

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062618\
 Data File : VX002911.D
 Acq On : 26 Jun 2018 23:17
 Operator : JC/MD
 Sample : J3707-05 50X
 Misc : 5.49g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 27 02:43:43 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	254347	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	357086	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	335816	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	200761	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	173127	49.25	ug/l	0.00
Spiked Amount			Recovery	=	98.50%	
35) Dibromofluoromethane	5.51	113	137426	48.60	ug/l	0.00
Spiked Amount			Recovery	=	97.20%	
50) Toluene-d8	8.72	98	511508	49.53	ug/l	0.00
Spiked Amount			Recovery	=	99.06%	
62) 4-Bromofluorobenzene	11.14	95	189144	47.49	ug/l	0.00
Spiked Amount			Recovery	=	94.98%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	47	Below Cal	#	43
3) Chloromethane	1.33	50	314	Below Cal	#	7
5) Bromomethane	1.65	94	2020	Below Cal		89
6) Chloroethane	1.72	64	258	Below Cal	#	61
10) Methyl Iodide	2.52	142	2058	6.86	ug/l	98
11) Tert butyl alcohol	3.03	59	1910	2.73	ug/l #	73
12) 1,1-Dichloroethene	2.37	96	5619	2.24	ug/l	92
13) Acrolein	2.29	56	172	4.66	ug/l #	22
15) Acrylonitrile	3.16	53	414	0.28	ug/l #	17
16) Acetone	2.45	43	943	0.65	ug/l	94
20) Methylene Chloride	2.86	84	1303	0.46	ug/l #	85
21) trans-1,2-Dichloroethene	3.16	96	746	0.27	ug/l #	81
27) cis-1,2-Dichloroethene	4.60	96	278831	91.02	ug/l	83
29) Tetrahydrofuran	5.18	42	1254	0.91	ug/l #	82
31) Cyclohexane	5.57	56	5325	1.21	ug/l #	83
36) 1,1-Dichloropropene	5.67	75	17884	4.57	ug/l #	50
38) Carbon Tetrachloride	5.67	117	22863	5.32	ug/l #	16
39) Methylcyclohexane	7.46	83	12871	2.82	ug/l	100
40) Benzene	6.15	78	3460	0.30	ug/l #	78
43) Isopropyl Acetate	6.35	43	8143	1.15	ug/l #	63
44) Trichloroethene	7.22	130	1816072	535.36	ug/l	99
49) 1,4-Dioxane	7.83	88	21	0.30	ug/l #	1
51) 4-Methyl-2-Pentanone	8.67	43	2501	0.57	ug/l #	72
52) Toluene	8.79	92	79014	10.84	ug/l	99
54) cis-1,3-Dichloropropene	8.79	75	1035	0.25	ug/l #	1
60) Dibromochloromethane	9.34	129	1411	0.45	ug/l #	11
64) Tetrachloroethene	9.34	164	1667	0.45	ug/l	88
67) Ethyl Benzene	10.26	91	9886	0.70	ug/l	90
68) m/p-Xylenes	10.36	106	18113	3.34	ug/l	99
69) o-Xylene	10.70	106	6973	1.32	ug/l	93
70) Styrene	10.71	104	2423	0.28	ug/l #	52
73) Isopropylbenzene	11.02	105	5195	0.38	ug/l	97
74) N-amyl acetate	6.35	43	8143	1.23	ug/l #	59
75) 1,1,2,2-Tetrachloroethane	11.27	83	1437	0.35	ug/l #	26

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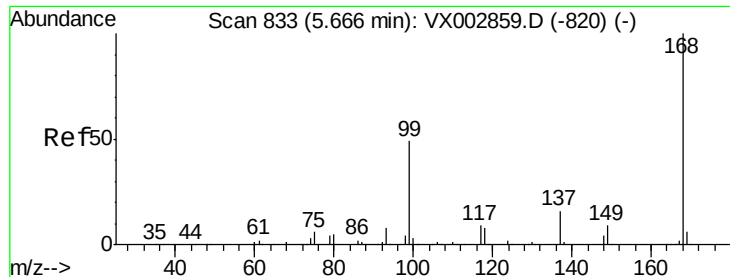
Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 27 02:43:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

76) 1,2,3-Trichloropropane	11.14	75	97565	26.83	ug/l #	33
78) n-propylbenzene	11.37	91	15246	0.99	ug/l	99
79) 2-Chlorotoluene	11.44	91	7566	0.81	ug/l #	43
80) 1,3,5-Trimethylbenzene	11.51	105	38104	3.35	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.14	75	97565	75.97	ug/l #	7
82) 4-Chlorotoluene	11.51	91	5248	0.48	ug/l #	58
83) tert-Butylbenzene	11.77	119	3050	0.27	ug/l	95
84) 1,2,4-Trimethylbenzene	11.81	105	94512	8.02	ug/l	98
85) sec-Butylbenzene	11.95	105	14567	1.07	ug/l	95
86) p-Isopropyltoluene	12.07	119	12717	1.04	ug/l	95
87) 1,3-Dichlorobenzene	12.03	146	5762	0.82	ug/l	86
88) 1,4-Dichlorobenzene	12.10	146	10444	1.44	ug/l #	74
89) n-Butylbenzene	12.39	91	38641	3.63	ug/l #	41
90) Hexachloroethane	12.59	117	5798	3.19	ug/l #	1
91) 1,2-Dichlorobenzene	12.40	146	20591	2.90	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	13.02	75	775	0.83	ug/l #	7
95) Naphthalene	13.83	128	52851	3.85	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX002911.D

Acq: 26 Jun 2018 23:17

Instrument :

MSVOA_X

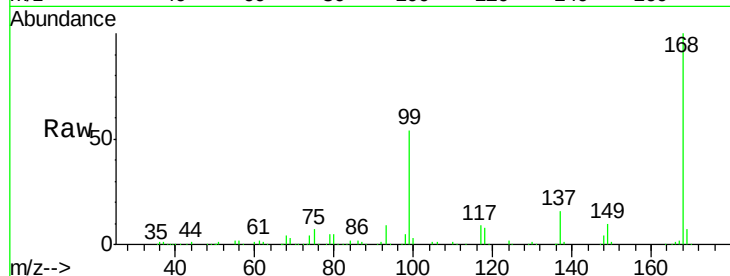
ClientSampled :

Tot Ion:168 Resp: 254347

Ion Ratio Lower Upper

168 100

99 53.7 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

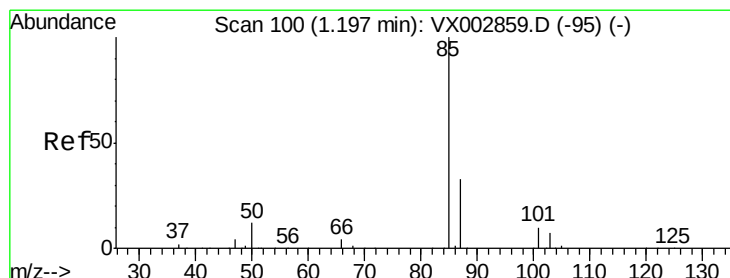
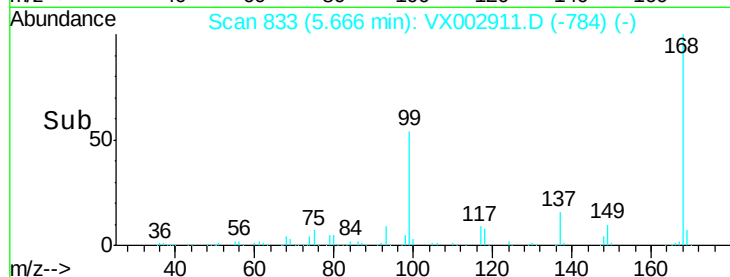
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002911.D

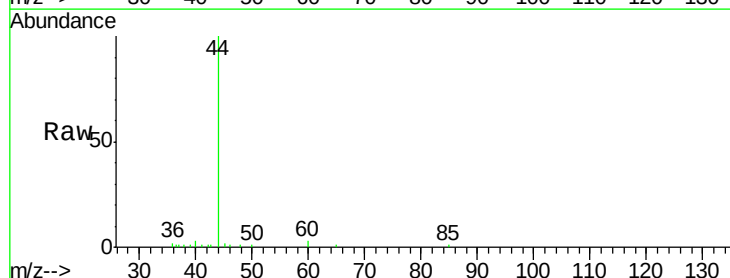
Acq: 26 Jun 2018 23:17

Tgt Ion: 85 Resp: 47

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

80

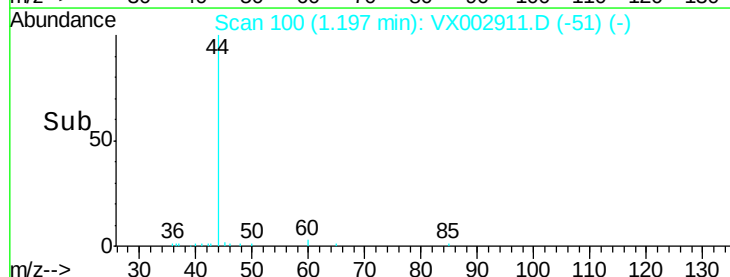
60

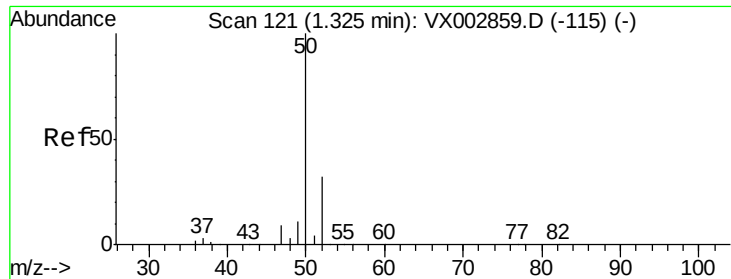
40

20

0

Time--> 1.18 1.20 1.22





#3

Chloromethane

Concen: Below Cal

RT: 1.33 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX002911.D

Acq: 26 Jun 2018 23:17

Instrument :

MSVOA_X

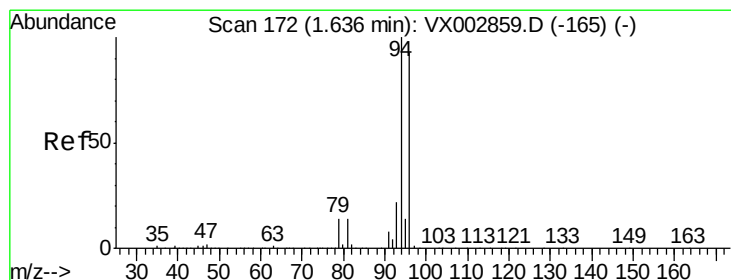
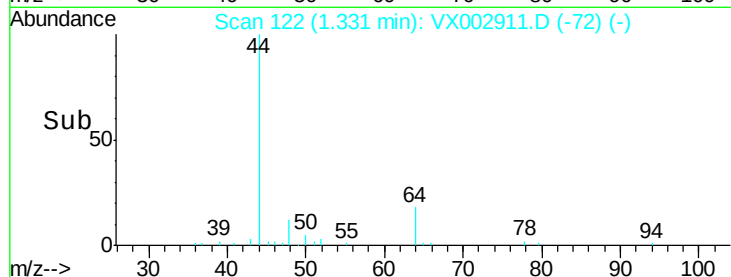
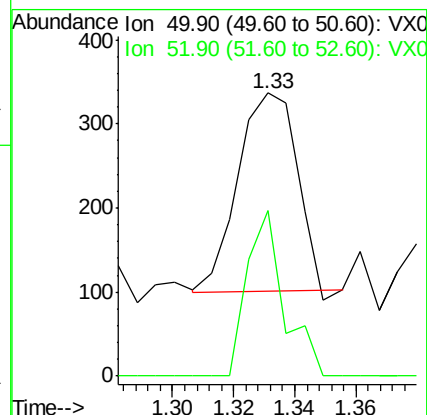
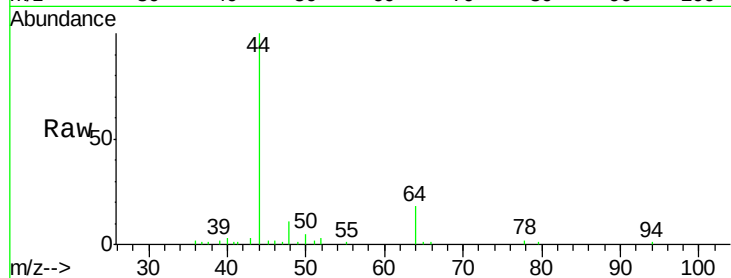
ClientSampleId :

Tot Ion: 50 Resp: 314

Ion Ratio Lower Upper

50 100

52 84.2 25.7 38.5#



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX002911.D

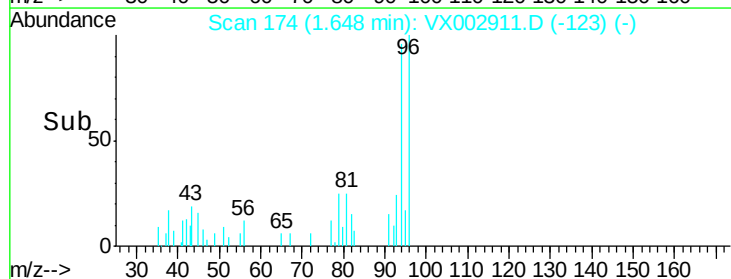
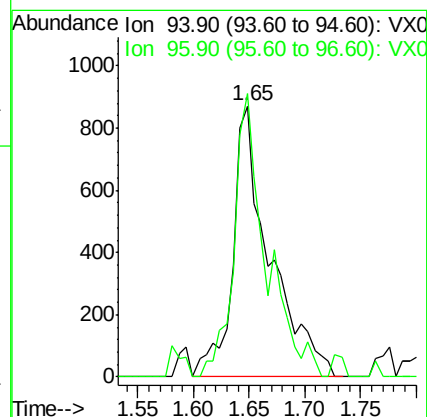
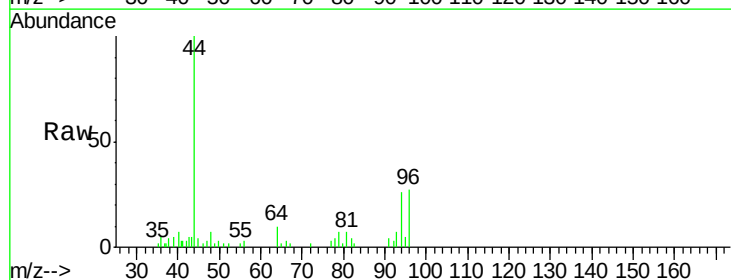
Acq: 26 Jun 2018 23:17

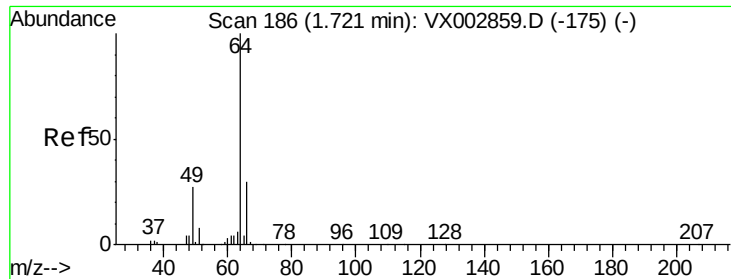
Tgt Ion: 94 Resp: 2020

Ion Ratio Lower Upper

94 100

96 104.6 74.9 112.3





#6

Chloroethane

Concen: Below Cal

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX002911.D

Acq: 26 Jun 2018 23:17

Instrument :

MSVOA_X

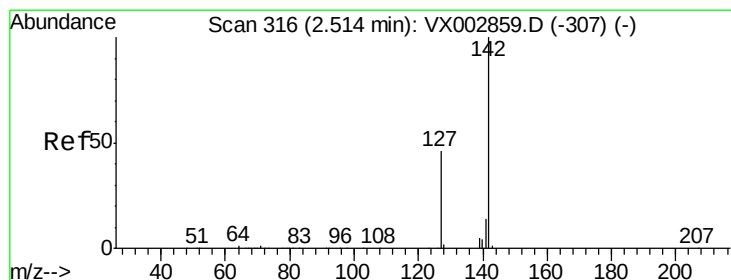
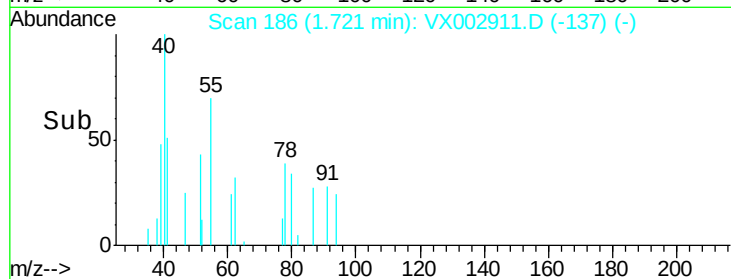
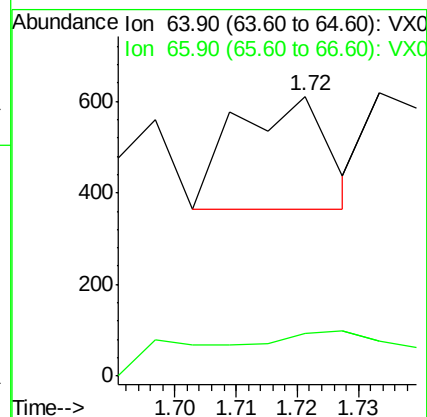
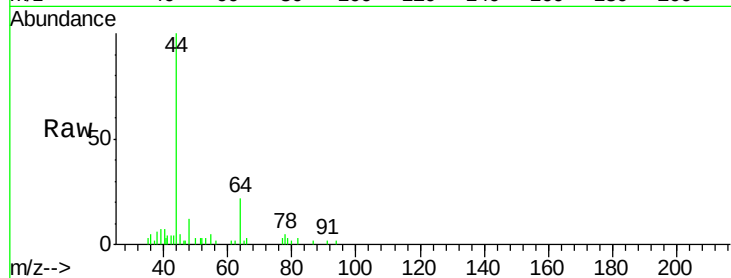
ClientSampleId :

Tot Ion: 64 Resp: 258

Ion Ratio Lower Upper

64 100

66 10.1 25.5 38.3#



#10

Methyl Iodide

Concen: 6.86 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX002911.D

Acq: 26 Jun 2018 23:17

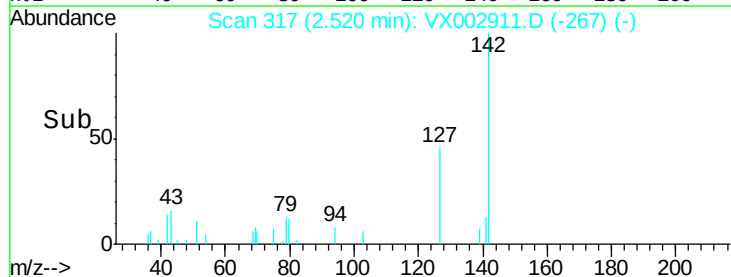
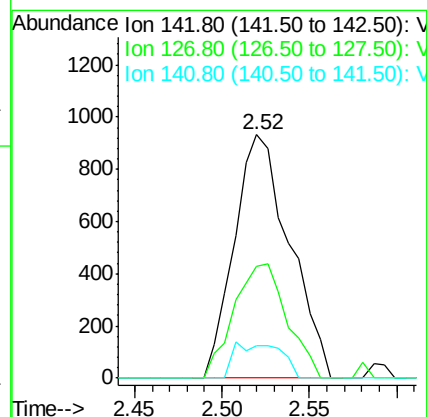
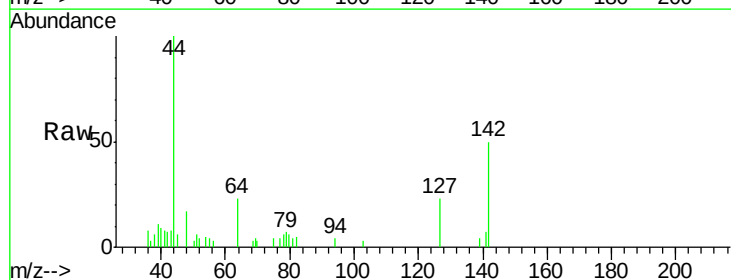
Tgt Ion:142 Resp: 2058

