

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062718\
 Data File : VX002945.D
 Acq On : 27 Jun 2018 19:09
 Operator : JC/MD
 Sample : J3707-12 20X
 Misc : 5.91µ/5mL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 28 03:16:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	264599	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	370120	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	347977	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	208359	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	176106	48.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.30%	
35) Dibromofluoromethane	5.51	113	139333	47.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.08%	
50) Toluene-d8	8.72	98	522452	48.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.62%	
62) 4-Bromofluorobenzene	11.14	95	199496	48.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.66%	

Target Compounds

						Qvalue
3) Chloromethane	1.33	50	511	Below Cal	#	69
4) Vinyl Chloride	1.40	62	4200	1.40 ug/l	#	67
5) Bromomethane	1.64	94	1477	Below Cal		97
6) Chloroethane	1.71	64	193	Below Cal		93
10) Methyl Iodide	2.52	142	1114	6.55 ug/l	#	91
11) Tert butyl alcohol	3.02	59	3330	4.57 ug/l	#	75
12) 1,1-Dichloroethene	2.37	96	828	0.32 ug/l		89
13) Acrolein	2.27	56	116	4.51 ug/l	#	1
16) Acetone	2.45	43	989	0.65 ug/l		95
20) Methylene Chloride	2.86	84	901	0.31 ug/l	#	83
21) trans-1,2-Dichloroethene	3.17	96	1440	0.51 ug/l	#	84
27) cis-1,2-Dichloroethene	4.60	96	240318	75.41 ug/l		83
29) Tetrahydrofuran	5.18	42	1200	0.83 ug/l	#	70
31) Cyclohexane	5.57	56	2848	0.62 ug/l		93
36) 1,1-Dichloropropene	5.67	75	18020	4.44 ug/l	#	50
38) Carbon Tetrachloride	5.67	117	24207	5.43 ug/l	#	17
39) Methylcyclohexane	7.46	83	11106	2.35 ug/l		94
43) Isopropyl Acetate	6.35	43	3633	0.50 ug/l	#	63
51) 4-Methyl-2-Pentanone	8.67	43	1007	0.22 ug/l	#	39
52) Toluene	8.79	92	1547	0.20 ug/l		98
73) Isopropylbenzene	11.02	105	11875	0.85 ug/l		95
74) N-amyl acetate	6.35	43	3633	0.53 ug/l	#	59
75) 1,1,2,2-Tetrachloroethane	11.28	83	3942	0.91 ug/l	#	26
76) 1,2,3-Trichloropropane	11.14	75	103363	27.39 ug/l	#	33
78) n-propylbenzene	11.37	91	16018	1.00 ug/l		99
81) trans-1,4-Dichloro-2-buten	11.14	75	103363	77.48 ug/l	#	9
83) tert-Butylbenzene	11.77	119	13078	1.12 ug/l		90
84) 1,2,4-Trimethylbenzene	11.81	105	16957	1.39 ug/l		100
85) sec-Butylbenzene	11.95	105	38473	2.73 ug/l	#	56
86) p-Isopropyltoluene	12.07	119	32436	2.56 ug/l		99
87) 1,3-Dichlorobenzene	12.03	146	1796	0.25 ug/l	#	1
88) 1,4-Dichlorobenzene	12.10	146	3781	0.50 ug/l	#	18
89) n-Butylbenzene	12.39	91	42241	3.82 ug/l	#	69
90) Hexachloroethane	12.59	117	4558	2.41 ug/l	#	1

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ClientSampleId :

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration

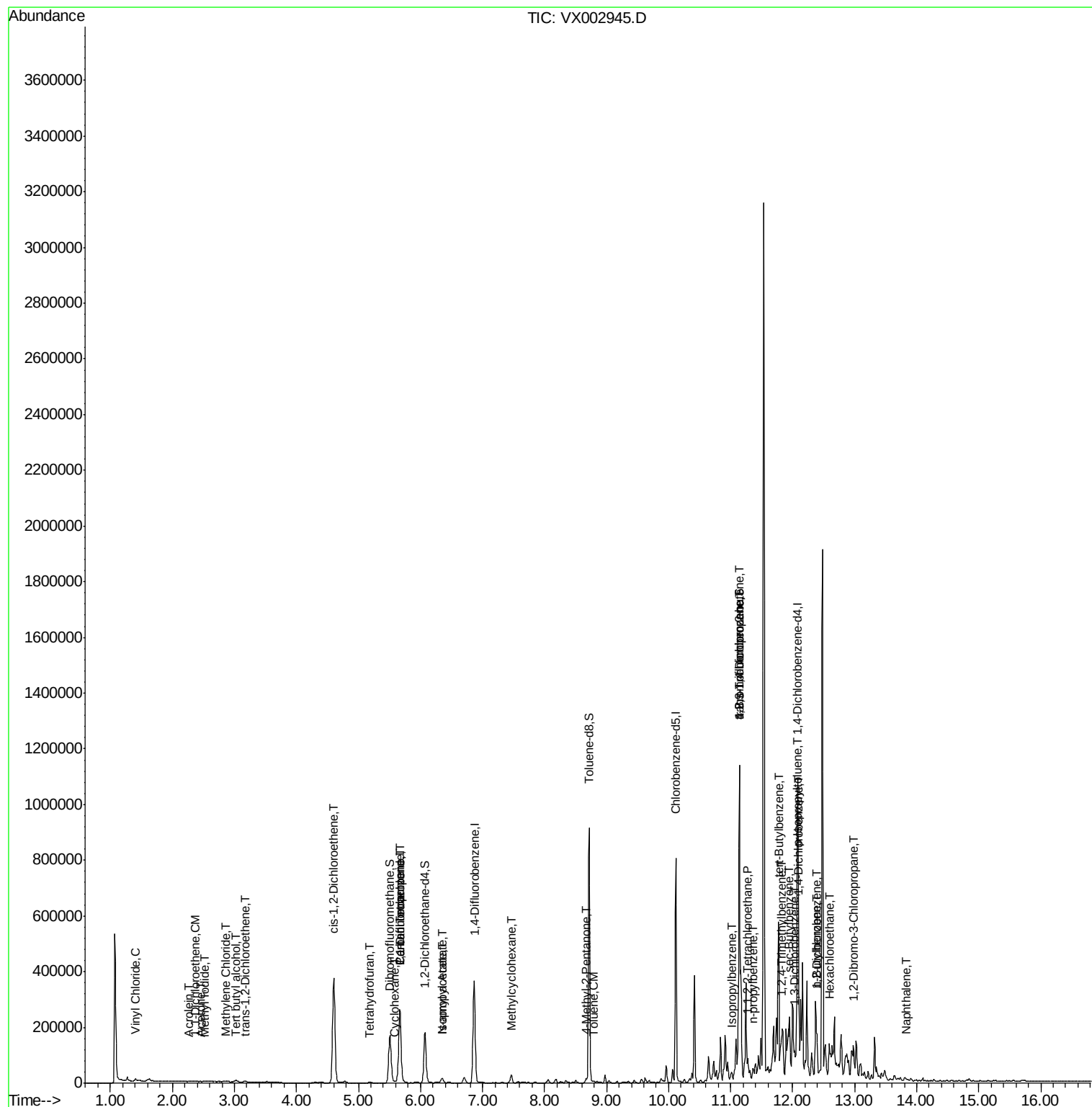
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) 1,2-Dichlorobenzene	12.40	146	8702	1.18	ug/l #	85
92) 1,2-Dibromo-3-Chloropropan	12.98	75	587	0.60	ug/l #	5
95) Naphthalene	13.83	128	3348	0.23	ug/l #	83

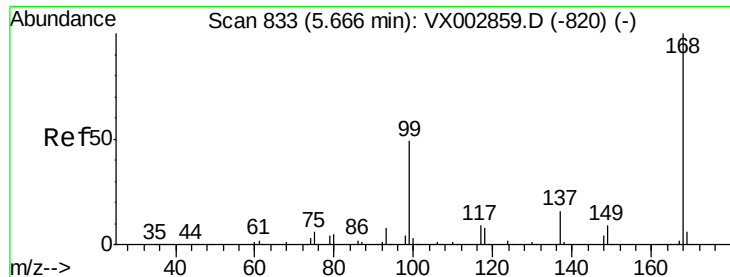
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX002945.D

Acq: 27 Jun 2018 19:09

Instrument :

MSVOA_X

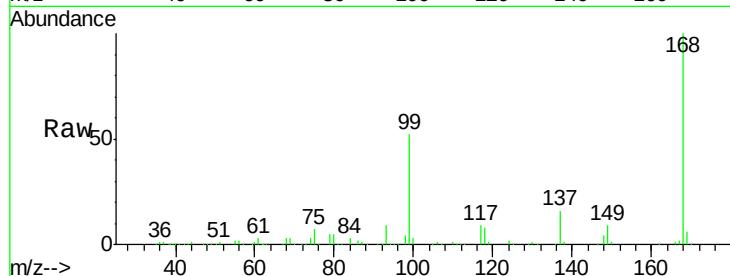
ClientSampleId :

Tot Ion:168 Resp: 264599

Ion Ratio Lower Upper

168 100

99 51.6 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

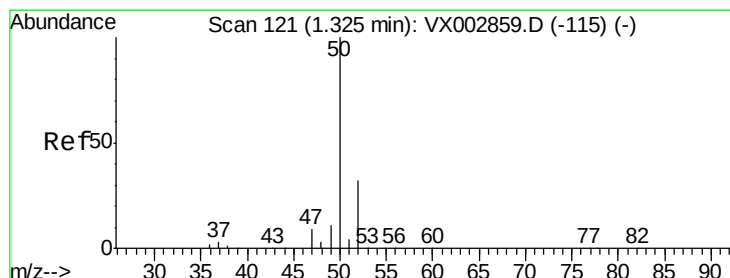
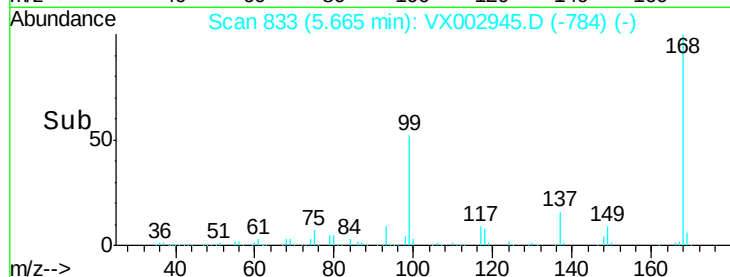
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: Below Cal

RT: 1.33 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX002945.D

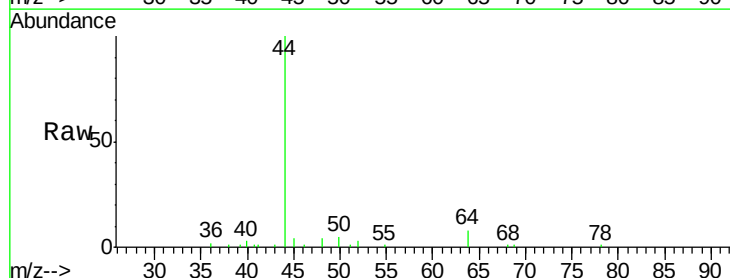
Acq: 27 Jun 2018 19:09

Tgt Ion: 50 Resp: 511

Ion Ratio Lower Upper

50 100

52 49.7 25.7 38.5#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.33

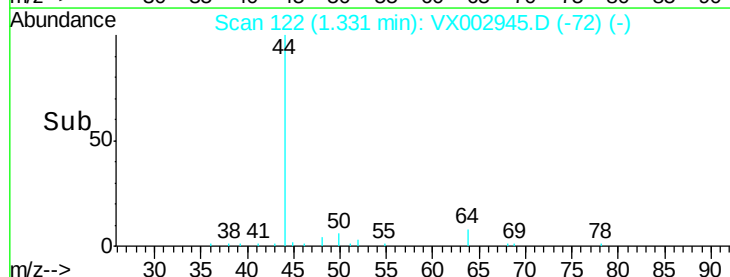
300

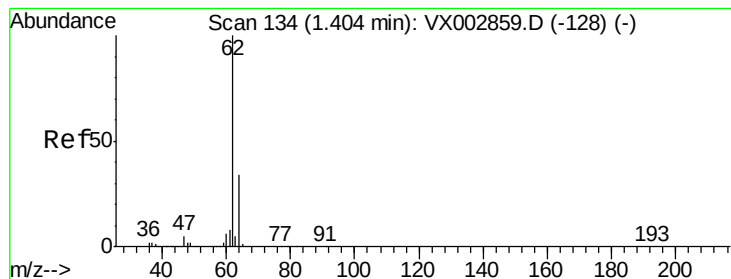
200

100

0

Time--> 1.30 1.32 1.34 1.36





#4

Vinyl Chloride

Concen: 1.40 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX002945.D

Acq: 27 Jun 2018 19:09

Instrument :

MSVOA_X

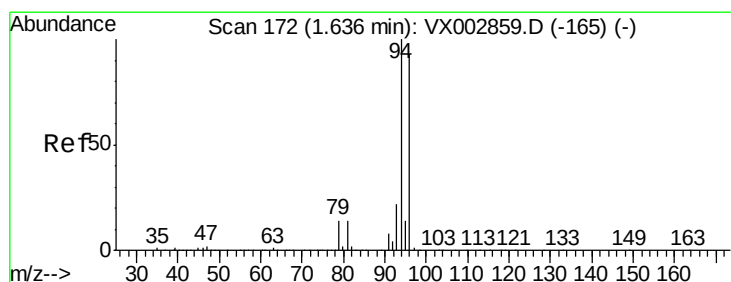
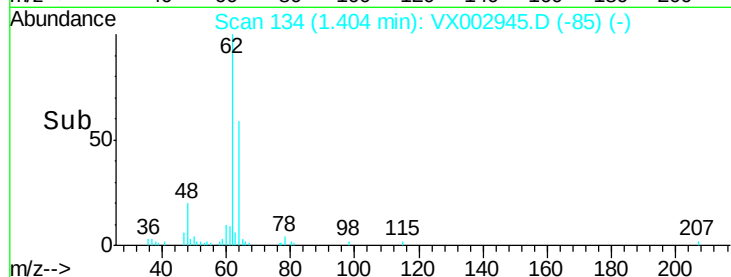
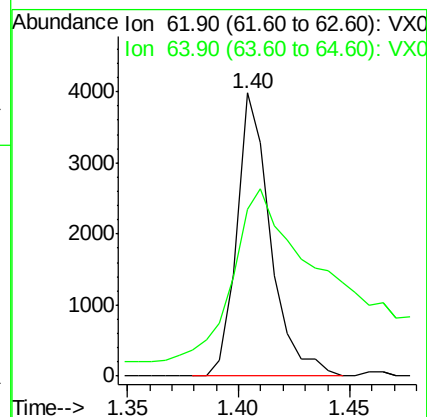
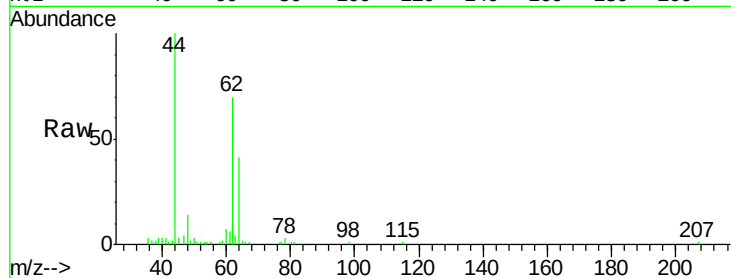
ClientSampleId :

