

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX010719\
 Data File : VX006944.D
 Acq On : 07 Jan 2019 19:01
 Operator : JC/MD
 Sample : K1066-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 08 06:36:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	636813	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	984601	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	938629	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	456144	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	337425	49.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.32%	
35) Dibromofluoromethane	5.51	113	299832	48.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.30%	
50) Toluene-d8	8.71	98	1194503	50.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.78%	
62) 4-Bromofluorobenzene	11.13	95	423087	49.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.42%	

Target Compounds

					Qvalue	
3) Chloromethane	1.32	50	2216	0.353	ug/l #	66
5) Bromomethane	1.64	94	891	Below Cal		100
8) Diethyl Ether	2.21	74	1415	0.349	ug/l	82
11) Tert butyl alcohol	3.12	59	338	0.221	ug/l #	1
12) 1,1-Dichloroethene	2.37	96	1833	0.322	ug/l #	83
13) Acrolein	2.32	56	302	0.292	ug/l #	13
14) Allyl chloride	2.84	41	1450575	151.461	ug/l #	27
16) Acetone	2.45	43	27687	8.781	ug/l	100
18) Methyl Acetate	2.84	43	186449	20.109	ug/l #	25
21) trans-1,2-Dichloroethene	3.17	96	4005	0.635	ug/l #	92
25) 2-Butanone	4.70	43	4614	1.040	ug/l #	76
28) Bromochloromethane	5.01	49	597	Below Cal	#	3
29) Tetrahydrofuran	5.17	42	2250	0.770	ug/l #	74
36) 1,1-Dichloropropene	5.67	75	41487	5.087	ug/l #	49
38) Carbon Tetrachloride	5.66	117	57421	7.245	ug/l #	15
43) Isopropyl Acetate	6.46	43	30113	2.332	ug/l	98
48) Methyl methacrylate	7.68	41	14453	2.201	ug/l #	11
49) 1,4-Dioxane	7.75	88	83	Below Cal	#	27
51) 4-Methyl-2-Pentanone	8.62	43	146913	17.879	ug/l #	49
52) Toluene	8.79	92	6958	0.434	ug/l	96
54) cis-1,3-Dichloropropene	8.62	75	75078	8.661	ug/l #	61
57) 1,3-Dichloropropane	9.54	76	17347	1.645	ug/l #	44
59) 2-Hexanone	9.54	43	221278	35.196	ug/l #	51
60) Dibromochloromethane	9.59	129	256	2.360	ug/l	58
65) Chlorobenzene	10.13	112	189224	9.529	ug/l	97
68) m/p-Xylenes	10.36	106	5922	0.463	ug/l	76
69) o-Xylene	10.70	106	3212	0.254	ug/l	97
74) N-amyl acetate	10.69	43	19882	1.780	ug/l #	54
76) 1,2,3-Trichloropropane	11.13	75	202079	23.838	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.51	105	6534	0.254	ug/l	94
81) trans-1,4-Dichloro-2-buten	11.13	75	202079	70.638	ug/l #	10
84) 1,2,4-Trimethylbenzene	11.80	105	9605	0.355	ug/l	97
90) Hexachloroethane	12.59	117	428	3.385	ug/l #	6
95) Naphthalene	13.83	128	202174	6.037	ug/l	99

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
Response via : Initial Calibration

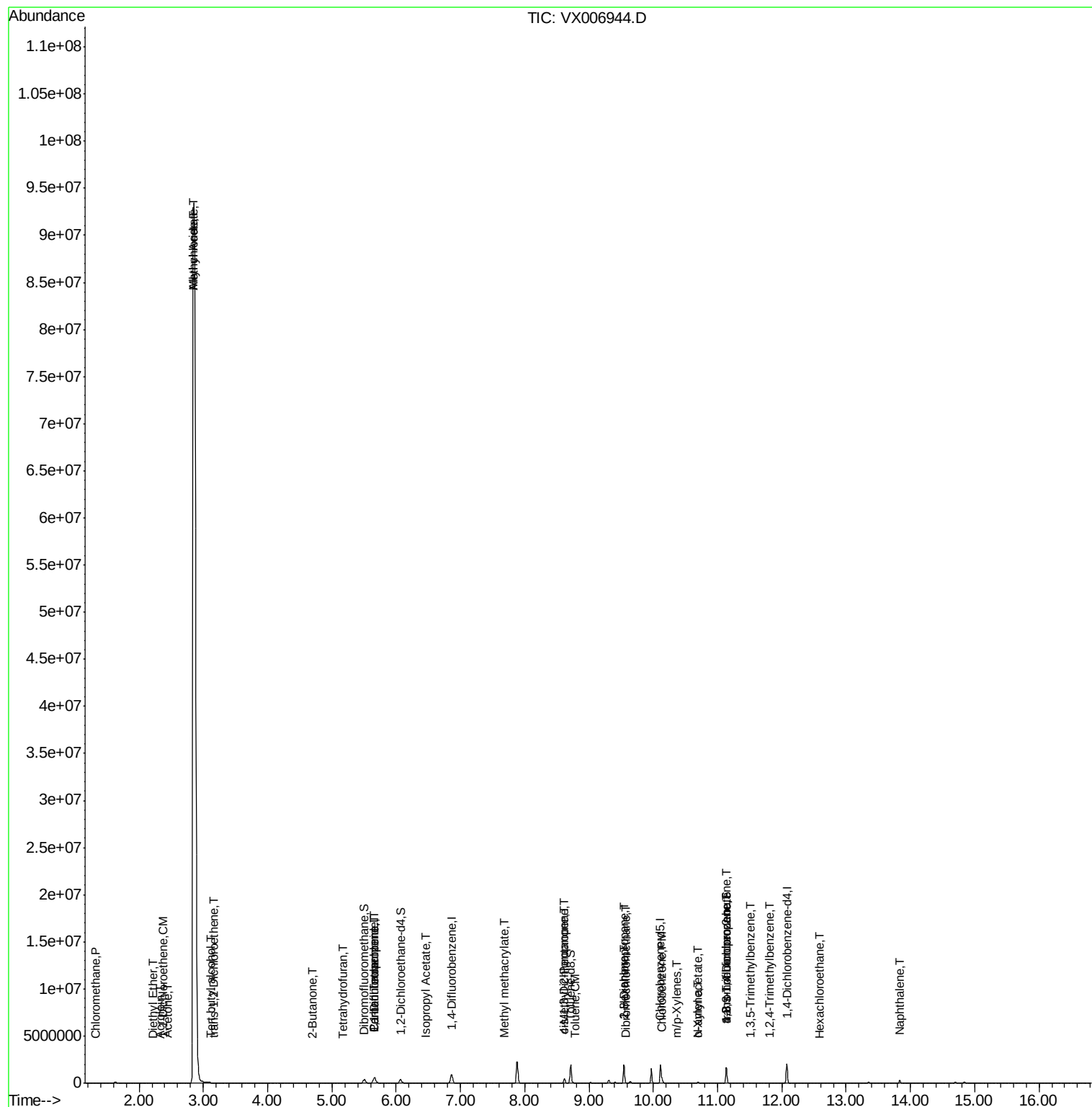
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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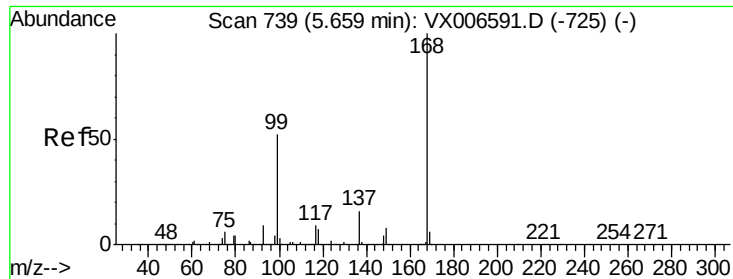
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX010719\
Data File : VX006944.D
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006944.D

Acq: 07 Jan 2019 19:01

Instrument :

MSVOA_X

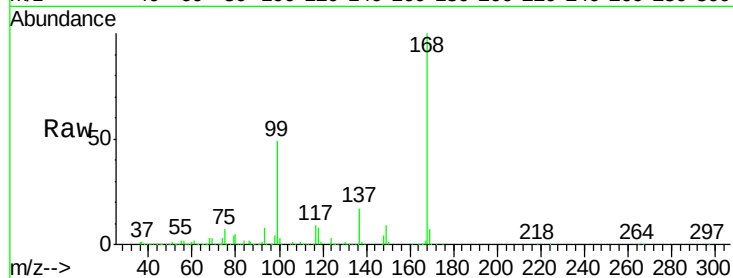
ClientSampled :

Tot Ion:168 Resp: 636813

Ion Ratio Lower Upper

168 100

99 49.3 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

250000

200000

150000

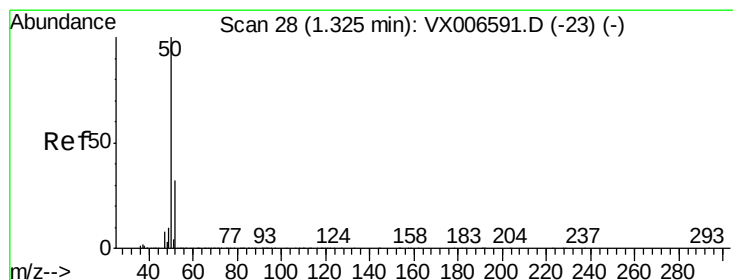
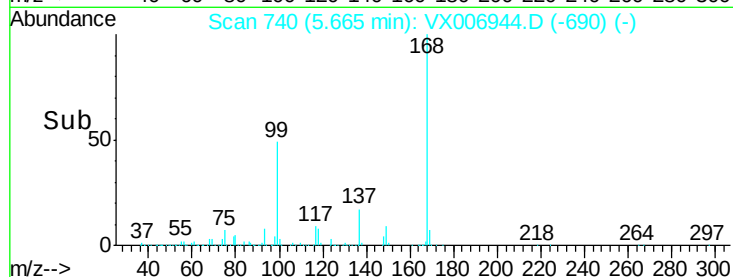
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.353 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX006944.D

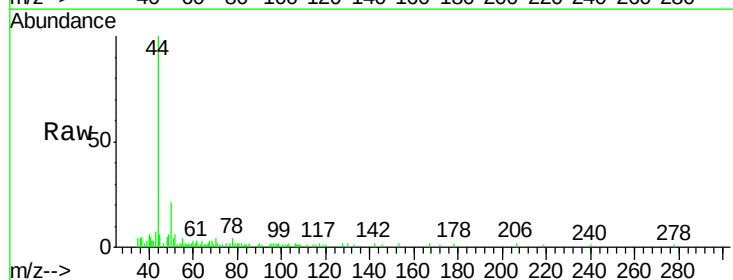
Acq: 07 Jan 2019 19:01

Tgt Ion: 50 Resp: 2216

Ion Ratio Lower Upper

50 100

52 13.1 25.4 38.2#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1500

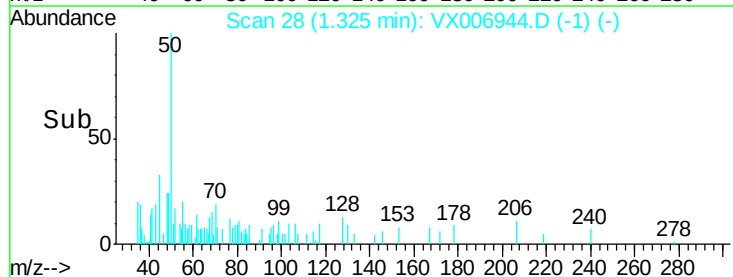
1000

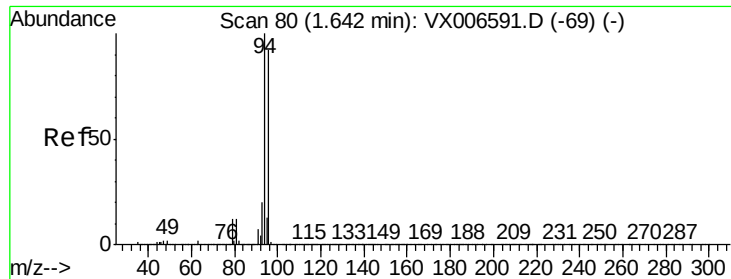
500

0

Time-->

1.30 1.35





#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006944.D

Acq: 07 Jan 2019 19:01

Instrument :

MSVOA_X

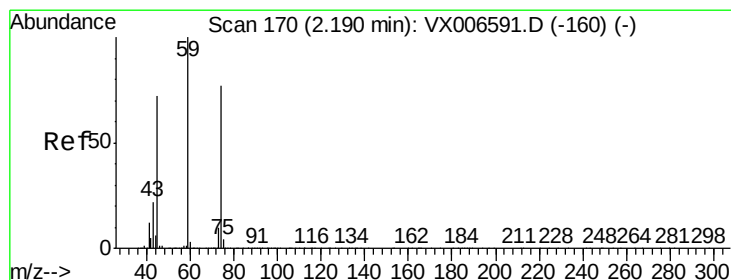
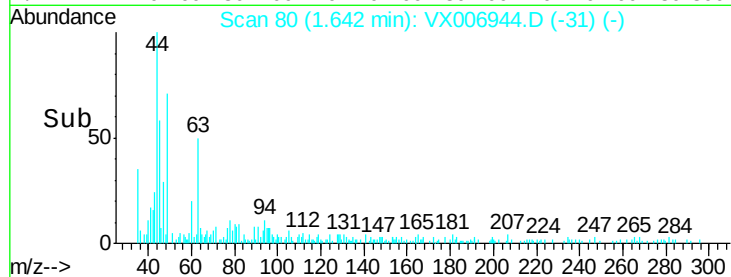
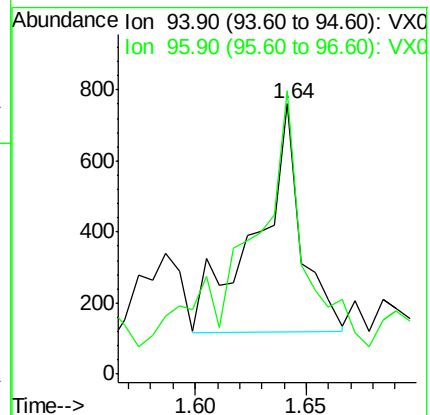
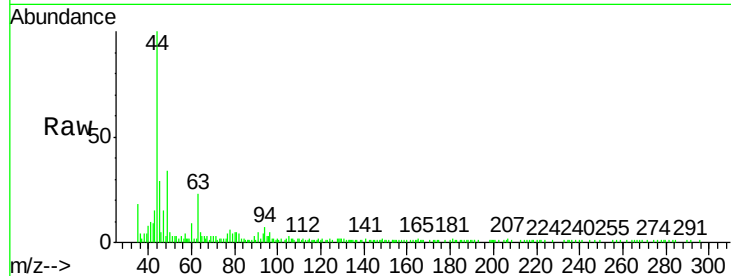
ClientSampled :