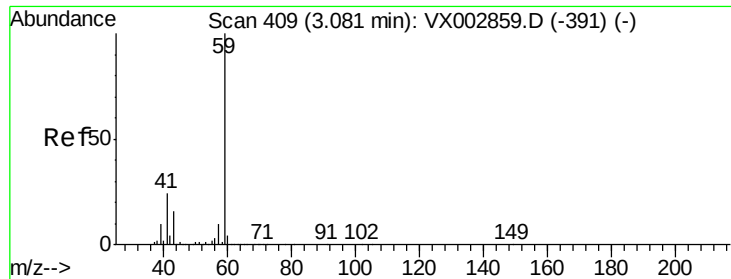
Ion Ratio Lower Upper

142 100

127 45.0 36.6 55.0

141 12.3 11.3 16.9



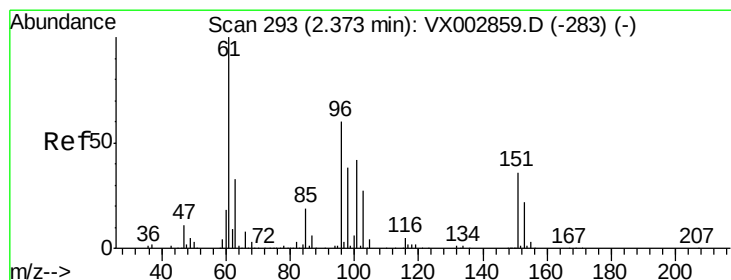
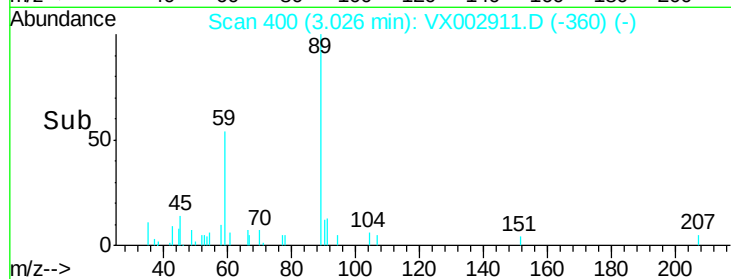
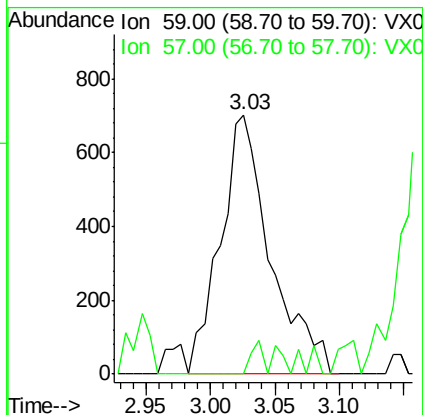
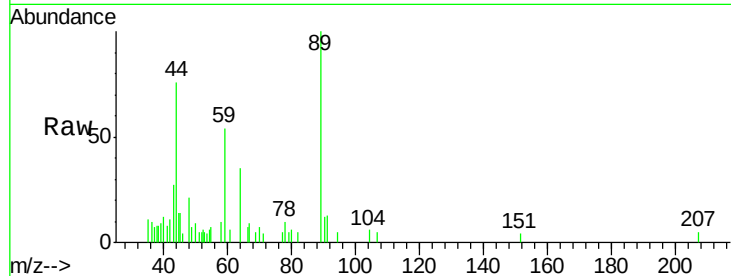


#11

Tert butyl alcohol
 Concen: 2.73 ug/l
 RT: 3.03 min Scan# 400
 Delta R.T. -0.05 min
 Lab File: VX002911.D
 Acq: 26 Jun 2018 23:17

Instrument :
 MSVOA_X
 ClientSampled :

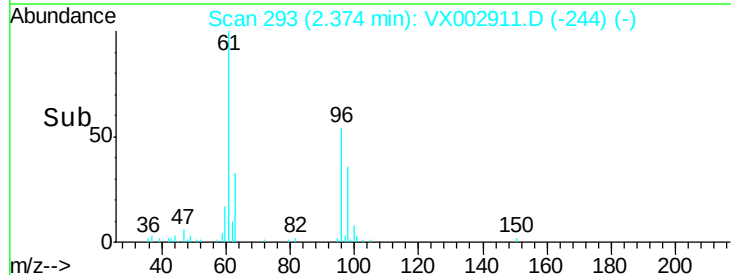
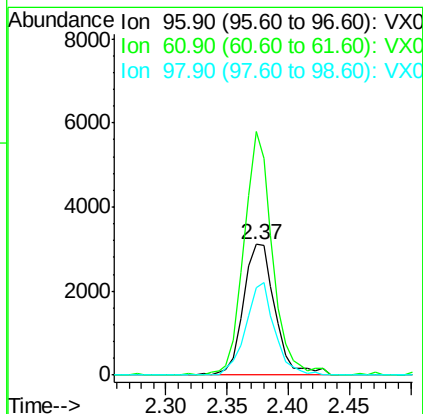
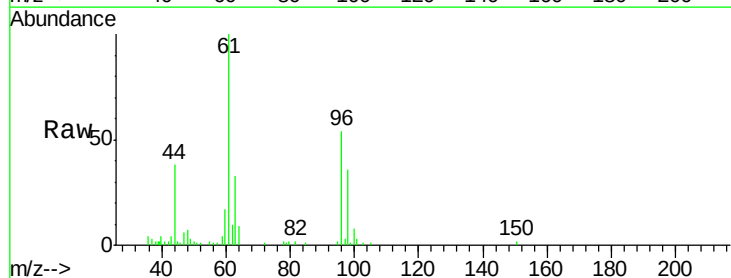
Tot Ion: 59 Resp: 1910
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.2 12.2#

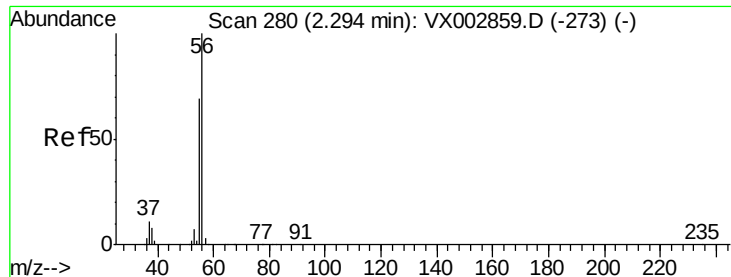


#12

1,1-Dichloroethene
 Concen: 2.24 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VX002911.D
 Acq: 26 Jun 2018 23:17

Tgt Ion: 96 Resp: 5619
 Ion Ratio Lower Upper
 96 100
 61 186.0 137.9 206.9
 98 66.4 51.6 77.4





#13

Acrolein

Concen: 4.66 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX002911.D

Acq: 26 Jun 2018 23:17

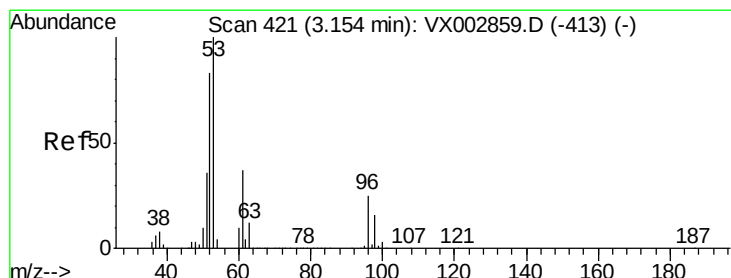
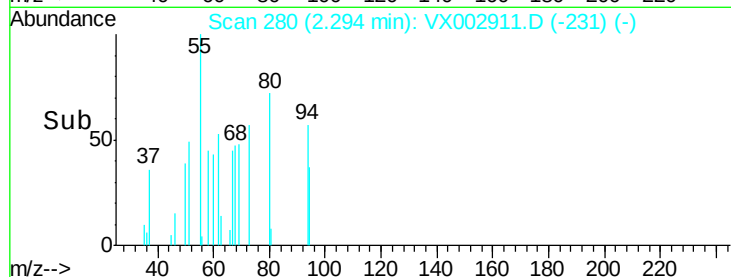
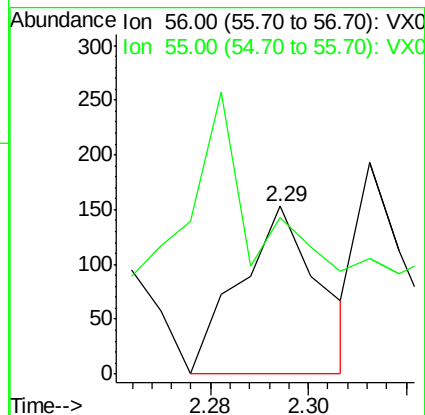
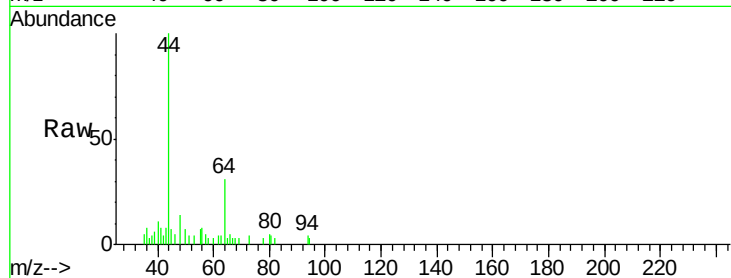
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 172

Ion Ratio Lower Upper

56 100

55 135.5 57.0 85.4#



#15

Acrylonitrile

Concen: 0.28 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.01 min

Lab File: VX002911.D

Acq: 26 Jun 2018 23:17

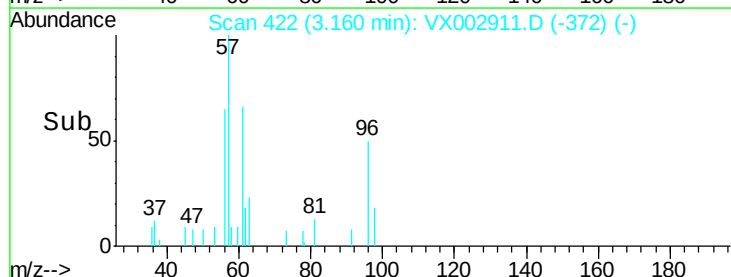
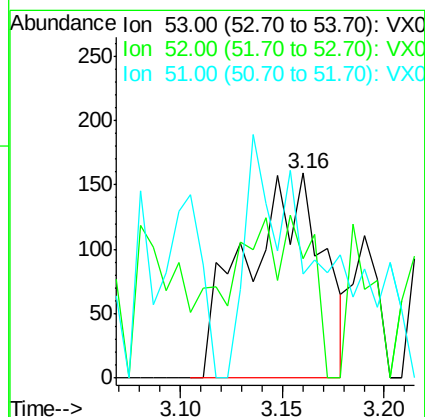
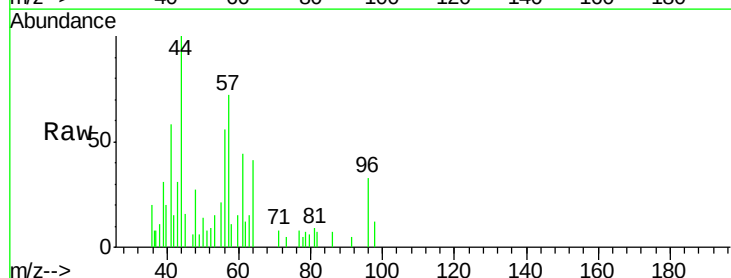
Tgt Ion: 53 Resp: 414

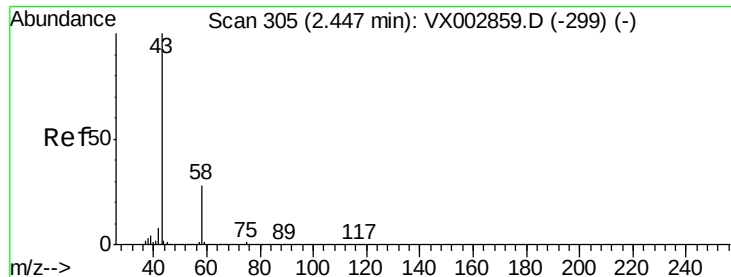
Ion Ratio Lower Upper

53 100

52 0.0 66.7 100.1#

51 0.0 29.9 44.9#





#16

Acetone

Concen: 0.65 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX002911.D

Acq: 26 Jun 2018 23:17

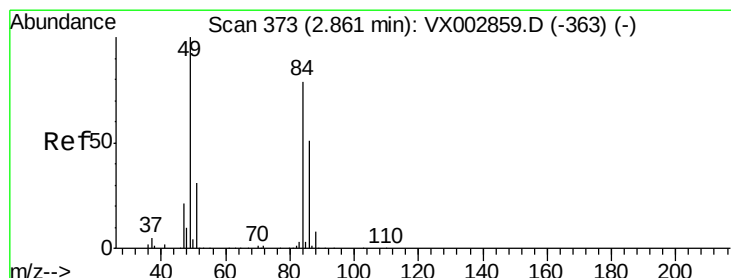
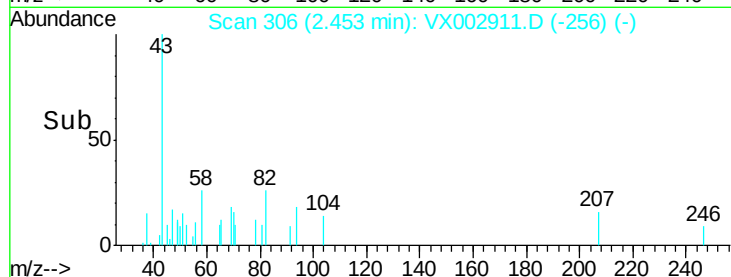
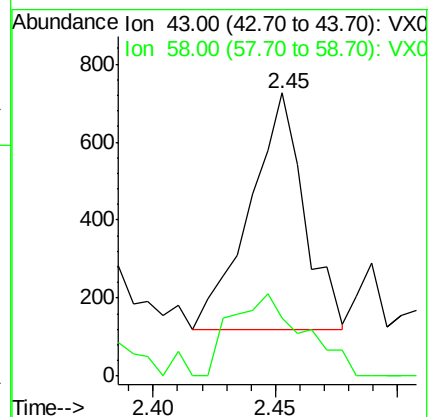
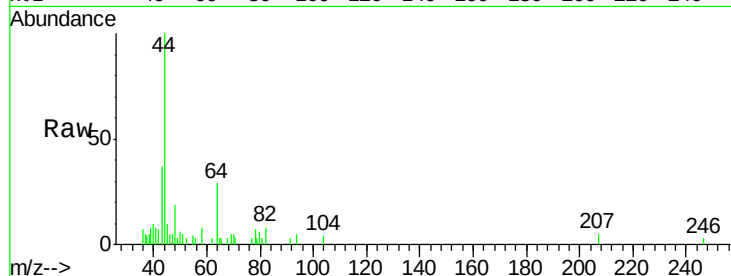
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 943

Ion Ratio Lower Upper

43 100

58 24.7 22.1 33.1



#20

Methylene Chloride

Concen: 0.46 ug/l

RT: 2.86 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX002911.D

Acq: 26 Jun 2018 23:17

Tgt Ion: 84 Resp: 1303

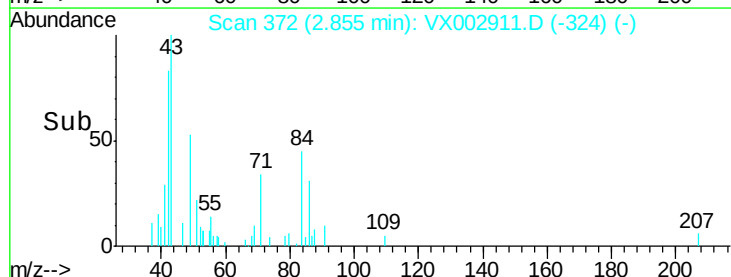
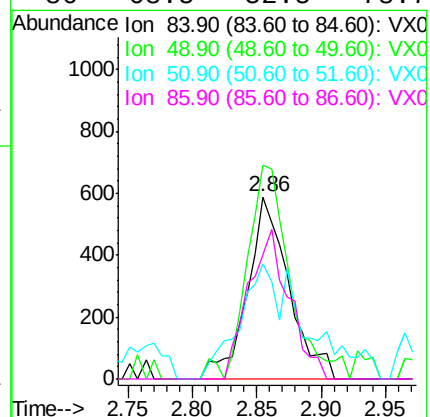
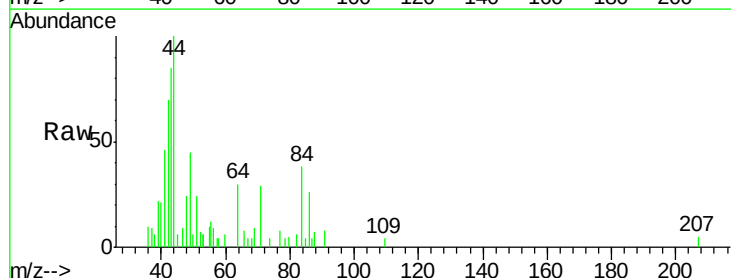
Ion Ratio Lower Upper

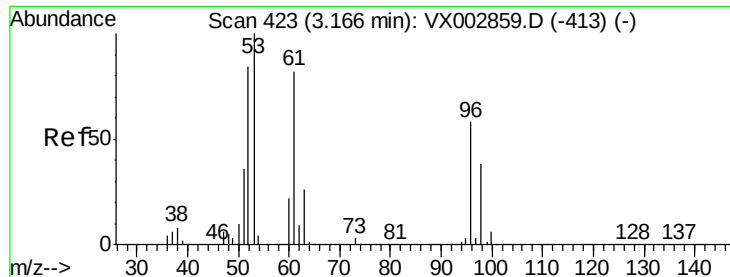
84 100

49 117.5 107.8 161.6

51 63.0 32.8 49.2#

86 68.5 52.5 78.7

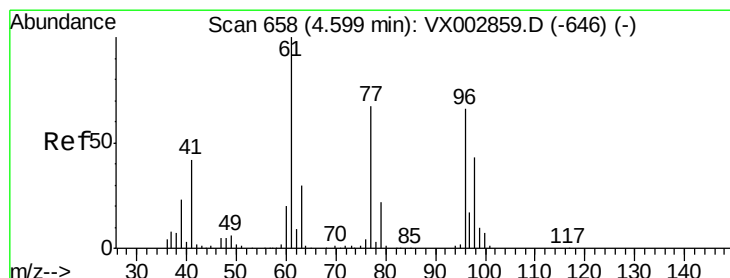
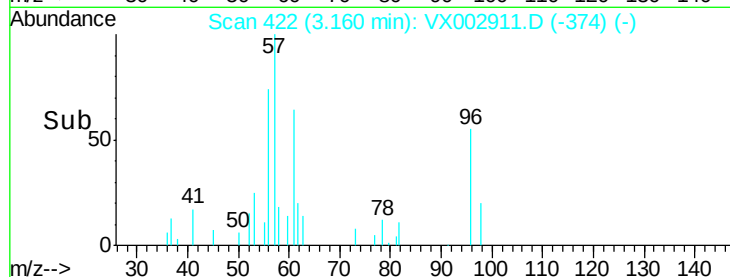
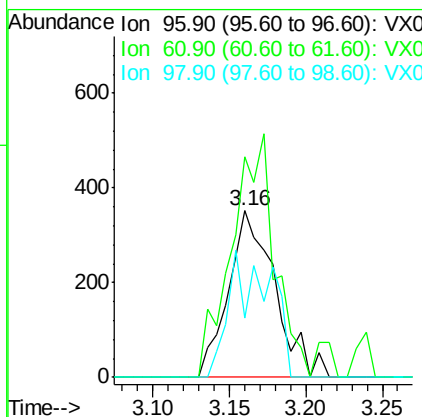
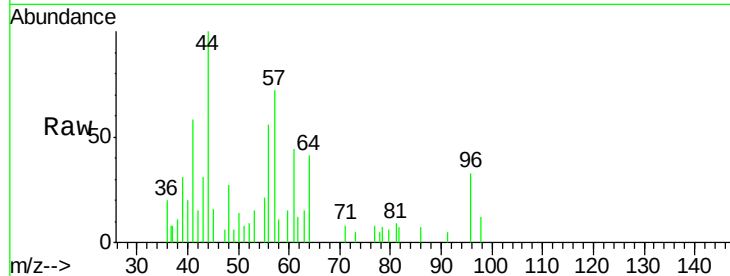




#21
trans-1,2-Dichloroethene
Concen: 0.27 ug/l
RT: 3.16 min Scan# 422
Delta R.T. -0.01 min
Lab File: VX002911.D
Acq: 26 Jun 2018 23:17

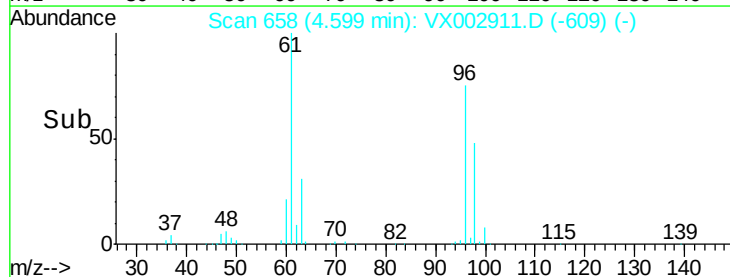
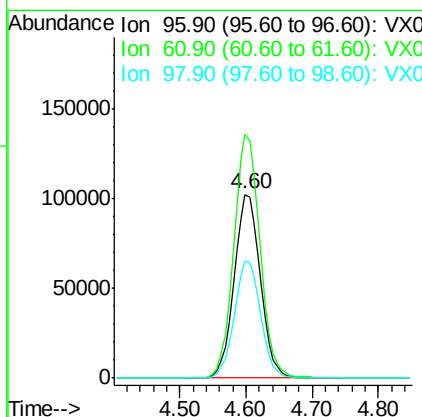
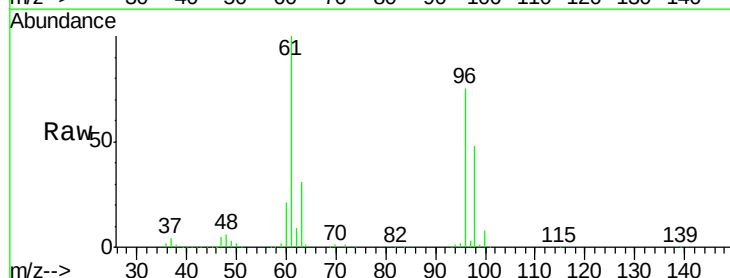
Instrument :
MSVOA_X
ClientSampled :

