

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062718\
 Data File : VX002944.D
 Acq On : 27 Jun 2018 18:43
 Operator : JC/MD
 Sample : J3707-11 20X
 Misc : 7.12g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 28 03:15:43 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	269929	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	381111	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	358994	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	212601	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	184817	49.54	ug/l	0.00
Spiked Amount			Recovery	=	99.08%	
35) Dibromofluoromethane	5.51	113	143324	47.49	ug/l	0.00
Spiked Amount			Recovery	=	94.98%	
50) Toluene-d8	8.72	98	540674	49.06	ug/l	0.00
Spiked Amount			Recovery	=	98.12%	
62) 4-Bromofluorobenzene	11.14	95	201909	47.50	ug/l	0.00
Spiked Amount			Recovery	=	95.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.39	85	19	Below Cal	#	43
3) Chloromethane	1.33	50	661	Below Cal	#	81
4) Vinyl Chloride	1.40	62	3304	1.08	ug/l	29
5) Bromomethane	1.64	94	1300	Below Cal		95
6) Chloroethane	1.72	64	170	Below Cal	#	43
10) Methyl Iodide	2.52	142	1188	6.57	ug/l	93
11) Tert butyl alcohol	3.03	59	3102	4.17	ug/l	81
12) 1,1-Dichloroethene	2.37	96	647	0.24	ug/l	61
13) Acrolein	2.31	56	192	4.69	ug/l	50
16) Acetone	2.45	43	1347	0.87	ug/l	99
20) Methylene Chloride	2.86	84	924	0.31	ug/l	78
21) trans-1,2-Dichloroethene	3.17	96	1026	0.35	ug/l	90
27) cis-1,2-Dichloroethene	4.60	96	169233	52.06	ug/l	83
29) Tetrahydrofuran	5.19	42	976	0.66	ug/l	92
31) Cyclohexane	5.57	56	1595	0.34	ug/l	75
36) 1,1-Dichloropropene	5.66	75	18474	4.42	ug/l	51
38) Carbon Tetrachloride	5.67	117	25275	5.51	ug/l	16
39) Methylcyclohexane	7.46	83	6815	1.40	ug/l	97
49) 1,4-Dioxane	7.59	88	25	0.33	ug/l	1
73) Isopropylbenzene	11.02	105	7316	0.51	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.28	83	1116	0.25	ug/l	26
76) 1,2,3-Trichloropropane	11.14	75	105264	27.33	ug/l	33
78) n-propylbenzene	11.36	91	6145	0.38	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.14	75	105264	77.34	ug/l	8
83) tert-Butylbenzene	11.77	119	8013	0.67	ug/l	83
84) 1,2,4-Trimethylbenzene	11.81	105	5870	0.47	ug/l	100
85) sec-Butylbenzene	11.95	105	24086	1.67	ug/l	56
86) p-Isopropyltoluene	12.07	119	17094	1.32	ug/l	94
88) 1,4-Dichlorobenzene	12.10	146	2253	0.29	ug/l	1
89) n-Butylbenzene	12.39	91	25029	2.22	ug/l	70
90) Hexachloroethane	12.59	117	2306	1.20	ug/l	1
91) 1,2-Dichlorobenzene	12.40	146	5060	0.67	ug/l	84
92) 1,2-Dibromo-3-Chloropropan	13.02	75	249	0.25	ug/l	9

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX062718\
Data File : VX002944.D
Acq On : 27 Jun 2018 18:43
Operator : JC/MD
Sample : J3707-11 20X
Misc : 7.12g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 28 03:15:43 2018
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

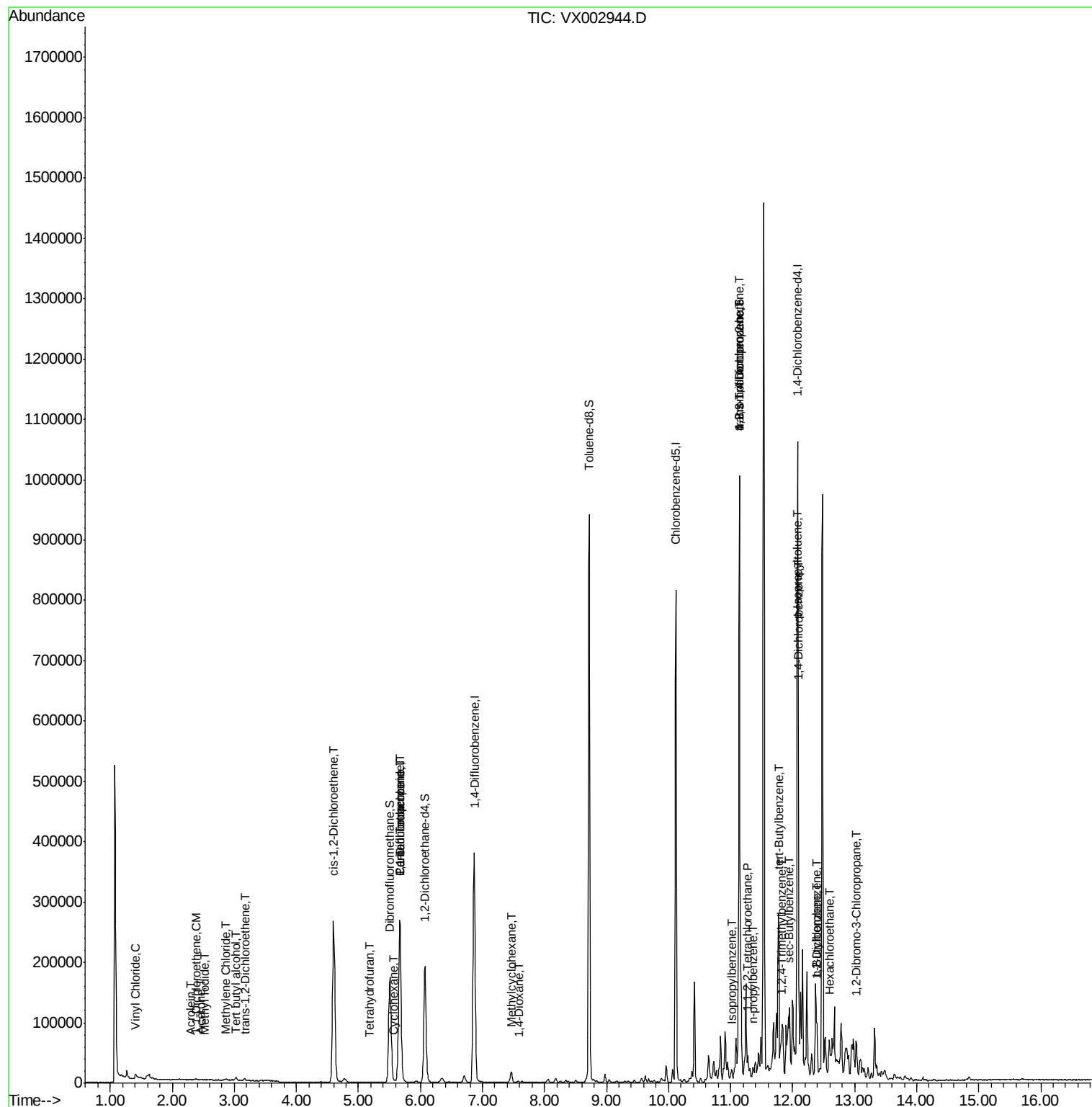
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

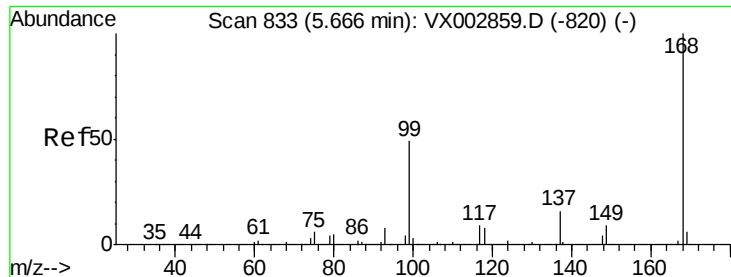
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX062718\
Data File : VX002944.D
Acq On : 27 Jun 2018 18:43
Operator : JC/MD
Sample : J3707-11 20X
Misc : 7.12a/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 28 03:15:43 2018
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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX002944.D

Acq: 27 Jun 2018 18:43

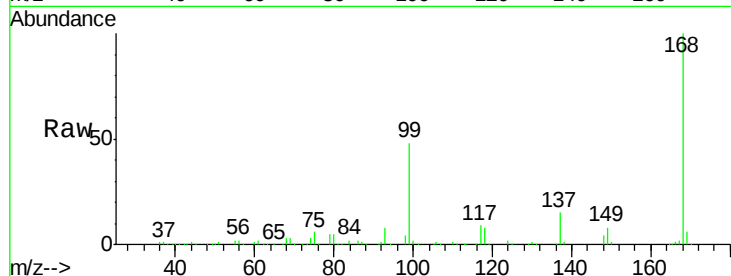
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:168 Resp: 269929

Ion Ratio Lower Upper

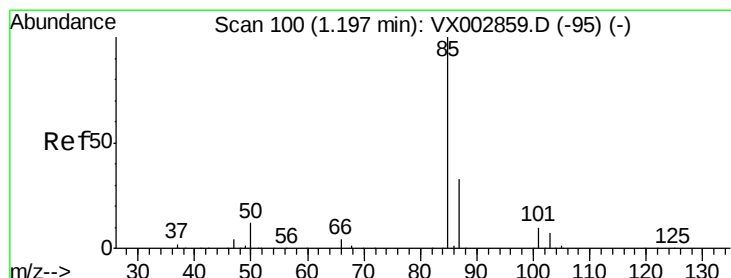
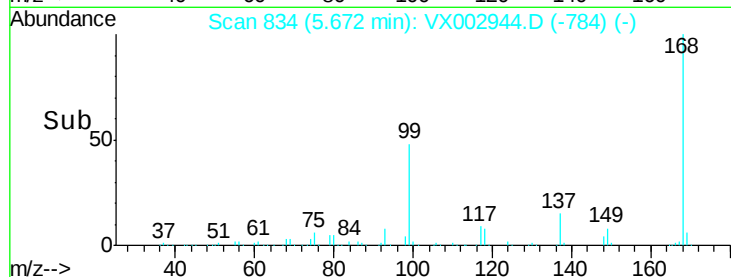
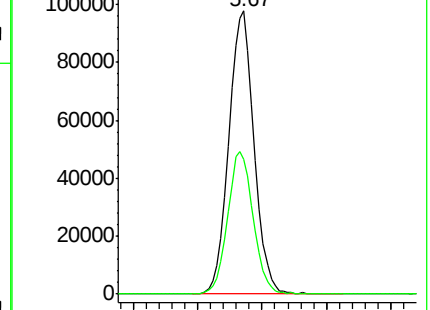
168 100

99 47.5 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.39 min Scan# 132

Delta R.T. 0.20 min

Lab File: VX002944.D

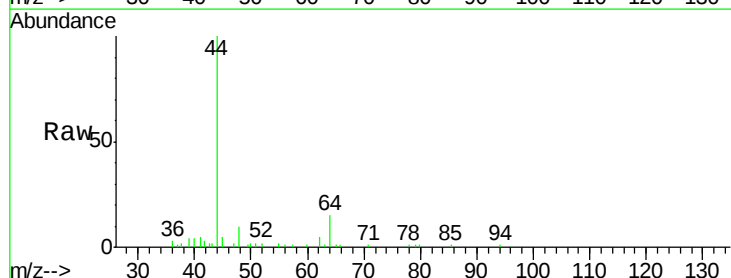
Acq: 27 Jun 2018 18:43

Tgt Ion: 85 Resp: 19

Ion Ratio Lower Upper

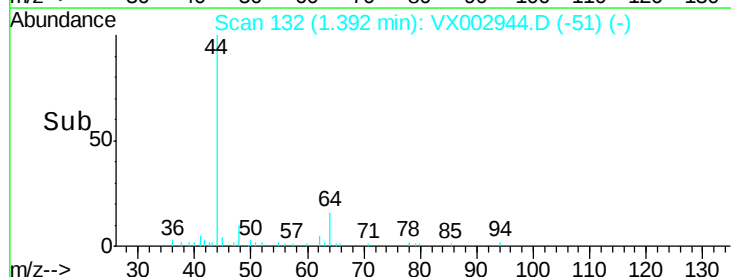
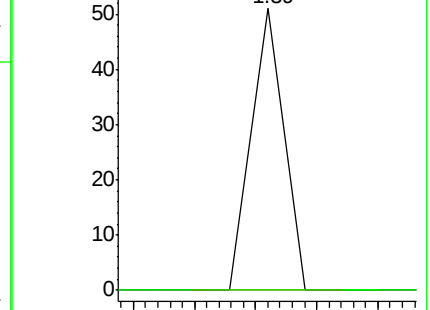
85 100

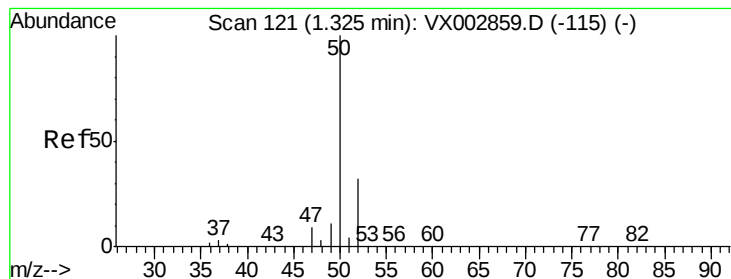
87 0.0 16.0 47.9#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: Below Cal

RT: 1.33 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX002944.D

Acq: 27 Jun 2018 18:43

Instrument :

MSVOA_X

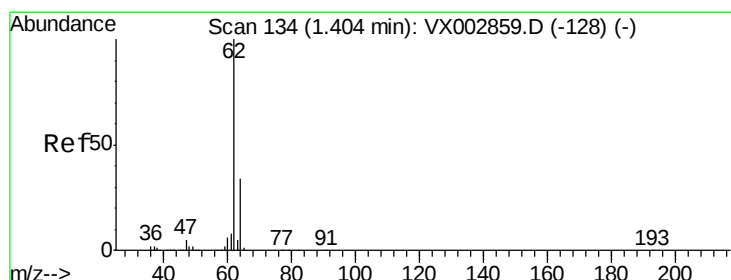
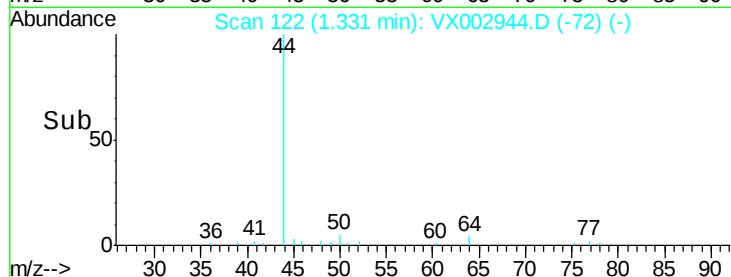
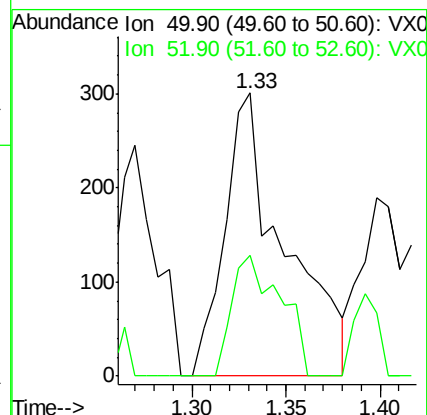
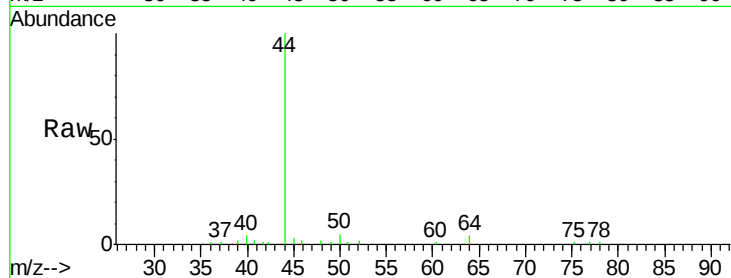
ClientSampleId :