Tot Ion: 94 Resp: 891

Ion Ratio Lower Upper

94 100

96 91.8 73.4 110.2



#8

Diethyl Ether

Concen: 0.349 ug/l

RT: 2.21 min Scan# 173

Delta R.T. 0.02 min

Lab File: VX006944.D

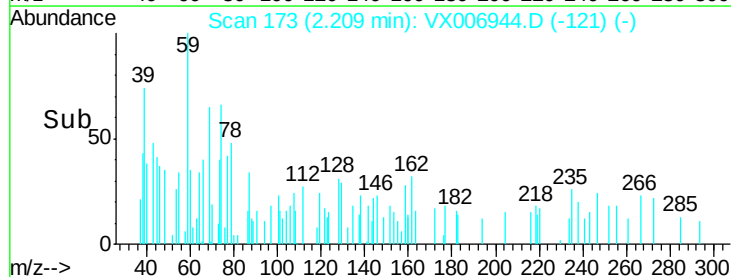
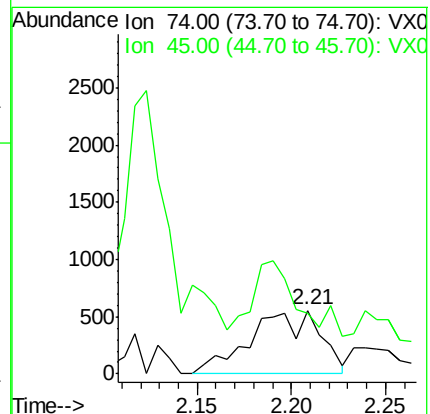
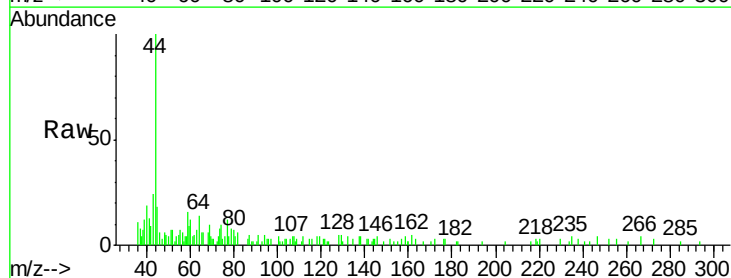
Acq: 07 Jan 2019 19:01

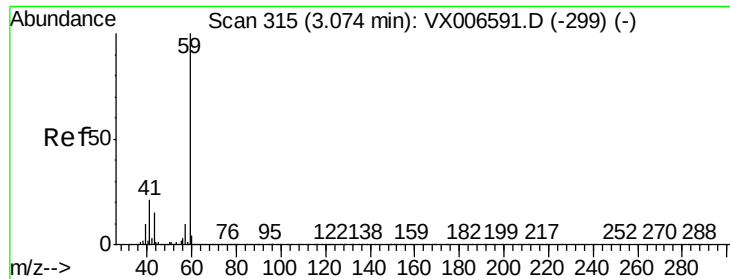
Tgt Ion: 74 Resp: 1415

Ion Ratio Lower Upper

74 100

45 75.8 46.3 138.9



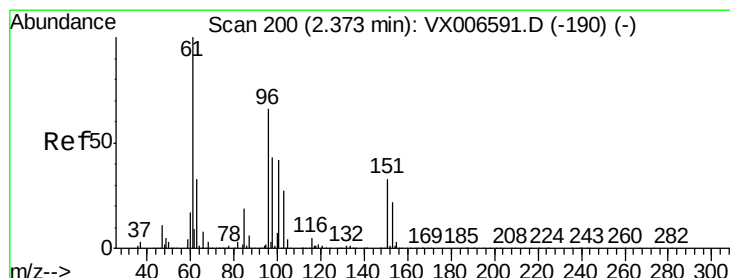
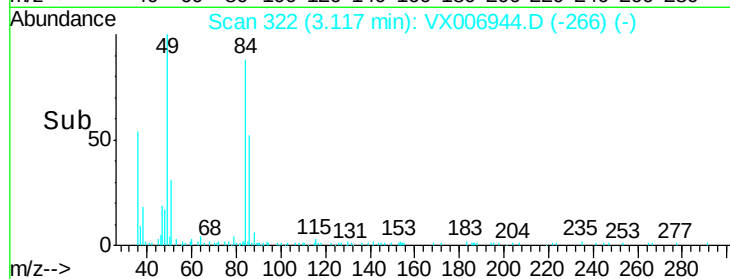
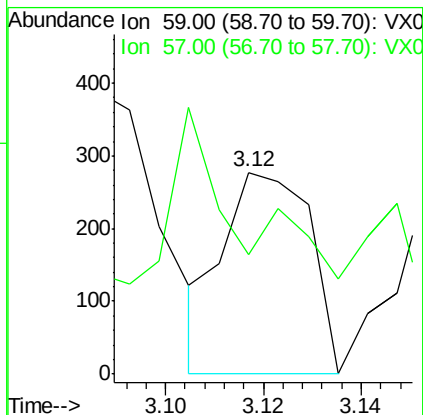
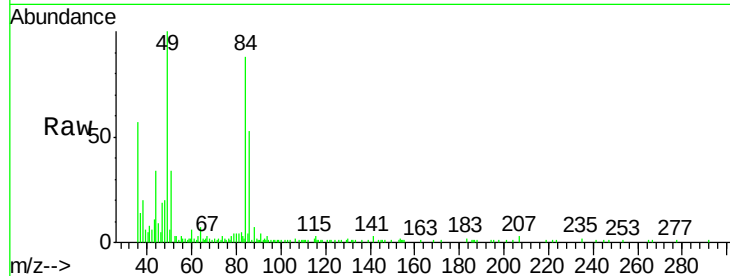


#11

Tert butyl alcohol
Concen: 0.221 ug/l
RT: 3.12 min Scan# 322
Delta R.T. 0.04 min
Lab File: VX006944.D
Acq: 07 Jan 2019 19:01

Instrument :
MSVOA_X
ClientSampleId :

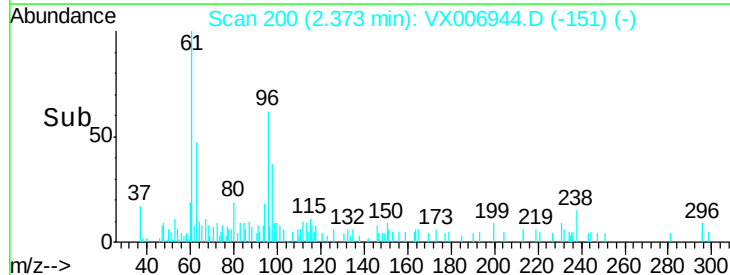
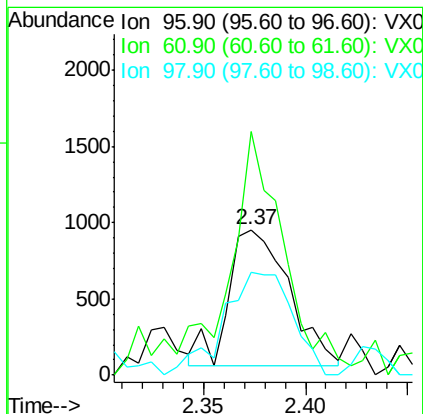
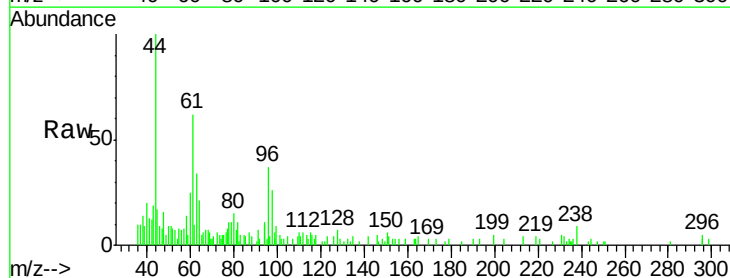
Tot Ion: 59 Resp: 338
Ion Ratio Lower Upper
59 100
57 76.3 8.5 12.7#

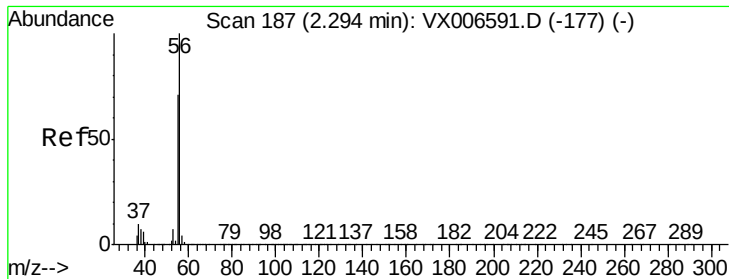


#12

1,1-Dichloroethene
Concen: 0.322 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX006944.D
Acq: 07 Jan 2019 19:01

Tgt Ion: 96 Resp: 1833
Ion Ratio Lower Upper
96 100
61 173.5 121.4 182.2
98 78.8 51.9 77.9#





#13

Acrolein

Concen: 0.292 ug/l

RT: 2.32 min Scan# 191

Delta R.T. 0.02 min

Lab File: VX006944.D

Acq: 07 Jan 2019 19:01

Instrument :

MSVOA_X

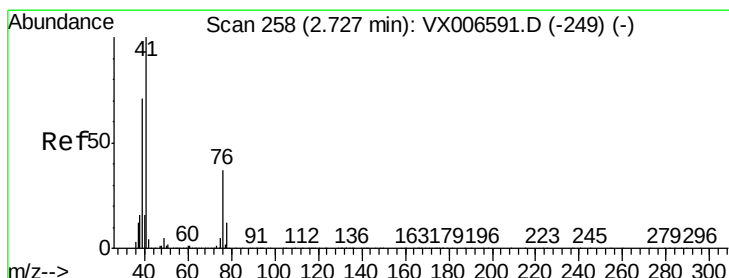
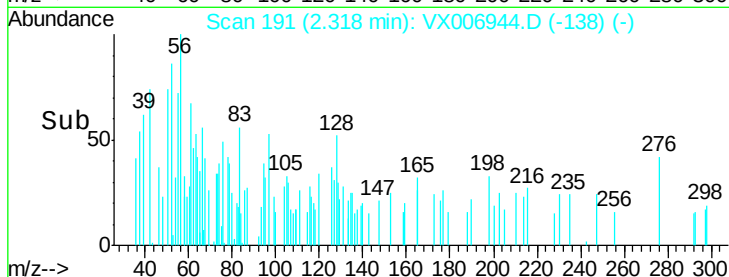
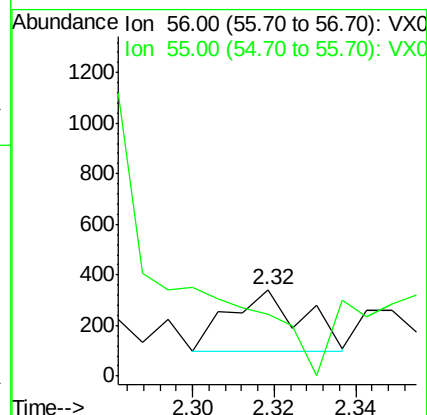
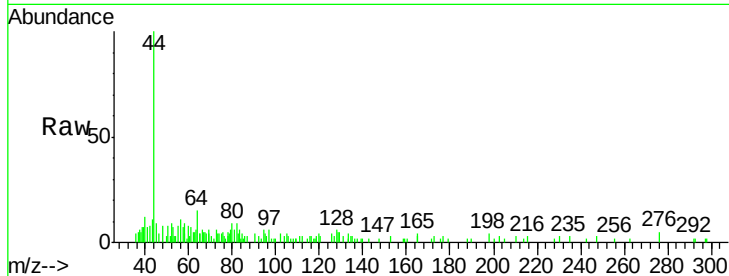
ClientSampled :

Tot Ion: 56 Resp: 302

Ion Ratio Lower Upper

56 100

55 0.0 58.2 87.4#



#14

Allyl chloride

Concen: 151.461 ug/l

RT: 2.84 min Scan# 276

Delta R.T. 0.11 min

Lab File: VX006944.D

Acq: 07 Jan 2019 19:01

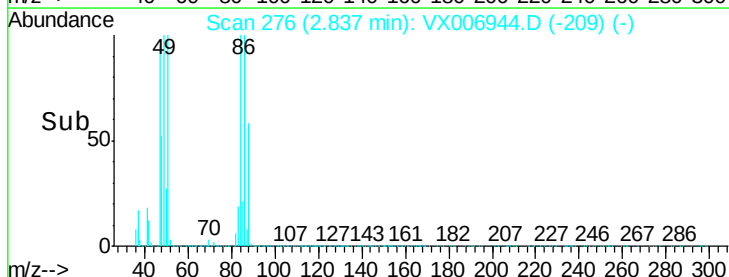
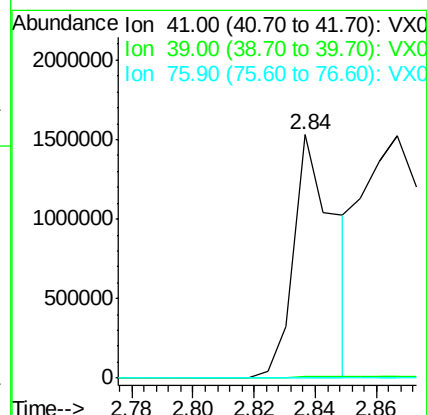
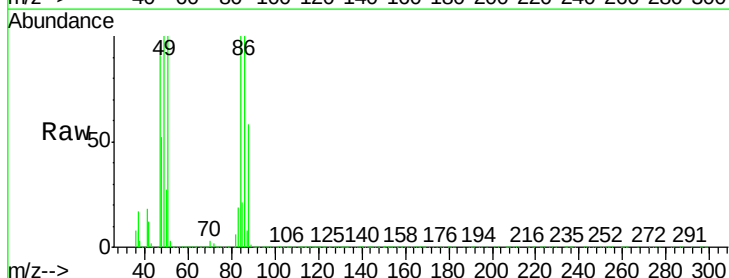
Tgt Ion: 41 Resp: 1450575

