

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012619\
 Data File : VX007248.D
 Acq On : 25 Jan 2019 23:48
 Operator : JC/SP
 Sample : K1231-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 28 00:20:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	537857	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	836135	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	807714	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	399305	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	290928	51.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.52%	
35) Dibromofluoromethane	5.51	113	262627	49.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.10%	
50) Toluene-d8	8.71	98	1020171	52.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.10%	
62) 4-Bromofluorobenzene	11.13	95	367982	53.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.72%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	1113	0.216	ug/l #	78
8) Diethyl Ether	2.20	74	1055	0.297	ug/l	88
11) Tert butyl alcohol	3.07	59	5271	3.975	ug/l	100
13) Acrolein	2.31	56	256	3.526	ug/l	90
14) Allyl chloride	2.86	41	14381	1.697	ug/l #	25
16) Acetone	2.45	43	67446	24.271	ug/l	99
18) Methyl Acetate	2.78	43	26444	3.286	ug/l	98
20) Methylene Chloride	2.86	84	398515	75.689	ug/l	94
25) 2-Butanone	4.70	43	15445	3.884	ug/l	96
29) Tetrahydrofuran	5.16	42	16284	6.302	ug/l	99
36) 1,1-Dichloropropene	5.66	75	35497	4.883	ug/l #	49
37) Ethyl Acetate	4.70	43	15445	1.982	ug/l #	69
38) Carbon Tetrachloride	5.67	117	47788	6.534	ug/l #	16
43) Isopropyl Acetate	6.46	43	27414	2.230	ug/l	99
48) Methyl methacrylate	7.69	41	12699	2.012	ug/l #	12
49) 1,4-Dioxane	7.76	88	149	Below Cal	#	27
51) 4-Methyl-2-Pentanone	8.62	43	141484	17.908	ug/l #	49
52) Toluene	8.79	92	47844	3.356	ug/l	96
54) cis-1,3-Dichloropropene	8.62	75	68298	8.361	ug/l #	63
57) 1,3-Dichloropropane	9.54	76	16642	1.780	ug/l #	47
59) 2-Hexanone	9.54	43	214219	35.581	ug/l #	51
67) Ethyl Benzene	10.25	91	55209	1.898	ug/l	96
68) m/p-Xylenes	10.36	106	96829	8.451	ug/l	98
69) o-Xylene	10.70	106	36933	3.305	ug/l	98
73) Isopropylbenzene	11.02	105	6509	0.231	ug/l	93
76) 1,2,3-Trichloropropane	11.13	75	176535	21.817	ug/l #	40
78) n-propylbenzene	11.36	91	32367	1.047	ug/l	100
79) 2-Chlorotoluene	11.43	91	19357	1.040	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.51	105	63594	2.703	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.13	75	176535	64.641	ug/l #	10
82) 4-Chlorotoluene	11.51	91	6888	0.320	ug/l #	45
83) tert-Butylbenzene	11.80	119	27283	1.162	ug/l #	61
84) 1,2,4-Trimethylbenzene	11.80	105	218285	9.227	ug/l	100
85) sec-Butylbenzene	11.80	105	218285	7.787	ug/l #	55

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Quant Title : SW846 8260
QLast Update : Tue Jan 08 14:06:59 2019
Response via : Initial Calibration

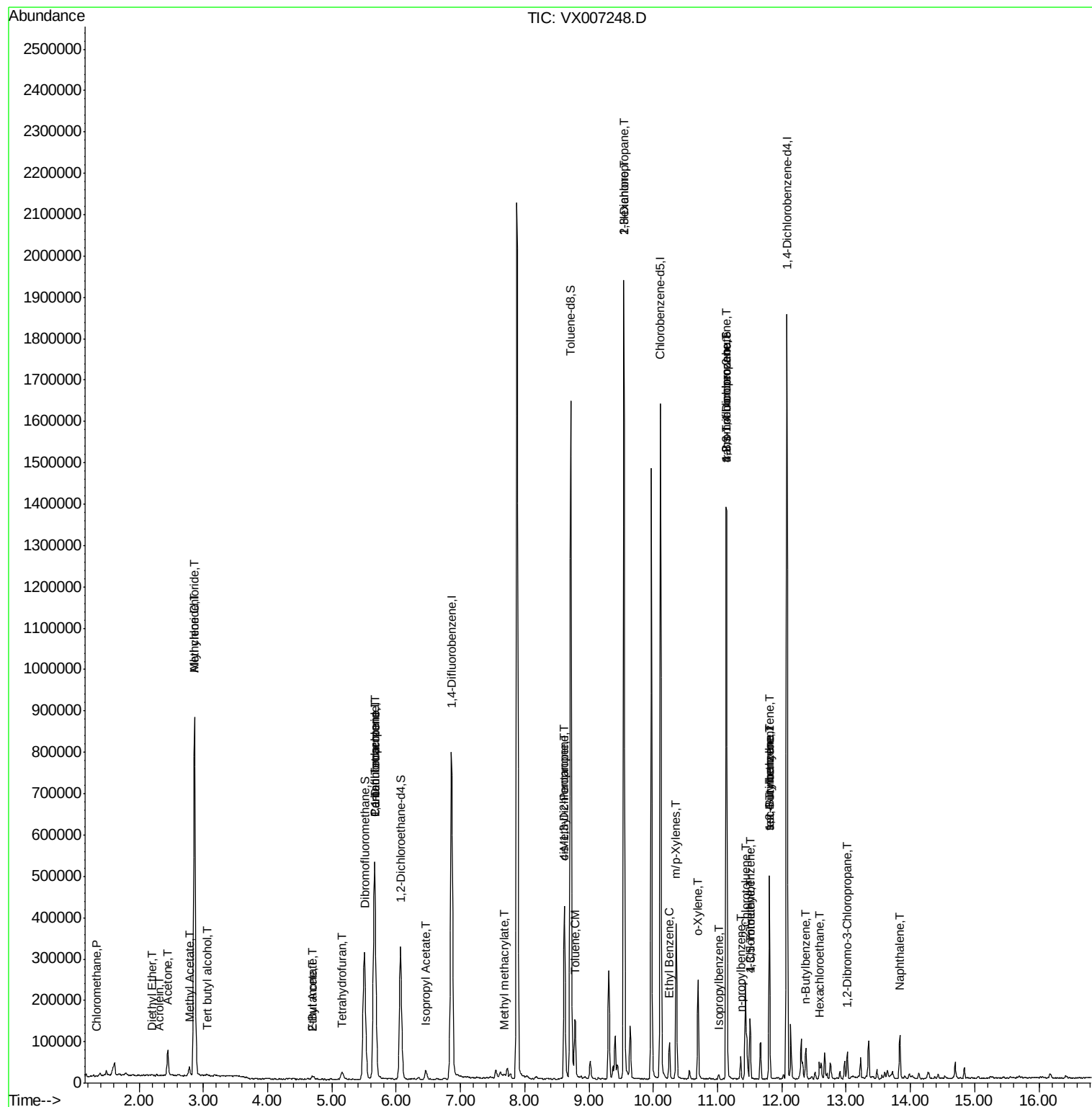
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	12.38	91	8074	0.378	ug/l #	7
90) Hexachloroethane	12.58	117	3933	3.834	ug/l #	6
92) 1,2-Dibromo-3-Chloropropan	13.01	75	473	0.268	ug/l #	1
95) Naphthalene	13.83	128	68807	2.392	ug/l	98

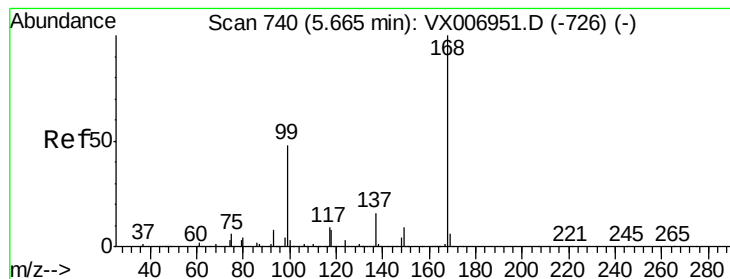
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX012619\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007248.D

Acq: 25 Jan 2019 23:48

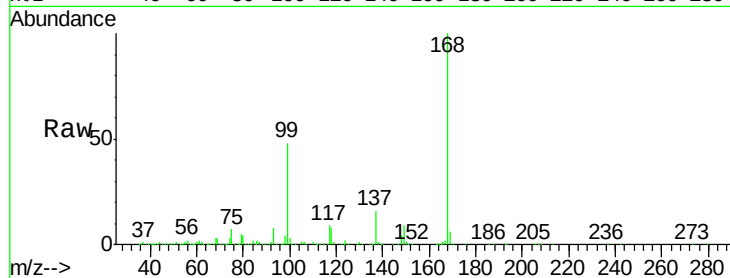
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:168 Resp: 537857

Ion Ratio Lower Upper

168 100

99 47.8 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

200000

150000

100000

50000

0

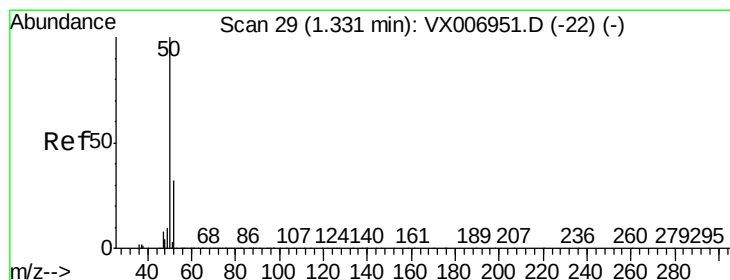
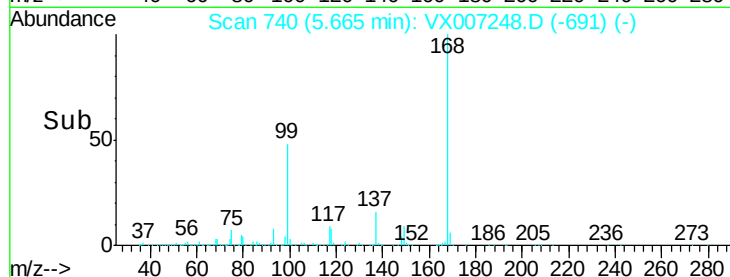
5.67

5.60

5.70

5.80

Time-->



#3

Chloromethane

Concen: 0.216 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007248.D

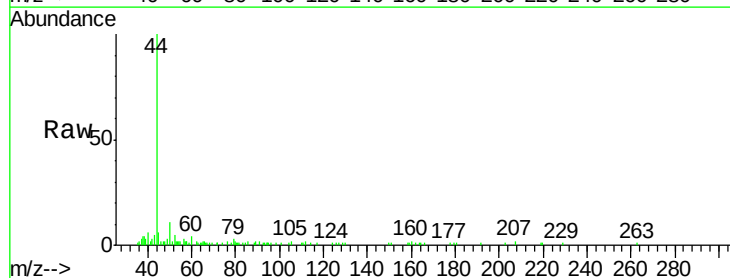
Acq: 25 Jan 2019 23:48

Tgt Ion: 50 Resp: 1113

Ion Ratio Lower Upper

50 100

52 19.3 25.4 38.2#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

800

600

400

200

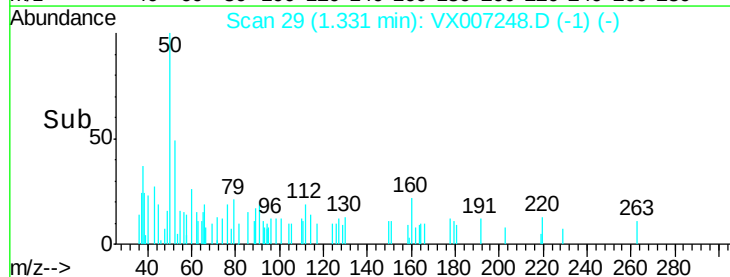
0

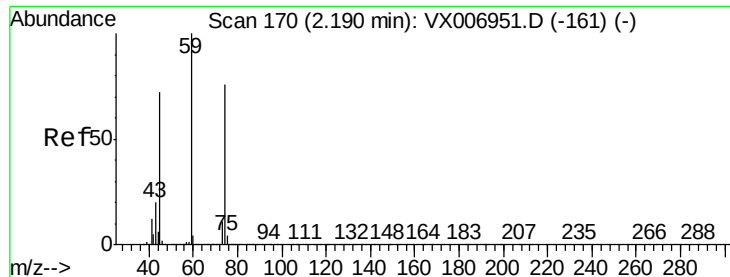
1.33

1.30

1.35

Time-->





#8

Diethyl Ether

Concen: 0.297 ug/l

RT: 2.20 min Scan# 171

Delta R.T. 0.01 min

Lab File: VX007248.D

Acq: 25 Jan 2019 23:48

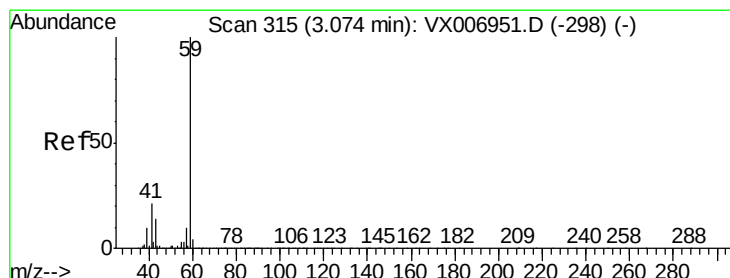
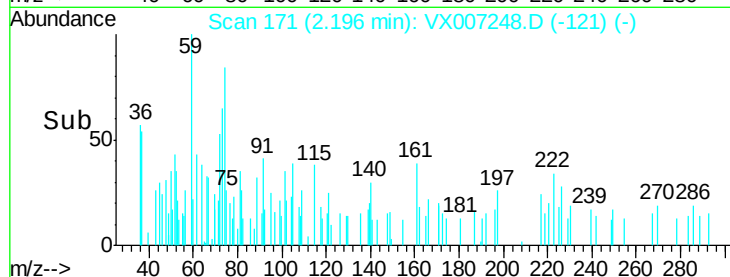
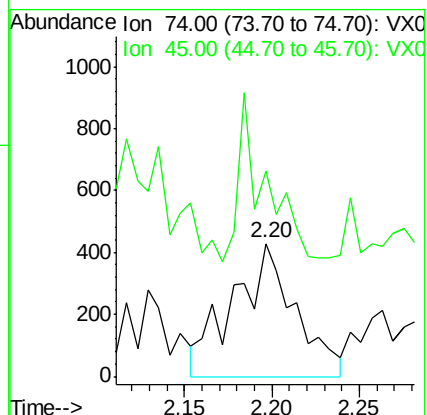
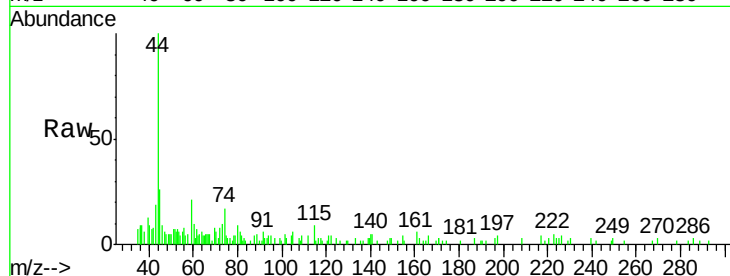
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 74 Resp: 1055

Ion Ratio Lower Upper

74 100

45 80.8 46.3 138.9



#11

Tert butyl alcohol

Concen: 3.975 ug/l

RT: 3.07 min Scan# 314

Delta R.T. -0.01 min

Lab File: VX007248.D

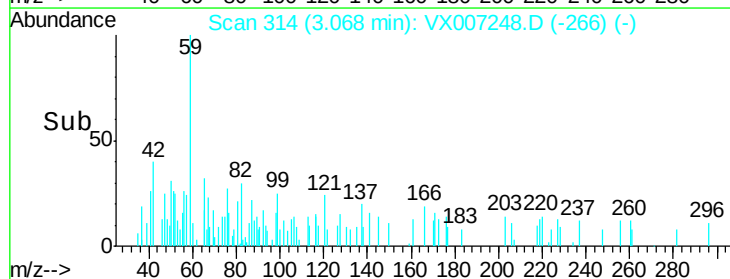
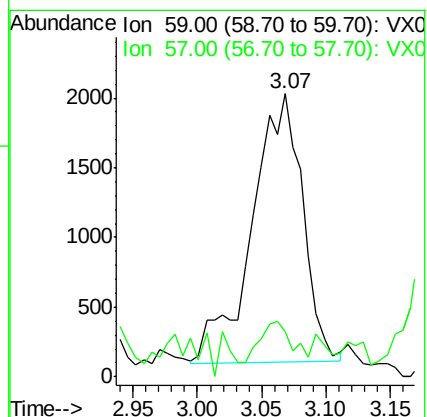
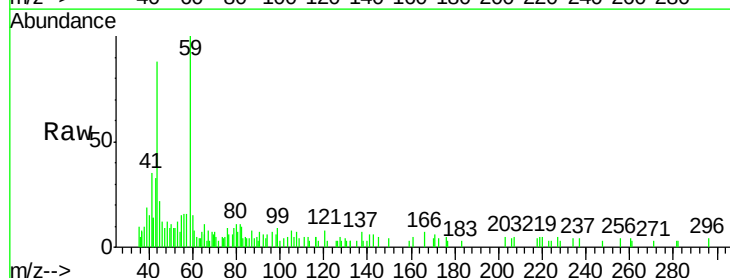
Acq: 25 Jan 2019 23:48