Tot Ion: 50 Resp: 661

Ion Ratio Lower Upper

50 100

52 42.9 25.7 38.5#



#4

Vinyl Chloride

Concen: 1.08 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX002944.D

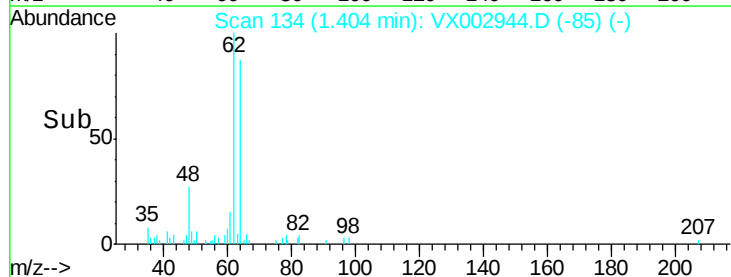
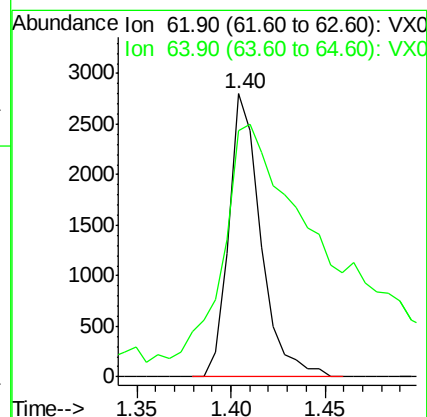
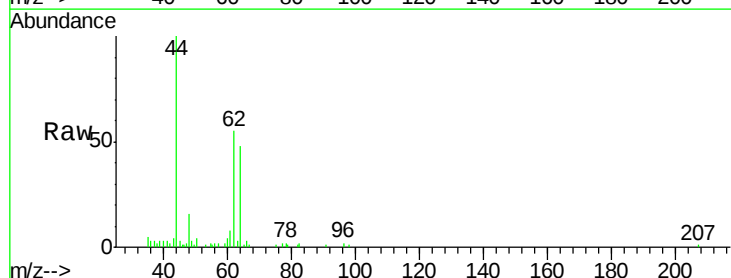
Acq: 27 Jun 2018 18:43

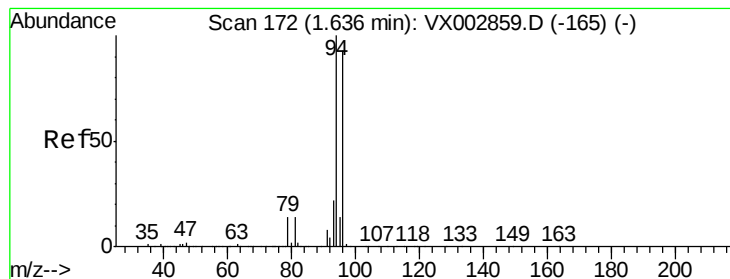
Tgt Ion: 62 Resp: 3304

Ion Ratio Lower Upper

62 100

64 71.0 25.4 38.2#





#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX002944.D

Acq: 27 Jun 2018 18:43

Instrument :

MSVOA_X

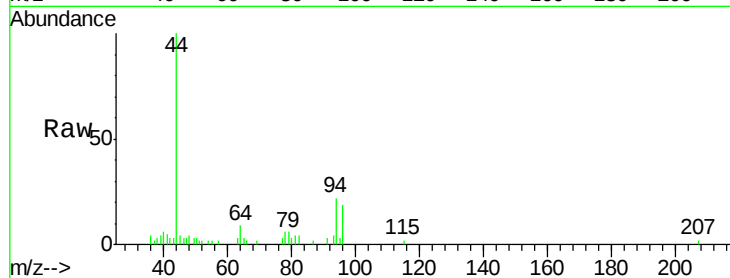
ClientSampleId :

Tot Ion: 94 Resp: 1300

Ion Ratio Lower Upper

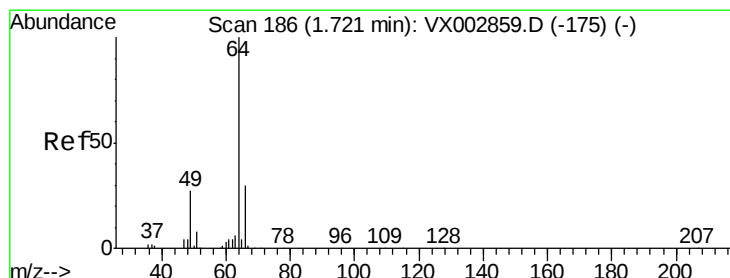
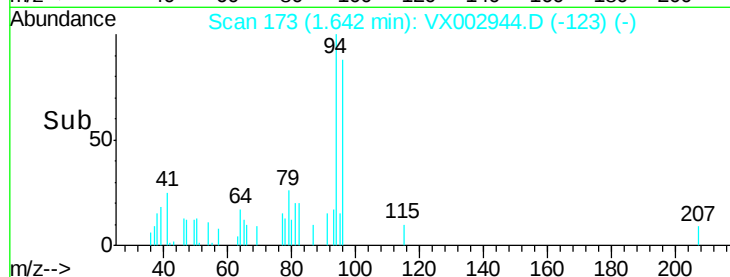
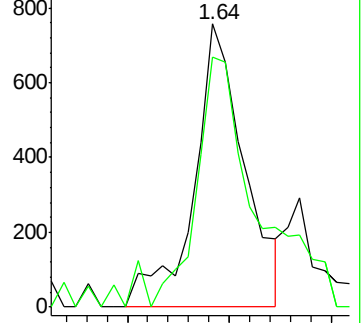
94 100

96 88.4 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: Below Cal

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX002944.D

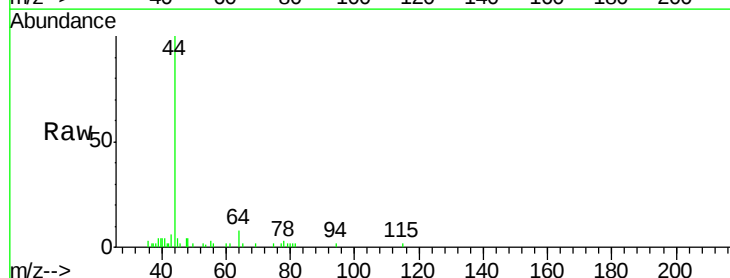
Acq: 27 Jun 2018 18:43

Tgt Ion: 64 Resp: 170

Ion Ratio Lower Upper

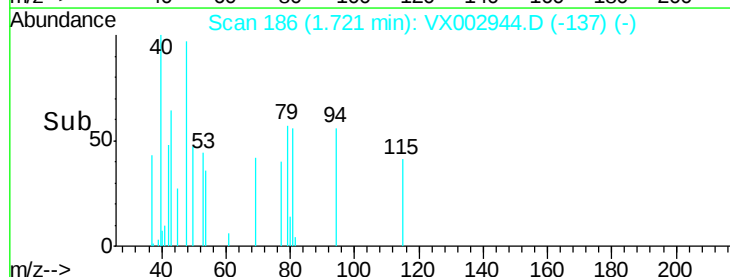
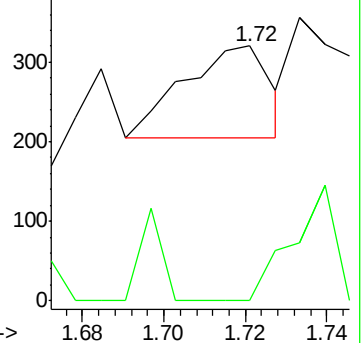
64 100

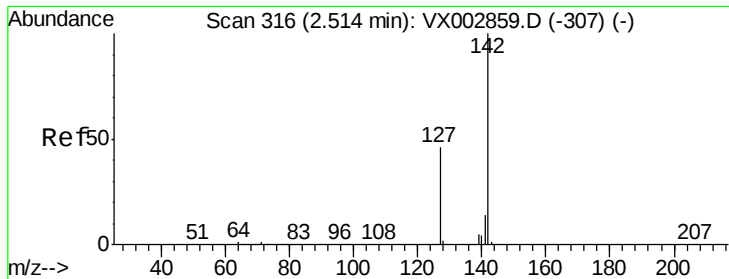
66 0.0 25.5 38.3#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#10

Methvl Iodide

Concen: 6.57 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX002944.D

Acq: 27 Jun 2018 18:43

Instrument :

MSVOA_X

ClientSampleId :

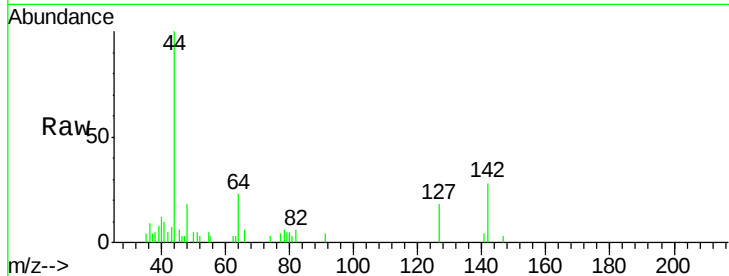
Tot Ion:142 Resp: 1188

Ion Ratio Lower Upper

142 100

127 47.1 36.6 55.0

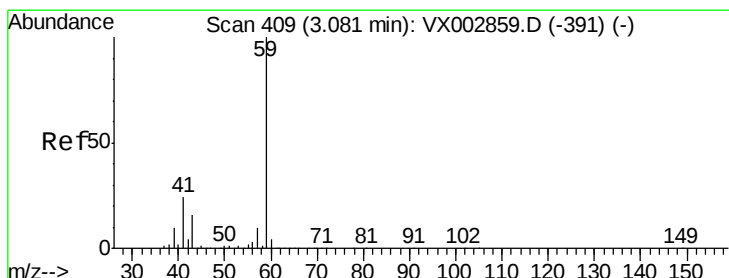
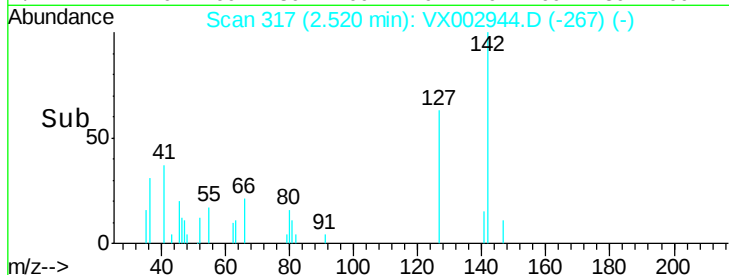
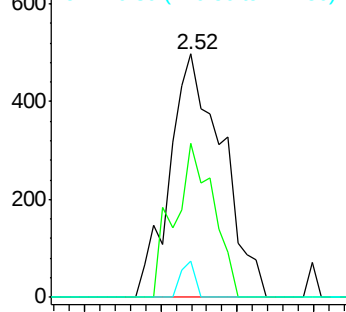
141 4.0 11.3 16.9#



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



#11

Tert butyl alcohol

Concen: 4.17 ug/l

RT: 3.03 min Scan# 400

Delta R.T. -0.05 min

Lab File: VX002944.D

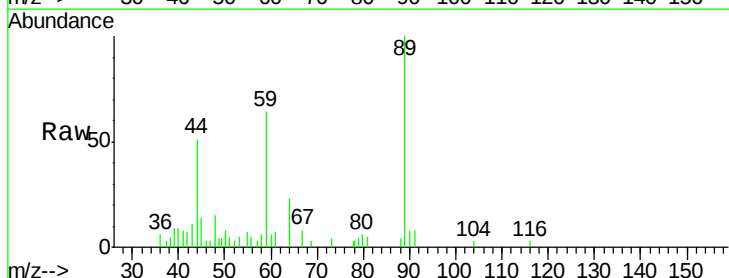
Acq: 27 Jun 2018 18:43

Tgt Ion: 59 Resp: 3102

Ion Ratio Lower Upper

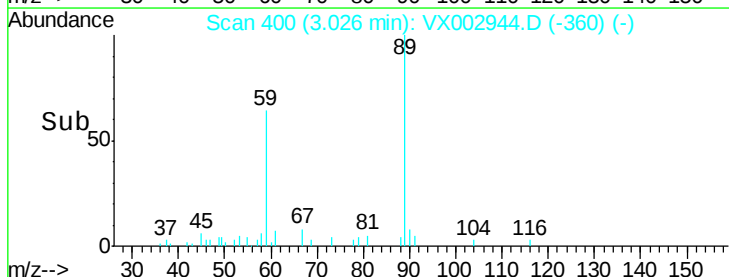
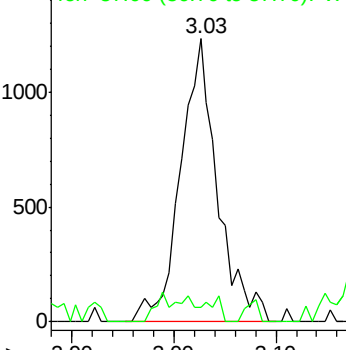
59 100

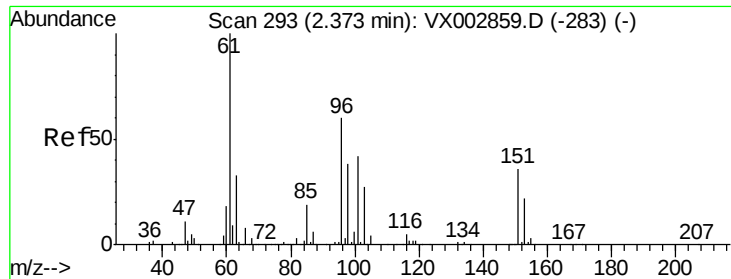
57 3.1 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#12

1,1-Dichloroethene

Concen: 0.24 ug/l

RT: 2.37 min Scan# 293

Delta R.T. 0.00 min

Lab File: VX002944.D

Acq: 27 Jun 2018 18:43

Instrument :

MSVOA_X

ClientSampled :

