

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091818\
 Data File : VX004655.D
 Acq On : 18 Sep 2018 14:02
 Operator : JC/MD
 Sample : J4898-02 5X
 Misc : 9.01µ/5mL/100µL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 18 15:24:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	202570	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.86	114	327334	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	285677	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	178909	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	123951	47.46	ug/l	0.00
Spiked Amount			Recovery	=	94.92%	
35) Dibromofluoromethane	5.49	113	115697	38.62	ug/l	0.00
Spiked Amount			Recovery	=	77.24%	
50) Toluene-d8	8.72	98	419898	41.80	ug/l	0.00
Spiked Amount			Recovery	=	83.60%	
62) 4-Bromofluorobenzene	11.14	95	162305	45.26	ug/l	0.00
Spiked Amount			Recovery	=	90.52%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	922	Below Cal		82
10) Methyl Iodide	2.51	142	910	4.565	ug/l #	91
11) Tert butyl alcohol	3.02	59	1374	2.205	ug/l #	72
13) Acrolein	2.30	56	65	0.264	ug/l #	59
16) Acetone	2.45	43	751	0.589	ug/l	98
18) Methyl Acetate	2.78	43	2009	0.562	ug/l	96
20) Methylene Chloride	2.85	84	659	0.252	ug/l #	84
29) Tetrahydrofuran	5.18	42	363	0.297	ug/l #	36
36) 1,1-Dichloropropene	5.66	75	12556	3.160	ug/l #	50
38) Carbon Tetrachloride	5.66	117	16991	4.377	ug/l #	15
40) Benzene	6.14	78	376750	31.952	ug/l	97
42) 1,2-Dichloroethane	6.15	62	2687	0.687	ug/l #	72
52) Toluene	8.79	92	295822	42.583	ug/l	97
53) t-1,3-Dichloropropene	8.78	75	3199	0.808	ug/l #	1
55) 1,1,2-Trichloroethane	9.07	97	3945	1.319	ug/l #	19
58) 2-Chloroethyl Vinyl ether	8.26	63	19	7.280	ug/l #	45
67) Ethyl Benzene	10.26	91	182265	15.796	ug/l	100
68) m/p-Xylenes	10.36	106	215734	48.538	ug/l	97
69) o-Xylene	10.70	106	79486	18.602	ug/l	100
70) Styrene	10.71	104	35170	4.968	ug/l #	70
73) Isopropylbenzene	11.02	105	7629	0.647	ug/l	96
76) 1,2,3-Trichloropropane	11.14	75	75906	21.088	ug/l #	37
78) n-propylbenzene	11.36	91	6567	0.485	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	91573	9.245	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.14	75	75906	67.218	ug/l #	10
83) tert-Butylbenzene	12.02	119	28141	2.984	ug/l	69
84) 1,2,4-Trimethylbenzene	11.81	105	225350	22.283	ug/l	100
85) sec-Butylbenzene	11.81	105	225350	18.752	ug/l #	55
86) p-Isopropyltoluene	12.07	119	8769	0.826	ug/l	92
89) n-Butylbenzene	12.38	91	8352	0.864	ug/l #	19
90) Hexachloroethane	12.61	117	3886	2.287	ug/l #	3
92) 1,2-Dibromo-3-Chloropropan	13.02	75	7989	9.845	ug/l #	1
95) Naphthalene	13.84	128	9179766	751.572	ug/l	96

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Quant Title : SW846 8260
QLast Update : Wed Sep 12 02:17:23 2018
Response via : Initial Calibration

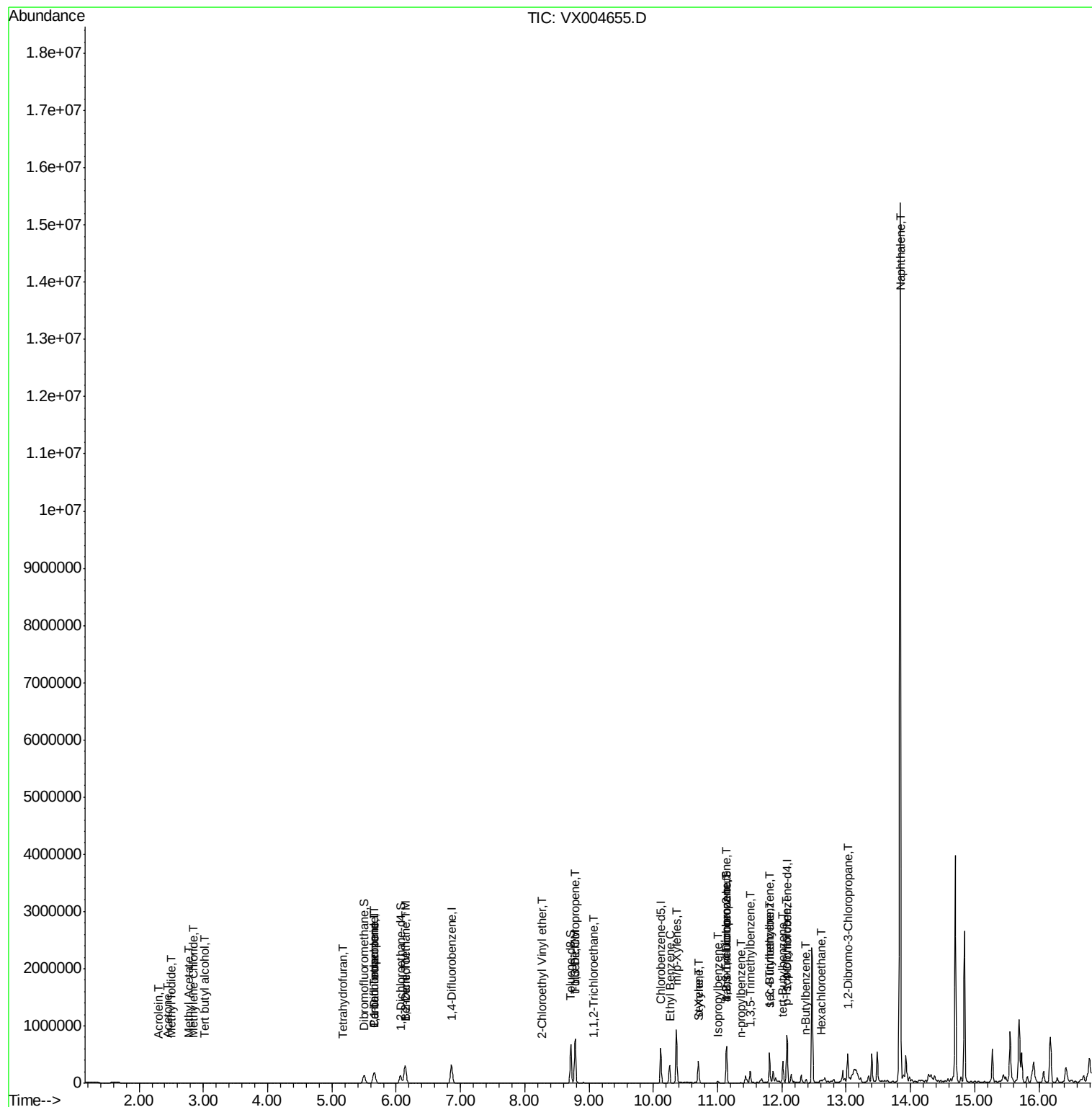
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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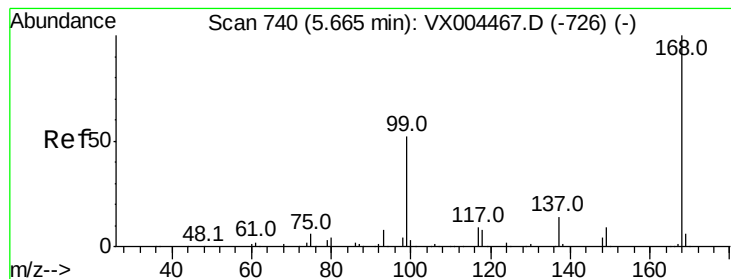
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.01 min

Lab File: VX004655.D

Acq: 18 Sep 2018 14:02

Instrument :

MSVOA_X

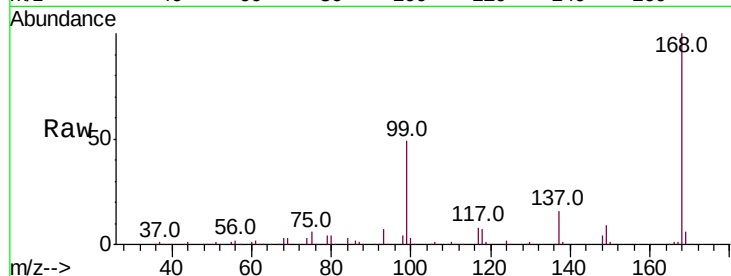
ClientSampleId :

Tot Ion:168 Resp: 202570

Ion Ratio Lower Upper

168 100

99 49.2 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

80000

60000

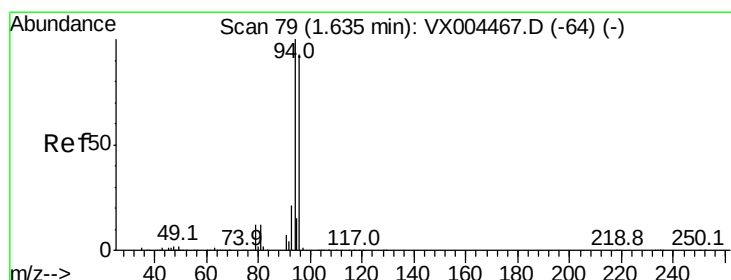
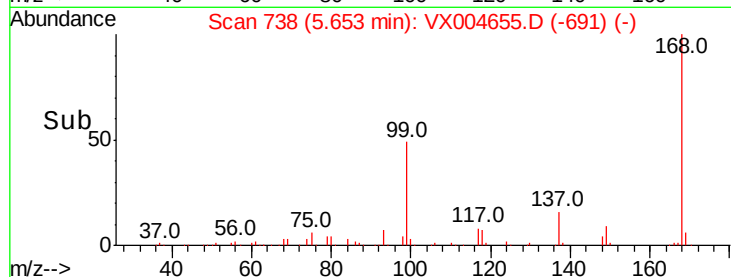
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX004655.D

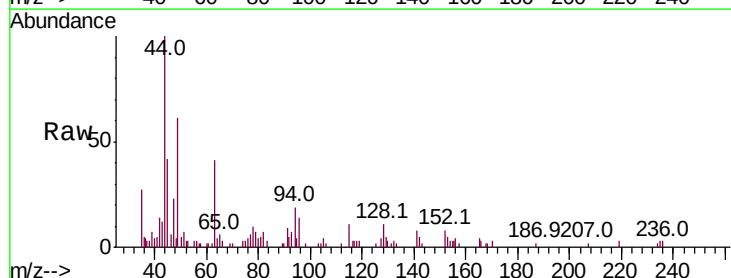
Acq: 18 Sep 2018 14:02

Tgt Ion: 94 Resp: 922

Ion Ratio Lower Upper

94 100

96 75.9 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

600

500

400

300

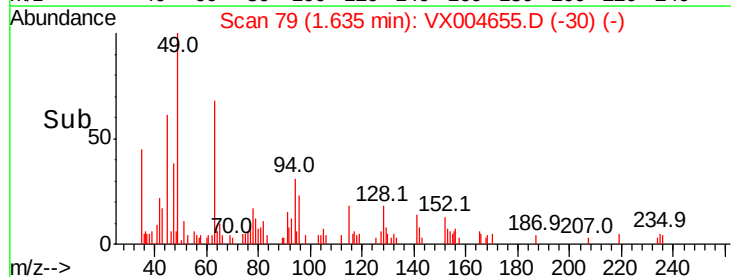
200

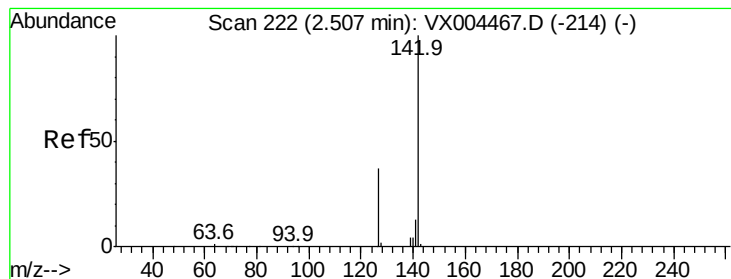
100

0

Time-->

1.60 1.65





#10

Methvl Iodide

Concen: 4.565 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX004655.D

Acq: 18 Sep 2018 14:02

Instrument :

MSVOA_X

ClientSampleId :

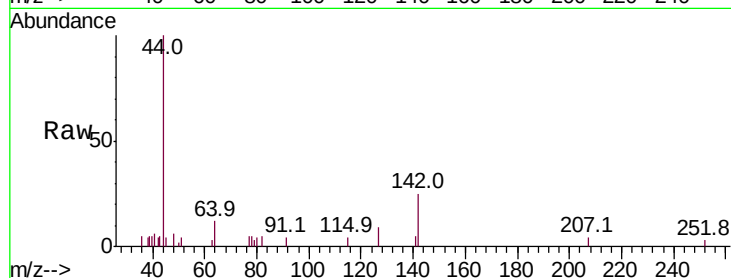
Tot Ion:142 Resp: 910

Ion Ratio Lower Upper

142 100

127 37.0 33.8 50.6

141 9.5 11.4 17.0#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

2.51

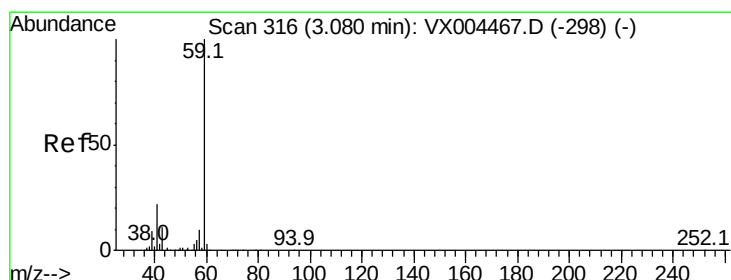
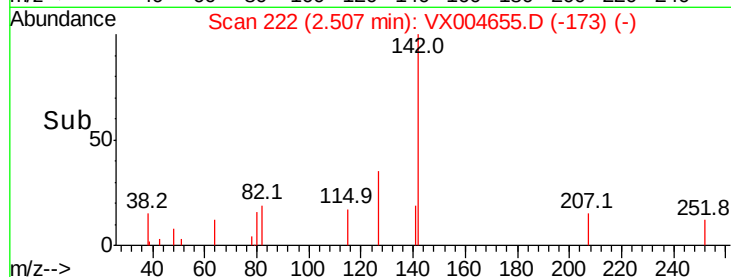
400