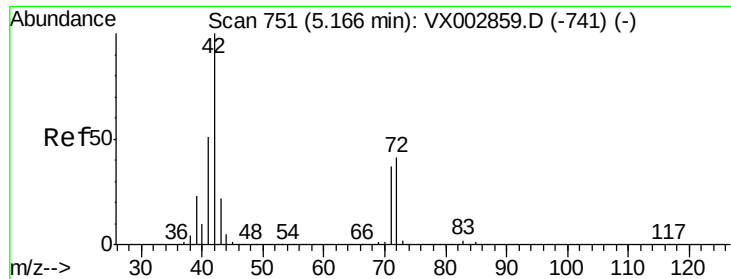
Tot Ion: 96 Resp: 746
Ion Ratio Lower Upper
96 100
61 132.7 117.0 175.4
98 35.8 52.4 78.6#



#27
cis-1,2-Dichloroethene
Concen: 91.02 ug/l
RT: 4.60 min Scan# 658
Delta R.T. 0.00 min
Lab File: VX002911.D
Acq: 26 Jun 2018 23:17

Tgt Ion: 96 Resp: 278831
Ion Ratio Lower Upper
96 100
61 133.7 0.0 330.2
98 64.3 0.0 130.2

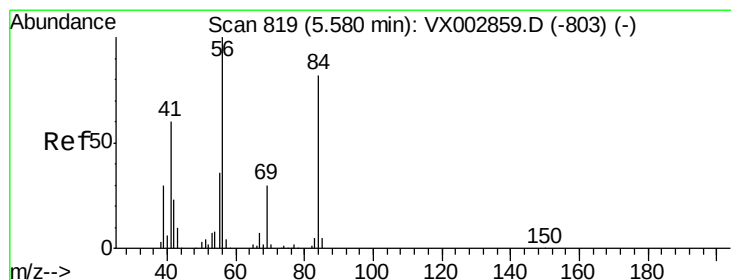
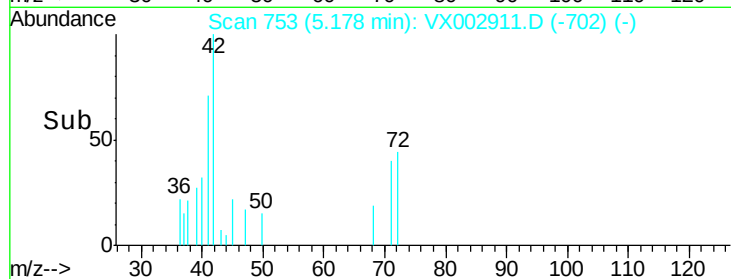
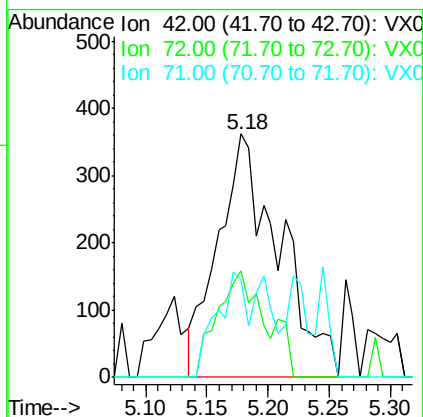
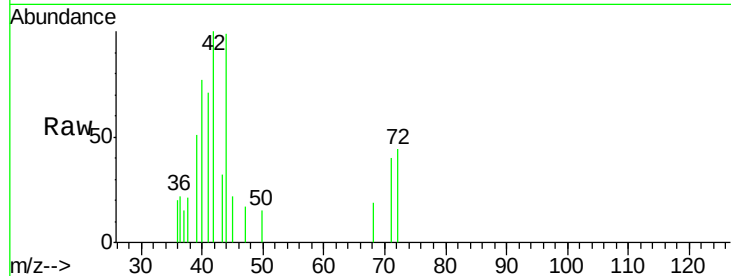




#29
Tetrahydrofuran
Concen: 0.91 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.01 min
Lab File: VX002911.D
Acq: 26 Jun 2018 23:17

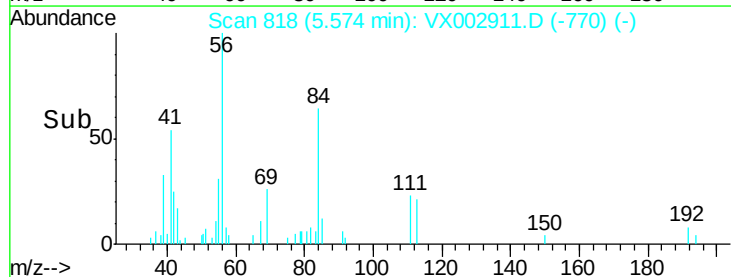
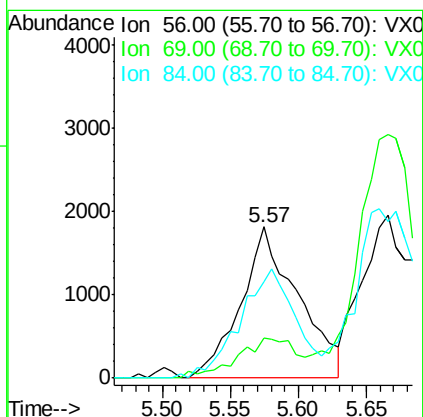
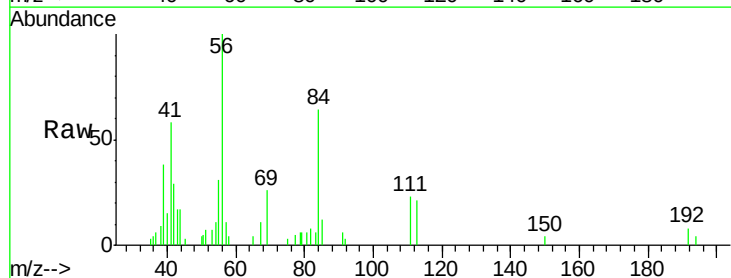
Instrument :
MSVOA_X
ClientSampled :

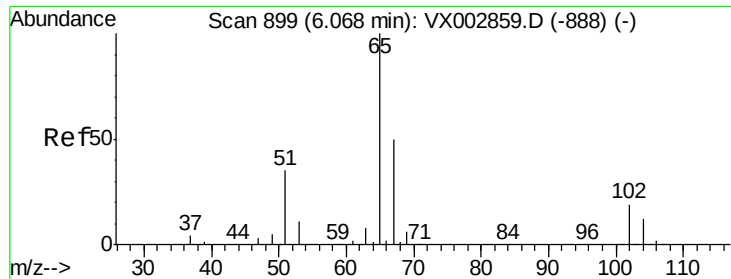
Tot Ion	Ratio	Lower	Upper
42	100		
72	34.6	32.0	48.0
71	21.0	30.1	45.1#



#31
Cyclohexane
Concen: 1.21 ug/l
RT: 5.57 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX002911.D
Acq: 26 Jun 2018 23:17

Tgt Ion	Ratio	Lower	Upper
56	100		
69	22.2	23.7	35.5#
84	63.9	64.1	96.1#

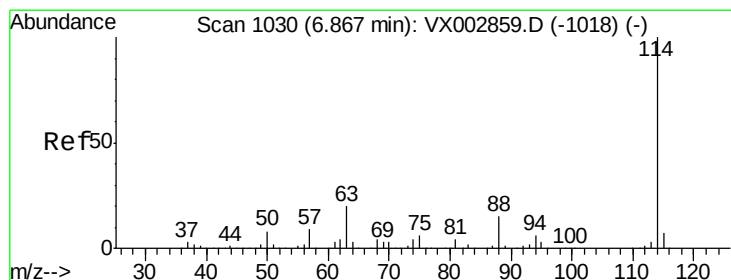
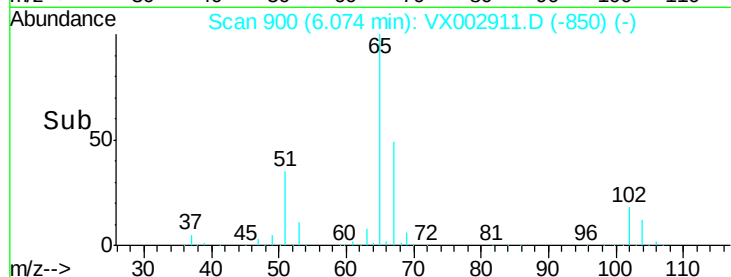
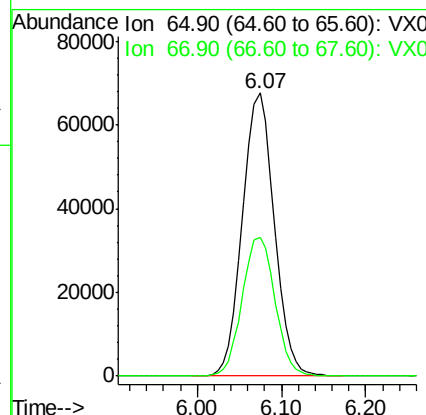
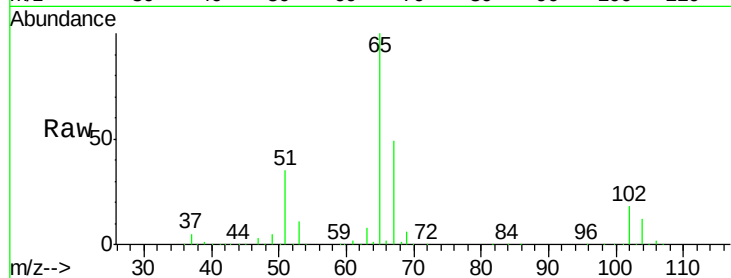




#33
 1,2-Dichloroethane-d4
 Concen: 49.25 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX002911.D
 Acq: 26 Jun 2018 23:17

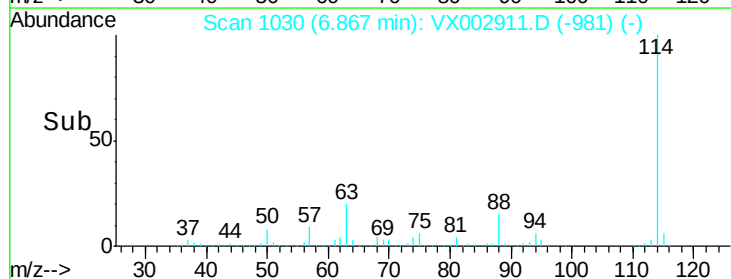
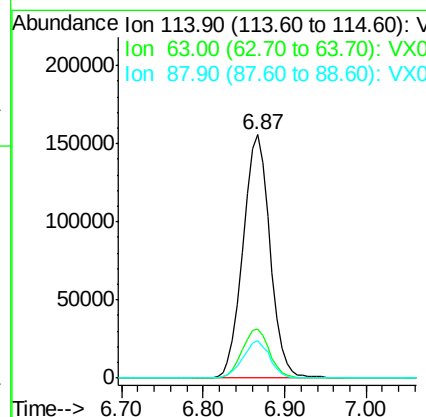
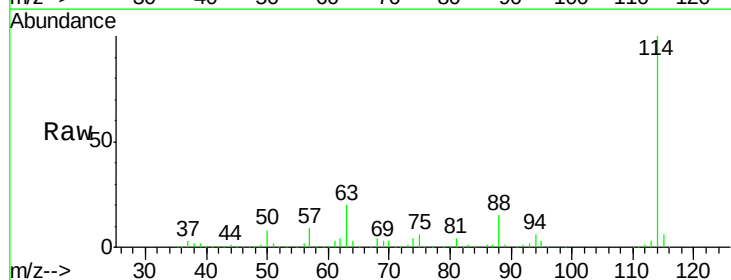
Instrument :
 MSVOA_X
 ClientSampleId :

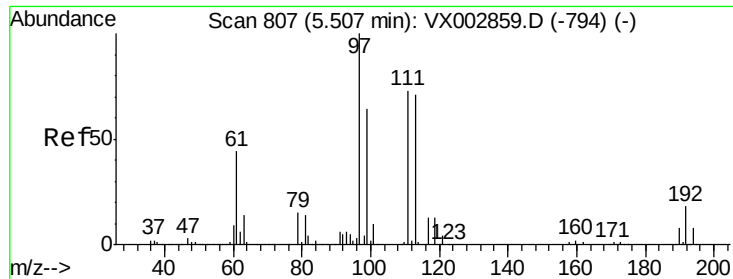
Tot Ion: 65 Resp: 173127
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX002911.D
 Acq: 26 Jun 2018 23:17

Tgt Ion: 114 Resp: 357086
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 41.4
 88 15.2 0.0 30.0





#35

Dibromofluoromethane

Concen: 48.60 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX002911.D

Acq: 26 Jun 2018 23:17

Instrument :

MSVOA_X

ClientSampleId :

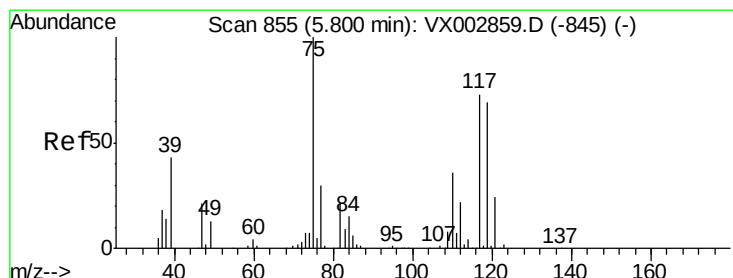
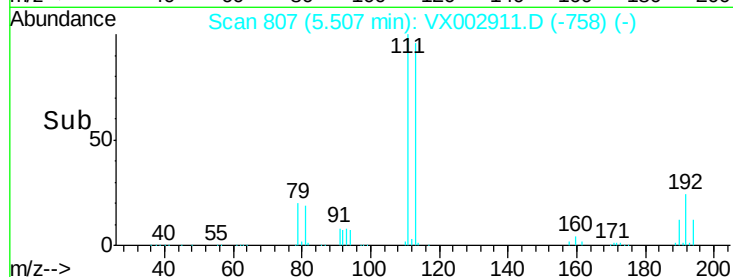
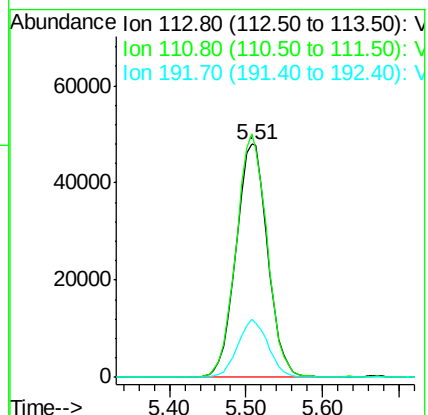
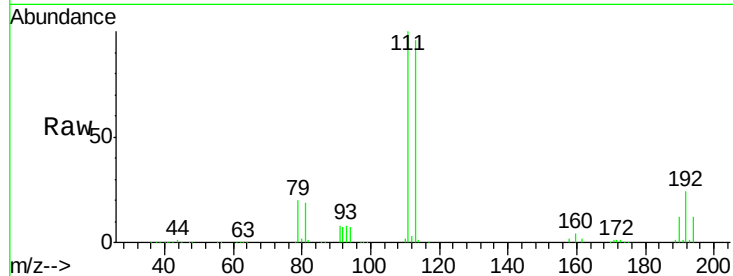
Tot Ion:113 Resp: 137426

Ion Ratio Lower Upper

113 100

111 102.1 81.4 122.0

192 23.8 19.1 28.7



#36

1,1-Dichloropropene

Concen: 4.57 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.13 min

Lab File: VX002911.D

Acq: 26 Jun 2018 23:17

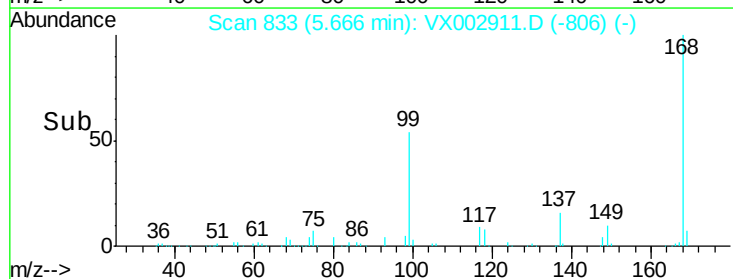
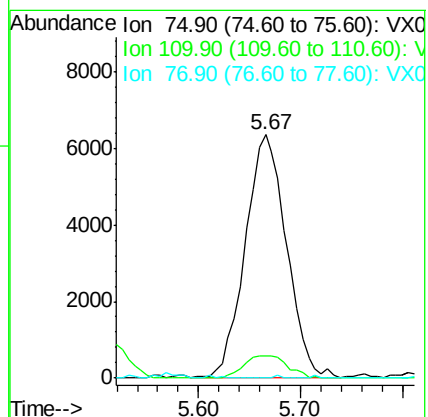
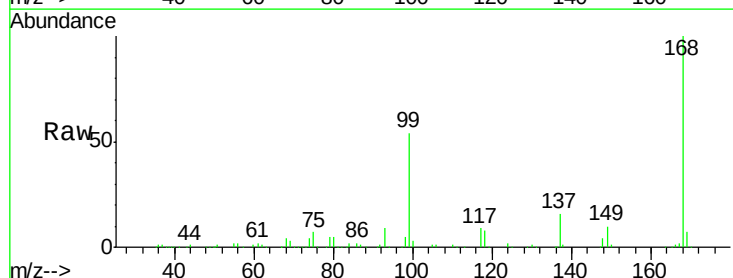
Tgt Ion: 75 Resp: 17884

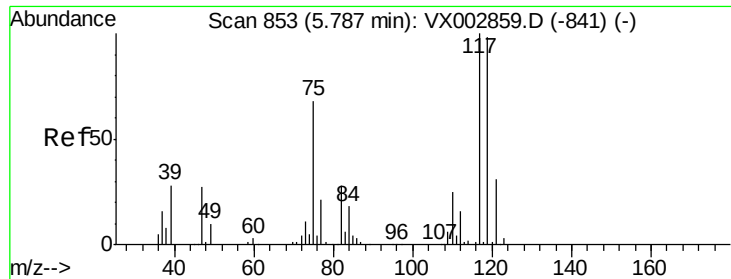
Ion Ratio Lower Upper

75 100

110 9.7 18.1 54.4#

77 0.1 24.3 36.5#

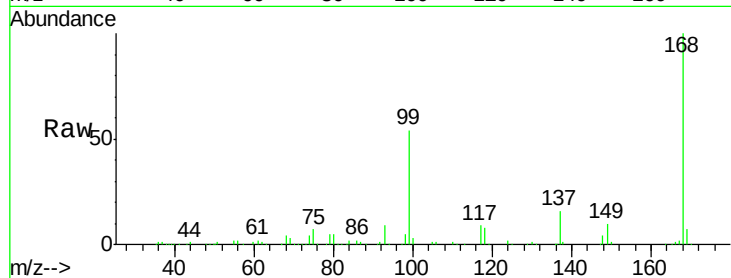




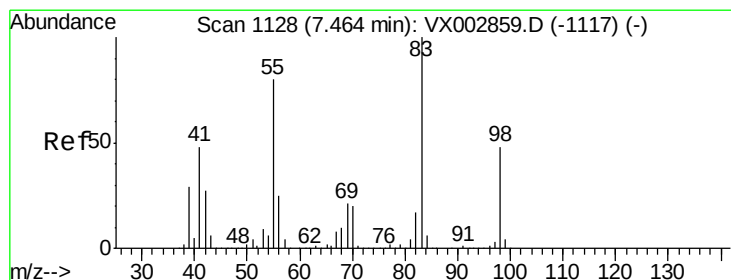
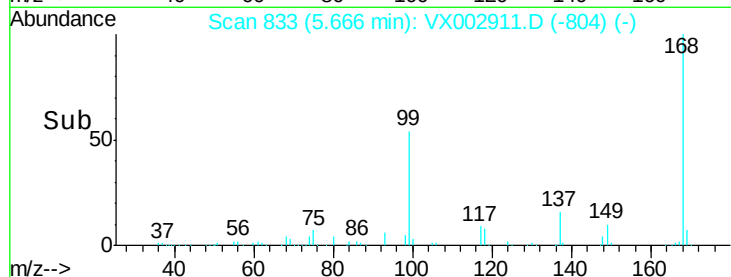
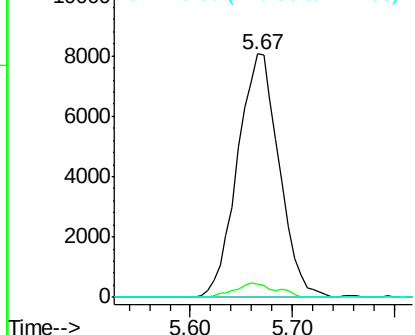
#38
Carbon Tetrachloride
Concen: 5.32 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX002911.D
Acq: 26 Jun 2018 23:17