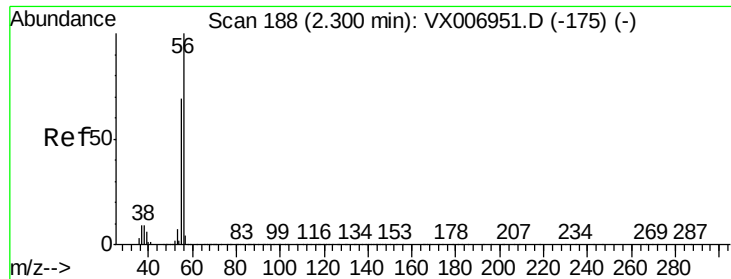
Tgt Ion: 59 Resp: 5271

Ion Ratio Lower Upper

59 100

57 10.5 8.5 12.7





#13

Acrolein

Concen: 3.526 ug/l

RT: 2.31 min Scan# 190

Delta R.T. 0.01 min

Lab File: VX007248.D

Acq: 25 Jan 2019 23:48

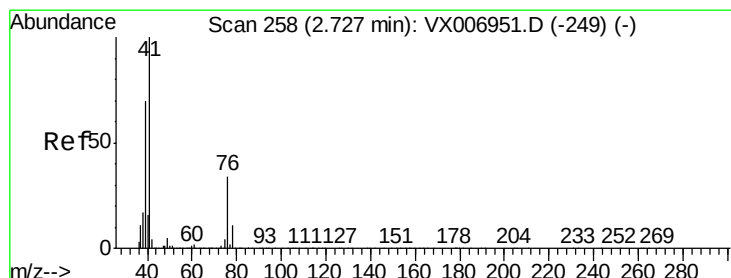
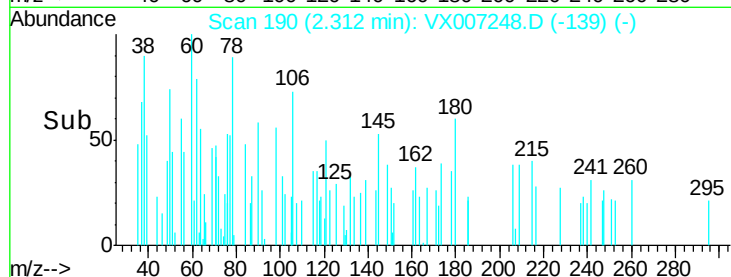
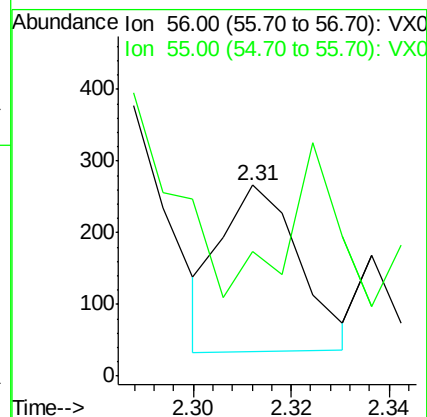
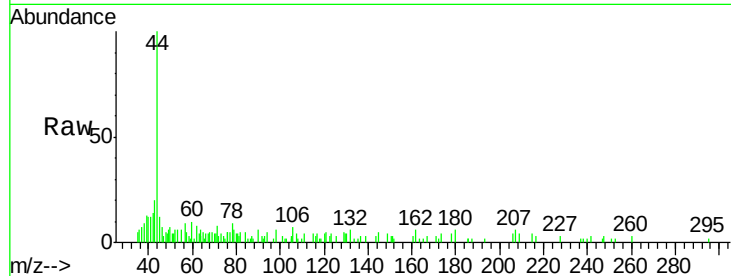
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 256

Ion Ratio Lower Upper

56 100

55 64.1 58.2 87.4



#14

Allyl chloride

Concen: 1.697 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.13 min

Lab File: VX007248.D

Acq: 25 Jan 2019 23:48

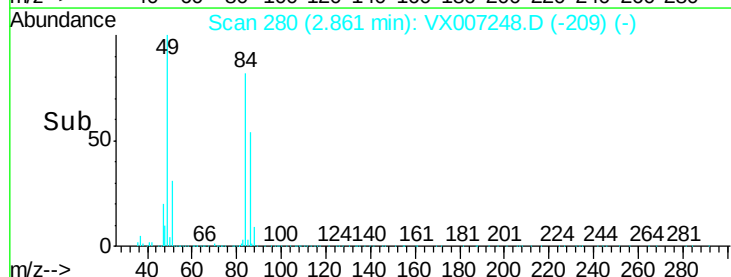
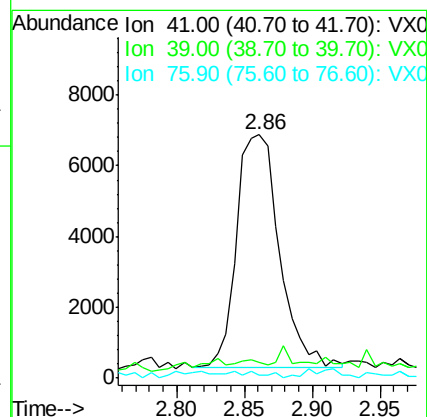
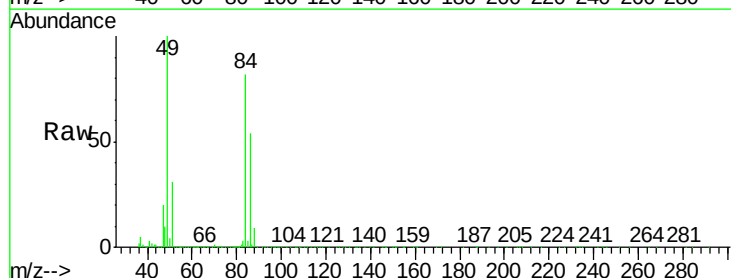
Tgt Ion: 41 Resp: 14381

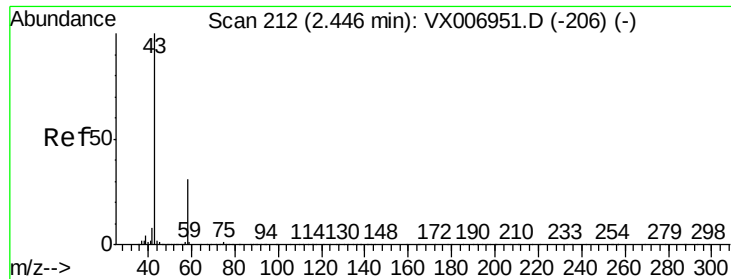
Ion Ratio Lower Upper

41 100

39 1.0 53.6 80.4#

76 0.0 27.4 41.2#

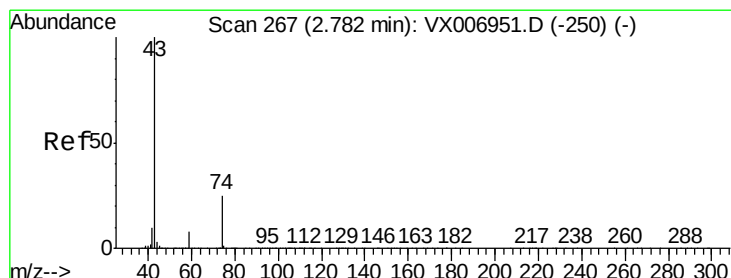
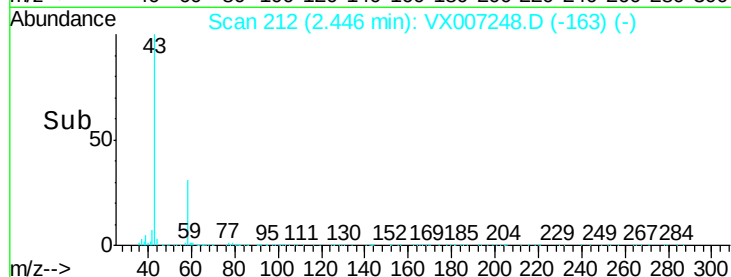
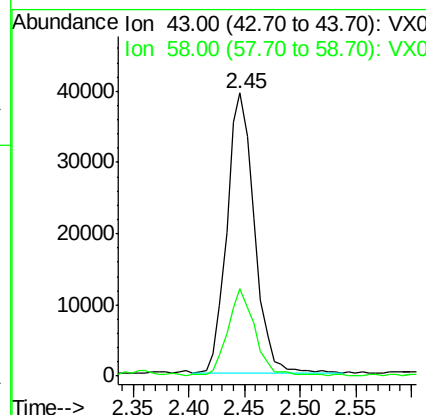
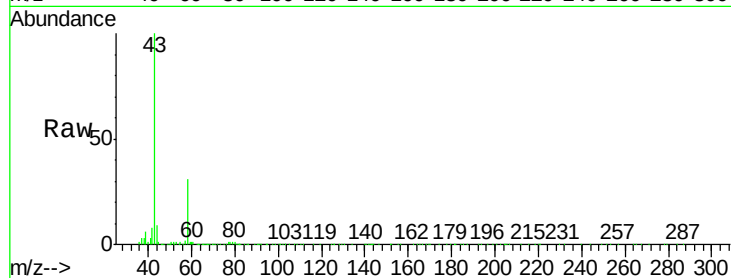




#16
Acetone
Concen: 24.271 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX007248.D
Acq: 25 Jan 2019 23:48

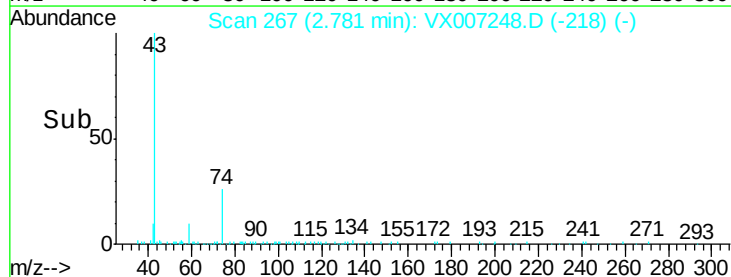
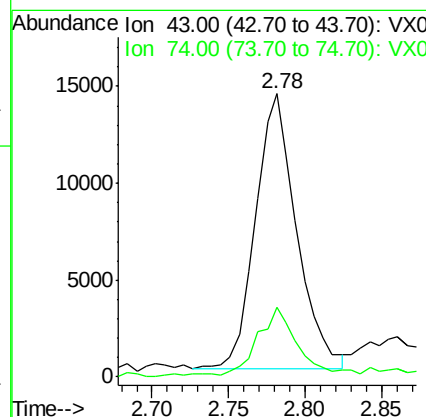
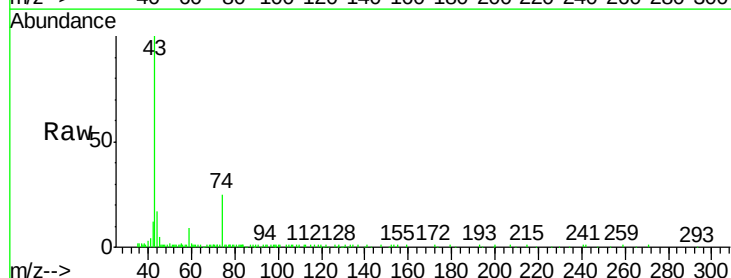
Instrument :
MSVOA_X
ClientSampled :

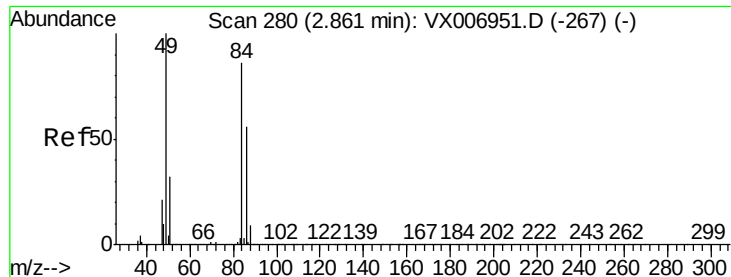
Tot Ion: 43 Resp: 67446
Ion Ratio Lower Upper
43 100
58 30.5 25.0 37.6



#18
Methyl Acetate
Concen: 3.286 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX007248.D
Acq: 25 Jan 2019 23:48

Tgt Ion: 43 Resp: 26444
Ion Ratio Lower Upper
43 100
74 24.4 18.6 28.0





#20

Methylene Chloride

Concen: 75.689 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.00 min

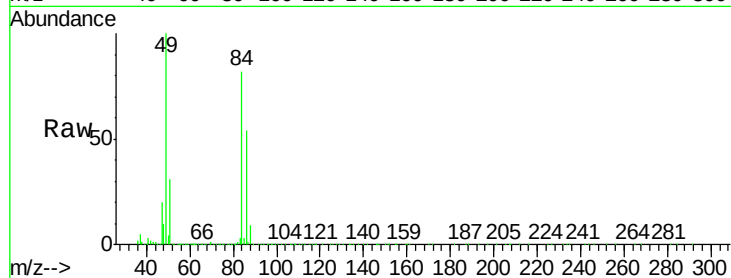
Lab File: VX007248.D

Acq: 25 Jan 2019 23:48

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 84 Resp: 398515

Ion	Ratio	Lower	Upper
84	100		
49	122.5	91.8	137.6
51	38.0	28.5	42.7
86	65.7	50.2	75.2

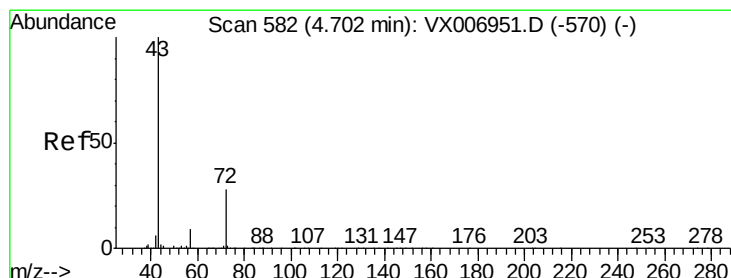
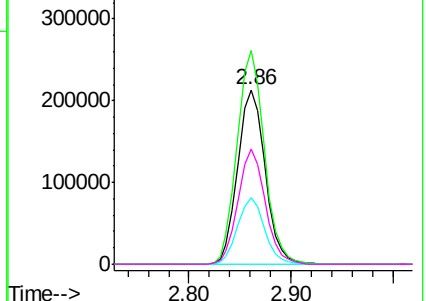
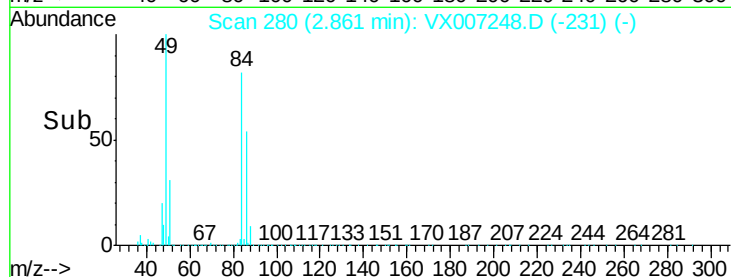


Abundance Ion 83.90 (83.60 to 84.60): VX0

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



#25

2-Butanone

Concen: 3.884 ug/l

RT: 4.70 min Scan# 581

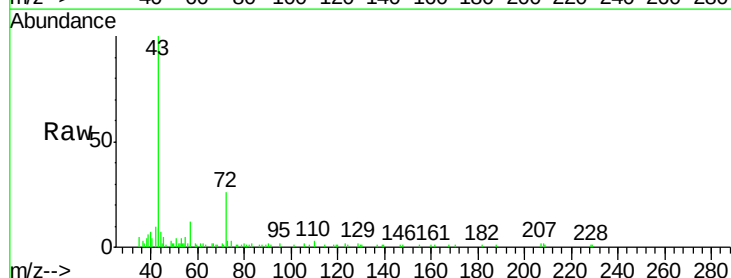
Delta R.T. -0.01 min

Lab File: VX007248.D

Acq: 25 Jan 2019 23:48

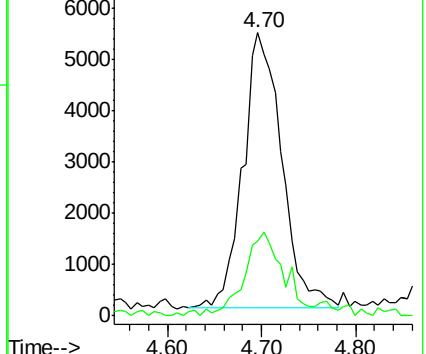
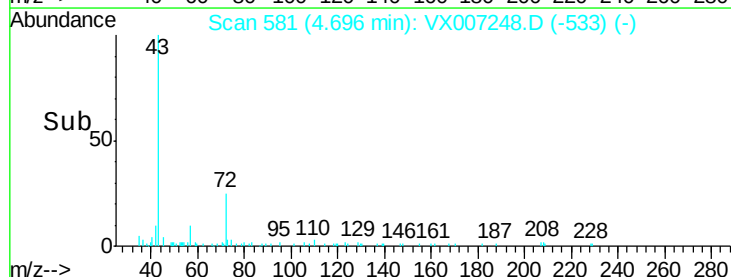
Tgt Ion: 43 Resp: 15445