Tot Ion: 62 Resp: 4200

Ion Ratio Lower Upper

62 100

64 50.0 25.4 38.2#



#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX002945.D

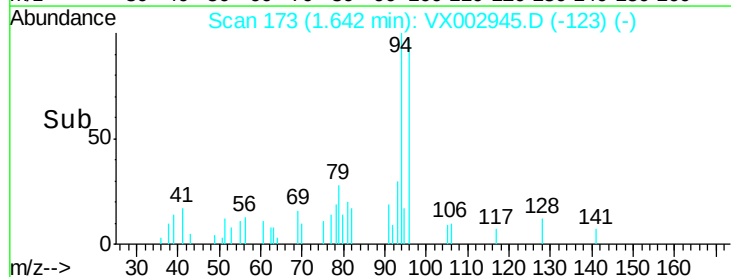
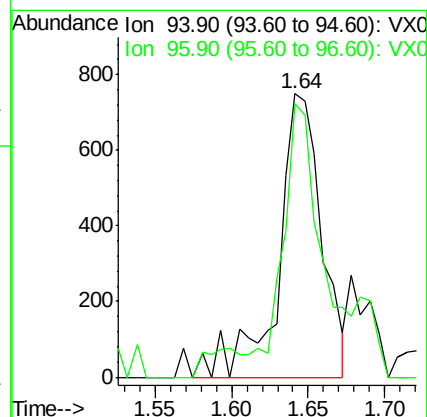
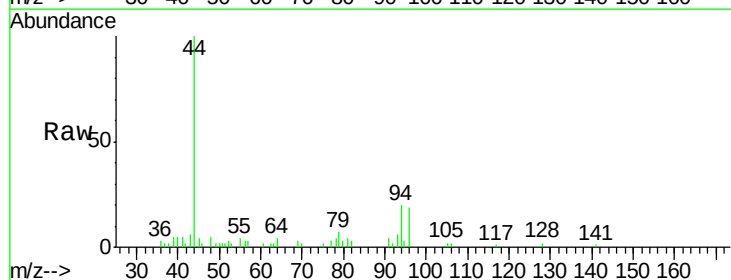
Acq: 27 Jun 2018 19:09

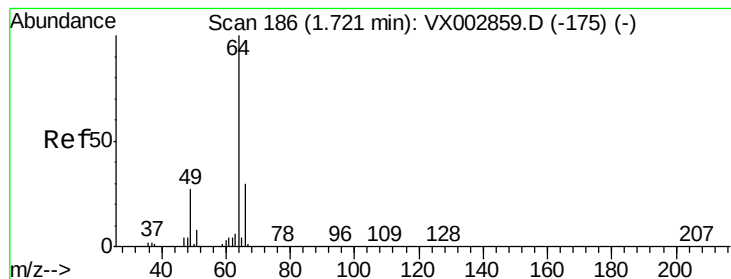
Tgt Ion: 94 Resp: 1477

Ion Ratio Lower Upper

94 100

96 96.5 74.9 112.3





#6

Chloroethane

Concen: Below Cal

RT: 1.71 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX002945.D

Acq: 27 Jun 2018 19:09

Instrument :

MSVOA_X

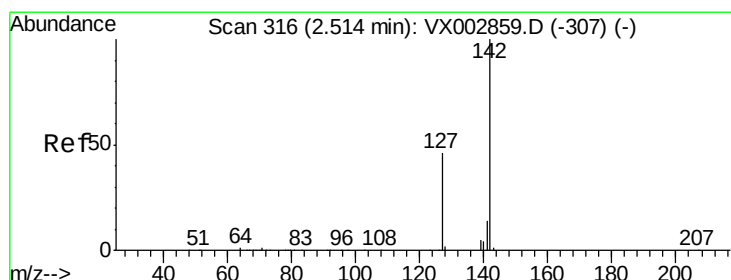
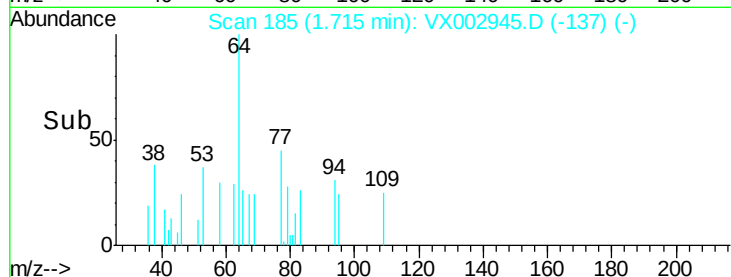
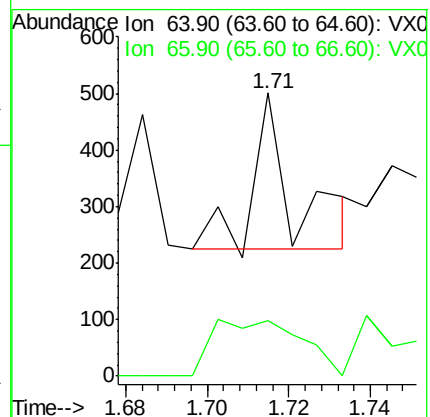
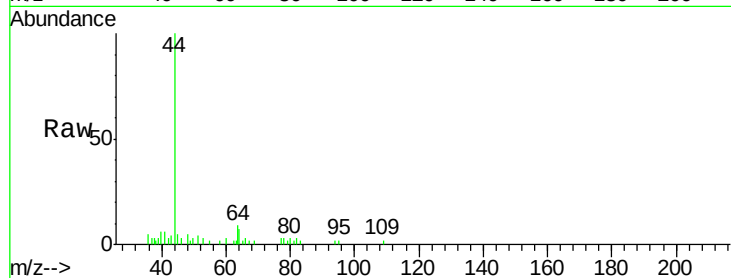
ClientSampleId :

Tot Ion: 64 Resp: 193

Ion Ratio Lower Upper

64 100

66 35.6 25.5 38.3



#10

Methyl Iodide

Concen: 6.55 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX002945.D

Acq: 27 Jun 2018 19:09

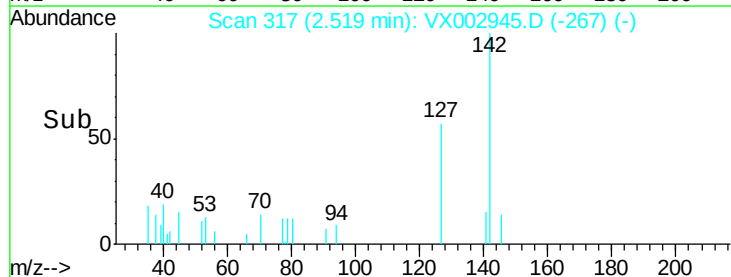
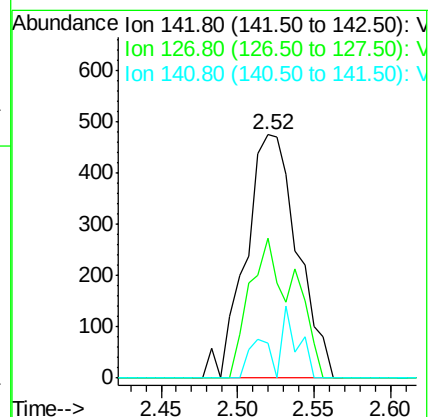
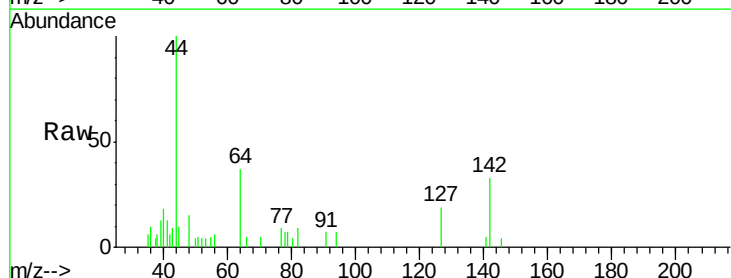
Tgt Ion: 142 Resp: 1114

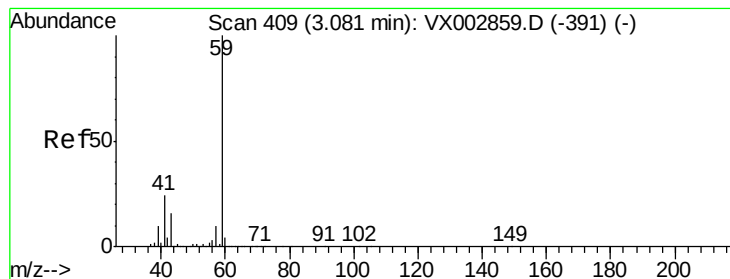
Ion Ratio Lower Upper

142 100

127 49.7 36.6 55.0

141 6.6 11.3 16.9#





#11

Tert butyl alcohol

Concen: 4.57 ug/l

RT: 3.02 min Scan# 399

Delta R.T. -0.06 min

Lab File: VX002945.D

Acq: 27 Jun 2018 19:09

Instrument :

MSVOA_X

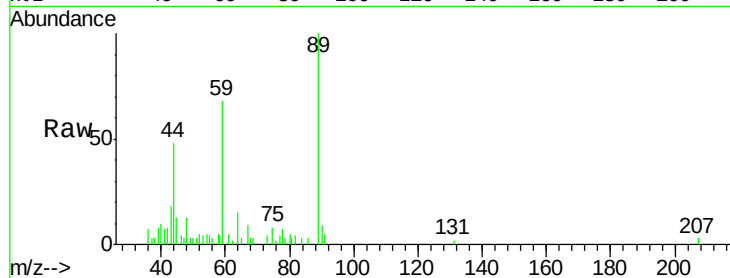
ClientSampleId :

Tot Ion: 59 Resp: 3330

Ion Ratio Lower Upper

59 100

57 0.8 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.02

1500

1000

500

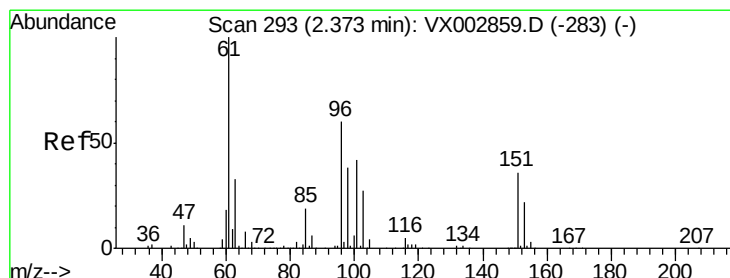
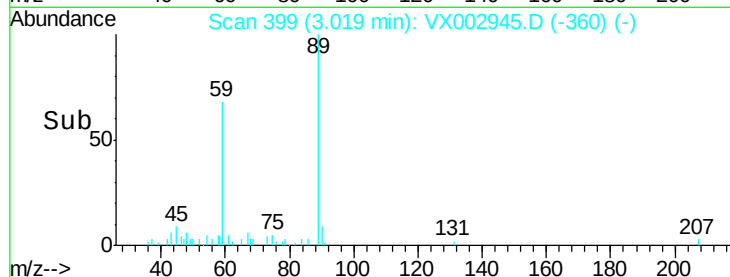
0

Time-->

2.90

3.00

3.10



#12

1,1-Dichloroethene

Concen: 0.32 ug/l

RT: 2.37 min Scan# 293

Delta R.T. -0.00 min

Lab File: VX002945.D

Acq: 27 Jun 2018 19:09

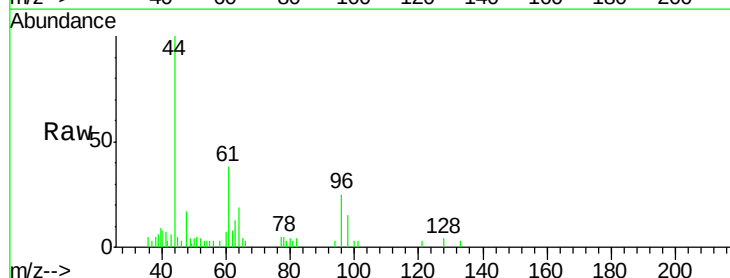
Tgt Ion: 96 Resp: 828

Ion Ratio Lower Upper

96 100

61 153.0 137.9 206.9

98 61.6 51.6 77.4



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

1000

800

600

400

200

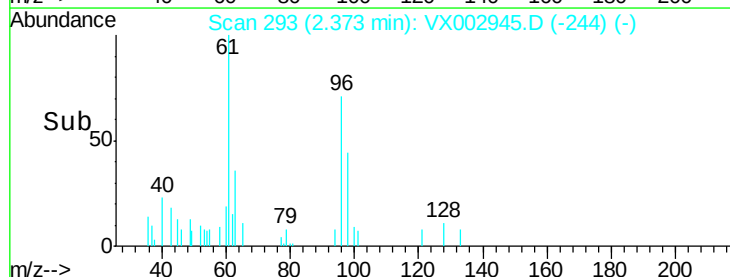
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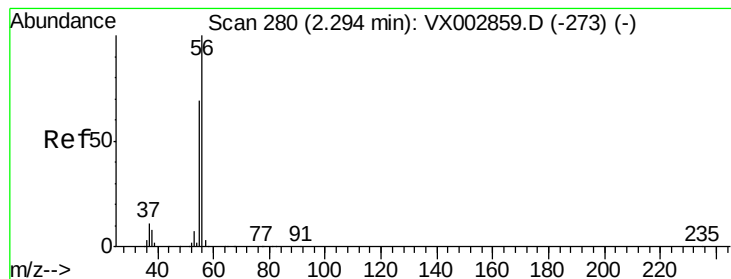
Time-->

2.35

2.40

2.45





#13

Acrolein

Concen: 4.51 ug/l

RT: 2.27 min Scan# 276

Delta R.T. -0.02 min

Lab File: VX002945.D

Acq: 27 Jun 2018 19:09

Instrument :

MSVOA_X

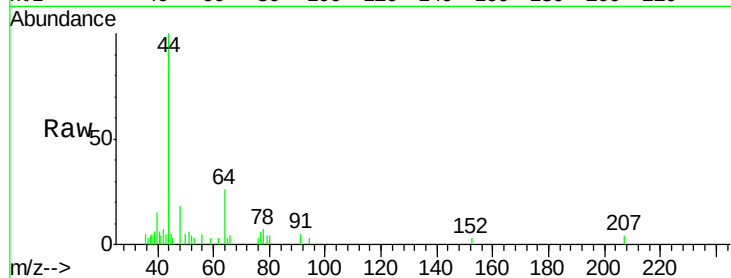
ClientSampled :

Tot Ion: 56 Resp: 116

Ion Ratio Lower Upper

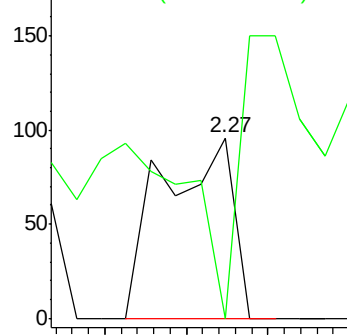
56 100

55 155.2 57.0 85.4#

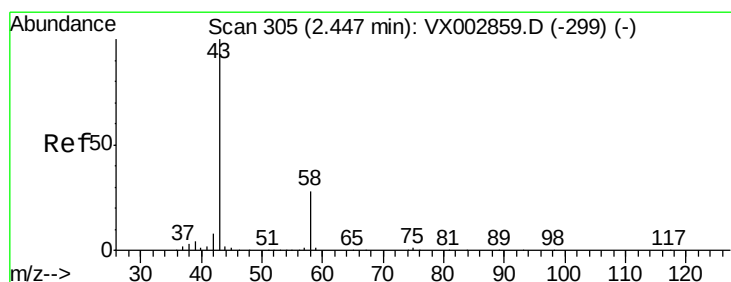
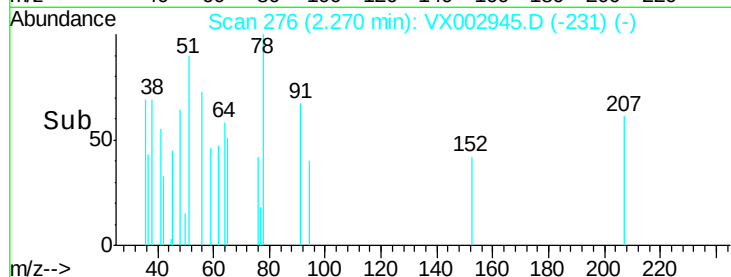