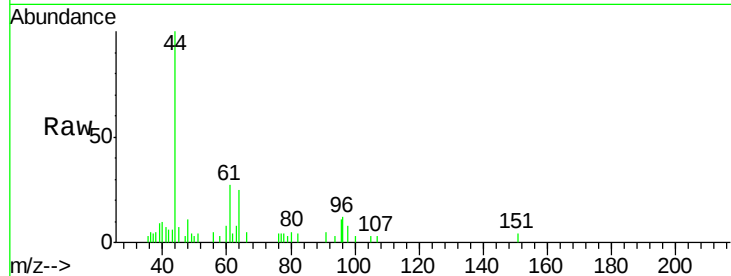
Tot Ion: 96 Resp: 647

Ion Ratio Lower Upper

96 100

61 117.7 137.9 206.9#

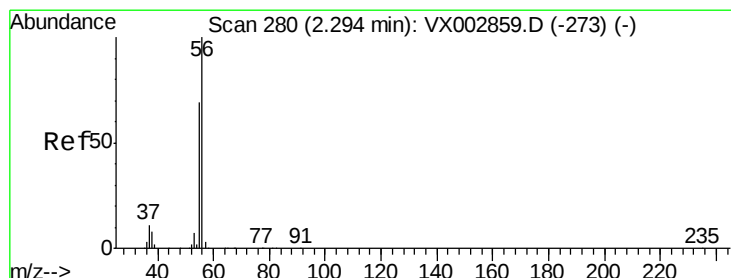
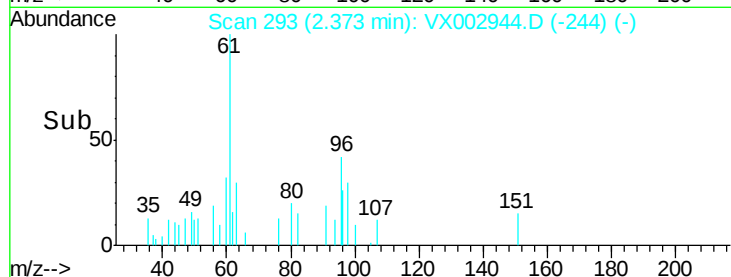
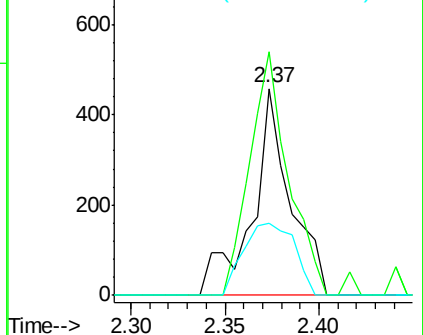
98 34.9 51.6 77.4#



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



#13

Acrolein

Concen: 4.69 ug/l

RT: 2.31 min Scan# 282

Delta R.T. 0.01 min

Lab File: VX002944.D

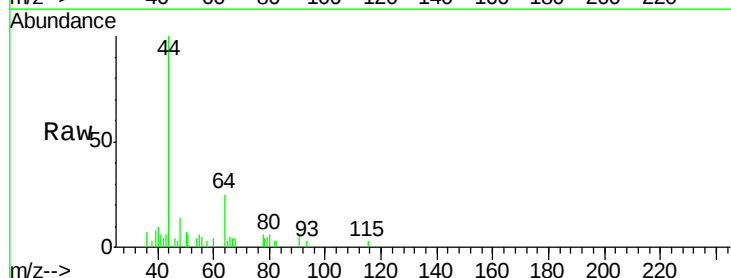
Acq: 27 Jun 2018 18:43

Tgt Ion: 56 Resp: 192

Ion Ratio Lower Upper

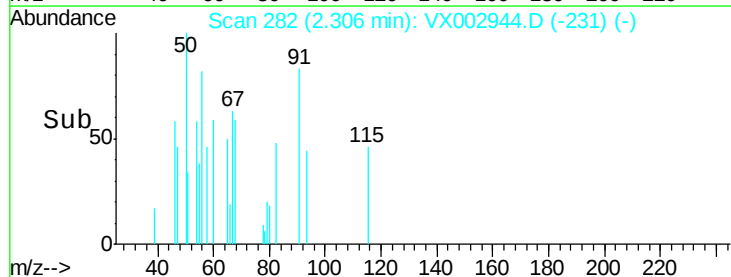
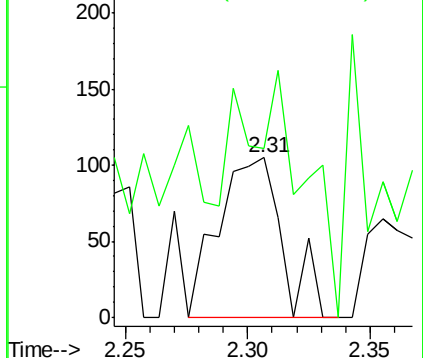
56 100

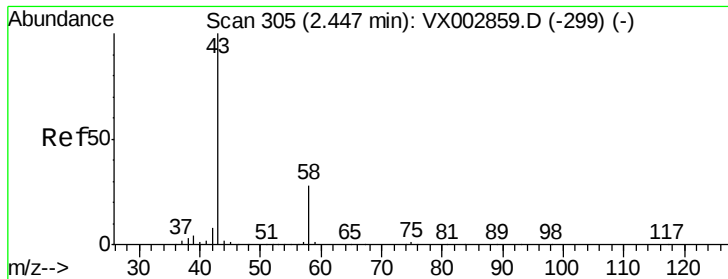
55 29.7 57.0 85.4#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0





#16

Acetone

Concen: 0.87 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX002944.D

Acq: 27 Jun 2018 18:43

Instrument :

MSVOA_X

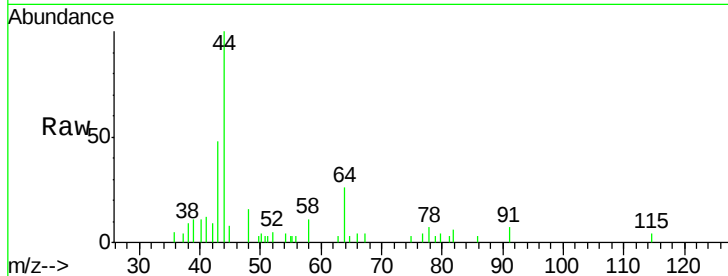
ClientSampleId :

Tot Ion: 43 Resp: 1347

Ion Ratio Lower Upper

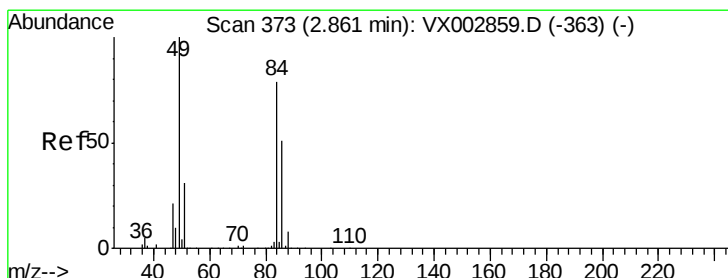
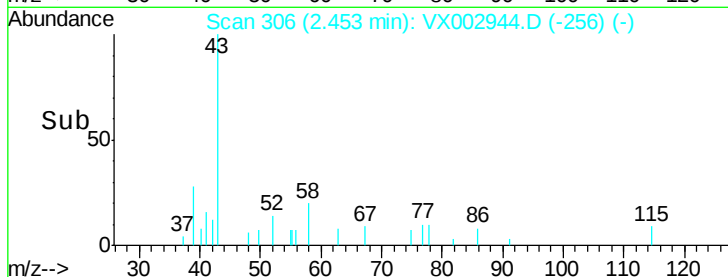
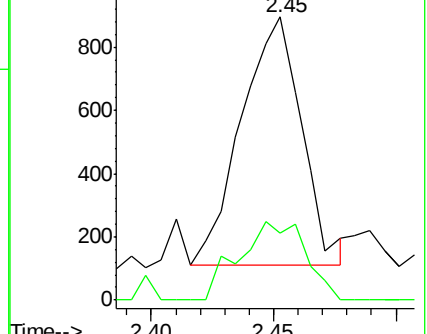
43 100

58 26.9 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#20

Methylene Chloride

Concen: 0.31 ug/l

RT: 2.86 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX002944.D

Acq: 27 Jun 2018 18:43

Tgt Ion: 84 Resp: 924

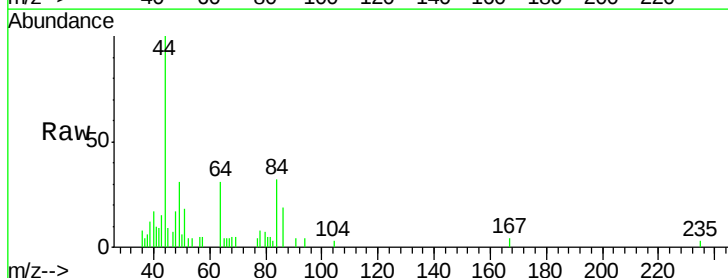
Ion Ratio Lower Upper

84 100

49 96.6 107.8 161.6#

51 36.6 32.8 49.2

86 58.0 52.5 78.7

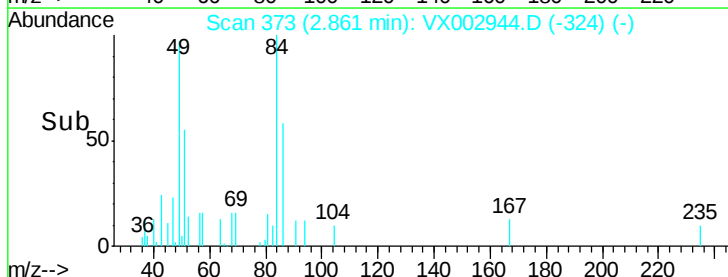
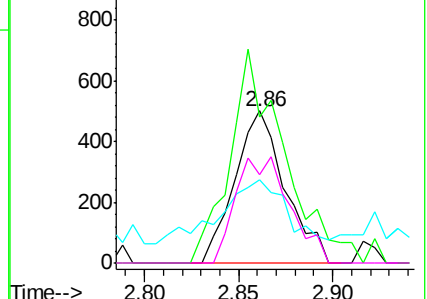


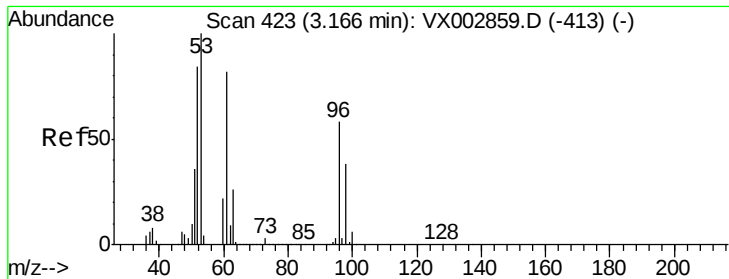
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 0.35 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002944.D

Acq: 27 Jun 2018 18:43

Instrument :

MSVOA_X

ClientSampled :

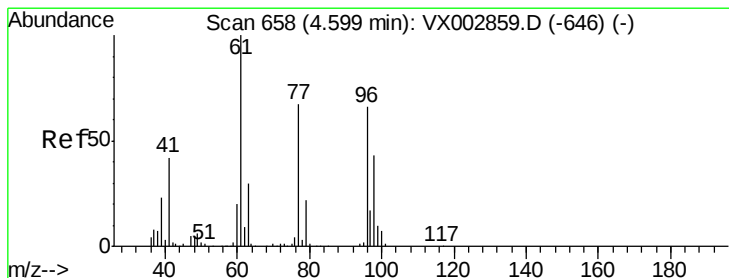
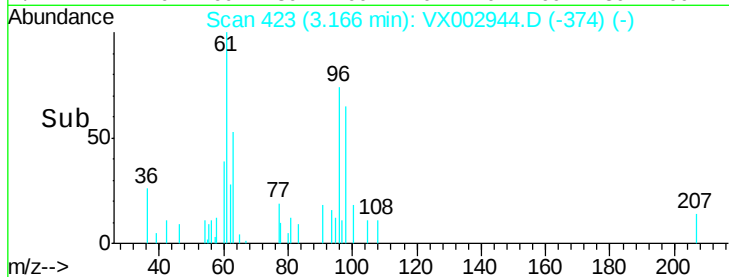
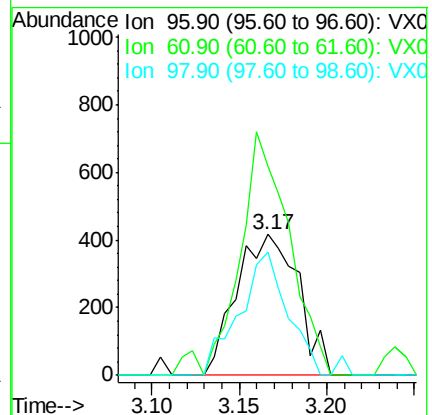
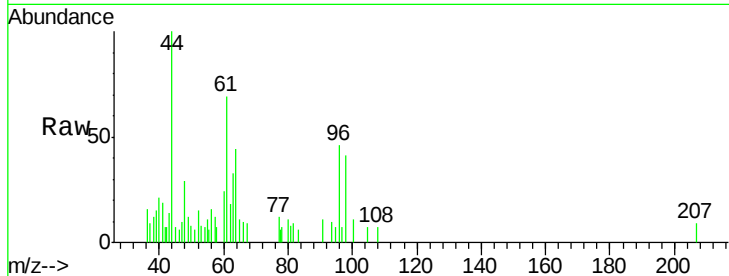
Tot Ion: 96 Resp: 1026

Ion Ratio Lower Upper

96 100

61 148.4 117.0 175.4

98 87.5 52.4 78.6#



#27

cis-1,2-Dichloroethene

Concen: 52.06 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.01 min

Lab File: VX002944.D

Acq: 27 Jun 2018 18:43

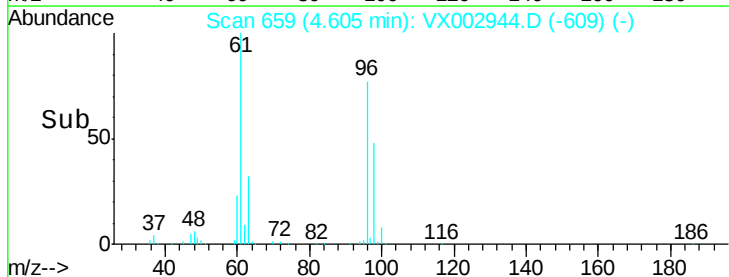
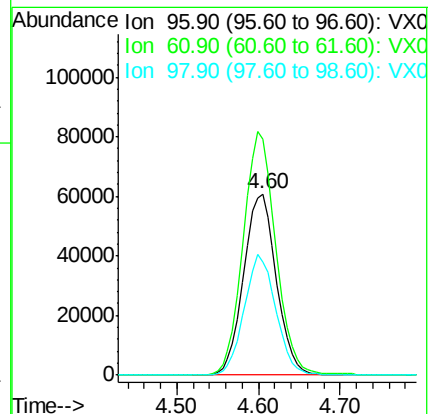
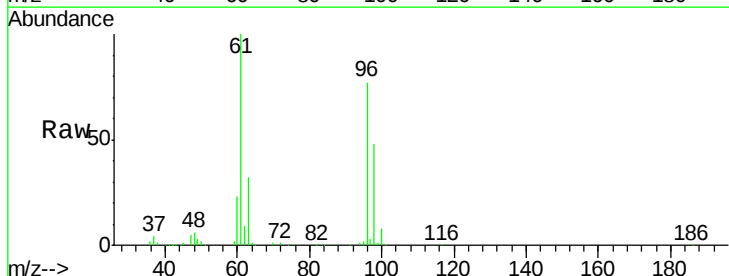
Tgt Ion: 96 Resp: 169233