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:117 Resp: 22863
Ion Ratio Lower Upper
117 100
119 5.2 77.4 116.0#
121 0.0 24.4 36.6#

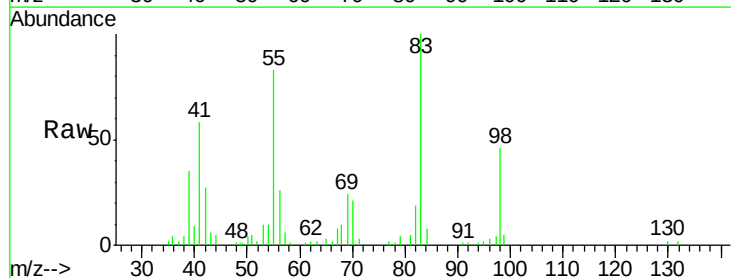


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

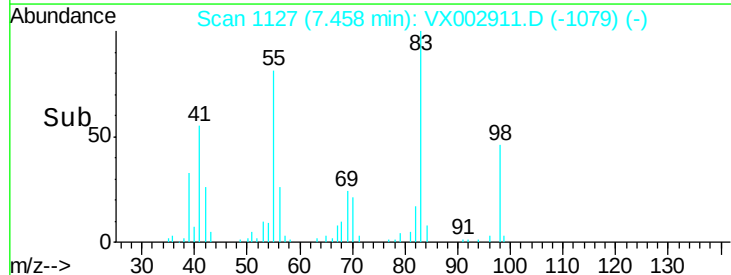
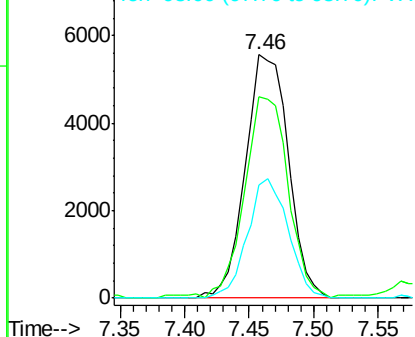


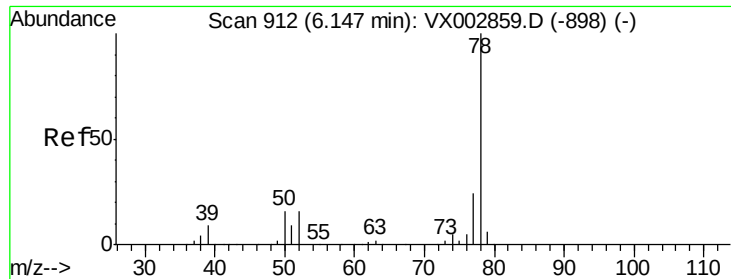
#39
Methylcyclohexane
Concen: 2.82 ug/l
RT: 7.46 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX002911.D
Acq: 26 Jun 2018 23:17

Tgt Ion: 83 Resp: 12871
Ion Ratio Lower Upper
83 100
55 81.5 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

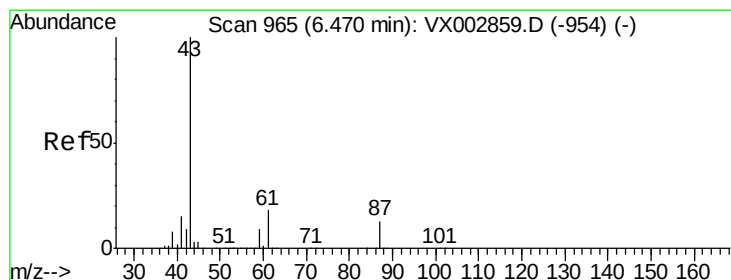
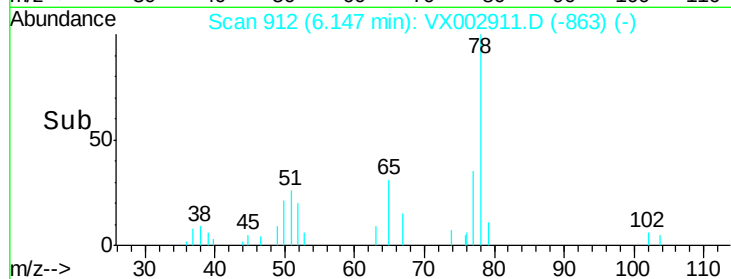
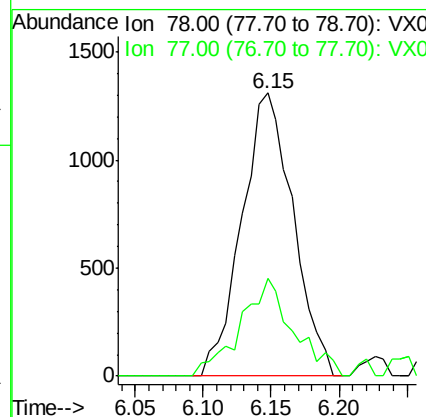
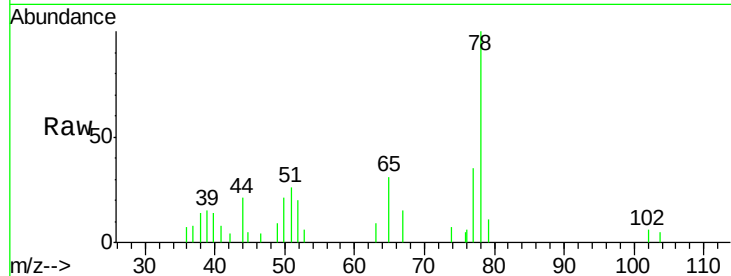




#40
Benzene
Concen: 0.30 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX002911.D
Acq: 26 Jun 2018 23:17

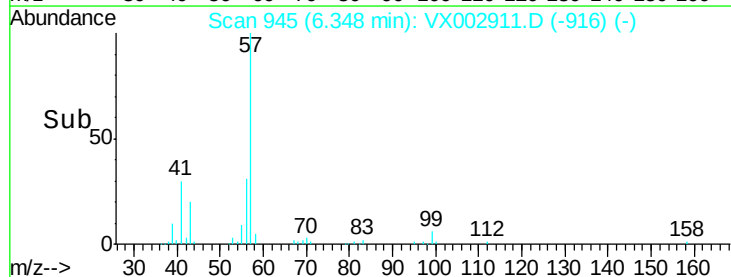
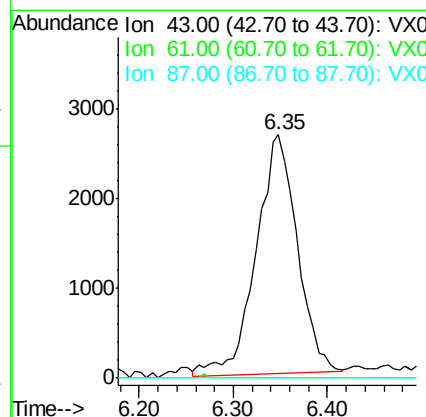
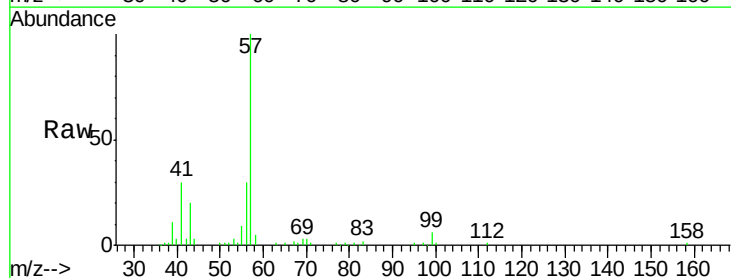
Instrument :
MSVOA_X
ClientSampled :

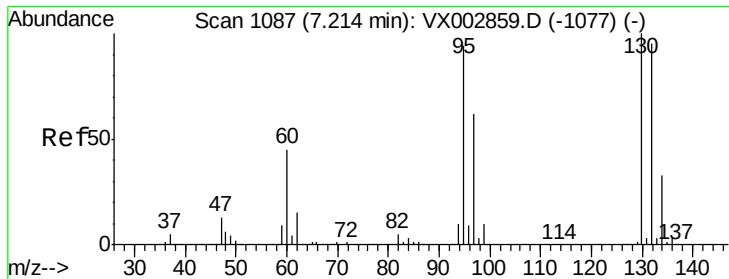
Tot Ion: 78 Resp: 3460
Ion Ratio Lower Upper
78 100
77 34.7 19.1 28.7#



#43
Isopropyl Acetate
Concen: 1.15 ug/l
RT: 6.35 min Scan# 945
Delta R.T. -0.12 min
Lab File: VX002911.D
Acq: 26 Jun 2018 23:17

Tgt Ion: 43 Resp: 8143
Ion Ratio Lower Upper
43 100
61 0.0 14.4 21.6#
87 0.0 9.5 14.3#

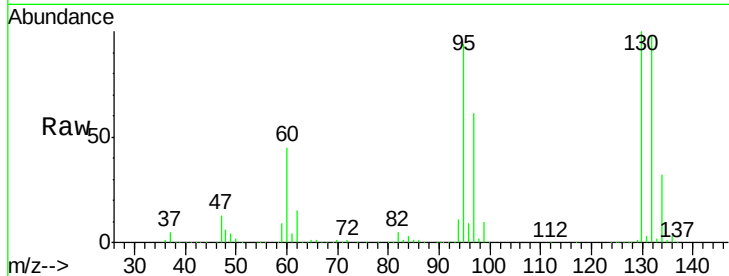




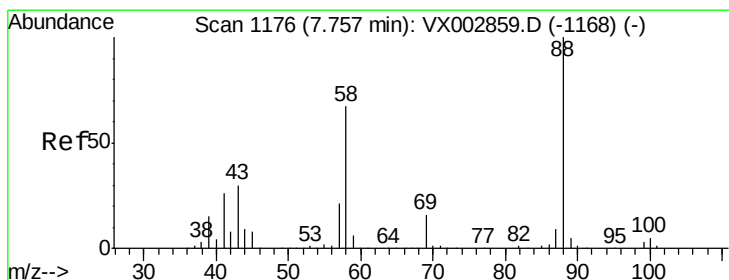
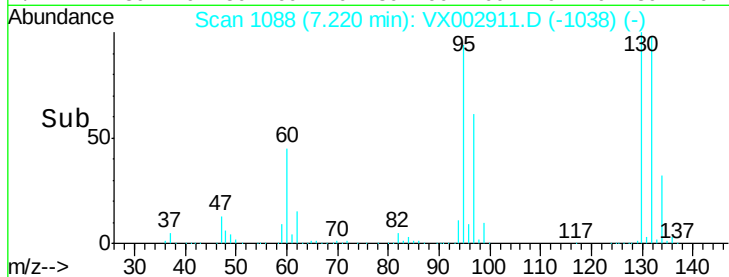
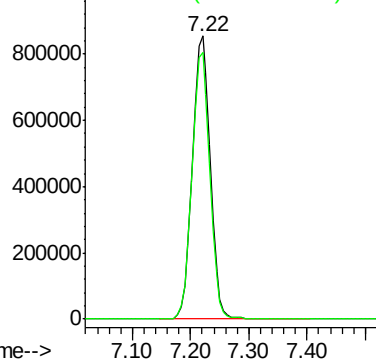
#44
 Trichloroethene
 Concen: 535.36 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.01 min
 Lab File: VX002911.D
 Acq: 26 Jun 2018 23:17

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:130 Resp: 1816072
 Ion Ratio Lower Upper
 130 100
 95 94.1 0.0 185.4

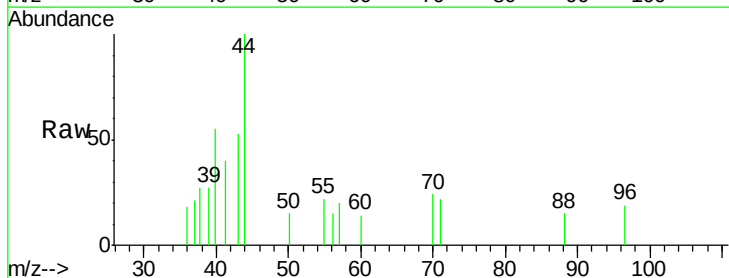


Abundance Ion 129.80 (129.50 to 130.50): V
 1000000 Ion 94.90 (94.60 to 95.60): VX0

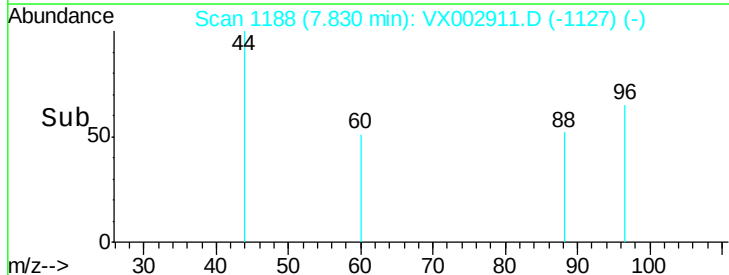
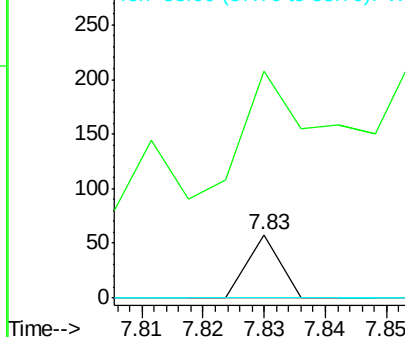


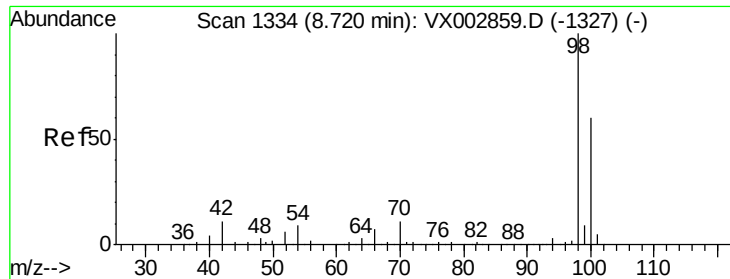
#49
 1,4-Dioxane
 Concen: 0.30 ug/l
 RT: 7.83 min Scan# 1188
 Delta R.T. 0.07 min
 Lab File: VX002911.D
 Acq: 26 Jun 2018 23:17

Tgt Ion: 88 Resp: 21
 Ion Ratio Lower Upper
 88 100
 43 2195.2 29.8 44.6#
 58 0.0 57.1 85.7#



Abundance Ion 88.00 (87.70 to 88.70): VX0
 300 Ion 43.00 (42.70 to 43.70): VX0
 250 Ion 58.00 (57.70 to 58.70): VX0

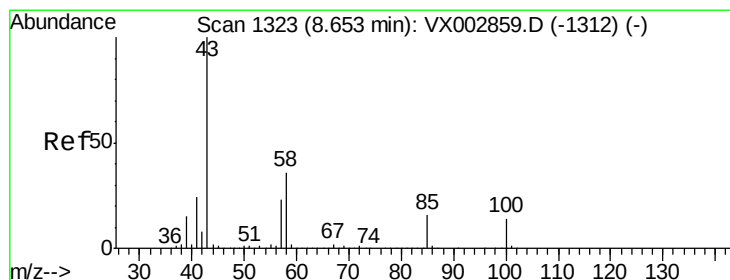
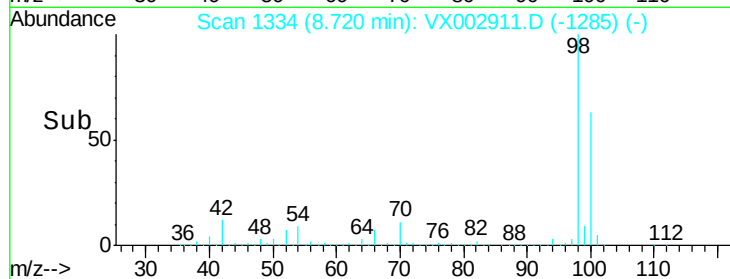
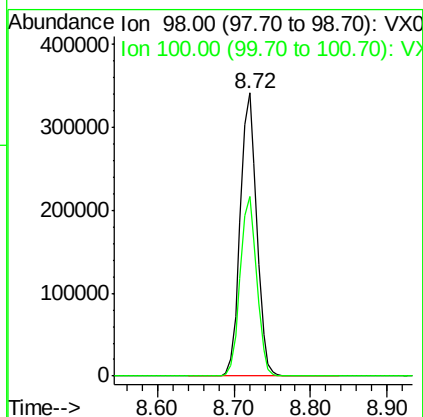
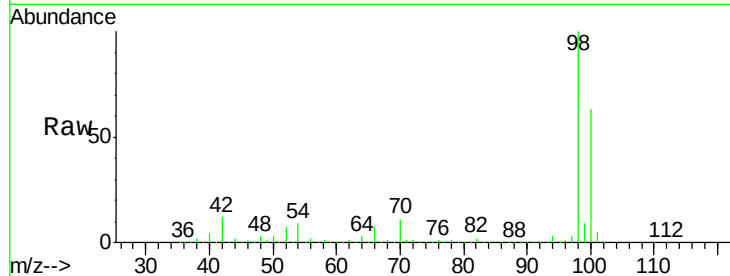




#50
Toluene-d8
Concen: 49.53 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002911.D
Acq: 26 Jun 2018 23:17

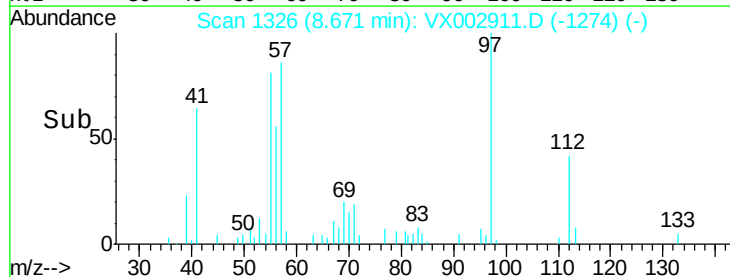
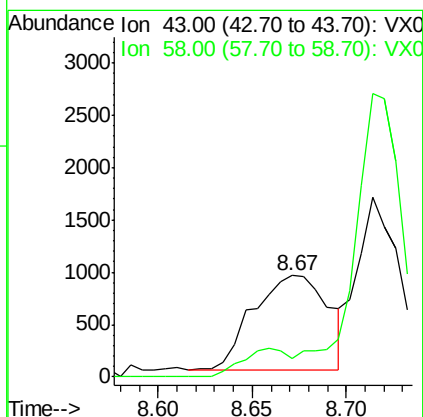
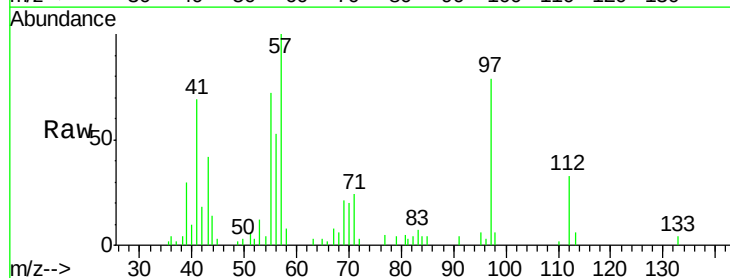
Instrument :
MSVOA_X
ClientSampleId :

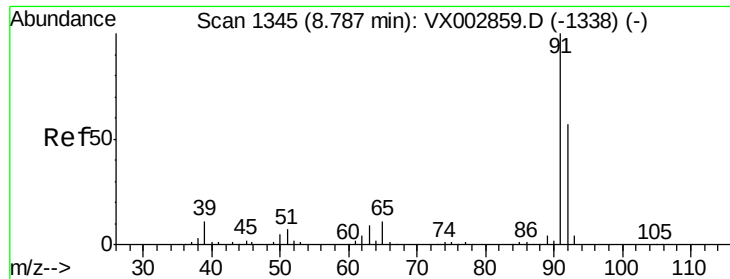
Tot Ion: 98 Resp: 511508
Ion Ratio Lower Upper
98 100
100 63.7 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 0.57 ug/l
RT: 8.67 min Scan# 1326
Delta R.T. 0.02 min
Lab File: VX002911.D
Acq: 26 Jun 2018 23:17

Tgt Ion: 43 Resp: 2501
Ion Ratio Lower Upper
43 100
58 19.2 28.6 42.8#





#52

Toluene

Concen: 10.84 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX002911.D

Acq: 26 Jun 2018 23:17

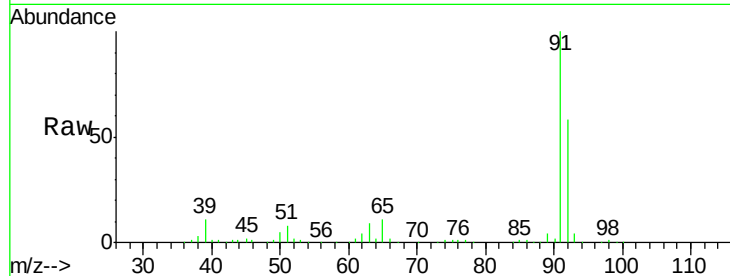
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 92 Resp: 79014