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



Time-->



#16

Acetone

Concen: 0.65 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX002945.D

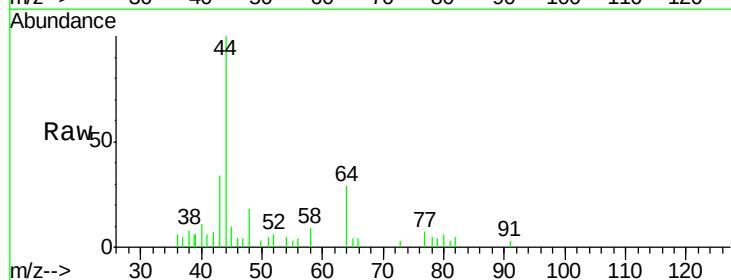
Acq: 27 Jun 2018 19:09

Tgt Ion: 43 Resp: 989

Ion Ratio Lower Upper

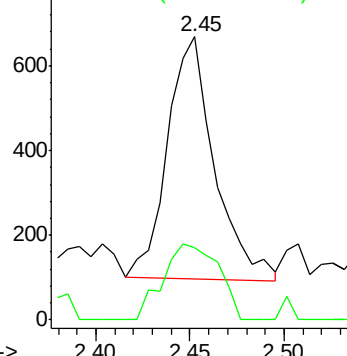
43 100

58 30.2 22.1 33.1

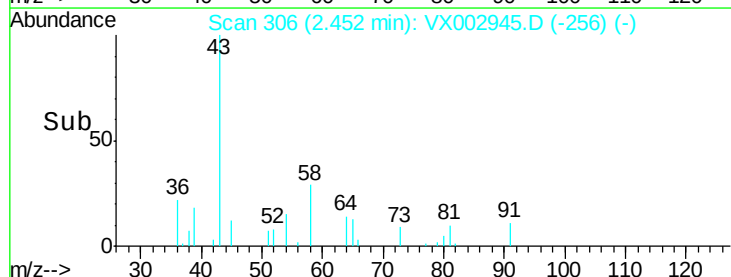


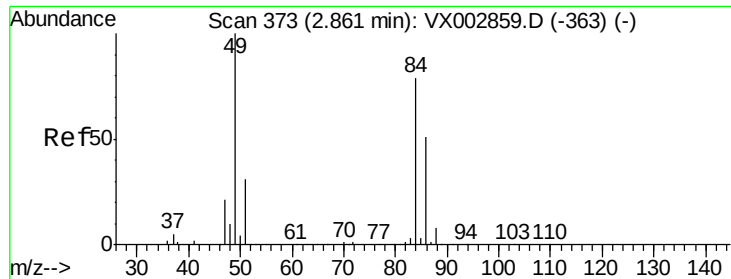
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->

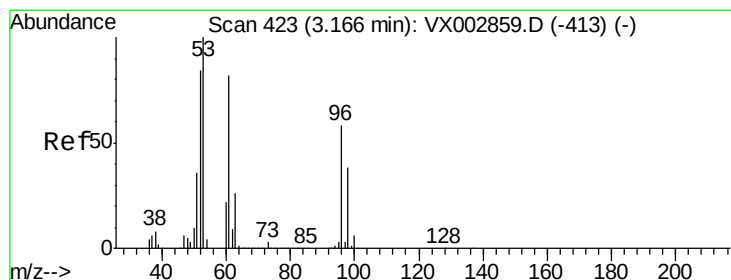
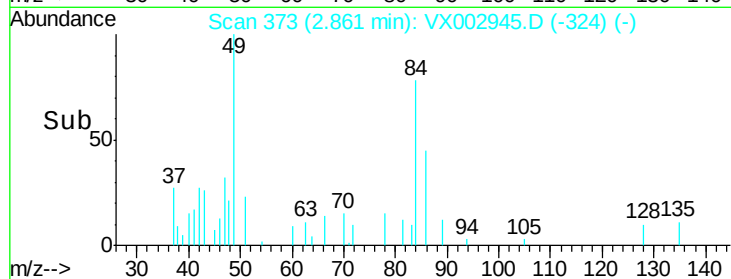
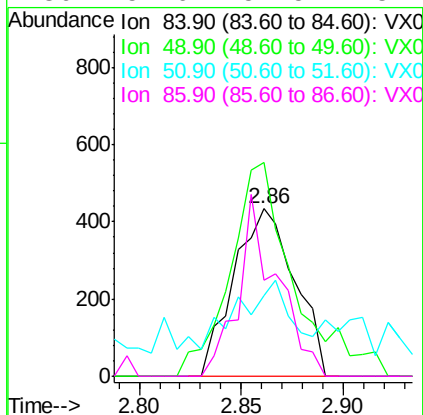
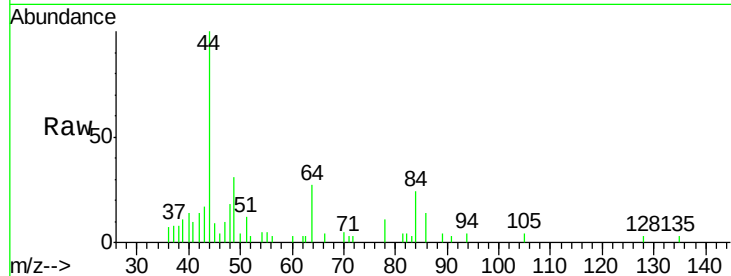




#20
Methylene Chloride
Concen: 0.31 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX002945.D
Acq: 27 Jun 2018 19:09

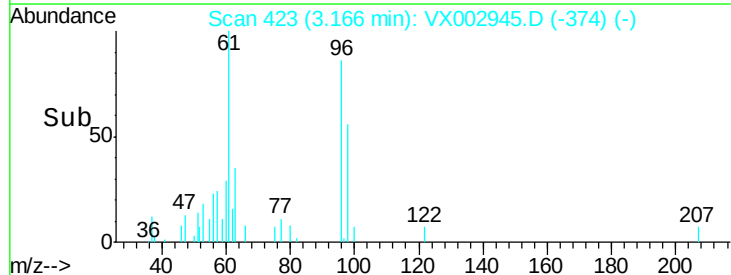
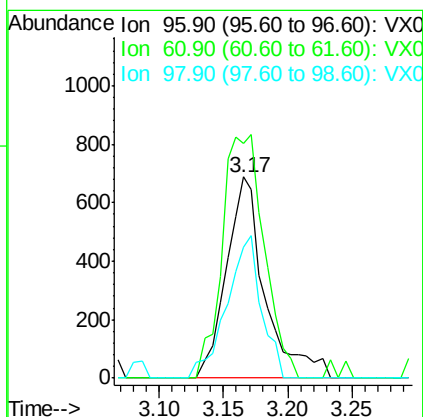
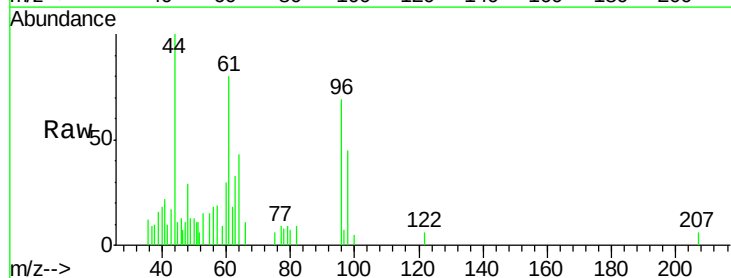
Instrument :
MSVOA_X
ClientSampled :

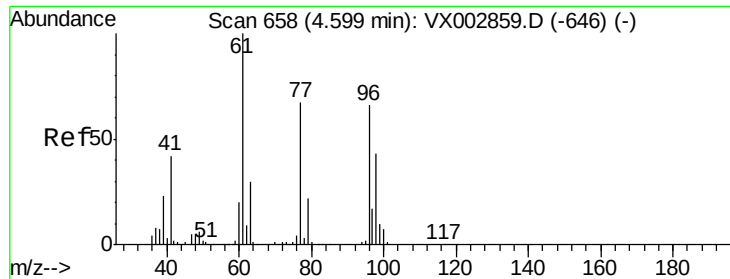
Tot Ion: 84 Resp: 901
Ion Ratio Lower Upper
84 100
49 112.9 107.8 161.6
51 24.4 32.8 49.2#
86 57.6 52.5 78.7



#21
trans-1,2-Dichloroethene
Concen: 0.51 ug/l
RT: 3.17 min Scan# 423
Delta R.T. -0.00 min
Lab File: VX002945.D
Acq: 27 Jun 2018 19:09

Tgt Ion: 96 Resp: 1440
Ion Ratio Lower Upper
96 100
61 116.9 117.0 175.4#
98 65.1 52.4 78.6



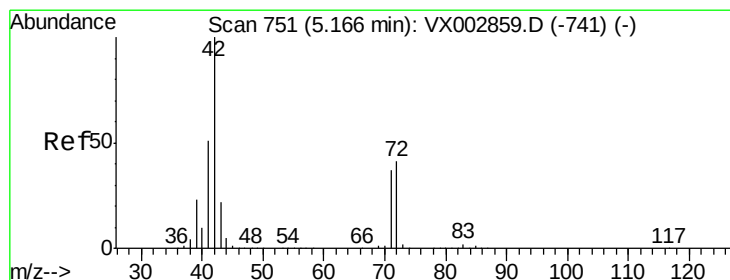
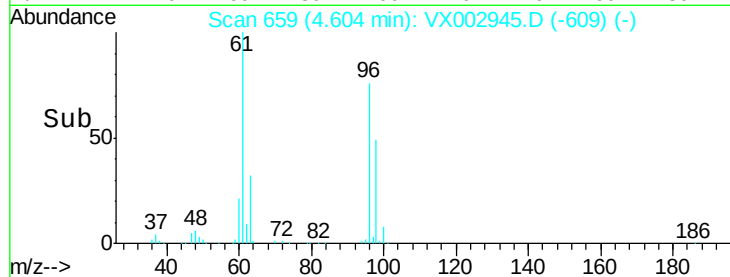
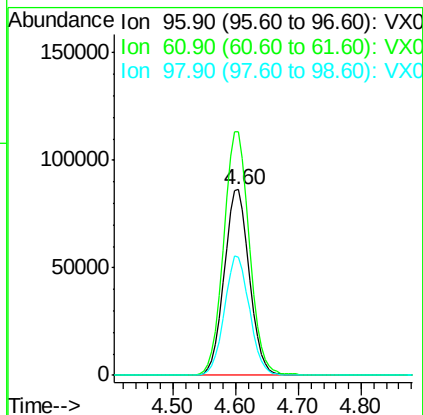
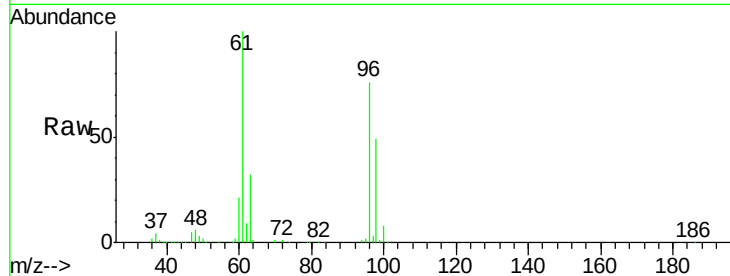


#27

cis-1,2-Dichloroethene
 Concen: 75.41 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. 0.01 min
 Lab File: VX002945.D
 Acq: 27 Jun 2018 19:09

Instrument :
 MSVOA_X
 ClientSampled :

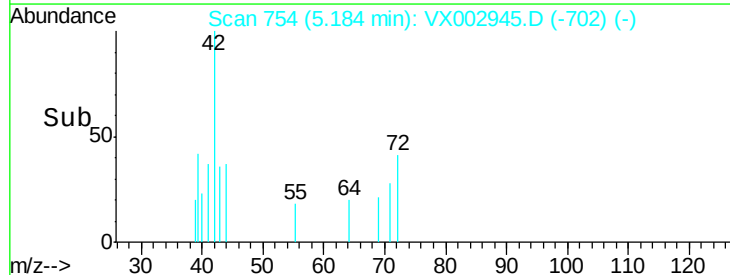
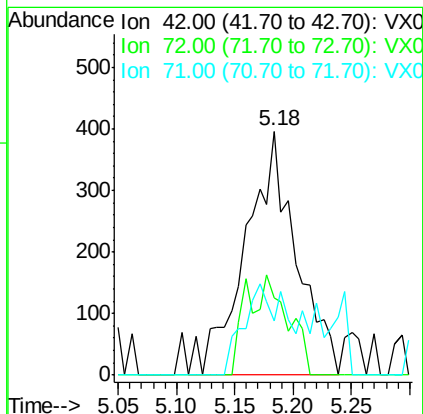
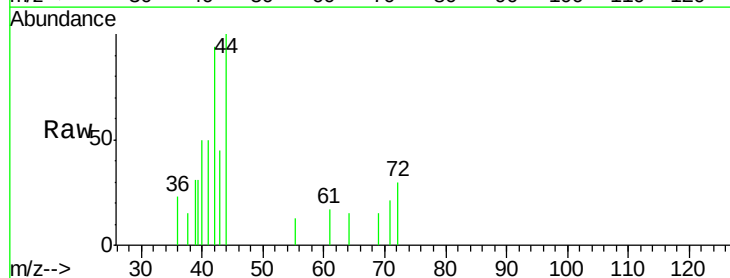
Tot Ion	Ratio	Lower	Upper
96	100		
61	134.3	0.0	330.2
98	64.0	0.0	130.2

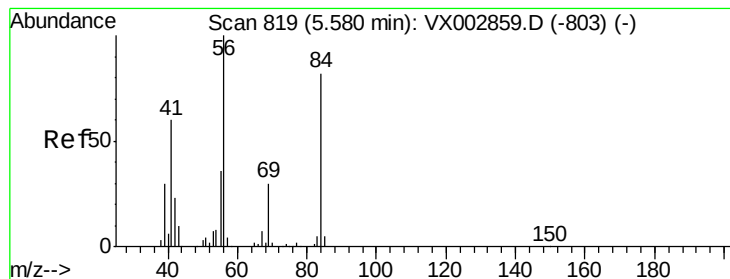


#29

Tetrahydrofuran
 Concen: 0.83 ug/l
 RT: 5.18 min Scan# 754
 Delta R.T. 0.02 min
 Lab File: VX002945.D
 Acq: 27 Jun 2018 19:09

Tgt Ion	Ratio	Lower	Upper
42	100		
72	19.8	32.0	48.0#
71	21.0	30.1	45.1#





#31

Cyclohexane

Concen: 0.62 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX002945.D

Acq: 27 Jun 2018 19:09

Instrument :

MSVOA_X

ClientSampleId :

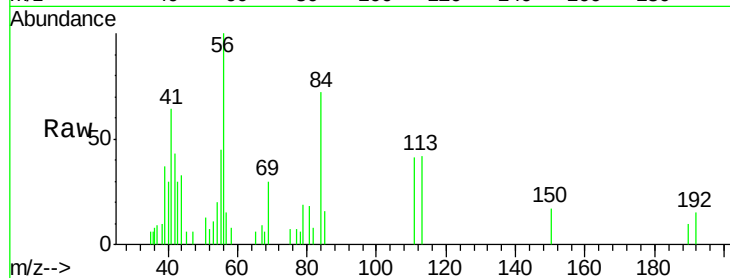
Tot Ion: 56 Resp: 2848

Ion Ratio Lower Upper

56 100

69 30.1 23.7 35.5

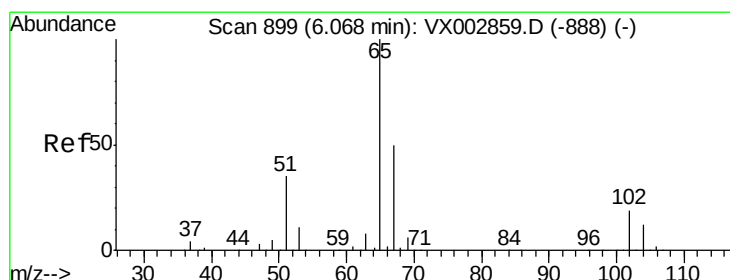
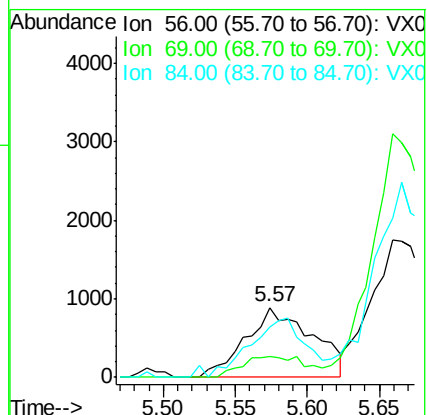
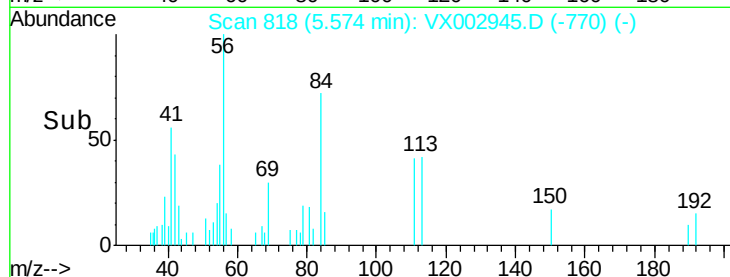
84 72.3 64.1 96.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 48.15 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX002945.D