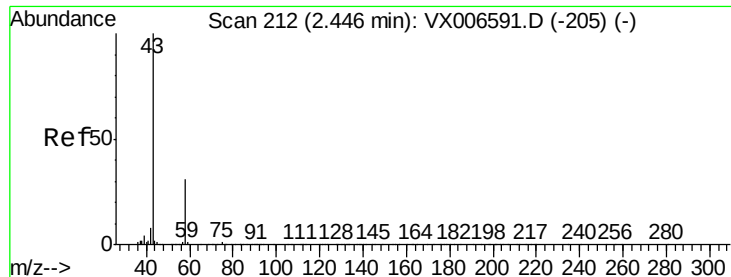
Ion Ratio Lower Upper

41 100

39 2.5 53.6 80.4#

76 0.1 27.4 41.2#

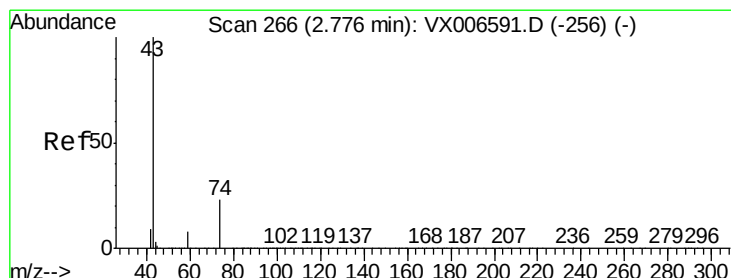
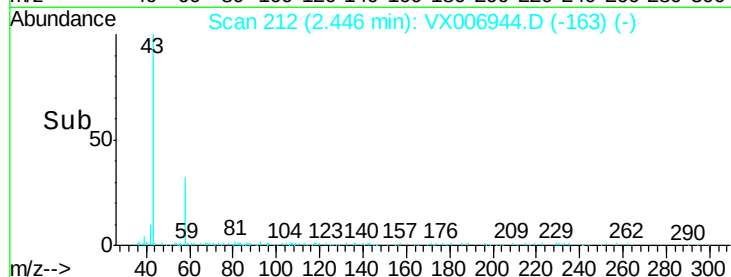
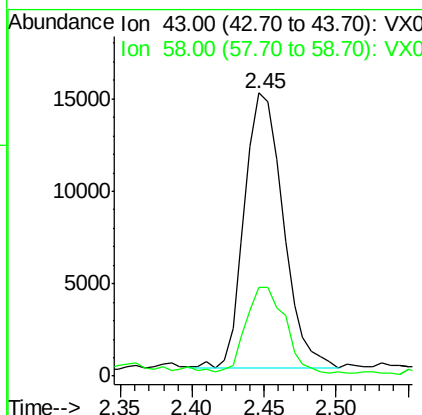
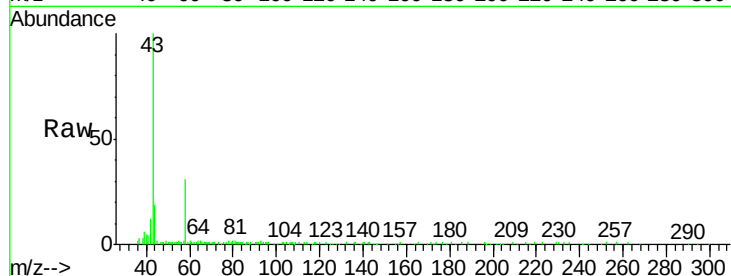




#16
Acetone
Concen: 8.781 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX006944.D
Acq: 07 Jan 2019 19:01

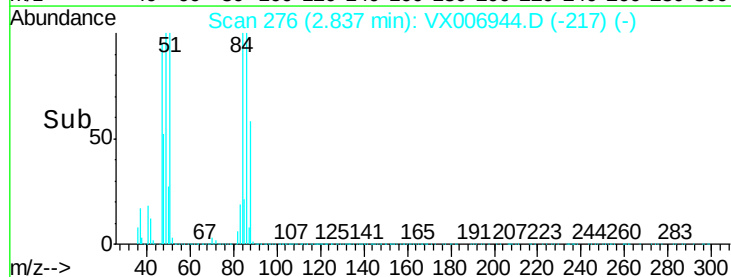
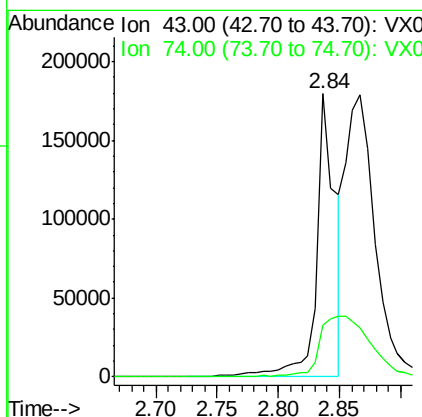
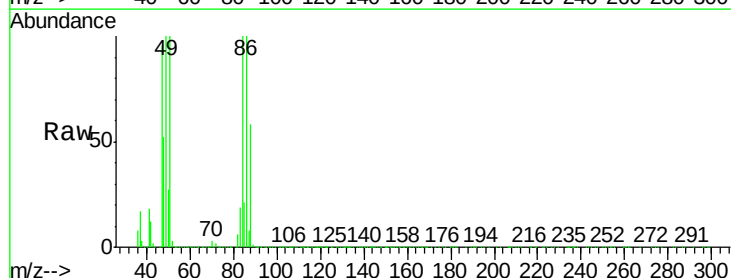
Instrument :
MSVOA_X
ClientSampleId :

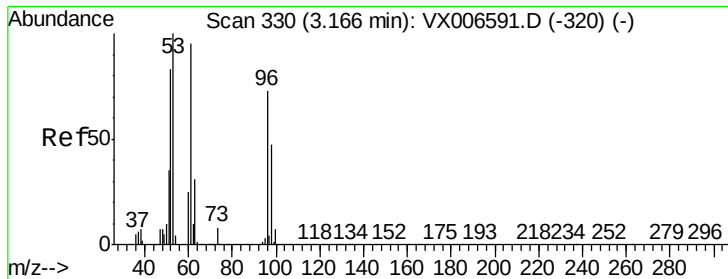
Tot Ion: 43 Resp: 27687
Ion Ratio Lower Upper
43 100
58 31.1 25.0 37.6



#18
Methyl Acetate
Concen: 20.109 ug/l
RT: 2.84 min Scan# 276
Delta R.T. 0.06 min
Lab File: VX006944.D
Acq: 07 Jan 2019 19:01

Tgt Ion: 43 Resp: 186449
Ion Ratio Lower Upper
43 100
74 59.9 18.6 28.0#





#21

trans-1,2-Dichloroethene

Concen: 0.635 ug/l

RT: 3.17 min Scan# 331

Delta R.T. 0.01 min

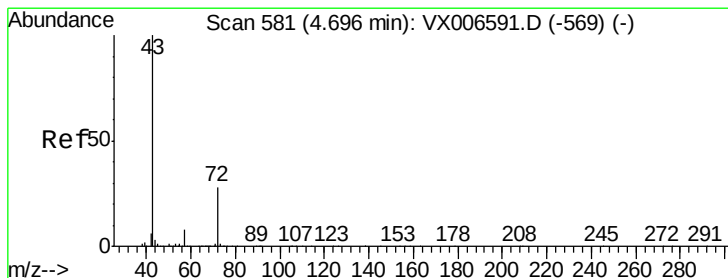
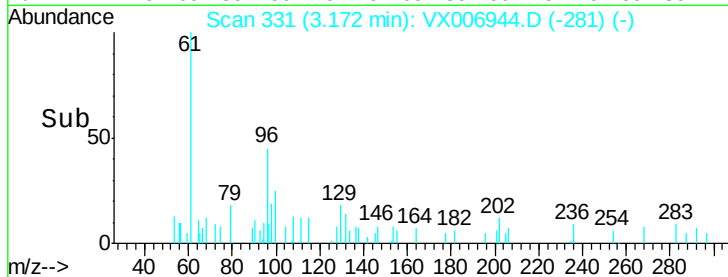
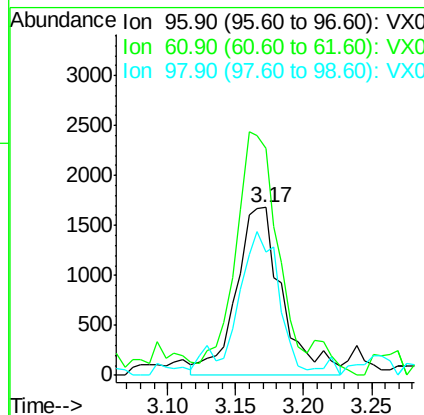
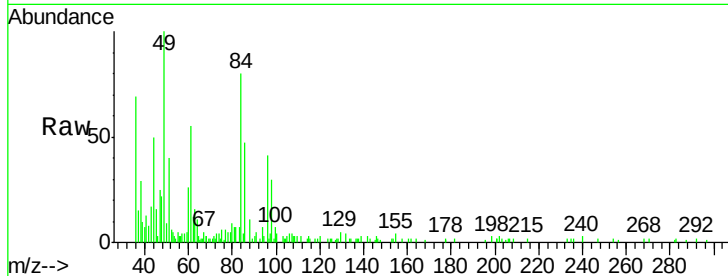
Lab File: VX006944.D

Acq: 07 Jan 2019 19:01

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 96 Resp: 4005

Ion	Ratio	Lower	Upper
96	100		
61	134.1	103.7	155.5
98	77.8	51.0	76.6#



#25

2-Butanone

Concen: 1.040 ug/l

RT: 4.70 min Scan# 582

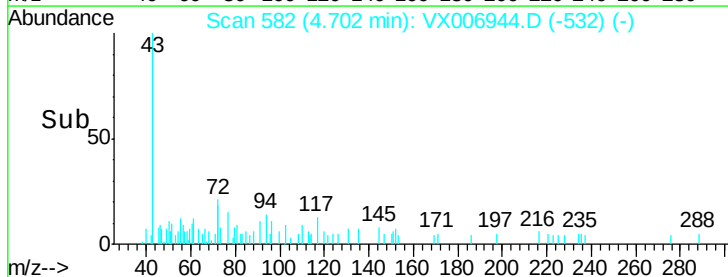
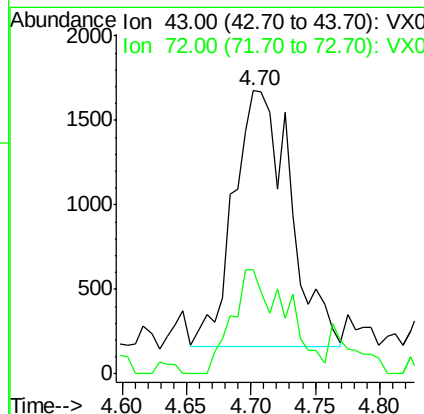
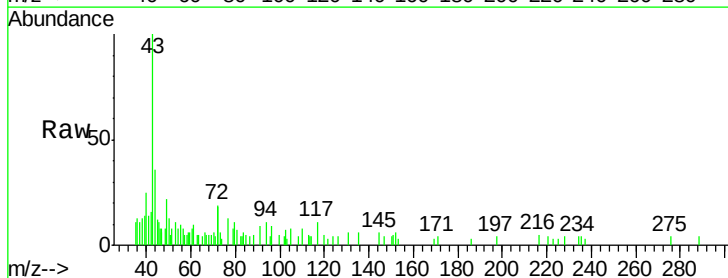
Delta R.T. 0.01 min

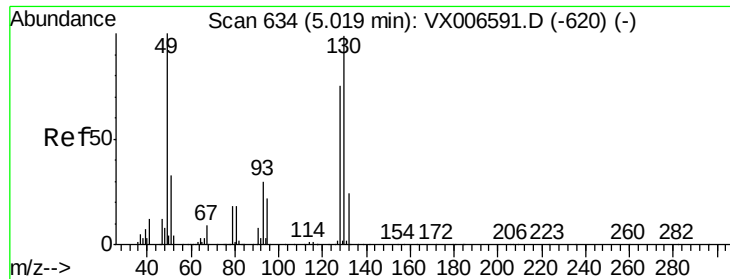
Lab File: VX006944.D

Acq: 07 Jan 2019 19:01

Tgt Ion: 43 Resp: 4614

Ion	Ratio	Lower	Upper
43	100		
72	40.7	22.4	33.6#





#28

Bromochloromethane

Concen: Below Cal

RT: 5.01 min Scan# 632

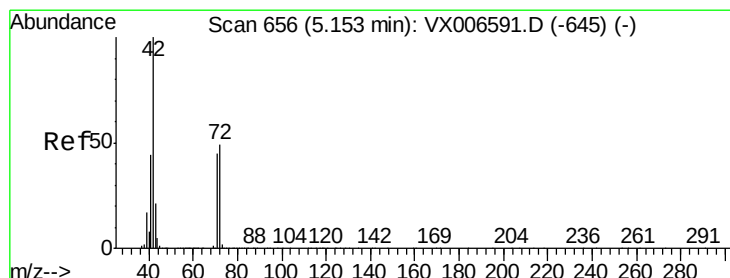
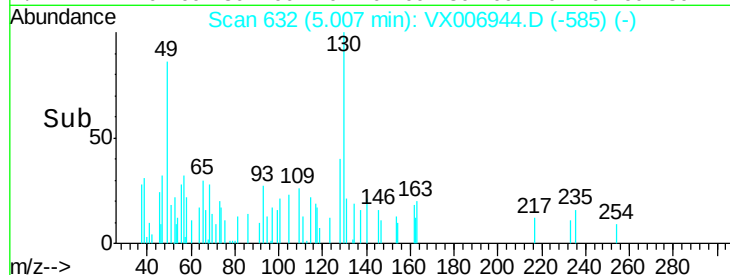
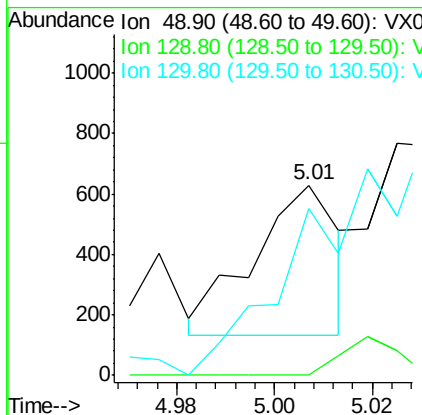
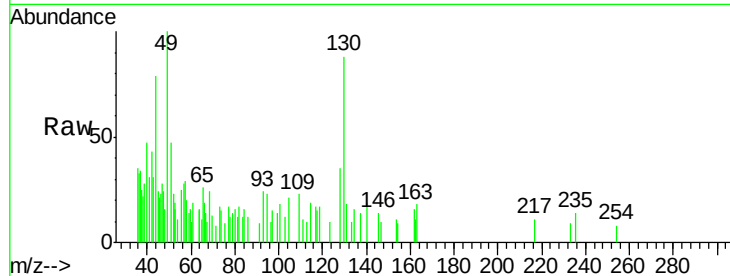
Delta R.T. -0.01 min

