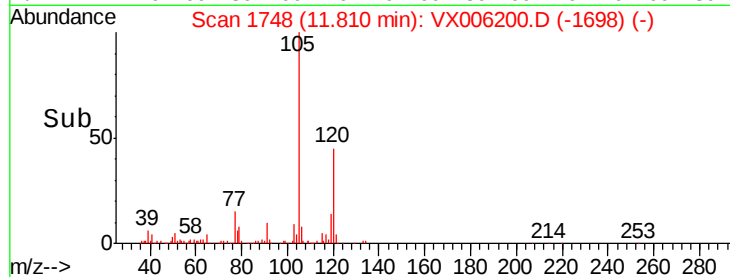
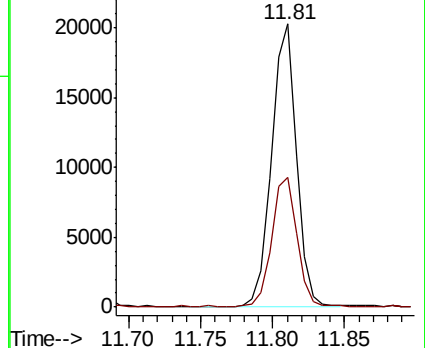
105 100

120 46.9 22.7 68.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#89

n-Butylbenzene

Concen: 0.332 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.01 min

Lab File: VX006200.D

Acq: 27 Nov 2018 03:11

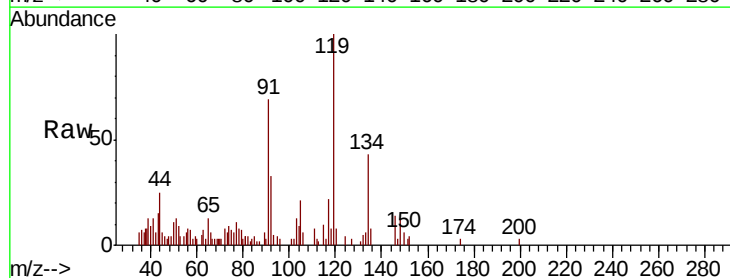
Tgt Ion: 91 Resp: 2963

Ion Ratio Lower Upper

91 100

92 36.6 26.6 79.7

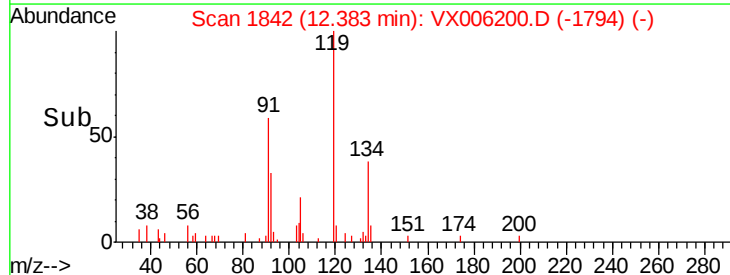
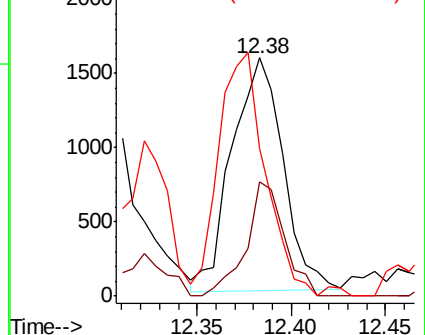
134 94.9 13.1 39.3#