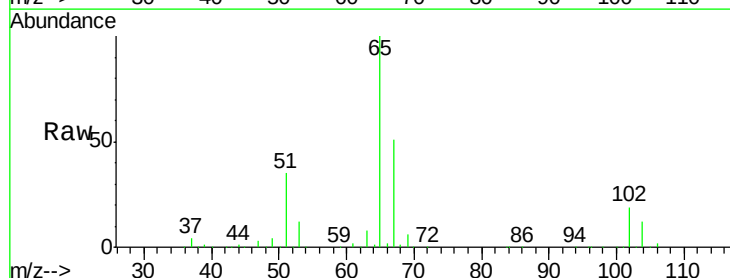
Acq: 27 Jun 2018 19:09

Tgt Ion: 65 Resp: 176106

Ion Ratio Lower Upper

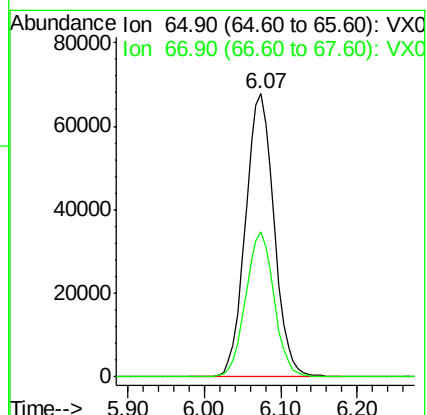
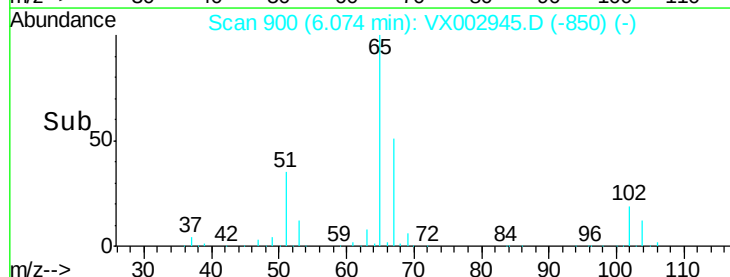
65 100

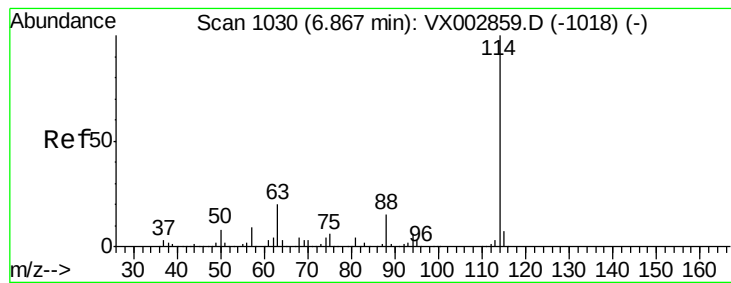
67 50.8 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002945.D

Acq: 27 Jun 2018 19:09

Instrument :

MSVOA_X

ClientSampleId :

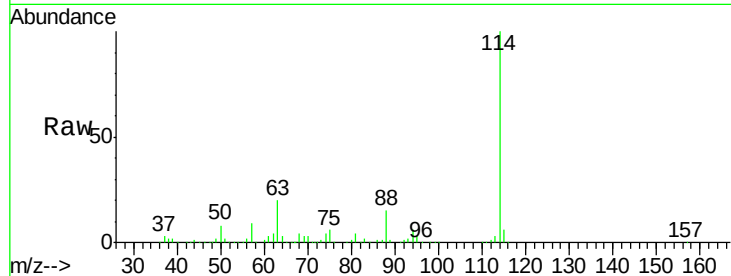
Tot Ion:114 Resp: 370120

Ion Ratio Lower Upper

114 100

63 20.4 0.0 41.4

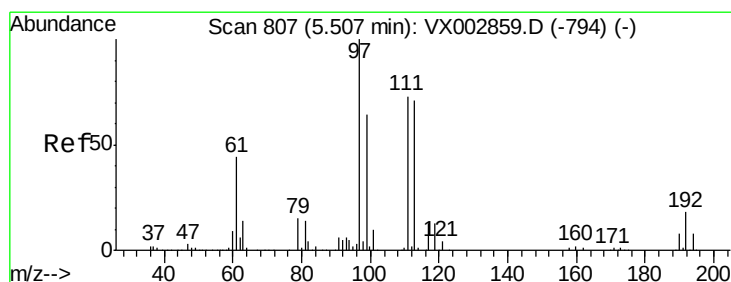
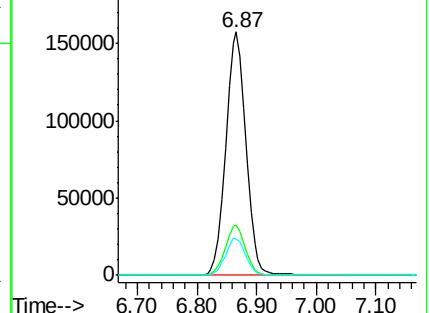
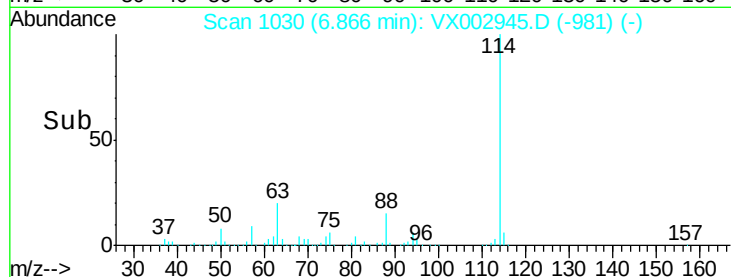
88 14.8 0.0 30.0



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: 47.54 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002945.D

Acq: 27 Jun 2018 19:09

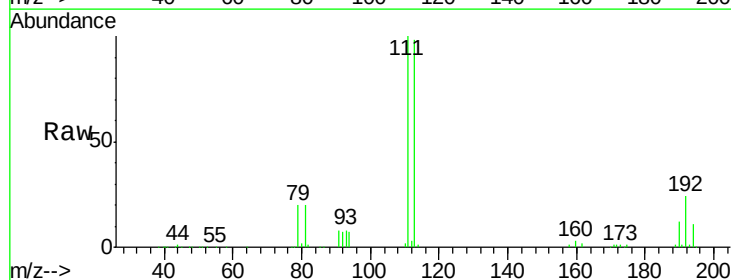
Tgt Ion:113 Resp: 139333

Ion Ratio Lower Upper

113 100

111 101.8 81.4 122.0

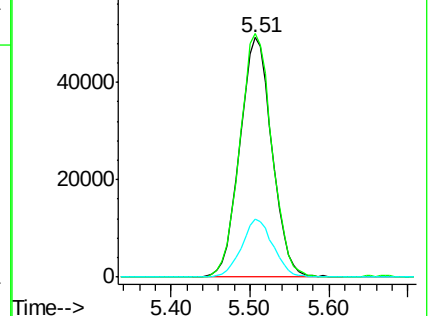
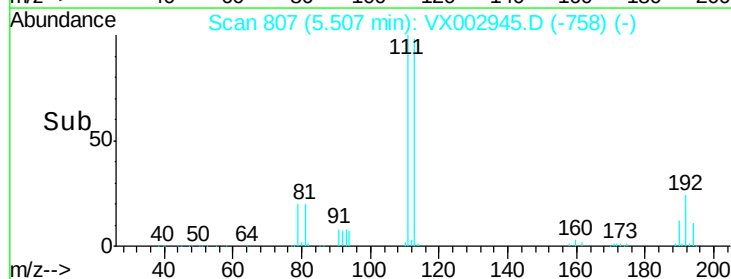
192 23.7 19.1 28.7

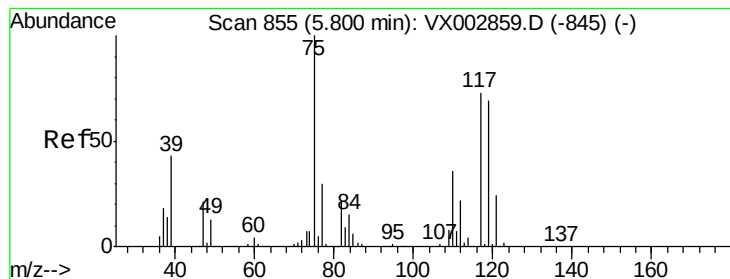


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.44 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.13 min

Lab File: VX002945.D

Acq: 27 Jun 2018 19:09

Instrument :

MSVOA_X

ClientSampleId :

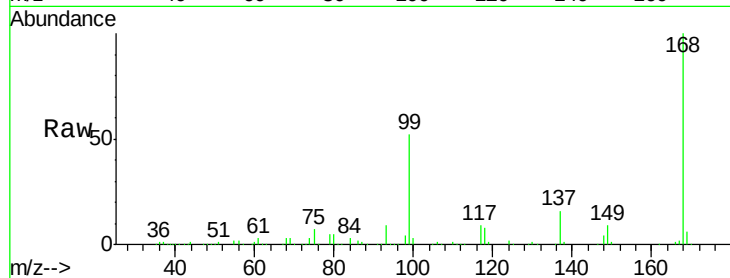
Tot Ion: 75 Resp: 18020

Ion Ratio Lower Upper

75 100

110 9.8 18.1 54.4#

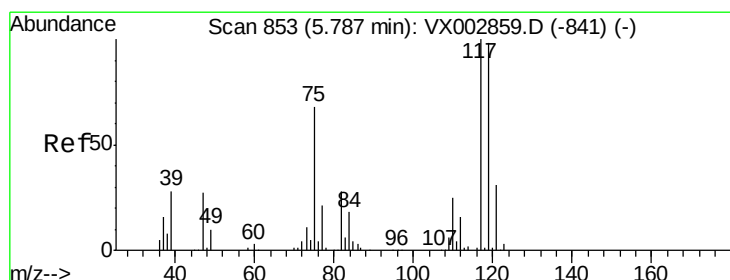
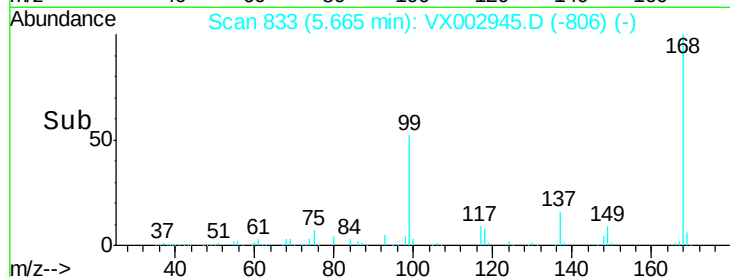
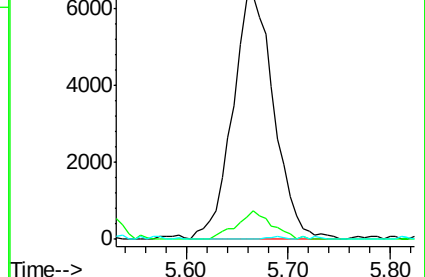
77 0.0 24.3 36.5#



Abundance Ion 74.90 (74.60 to 75.60): VX002859.D (-845) (-)

Ion 109.90 (109.60 to 110.60): VX002859.D (-845) (-)

Ion 76.90 (76.60 to 77.60): VX002859.D (-845) (-)



#38

Carbon Tetrachloride

Concen: 5.43 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.12 min

Lab File: VX002945.D

Acq: 27 Jun 2018 19:09

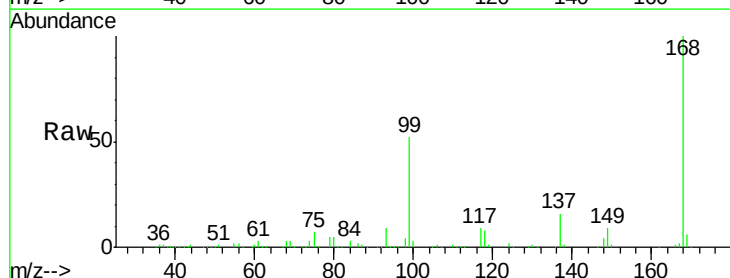
Tgt Ion: 117 Resp: 24207

Ion Ratio Lower Upper

117 100

119 6.4 77.4 116.0#

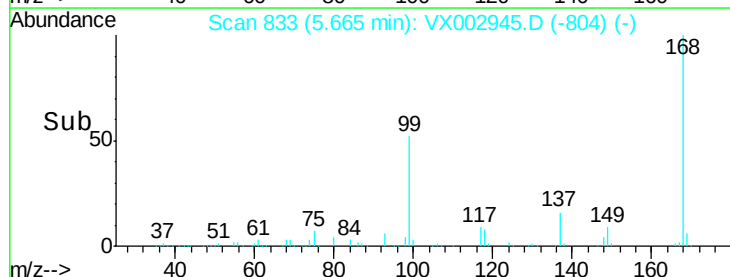
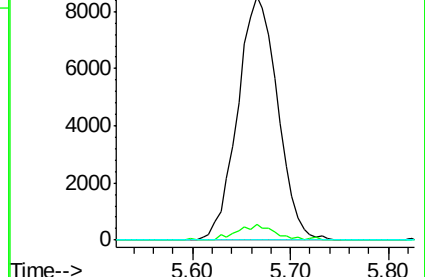
121 0.0 24.4 36.6#

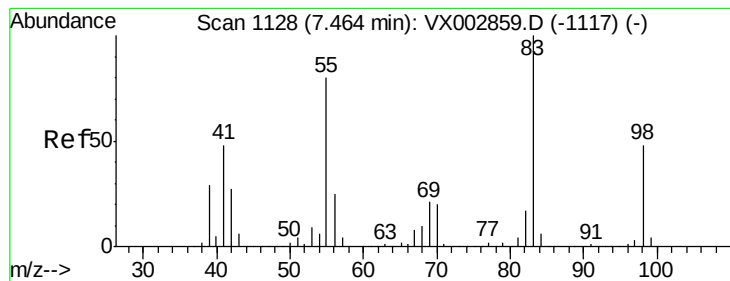


Abundance Ion 116.80 (116.50 to 117.50): VX002859.D (-841) (-)

Ion 118.80 (118.50 to 119.50): VX002859.D (-841) (-)

Ion 120.80 (120.50 to 121.50): VX002859.D (-841) (-)





#39

Methylvlcyclohexane

Concen: 2.35 ug/l

RT: 7.46 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX002945.D

Acq: 27 Jun 2018 19:09

Instrument :

MSVOA_X

ClientSampleId :

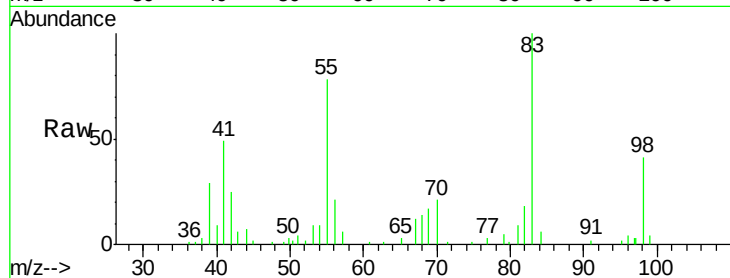
Tot Ion: 83 Resp: 11106

Ion Ratio Lower Upper

83 100

55 78.5 65.4 98.0

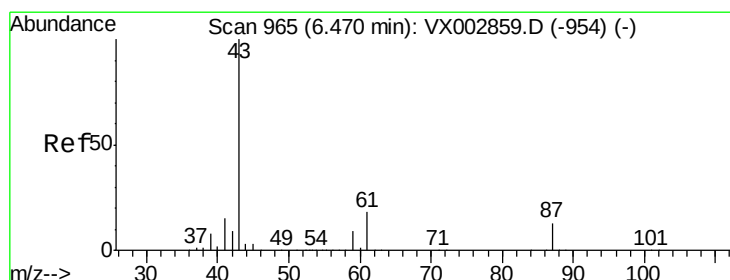
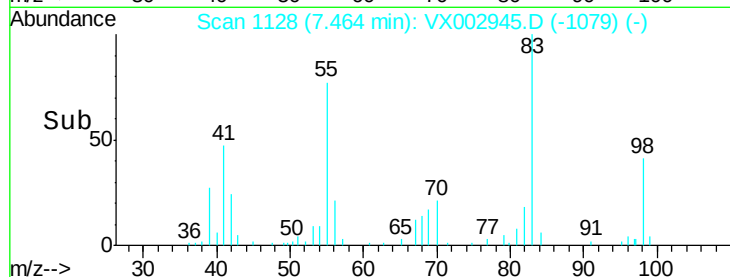
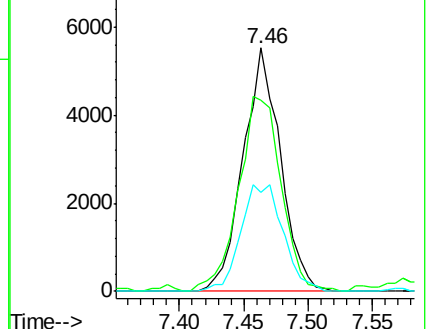
98 40.6 37.4 56.0