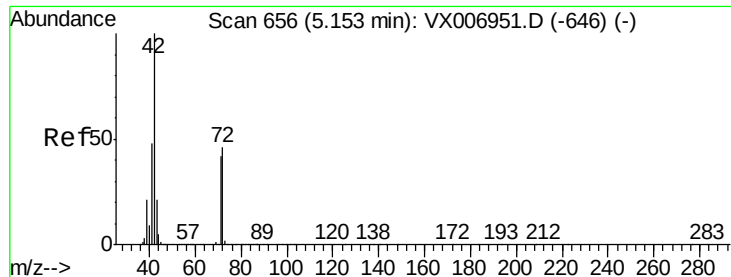
Ion	Ratio	Lower	Upper
43	100		
72	25.7	22.4	33.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

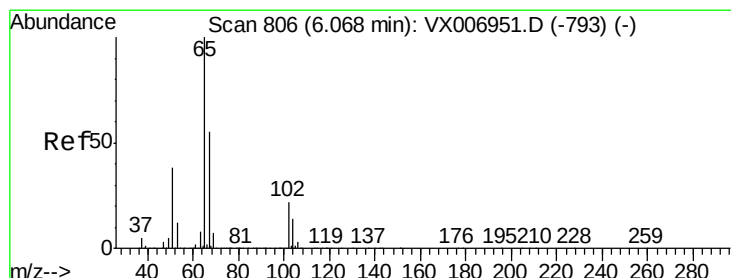
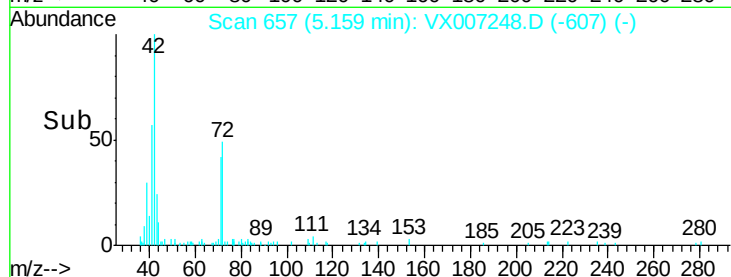
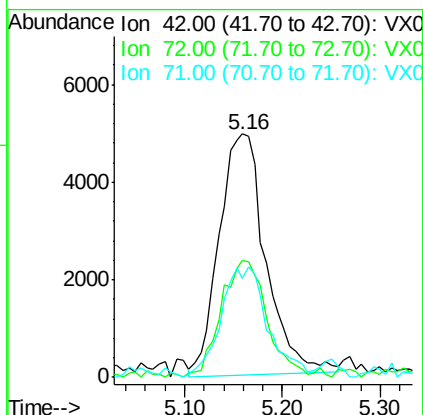
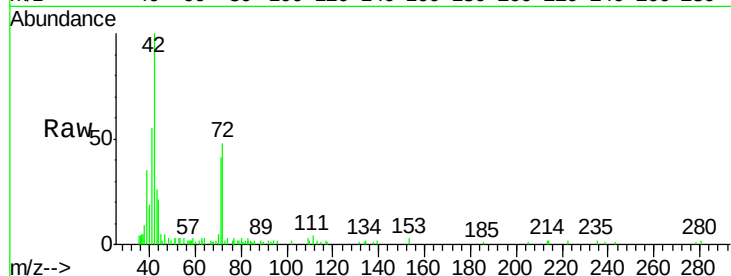




#29
Tetrahydrofuran
Concen: 6.302 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX007248.D
Acq: 25 Jan 2019 23:48

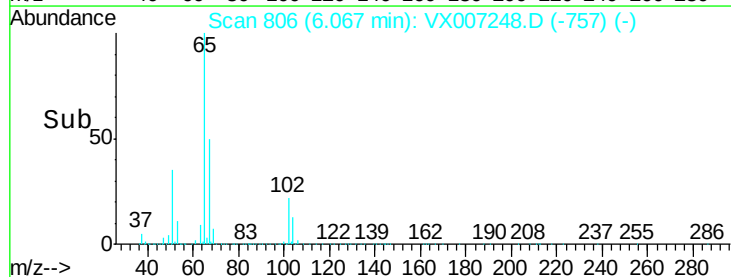
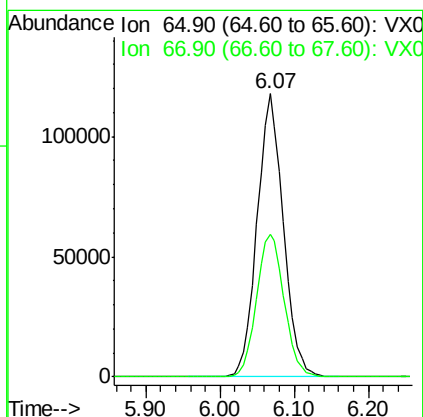
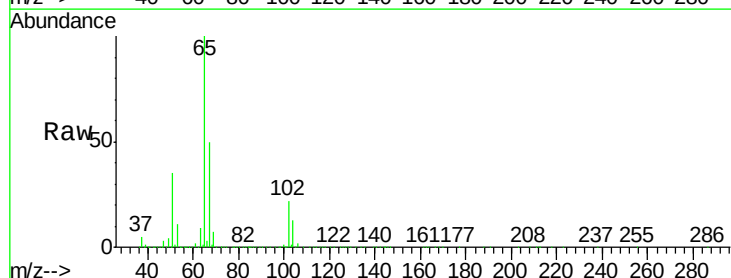
Instrument :
MSVOA_X
ClientSampleId :

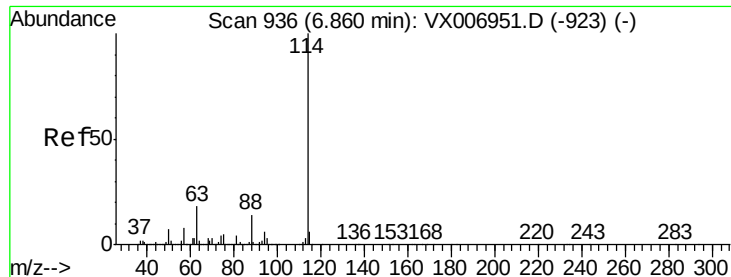
Tot Ion	Ratio	Lower	Upper
42	100		
72	47.8	38.9	58.3
71	46.0	36.2	54.4



#33
1,2-Dichloroethane-d4
Concen: 51.757 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX007248.D
Acq: 25 Jan 2019 23:48

Tgt Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	105.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007248.D

Acq: 25 Jan 2019 23:48

Instrument :

MSVOA_X

ClientSampleId :

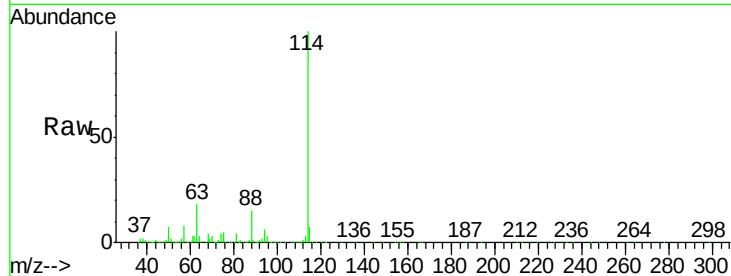
Tot Ion:114 Resp: 836135

Ion Ratio Lower Upper

114 100

63 18.4 0.0 34.8

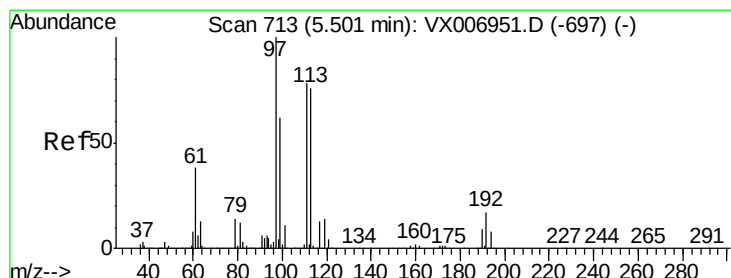
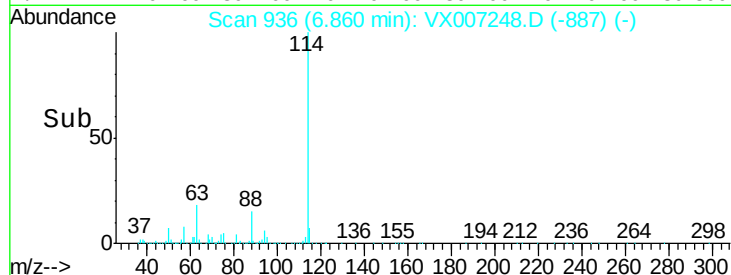
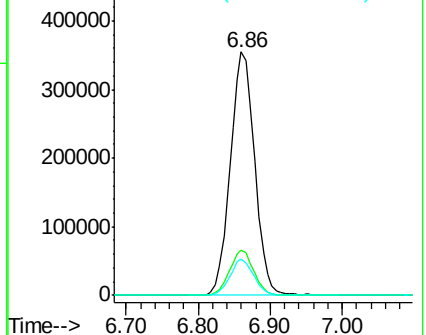
88 14.8 0.0 28.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 49.047 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007248.D

Acq: 25 Jan 2019 23:48

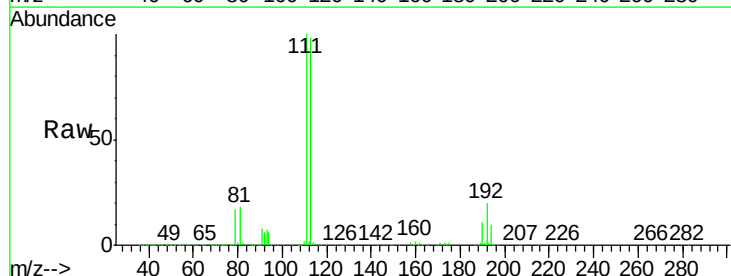
Tgt Ion:113 Resp: 262627

Ion Ratio Lower Upper

113 100

111 101.0 81.6 122.4

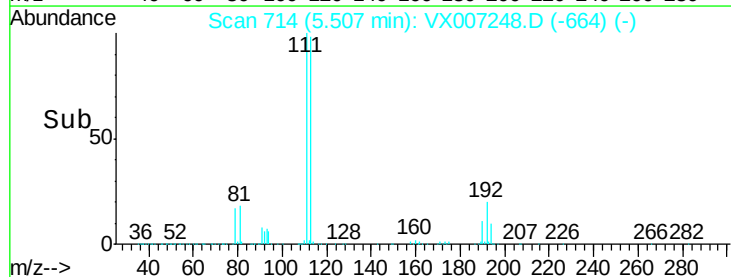
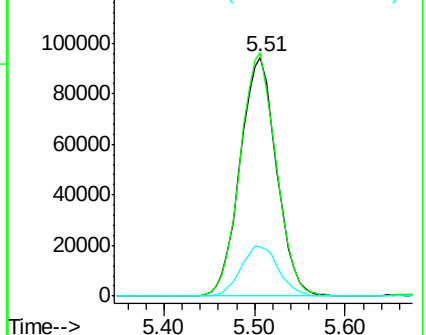
192 21.7 16.7 25.1

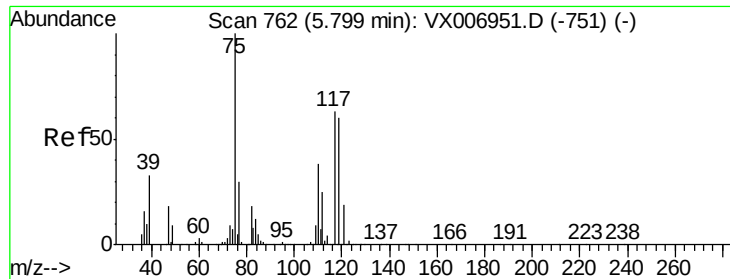


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

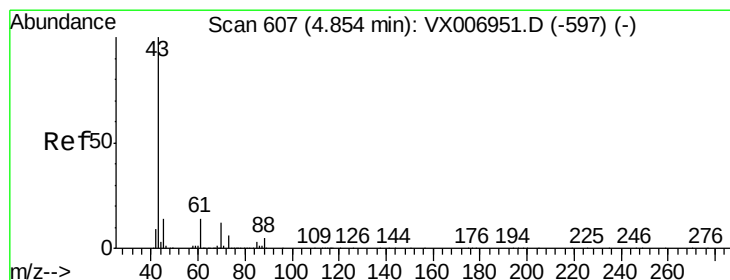
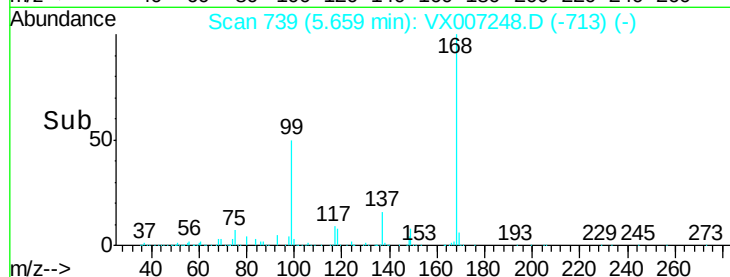
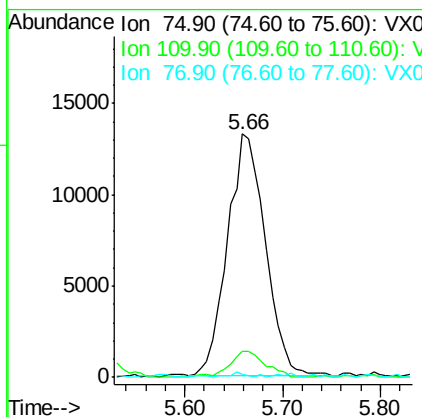
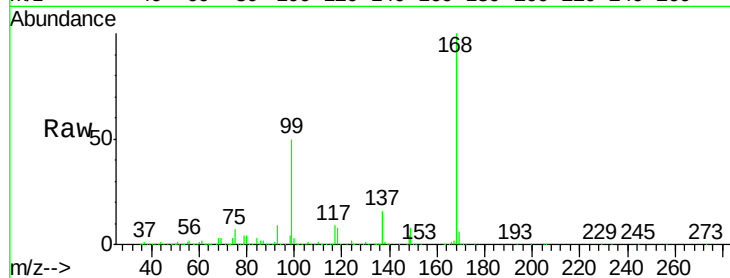




#36
 1,1-Dichloropropene
 Concen: 4.883 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX007248.D
 Acq: 25 Jan 2019 23:48

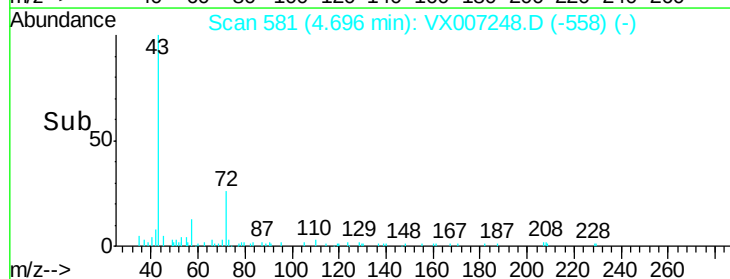
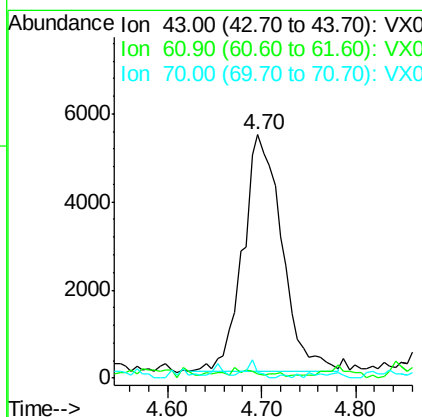
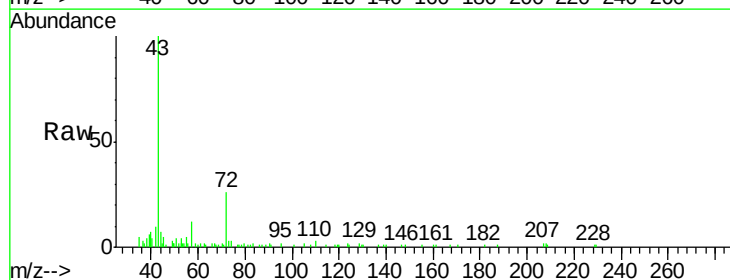
Instrument :
 MSVOA_X
 ClientSampleId :