200

0

2.45 2.50 2.55

Time-->



#11

Tert butyl alcohol

Concen: 2.205 ug/l

RT: 3.02 min Scan# 306

Delta R.T. -0.06 min

Lab File: VX004655.D

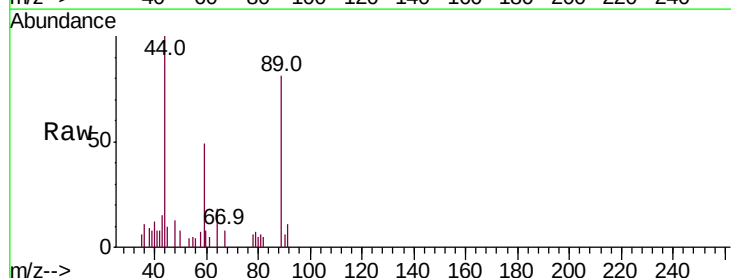
Acq: 18 Sep 2018 14:02

Tgt Ion: 59 Resp: 1374

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.02

600

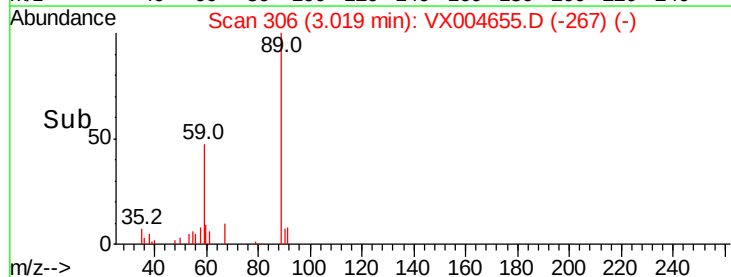
400

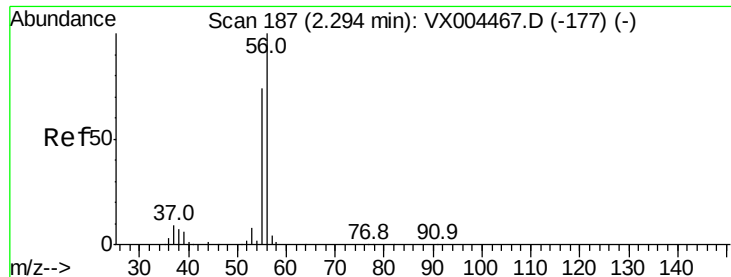
200

0

2.95 3.00 3.05 3.10

Time-->





#13

Acrolein

Concen: 0.264 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX004655.D

Acq: 18 Sep 2018 14:02

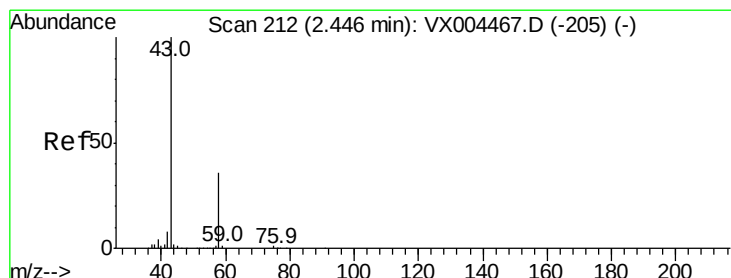
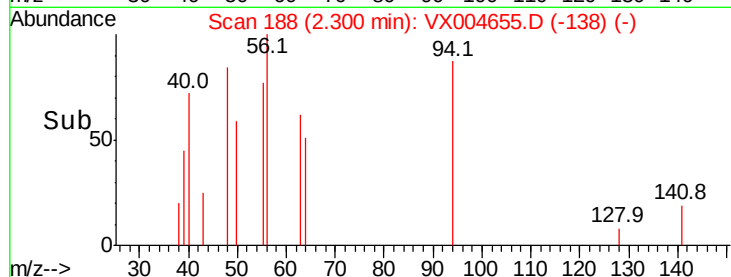
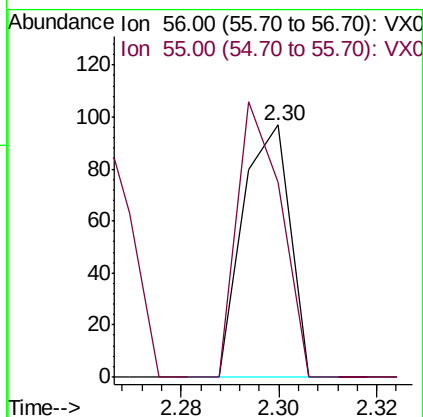
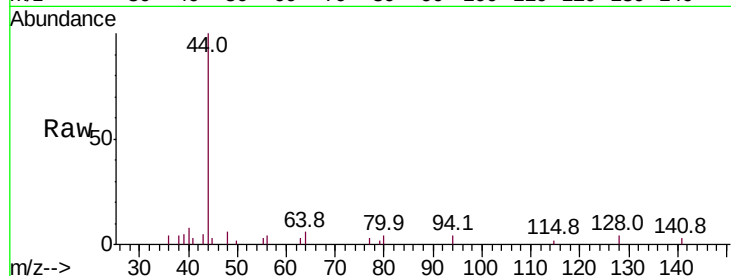
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 65

Ion Ratio Lower Upper

56 100

55 101.5 54.7 82.1#



#16

Acetone

Concen: 0.589 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX004655.D

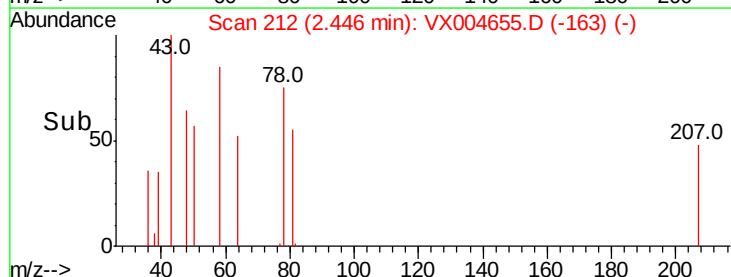
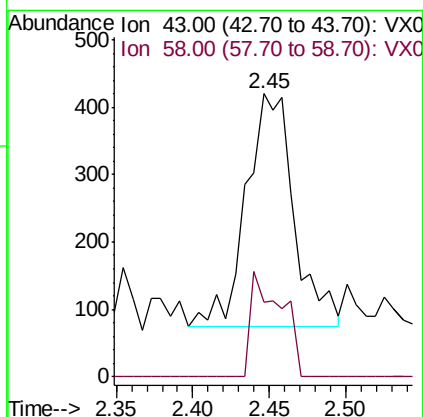
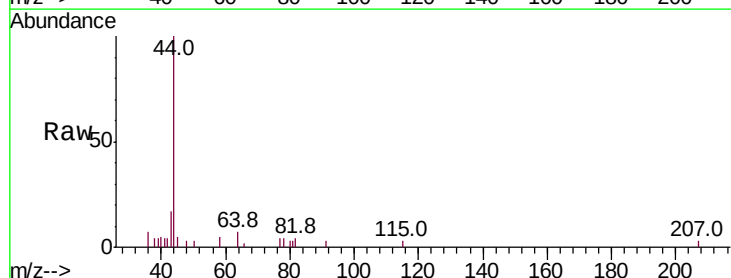
Acq: 18 Sep 2018 14:02

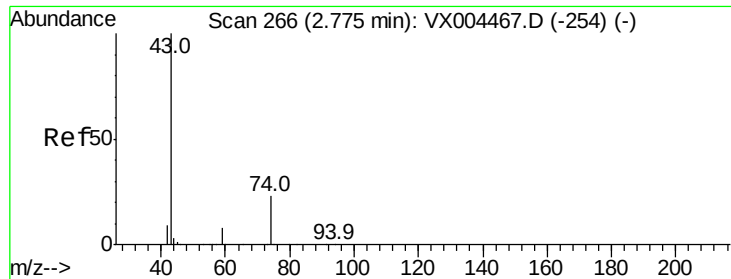
Tgt Ion: 43 Resp: 751

Ion Ratio Lower Upper

43 100

58 31.9 26.2 39.4

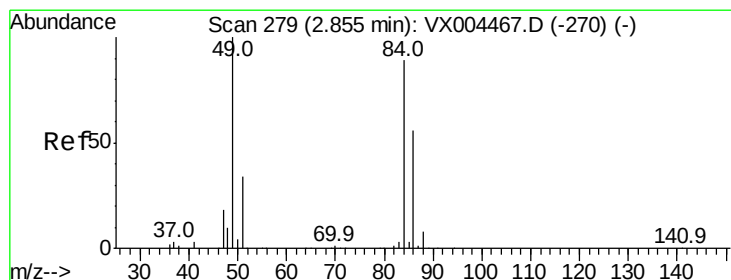
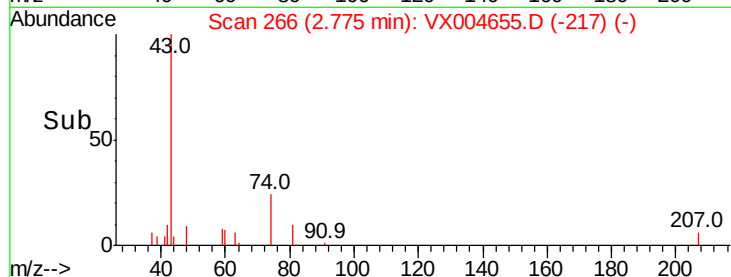
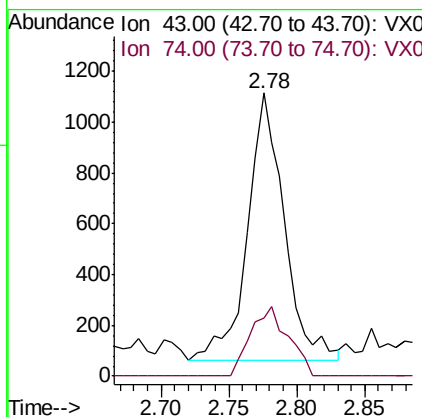
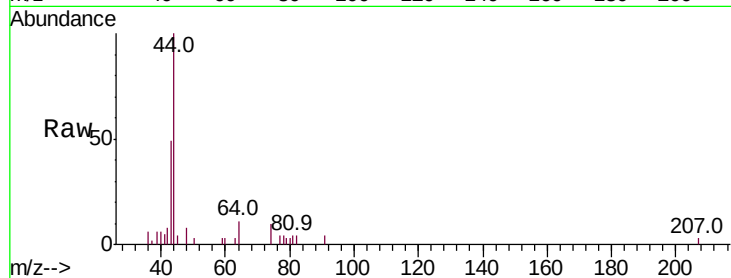




#18
Methyl Acetate
Concen: 0.562 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX004655.D
Acq: 18 Sep 2018 14:02

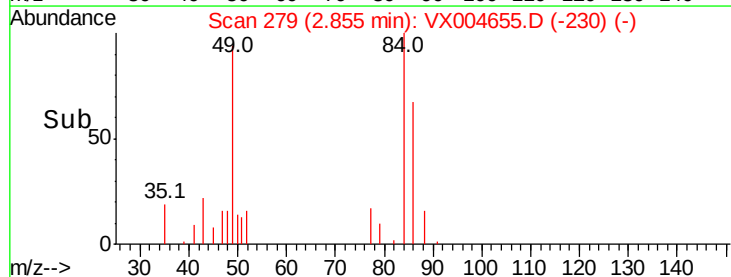
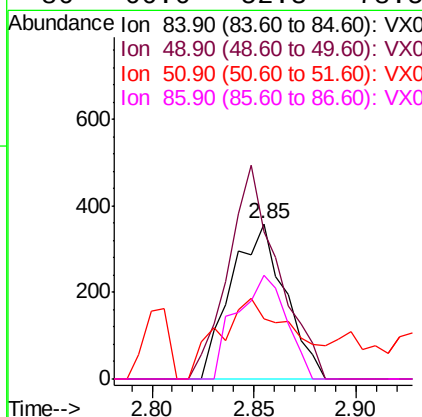
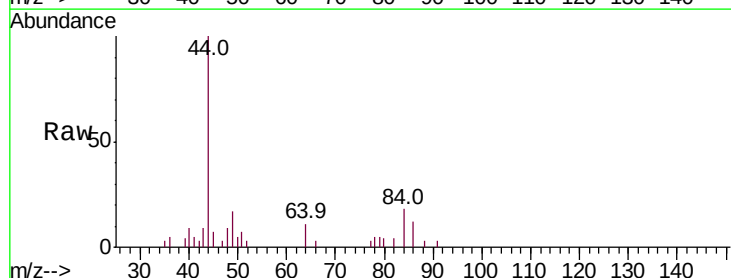
Instrument :
MSVOA_X
ClientSampleId :

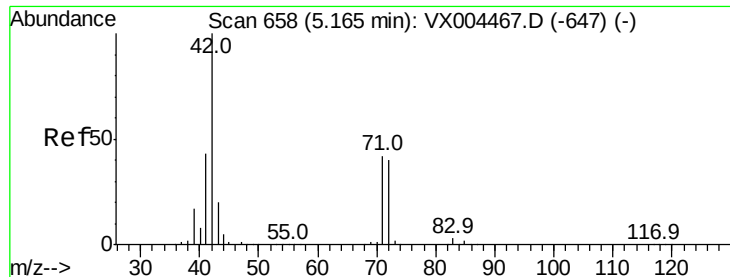
Tot Ion: 43 Resp: 2009
Ion Ratio Lower Upper
43 100
74 26.4 19.4 29.2



#20
Methylene Chloride
Concen: 0.252 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX004655.D
Acq: 18 Sep 2018 14:02

Tgt Ion: 84 Resp: 659
Ion Ratio Lower Upper
84 100
49 94.4 101.2 151.8#
51 39.0 29.5 44.3
86 66.6 52.3 78.5





#29

Tetrahydrofuran

Concen: 0.297 ug/l

RT: 5.18 min Scan# 660

Delta R.T. 0.01 min

Lab File: VX004655.D

Acq: 18 Sep 2018 14:02

Instrument :

MSVOA_X

ClientSampleId :