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#43

Isopropyl Acetate

Concen: 0.50 ug/l

RT: 6.35 min Scan# 945

Delta R.T. -0.12 min

Lab File: VX002945.D

Acq: 27 Jun 2018 19:09

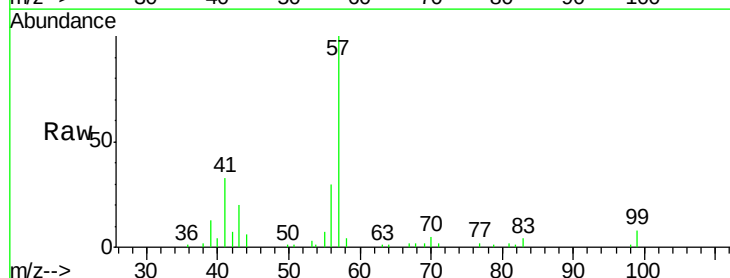
Tgt Ion: 43 Resp: 3633

Ion Ratio Lower Upper

43 100

61 0.0 14.4 21.6#

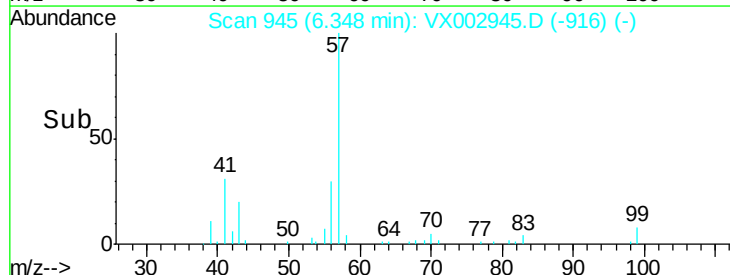
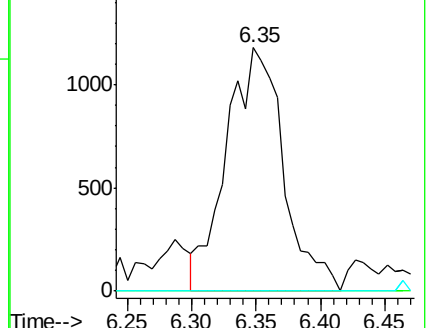
87 0.0 9.5 14.3#

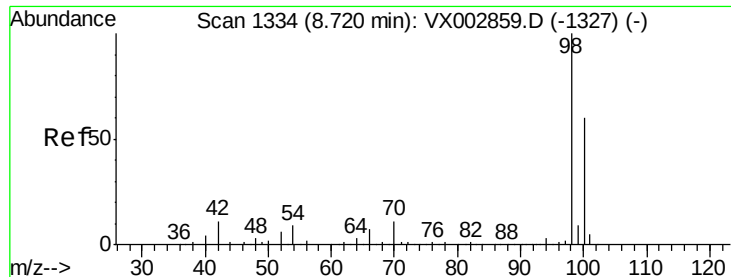


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

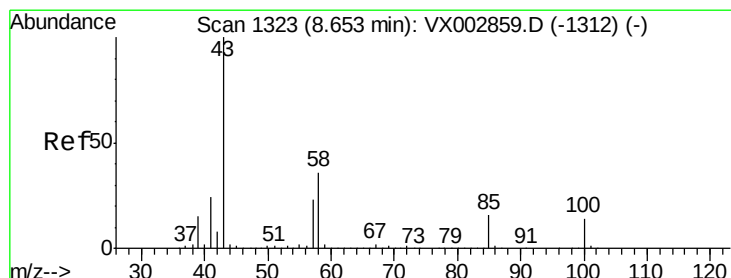
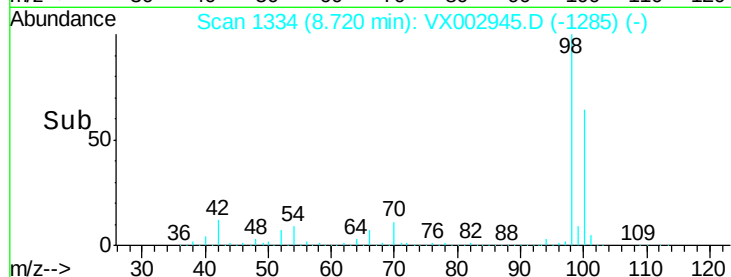
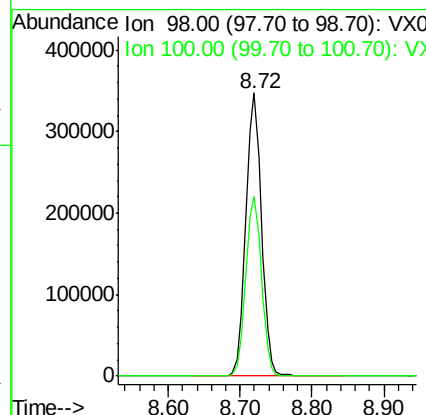
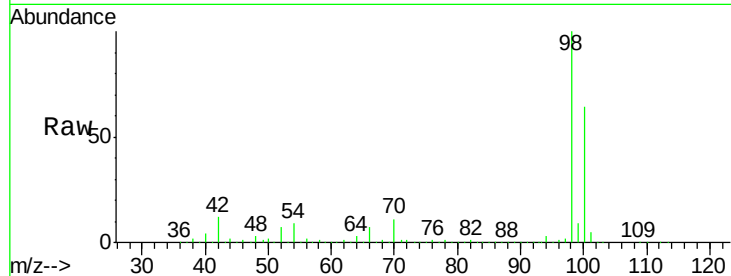




#50
Toluene-d8
Concen: 48.81 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002945.D
Acq: 27 Jun 2018 19:09

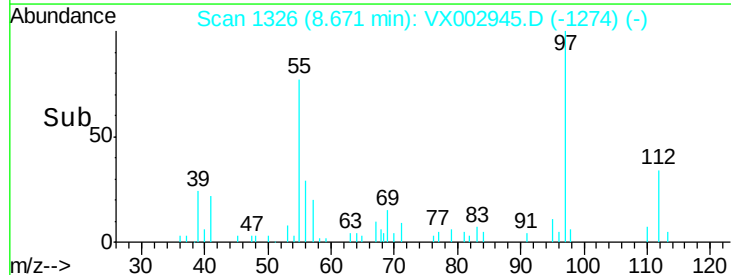
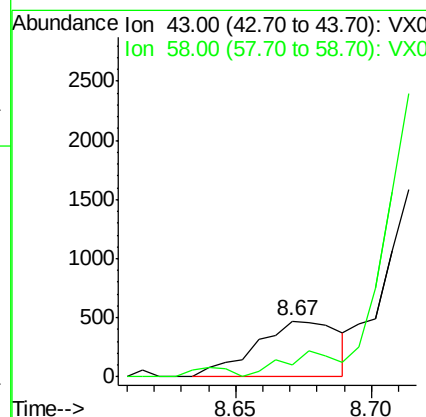
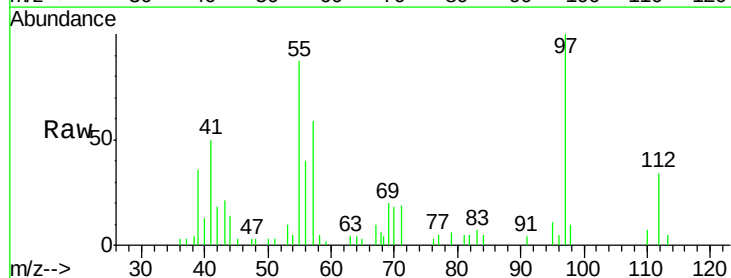
Instrument :
MSVOA_X
ClientSampleId :

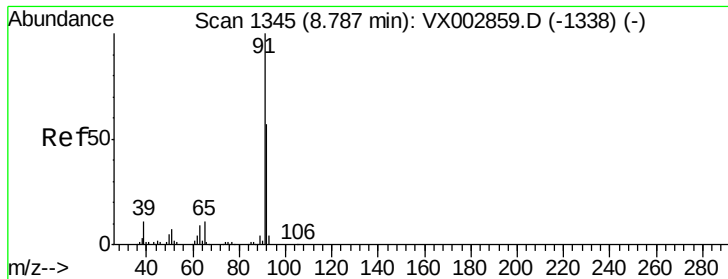
Tot Ion: 98 Resp: 522452
Ion Ratio Lower Upper
98 100
100 64.0 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 0.22 ug/l
RT: 8.67 min Scan# 1326
Delta R.T. 0.02 min
Lab File: VX002945.D
Acq: 27 Jun 2018 19:09

Tgt Ion: 43 Resp: 1007
Ion Ratio Lower Upper
43 100
58 0.0 28.6 42.8#





#52

Toluene

Concen: 0.20 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002945.D

Acq: 27 Jun 2018 19:09

Instrument :

MSVOA_X

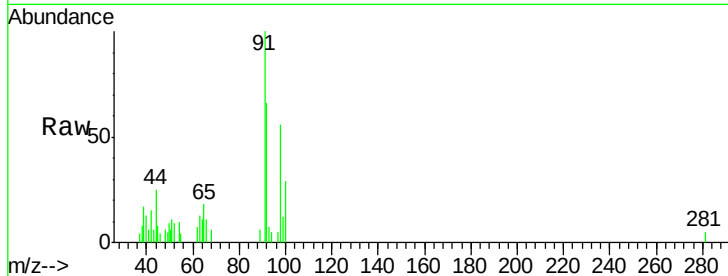
ClientSampleId :

Tot Ion: 92 Resp: 1547

Ion Ratio Lower Upper

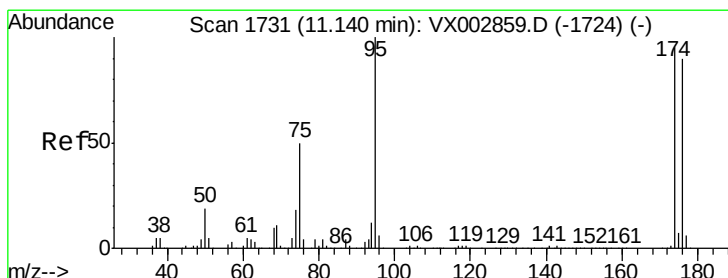
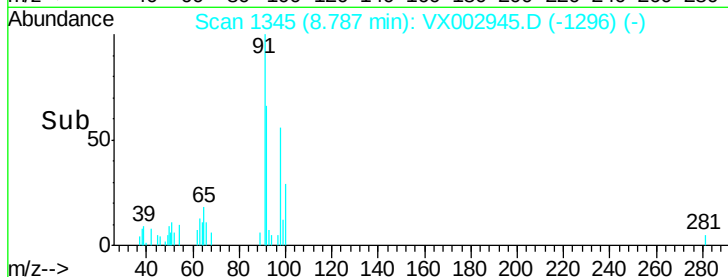
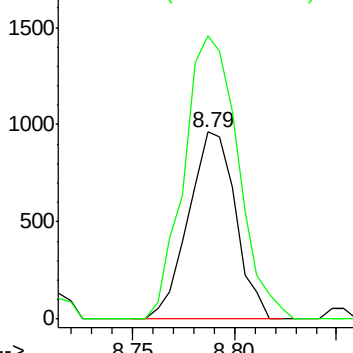
92 100

91 173.2 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 48.33 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002945.D

Acq: 27 Jun 2018 19:09

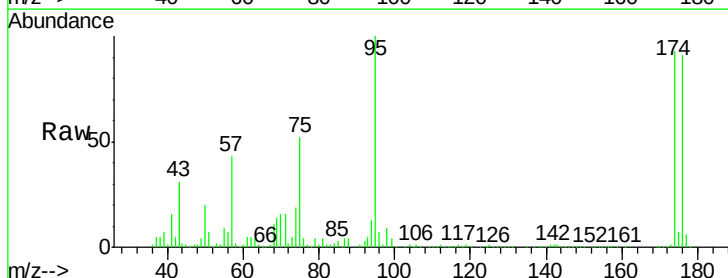
Tgt Ion: 95 Resp: 199496

Ion Ratio Lower Upper

95 100

174 94.6 0.0 187.4

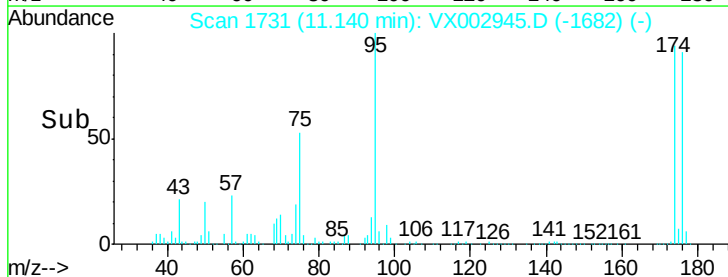
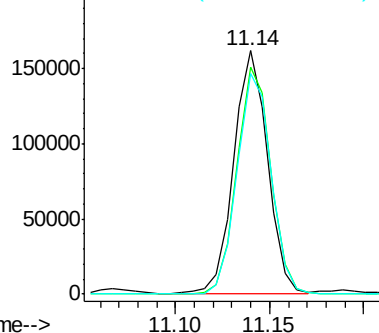
176 92.3 0.0 181.0

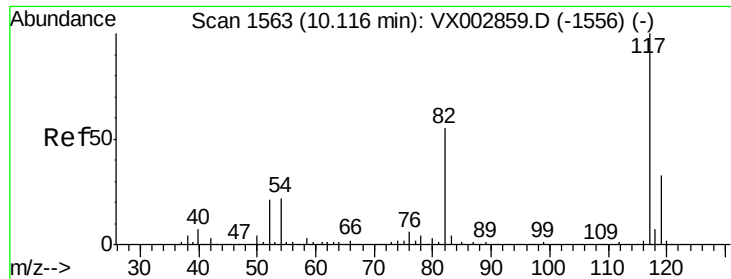


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

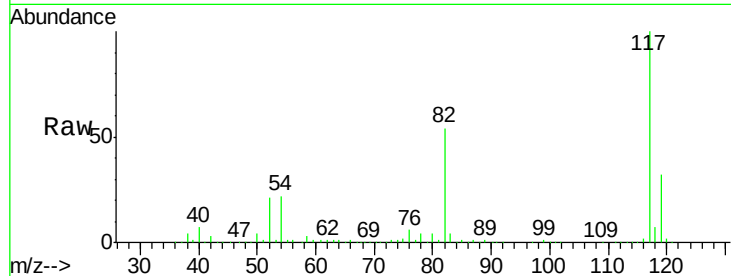




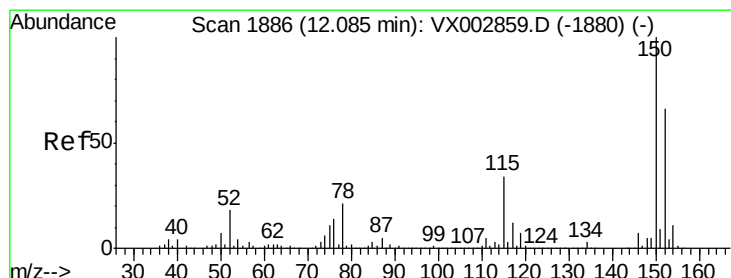
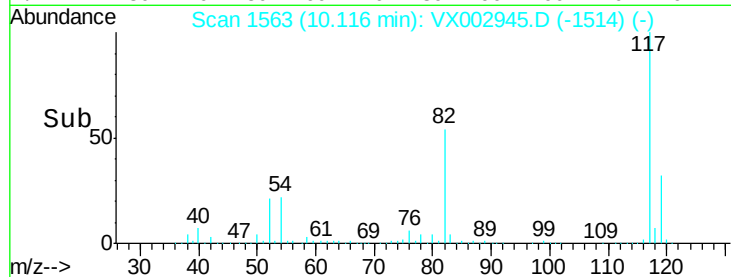
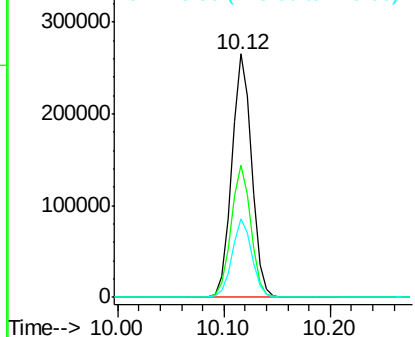
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002945.D
Acq: 27 Jun 2018 19:09