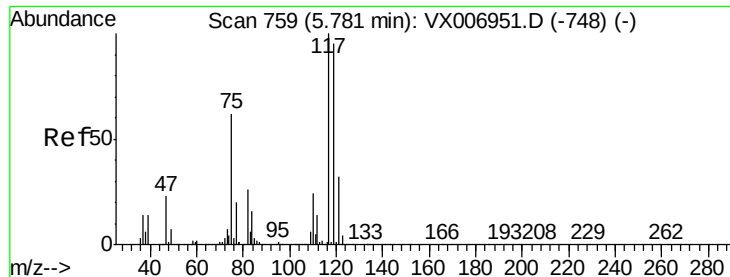
Tot Ion	Ratio	Lower	Upper
75	100		
110	10.2	20.2	60.5#
77	0.9	24.8	37.2#



#37
 Ethyl Acetate
 Concen: 1.982 ug/l
 RT: 4.70 min Scan# 581
 Delta R.T. -0.16 min
 Lab File: VX007248.D
 Acq: 25 Jan 2019 23:48

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.9	17.9#
70	2.5	9.7	14.5#





#38

Carbon Tetrachloride

Concen: 6.534 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX007248.D

Acq: 25 Jan 2019 23:48

Instrument :

MSVOA_X

ClientSampleId :

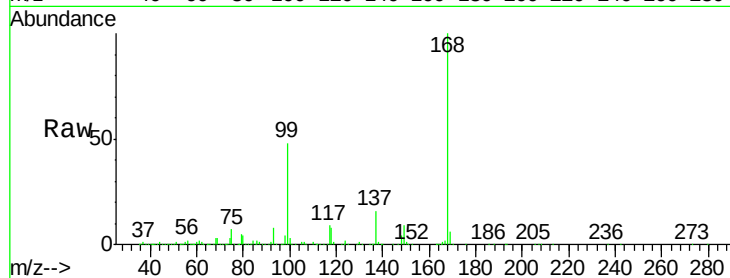
Tot Ion:117 Resp: 47788

Ion Ratio Lower Upper

117 100

119 7.4 79.4 119.2#

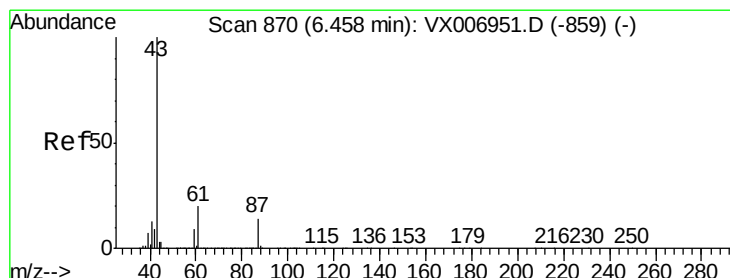
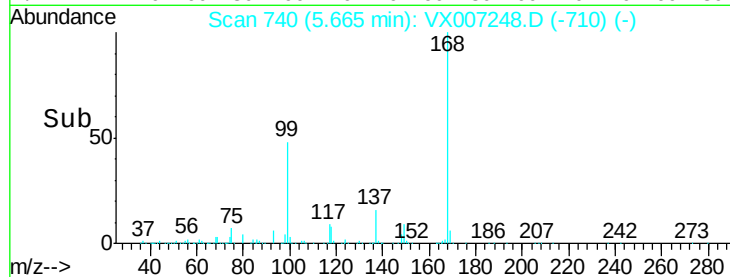
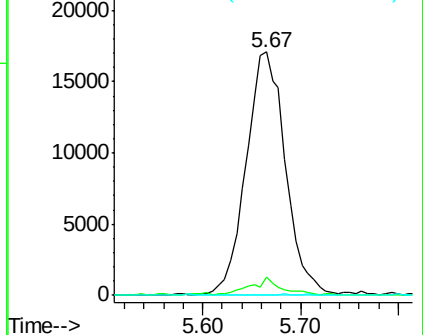
121 0.0 24.0 36.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#43

Isopropyl Acetate

Concen: 2.230 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX007248.D

Acq: 25 Jan 2019 23:48

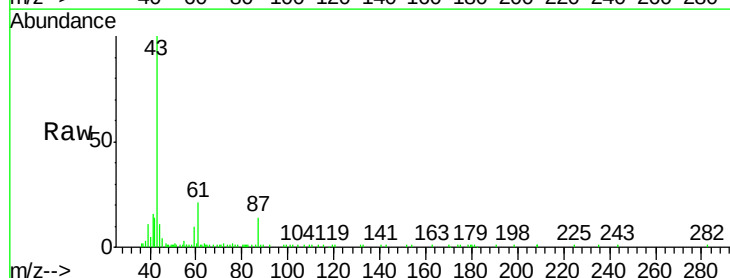
Tgt Ion: 43 Resp: 27414

Ion Ratio Lower Upper

43 100

61 21.2 16.8 25.2

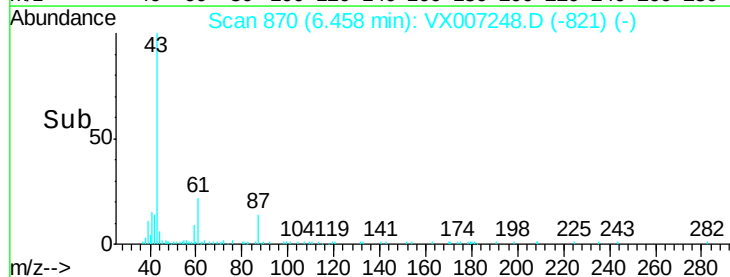
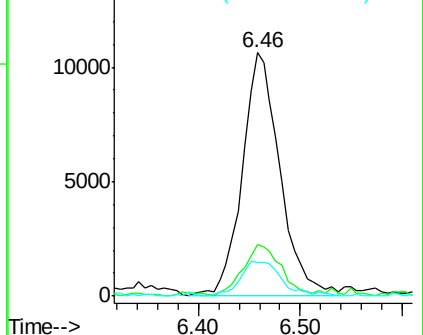
87 15.1 12.4 18.6

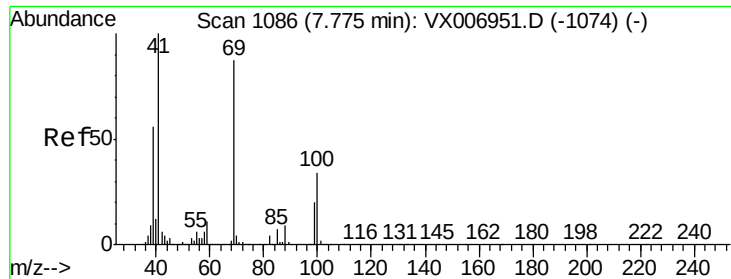


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

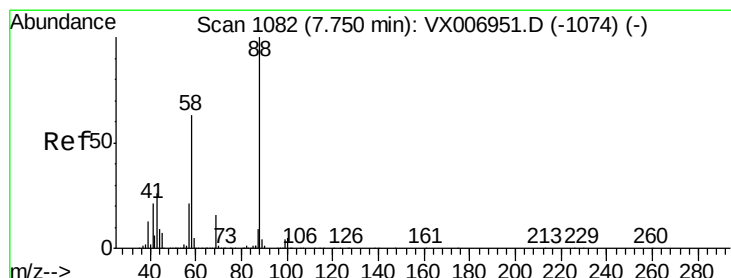
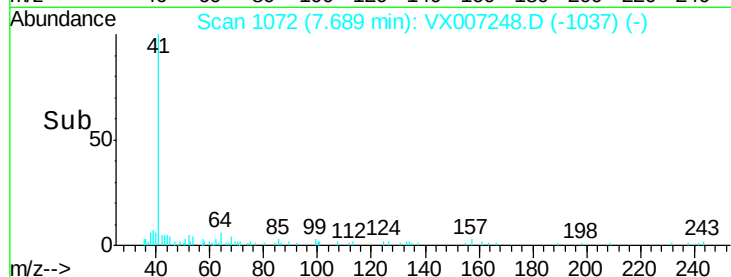
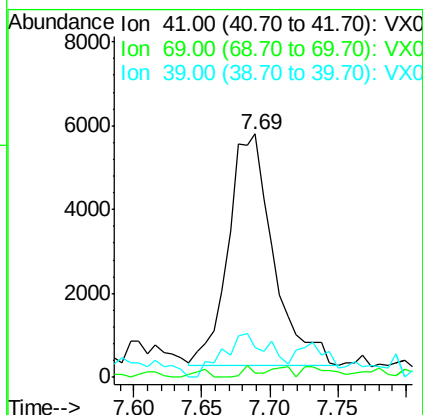
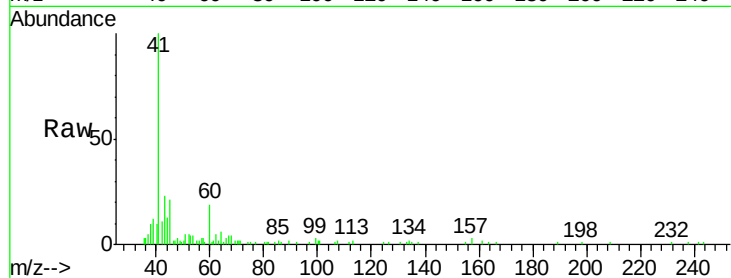




#48
Methvl methacrylate
Concen: 2.012 ug/l
RT: 7.69 min Scan# 1072
Delta R.T. -0.09 min
Lab File: VX007248.D
Acq: 25 Jan 2019 23:48

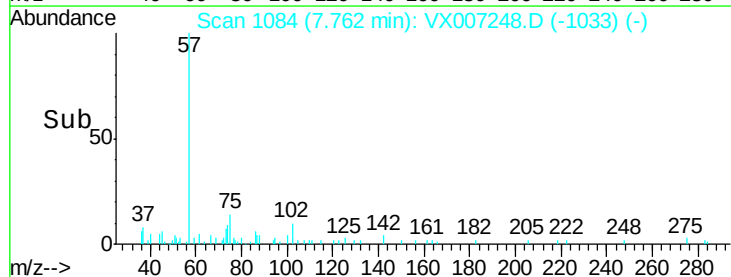
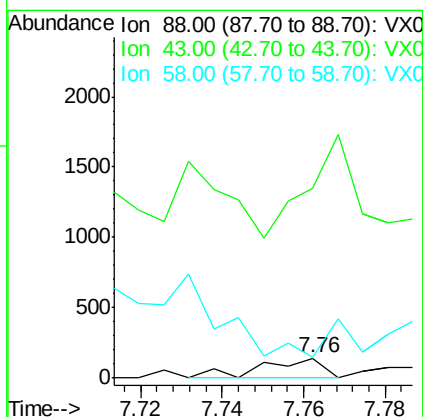
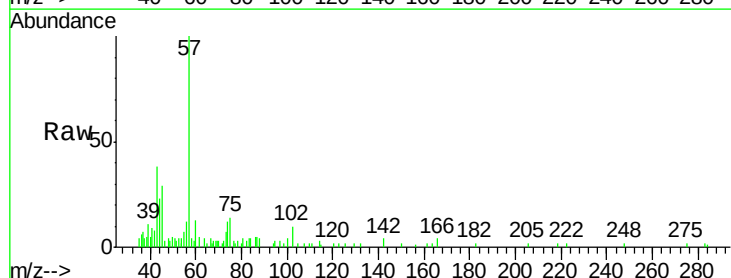
Instrument :
MSVOA_X
ClientSampleId :

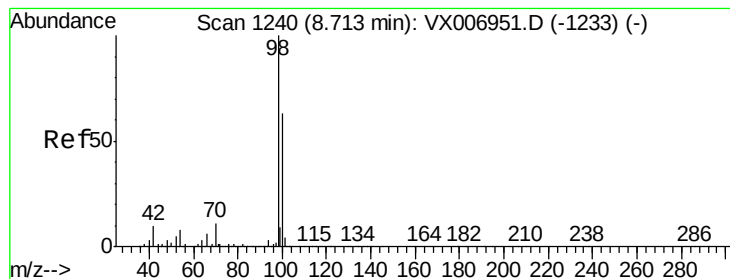
Tot Ion	Ratio	Lower	Upper
41	100		
69	1.2	72.4	108.6#
39	0.0	45.8	68.8#



#49
1,4-Dioxane
Concen: Below Cal
RT: 7.76 min Scan# 1084
Delta R.T. 0.01 min
Lab File: VX007248.D
Acq: 25 Jan 2019 23:48

Tgt Ion	Ratio	Lower	Upper
88	100		
43	0.0	22.2	33.4#
58	0.0	51.0	76.4#





#50

Toluene-d8

Concen: 52.051 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007248.D

Acq: 25 Jan 2019 23:48

Instrument :

MSVOA_X

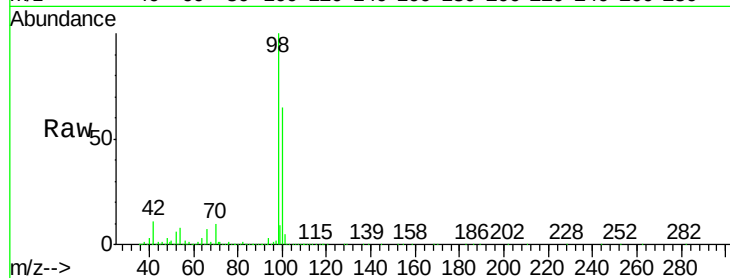
ClientSampleId :

Tot Ion: 98 Resp: 1020171

Ion Ratio Lower Upper

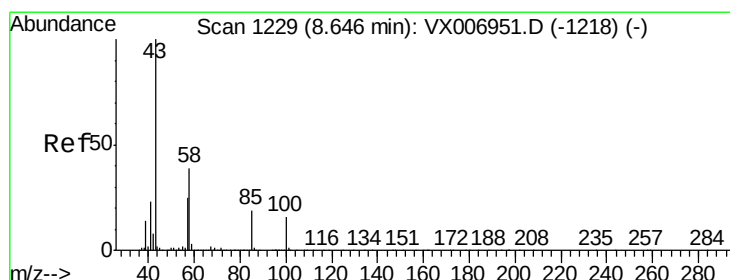
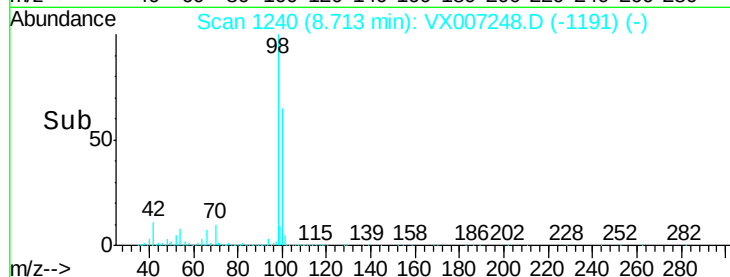
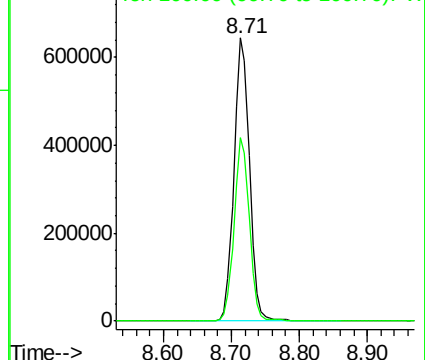
98 100