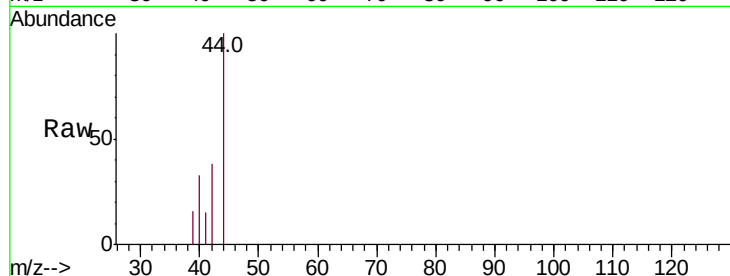
Tot Ion: 42 Resp: 363

Ion Ratio Lower Upper

42 100

72 0.0 37.4 56.0#

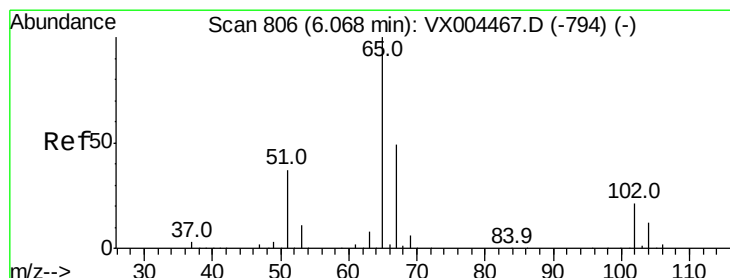
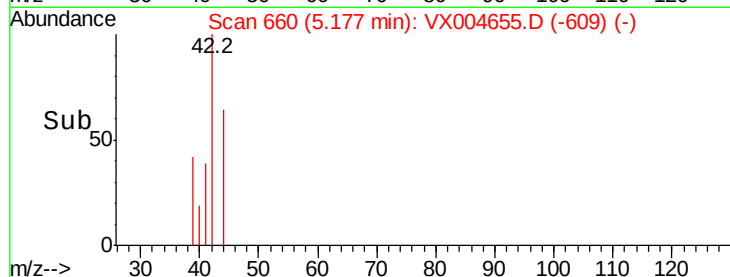
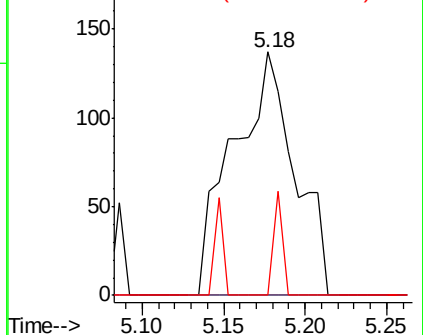
71 6.1 34.5 51.7#



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



#33

1,2-Dichloroethane-d4

Concen: 47.455 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004655.D

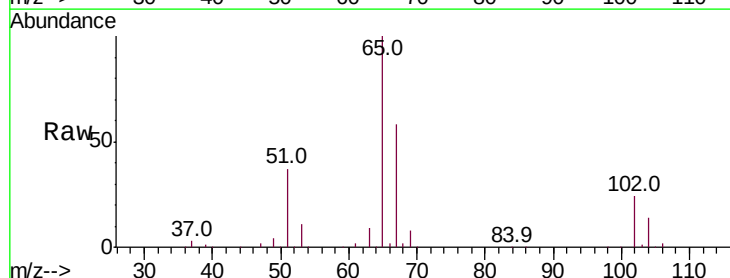
Acq: 18 Sep 2018 14:02

Tgt Ion: 65 Resp: 123951

Ion Ratio Lower Upper

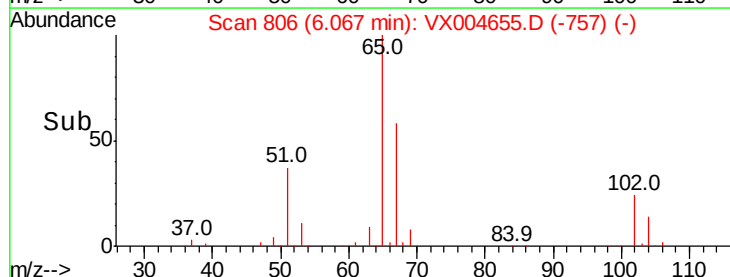
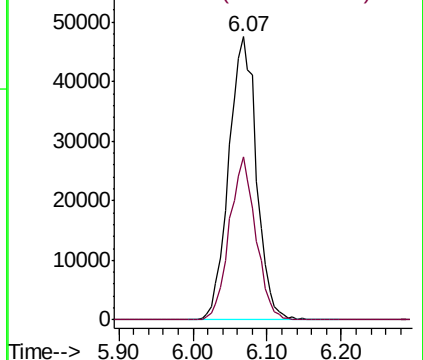
65 100

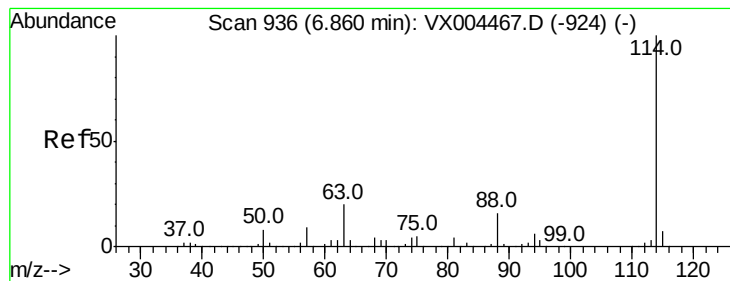
67 54.7 0.0 106.8



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: VX004655.D

Acq: 18 Sep 2018 14:02

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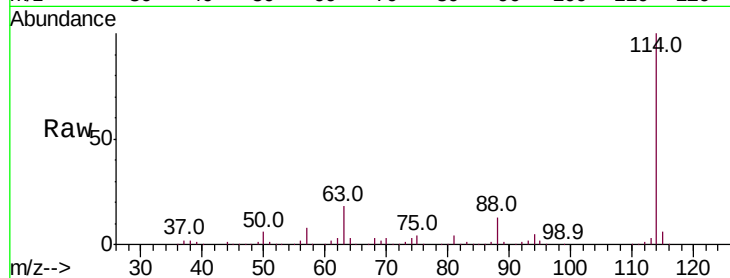
Tot Ion:114 Resp: 327334

Ion Ratio Lower Upper

114 100

63 17.8 0.0 39.0

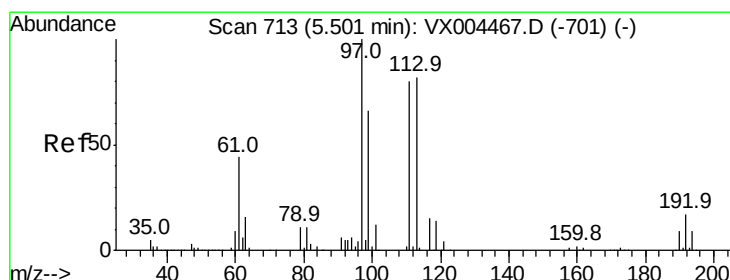
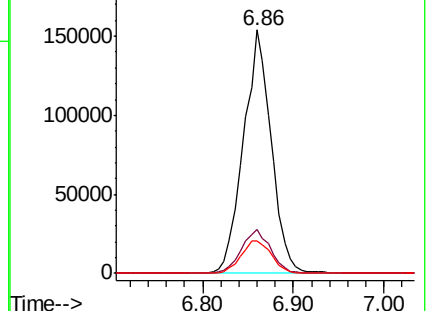
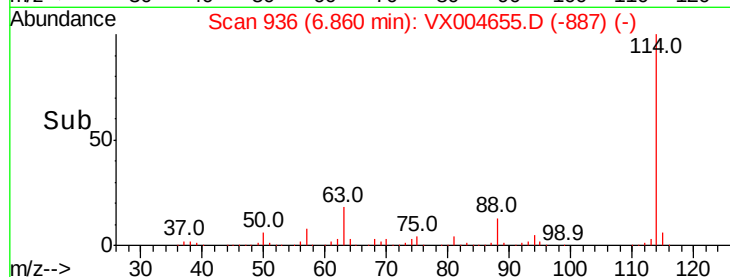
88 13.4 0.0 30.4



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: 38.625 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX004655.D

Acq: 18 Sep 2018 14:02

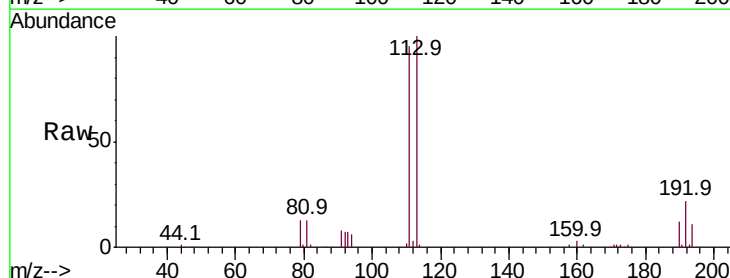
Tgt Ion:113 Resp: 115697

Ion Ratio Lower Upper

113 100

111 104.1 82.4 123.6

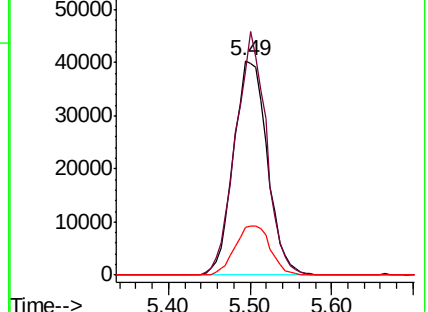
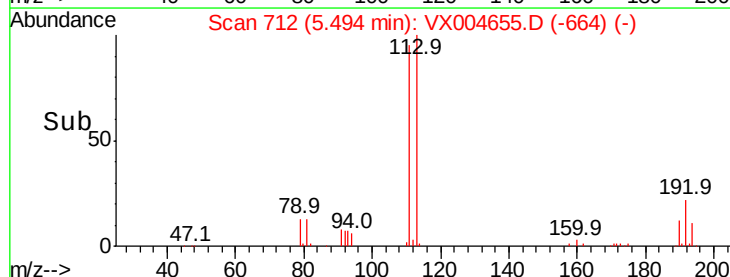
192 24.0 19.4 29.2

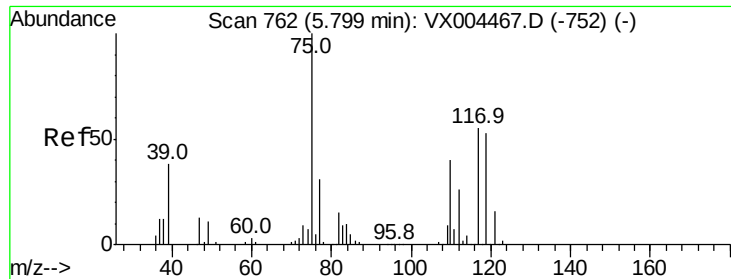


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

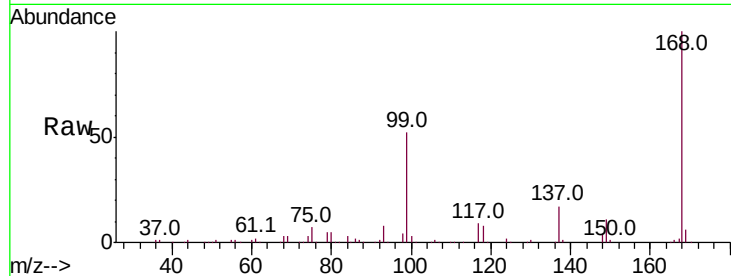




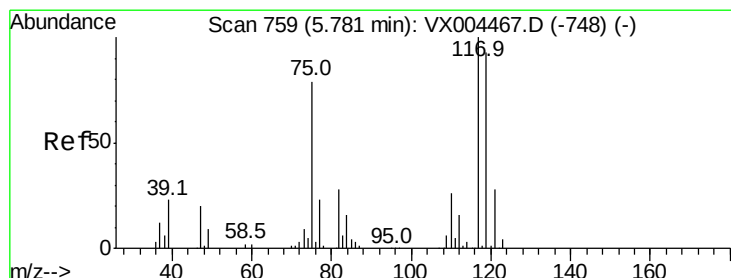
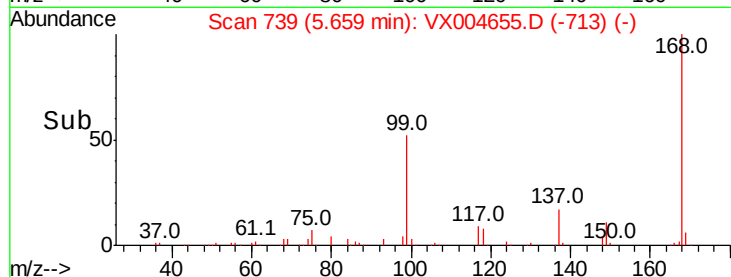
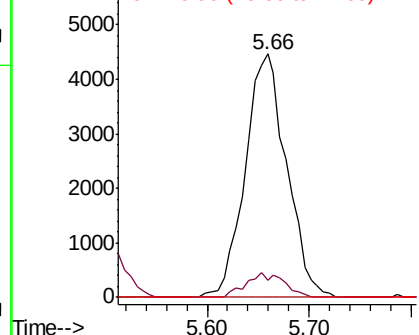
#36
 1,1-Dichloropropene
 Concen: 3.160 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX004655.D
 Acq: 18 Sep 2018 14:02

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
75	100		
110	9.2	18.0	54.0#
77	0.0	24.6	36.8#

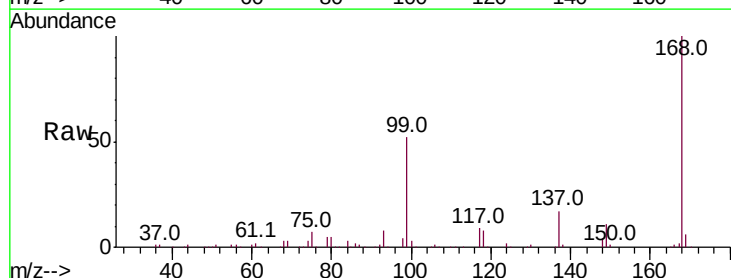


Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

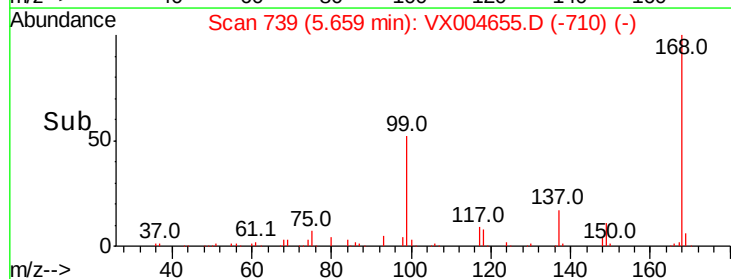
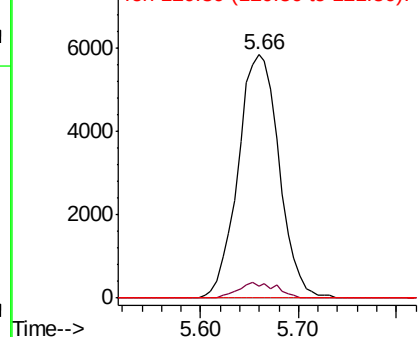