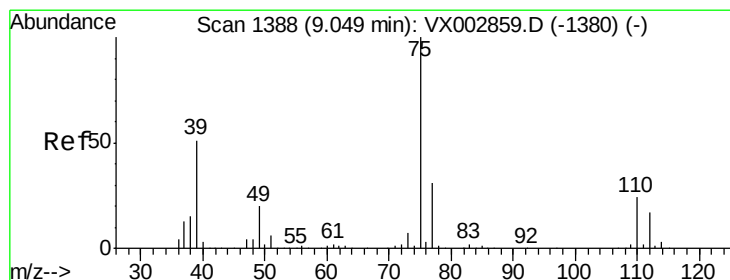
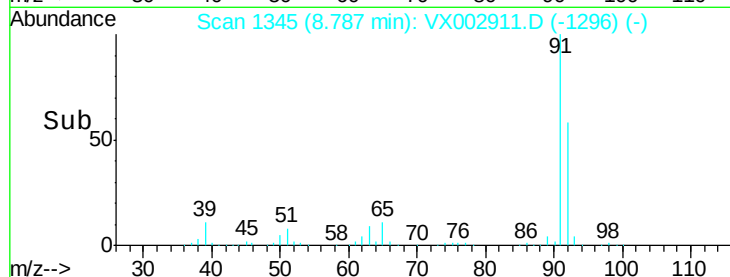
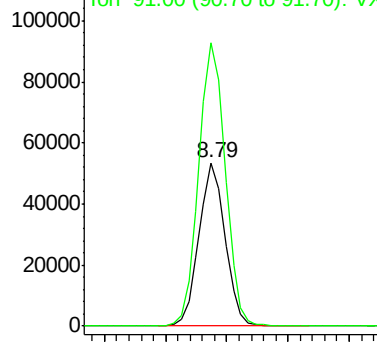
Ion Ratio Lower Upper

92 100

91 176.8 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0
Ion 91.00 (90.70 to 91.70): VX0



#54

cis-1,3-Dichloropropene

Concen: 0.25 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.26 min

Lab File: VX002911.D

Acq: 26 Jun 2018 23:17

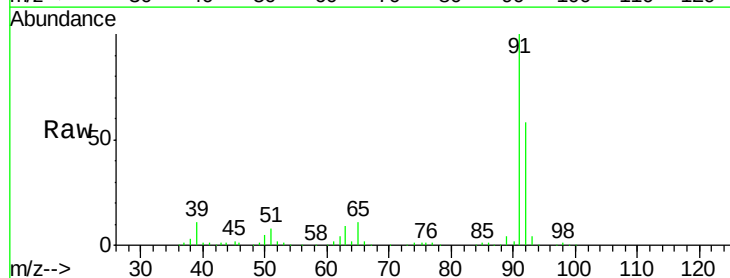
Tgt Ion: 75 Resp: 1035

Ion Ratio Lower Upper

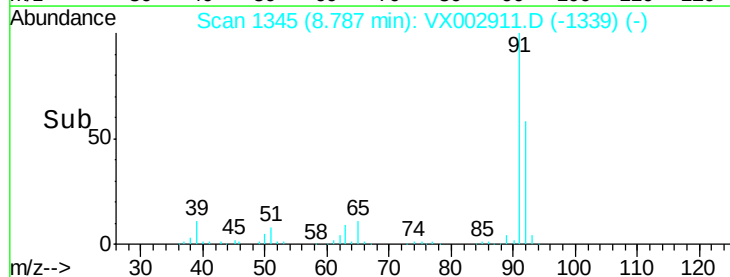
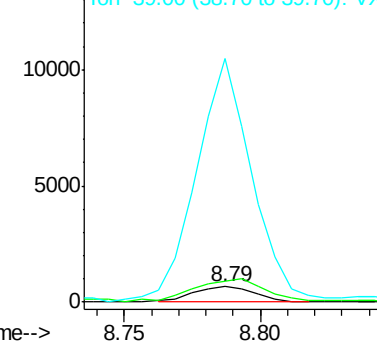
75 100

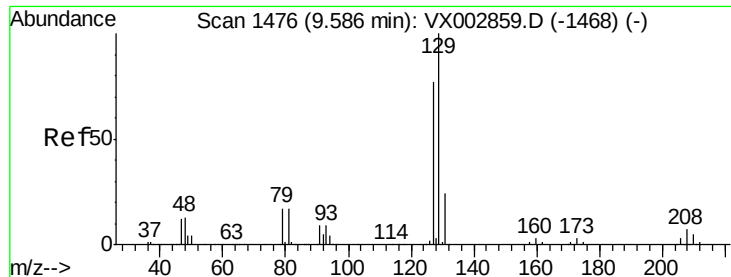
77 119.6 24.8 37.2#

39 1534.8 42.4 63.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 76.90 (76.60 to 77.60): VX0
Ion 39.00 (38.70 to 39.70): VX0





#60

Dibromochloromethane

Concen: 0.45 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.24 min

Lab File: VX002911.D

Acq: 26 Jun 2018 23:17

Instrument :

MSVOA_X

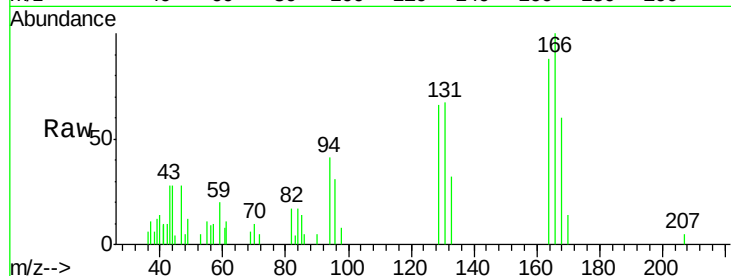
ClientSampled :

Tot Ion:129 Resp: 1411

Ion Ratio Lower Upper

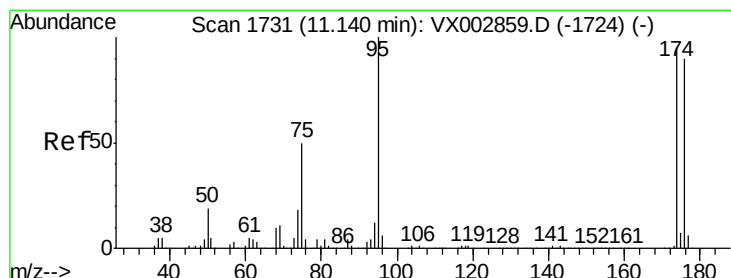
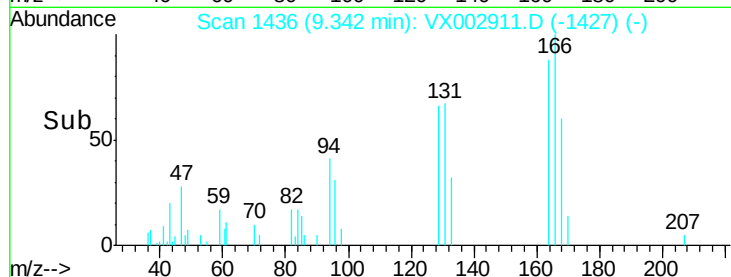
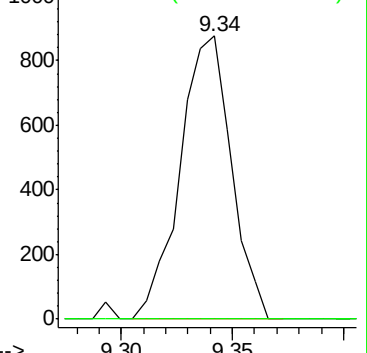
129 100

127 0.0 38.5 115.3#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#62

4-Bromofluorobenzene

Concen: 47.49 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002911.D

Acq: 26 Jun 2018 23:17

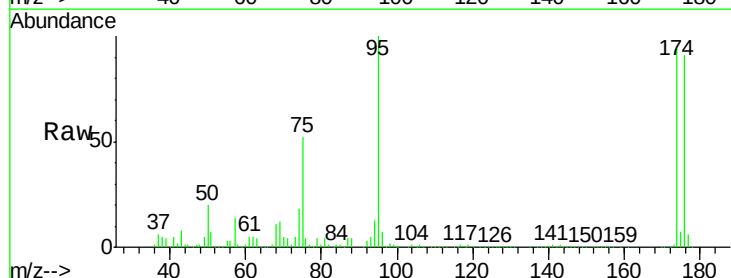
Tgt Ion: 95 Resp: 189144

Ion Ratio Lower Upper

95 100

174 95.4 0.0 187.4

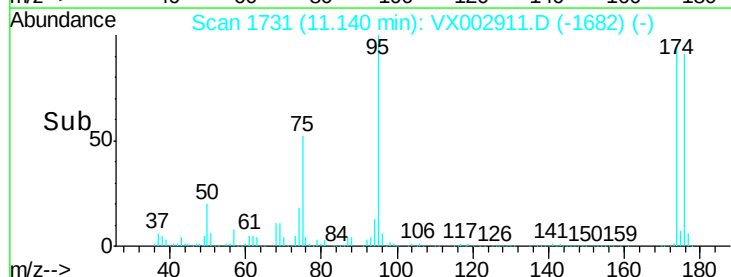
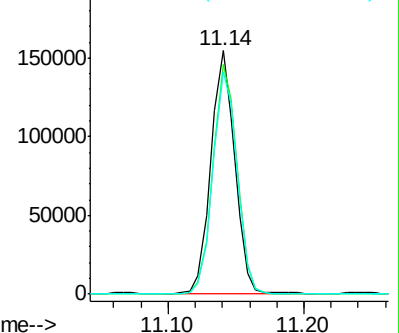
176 92.7 0.0 181.0

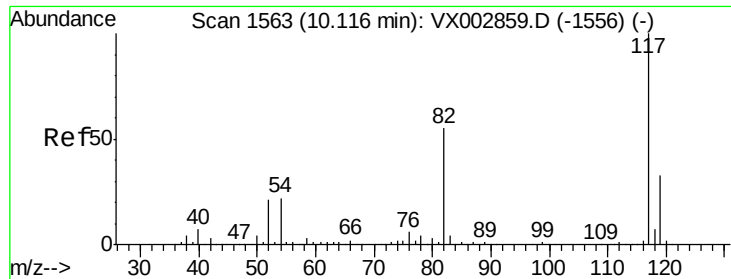


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

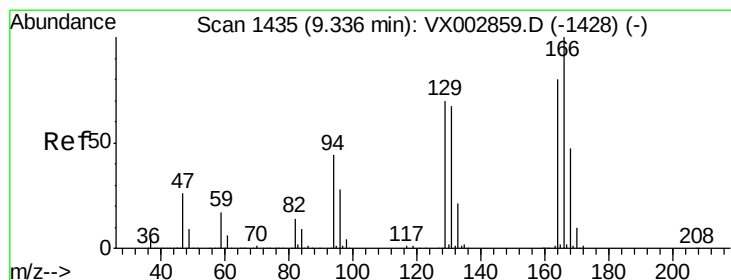
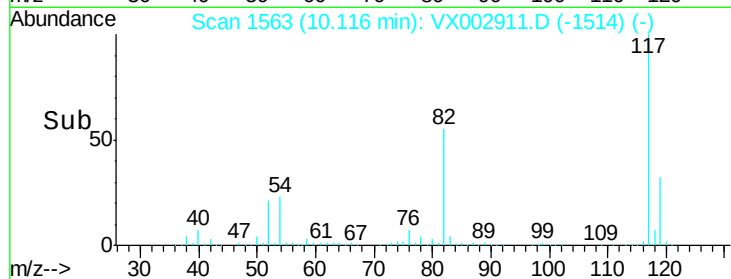
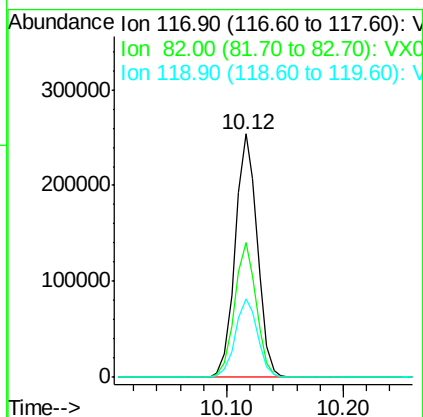
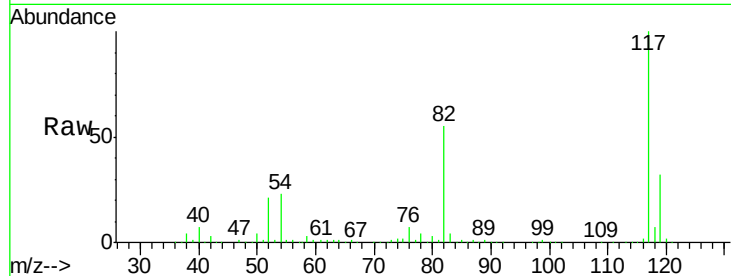




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002911.D
Acq: 26 Jun 2018 23:17

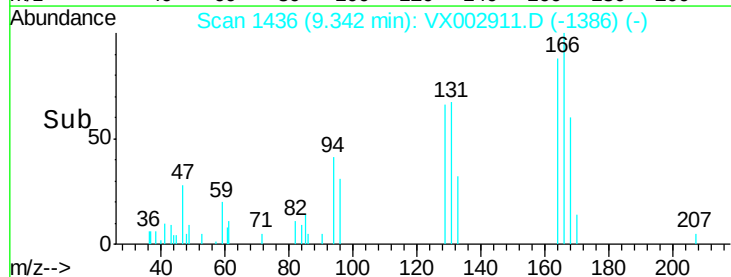
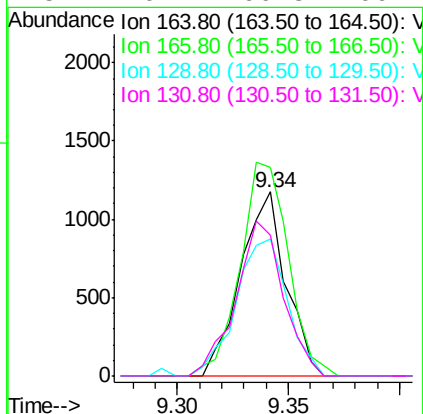
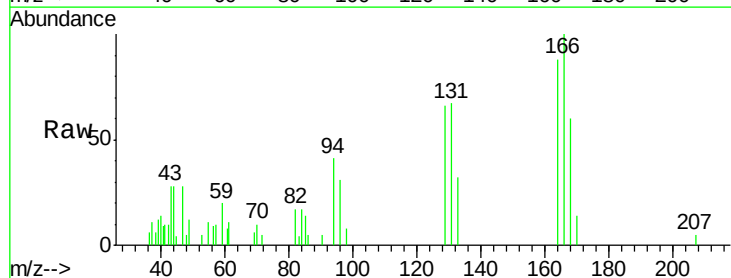
Instrument :
MSVOA_X
ClientSampleId :

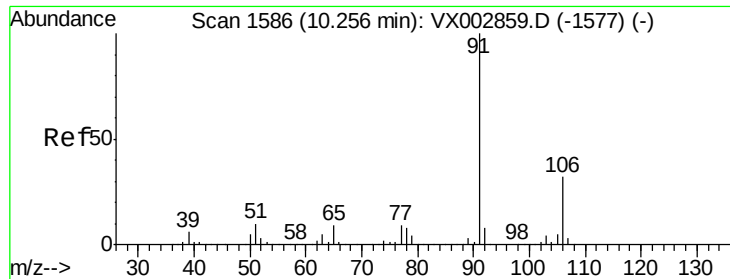
Tot Ion:117 Resp: 335816
Ion Ratio Lower Upper
117 100
82 55.2 45.0 67.4
119 32.4 25.8 38.6



#64
Tetrachloroethene
Concen: 0.45 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.01 min
Lab File: VX002911.D
Acq: 26 Jun 2018 23:17

Tgt Ion:164 Resp: 1667
Ion Ratio Lower Upper
164 100
166 113.0 102.9 154.3
129 74.5 68.6 102.8
131 76.2 66.8 100.2





#67

Ethyl Benzene

Concen: 0.70 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX002911.D

Acq: 26 Jun 2018 23:17

Instrument :

MSVOA_X

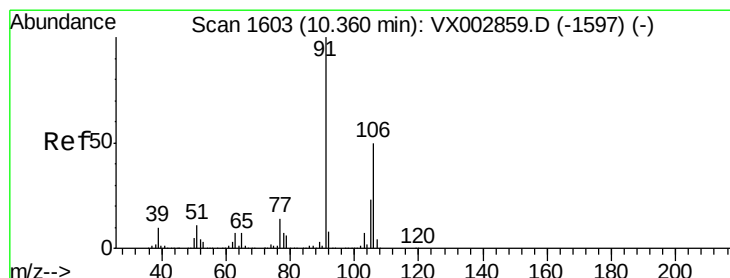
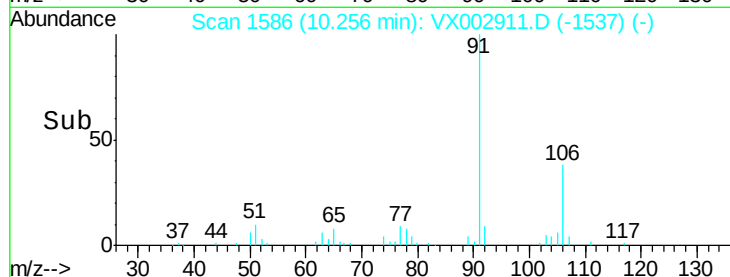
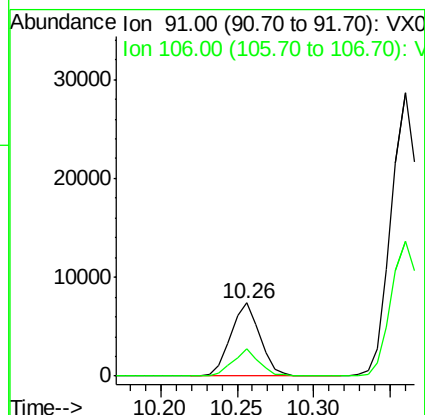
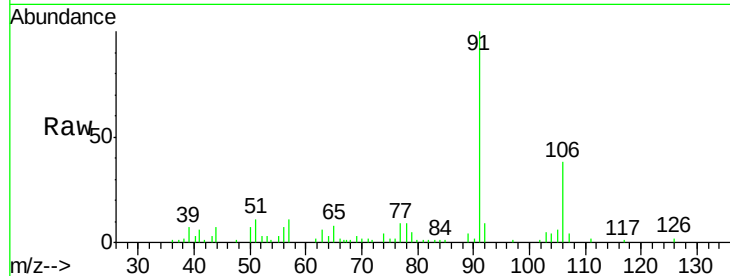
ClientSampled :

Tot Ion: 91 Resp: 9886

Ion Ratio Lower Upper

91 100

106 37.6 25.5 38.3



#68

m/p-Xylenes

Concen: 3.34 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. 0.00 min

Lab File: VX002911.D

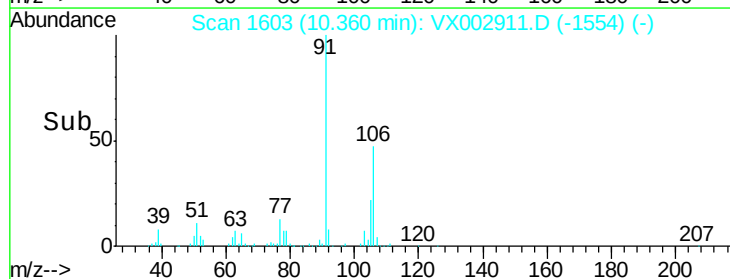
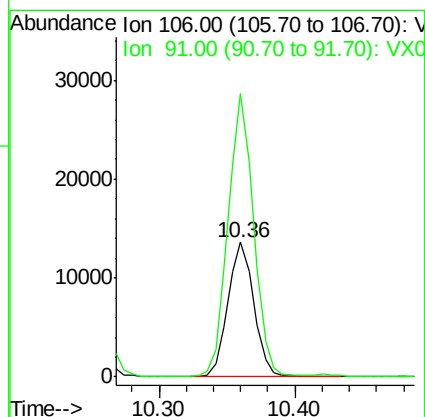
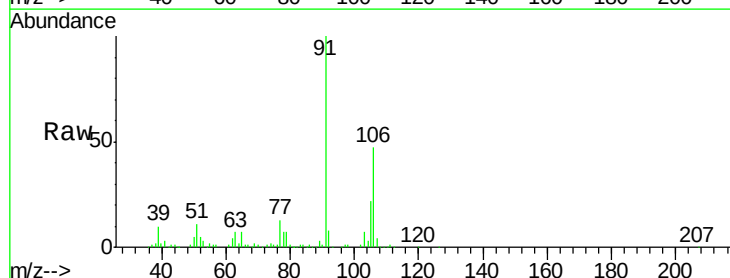
Acq: 26 Jun 2018 23:17