Lab File: VX006944.D

Acq: 07 Jan 2019 19:01

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 49 Resp: 597
Ion Ratio Lower Upper
49 100
129 16.9 0.0 5.4#
130 0.0 77.7 116.5#



#29

Tetrahydrofuran

Concen: 0.770 ug/l

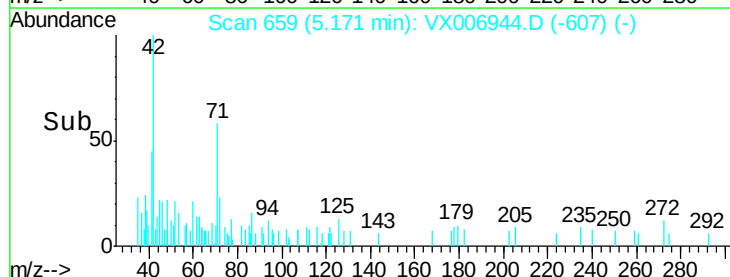
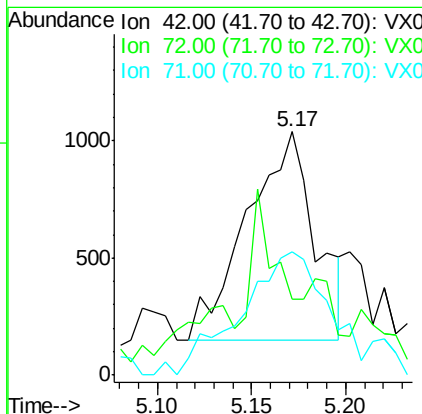
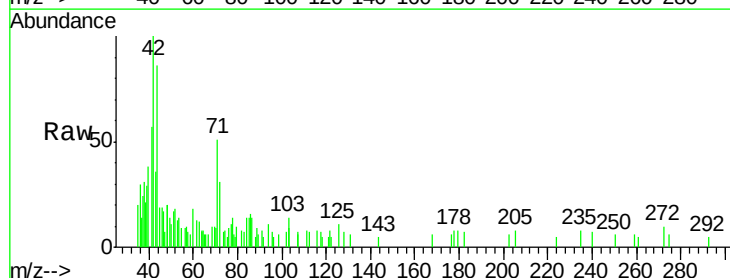
RT: 5.17 min Scan# 659

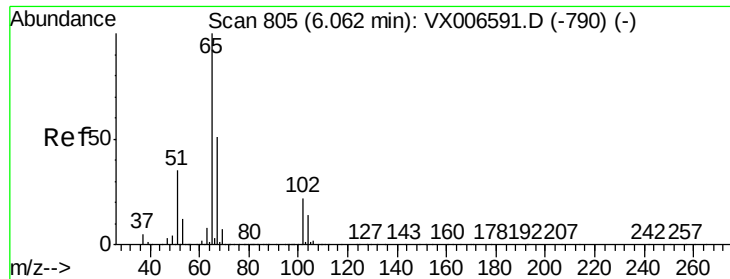
Delta R.T. 0.02 min

Lab File: VX006944.D

Acq: 07 Jan 2019 19:01

Tgt Ion: 42 Resp: 2250
Ion Ratio Lower Upper
42 100
72 42.8 38.9 58.3
71 74.9 36.2 54.4#

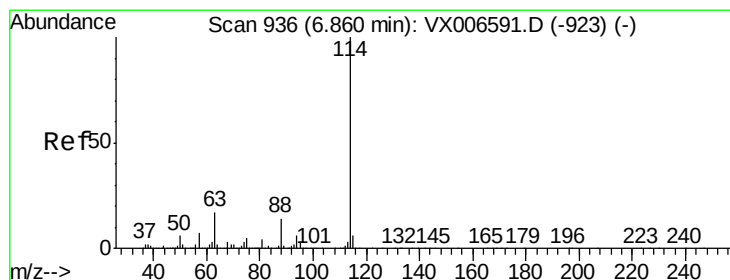
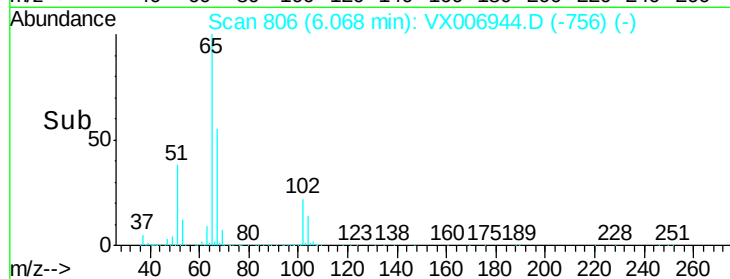
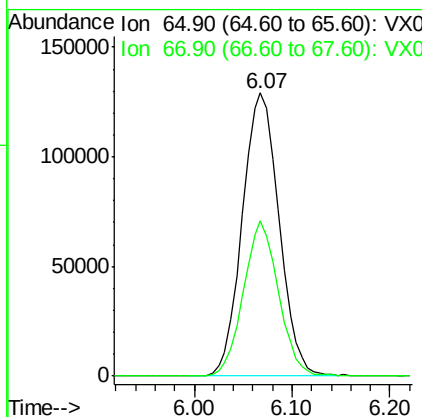
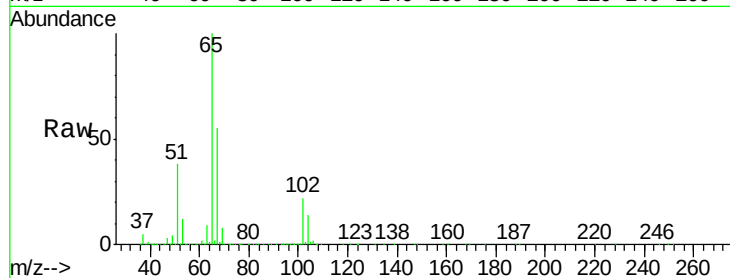




#33
 1,2-Dichloroethane-d4
 Concen: 49.164 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.01 min
 Lab File: VX006944.D
 Acq: 07 Jan 2019 19:01

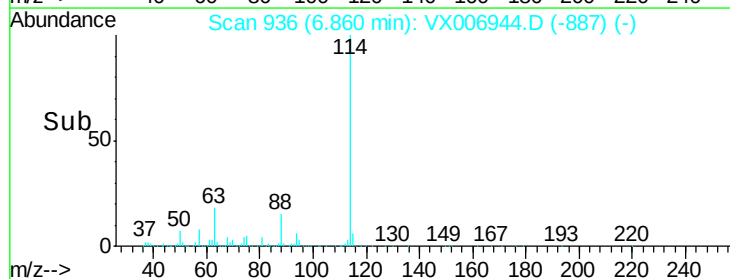
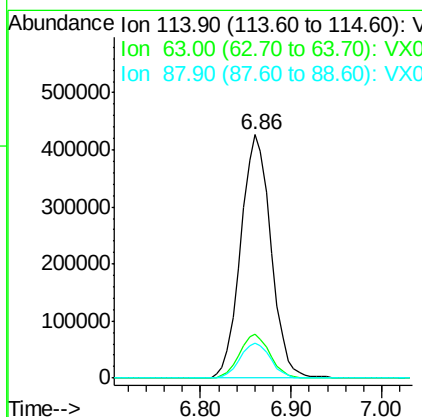
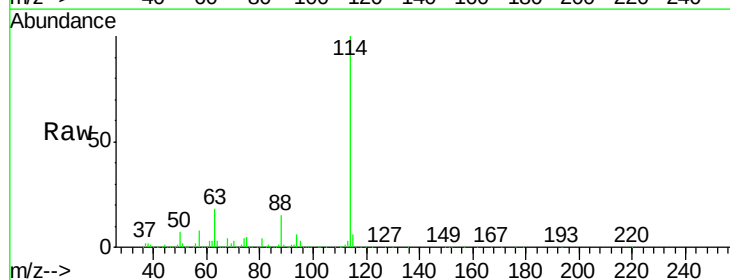
Instrument :
 MSVOA_X
 ClientSampleId :

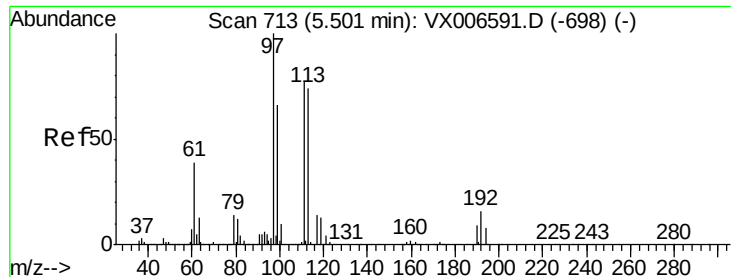
Tot Ion: 65 Resp: 337425
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006944.D
 Acq: 07 Jan 2019 19:01

Tgt Ion: 114 Resp: 984601
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 34.8
 88 14.6 0.0 28.8





#35

Dibromofluoromethane

Concen: 48.155 ug/l

RT: 5.51 min Scan# 714

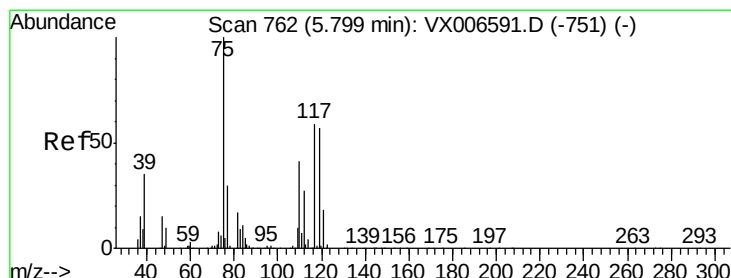
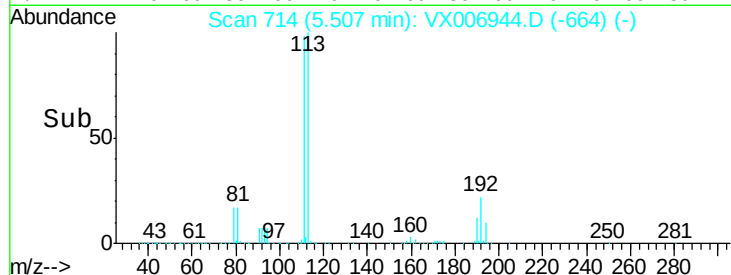
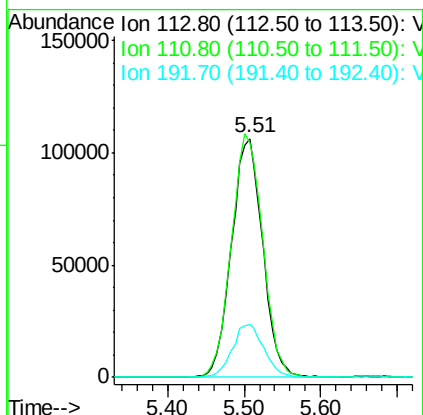
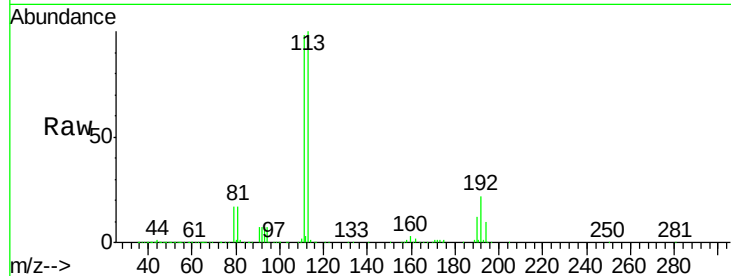
Delta R.T. 0.01 min

Lab File: VX006944.D

Acq: 07 Jan 2019 19:01

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	113	Resp:	299832
Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.6	122.4
192	22.4	16.7	25.1