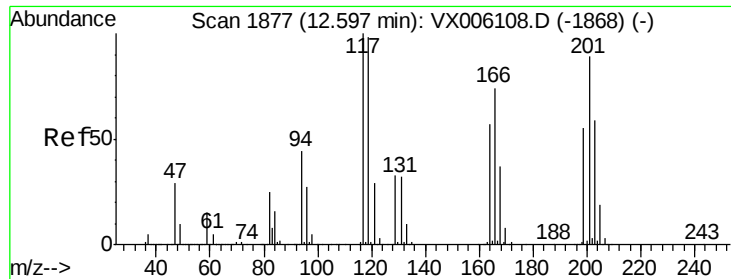


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V

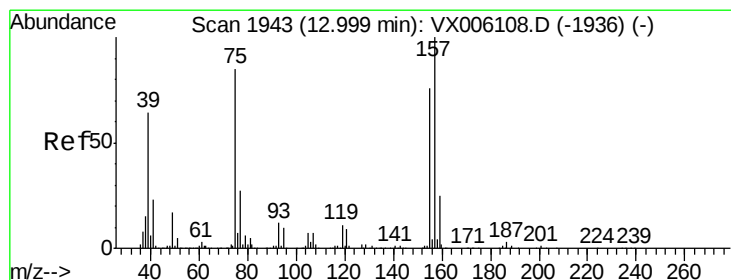
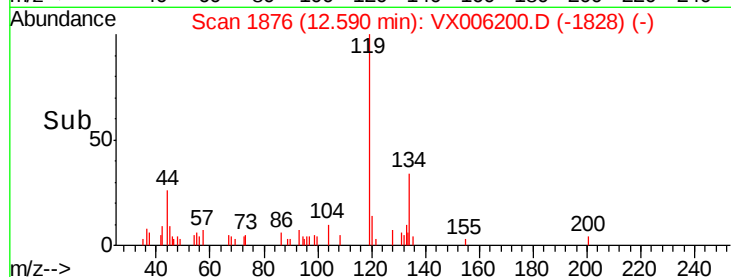
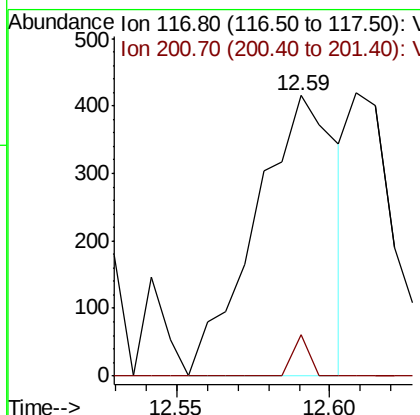
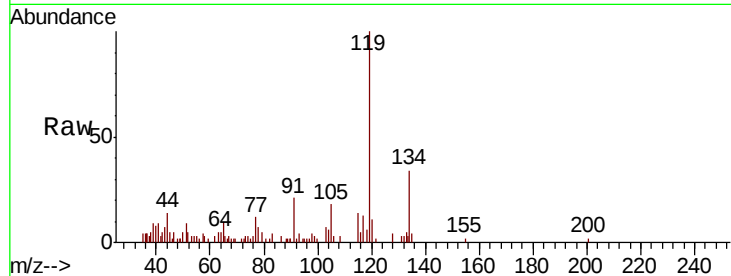




#90
Hexachloroethane
Concen: 0.487 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX006200.D
Acq: 27 Nov 2018 03:11

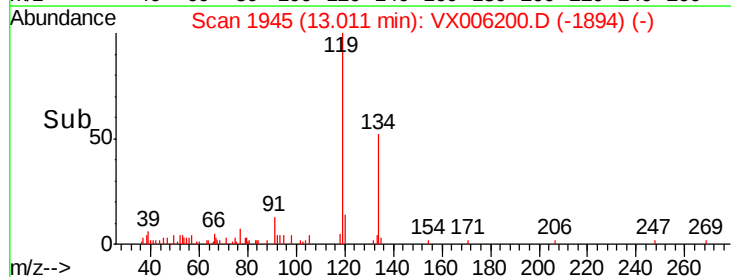
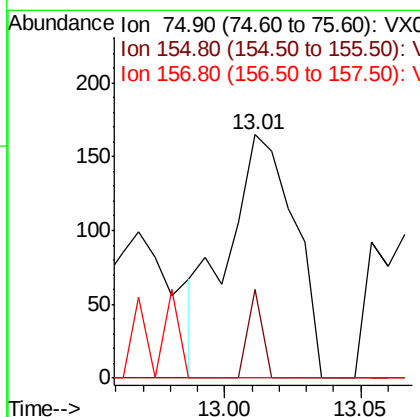
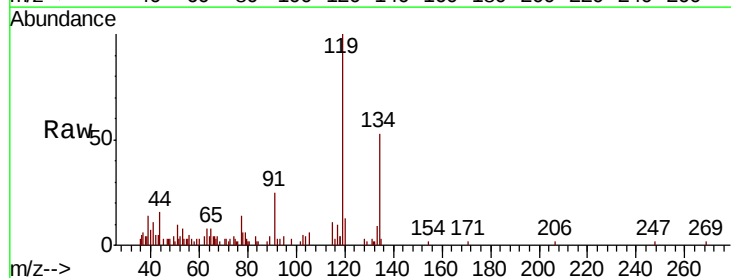
Instrument :
MSVOA_X
ClientSampleId :
SU-03-112118-B

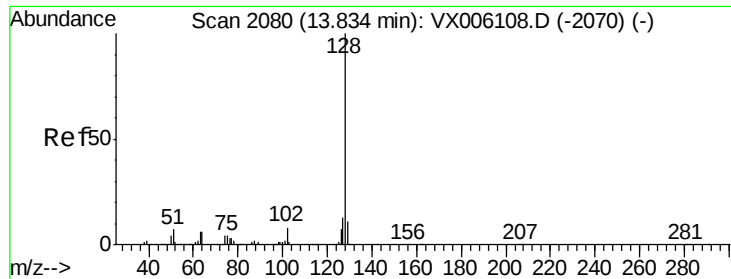
Tot Ion:117 Resp: 765
Ion Ratio Lower Upper
117 100
201 2.9 46.1 138.2#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.296 ug/l
RT: 13.01 min Scan# 1945
Delta R.T. 0.01 min
Lab File: VX006200.D
Acq: 27 Nov 2018 03:11

Tgt Ion: 75 Resp: 284
Ion Ratio Lower Upper
75 100
155 7.7 46.1 138.3#
157 0.0 59.8 179.3#





#95

Naphthalene

Concen: 8.065 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX006200.D

Acq: 27 Nov 2018 03:11

Instrument :

MSVOA_X

ClientSampleId :

SU-03-112118-B

Tot Ion:128 Resp: 96785

Ion Ratio Lower Upper

128 100

127 13.7 10.6 15.8

129 11.4 8.8 13.2