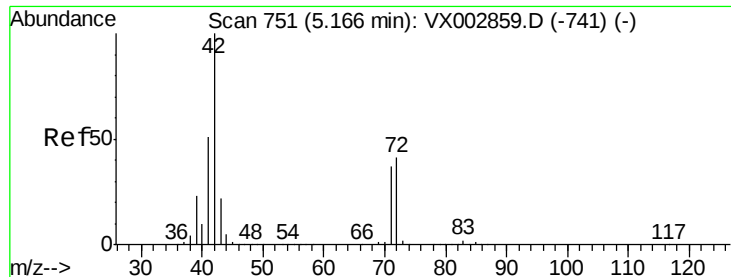
Ion Ratio Lower Upper

96 100

61 134.5 0.0 330.2

98 64.6 0.0 130.2

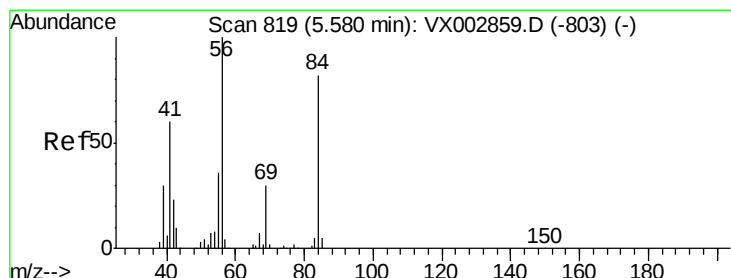
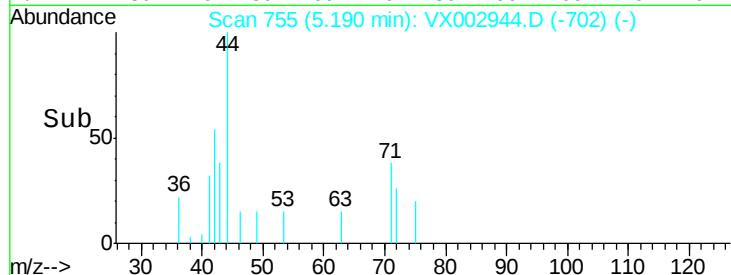
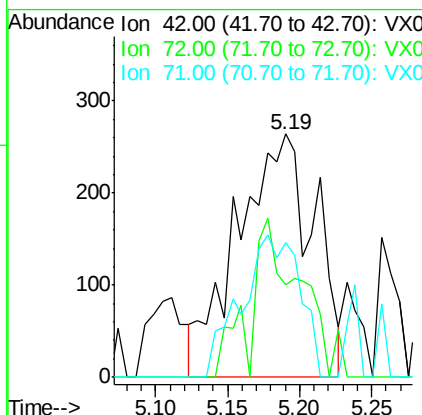
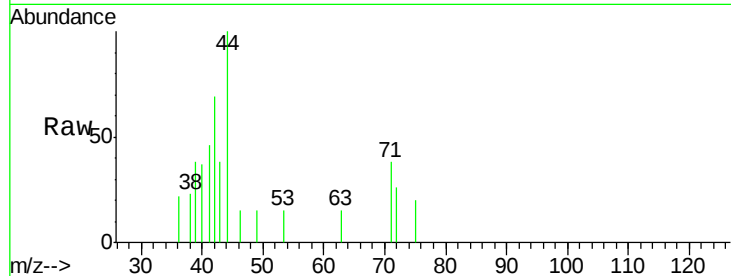




#29
Tetrahydrofuran
Concen: 0.66 ug/l
RT: 5.19 min Scan# 755
Delta R.T. 0.02 min
Lab File: VX002944.D
Acq: 27 Jun 2018 18:43

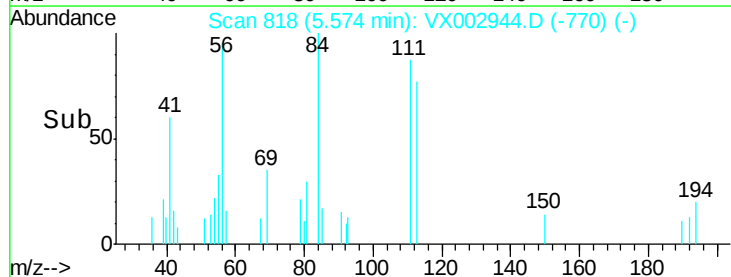
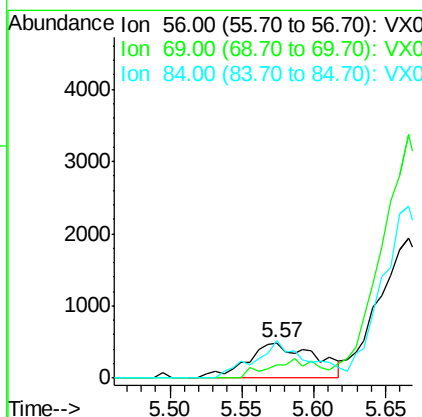
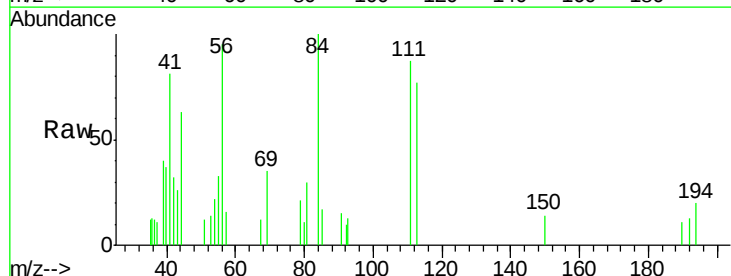
Instrument :
MSVOA_X
ClientSampled :

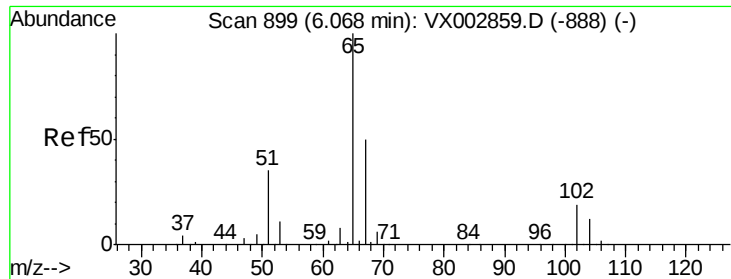
Tot Ion: 42 Resp: 976
Ion Ratio Lower Upper
42 100
72 43.1 32.0 48.0
71 44.8 30.1 45.1



#31
Cyclohexane
Concen: 0.34 ug/l
RT: 5.57 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX002944.D
Acq: 27 Jun 2018 18:43

Tgt Ion: 56 Resp: 1595
Ion Ratio Lower Upper
56 100
69 36.9 23.7 35.5#
84 105.3 64.1 96.1#

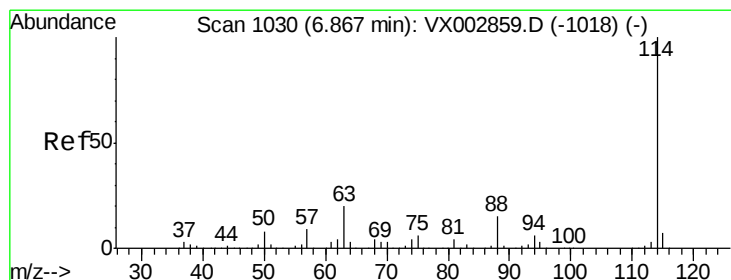
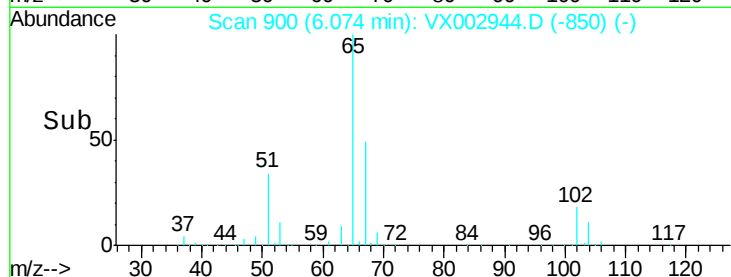
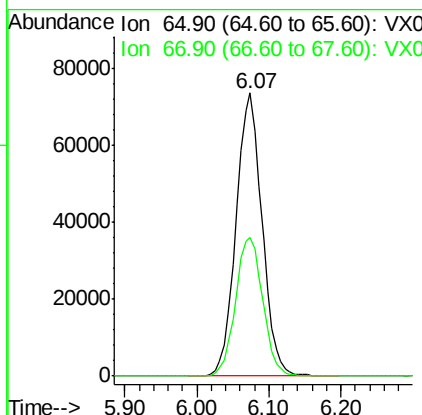
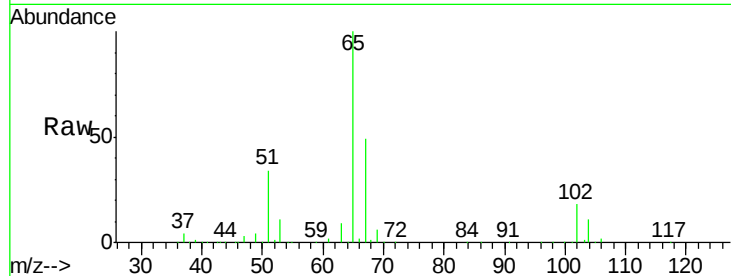




#33
 1,2-Dichloroethane-d4
 Concen: 49.54 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX002944.D
 Acq: 27 Jun 2018 18:43

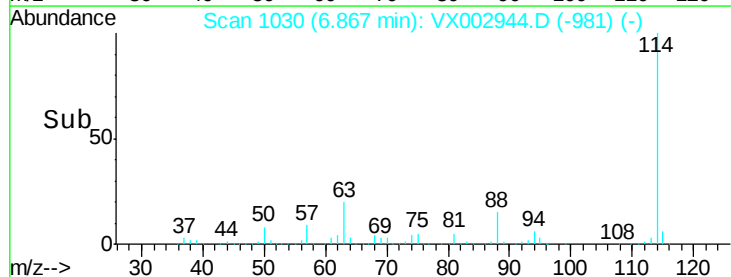
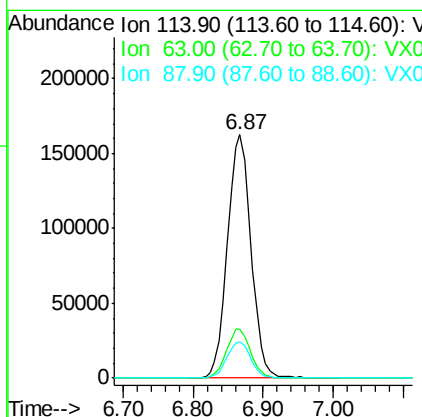
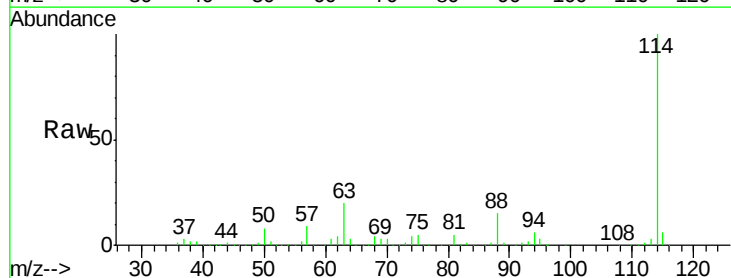
Instrument :
 MSVOA_X
 ClientSampleId :

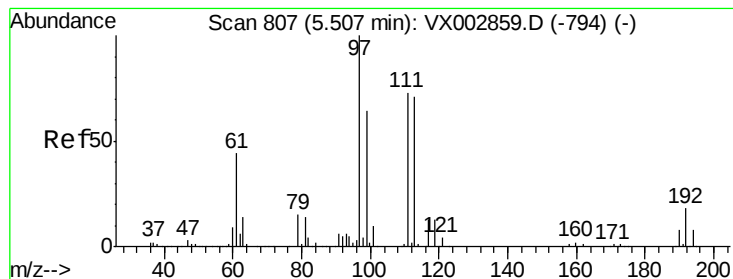
Tot Ion: 65 Resp: 184817
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX002944.D
 Acq: 27 Jun 2018 18:43

Tgt Ion: 114 Resp: 381111
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 41.4
 88 15.0 0.0 30.0





#35

Dibromofluoromethane

Concen: 47.49 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX002944.D

Acq: 27 Jun 2018 18:43

Instrument :

MSVOA_X

ClientSampleId :

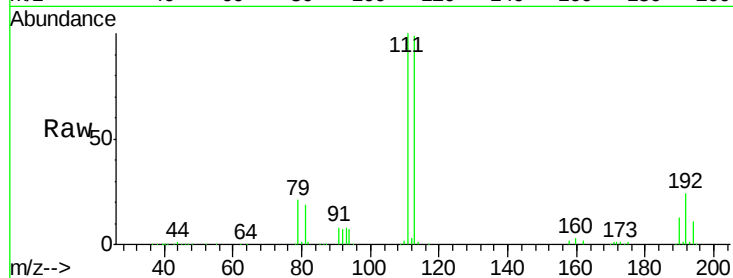
Tot Ion:113 Resp: 143324

Ion Ratio Lower Upper

113 100

111 101.8 81.4 122.0

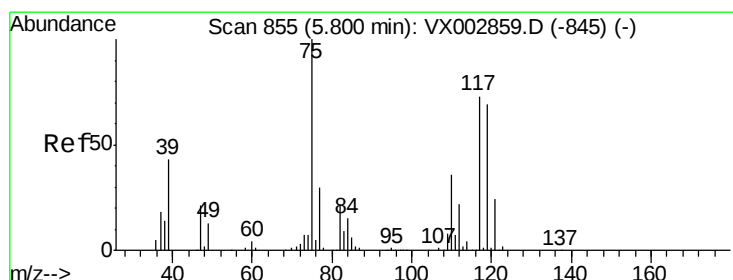
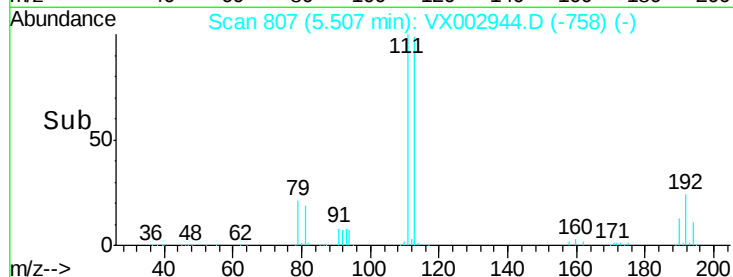
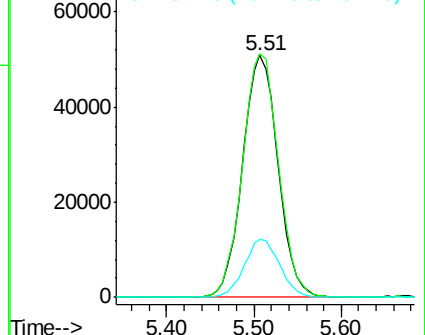
192 24.1 19.1 28.7