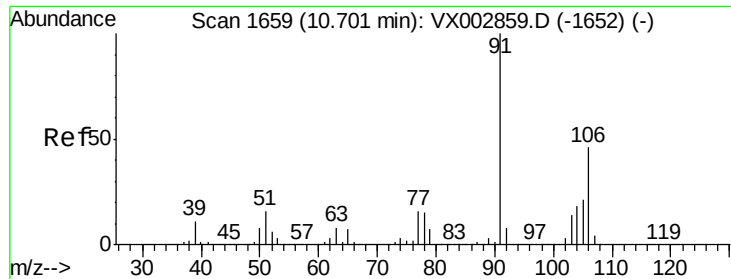
Tgt Ion: 106 Resp: 18113

Ion Ratio Lower Upper

106 100

91 206.5 163.4 245.2

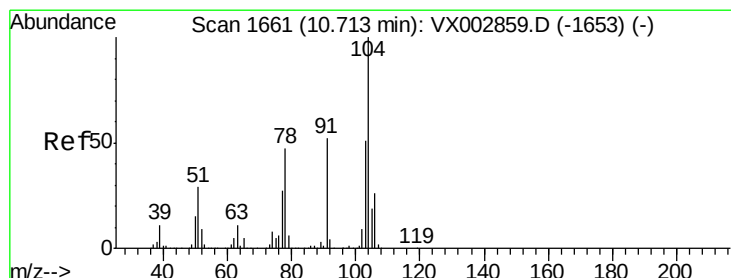
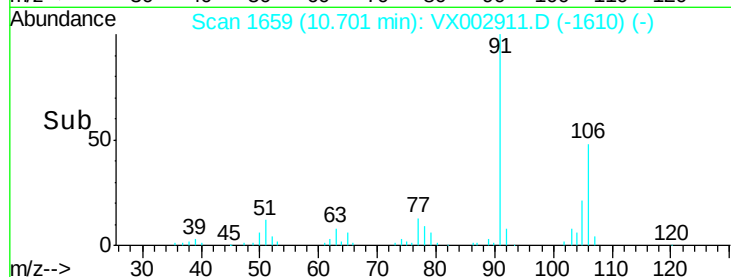
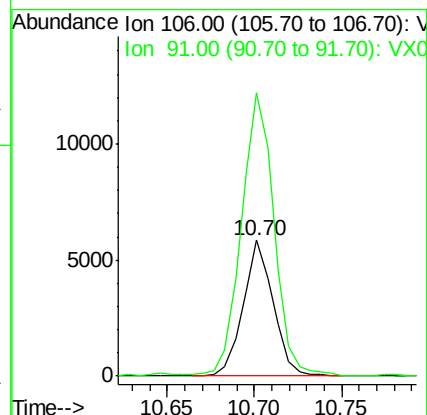
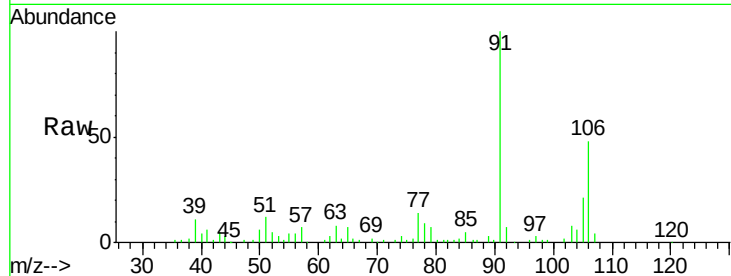




#69
o-Xylene
Concen: 1.32 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX002911.D
Acq: 26 Jun 2018 23:17

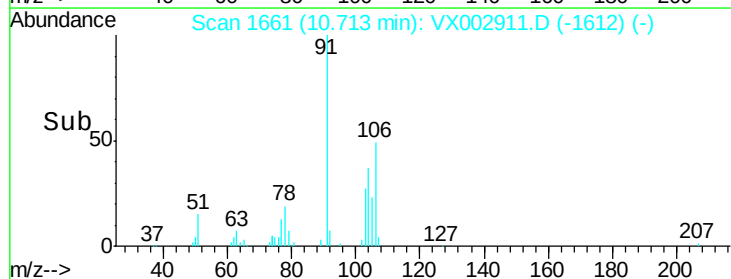
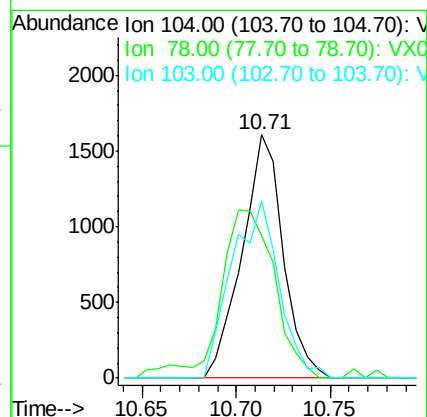
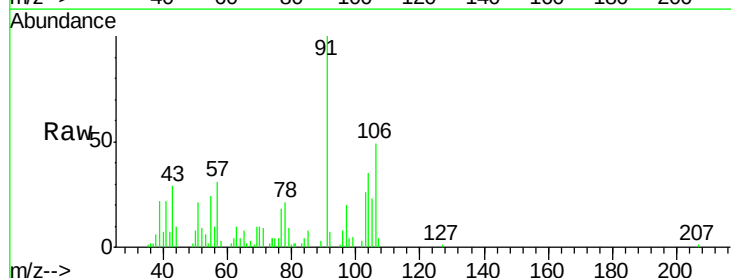
Instrument :
MSVOA_X
ClientSampleId :

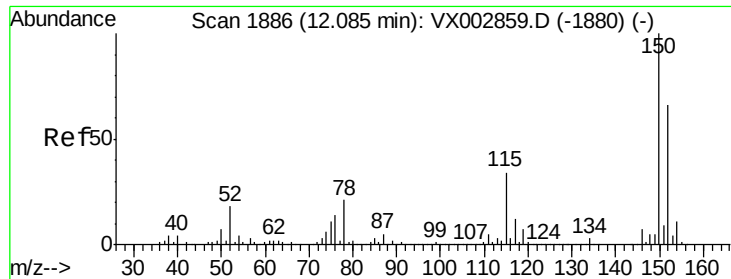
Tot Ion:106 Resp: 6973
Ion Ratio Lower Upper
106 100
91 227.1 108.2 324.6



#70
Styrene
Concen: 0.28 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX002911.D
Acq: 26 Jun 2018 23:17

Tgt Ion:104 Resp: 2423
Ion Ratio Lower Upper
104 100
78 91.6 41.0 61.6#
103 84.1 44.2 66.4#





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX002911.D

Acq: 26 Jun 2018 23:17

Instrument :

MSVOA_X

ClientSampleId :

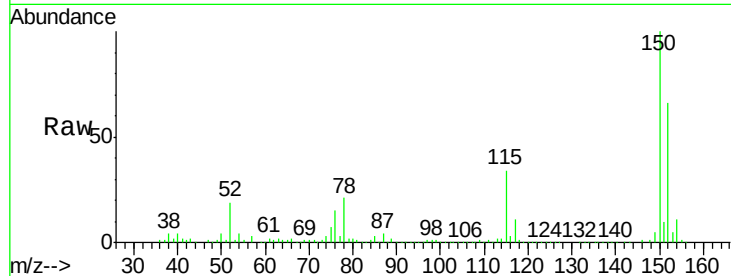
Tot Ion:152 Resp: 200761

Ion Ratio Lower Upper

152 100

115 55.5 40.1 120.2

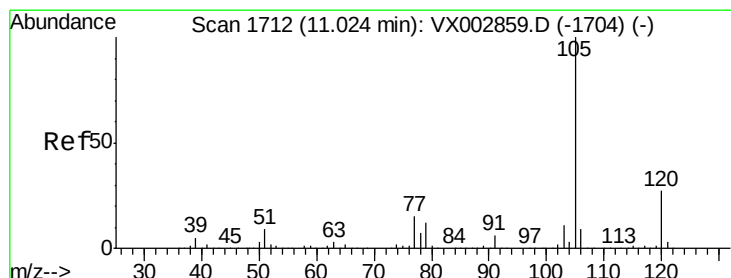
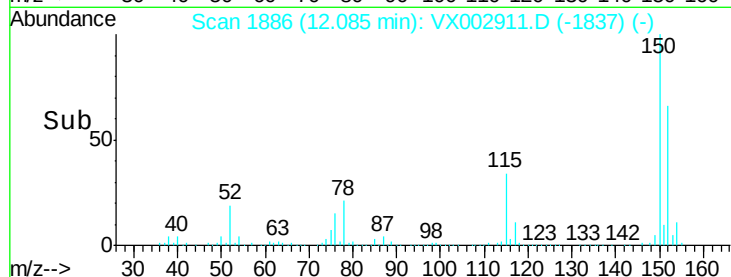
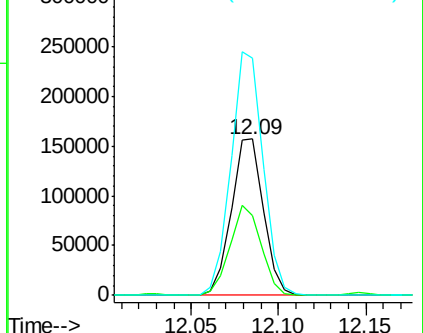
150 155.6 0.0 347.2



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: 0.38 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX002911.D

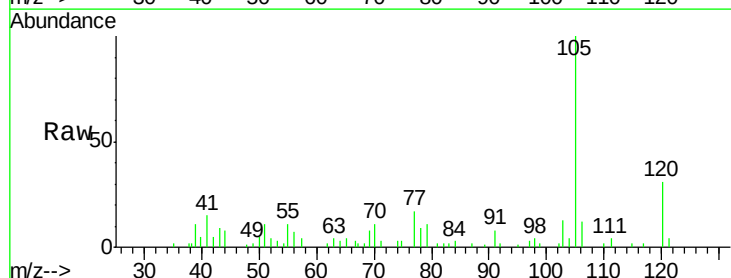
Acq: 26 Jun 2018 23:17

Tgt Ion:105 Resp: 5195

Ion Ratio Lower Upper

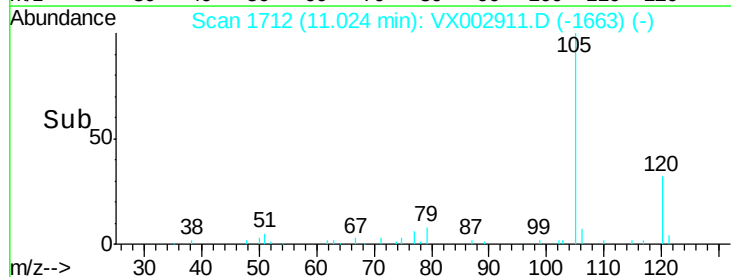
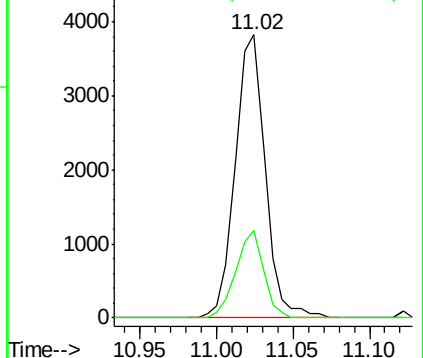
105 100

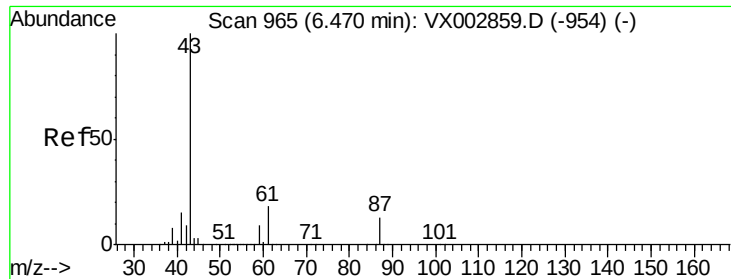
120 28.3 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 1.23 ug/l

RT: 6.35 min Scan# 945

Delta R.T. -0.12 min

Lab File: VX002911.D

Acq: 26 Jun 2018 23:17

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 43 Resp: 8143

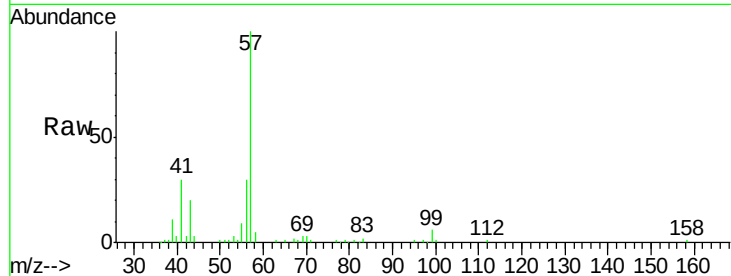
Ion Ratio Lower Upper

43 100

70 14.9 0.0 0.0#

55 47.0 0.0 0.0#

61 0.0 14.4 21.6#

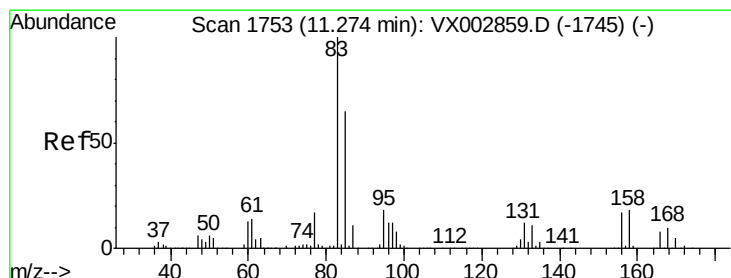
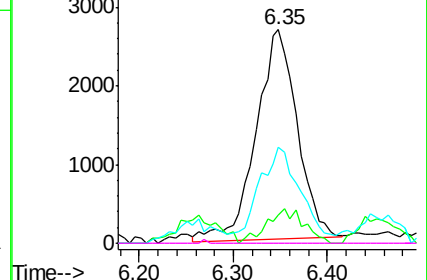
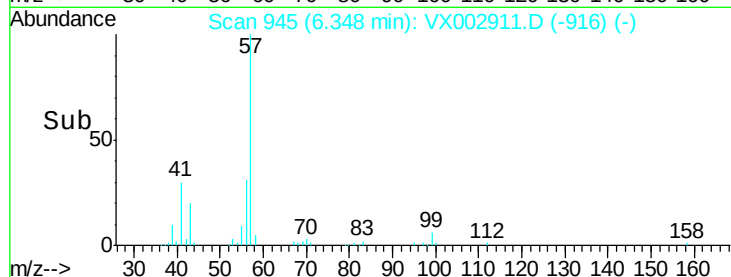


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 0.35 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX002911.D

Acq: 26 Jun 2018 23:17

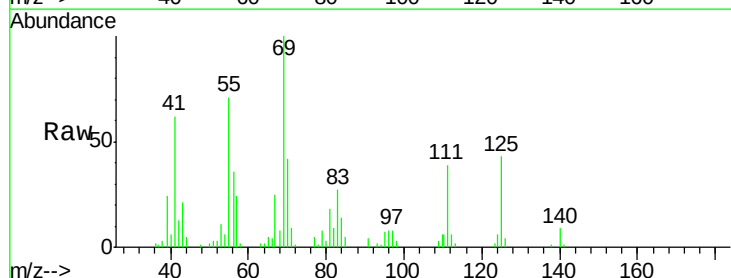
Tgt Ion: 83 Resp: 1437

Ion Ratio Lower Upper

83 100

131 0.0 5.6 16.8#

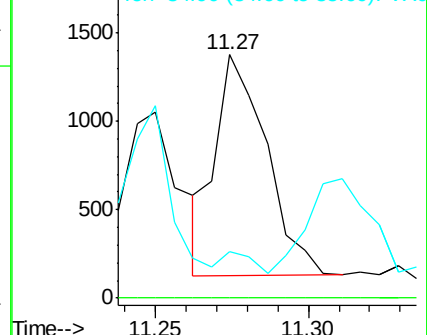
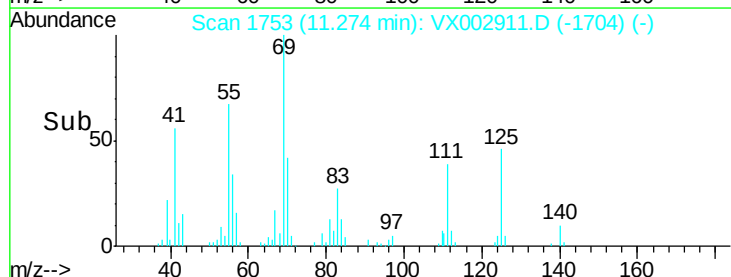
85 0.0 32.4 97.2#

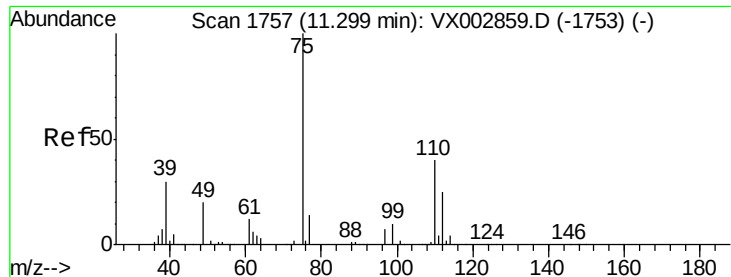


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 26.83 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX002911.D

Acq: 26 Jun 2018 23:17

Instrument :

MSVOA_X

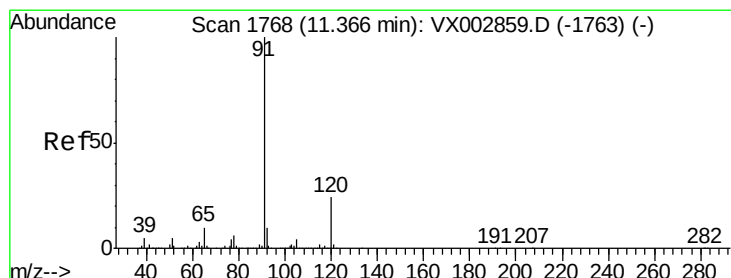
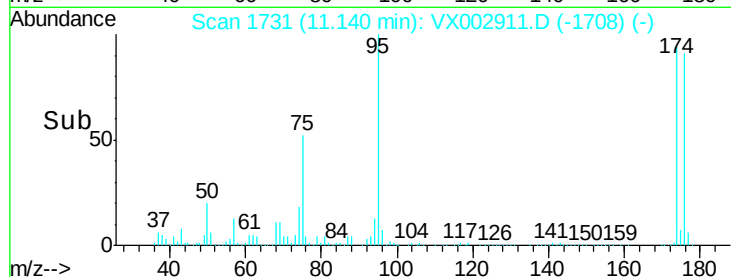
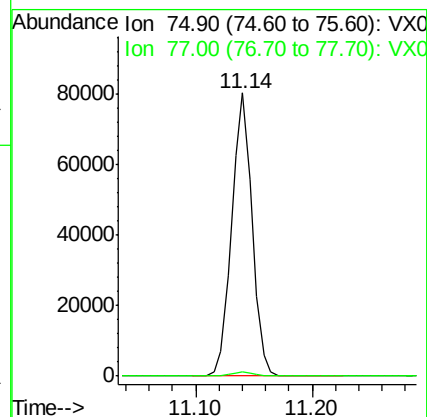
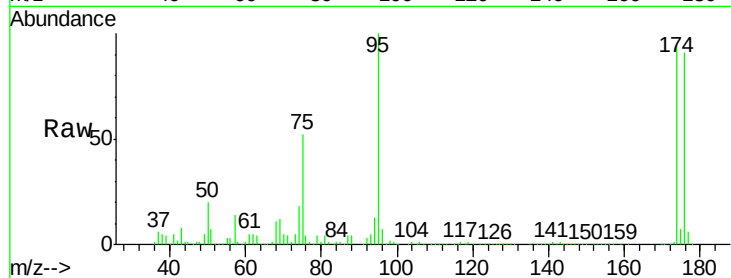
ClientSampled :

Tot Ion: 75 Resp: 97565

Ion Ratio Lower Upper

75 100

77 1.3 22.8 68.3#



#78

n-propylbenzene

Concen: 0.99 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX002911.D

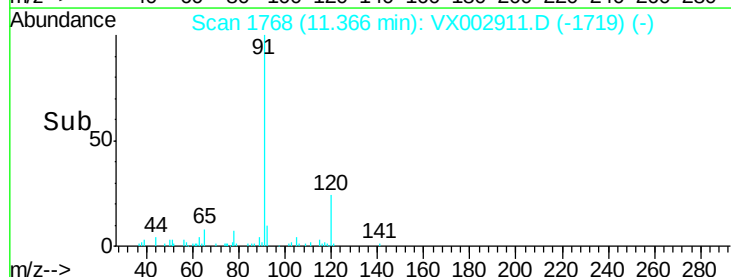
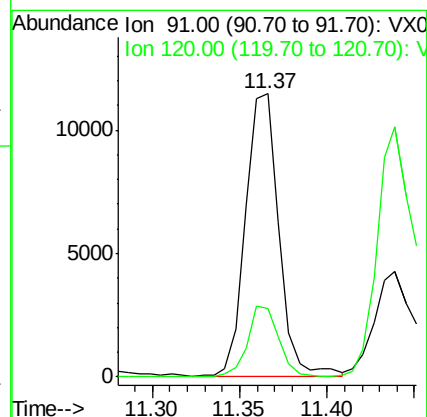
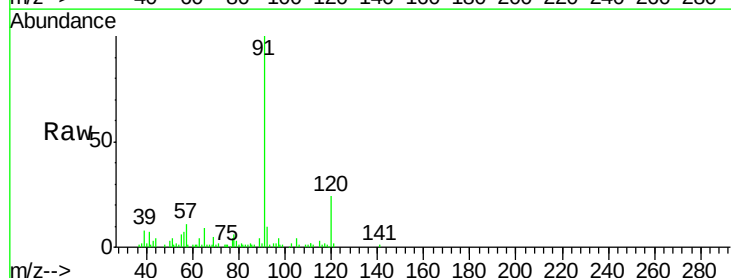
Acq: 26 Jun 2018 23:17