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 347977
Ion Ratio Lower Upper
117 100
82 54.3 45.0 67.4
119 32.2 25.8 38.6

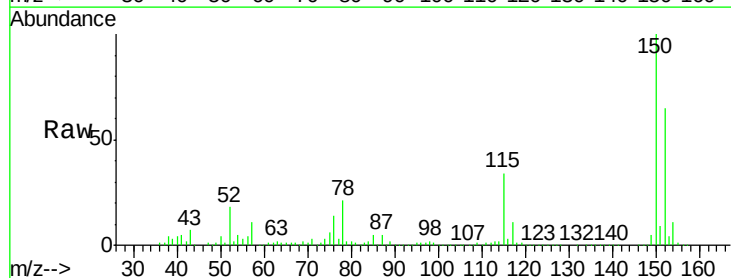


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

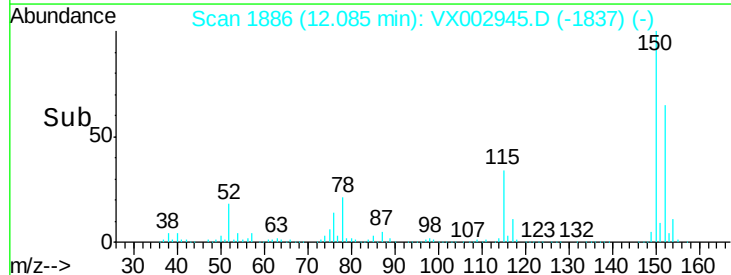
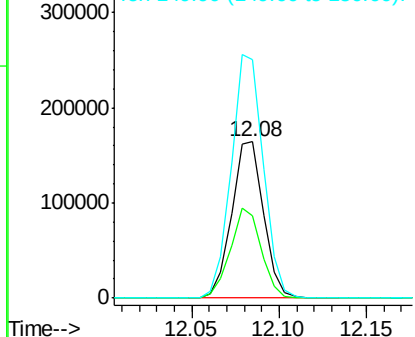


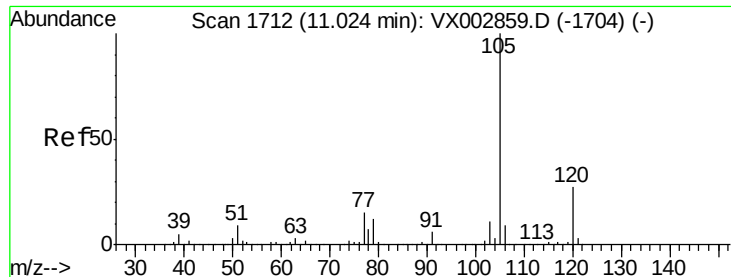
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002945.D
Acq: 27 Jun 2018 19:09

Tgt Ion:152 Resp: 208359
Ion Ratio Lower Upper
152 100
115 55.8 40.1 120.2
150 156.2 0.0 347.2



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: 0.85 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.01 min

Lab File: VX002945.D

Acq: 27 Jun 2018 19:09

Instrument :

MSVOA_X

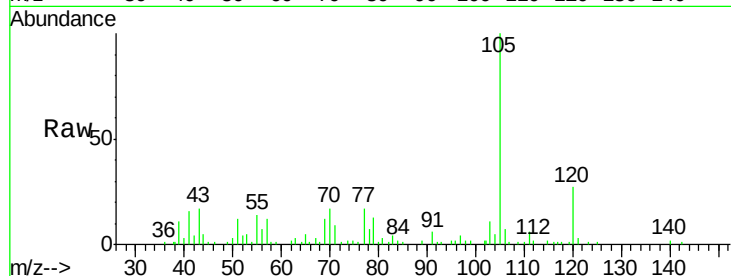
ClientSampled :

Tot Ion:105 Resp: 11875

Ion Ratio Lower Upper

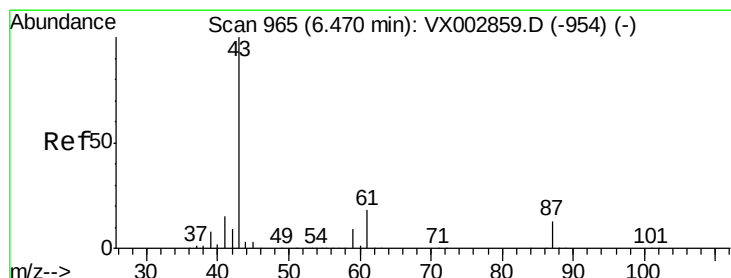
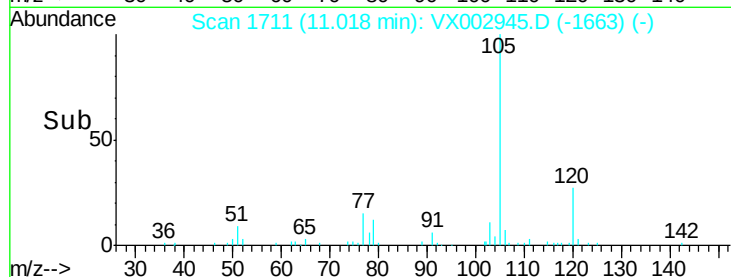
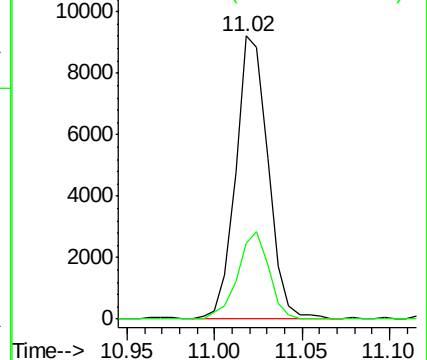
105 100

120 29.5 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 0.53 ug/l

RT: 6.35 min Scan# 945

Delta R.T. -0.12 min

Lab File: VX002945.D

Acq: 27 Jun 2018 19:09

Tgt Ion: 43 Resp: 3633

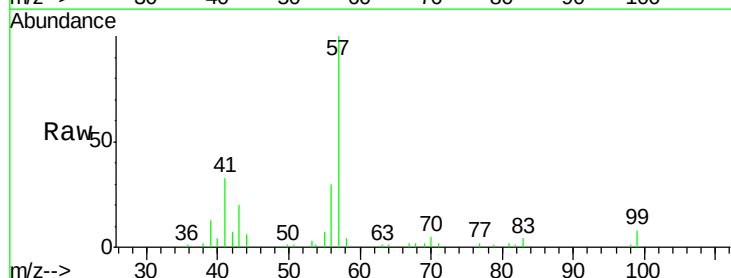
Ion Ratio Lower Upper

43 100

70 25.7 0.0 0.0#

55 52.2 0.0 0.0#

61 0.0 14.4 21.6#

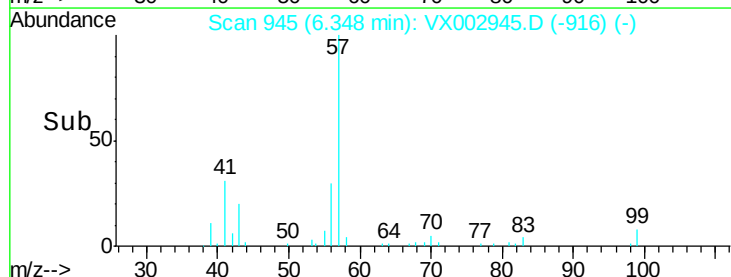
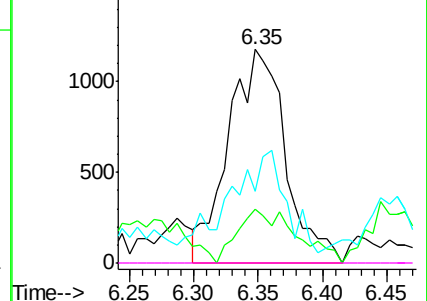


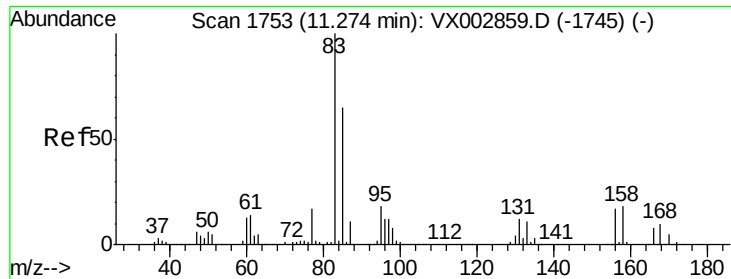
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 0.91 ug/l

RT: 11.28 min Scan# 1754

Delta R.T. 0.01 min

Lab File: VX002945.D

Acq: 27 Jun 2018 19:09

Instrument :

MSVOA_X

ClientSampleId :

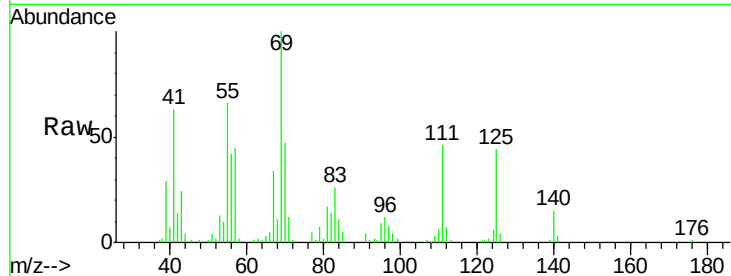
Tot Ion: 83 Resp: 3942

Ion Ratio Lower Upper

83 100

131 0.0 5.6 16.8#

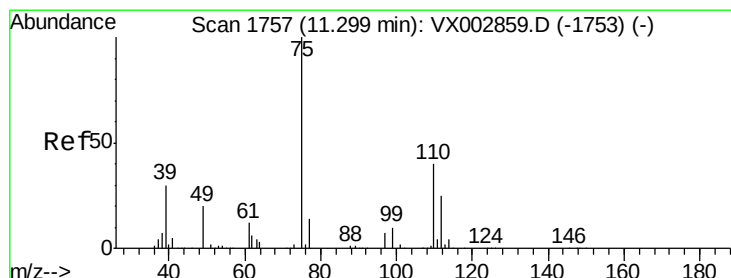
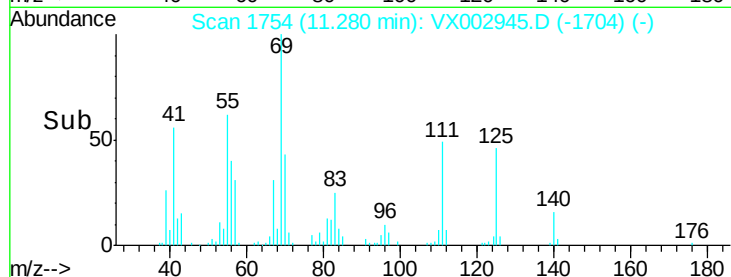
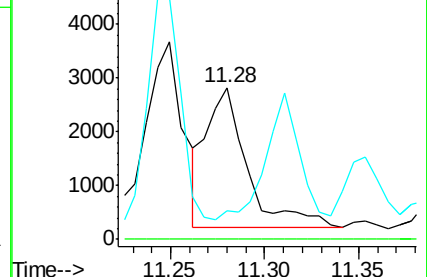
85 0.0 32.4 97.2#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 27.39 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX002945.D

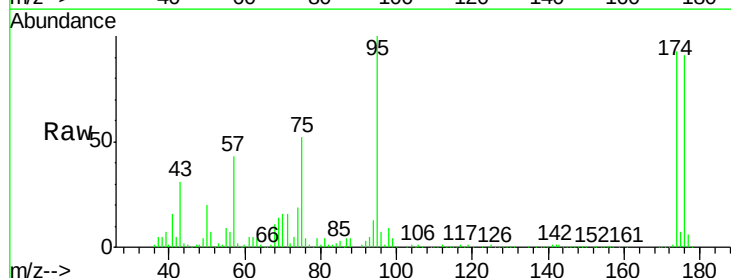
Acq: 27 Jun 2018 19:09

Tgt Ion: 75 Resp: 103363

Ion Ratio Lower Upper

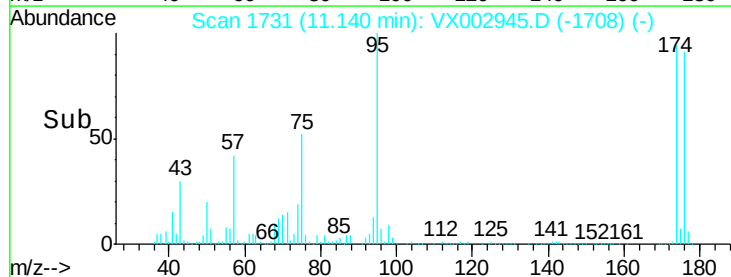
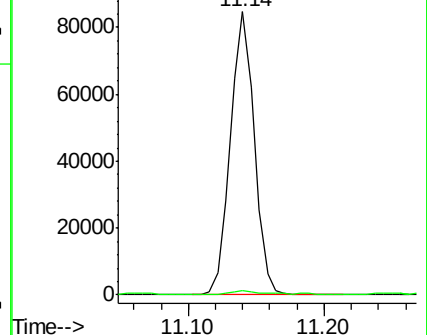
75 100

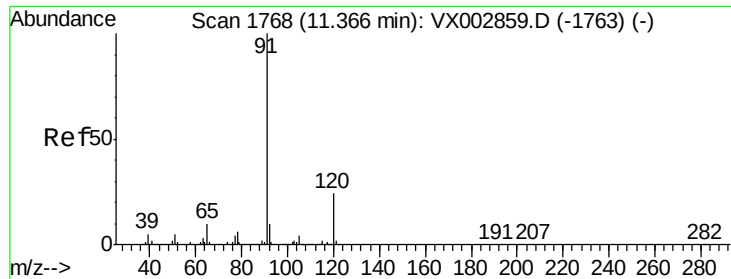
77 1.6 22.8 68.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 1.00 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002945.D

Acq: 27 Jun 2018 19:09

Instrument :

MSVOA_X

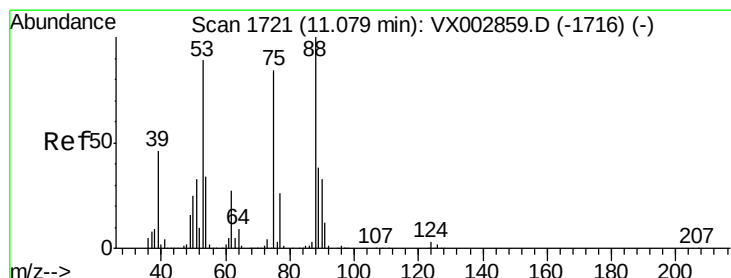
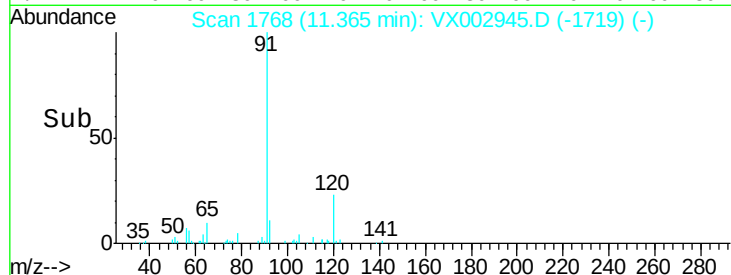
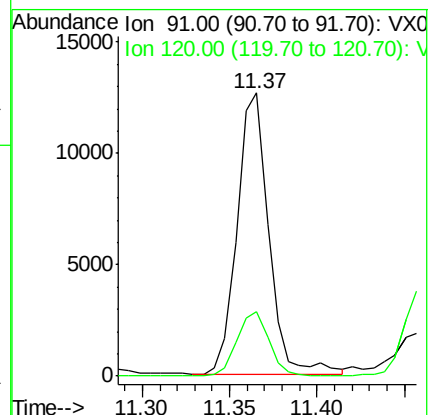
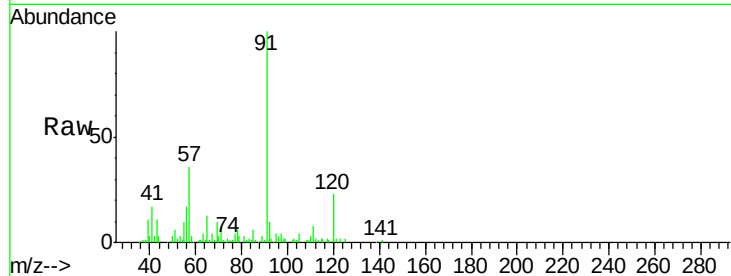
ClientSampled :