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: 4.42 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.14 min

Lab File: VX002944.D

Acq: 27 Jun 2018 18:43

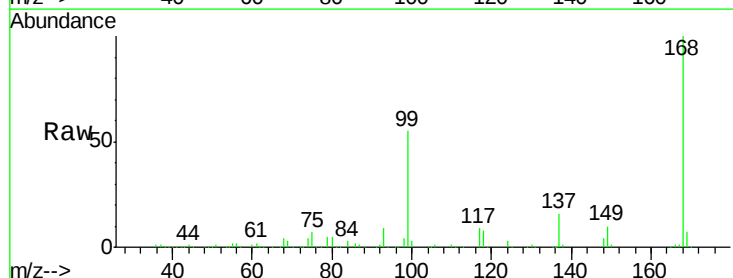
Tgt Ion: 75 Resp: 18474

Ion Ratio Lower Upper

75 100

110 10.4 18.1 54.4#

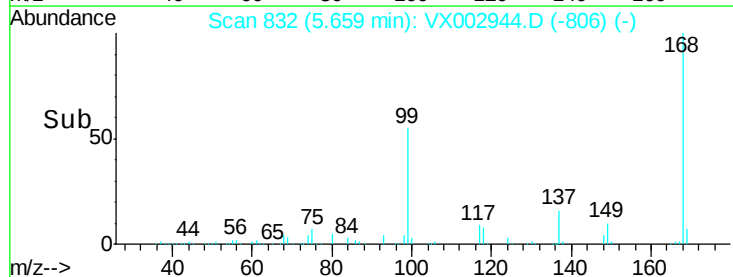
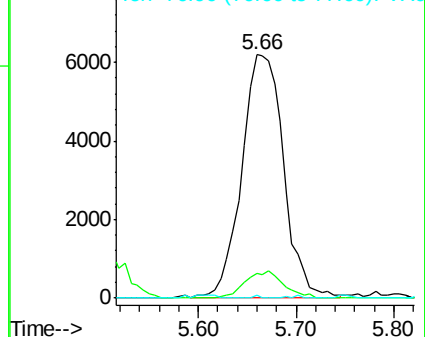
77 0.2 24.3 36.5#

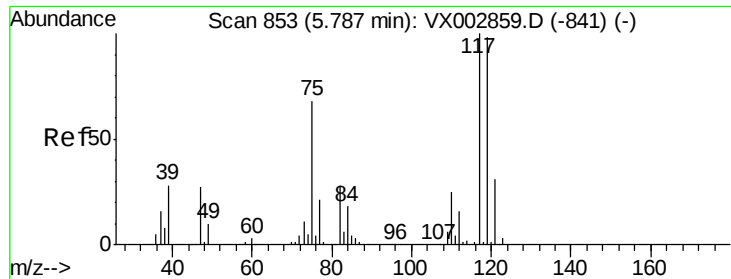


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

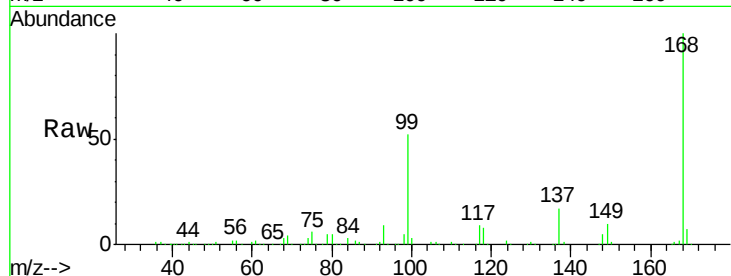




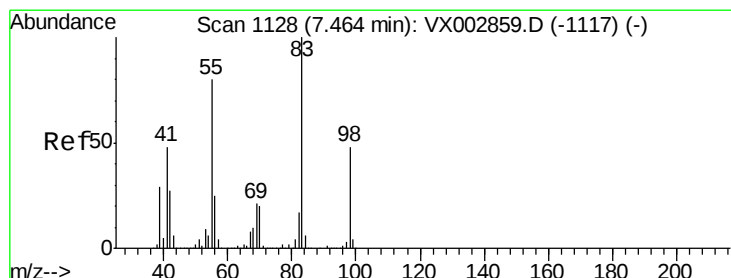
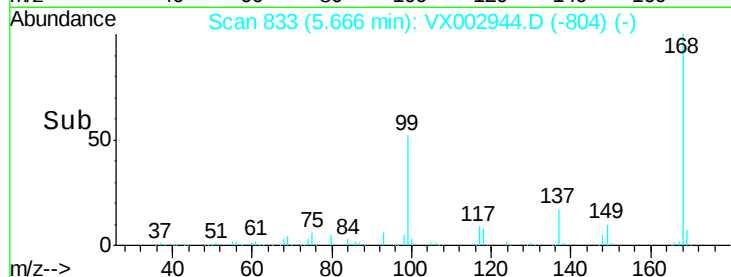
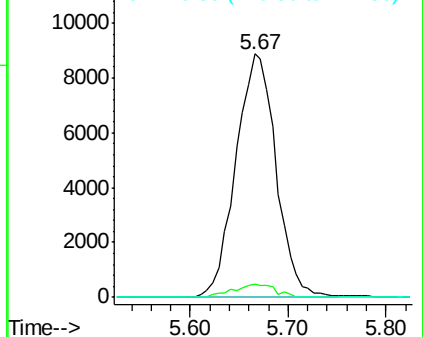
#38
Carbon Tetrachloride
Concen: 5.51 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX002944.D
Acq: 27 Jun 2018 18:43

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 25275
Ion Ratio Lower Upper
117 100
119 5.3 77.4 116.0#
121 0.0 24.4 36.6#

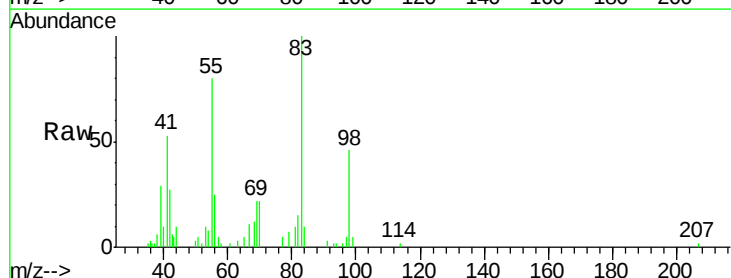


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

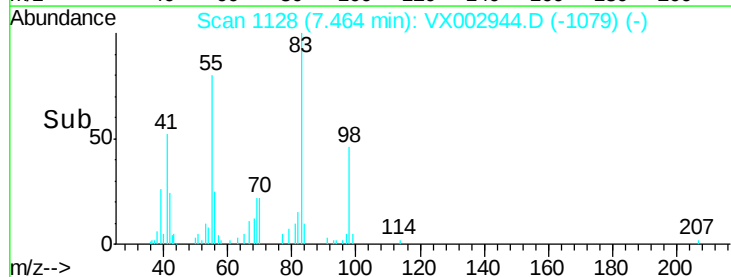
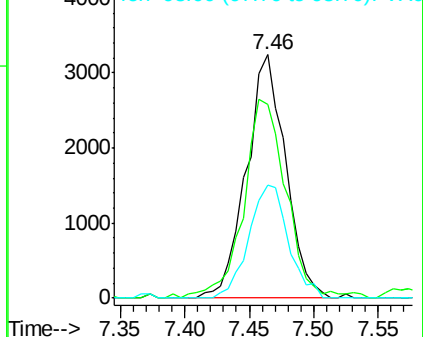


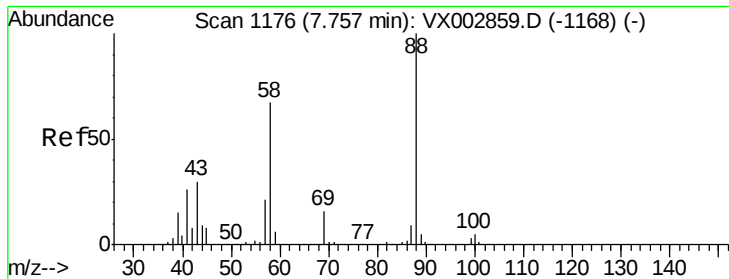
#39
Methylcyclohexane
Concen: 1.40 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX002944.D
Acq: 27 Jun 2018 18:43

Tgt Ion: 83 Resp: 6815
Ion Ratio Lower Upper
83 100
55 78.2 65.4 98.0
98 46.2 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

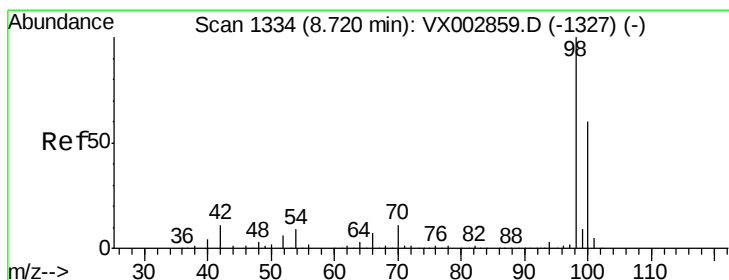
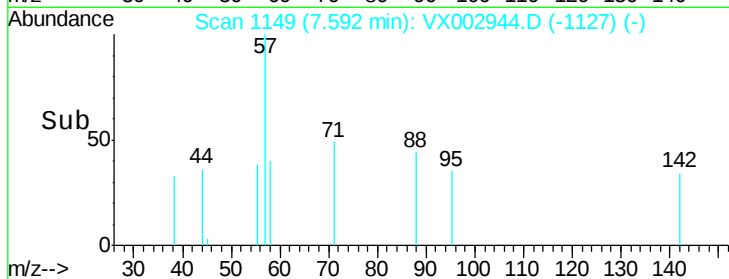
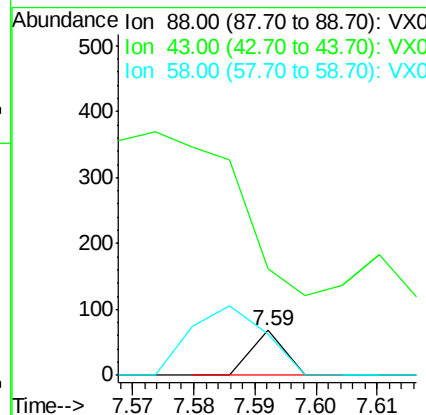
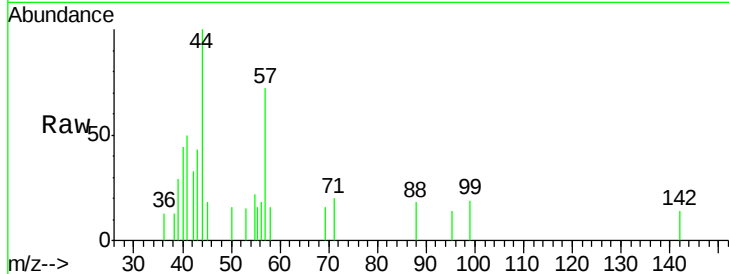




#49
1,4-Dioxane
Concen: 0.33 ug/l
RT: 7.59 min Scan# 1149
Delta R.T. -0.16 min
Lab File: VX002944.D
Acq: 27 Jun 2018 18:43

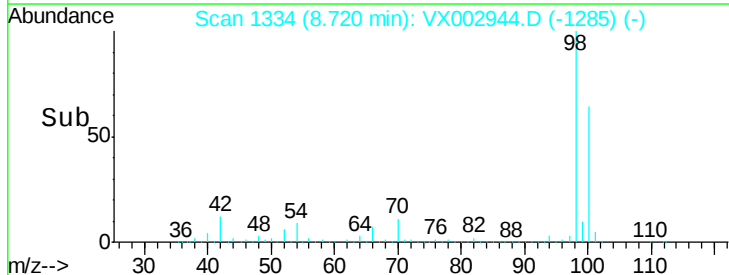
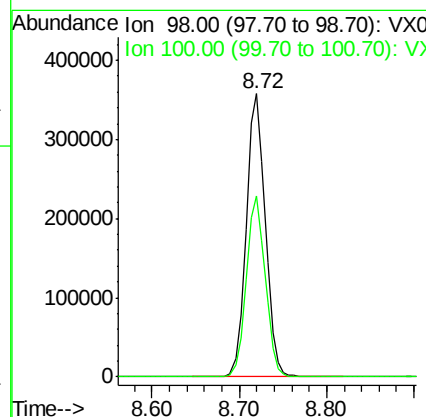
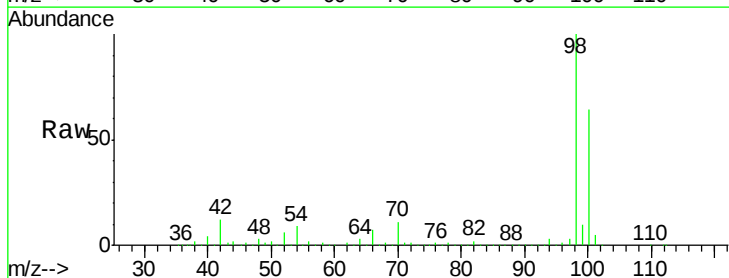
Instrument :
MSVOA_X
ClientSampled :

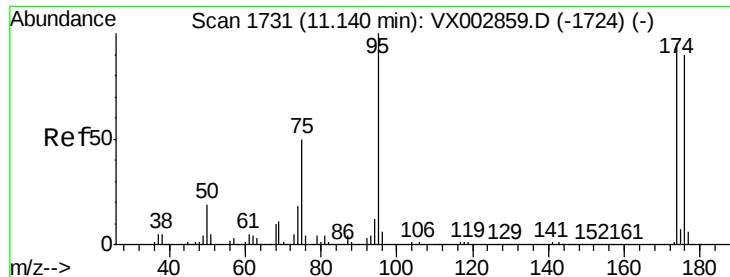
Tot Ion: 88 Resp: 25
Ion Ratio Lower Upper
88 100
43 2588.0 29.8 44.6#
58 356.0 57.1 85.7#



#50
Toluene-d8
Concen: 49.06 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002944.D
Acq: 27 Jun 2018 18:43

Tgt Ion: 98 Resp: 540674
Ion Ratio Lower Upper
98 100
100 63.7 50.9 76.3





#62

4-Bromofluorobenzene

Concen: 47.50 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002944.D

Acq: 27 Jun 2018 18:43

Instrument :