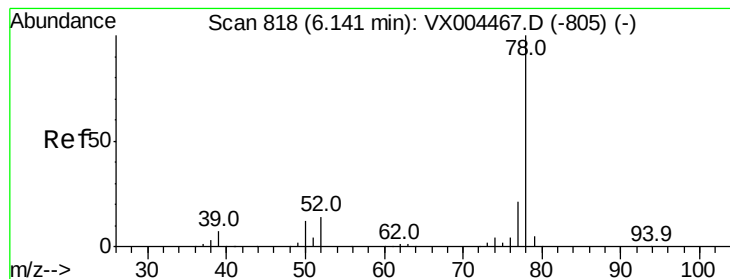
#38
 Carbon Tetrachloride
 Concen: 4.377 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.12 min
 Lab File: VX004655.D
 Acq: 18 Sep 2018 14:02

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.9	78.8	118.2#
121	0.0	24.9	37.3#



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





#40

Benzene

Concen: 31.952 ug/l

RT: 6.14 min Scan# 818

Delta R.T. -0.00 min

Lab File: VX004655.D

Acq: 18 Sep 2018 14:02

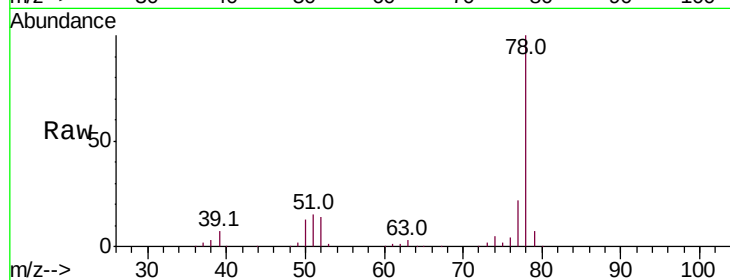
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 78 Resp: 376750

Ion Ratio Lower Upper

78 100

77 22.2 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

6.14

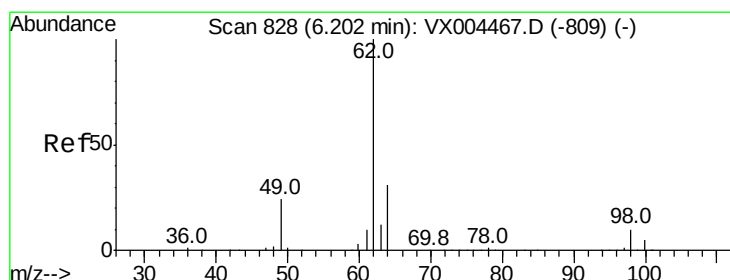
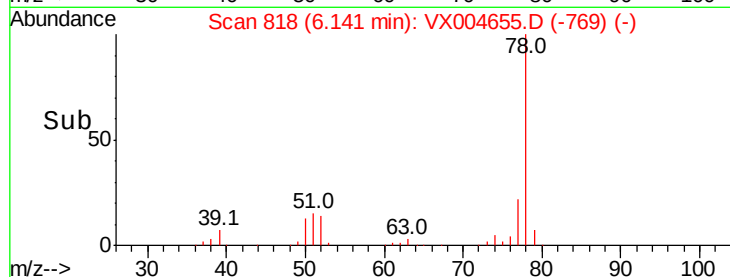
150000

100000

50000

0

Time-->



#42

1,2-Dichloroethane

Concen: 0.687 ug/l

RT: 6.15 min Scan# 819

Delta R.T. -0.05 min

Lab File: VX004655.D

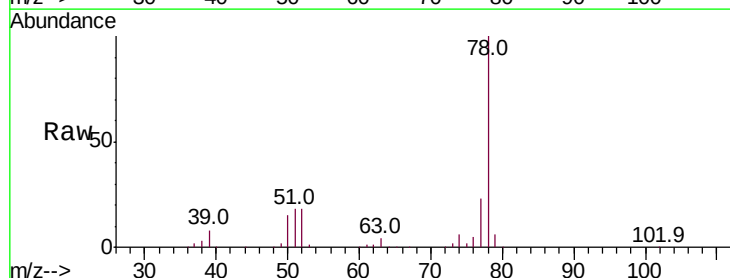
Acq: 18 Sep 2018 14:02

Tgt Ion: 62 Resp: 2687

Ion Ratio Lower Upper

62 100

98 0.0 0.0 20.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

6.15

1200

1000

800

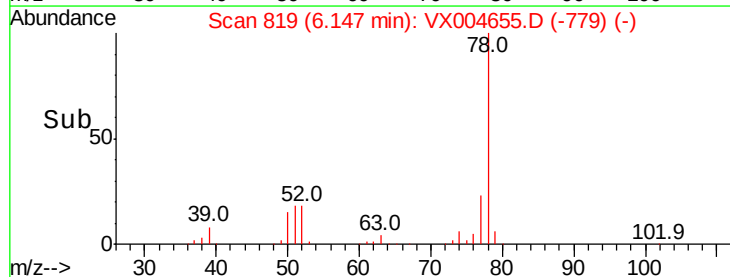
600

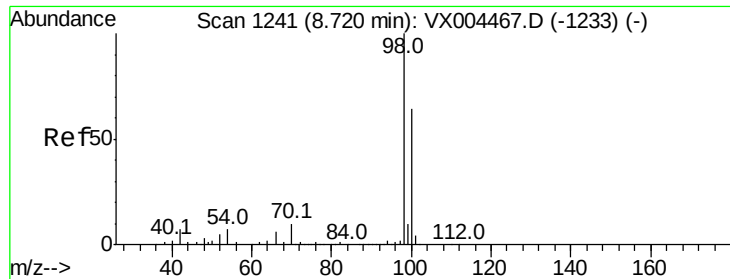
400

200

0

Time-->

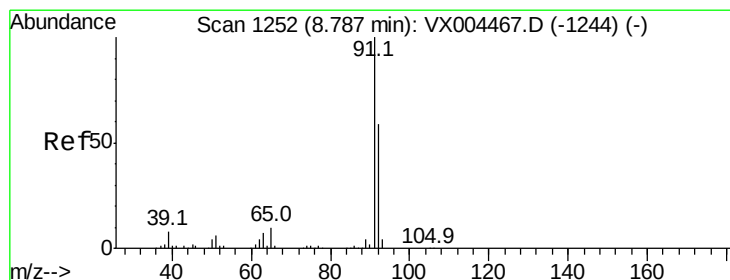
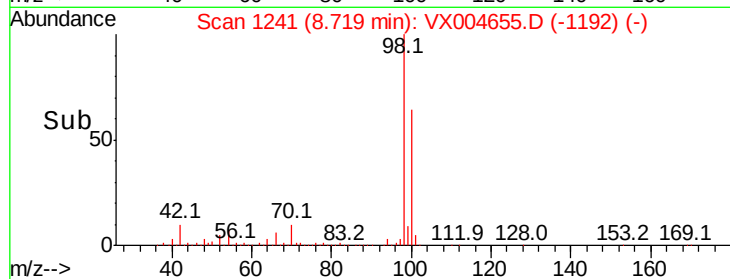
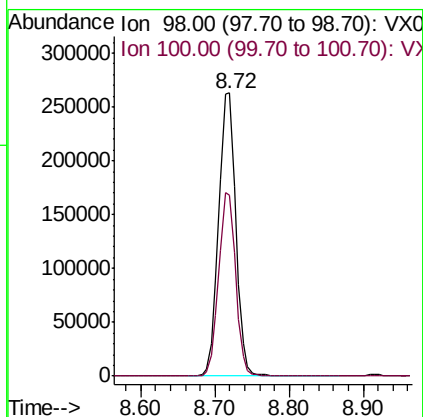
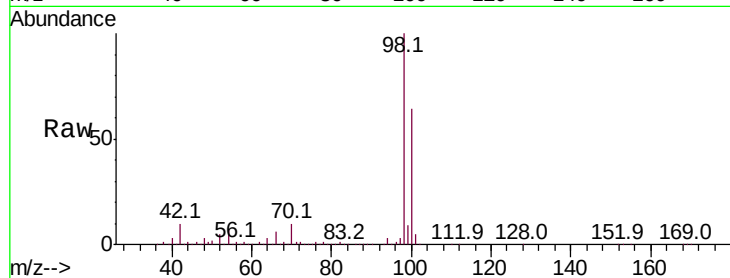




#50
Toluene-d8
Concen: 41.801 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX004655.D
Acq: 18 Sep 2018 14:02

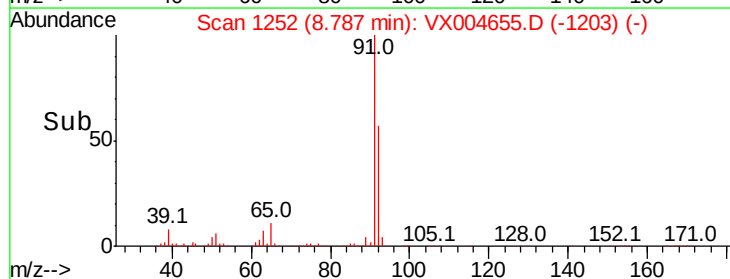
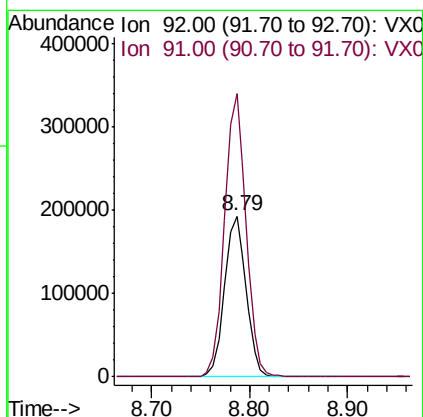
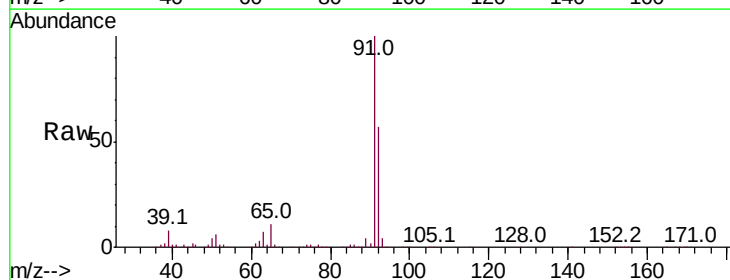
Instrument :
MSVOA_X
ClientSampleId :

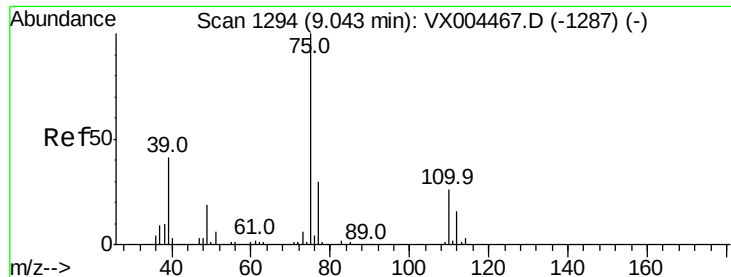
Tot Ion: 98 Resp: 419898
Ion Ratio Lower Upper
98 100
100 64.2 52.9 79.3



#52
Toluene
Concen: 42.583 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX004655.D
Acq: 18 Sep 2018 14:02

Tgt Ion: 92 Resp: 295822
Ion Ratio Lower Upper
92 100
91 175.0 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 0.808 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.26 min

Lab File: VX004655.D

Acq: 18 Sep 2018 14:02

Instrument :

MSVOA_X

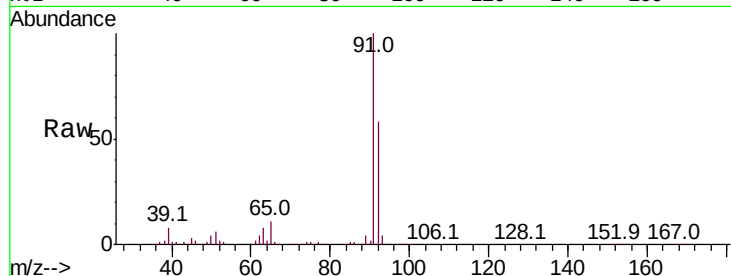
ClientSampled :

Tot Ion: 75 Resp: 3199

Ion Ratio Lower Upper

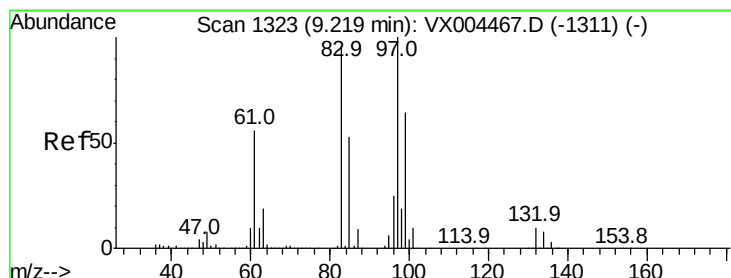
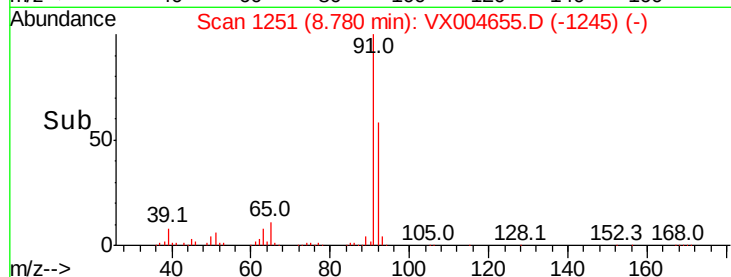
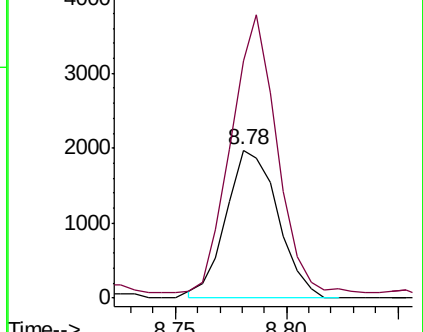
75 100