100 63.8 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#51

4-Methyl-2-Pentanone

Concen: 17.908 ug/l

RT: 8.62 min Scan# 1224

Delta R.T. -0.03 min

Lab File: VX007248.D

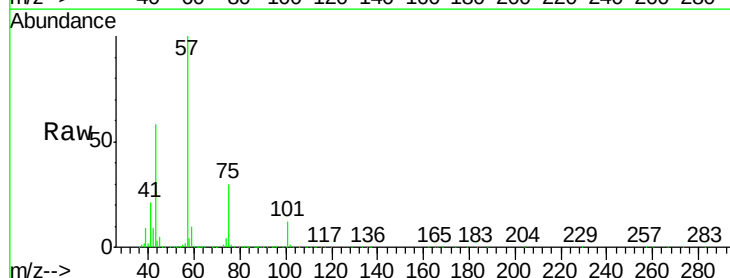
Acq: 25 Jan 2019 23:48

Tgt Ion: 43 Resp: 141484

Ion Ratio Lower Upper

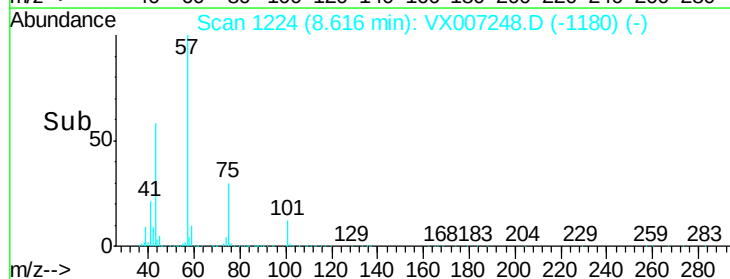
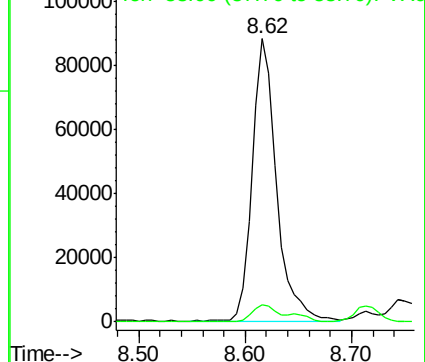
43 100

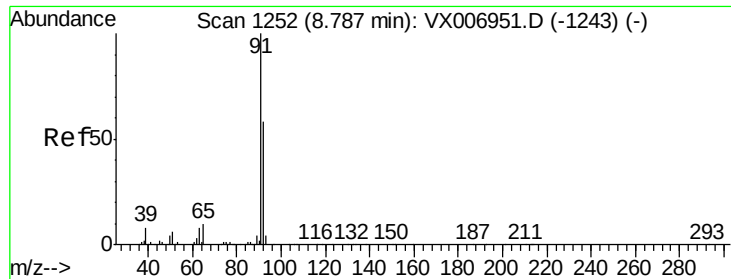
58 8.6 31.8 47.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#52

Toluene

Concen: 3.356 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX007248.D

Acq: 25 Jan 2019 23:48

Instrument :

MSVOA_X

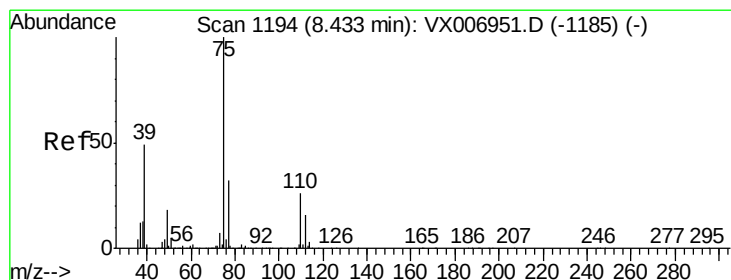
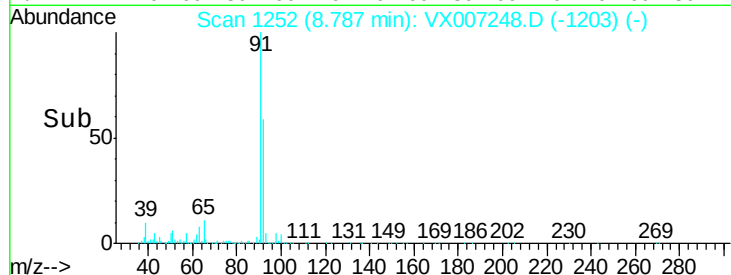
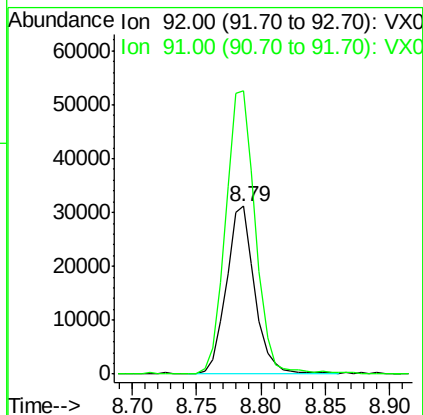
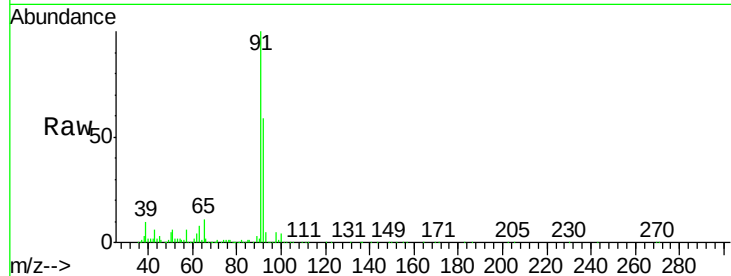
ClientSampled :

Tot Ion: 92 Resp: 47844

Ion Ratio Lower Upper

92 100

91 176.9 137.6 206.4



#54

cis-1,3-Dichloropropene

Concen: 8.361 ug/l

RT: 8.62 min Scan# 1224

Delta R.T. 0.18 min

Lab File: VX007248.D

Acq: 25 Jan 2019 23:48

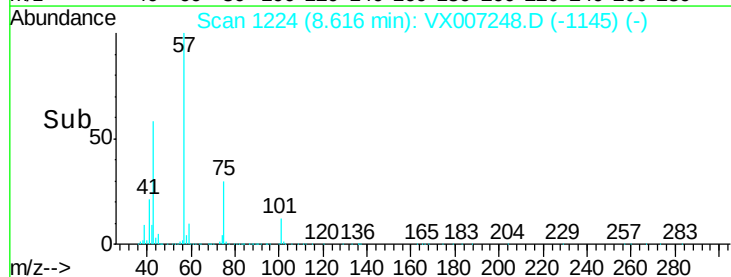
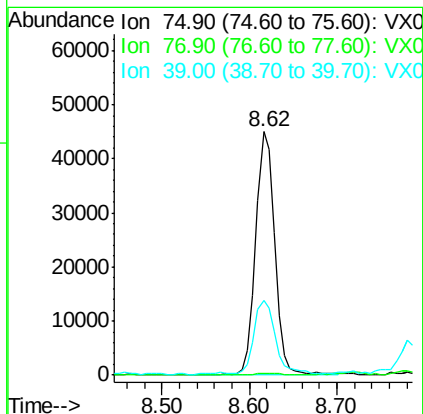
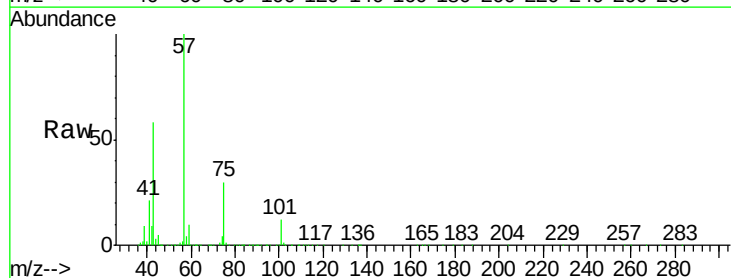
Tgt Ion: 75 Resp: 68298

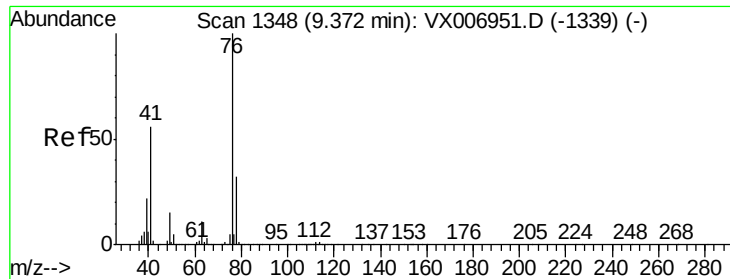
Ion Ratio Lower Upper

75 100

77 0.6 26.2 39.2#

39 30.7 36.7 55.1#

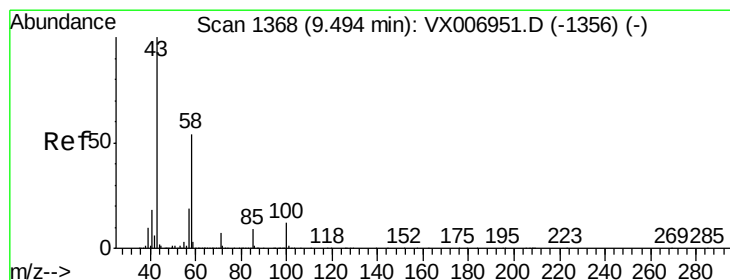
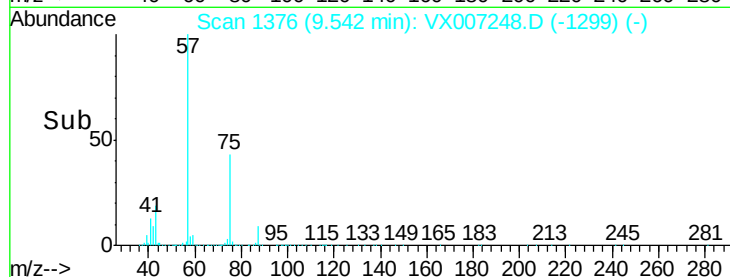
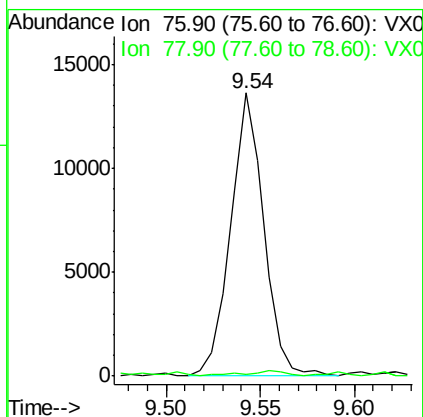
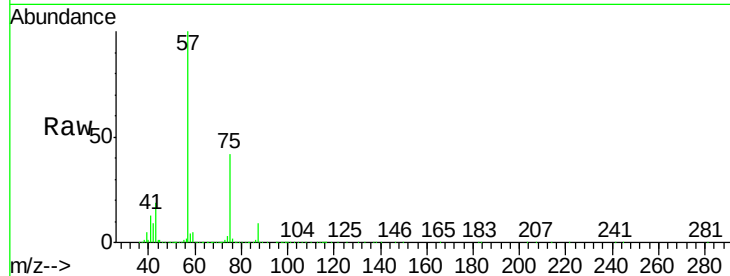




#57
 1,3-Dichloropropane
 Concen: 1.780 ug/l
 RT: 9.54 min Scan# 1376
 Delta R.T. 0.17 min
 Lab File: VX007248.D
 Acq: 25 Jan 2019 23:48

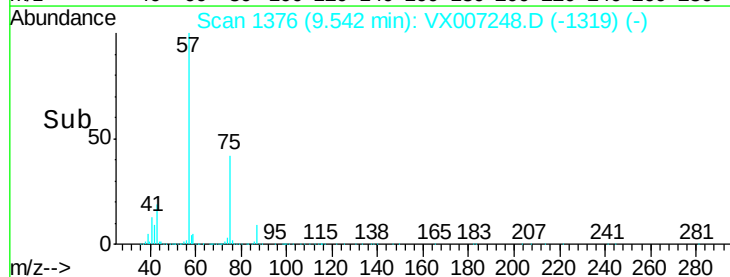
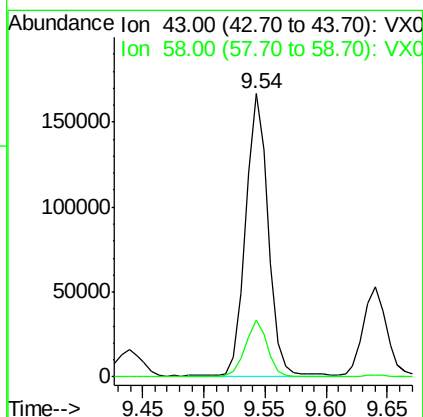
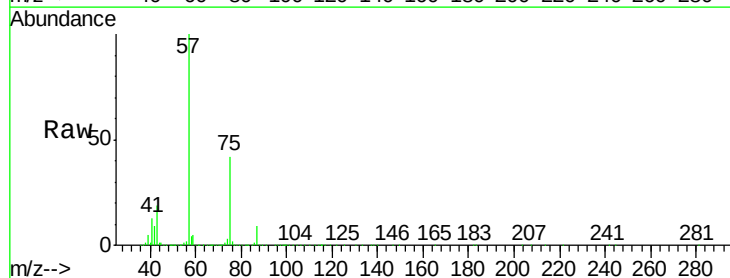
Instrument :
 MSVOA_X
 ClientSampleId :

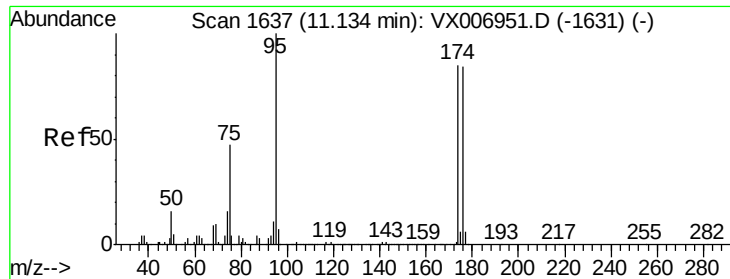
Tot Ion: 76 Resp: 16642
 Ion Ratio Lower Upper
 76 100
 78 2.5 26.0 39.0#



#59
 2-Hexanone
 Concen: 35.581 ug/l
 RT: 9.54 min Scan# 1376
 Delta R.T. 0.05 min
 Lab File: VX007248.D
 Acq: 25 Jan 2019 23:48

Tgt Ion: 43 Resp: 214219
 Ion Ratio Lower Upper
 43 100
 58 20.0 27.7 83.1#





#62

4-Bromofluorobenzene

Concen: 53.855 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007248.D

Acq: 25 Jan 2019 23:48

Instrument :

MSVOA_X

ClientSampleId :

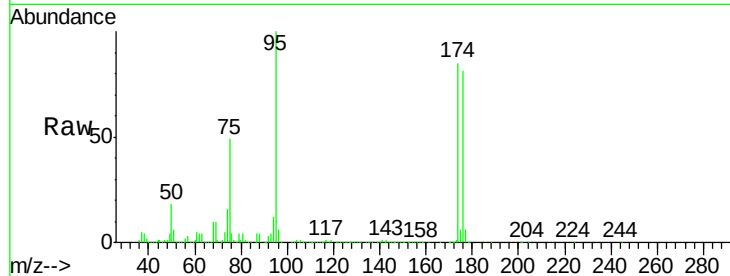
Tot Ion: 95 Resp: 367982

Ion Ratio Lower Upper

95 100

174 93.0 0.0 182.2

176 90.3 0.0 178.8

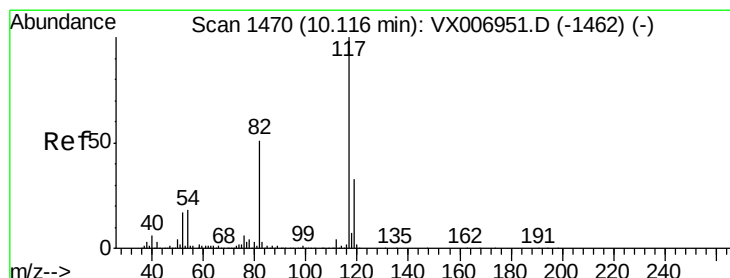
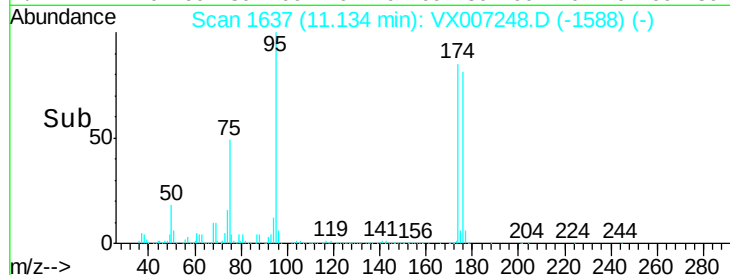


Abundance Ion 94.90 (94.60 to 95.60): VX006951.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX006951.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX006951.D (-1631) (-)