MSVOA_X

ClientSampleId :

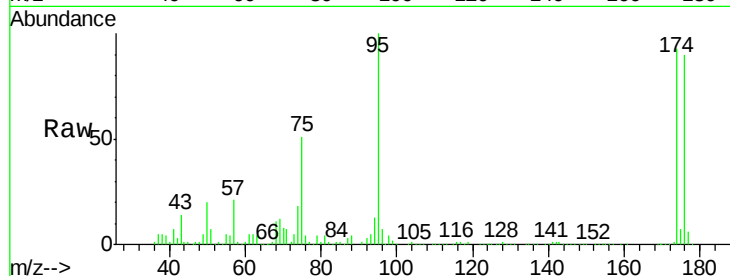
Tot Ion: 95 Resp: 201909

Ion Ratio Lower Upper

95 100

174 94.9 0.0 187.4

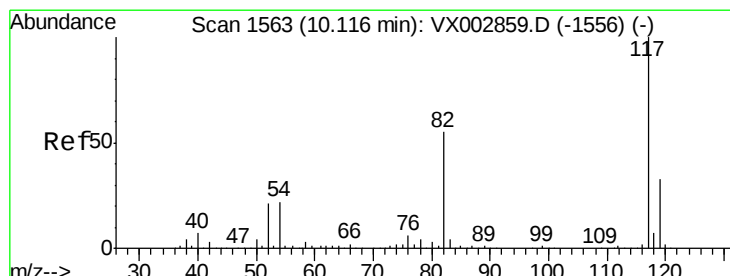
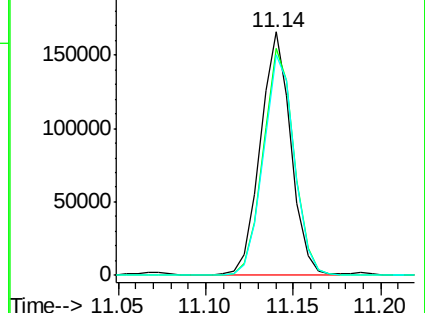
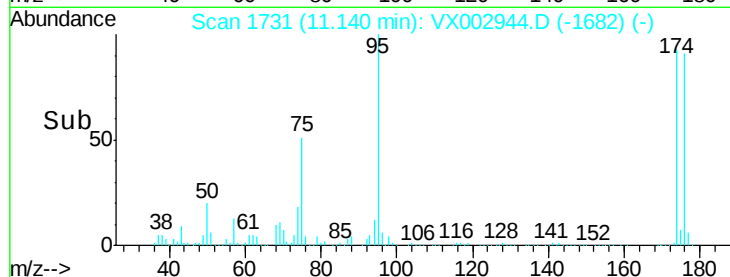
176 92.5 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX002944.D (-1682) (-)

Ion 173.80 (173.50 to 174.50): VX002944.D (-1682) (-)

Ion 175.80 (175.50 to 176.50): VX002944.D (-1682) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX002944.D

Acq: 27 Jun 2018 18:43

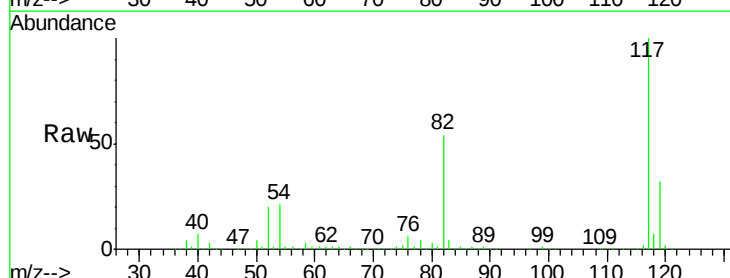
Tgt Ion: 117 Resp: 358994

Ion Ratio Lower Upper

117 100

82 53.7 45.0 67.4

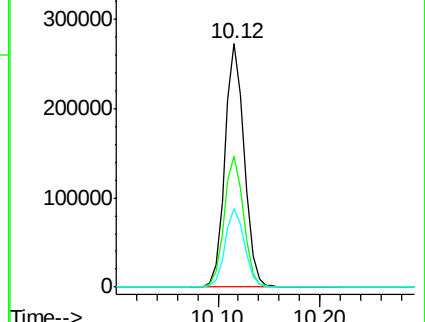
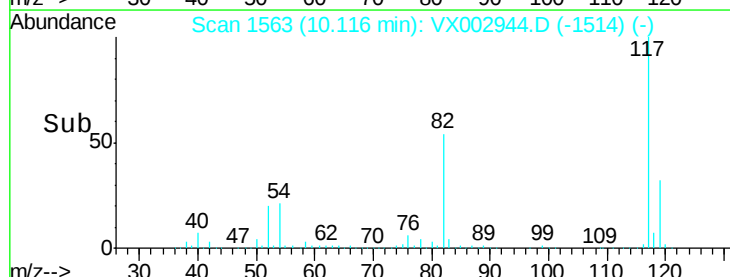
119 32.0 25.8 38.6

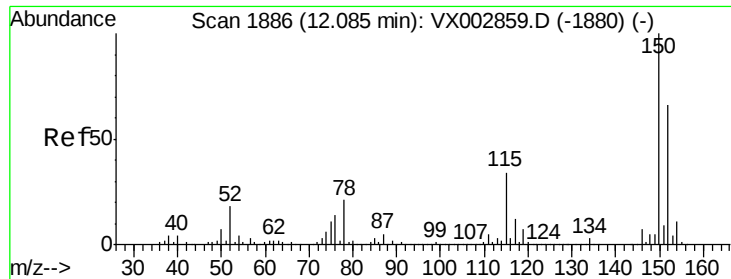


Abundance Ion 116.90 (116.60 to 117.60): VX002944.D (-1514) (-)

Ion 82.00 (81.70 to 82.70): VX002944.D (-1514) (-)

Ion 118.90 (118.60 to 119.60): VX002944.D (-1514) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX002944.D

Acq: 27 Jun 2018 18:43

Instrument :

MSVOA_X

ClientSampleId :

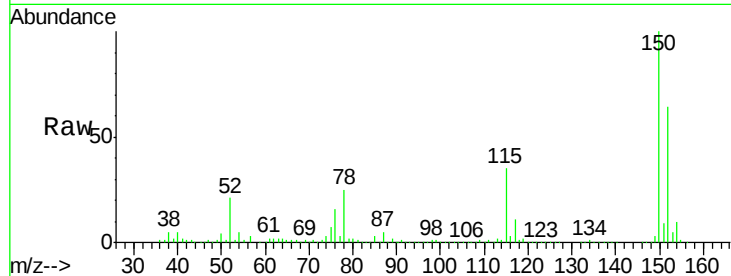
Tot Ion:152 Resp: 212601

Ion Ratio Lower Upper

152 100

115 54.9 40.1 120.2

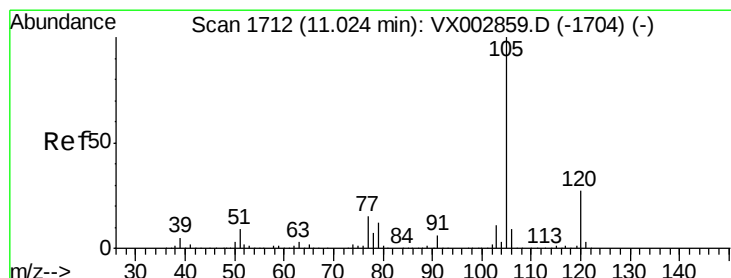
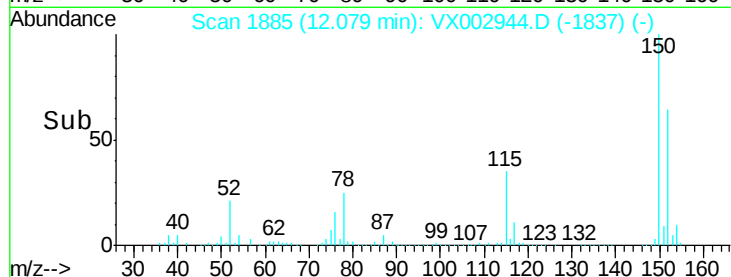
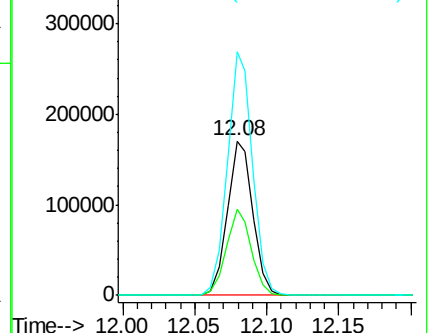
150 155.5 0.0 347.2



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: 0.51 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002944.D

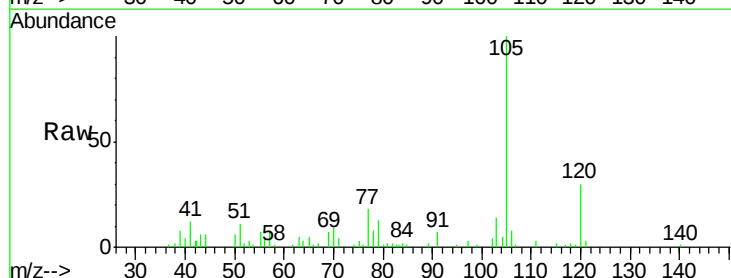
Acq: 27 Jun 2018 18:43

Tgt Ion:105 Resp: 7316

Ion Ratio Lower Upper

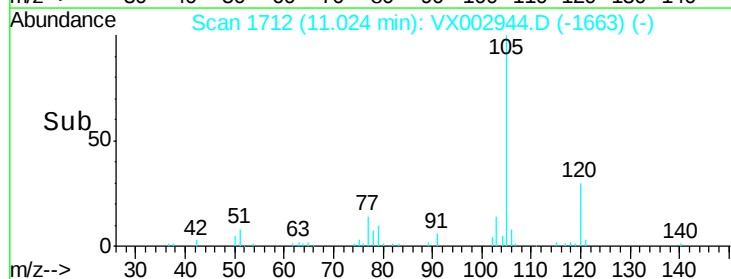
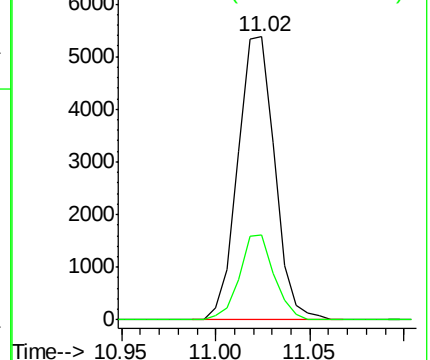
105 100

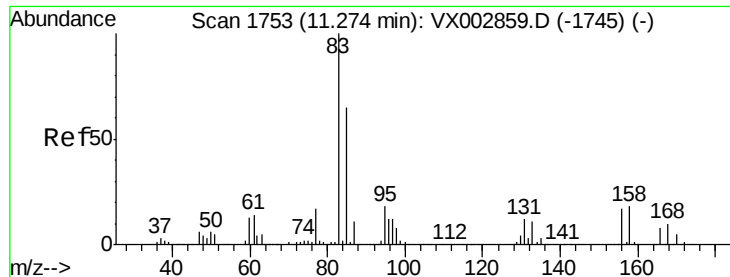
120 28.2 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 0.25 ug/l

RT: 11.28 min Scan# 1754

Delta R.T. 0.01 min

Lab File: VX002944.D

Acq: 27 Jun 2018 18:43

Instrument :

MSVOA_X

ClientSampleId :

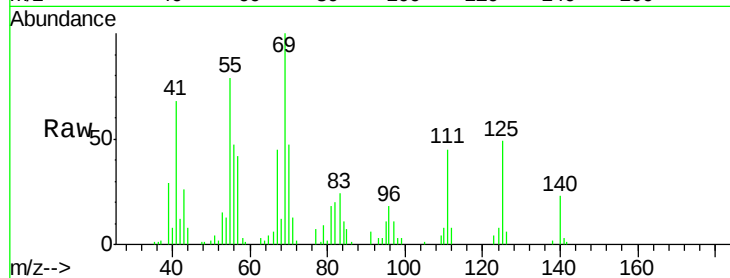
Tot Ion: 83 Resp: 1116

Ion Ratio Lower Upper

83 100

131 0.0 5.6 16.8#

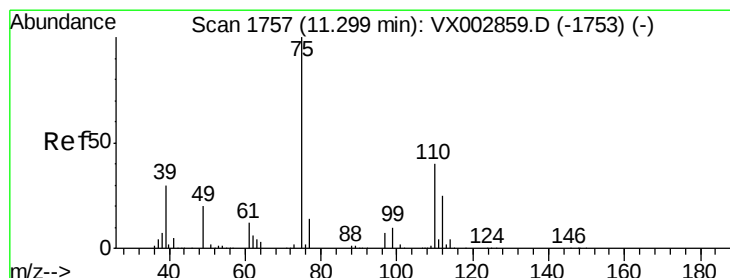
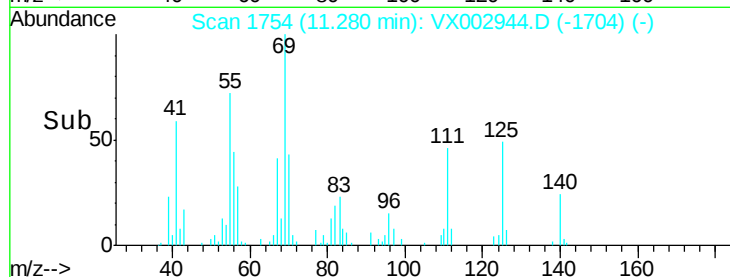
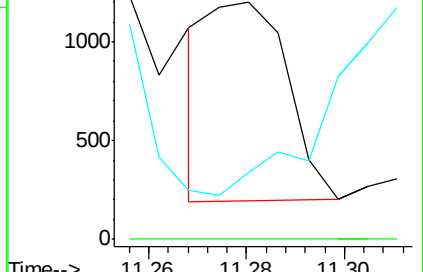
85 0.0 32.4 97.2#



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: 27.33 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX002944.D

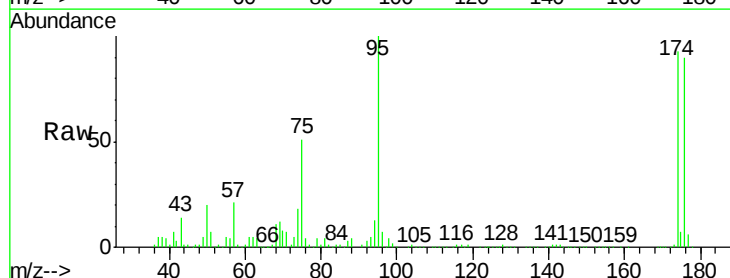
Acq: 27 Jun 2018 18:43

Tgt Ion: 75 Resp: 105264

Ion Ratio Lower Upper

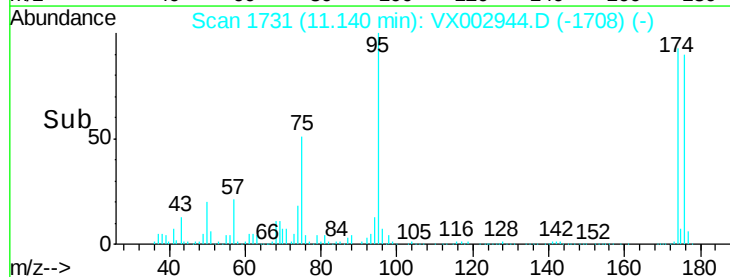
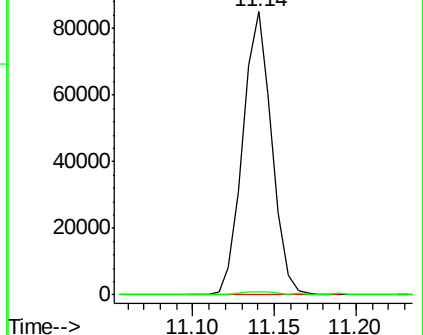
75 100