#36

1,1-Dichloropropene

Concen: 5.087 ug/l

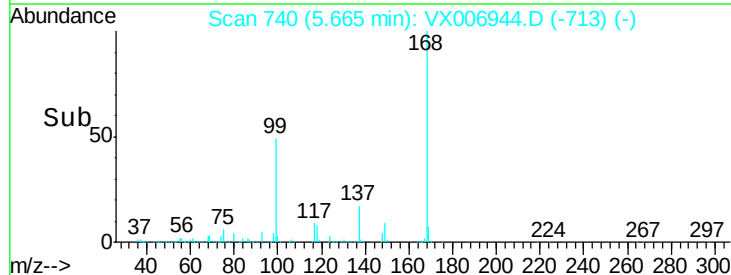
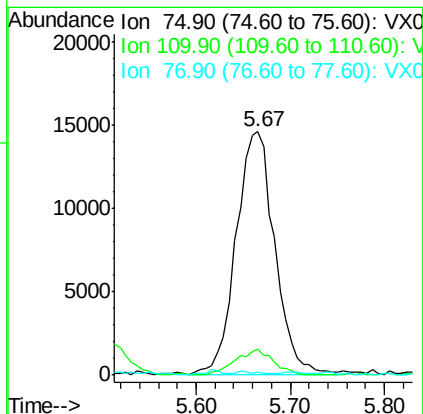
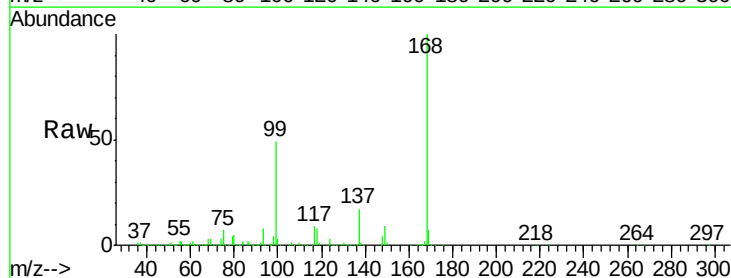
RT: 5.67 min Scan# 740

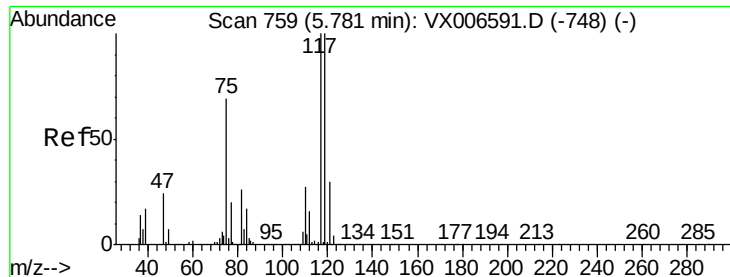
Delta R.T. -0.13 min

Lab File: VX006944.D

Acq: 07 Jan 2019 19:01

Tgt Ion:	75	Resp:	41487
Ion	Ratio	Lower	Upper
75	100		
110	10.6	20.2	60.5#
77	0.8	24.8	37.2#





#38

Carbon Tetrachloride

Concen: 7.245 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX006944.D

Acq: 07 Jan 2019 19:01

Instrument :

MSVOA_X

ClientSampleId :

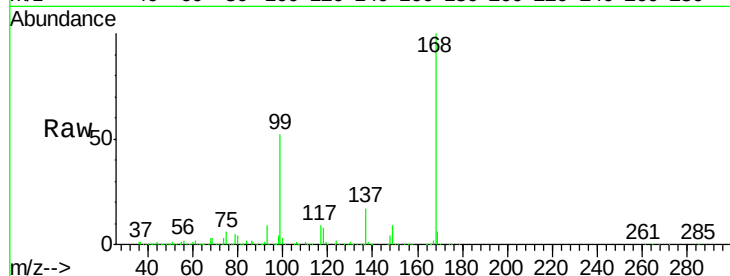
Tot Ion:117 Resp: 57421

Ion Ratio Lower Upper

117 100

119 6.3 79.4 119.2#

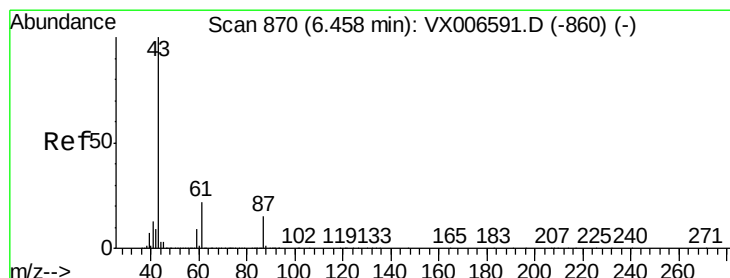
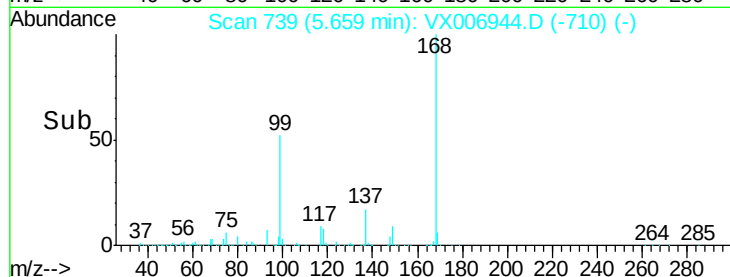
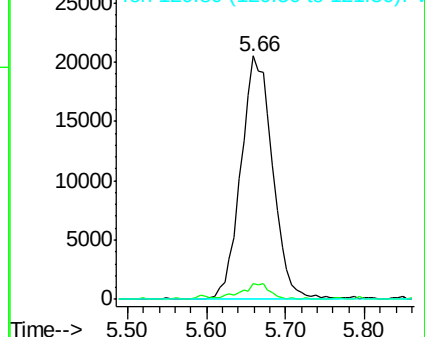
121 0.0 24.0 36.0#



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: 2.332 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX006944.D

Acq: 07 Jan 2019 19:01

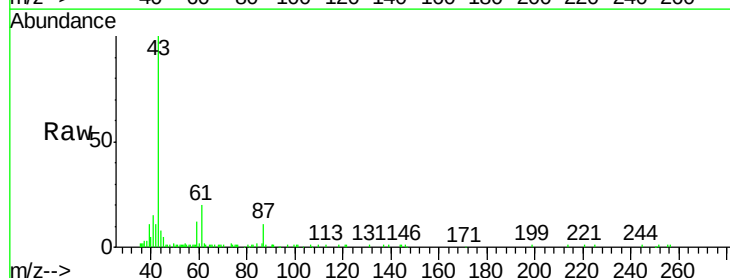
Tgt Ion: 43 Resp: 30113

Ion Ratio Lower Upper

43 100

61 20.8 16.8 25.2

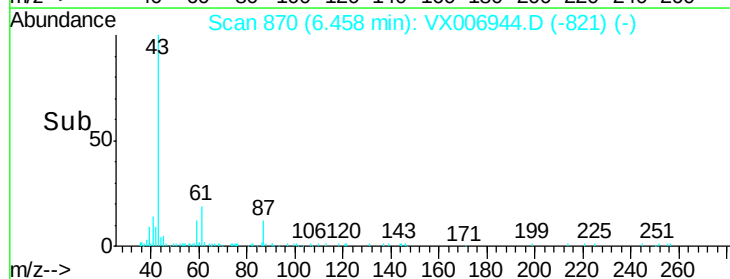
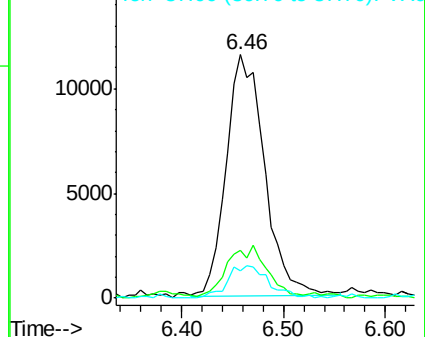
87 14.1 12.4 18.6

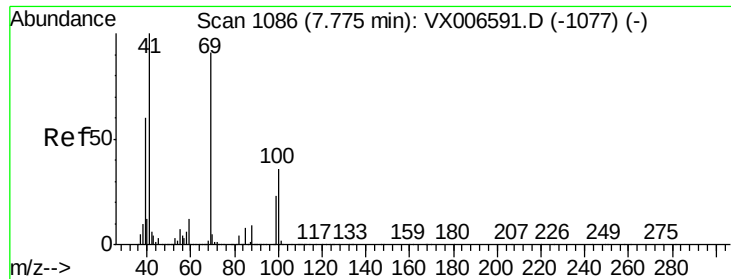


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

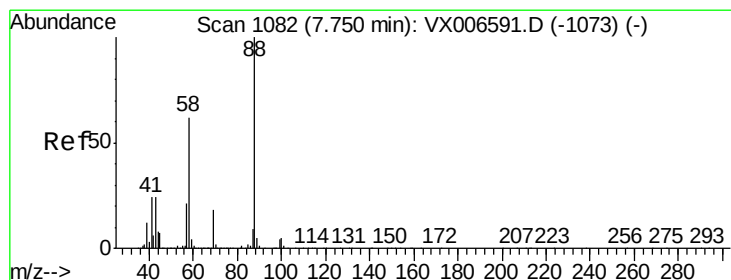
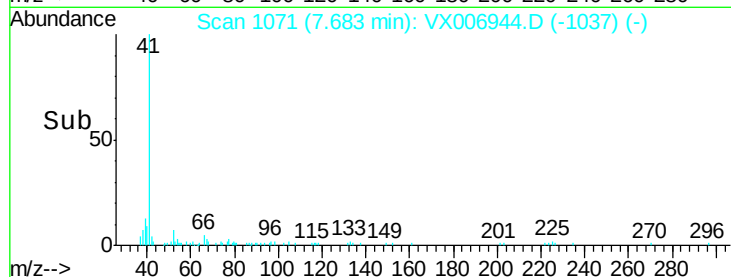
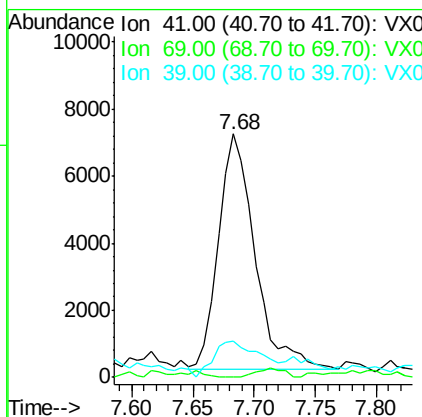
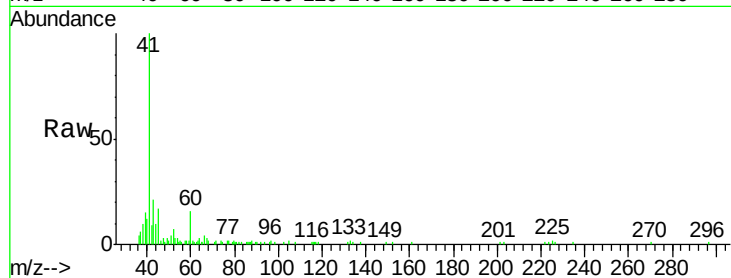




#48
Methvl methacrylate
Concen: 2.201 ug/l
RT: 7.68 min Scan# 1071
Delta R.T. -0.09 min
Lab File: VX006944.D
Acq: 07 Jan 2019 19:01

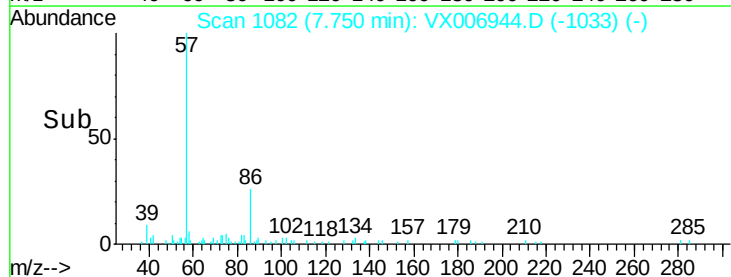
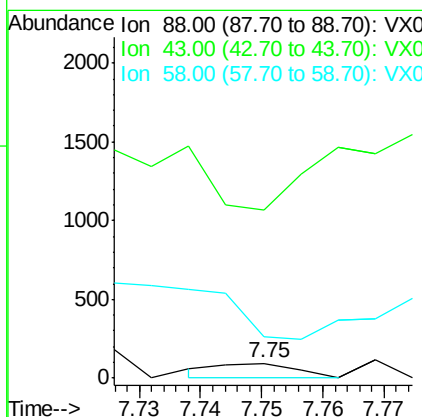
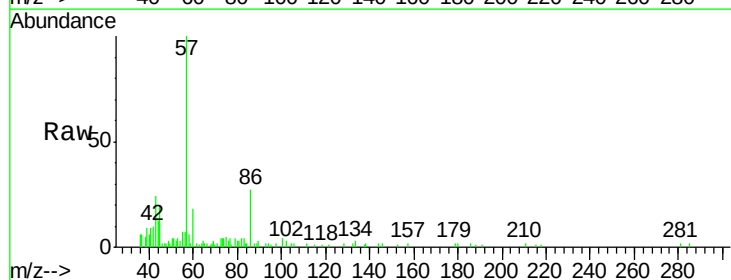
Instrument :
MSVOA_X
ClientSampleId :

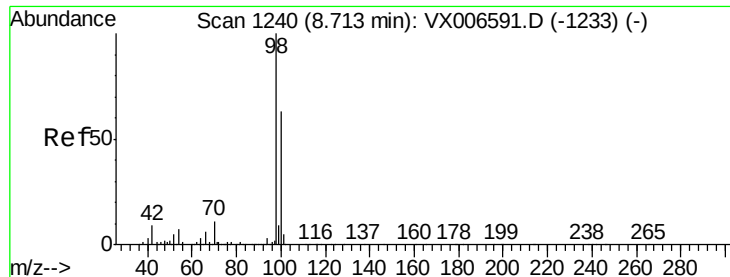
Tot Ion: 41 Resp: 14453
Ion Ratio Lower Upper
41 100
69 0.0 72.4 108.6#
39 0.0 45.8 68.8#



#49
1,4-Dioxane
Concen: Below Cal
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX006944.D
Acq: 07 Jan 2019 19:01

Tgt Ion: 88 Resp: 83
Ion Ratio Lower Upper
88 100
43 0.0 22.2 33.4#
58 0.0 51.0 76.4#





#50

Toluene-d8

Concen: 50.887 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006944.D

Acq: 07 Jan 2019 19:01

Instrument :

MSVOA_X

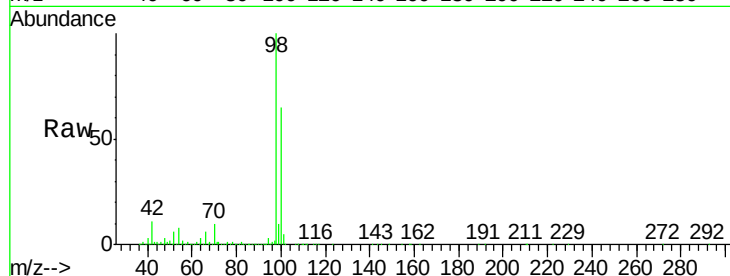
ClientSampleId :