Time--> 11.00 11.10 11.20



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX007248.D

Acq: 25 Jan 2019 23:48

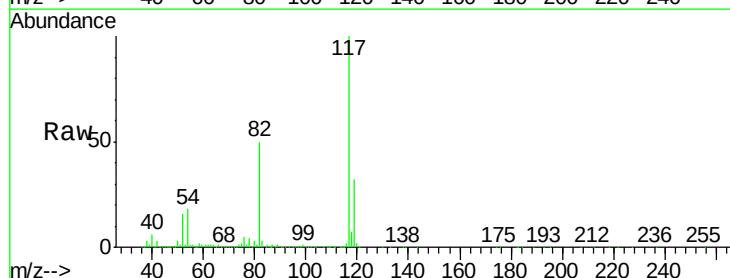
Tgt Ion: 117 Resp: 807714

Ion Ratio Lower Upper

117 100

82 49.7 41.0 61.6

119 31.8 25.4 38.0

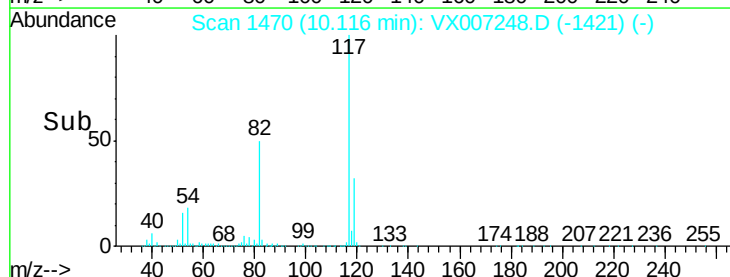


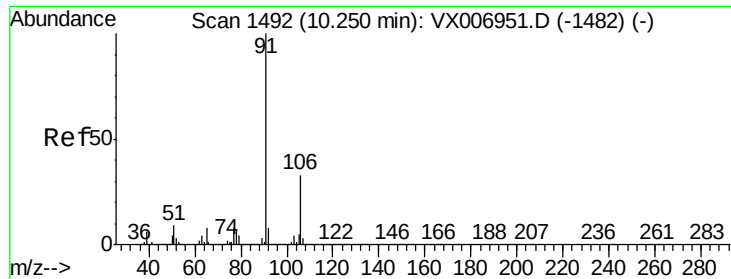
Abundance Ion 116.90 (116.60 to 117.60): VX006951.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX006951.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX006951.D (-1462) (-)

Time--> 10.00 10.10 10.20





#67

Ethyl Benzene

Concen: 1.898 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX007248.D

Acq: 25 Jan 2019 23:48

Instrument :

MSVOA_X

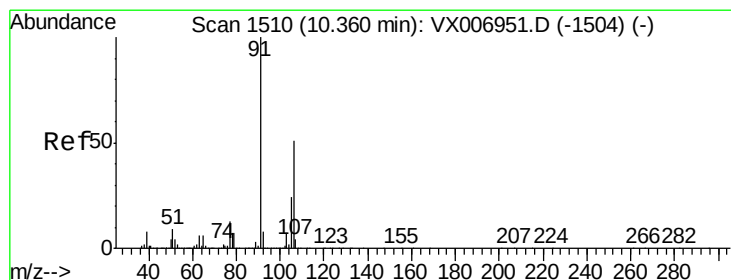
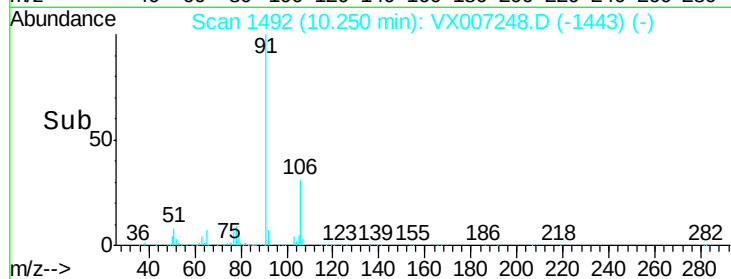
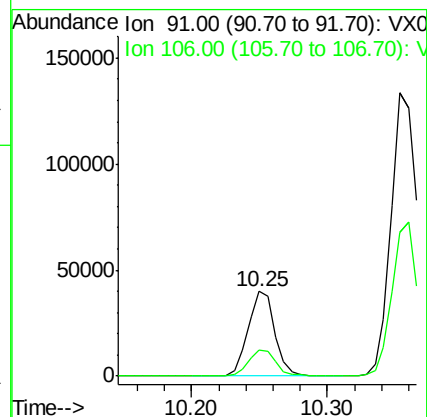
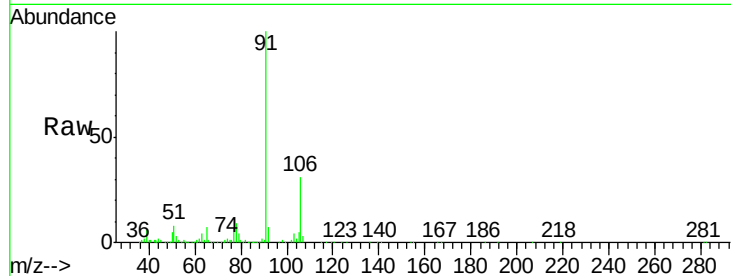
ClientSampled :

Tot Ion: 91 Resp: 55209

Ion Ratio Lower Upper

91 100

106 30.8 26.4 39.6



#68

m/p-Xylenes

Concen: 8.451 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007248.D

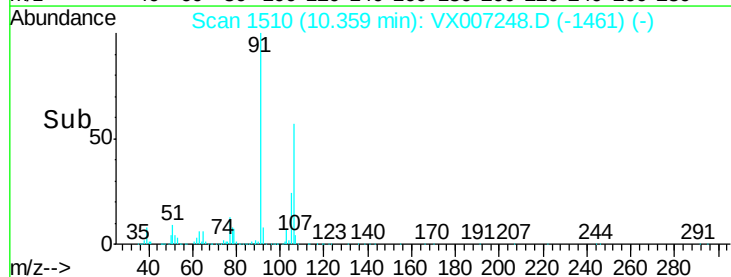
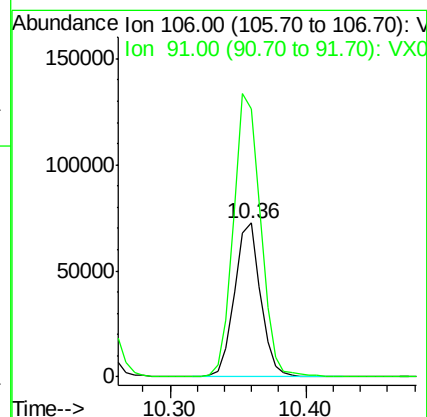
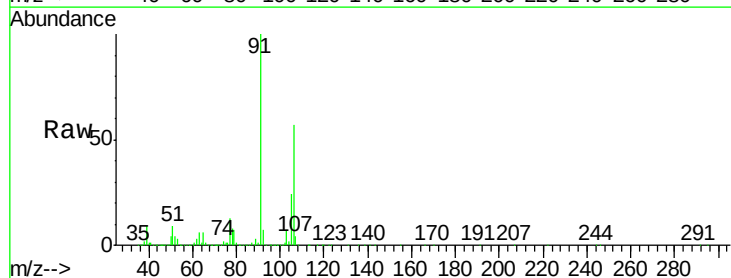
Acq: 25 Jan 2019 23:48

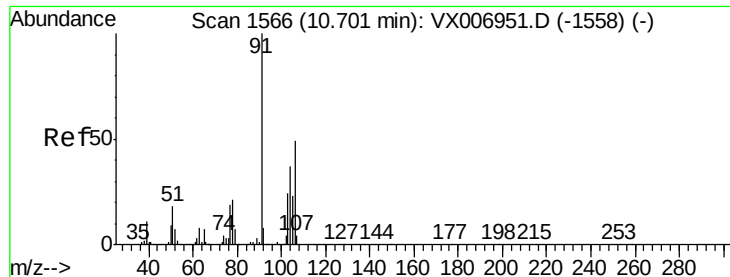
Tgt Ion: 106 Resp: 96829

Ion Ratio Lower Upper

106 100

91 191.3 155.8 233.6

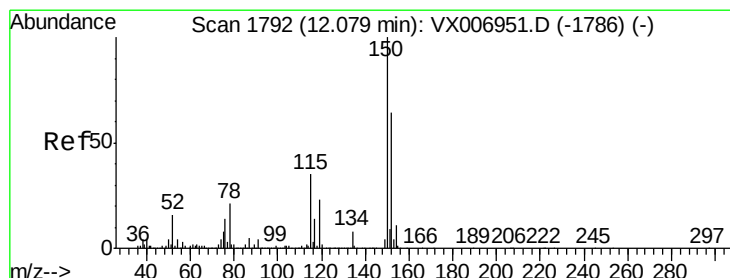
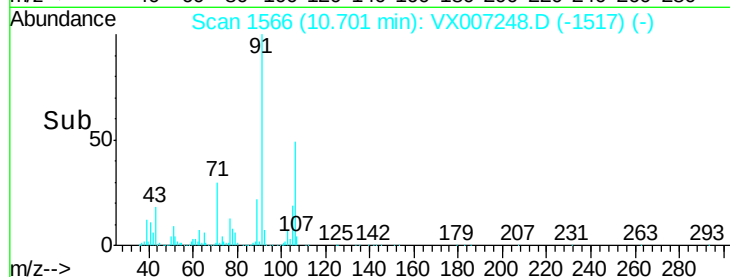
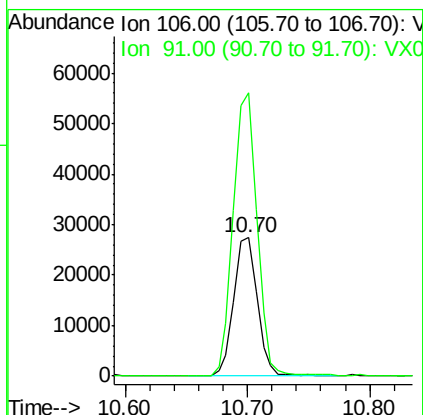
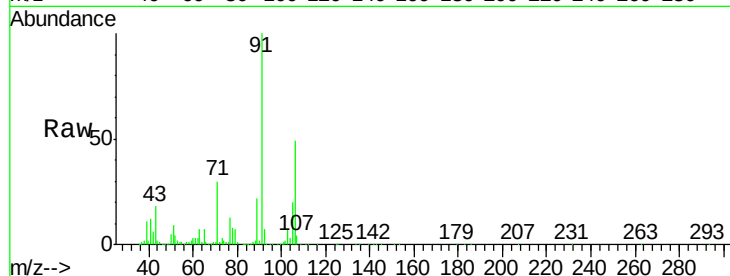




#69
o-Xylene
Concen: 3.305 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX007248.D
Acq: 25 Jan 2019 23:48

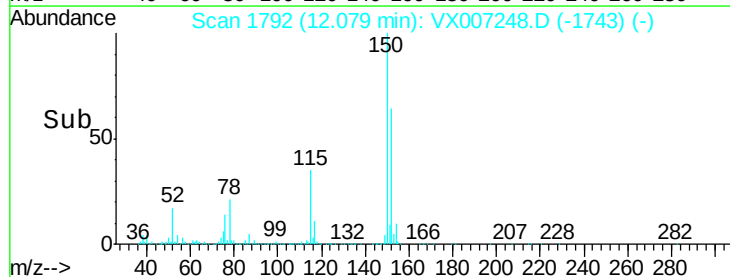
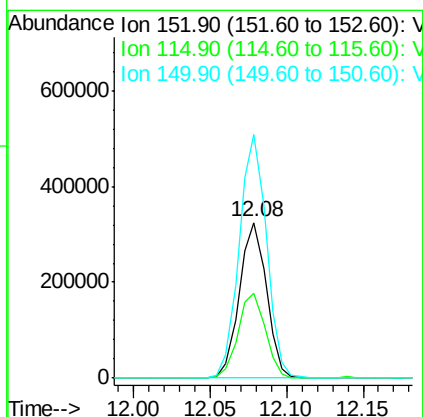
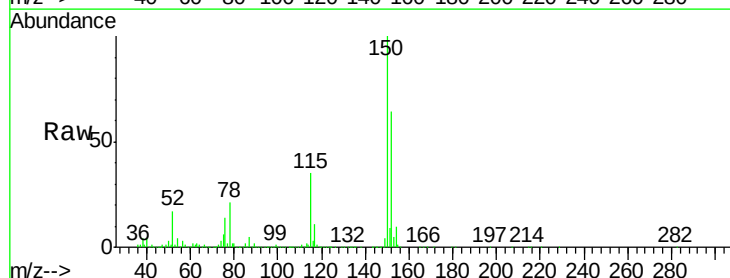
Instrument :
MSVOA_X
ClientSampleId :

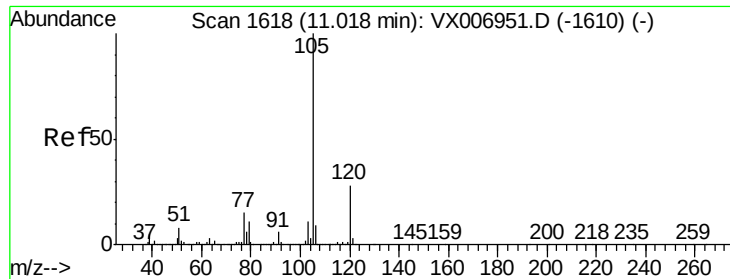
Tot Ion:106 Resp: 36933
Ion Ratio Lower Upper
106 100
91 205.2 101.3 303.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX007248.D
Acq: 25 Jan 2019 23:48

Tgt Ion:152 Resp: 399305
Ion Ratio Lower Upper
152 100
115 54.8 39.1 117.2
150 157.3 0.0 344.8





#73

Isopropylbenzene

Concen: 0.231 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007248.D

Acq: 25 Jan 2019 23:48

Instrument :

MSVOA_X

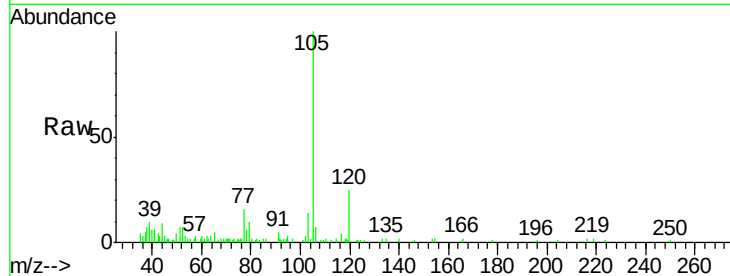
ClientSampleId :

Tot Ion:105 Resp: 6509

Ion Ratio Lower Upper

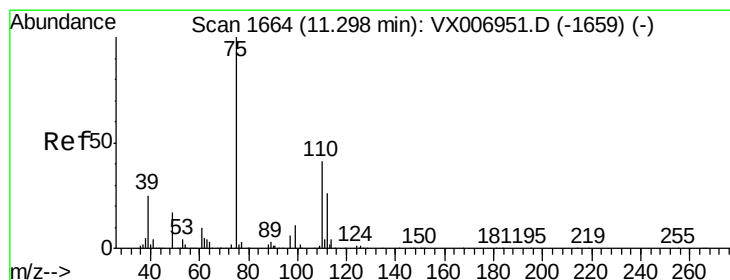
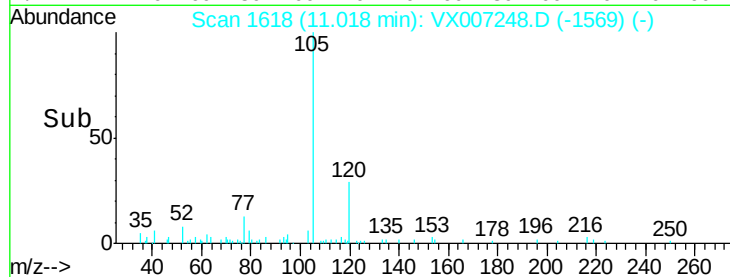
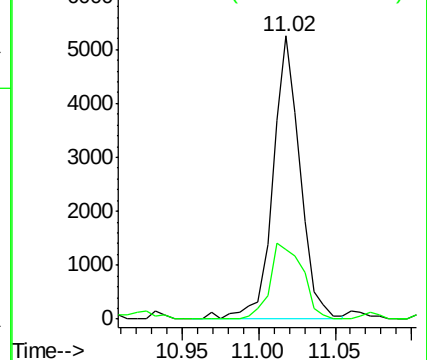
105 100