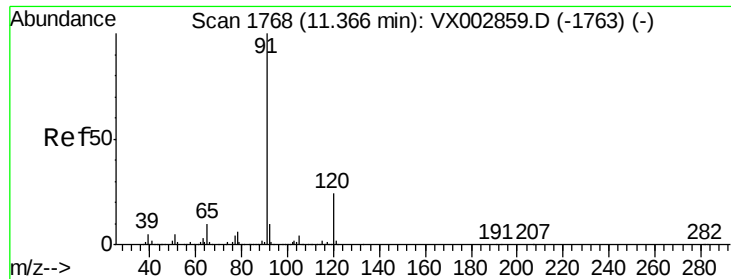
77 1.4 22.8 68.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 0.38 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.01 min

Lab File: VX002944.D

Acq: 27 Jun 2018 18:43

Instrument :

MSVOA_X

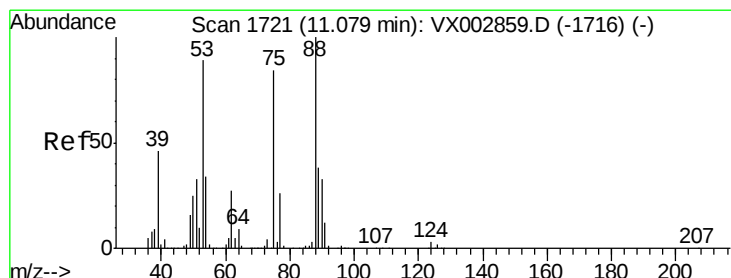
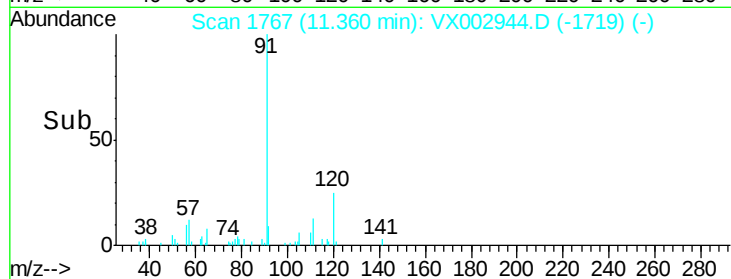
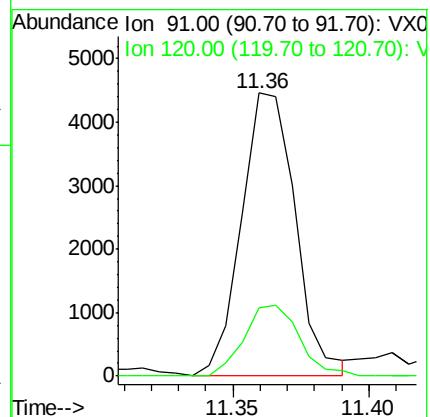
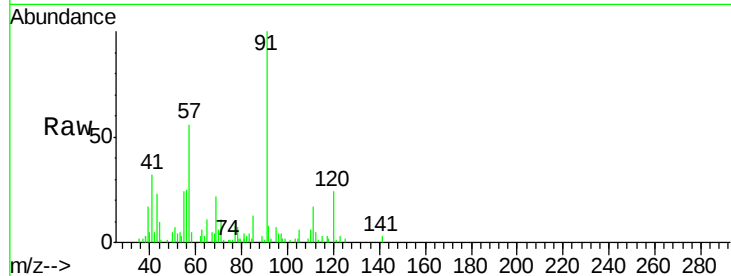
ClientSampled :

Tot Ion: 91 Resp: 6145

Ion Ratio Lower Upper

91 100

120 25.6 11.8 35.4



#81

trans-1,4-Dichloro-2-butene

Concen: 77.34 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX002944.D

Acq: 27 Jun 2018 18:43

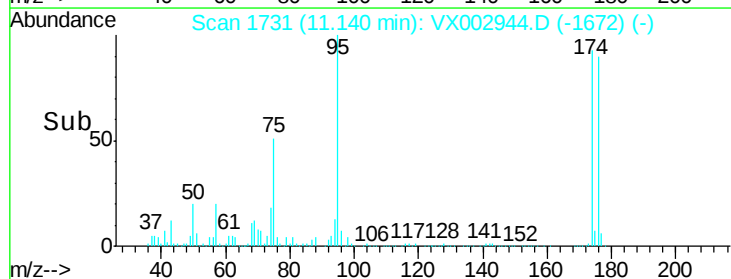
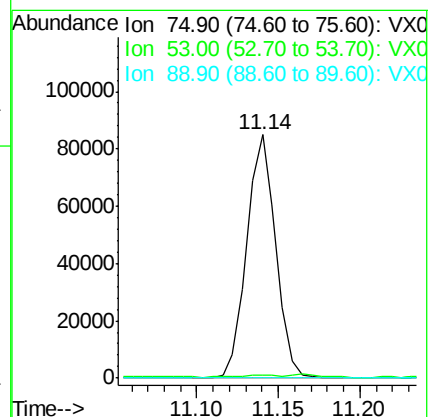
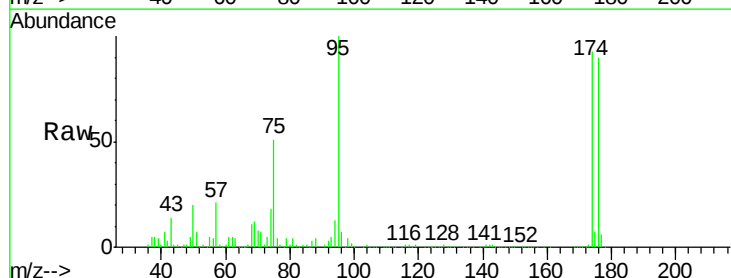
Tgt Ion: 75 Resp: 105264

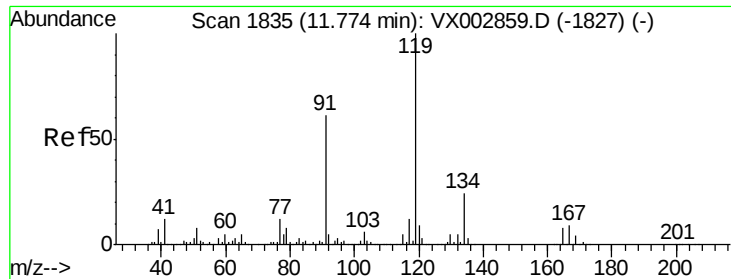
Ion Ratio Lower Upper

75 100

53 1.7 86.8 130.2#

89 0.0 38.2 57.2#

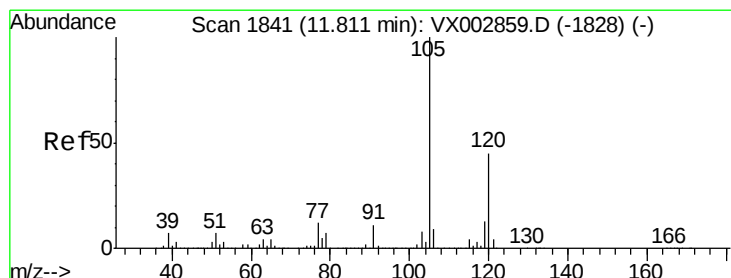
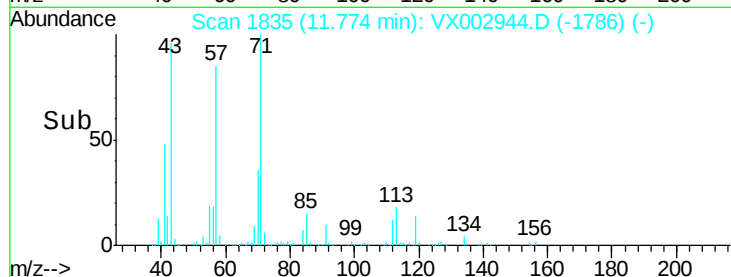
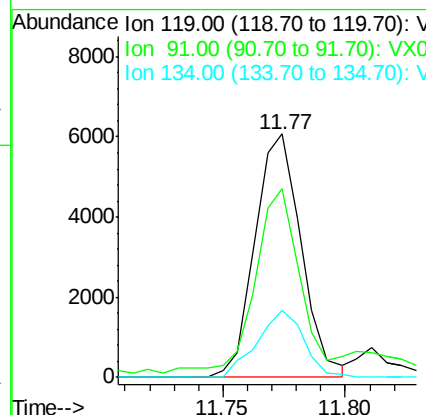
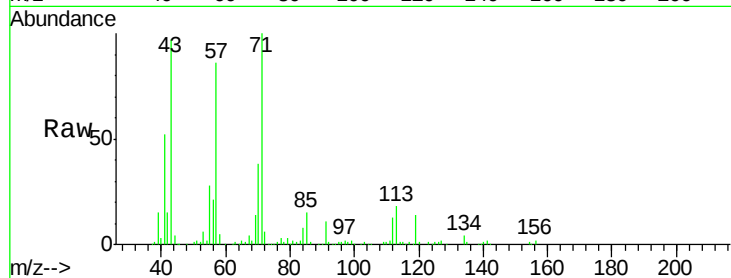




#83
tert-Butylbenzene
Concen: 0.67 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX002944.D
Acq: 27 Jun 2018 18:43

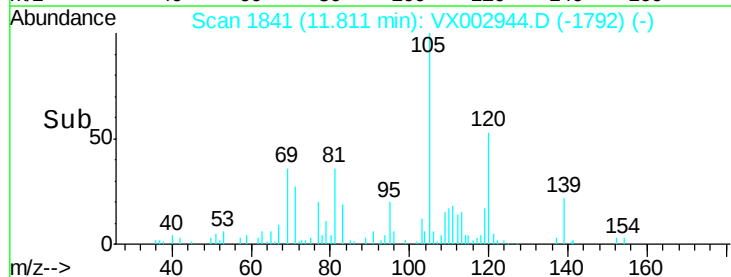
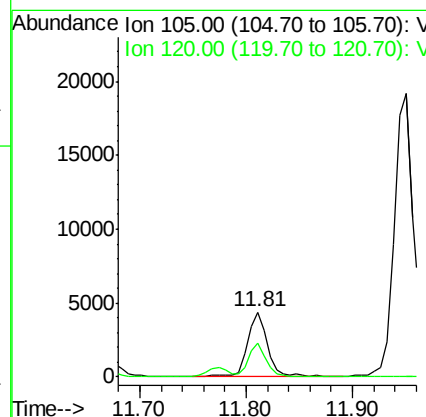
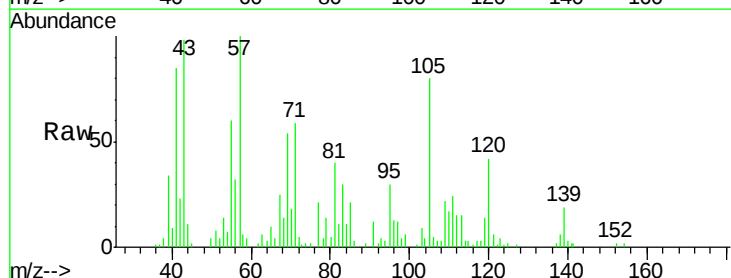
Instrument :
MSVOA_X
ClientSampled :

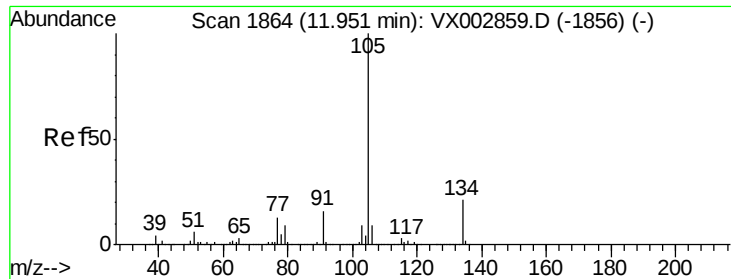
Tot Ion:119 Resp: 8013
Ion Ratio Lower Upper
119 100
91 75.5 30.3 90.9
134 27.8 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 0.47 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX002944.D
Acq: 27 Jun 2018 18:43

Tgt Ion:105 Resp: 5870
Ion Ratio Lower Upper
105 100
120 44.5 22.3 66.8

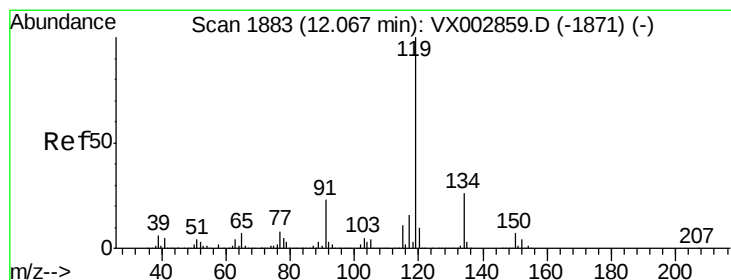
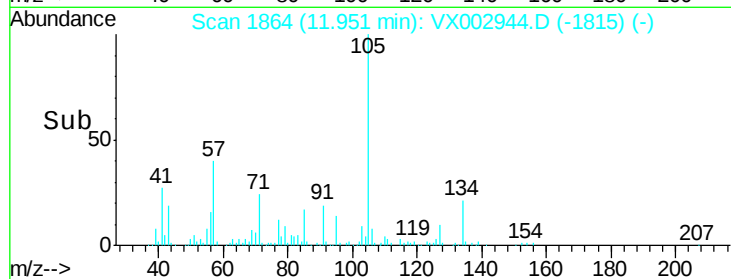
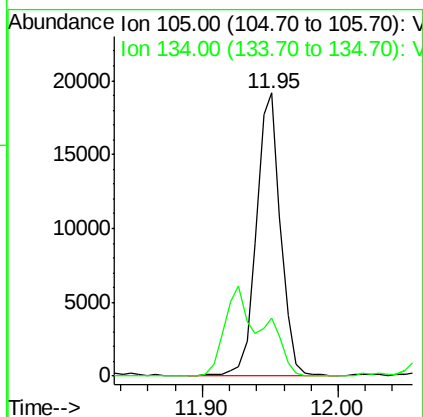
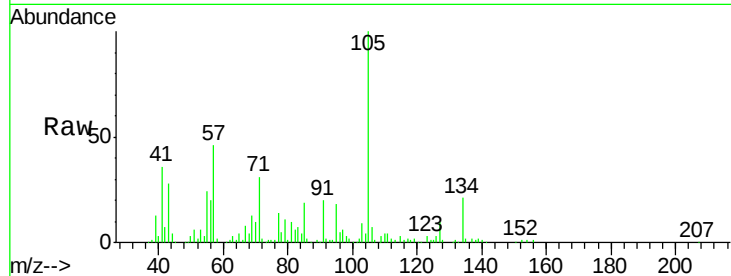