77 155.5 24.6 37.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#55

1,1,2-Trichloroethane

Concen: 1.319 ug/l

RT: 9.07 min Scan# 1299

Delta R.T. -0.15 min

Lab File: VX004655.D

Acq: 18 Sep 2018 14:02

Tgt Ion: 97 Resp: 3945

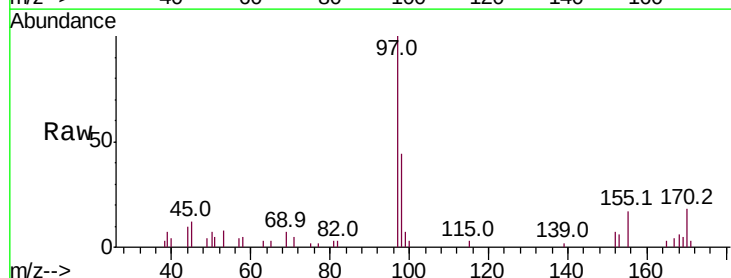
Ion Ratio Lower Upper

97 100

83 0.0 66.4 99.6#

85 0.0 43.3 64.9#

99 7.3 49.0 73.4#

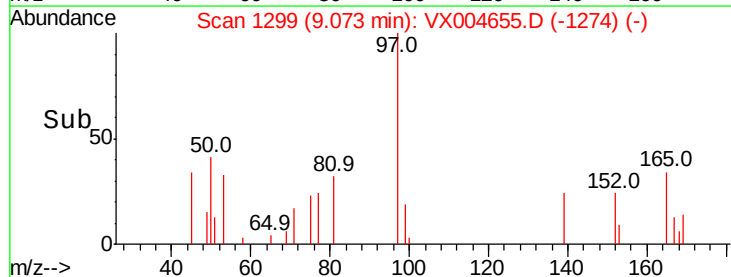
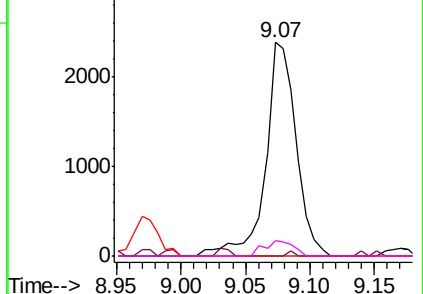


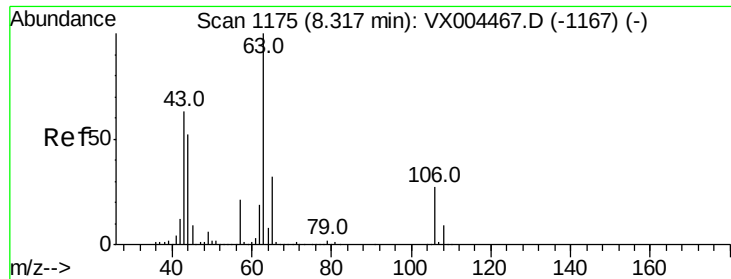
Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

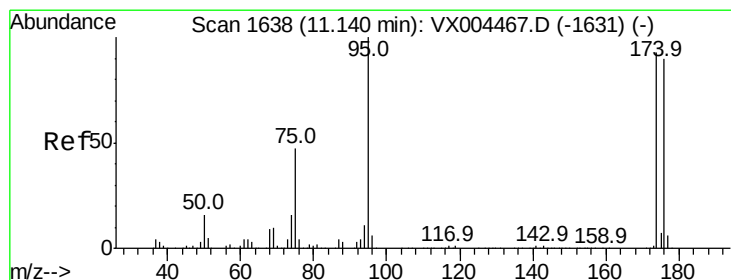
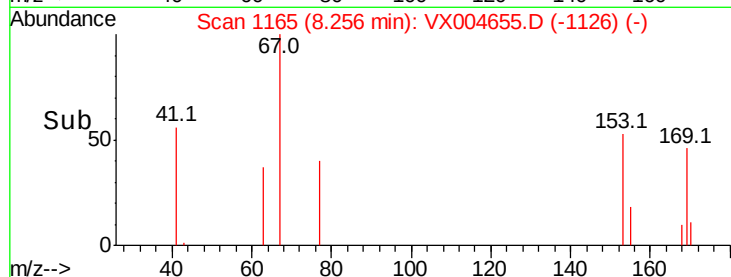
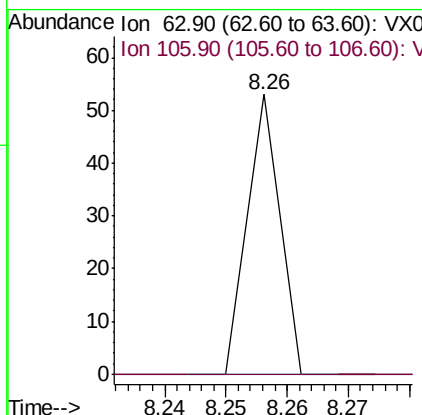
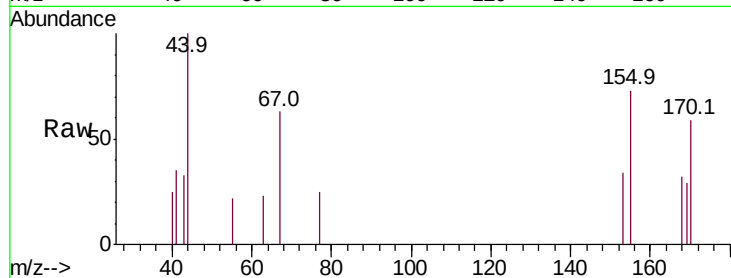




#58
2-Chloroethyl Vinyl ether
Concen: 7.280 ug/l
RT: 8.26 min Scan# 1165
Delta R.T. -0.06 min
Lab File: VX004655.D
Acq: 18 Sep 2018 14:02

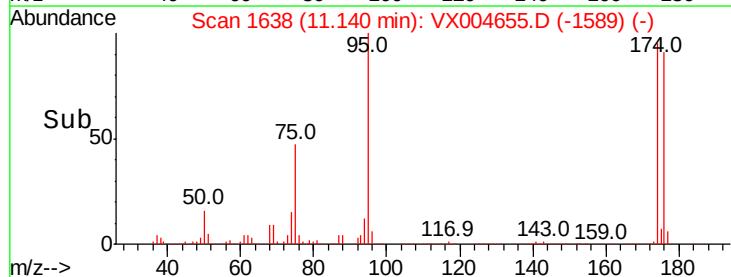
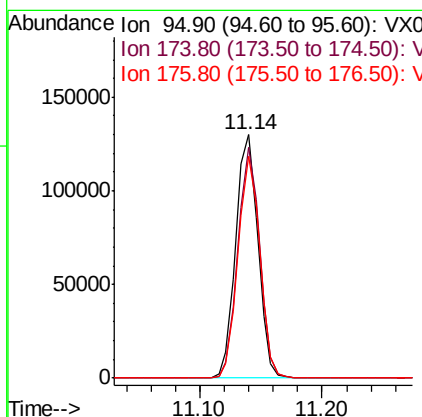
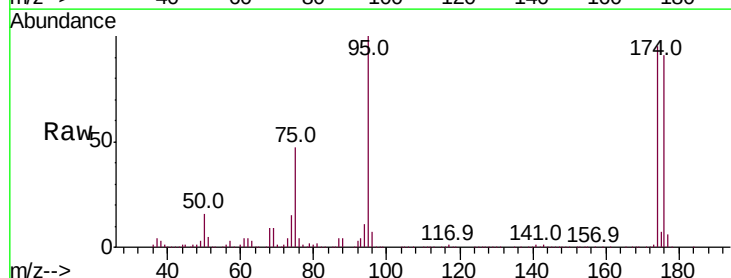
Instrument :
MSVOA_X
ClientSampled :

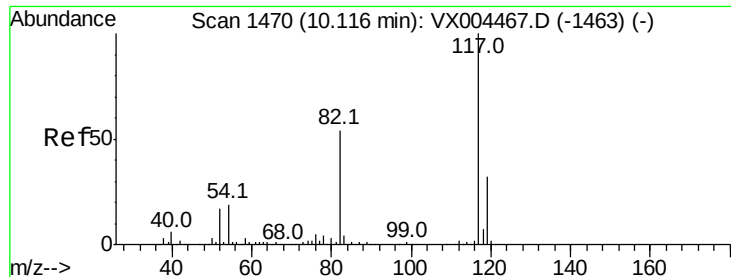
Tot Ion: 63 Resp: 19
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#



#62
4-Bromofluorobenzene
Concen: 45.265 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX004655.D
Acq: 18 Sep 2018 14:02

Tgt Ion: 95 Resp: 162305
Ion Ratio Lower Upper
95 100
174 93.0 0.0 185.2
176 89.8 0.0 178.6

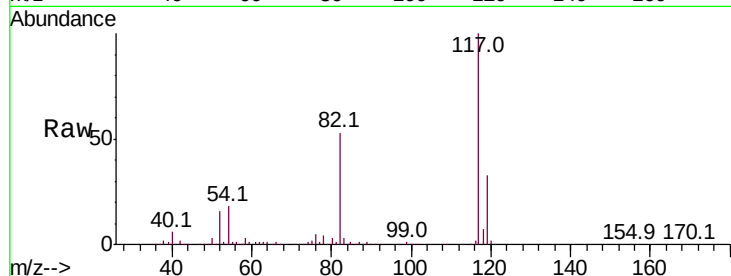




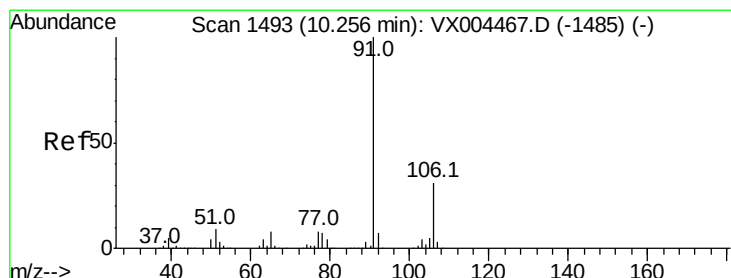
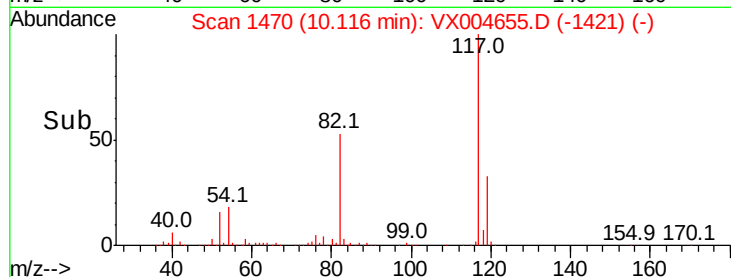
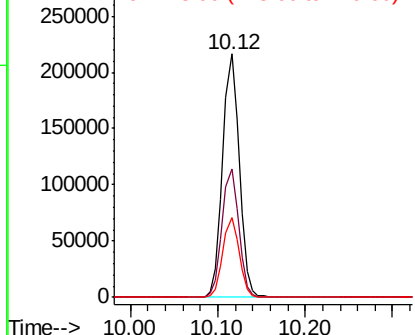
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004655.D
Acq: 18 Sep 2018 14:02

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:117 Resp: 285677
Ion Ratio Lower Upper
117 100
82 52.6 47.8 71.6
119 32.6 29.3 43.9

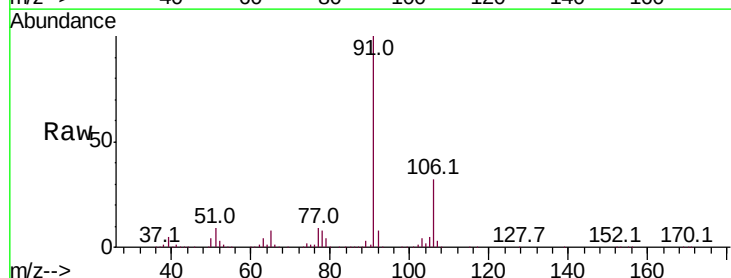


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

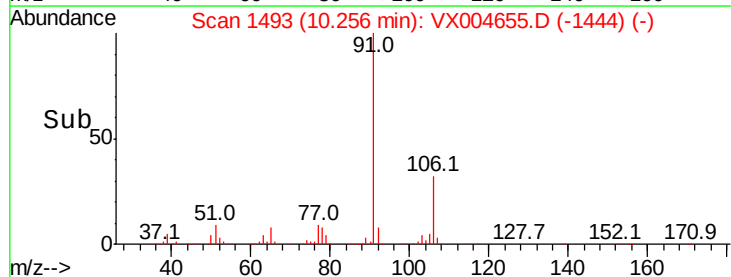
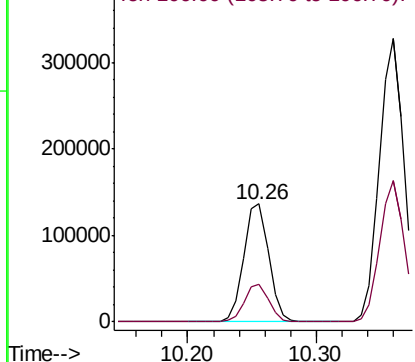


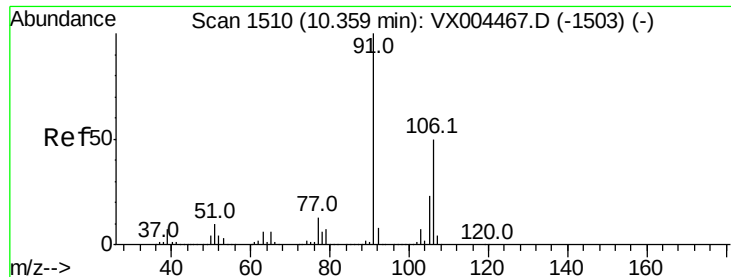
#67
Ethyl Benzene
Concen: 15.796 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VX004655.D
Acq: 18 Sep 2018 14:02

Tgt Ion: 91 Resp: 182265
Ion Ratio Lower Upper
91 100
106 32.4 25.9 38.9



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 106.00 (105.70 to 106.70): V