120 32.1 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

1,2,3-Trichloropropane

Concen: 21.817 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX007248.D

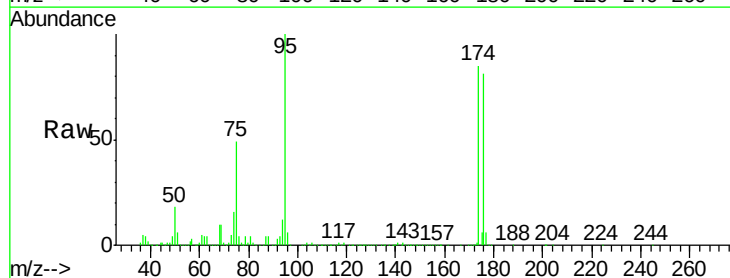
Acq: 25 Jan 2019 23:48

Tgt Ion: 75 Resp: 176535

Ion Ratio Lower Upper

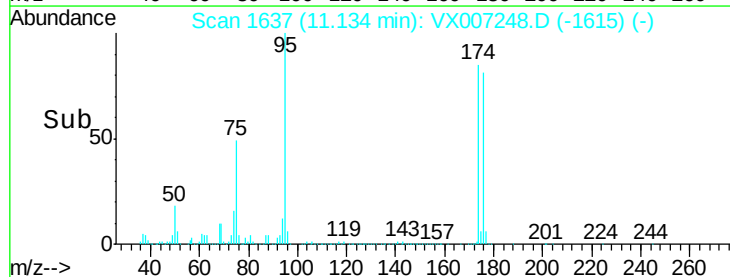
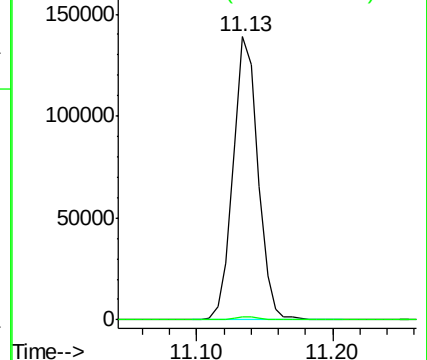
75 100

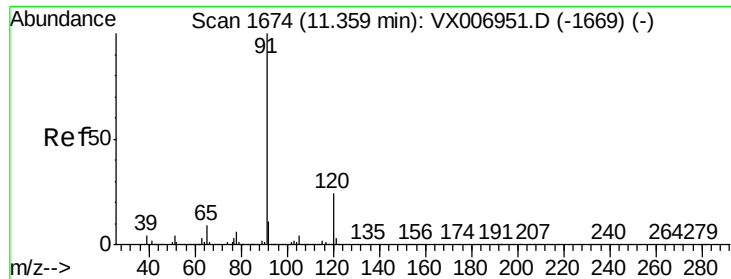
77 1.1 18.5 55.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 1.047 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007248.D

Acq: 25 Jan 2019 23:48

Instrument :

MSVOA_X

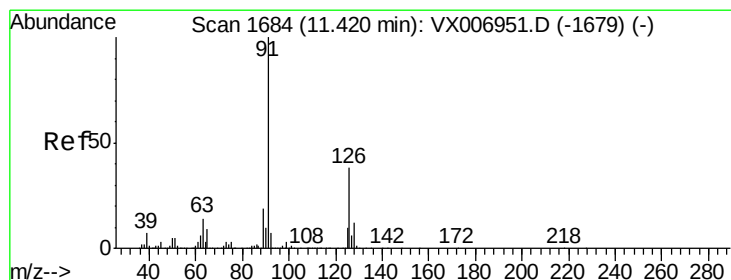
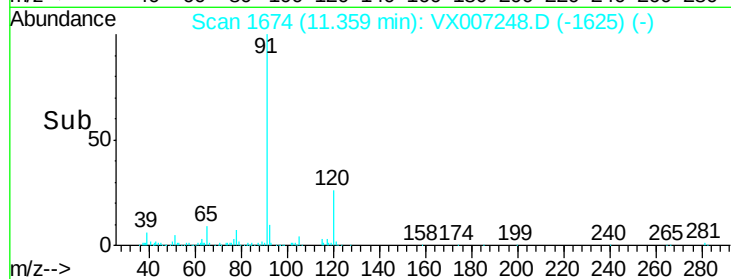
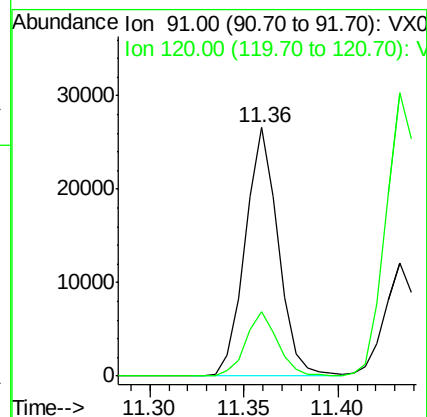
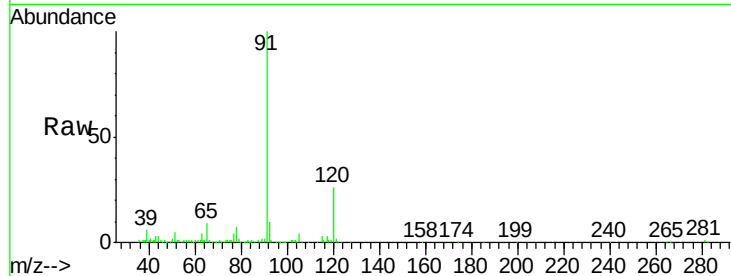
ClientSampleId :

Tot Ion: 91 Resp: 32367

Ion Ratio Lower Upper

91 100

120 25.1 12.7 38.0



#79

2-Chlorotoluene

Concen: 1.040 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX007248.D

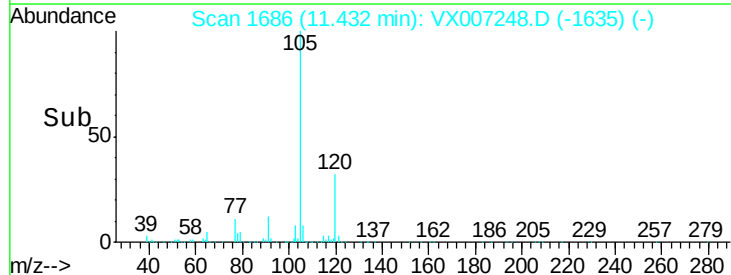
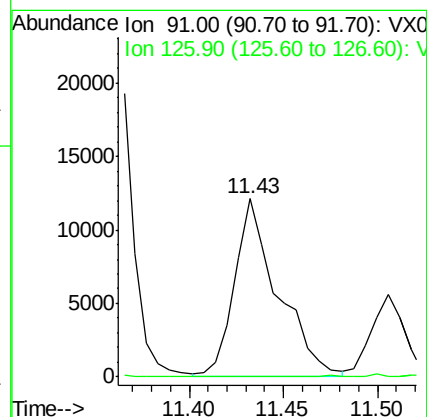
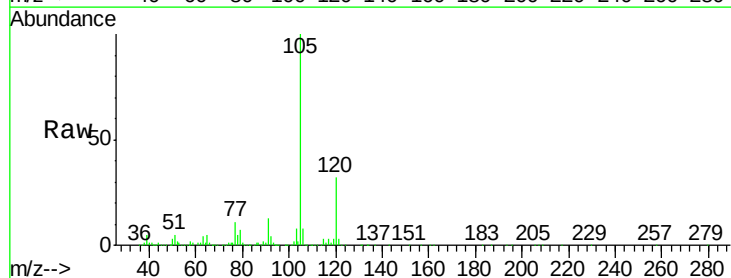
Acq: 25 Jan 2019 23:48

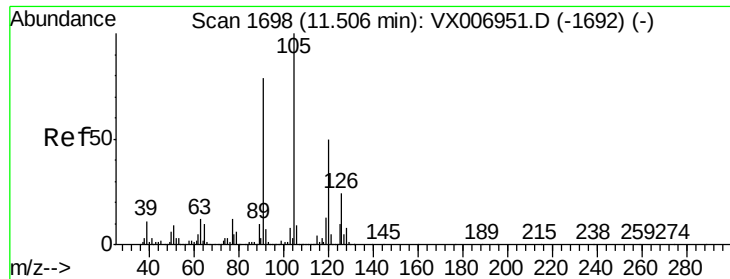
Tgt Ion: 91 Resp: 19357

Ion Ratio Lower Upper

91 100

126 0.0 18.6 56.0#





#80

1,3,5-Trimethylbenzene

Concen: 2.703 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007248.D

Acq: 25 Jan 2019 23:48

Instrument :

MSVOA_X

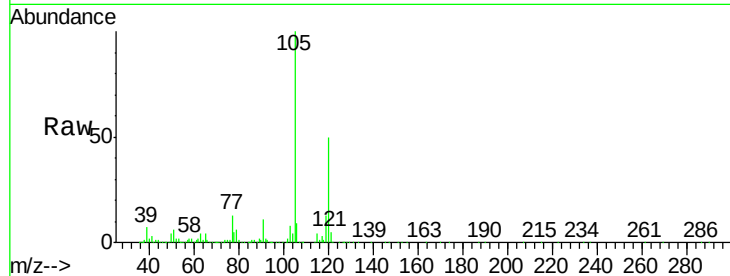
ClientSampleId :

Tot Ion:105 Resp: 63594

Ion Ratio Lower Upper

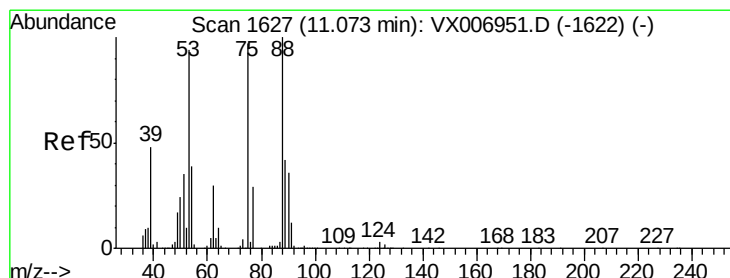
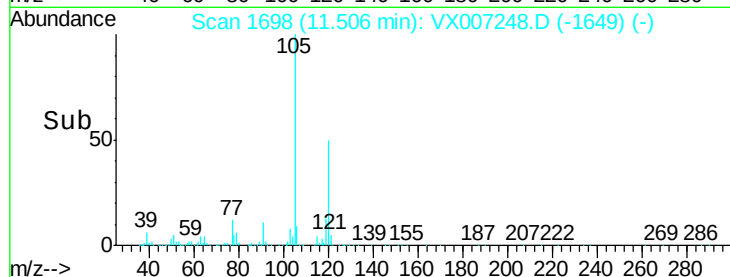
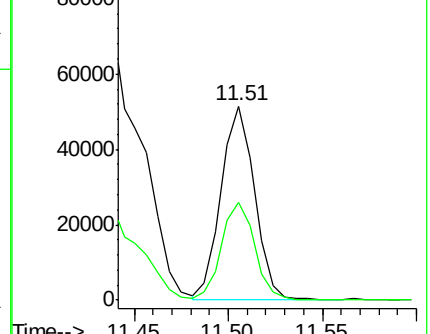
105 100

120 50.1 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 64.641 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX007248.D

Acq: 25 Jan 2019 23:48

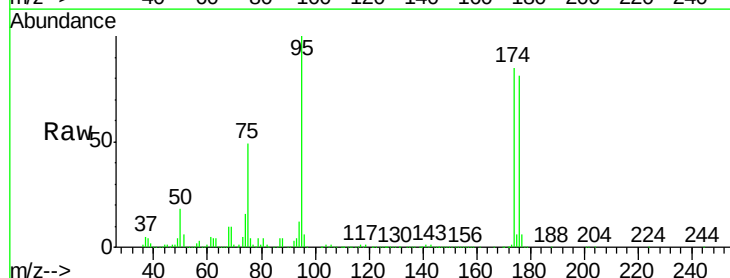
Tgt Ion: 75 Resp: 176535

Ion Ratio Lower Upper

75 100

53 0.2 79.7 119.5#

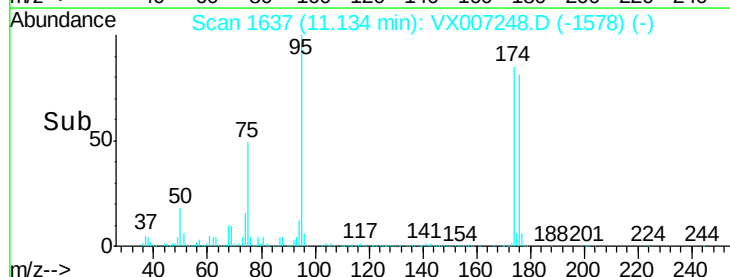
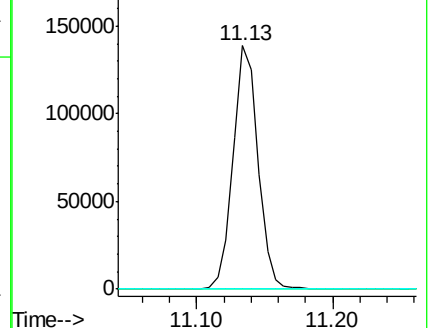
89 0.0 38.0 57.0#

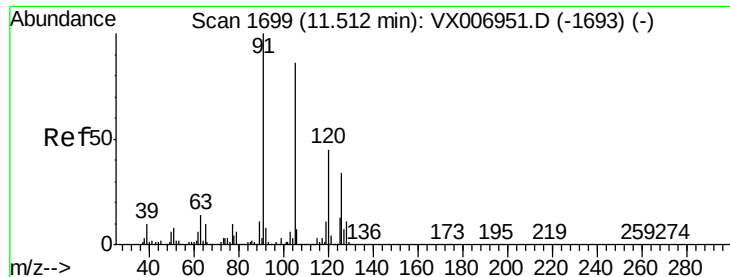


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0





#82

4-Chlorotoluene

Concen: 0.320 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX007248.D

Acq: 25 Jan 2019 23:48

Instrument :

MSVOA_X

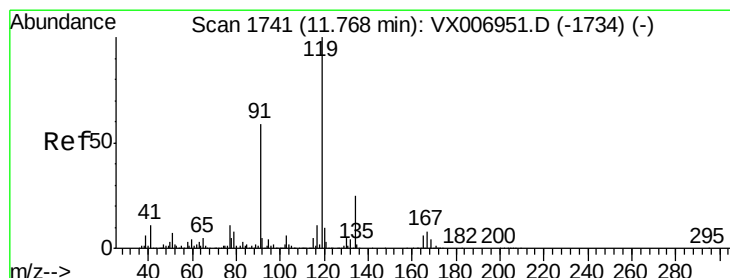
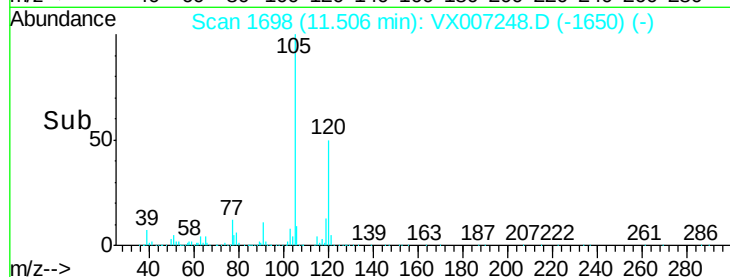
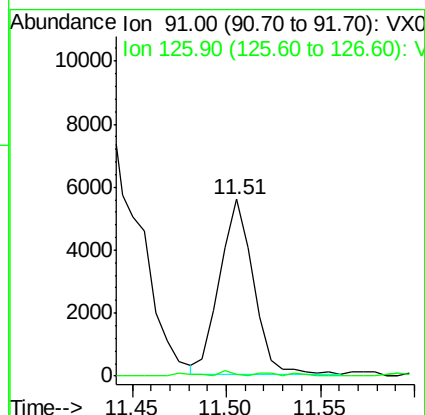
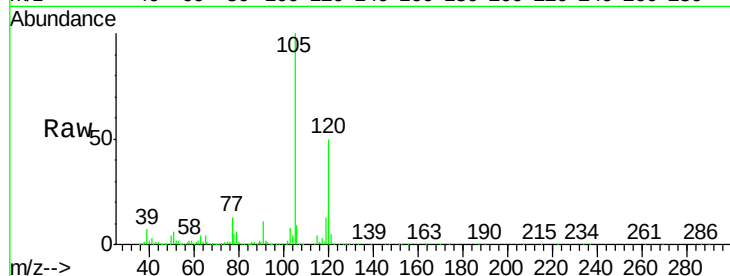
ClientSampleId :