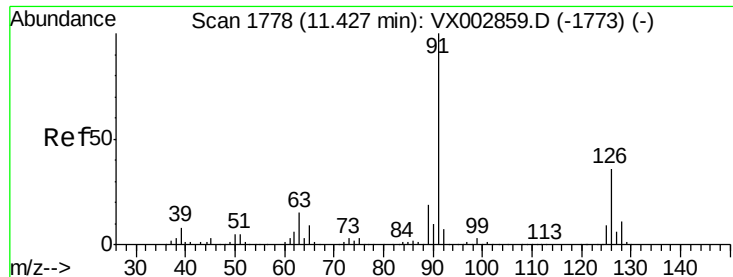
Tgt Ion: 91 Resp: 15246

Ion Ratio Lower Upper

91 100

120 23.2 11.8 35.4

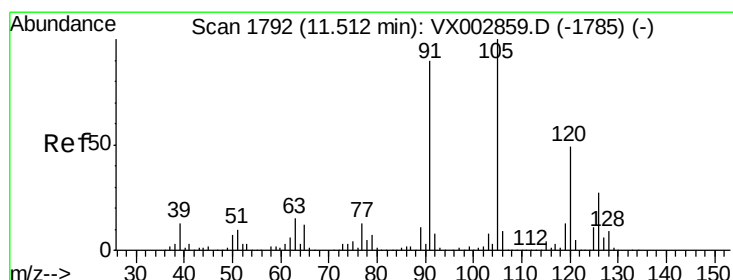
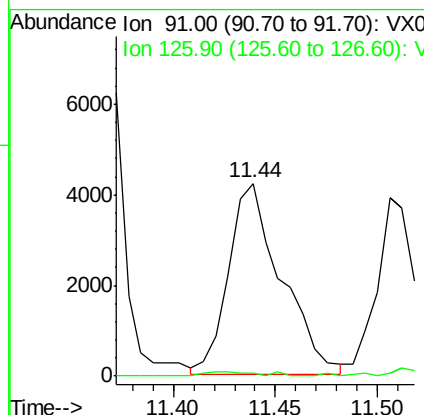
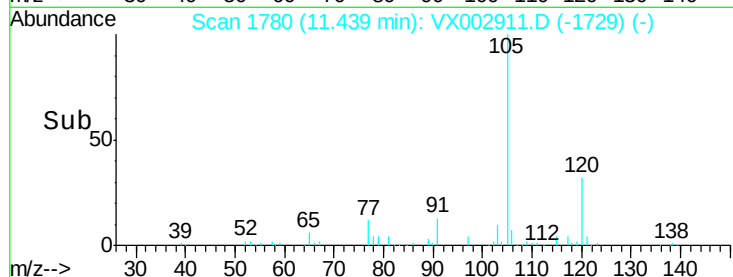
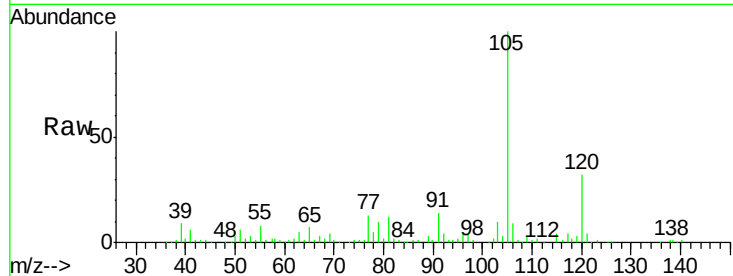




#79
 2-Chlorotoluene
 Concen: 0.81 ug/l
 RT: 11.44 min Scan# 1780
 Delta R.T. 0.01 min
 Lab File: VX002911.D
 Acq: 26 Jun 2018 23:17

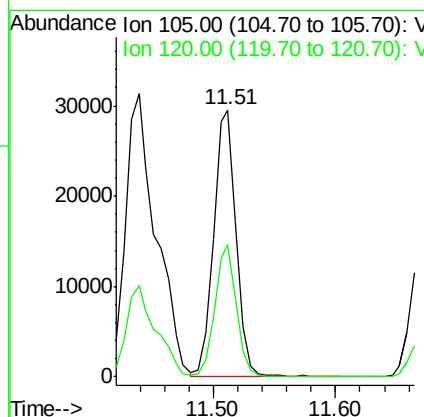
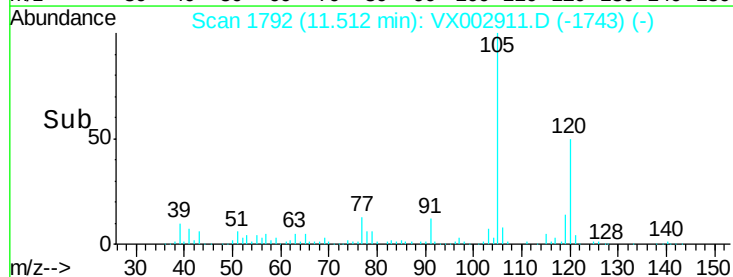
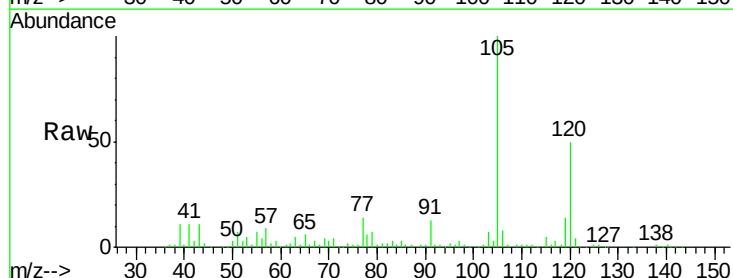
Instrument :
 MSVOA_X
 ClientSampleId :

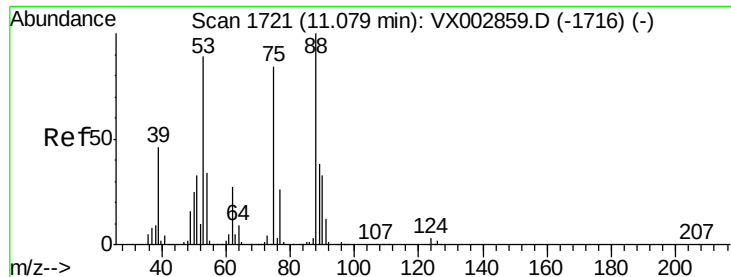
Tot Ion: 91 Resp: 7566
 Ion Ratio Lower Upper
 91 100
 126 2.0 17.7 53.1#



#80
 1,3,5-Trimethylbenzene
 Concen: 3.35 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX002911.D
 Acq: 26 Jun 2018 23:17

Tgt Ion:105 Resp: 38104
 Ion Ratio Lower Upper
 105 100
 120 47.3 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 75.97 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX002911.D

Acq: 26 Jun 2018 23:17

Instrument :

MSVOA_X

ClientSampleId :

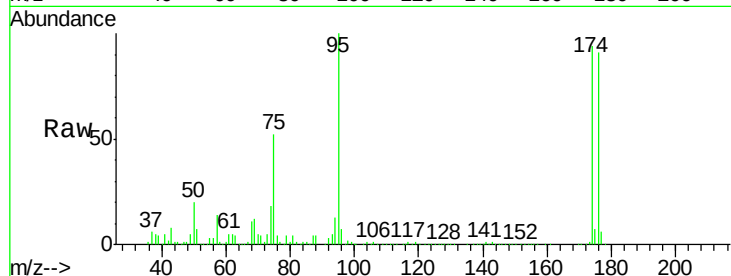
Tot Ion: 75 Resp: 97565

Ion Ratio Lower Upper

75 100

53 0.9 86.8 130.2#

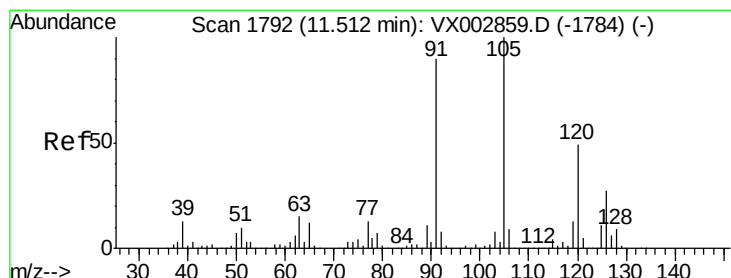
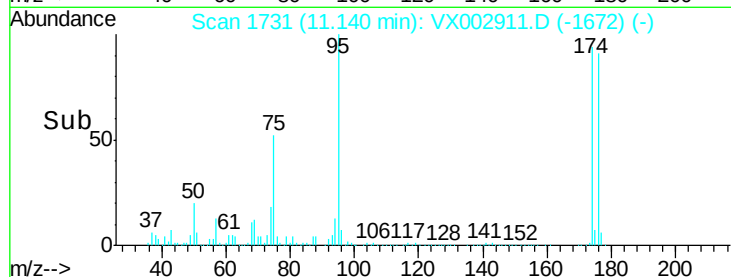
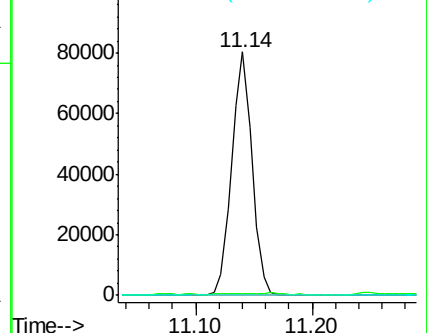
89 0.0 38.2 57.2#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 0.48 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX002911.D

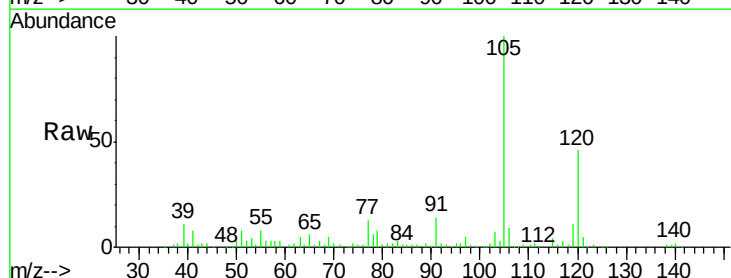
Acq: 26 Jun 2018 23:17

Tgt Ion: 91 Resp: 5248

Ion Ratio Lower Upper

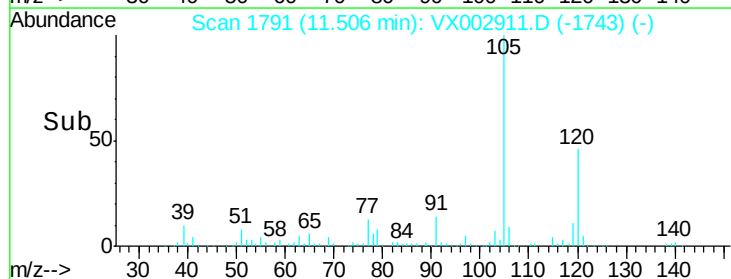
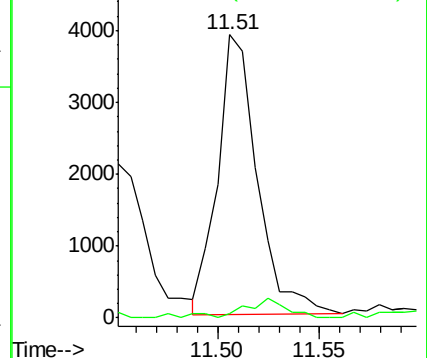
91 100

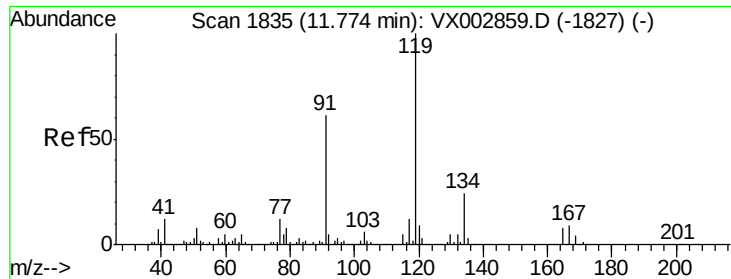
126 7.7 15.4 46.4#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

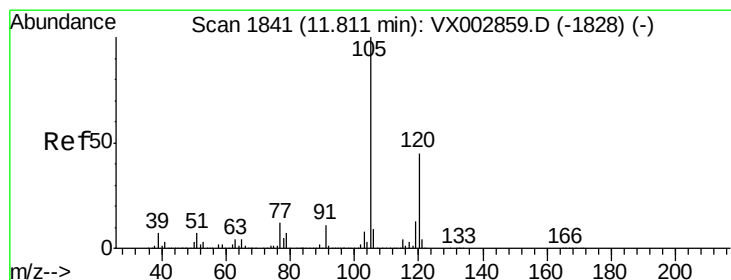
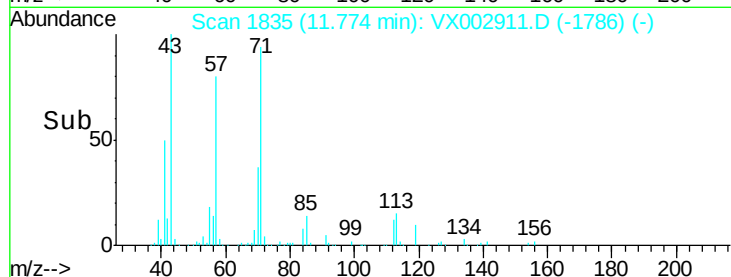
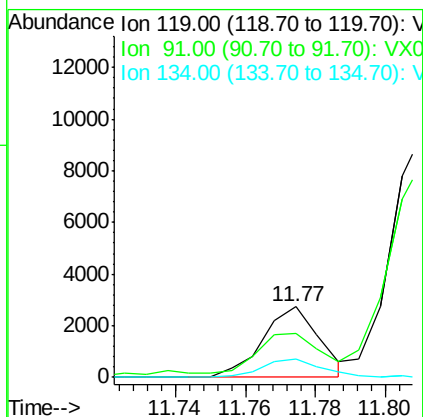
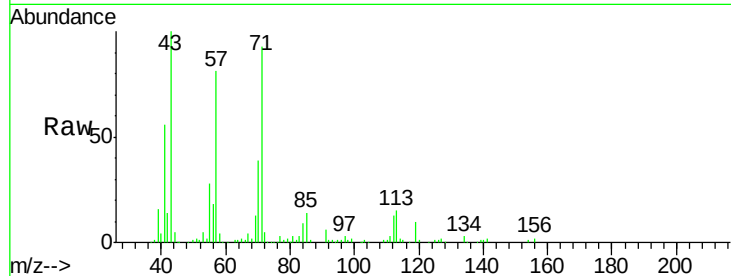




#83
 tert-Butylbenzene
 Concen: 0.27 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX002911.D
 Acq: 26 Jun 2018 23:17

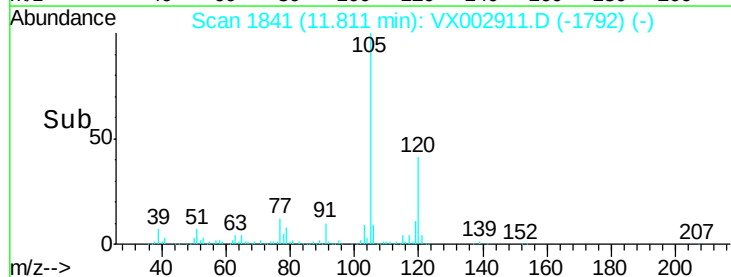
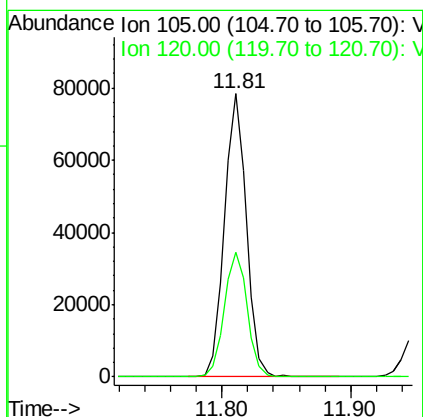
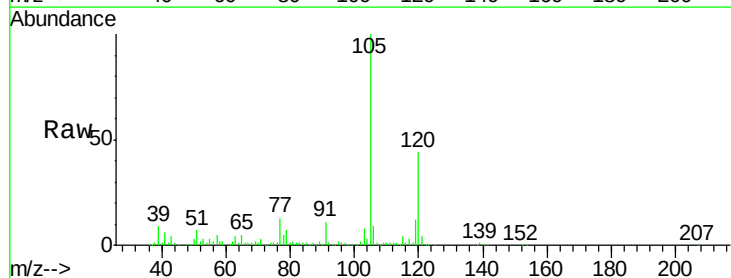
Instrument :
 MSVOA_X
 ClientSampled :

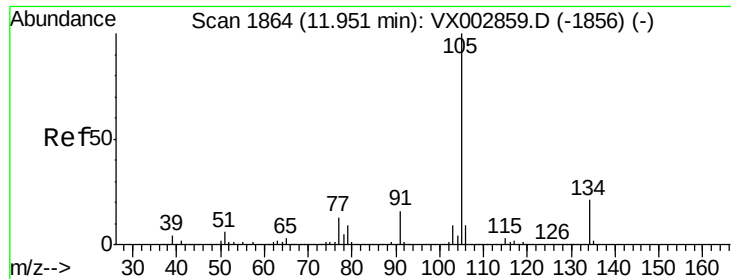
Tot Ion:119 Resp: 3050
 Ion Ratio Lower Upper
 119 100
 91 63.5 30.3 90.9
 134 27.1 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 8.02 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX002911.D
 Acq: 26 Jun 2018 23:17

Tgt Ion:105 Resp: 94512
 Ion Ratio Lower Upper
 105 100
 120 46.1 22.3 66.8

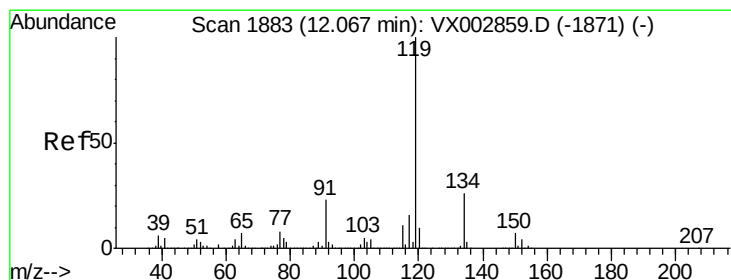
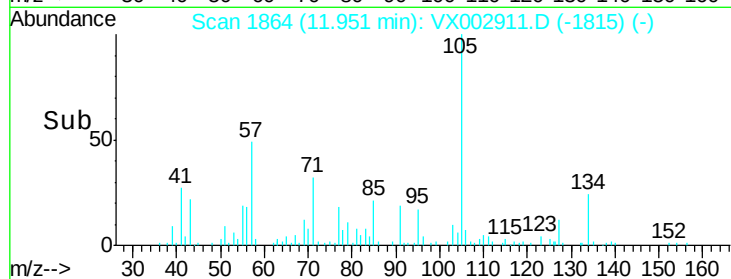
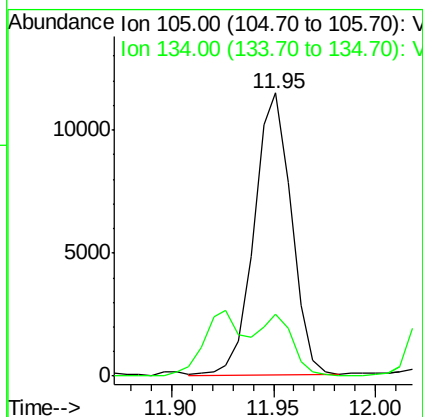
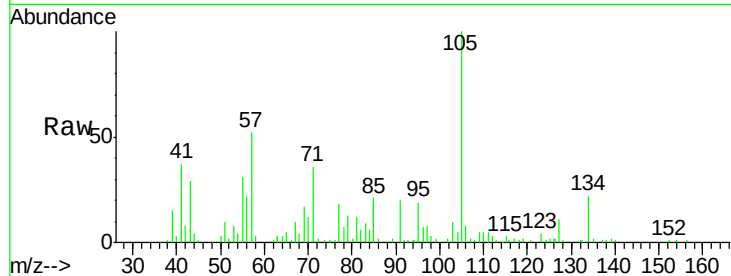




#85
 sec-Butylbenzene
 Concen: 1.07 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX002911.D
 Acq: 26 Jun 2018 23:17