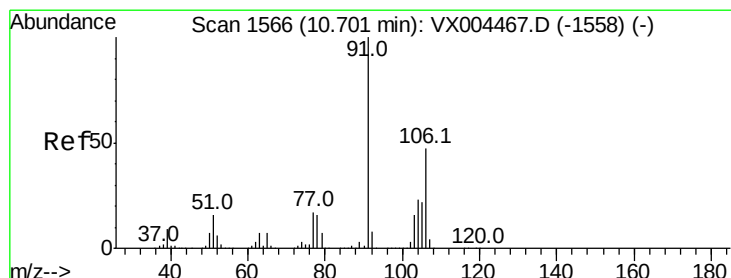
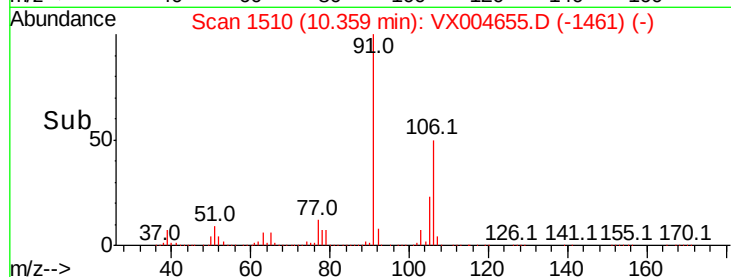
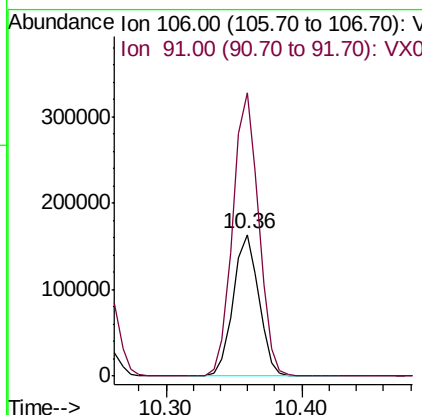
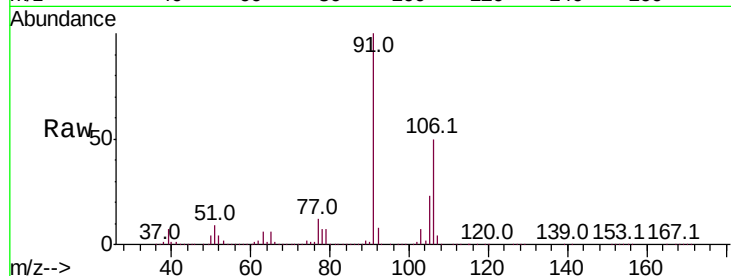




#68
m/p-Xylenes
Concen: 48.538 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX004655.D
Acq: 18 Sep 2018 14:02

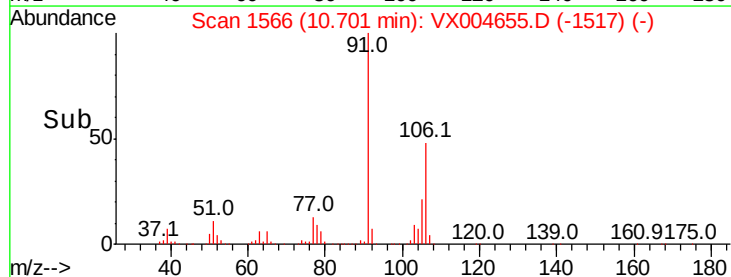
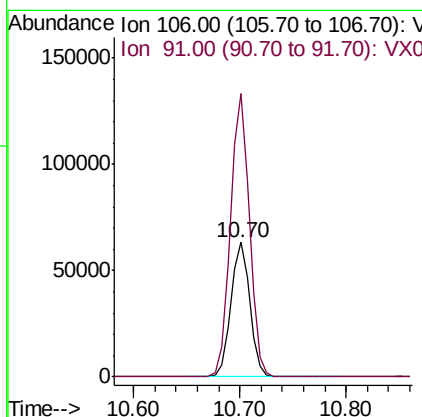
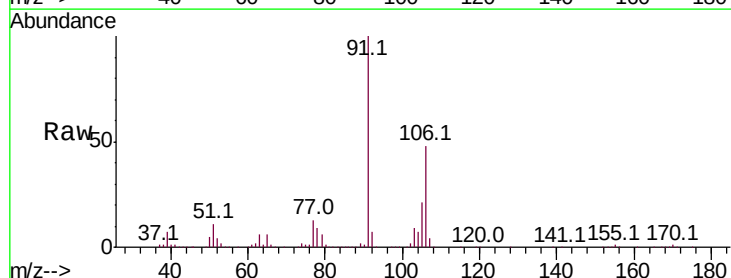
Instrument :
MSVOA_X
ClientSampleId :

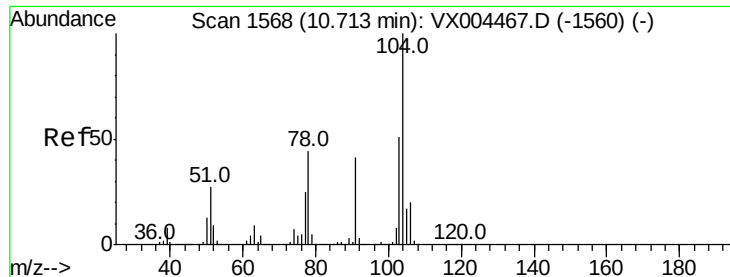
Tot Ion:106 Resp: 215734
Ion Ratio Lower Upper
106 100
91 201.3 157.1 235.7



#69
o-Xylene
Concen: 18.602 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX004655.D
Acq: 18 Sep 2018 14:02

Tgt Ion:106 Resp: 79486
Ion Ratio Lower Upper
106 100
91 209.6 105.1 315.1





#70

Stvrene

Concen: 4.968 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX004655.D

Acq: 18 Sep 2018 14:02

Instrument :

MSVOA_X

ClientSampleId :

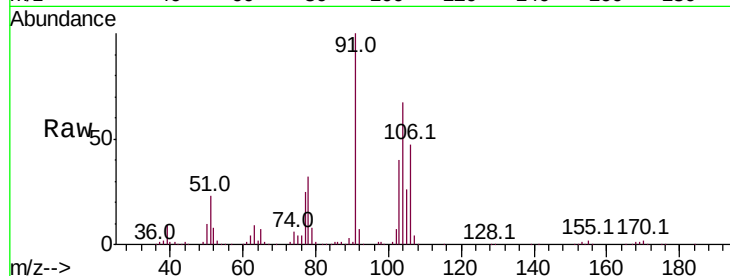
Tot Ion:104 Resp: 35170

Ion Ratio Lower Upper

104 100

78 67.5 37.4 56.0#

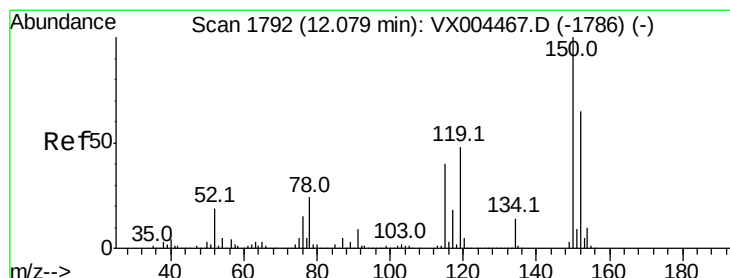
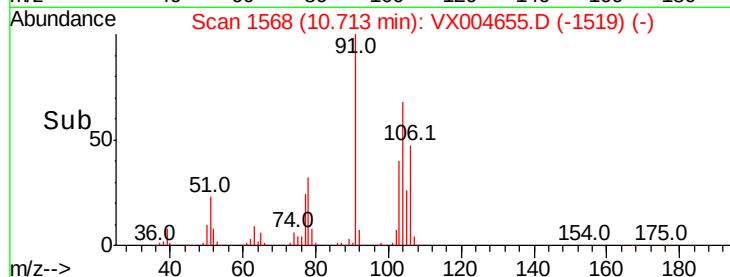
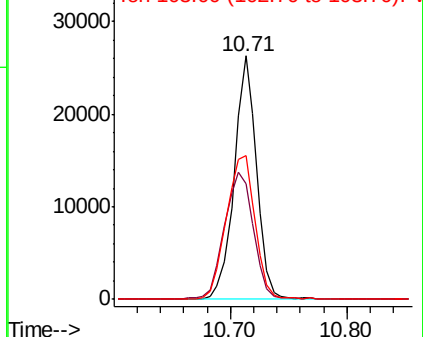
103 75.8 43.8 65.6#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX004655.D

Acq: 18 Sep 2018 14:02

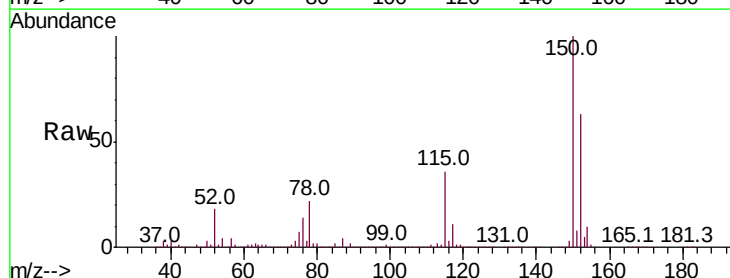
Tgt Ion:152 Resp: 178909

Ion Ratio Lower Upper

152 100

115 55.0 39.0 117.0

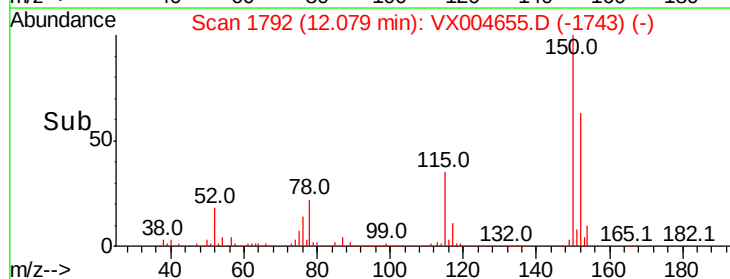
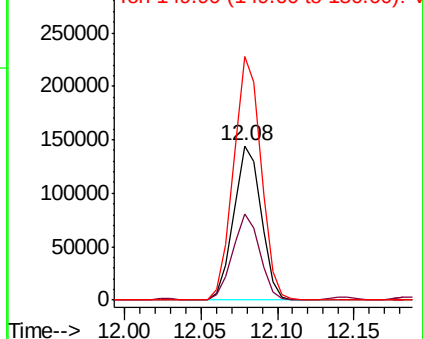
150 158.0 0.0 351.0

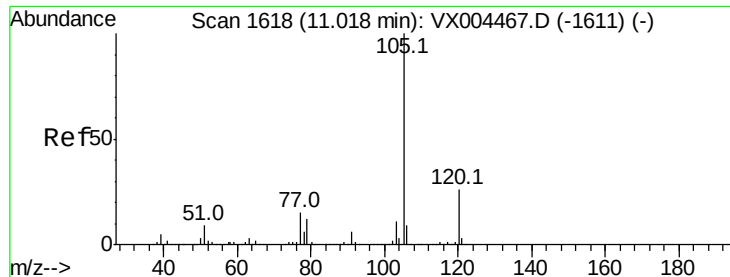


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.647 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX004655.D

Acq: 18 Sep 2018 14:02

Instrument :

MSVOA_X

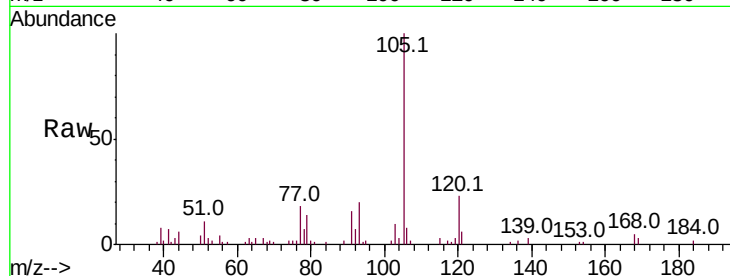
ClientSampleId :

Tot Ion:105 Resp: 7629

Ion Ratio Lower Upper

105 100

120 25.0 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

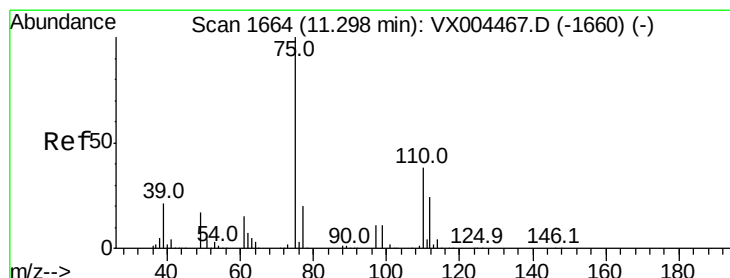
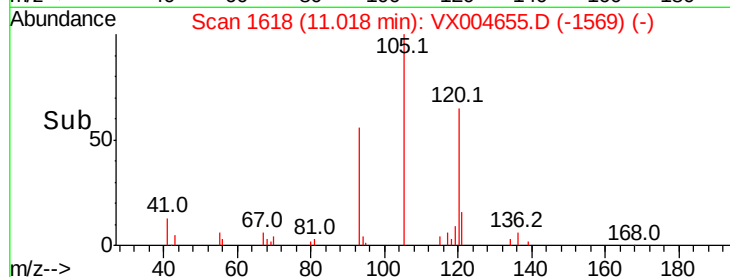
6000

4000

2000

0

Time-->



#76

1,2,3-Trichloropropane

Concen: 21.088 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX004655.D

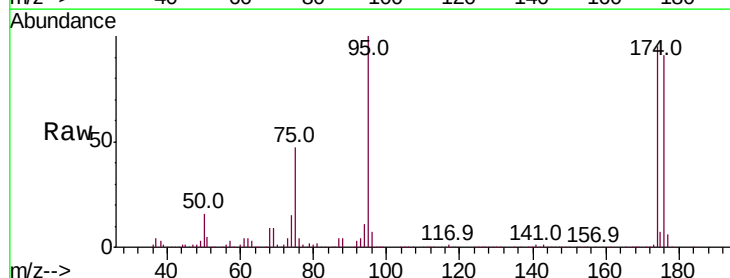
Acq: 18 Sep 2018 14:02

Tgt Ion: 75 Resp: 75906

Ion Ratio Lower Upper

75 100

77 1.2 20.2 60.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

11.14

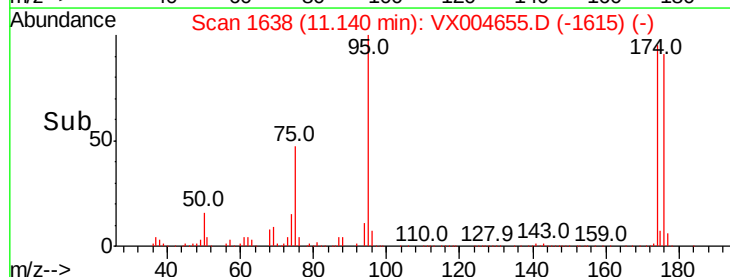
60000

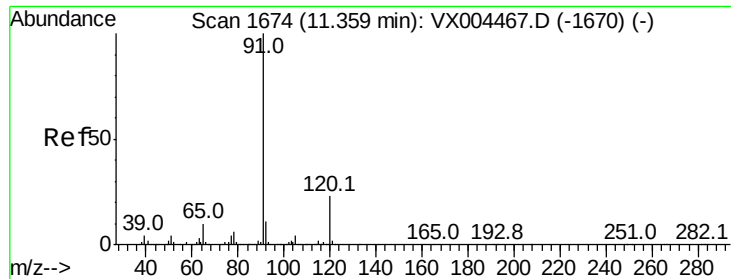
40000

20000

0

Time-->





#78

n-propylbenzene

Concen: 0.485 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX004655.D

Acq: 18 Sep 2018 14:02

Instrument :