#85
 sec-Butylbenzene
 Concen: 1.67 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX002944.D
 Acq: 27 Jun 2018 18:43

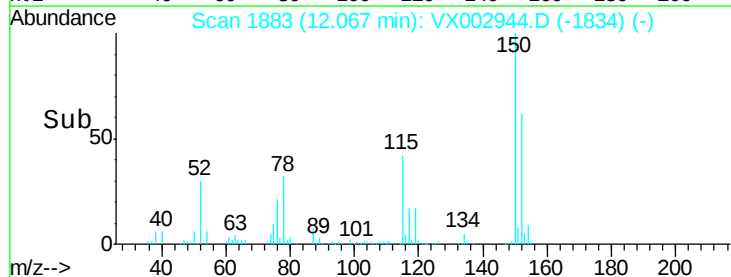
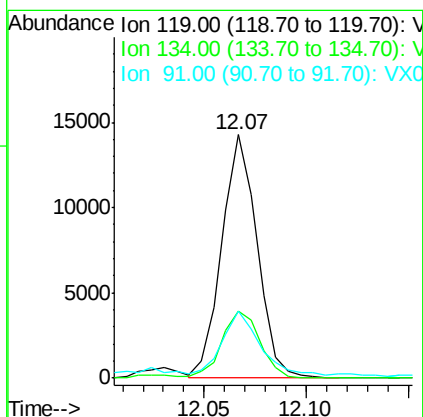
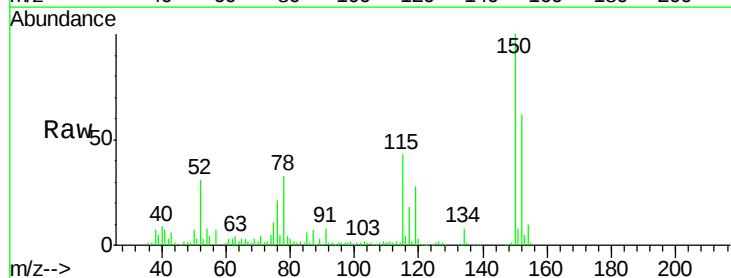
Instrument :
 MSVOA_X
 ClientSampleId :

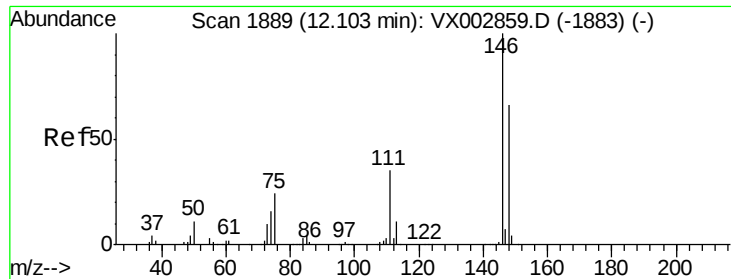
Tot Ion:105 Resp: 24086
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.1#



#86
 p-Isopropyltoluene
 Concen: 1.32 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VX002944.D
 Acq: 27 Jun 2018 18:43

Tgt Ion:119 Resp: 17094
 Ion Ratio Lower Upper
 119 100
 134 29.7 13.4 40.1
 91 27.1 11.9 35.7





#88

1,4-Dichlorobenzene

Concen: 0.29 ug/l

RT: 12.10 min Scan# 1888

Delta R.T. -0.01 min

Lab File: VX002944.D

Acq: 27 Jun 2018 18:43

Instrument :

MSVOA_X

ClientSampled :

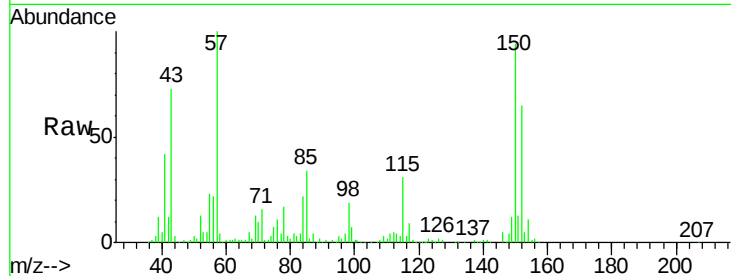
Tot Ion:146 Resp: 2253

Ion Ratio Lower Upper

146 100

111 183.0 18.7 56.1#

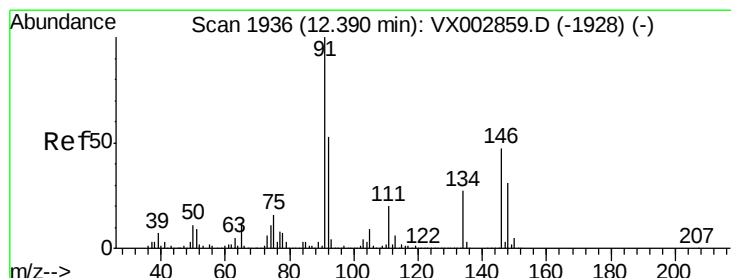
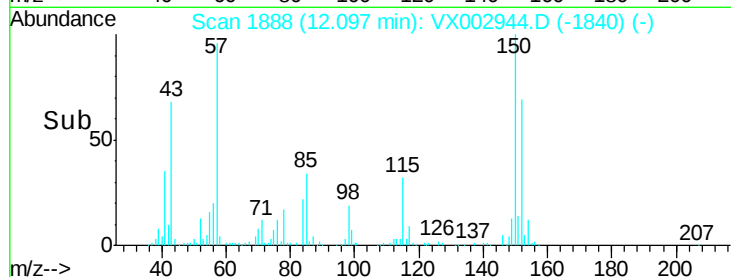
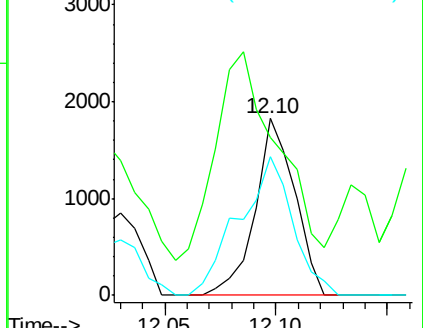
148 106.8 32.4 97.0#



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



#89

n-Butylbenzene

Concen: 2.22 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX002944.D

Acq: 27 Jun 2018 18:43

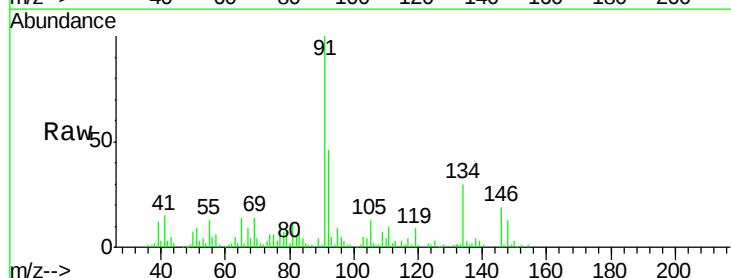
Tgt Ion: 91 Resp: 25029

Ion Ratio Lower Upper

91 100

92 44.2 26.0 78.0

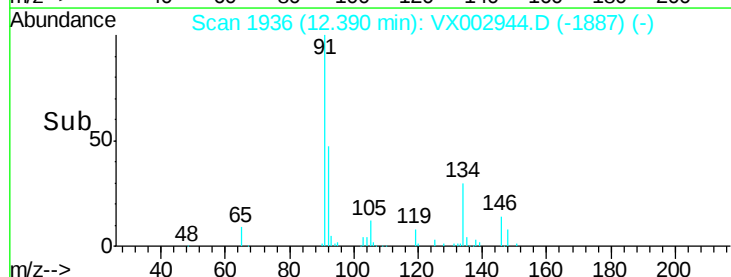
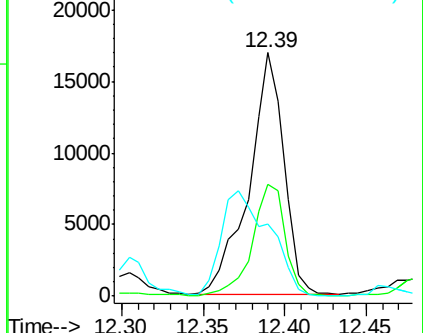
134 61.3 13.5 40.5#

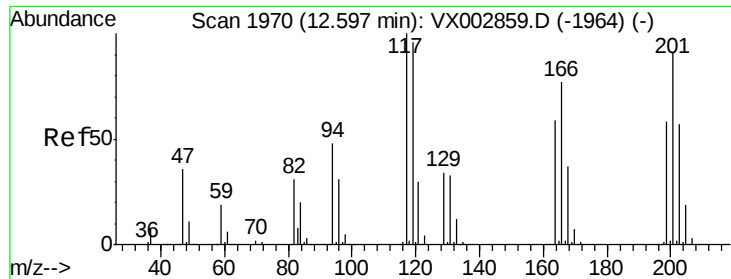


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 1.20 ug/l

RT: 12.59 min Scan# 1969

Delta R.T. -0.01 min

Lab File: VX002944.D

Acq: 27 Jun 2018 18:43

Instrument :

MSVOA_X

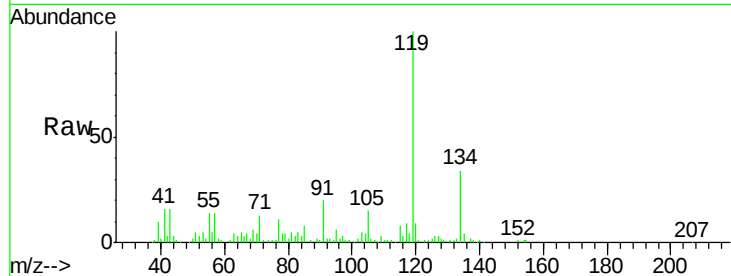
ClientSampleId :

Tot Ion:117 Resp: 2306

Ion Ratio Lower Upper

117 100

201 0.0 49.0 147.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

12.59

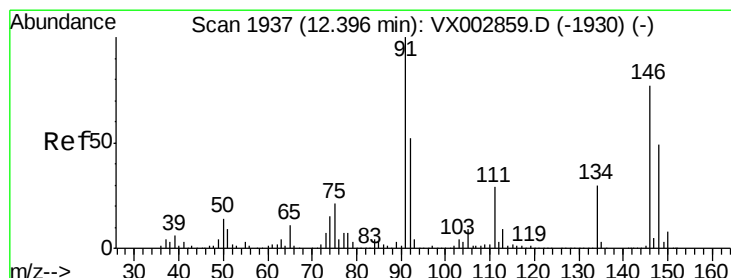
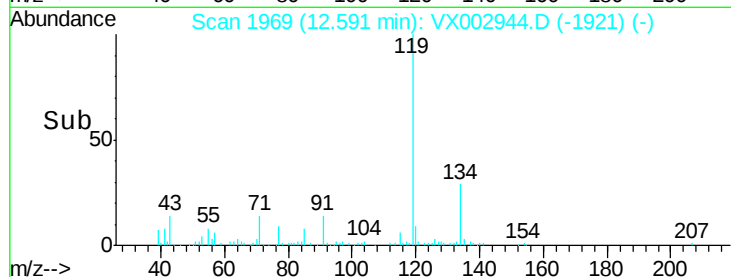
1500

1000

500

0

Time-->



#91

1,2-Dichlorobenzene

Concen: 0.67 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX002944.D

Acq: 27 Jun 2018 18:43

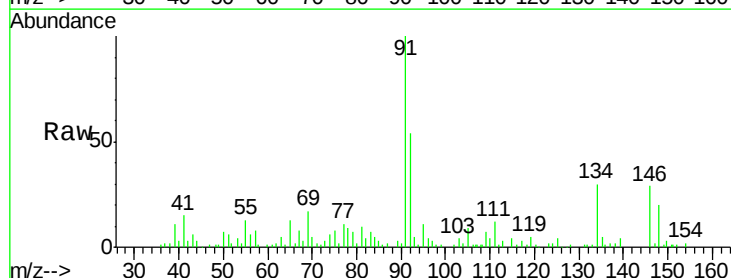
Tgt Ion:146 Resp: 5060

Ion Ratio Lower Upper

146 100

111 59.2 19.4 58.1#

148 67.2 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

12.40

5000

4000

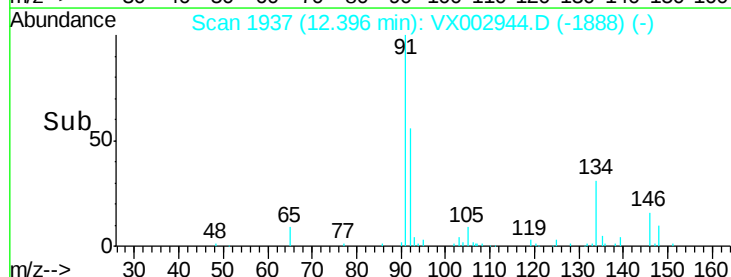
3000

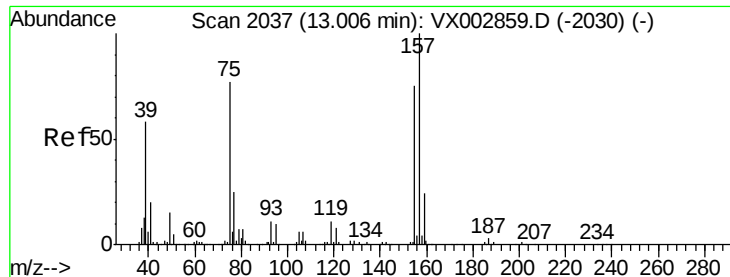
2000

1000

0

Time-->





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.25 ug/l

RT: 13.02 min Scan# 2039

Delta R.T. 0.01 min

Lab File: VX002944.D

Acq: 27 Jun 2018 18:43

Instrument :

MSVOA_X

ClientSampleId :

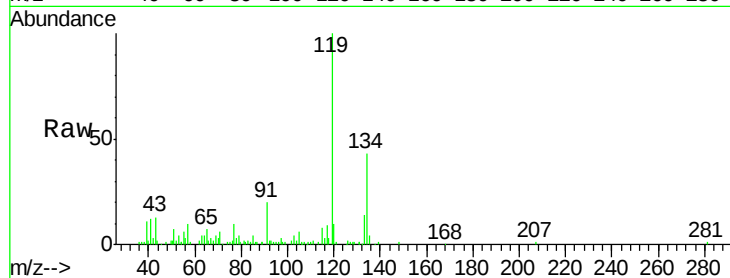
Tot Ion: 75 Resp: 249

Ion Ratio Lower Upper

75 100

155 26.1 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