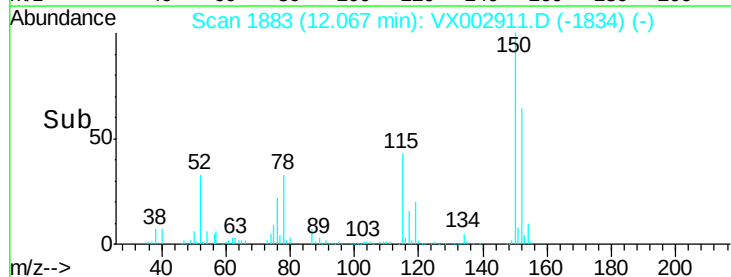
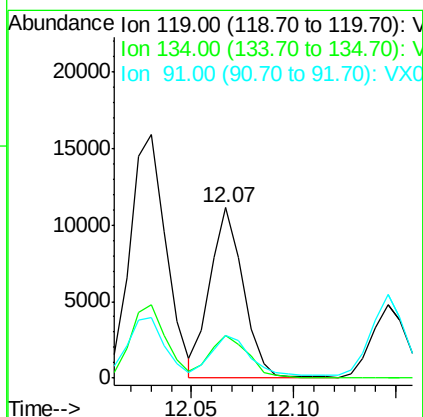
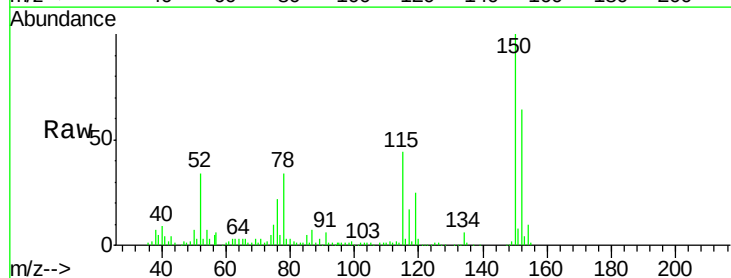
Instrument :
 MSVOA_X
 ClientSampled :

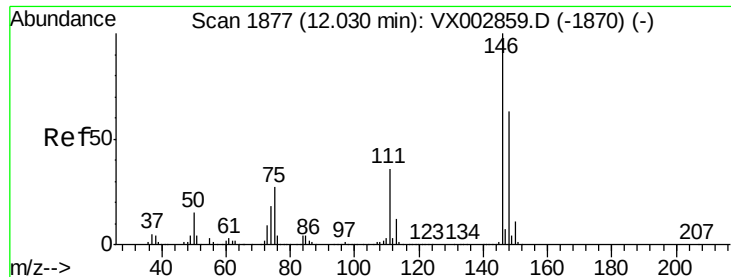
Tot Ion:105 Resp: 14567
 Ion Ratio Lower Upper
 105 100
 134 18.3 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 1.04 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VX002911.D
 Acq: 26 Jun 2018 23:17

Tgt Ion:119 Resp: 12717
 Ion Ratio Lower Upper
 119 100
 134 28.4 13.4 40.1
 91 26.8 11.9 35.7

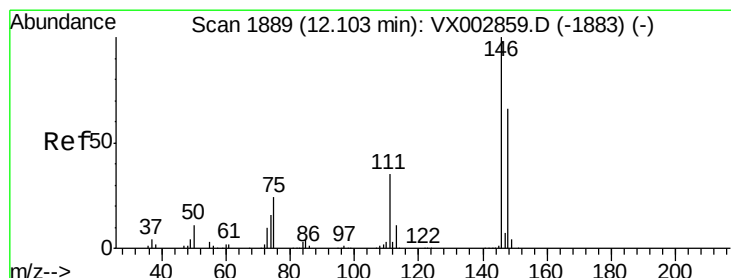
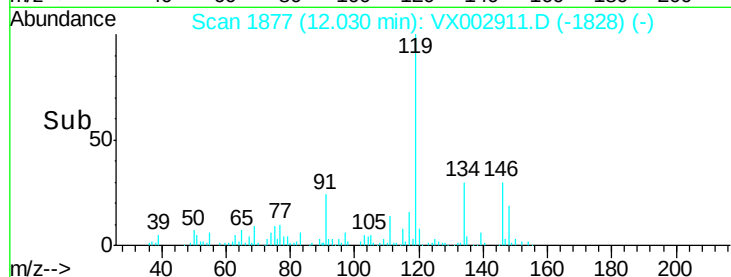
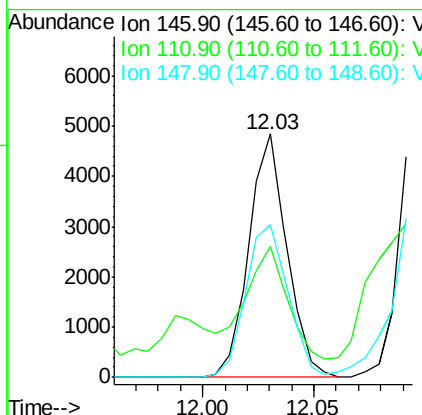
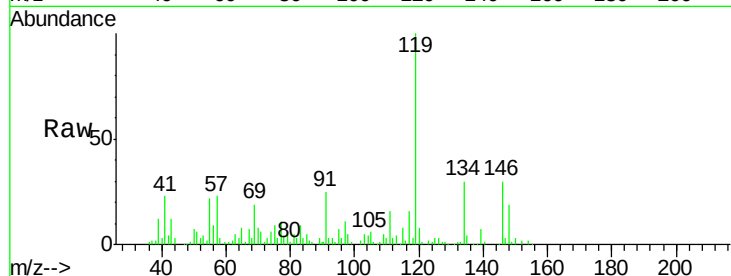




#87
 1,3-Dichlorobenzene
 Concen: 0.82 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX002911.D
 Acq: 26 Jun 2018 23:17

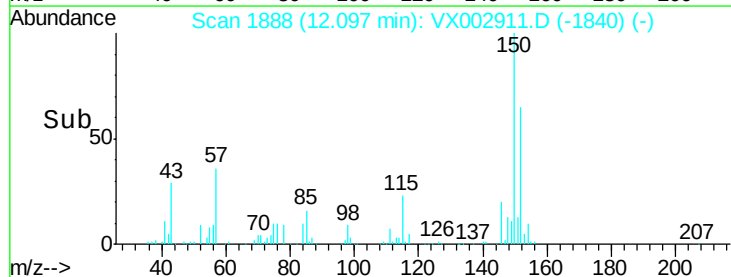
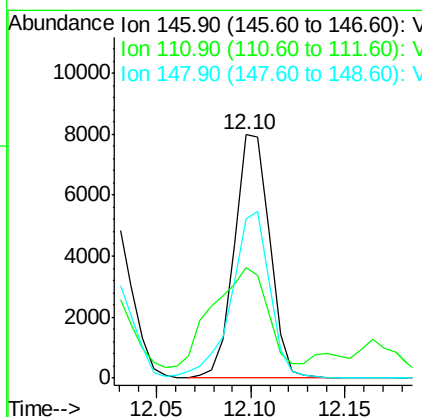
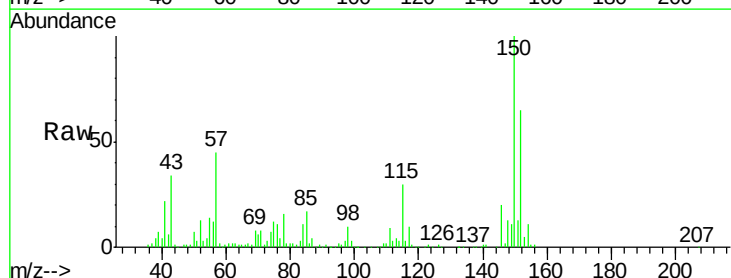
Instrument :
 MSVOA_X
 ClientSampleId :

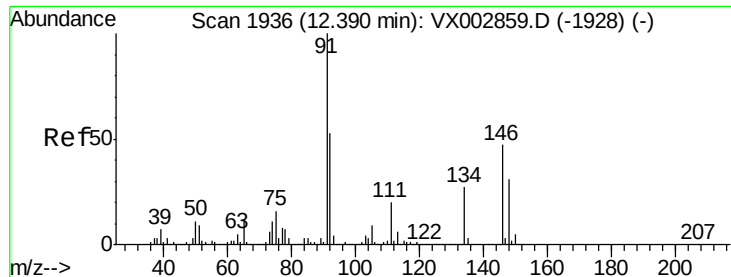
Tot Ion:146 Resp: 5762
 Ion Ratio Lower Upper
 146 100
 111 52.3 18.9 56.7
 148 70.0 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 1.44 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. -0.01 min
 Lab File: VX002911.D
 Acq: 26 Jun 2018 23:17

Tgt Ion:146 Resp: 10444
 Ion Ratio Lower Upper
 146 100
 111 67.0 18.7 56.1#
 148 74.2 32.4 97.0





#89

n-Butylbenzene

Concen: 3.63 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX002911.D

Acq: 26 Jun 2018 23:17

Instrument :

MSVOA_X

ClientSampleId :

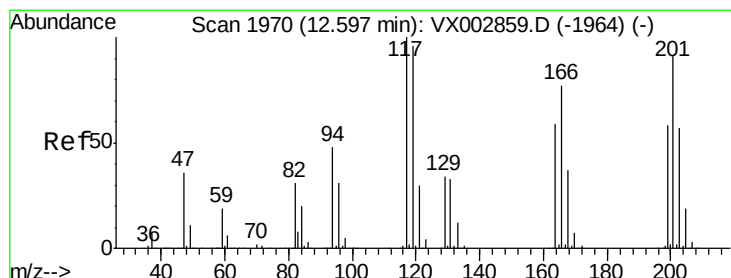
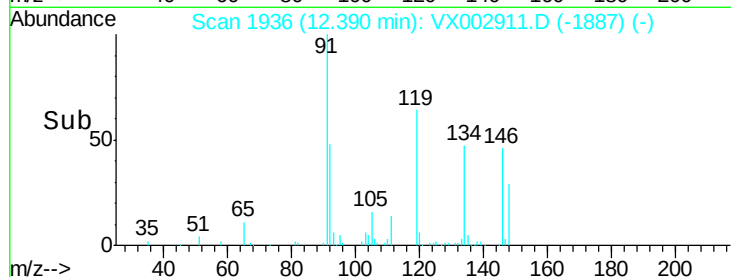
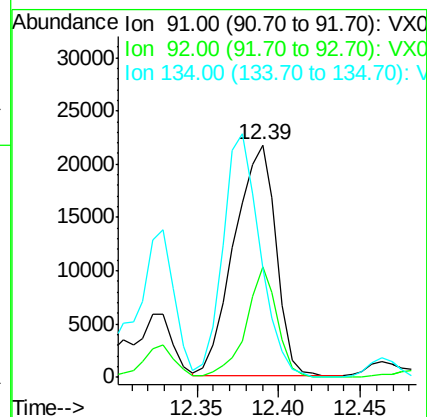
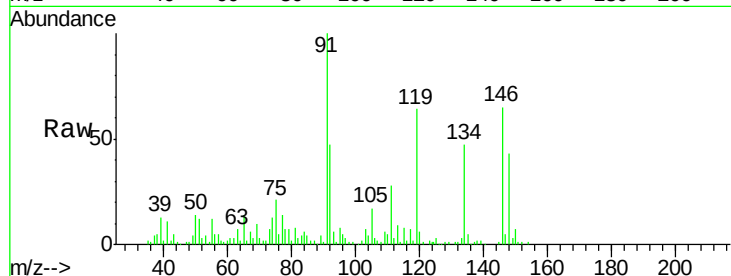
Tot Ion: 91 Resp: 38641

Ion Ratio Lower Upper

91 100

92 35.8 26.0 78.0

134 93.9 13.5 40.5#



#90

Hexachloroethane

Concen: 3.19 ug/l

RT: 12.59 min Scan# 1969

Delta R.T. -0.01 min

Lab File: VX002911.D

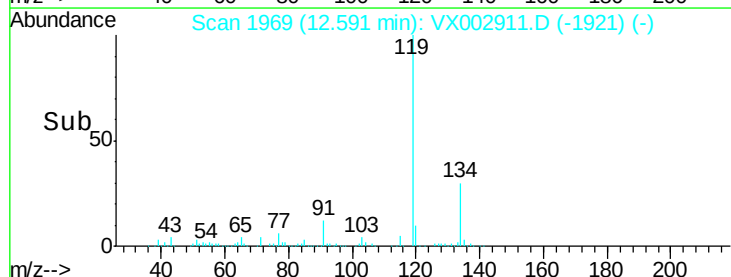
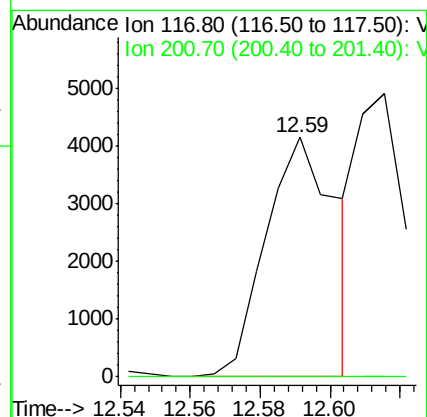
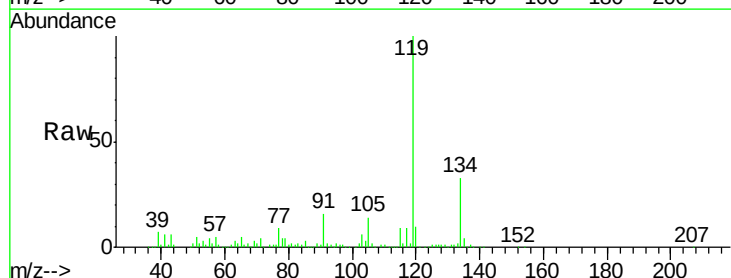
Acq: 26 Jun 2018 23:17

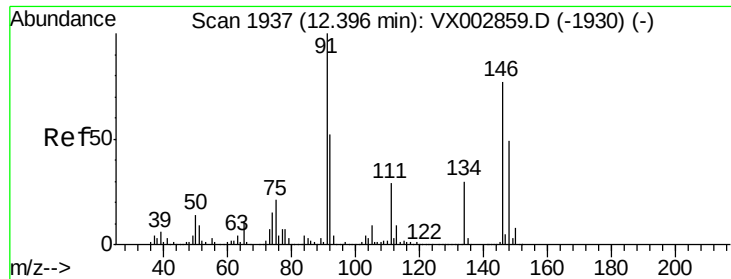
Tgt Ion: 117 Resp: 5798

Ion Ratio Lower Upper

117 100

201 0.0 49.0 147.0#

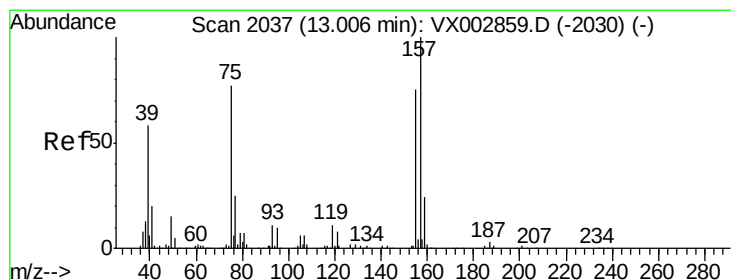
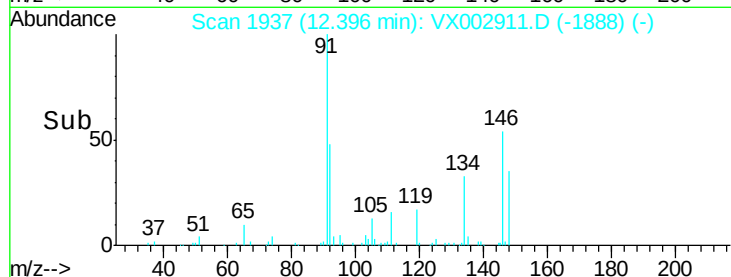
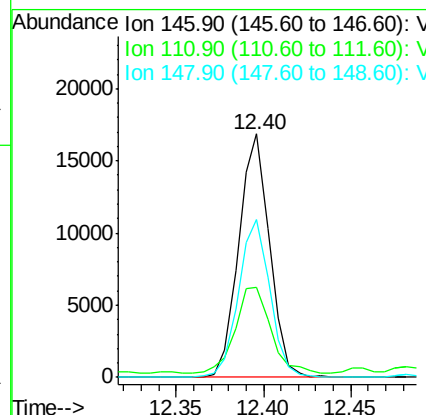
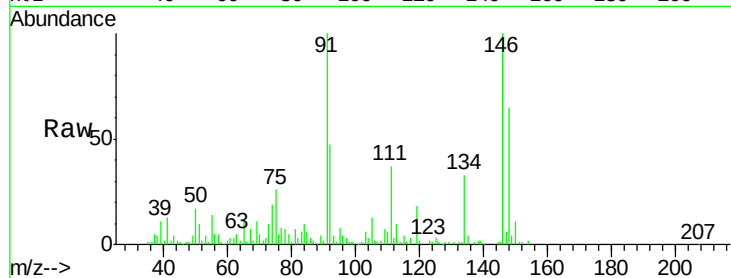




#91
 1,2-Dichlorobenzene
 Concen: 2.90 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX002911.D
 Acq: 26 Jun 2018 23:17

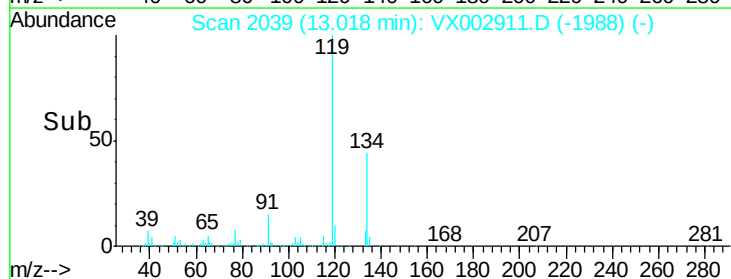
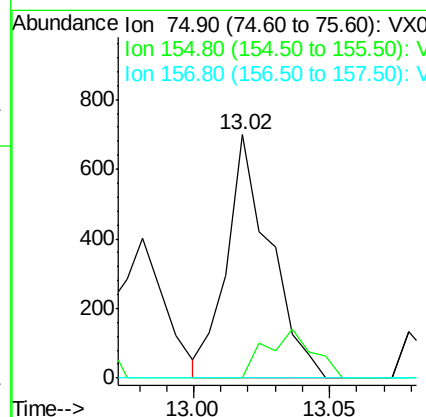
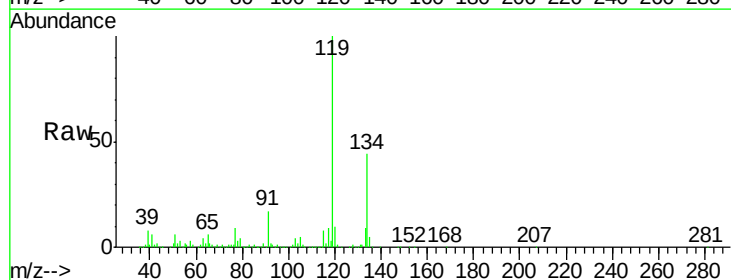
Instrument :
 MSVOA_X
 ClientSampleId :

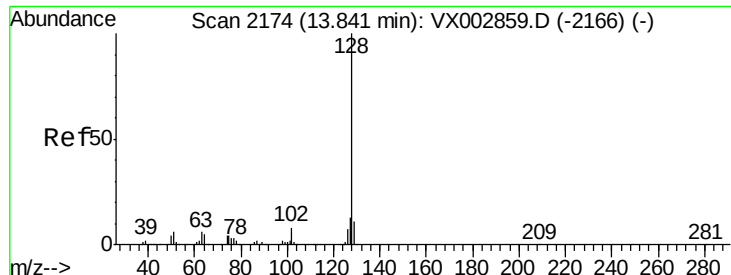
Tot Ion:146 Resp: 20591
 Ion Ratio Lower Upper
 146 100
 111 41.5 19.4 58.1
 148 65.9 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.83 ug/l
 RT: 13.02 min Scan# 2039
 Delta R.T. 0.01 min
 Lab File: VX002911.D
 Acq: 26 Jun 2018 23:17

Tgt Ion: 75 Resp: 775
 Ion Ratio Lower Upper
 75 100
 155 21.8 45.8 137.4#
 157 0.0 60.1 180.3#

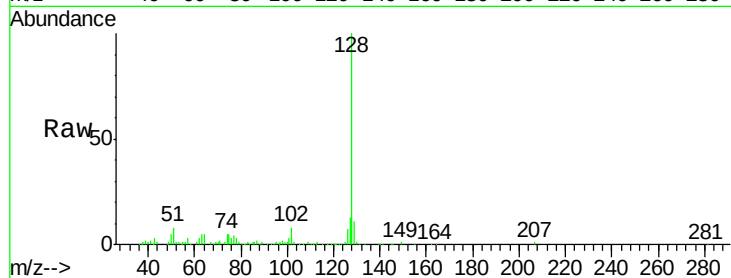




#95
Naphthalene
Concen: 3.85 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. -0.01 min
Lab File: VX002911.D
Acq: 26 Jun 2018 23:17

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 52851
Ion Ratio Lower Upper
128 100
127 14.3 10.4 15.6
129 11.5 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