MSVOA_X

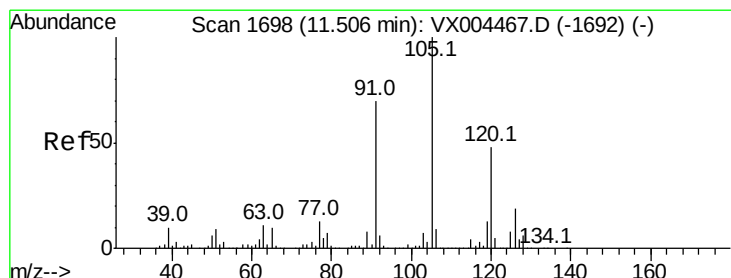
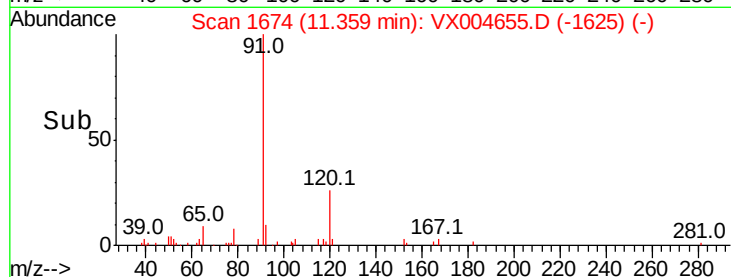
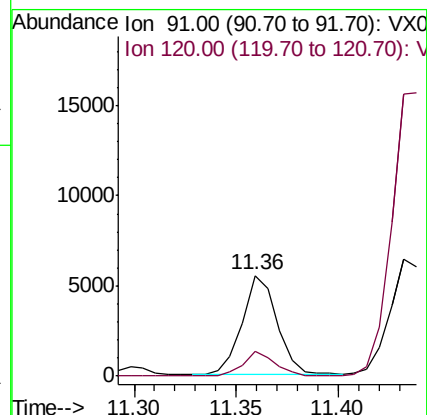
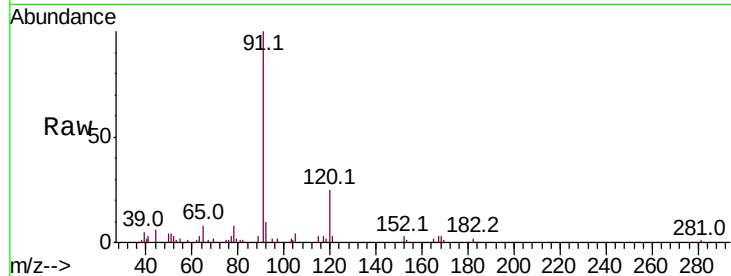
ClientSampleId :

Tot Ion: 91 Resp: 6567

Ion Ratio Lower Upper

91 100

120 23.1 11.9 35.9



#80

1,3,5-Trimethylbenzene

Concen: 9.245 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX004655.D

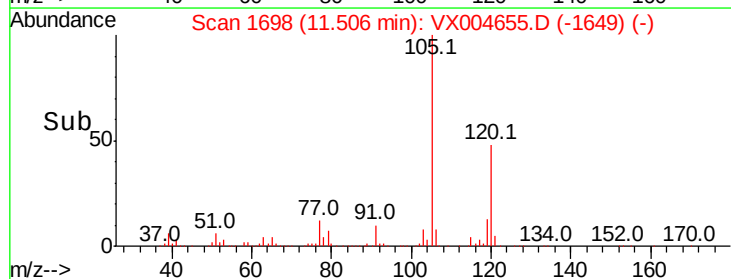
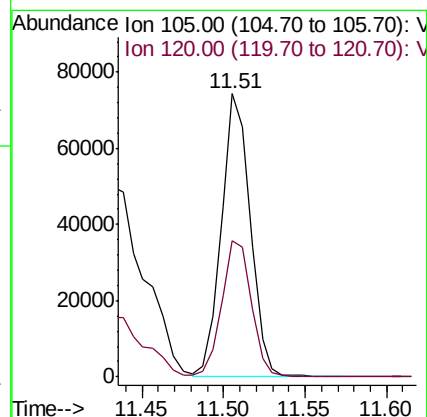
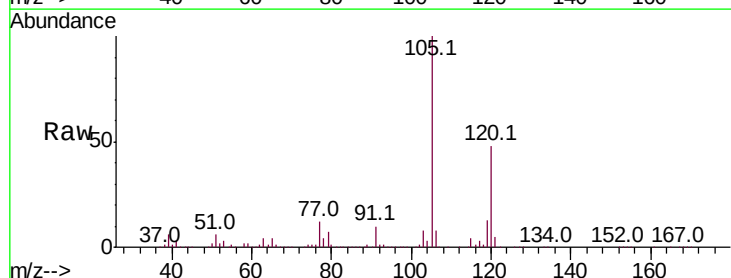
Acq: 18 Sep 2018 14:02

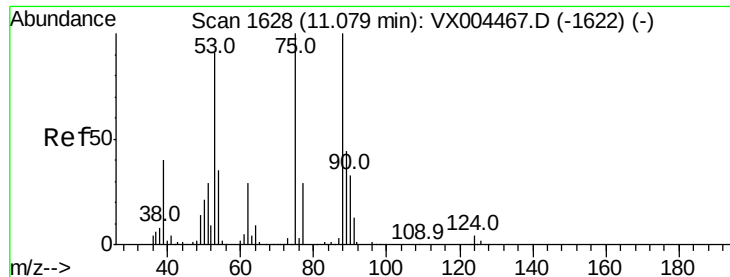
Tgt Ion:105 Resp: 91573

Ion Ratio Lower Upper

105 100

120 49.4 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 67.218 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.06 min

Lab File: VX004655.D

Acq: 18 Sep 2018 14:02

Instrument :

MSVOA_X

ClientSampleId :

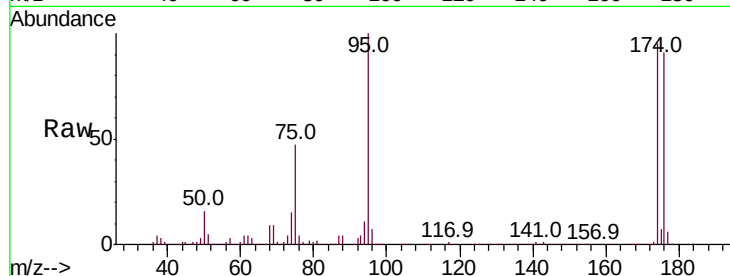
Tot Ion: 75 Resp: 75906

Ion Ratio Lower Upper

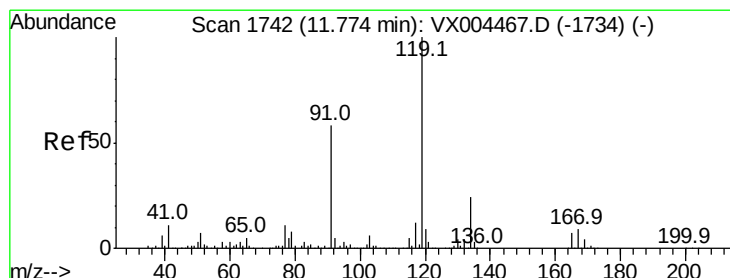
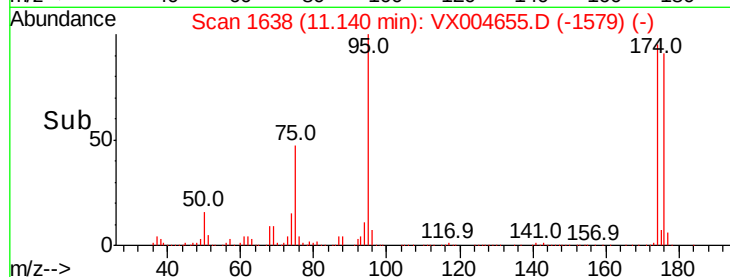
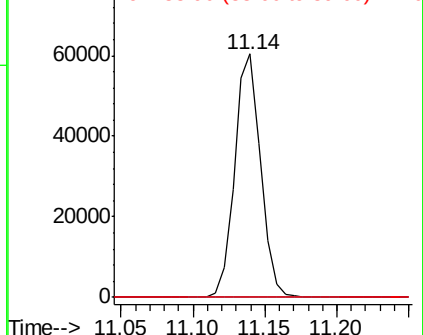
75 100

53 0.2 80.1 120.1#

89 0.0 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



#83

tert-Butylbenzene

Concen: 2.984 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.25 min

Lab File: VX004655.D

Acq: 18 Sep 2018 14:02

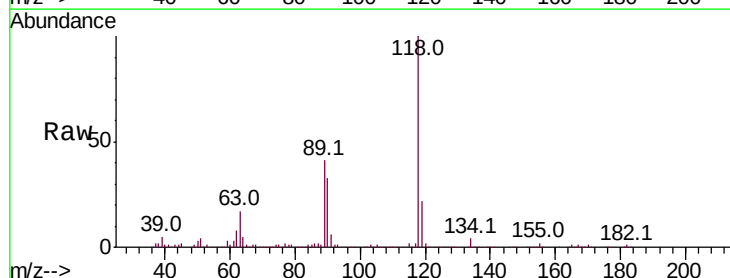
Tgt Ion:119 Resp: 28141

Ion Ratio Lower Upper

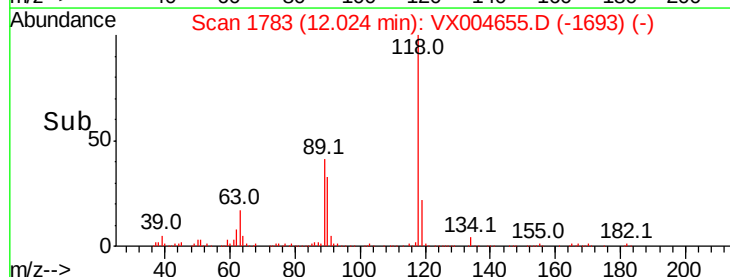
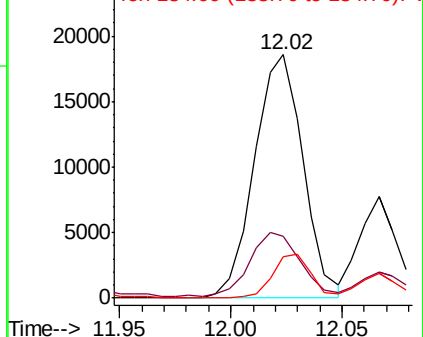
119 100

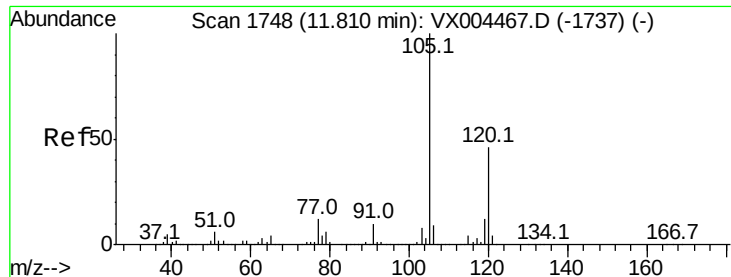
91 27.8 27.0 81.0

134 14.4 11.7 35.1



Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX0
Ion 134.00 (133.70 to 134.70): V

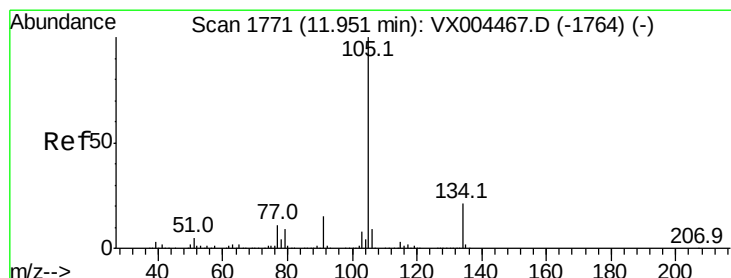
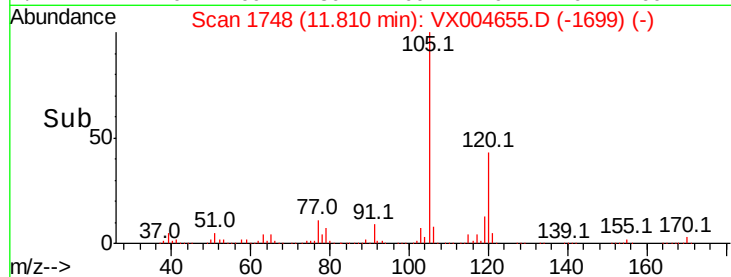
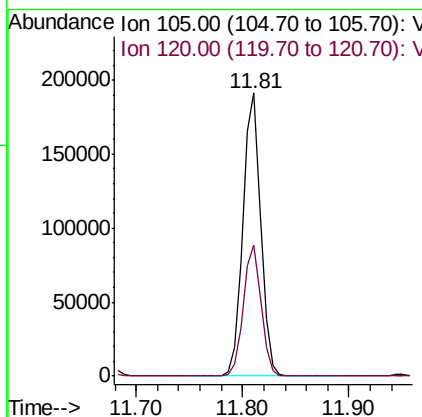
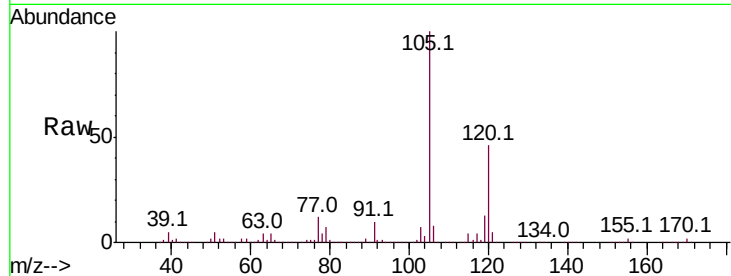




#84
 1,2,4-Trimethylbenzene
 Concen: 22.283 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: VX004655.D
 Acq: 18 Sep 2018 14:02