Tot Ion: 98 Resp: 1194503

Ion Ratio Lower Upper

98 100

100 64.1 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.71

800000

600000

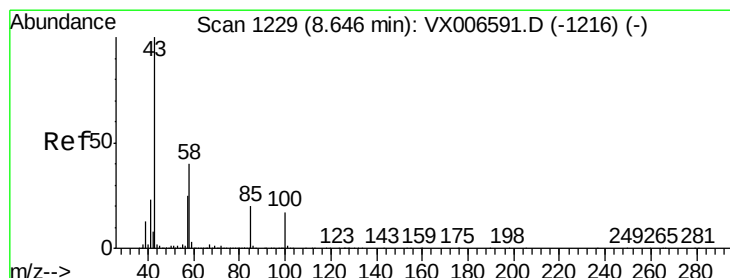
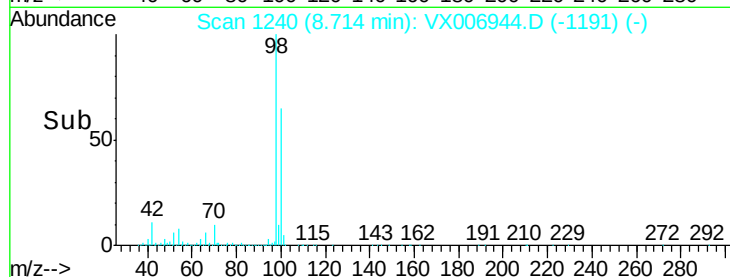
400000

200000

0

8.60 8.70 8.80 8.90

Time-->



#51

4-Methyl-2-Pentanone

Concen: 17.879 ug/l

RT: 8.62 min Scan# 1224

Delta R.T. -0.03 min

Lab File: VX006944.D

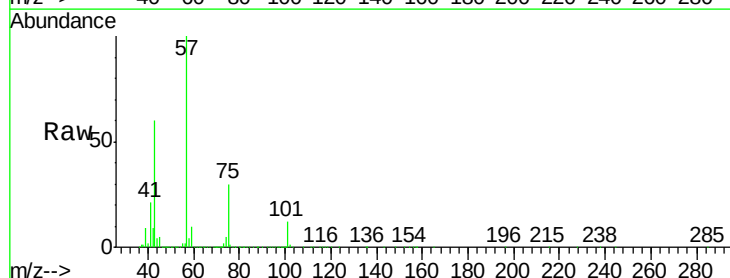
Acq: 07 Jan 2019 19:01

Tgt Ion: 43 Resp: 146913

Ion Ratio Lower Upper

43 100

58 8.2 31.8 47.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.62

100000

80000

60000

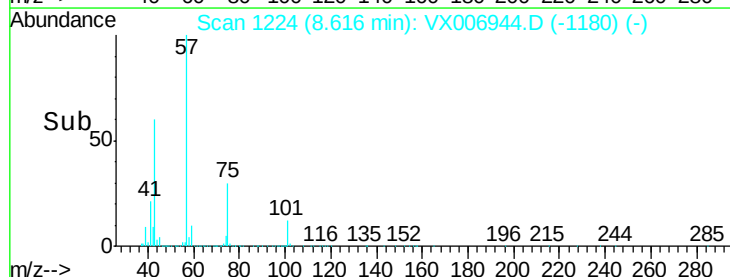
40000

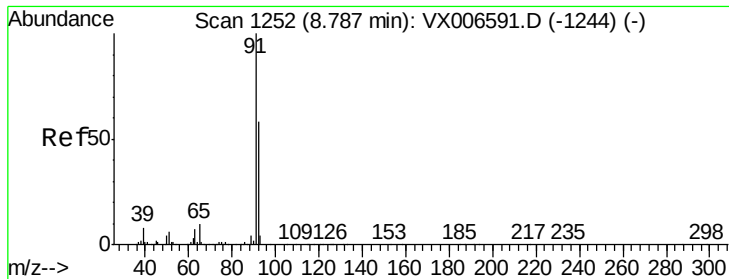
20000

0

8.55 8.60 8.65 8.70

Time-->





#52

Toluene

Concen: 0.434 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX006944.D

Acq: 07 Jan 2019 19:01

Instrument :

MSVOA_X

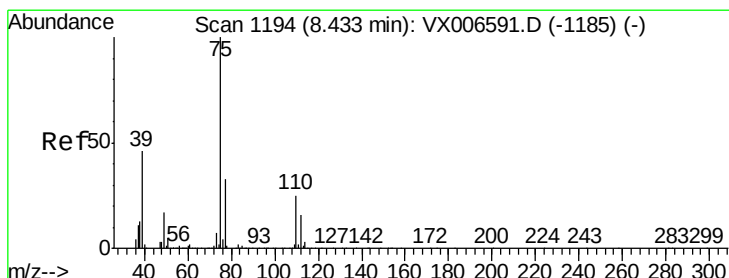
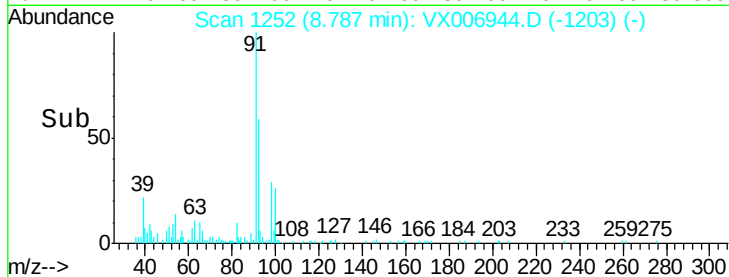
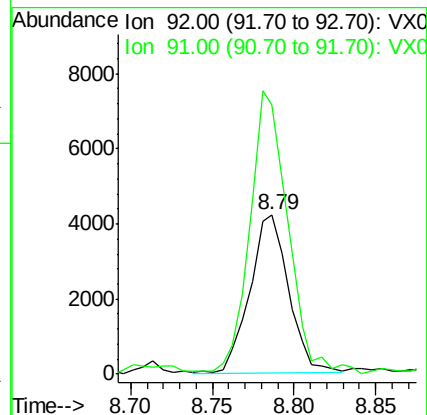
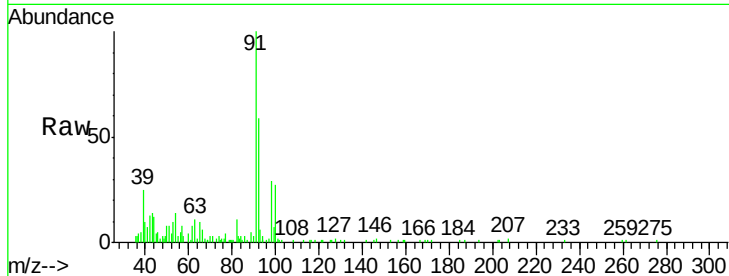
ClientSampled :

Tot Ion: 92 Resp: 6958

Ion Ratio Lower Upper

92 100

91 177.5 137.6 206.4



#54

cis-1,3-Dichloropropene

Concen: 8.661 ug/l

RT: 8.62 min Scan# 1224

Delta R.T. 0.18 min

Lab File: VX006944.D

Acq: 07 Jan 2019 19:01

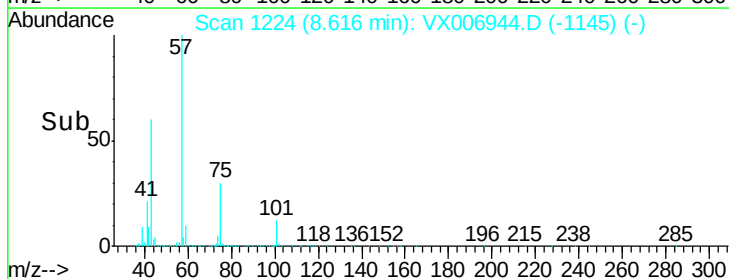
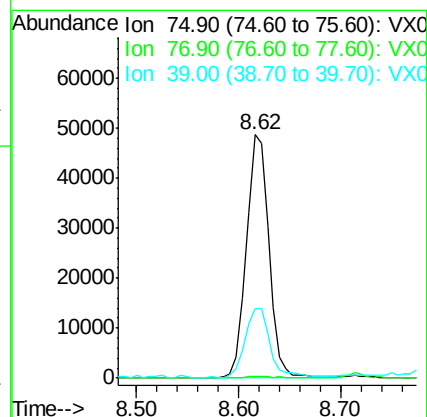
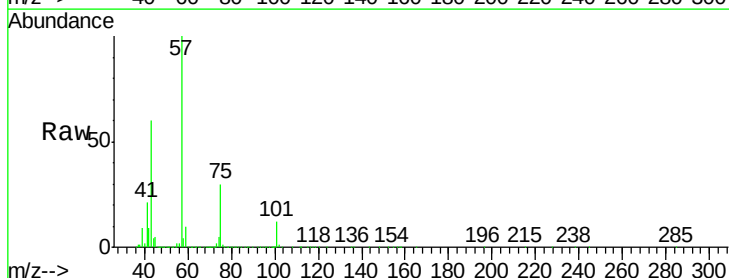
Tgt Ion: 75 Resp: 75078

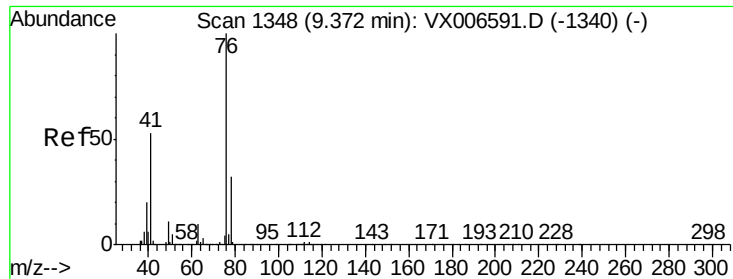
Ion Ratio Lower Upper

75 100

77 0.7 26.2 39.2#

39 28.3 36.7 55.1#





#57

1,3-Dichloropropane

Concen: 1.645 ug/l

RT: 9.54 min Scan# 1376

Delta R.T. 0.17 min

Lab File: VX006944.D

Acq: 07 Jan 2019 19:01

Instrument :

MSVOA_X

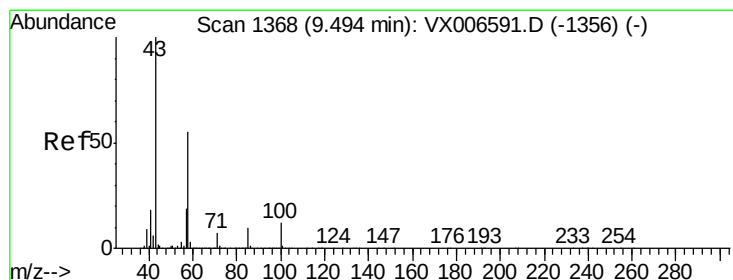
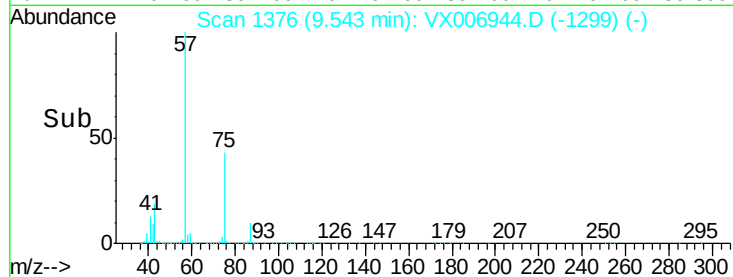
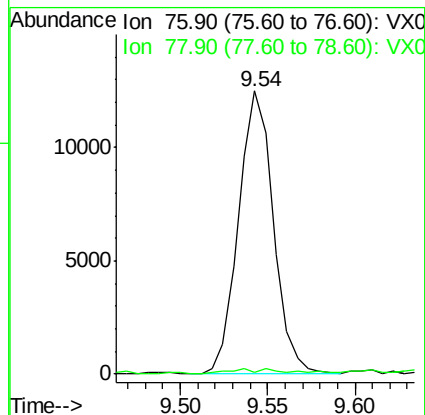
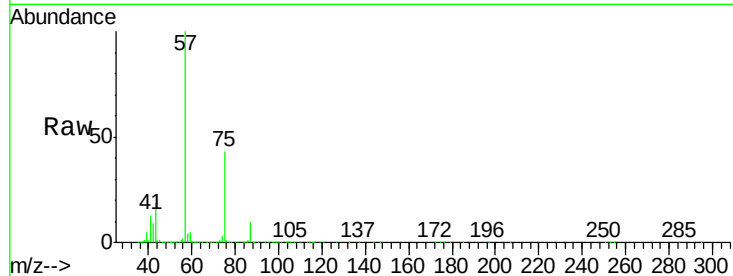
ClientSampled :

Tot Ion: 76 Resp: 17347

Ion Ratio Lower Upper

76 100

78 1.3 26.0 39.0#



#59

2-Hexanone

Concen: 35.196 ug/l

RT: 9.54 min Scan# 1376

Delta R.T. 0.05 min

Lab File: VX006944.D

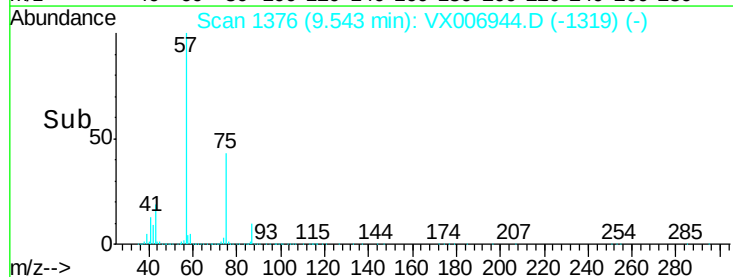
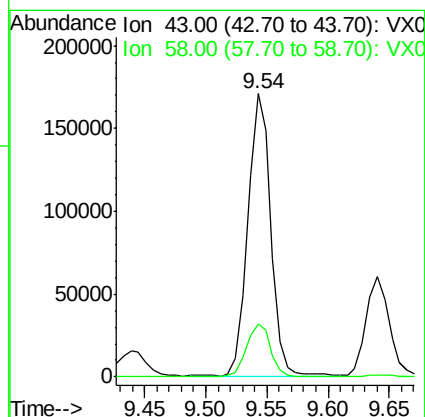
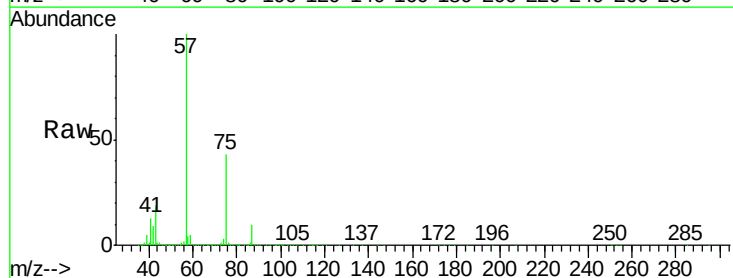
Acq: 07 Jan 2019 19:01