Tot Ion: 91 Resp: 6888

Ion Ratio Lower Upper

91 100

126 1.4 16.3 48.9#



#83

tert-Butylbenzene

Concen: 1.162 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.04 min

Lab File: VX007248.D

Acq: 25 Jan 2019 23:48

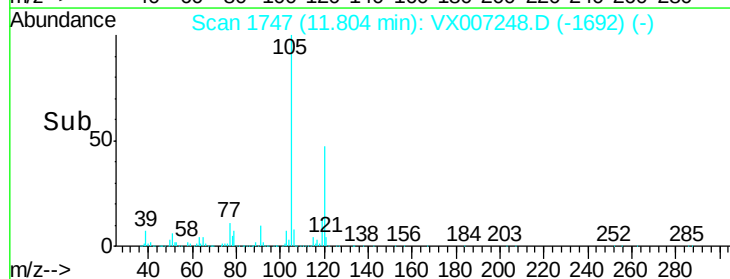
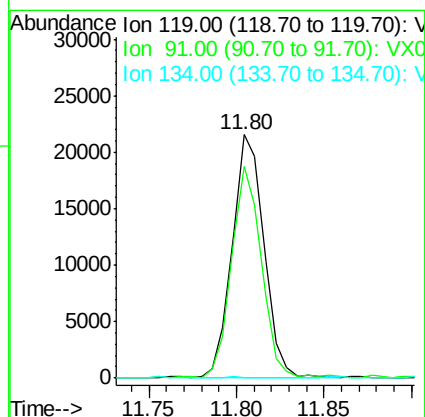
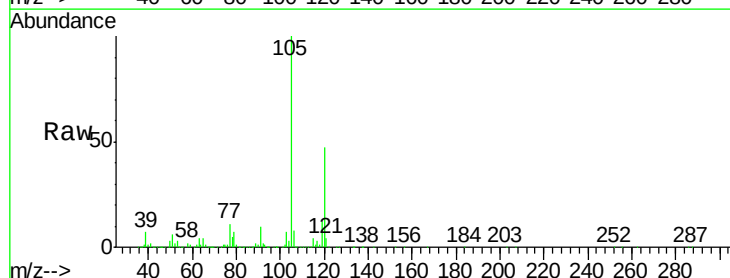
Tgt Ion: 119 Resp: 27283

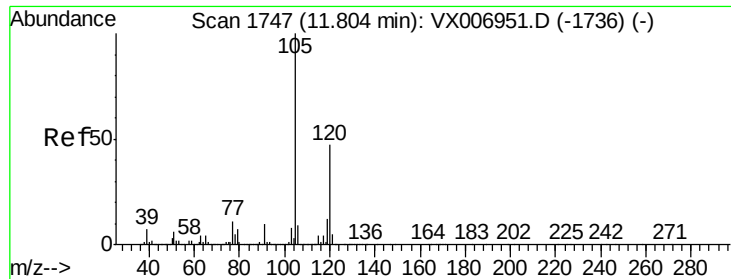
Ion Ratio Lower Upper

119 100

91 81.2 27.7 83.1

134 0.6 11.9 35.5#





#84

1,2,4-Trimethylbenzene

Concen: 9.227 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX007248.D

Acq: 25 Jan 2019 23:48

Instrument :

MSVOA_X

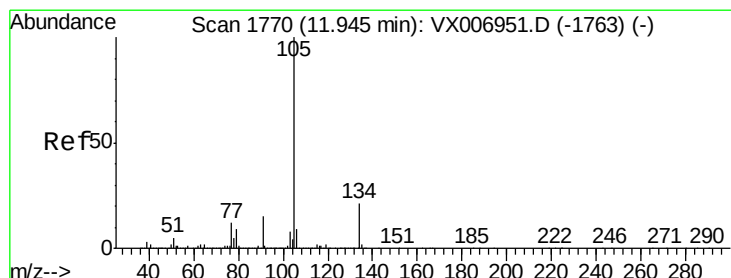
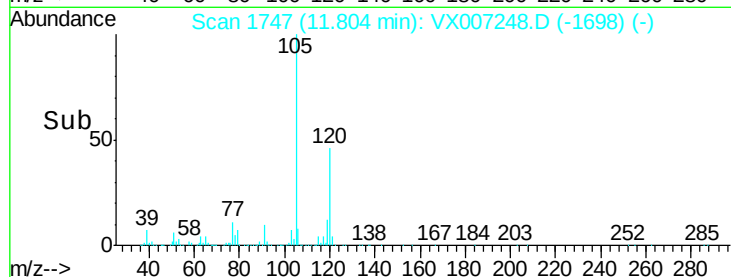
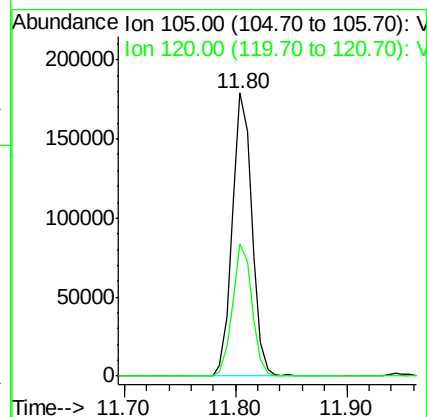
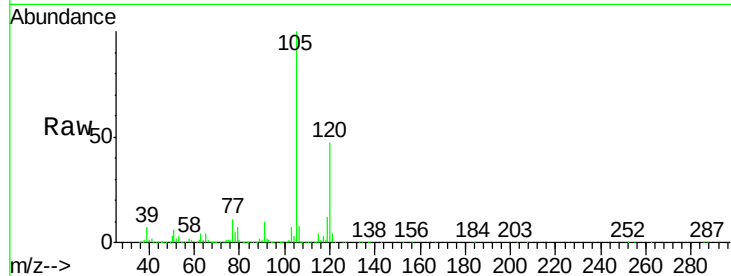
ClientSampleId :

Tot Ion:105 Resp: 218285

Ion Ratio Lower Upper

105 100

120 46.4 23.2 69.6



#85

sec-Butylbenzene

Concen: 7.787 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.14 min

Lab File: VX007248.D

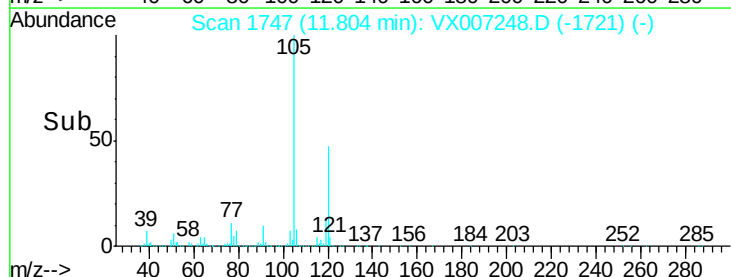
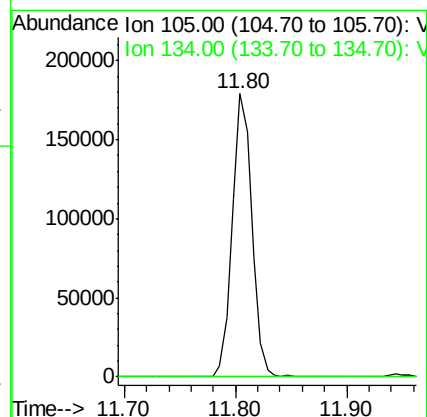
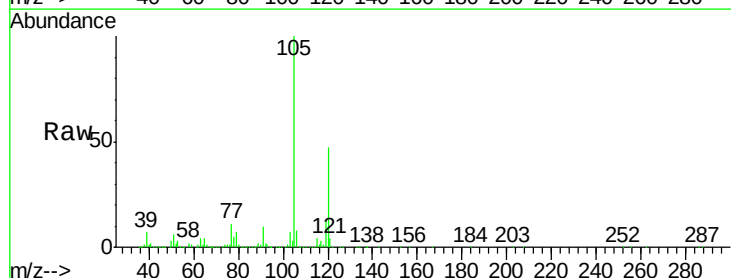
Acq: 25 Jan 2019 23:48

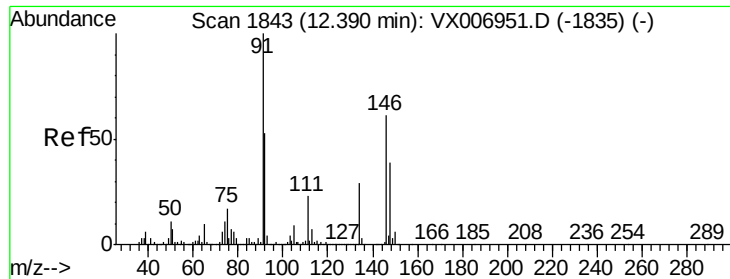
Tgt Ion:105 Resp: 218285

Ion Ratio Lower Upper

105 100

134 0.1 10.7 31.9#

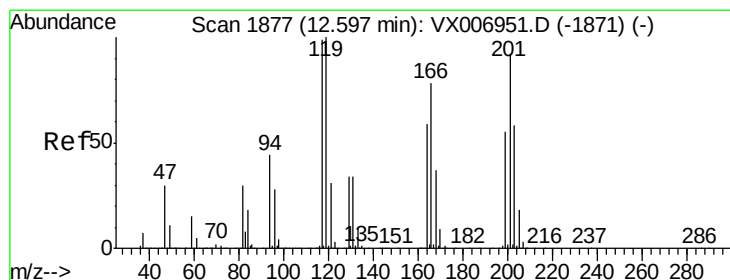
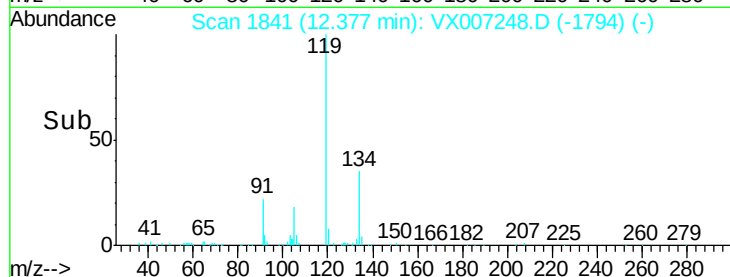
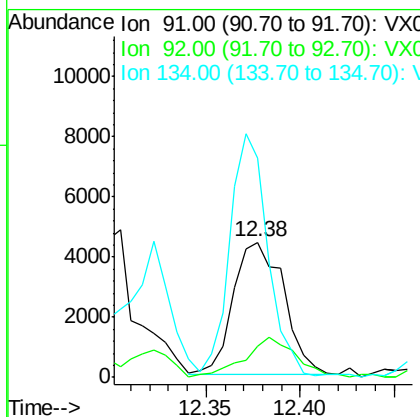
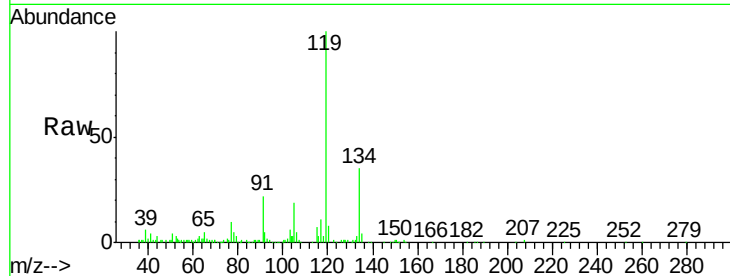




#89
n-Butylbenzene
Concen: 0.378 ug/l
RT: 12.38 min Scan# 1841
Delta R.T. -0.01 min
Lab File: VX007248.D
Acq: 25 Jan 2019 23:48

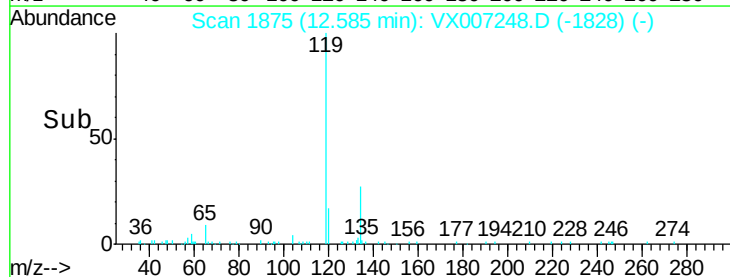
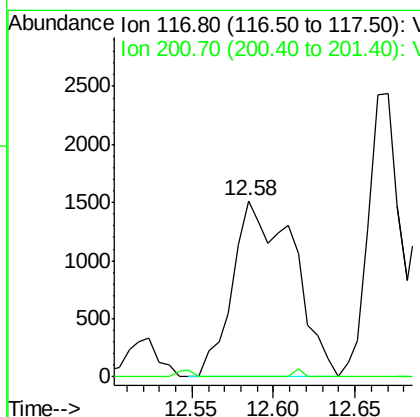
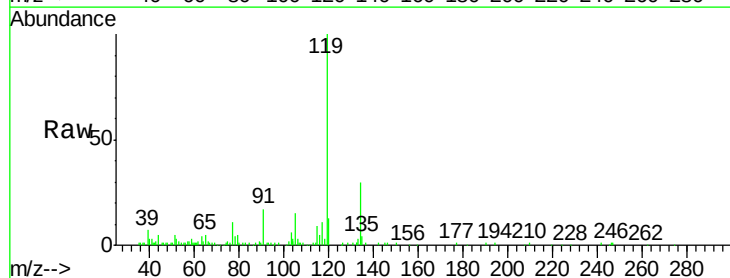
Instrument :
MSVOA_X
ClientSampleId :

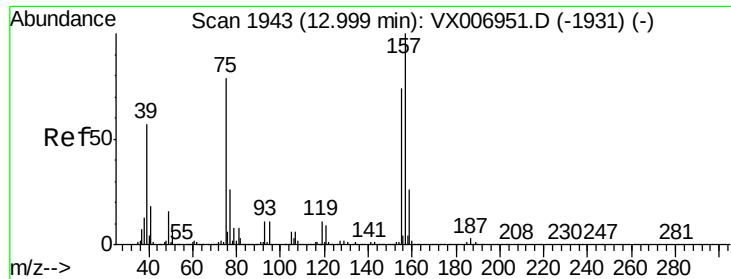
Tot Ion: 91 Resp: 8074
Ion Ratio Lower Upper
91 100
92 30.6 26.8 80.4
134 138.2 14.4 43.2#



#90
Hexachloroethane
Concen: 3.834 ug/l
RT: 12.58 min Scan# 1875
Delta R.T. -0.01 min
Lab File: VX007248.D
Acq: 25 Jan 2019 23:48

Tgt Ion: 117 Resp: 3933
Ion Ratio Lower Upper
117 100
201 0.0 42.9 128.7#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.268 ug/l

RT: 13.01 min Scan# 1945

Delta R.T. 0.01 min

Lab File: VX007248.D

Acq: 25 Jan 2019 23:48

Instrument :

MSVOA_X

ClientSampled :

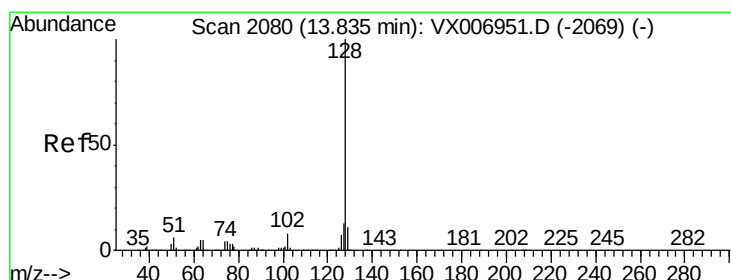
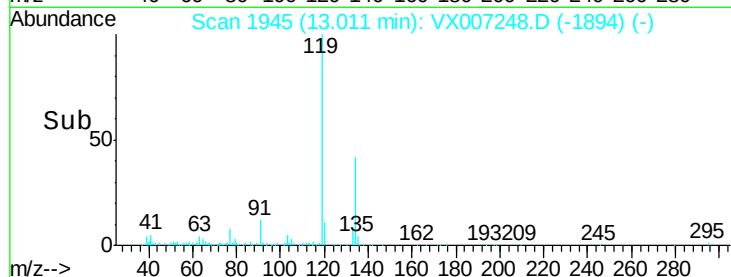
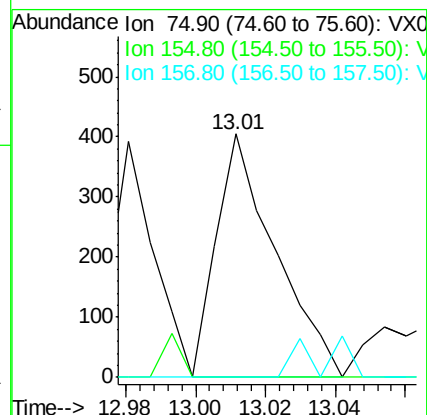
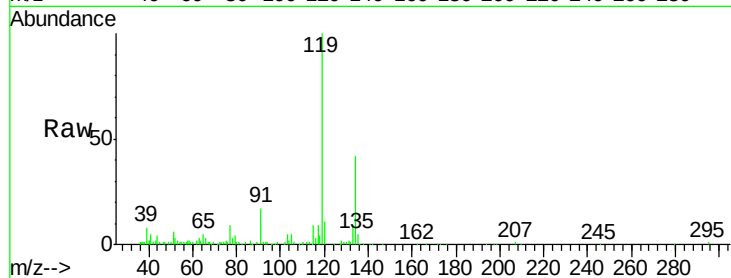
Tot Ion: 75 Resp: 473

Ion Ratio Lower Upper

75 100

155 0.0 50.6 151.8#

157 0.0 64.6 193.8#



#95

Naphthalene

Concen: 2.392 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007248.D

Acq: 25 Jan 2019 23:48

Tgt Ion: 128 Resp: 68807

Ion Ratio Lower Upper

128 100

127 13.0 10.1 15.1

129 12.2 8.6 13.0