Tot Ion: 91 Resp: 16018

Ion Ratio Lower Upper

91 100

120 23.0 11.8 35.4



#81

trans-1,4-Dichloro-2-butene

Concen: 77.48 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX002945.D

Acq: 27 Jun 2018 19:09

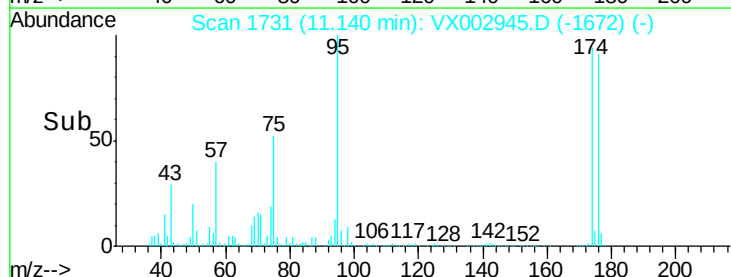
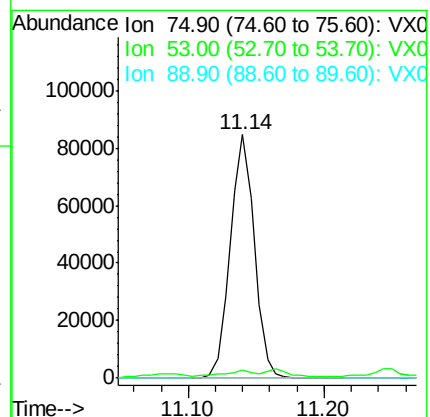
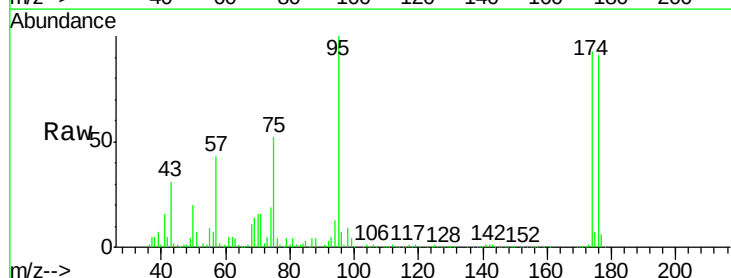
Tgt Ion: 75 Resp: 103363

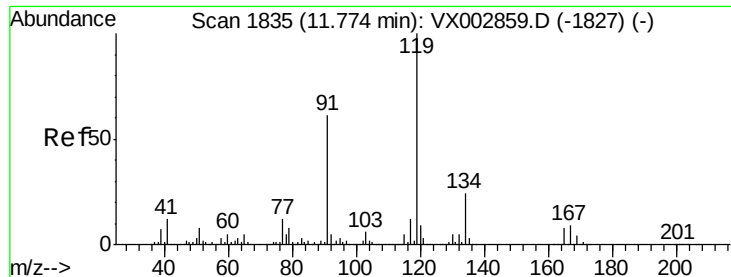
Ion Ratio Lower Upper

75 100

53 3.9 86.8 130.2#

89 0.0 38.2 57.2#





#83

tert-Butylbenzene

Concen: 1.12 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX002945.D

Acq: 27 Jun 2018 19:09

Instrument :

MSVOA_X

ClientSampleId :

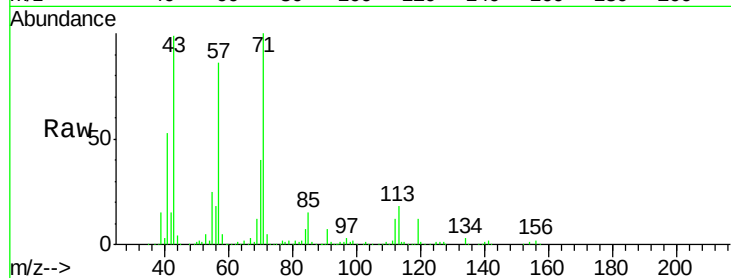
Tot Ion:119 Resp: 13078

Ion Ratio Lower Upper

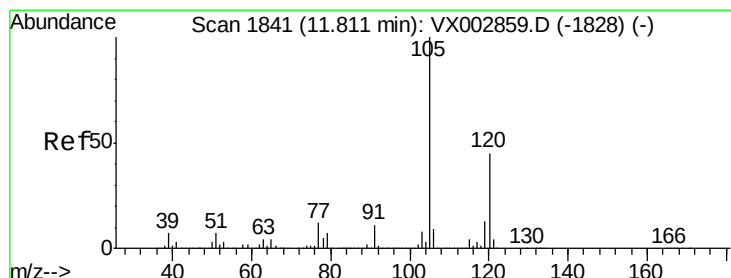
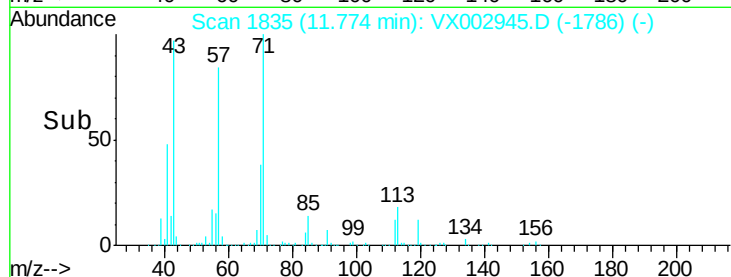
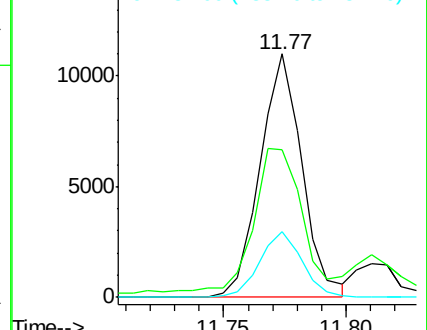
119 100

91 68.6 30.3 90.9

134 27.4 11.7 35.1



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



#84

1,2,4-Trimethylbenzene

Concen: 1.39 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VX002945.D

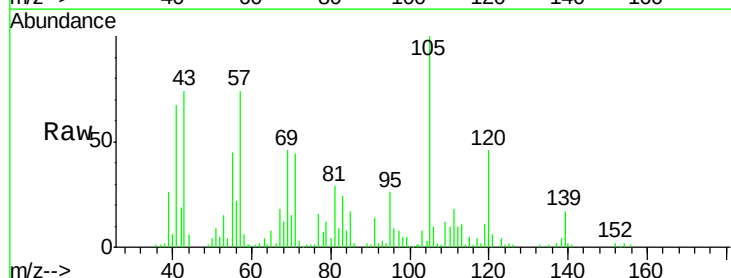
Acq: 27 Jun 2018 19:09

Tgt Ion:105 Resp: 16957

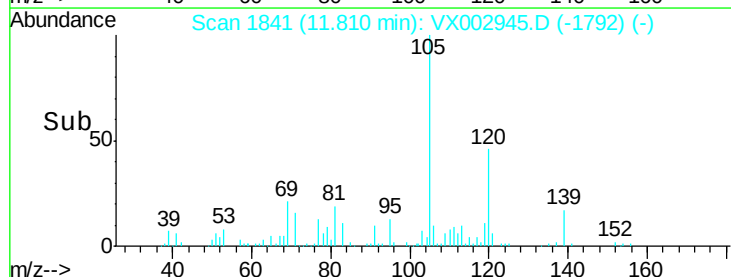
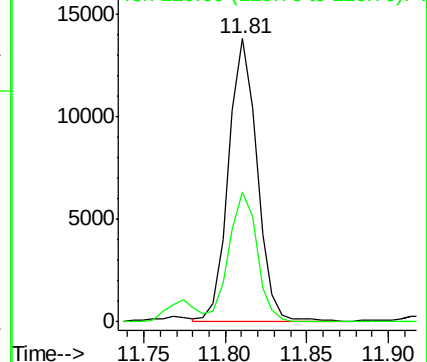
Ion Ratio Lower Upper

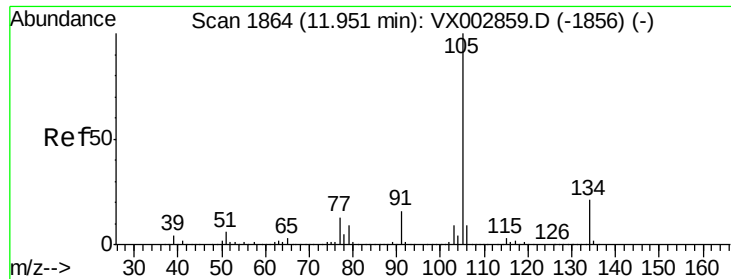
105 100

120 44.5 22.3 66.8



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 2.73 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002945.D

Acq: 27 Jun 2018 19:09

Instrument :

MSVOA_X

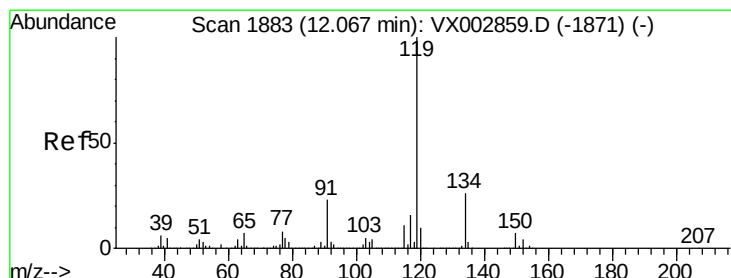
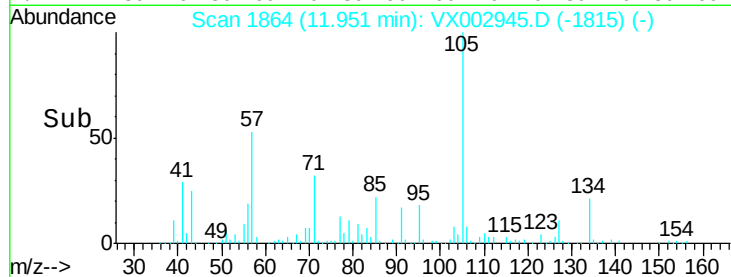
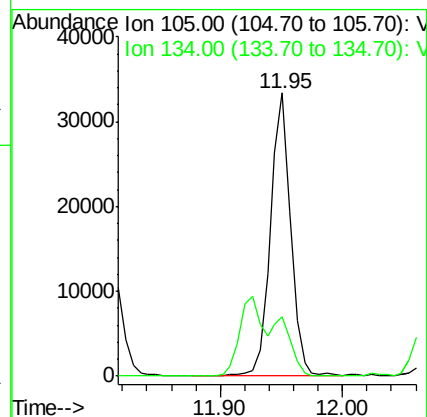
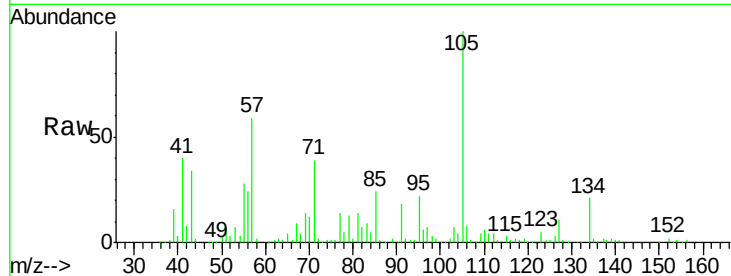
ClientSampled :

Tot Ion:105 Resp: 38473

Ion Ratio Lower Upper

105 100

134 0.0 10.4 31.1#



#86

p-Isopropyltoluene

Concen: 2.56 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002945.D

Acq: 27 Jun 2018 19:09

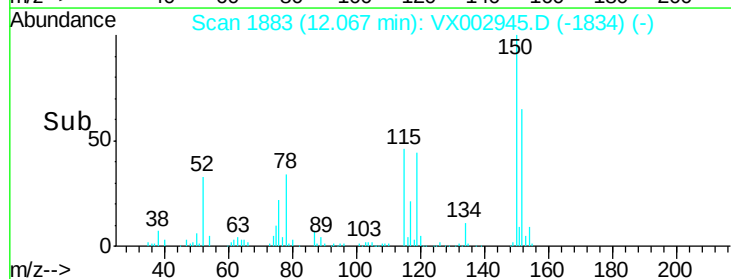
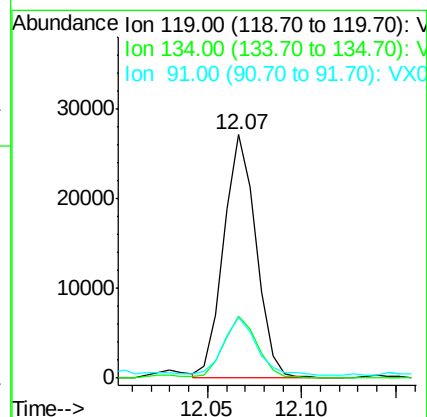
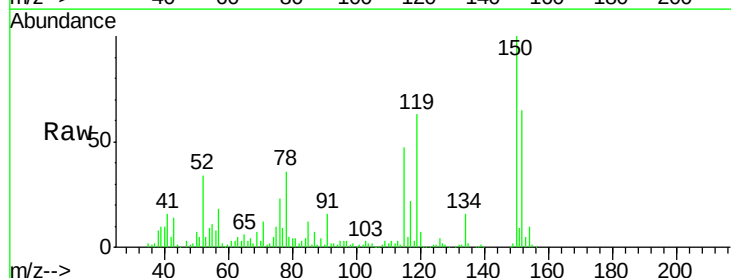
Tgt Ion:119 Resp: 32436

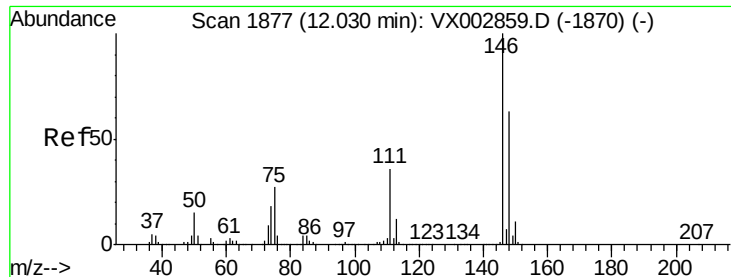
Ion Ratio Lower Upper

119 100

134 26.4 13.4 40.1

91 24.2 11.9 35.7

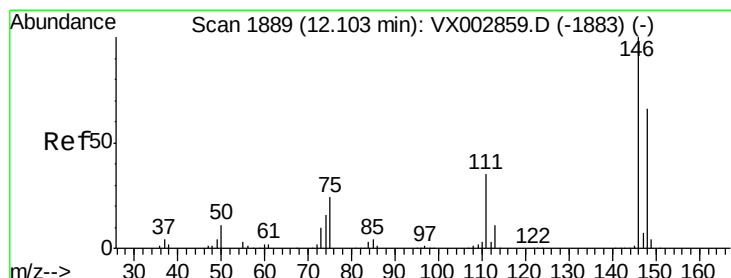
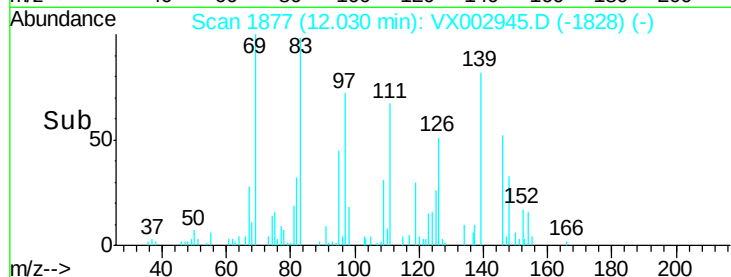
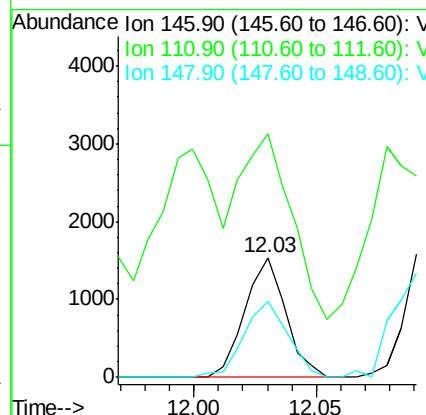
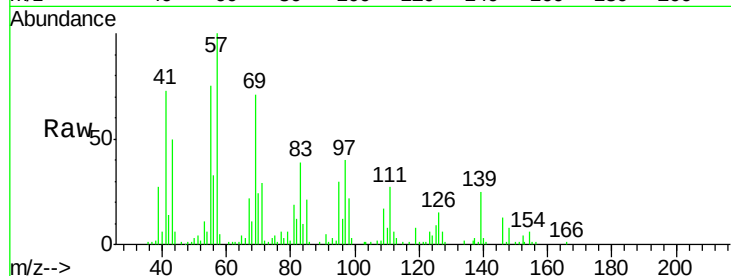