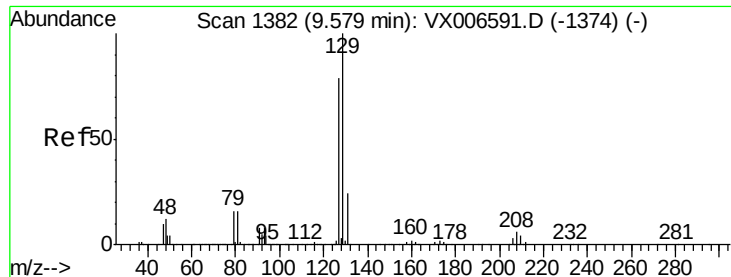
Tgt Ion: 43 Resp: 221278

Ion Ratio Lower Upper

43 100

58 19.6 27.7 83.1#





#60

Dibromochloromethane

Concen: 2.360 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. 0.01 min

Lab File: VX006944.D

Acq: 07 Jan 2019 19:01

Instrument :

MSVOA_X

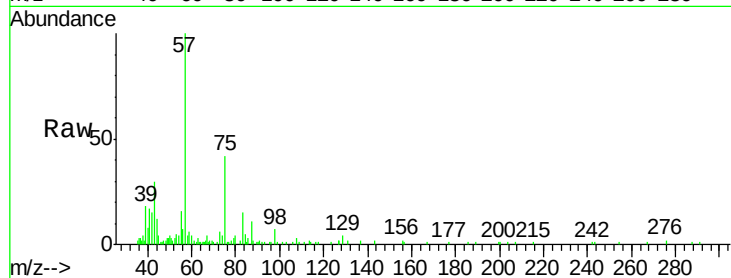
ClientSampleId :

Tot Ion:129 Resp: 256

Ion Ratio Lower Upper

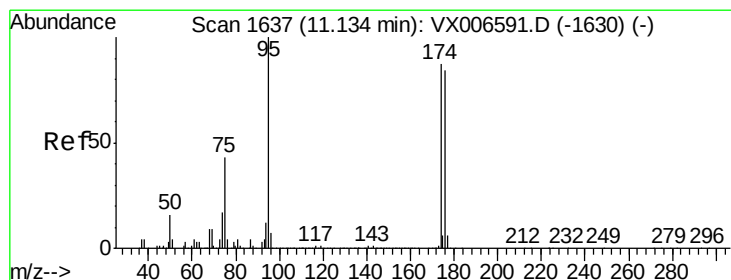
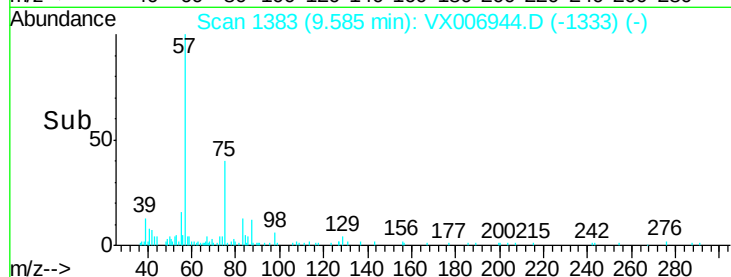
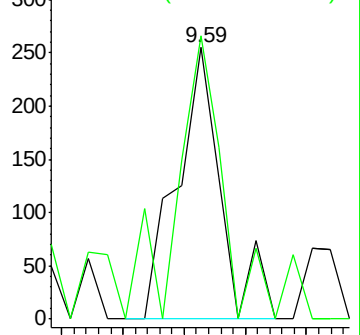
129 100

127 115.2 39.3 117.8



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#62

4-Bromofluorobenzene

Concen: 49.213 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX006944.D

Acq: 07 Jan 2019 19:01

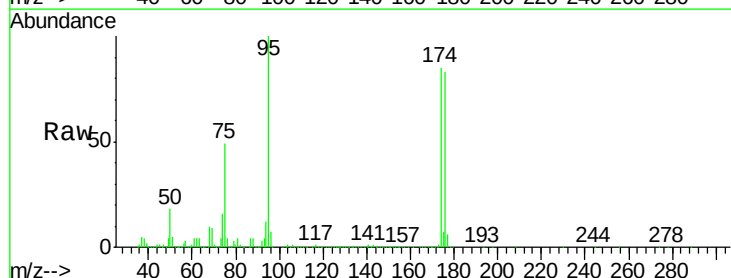
Tgt Ion: 95 Resp: 423087

Ion Ratio Lower Upper

95 100

174 92.4 0.0 182.2

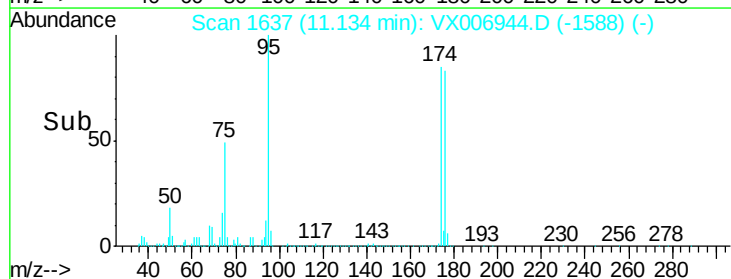
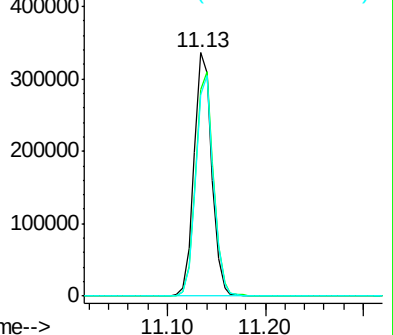
176 90.2 0.0 178.8

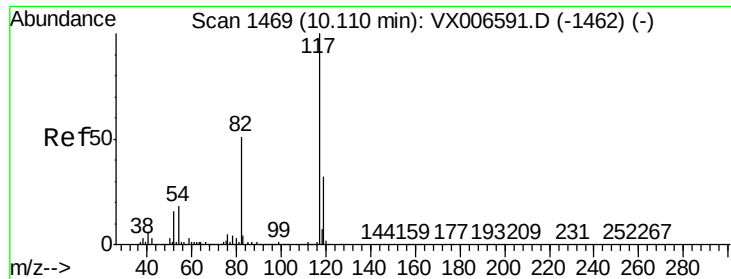


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

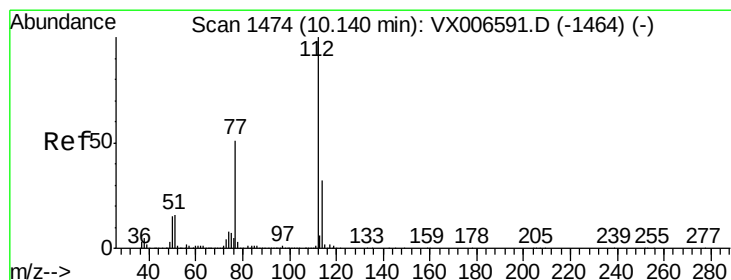
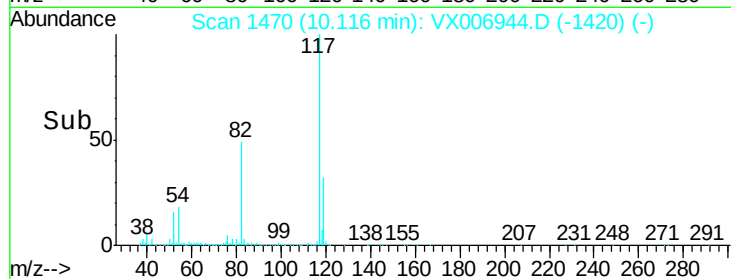
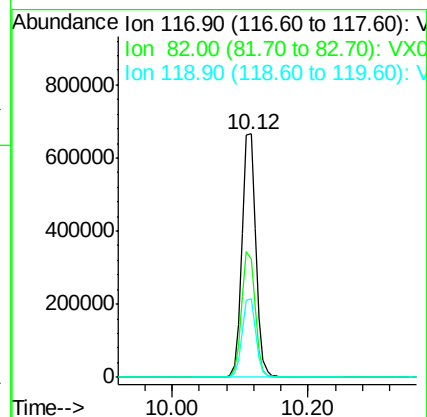
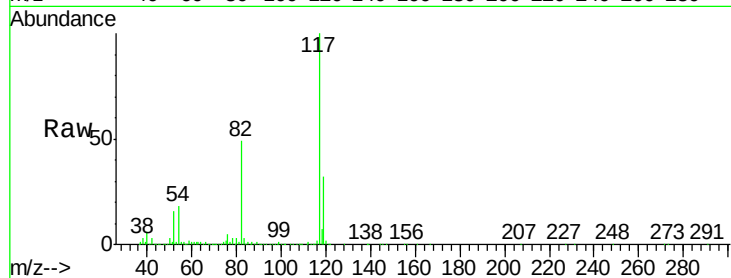




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX006944.D
Acq: 07 Jan 2019 19:01

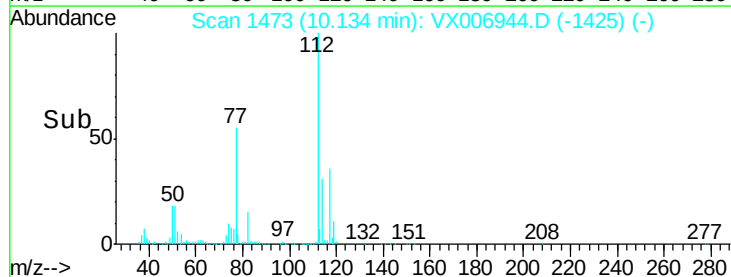
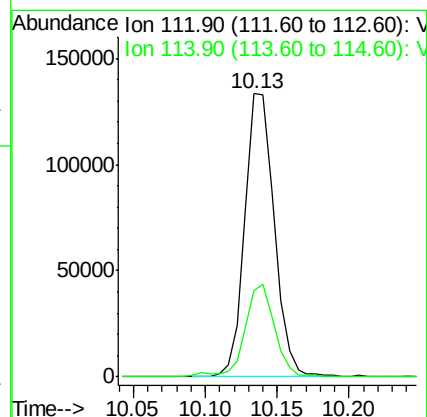
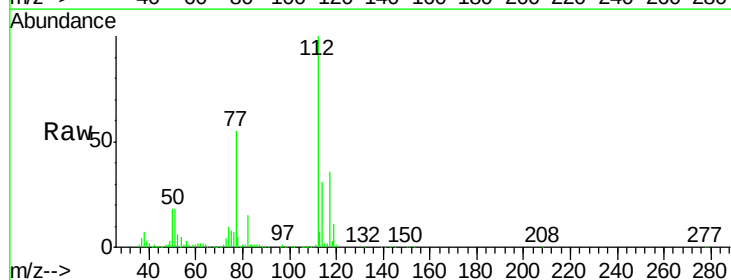
Instrument :
MSVOA_X
ClientSampled :

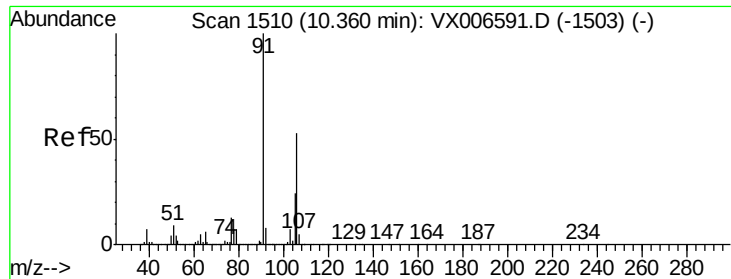
Tot Ion	Ratio	Lower	Upper
117	100		
82	48.5	41.0	61.6
119	32.5	25.4	38.0



#65
Chlorobenzene
Concen: 9.529 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VX006944.D
Acq: 07 Jan 2019 19:01

Tgt Ion	Ratio	Lower	Upper
112	100		
114	30.5	25.7	38.5

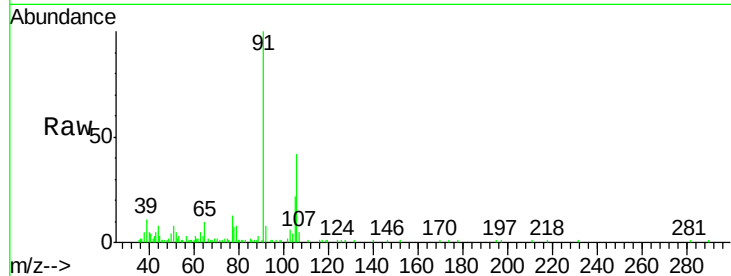




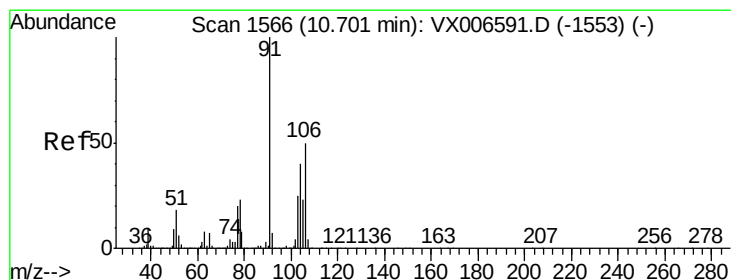
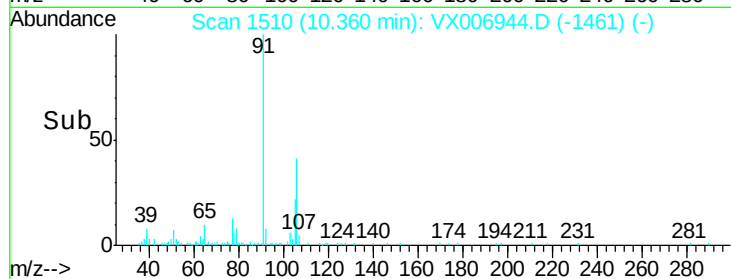
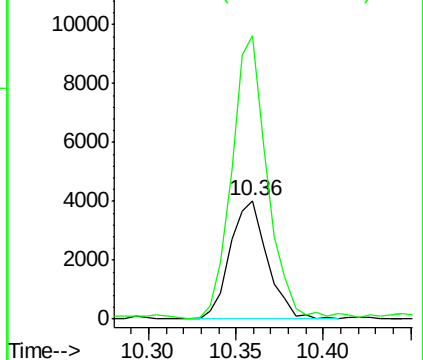
#68
m/p-Xylenes
Concen: 0.463 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX006944.D
Acq: 07 Jan 2019 19:01