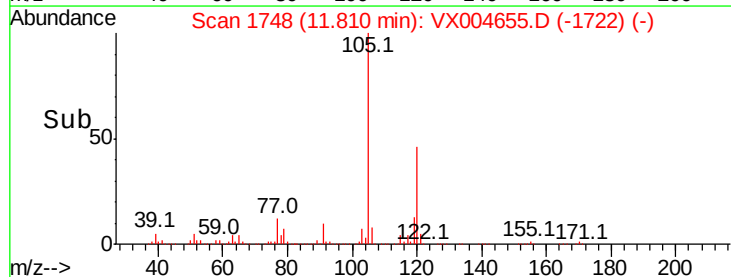
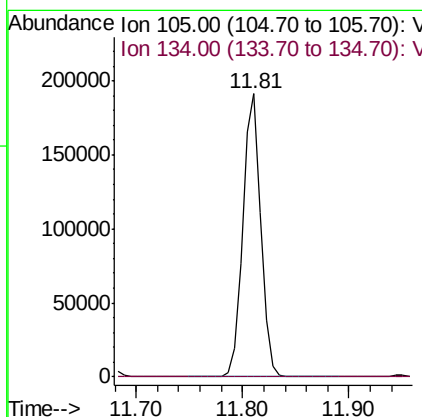
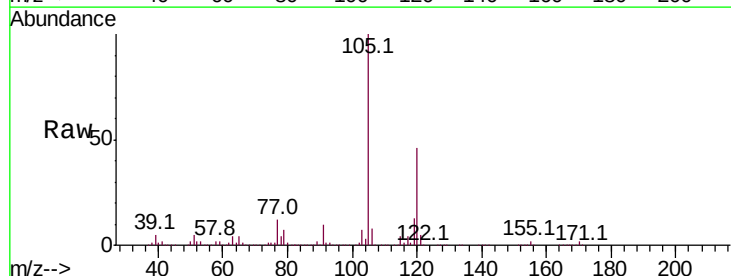
Instrument :
 MSVOA_X
 ClientSampled :

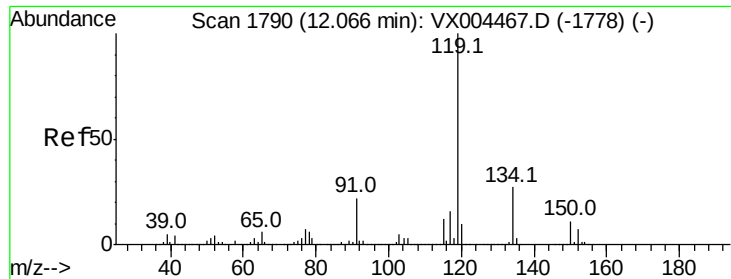
Tot Ion	Ratio	Lower	Upper
105	100		
120	46.2	23.2	69.6



#85
 sec-Butylbenzene
 Concen: 18.752 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.14 min
 Lab File: VX004655.D
 Acq: 18 Sep 2018 14:02

Tgt Ion	Ratio	Lower	Upper
105	100		
134	0.1	10.5	31.5#

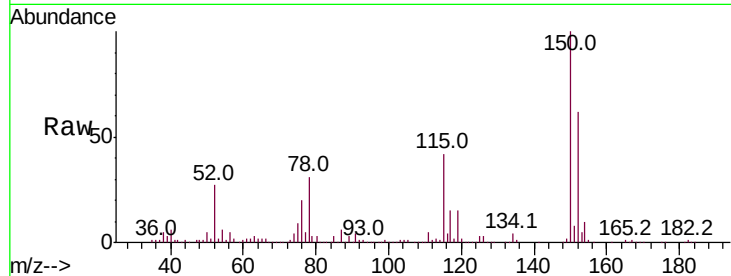




#86
 p-Isopropyltoluene
 Concen: 0.826 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX004655.D
 Acq: 18 Sep 2018 14:02

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
119	100		
134	25.8	13.4	40.2
91	28.7	10.9	32.7

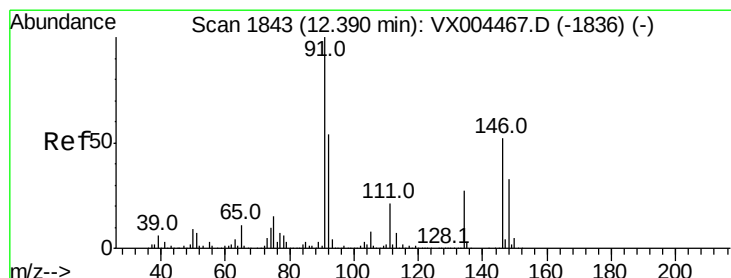
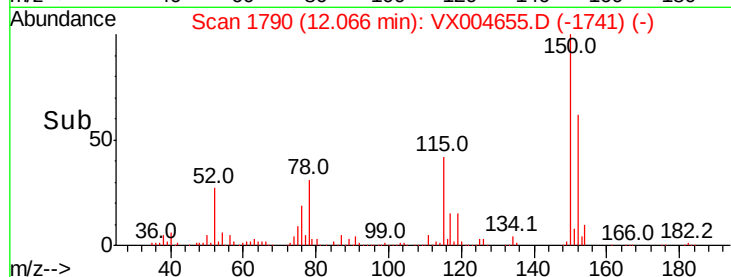
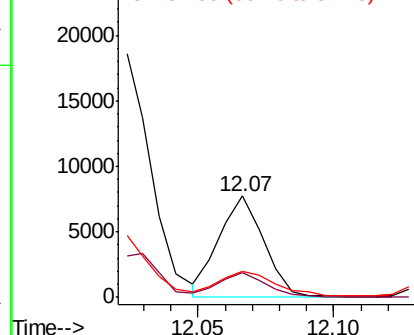


Abundance

Ion 119.00 (118.70 to 119.70): V

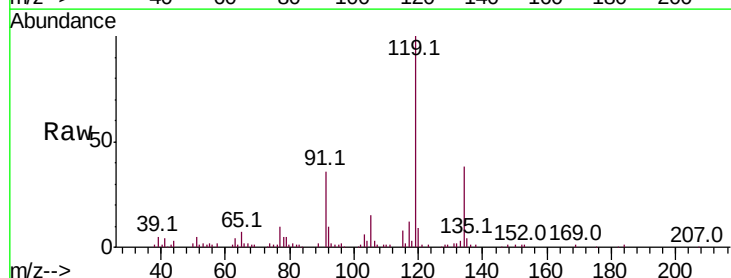
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#89
 n-Butylbenzene
 Concen: 0.864 ug/l
 RT: 12.38 min Scan# 1842
 Delta R.T. -0.01 min
 Lab File: VX004655.D
 Acq: 18 Sep 2018 14:02

Tgt Ion	Ratio	Lower	Upper
91	100		
92	31.3	27.3	81.9
134	119.8	13.6	40.7#

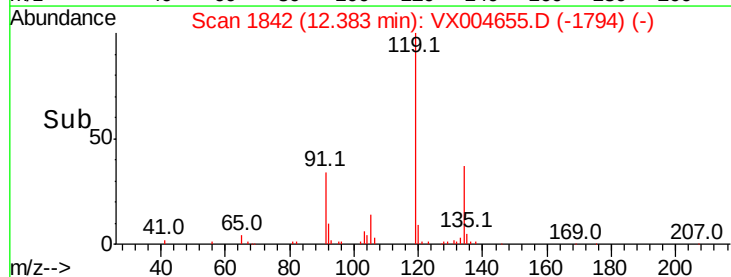
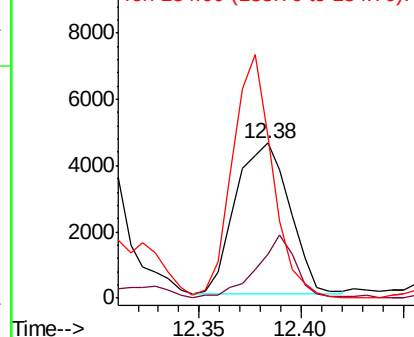


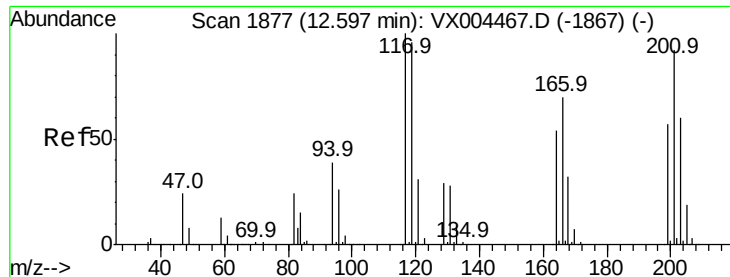
Abundance

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: 2.287 ug/l

RT: 12.61 min Scan# 1879

Delta R.T. 0.01 min

Lab File: VX004655.D

Acq: 18 Sep 2018 14:02

Instrument :

MSVOA_X

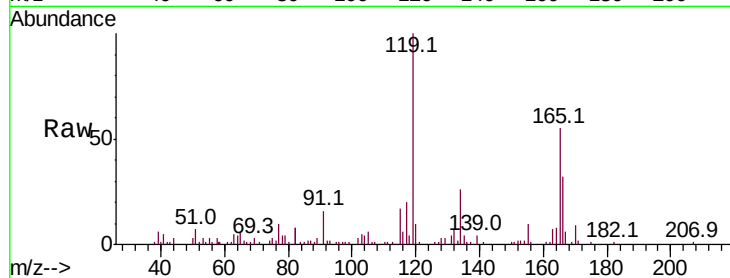
ClientSampled :

Tot Ion:117 Resp: 3886

Ion Ratio Lower Upper

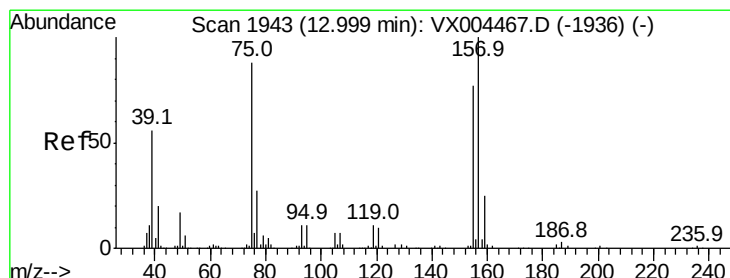
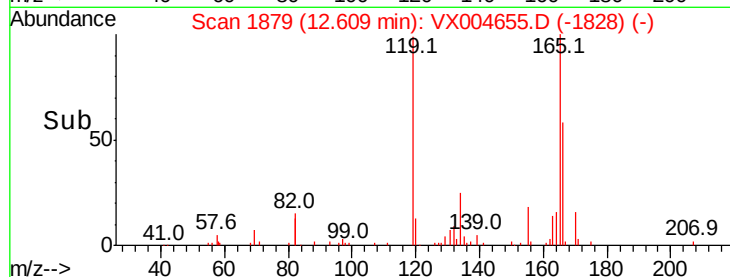
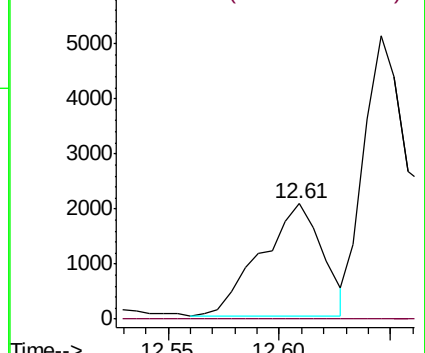
117 100

201 0.0 46.9 140.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 9.845 ug/l

RT: 13.02 min Scan# 1947

Delta R.T. 0.02 min

Lab File: VX004655.D

Acq: 18 Sep 2018 14:02

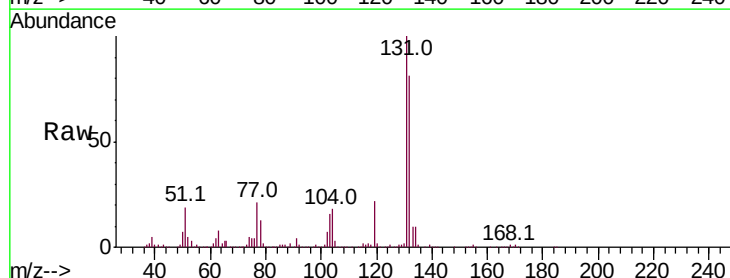
Tgt Ion: 75 Resp: 7989

Ion Ratio Lower Upper

75 100

155 0.0 48.0 144.2#

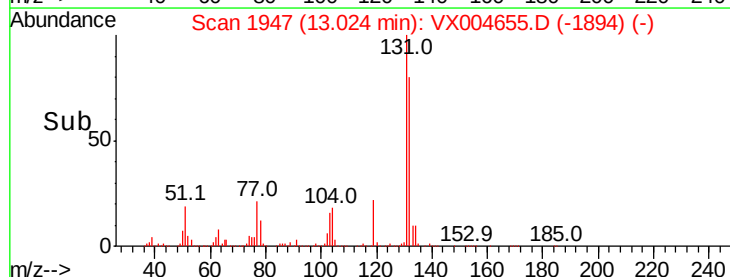
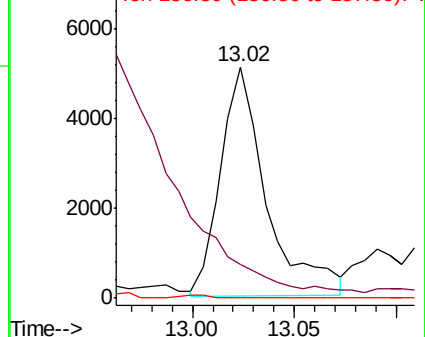
157 0.9 61.4 184.1#

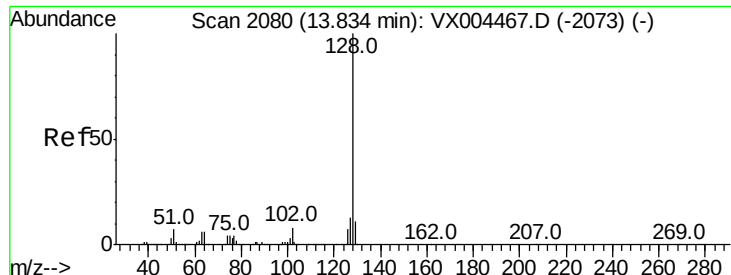


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95

Naphthalene

Concen: 751.572 ug/l

RT: 13.84 min Scan# 2081

Delta R.T. 0.01 min

Lab File: VX004655.D

Acq: 18 Sep 2018 14:02

Instrument :

MSVOA_X

ClientSampleId :

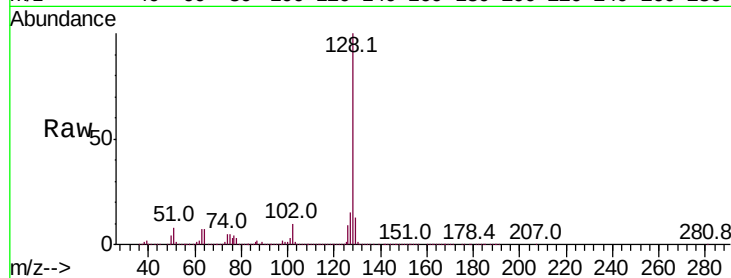
Tot Ion:128 Resp: 9179766

Ion Ratio Lower Upper

128 100

127 14.3 10.2 15.2

129 12.4 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