#87
 1,3-Dichlorobenzene
 Concen: 0.25 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002945.D
 Acq: 27 Jun 2018 19:09

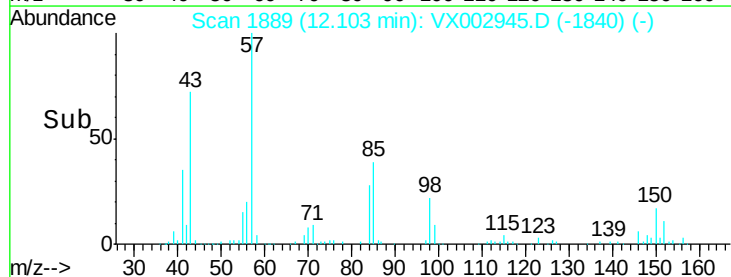
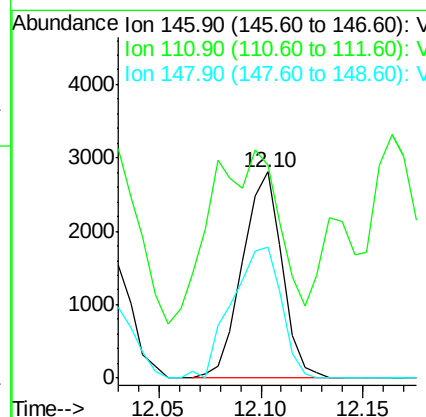
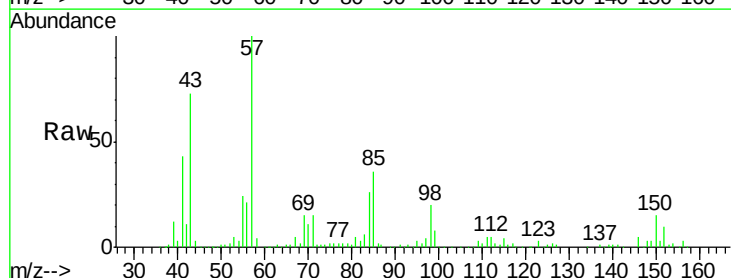
Instrument :
 MSVOA_X
 ClientSampled :

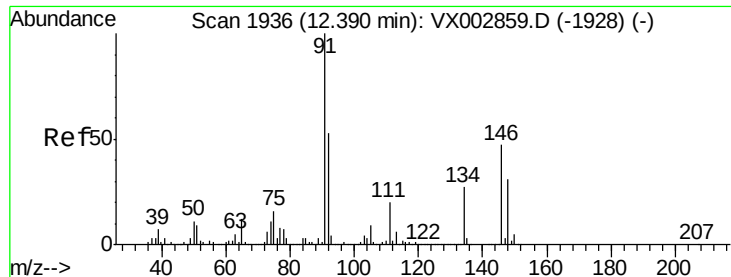
Tot Ion:146 Resp: 1796
 Ion Ratio Lower Upper
 146 100
 111 213.3 18.9 56.7#
 148 68.7 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 0.50 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX002945.D
 Acq: 27 Jun 2018 19:09

Tgt Ion:146 Resp: 3781
 Ion Ratio Lower Upper
 146 100
 111 151.4 18.7 56.1#
 148 79.9 32.4 97.0

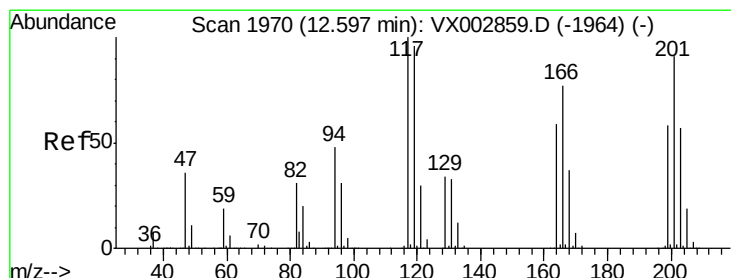
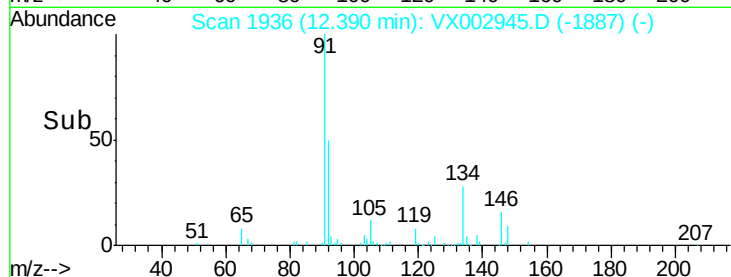
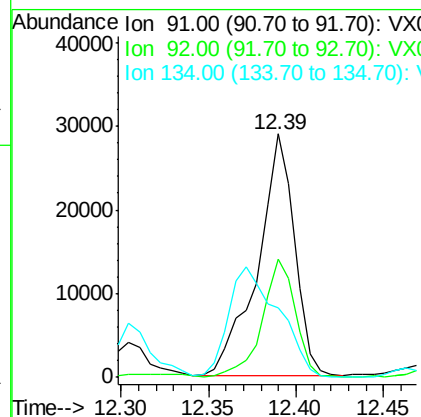
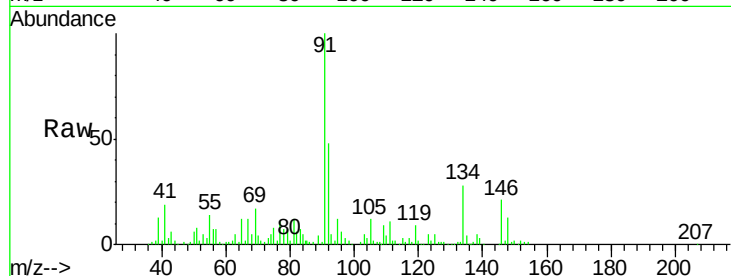




#89
n-Butylbenzene
Concen: 3.82 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX002945.D
Acq: 27 Jun 2018 19:09

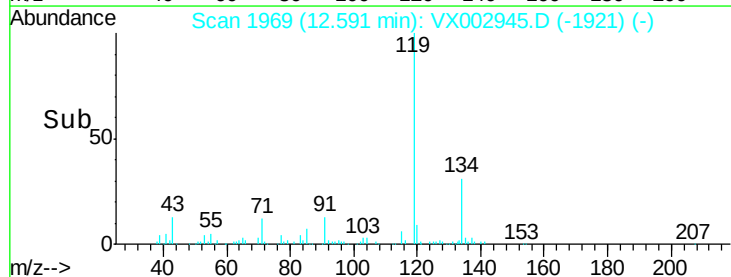
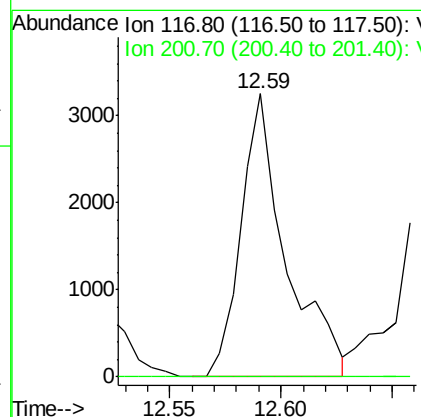
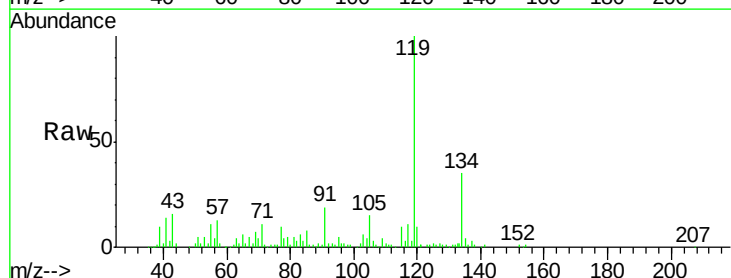
Instrument :
MSVOA_X
ClientSampleId :

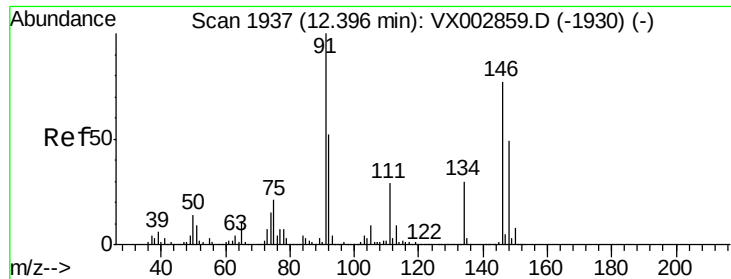
Tot Ion: 91 Resp: 42241
Ion Ratio Lower Upper
91 100
92 43.8 26.0 78.0
134 61.9 13.5 40.5#



#90
Hexachloroethane
Concen: 2.41 ug/l
RT: 12.59 min Scan# 1969
Delta R.T. -0.01 min
Lab File: VX002945.D
Acq: 27 Jun 2018 19:09

Tgt Ion: 117 Resp: 4558
Ion Ratio Lower Upper
117 100
201 0.0 49.0 147.0#





#91

1,2-Dichlorobenzene

Concen: 1.18 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX002945.D

Acq: 27 Jun 2018 19:09

Instrument :

MSVOA_X

ClientSampleId :

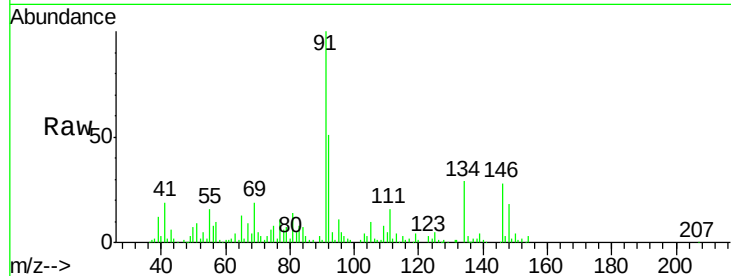
Tot Ion:146 Resp: 8702

Ion Ratio Lower Upper

146 100

111 61.1 19.4 58.1#

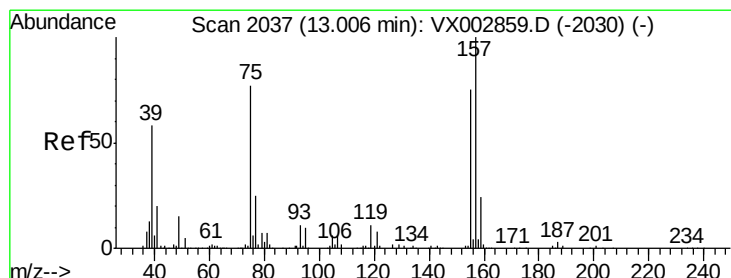
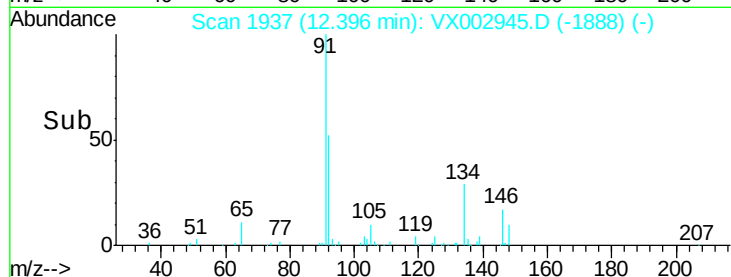
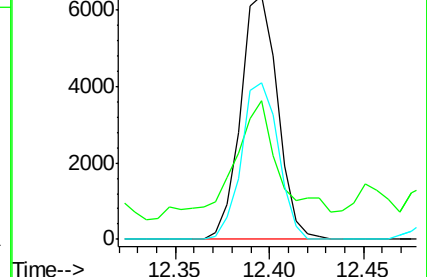
148 64.1 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.60 ug/l

RT: 12.98 min Scan# 2033

Delta R.T. -0.02 min

Lab File: VX002945.D

Acq: 27 Jun 2018 19:09

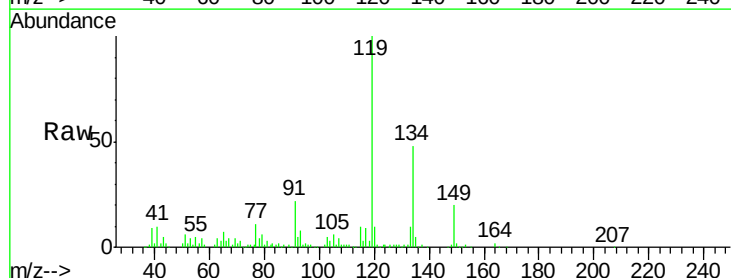
Tgt Ion: 75 Resp: 587

Ion Ratio Lower Upper

75 100

155 17.4 45.8 137.4#

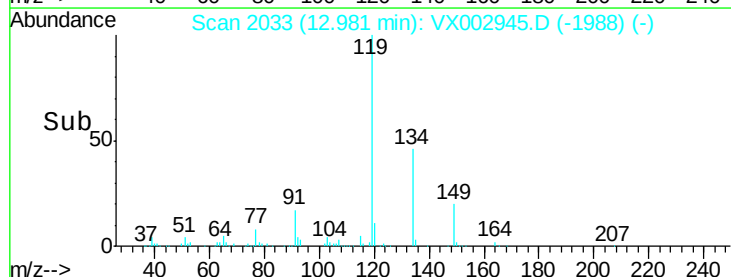
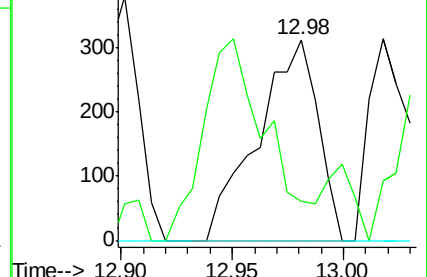
157 0.0 60.1 180.3#

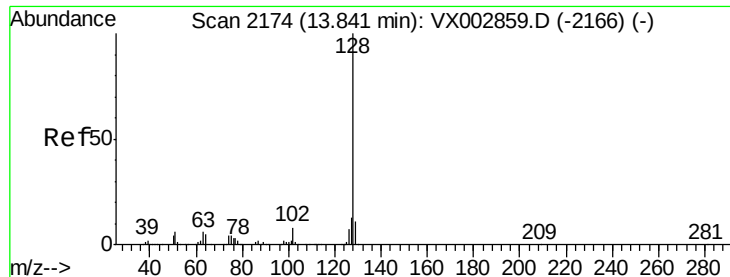


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

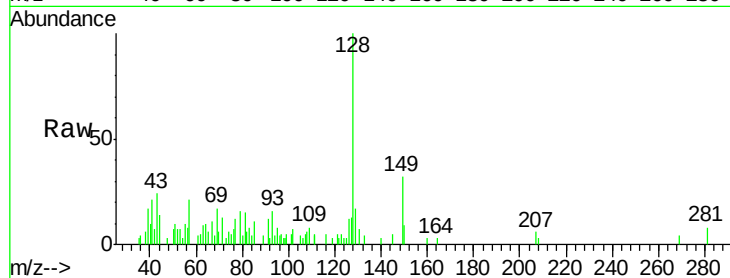




#95
Naphthalene
Concen: 0.23 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. -0.01 min
Lab File: VX002945.D
Acq: 27 Jun 2018 19:09

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	16.2	10.4	15.6#
129	0.0	8.6	13.0#



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