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:106 Resp: 5922
Ion Ratio Lower Upper
106 100
91 230.8 155.8 233.6

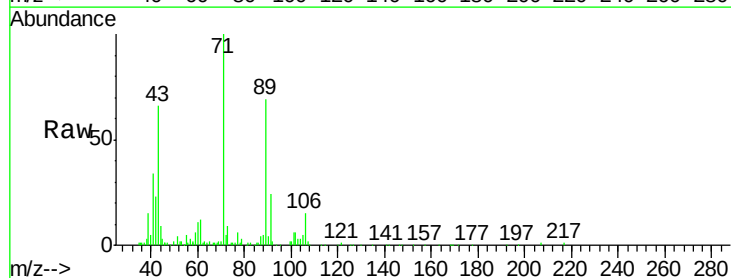


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

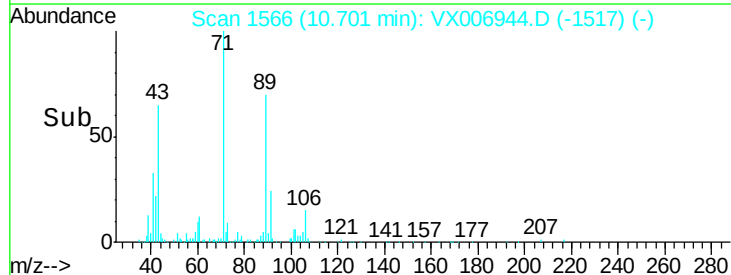
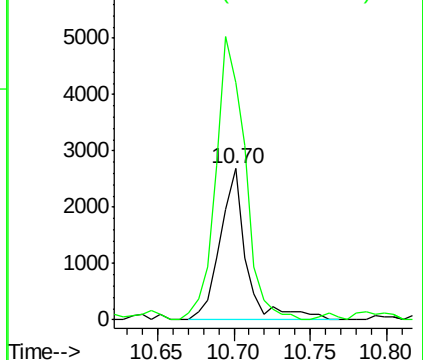


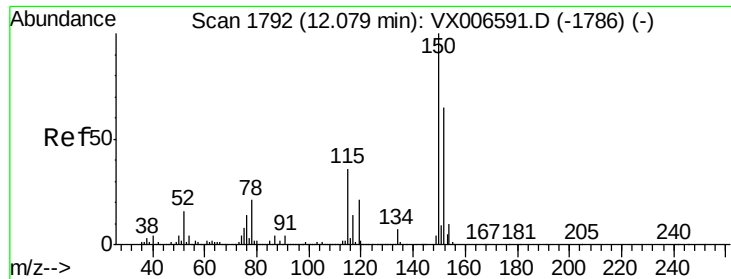
#69
o-Xylene
Concen: 0.254 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006944.D
Acq: 07 Jan 2019 19:01

Tgt Ion:106 Resp: 3212
Ion Ratio Lower Upper
106 100
91 207.4 101.3 303.7



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006944.D

Acq: 07 Jan 2019 19:01

Instrument :

MSVOA_X

ClientSampleId :

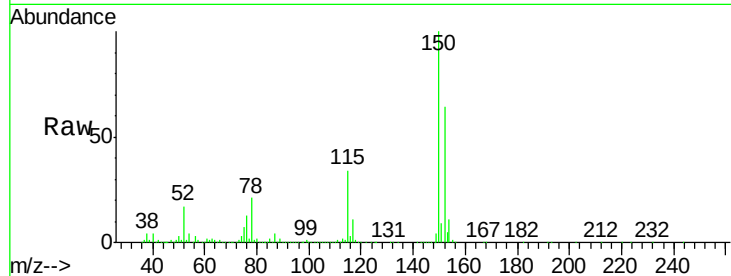
Tot Ion:152 Resp: 456144

Ion Ratio Lower Upper

152 100

115 54.8 39.1 117.2

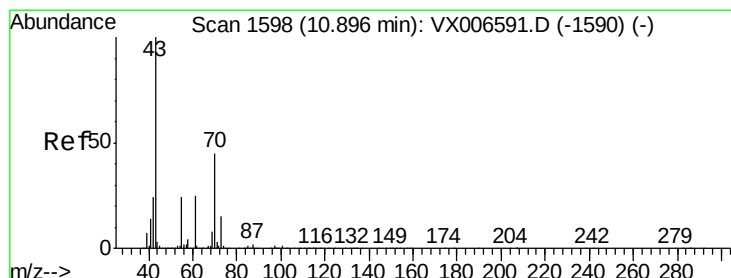
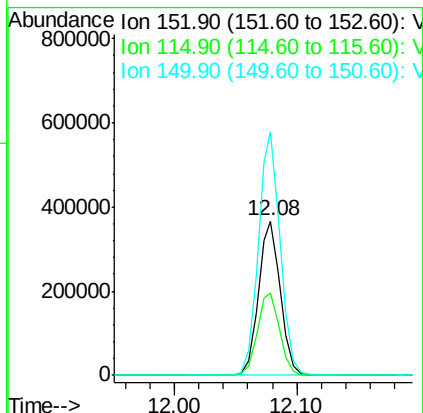
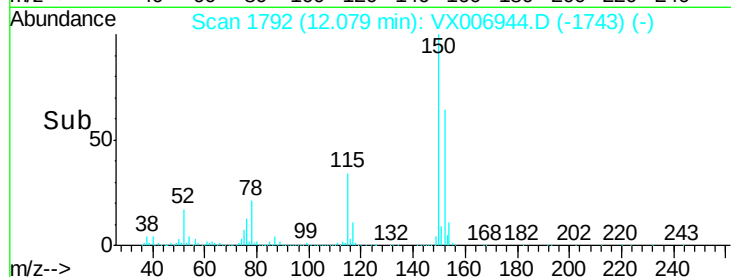
150 157.1 0.0 344.8



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



#74

N-ethyl acetate

Concen: 1.780 ug/l

RT: 10.69 min Scan# 1565

Delta R.T. -0.20 min

Lab File: VX006944.D

Acq: 07 Jan 2019 19:01

Tgt Ion: 43 Resp: 19882

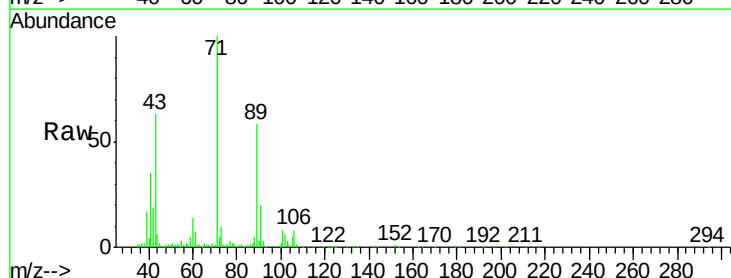
Ion Ratio Lower Upper

43 100

70 4.0 35.8 53.8#

55 5.4 19.4 29.0#

61 12.9 20.1 30.1#

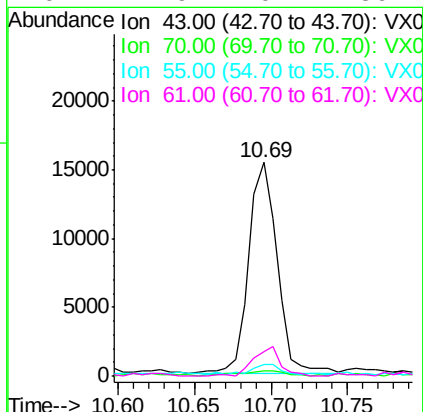
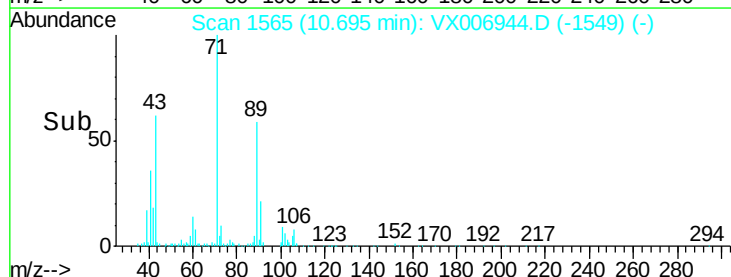


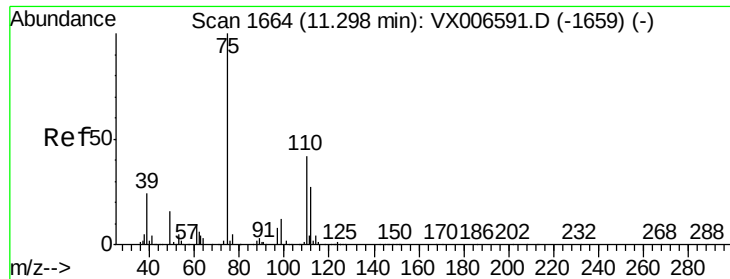
Abundance Ion 43.00 (42.70 to 43.70): VX0

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

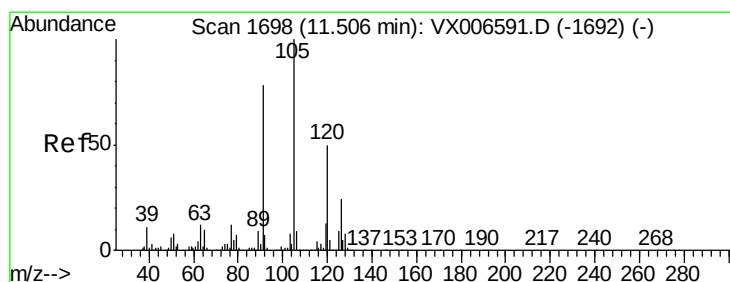
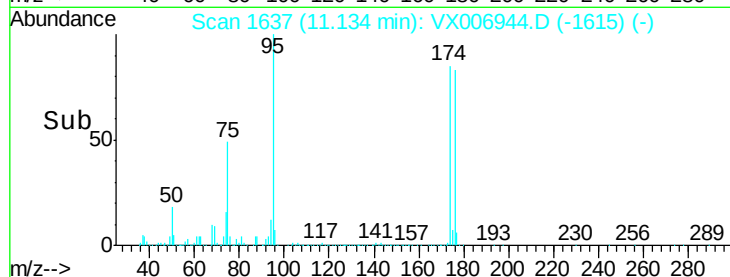
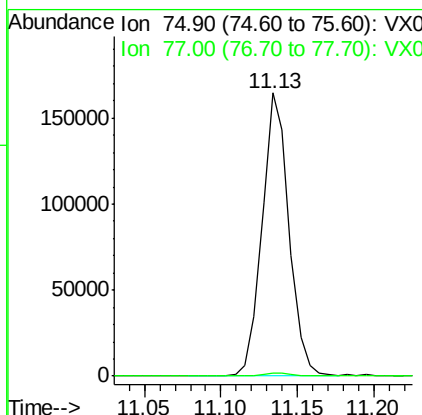
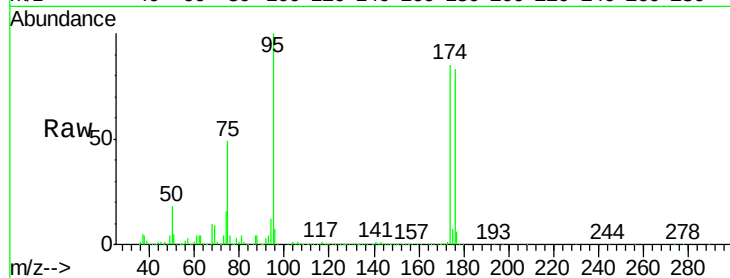




#76
 1,2,3-Trichloropropane
 Concen: 23.838 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX006944.D
 Acq: 07 Jan 2019 19:01

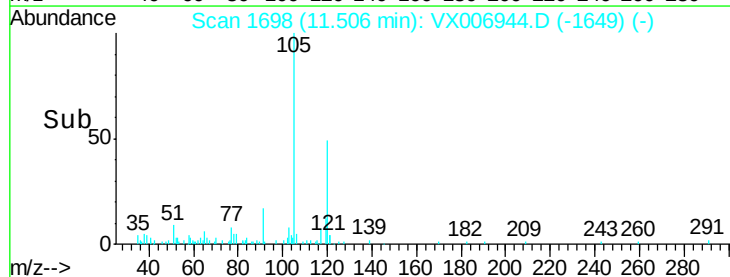
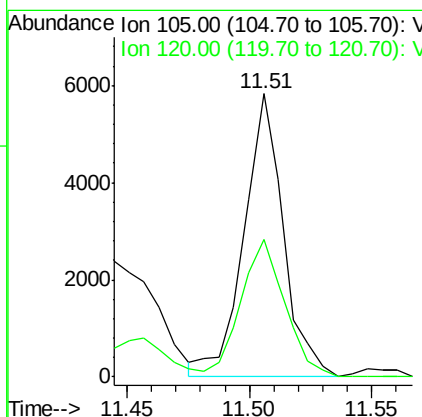
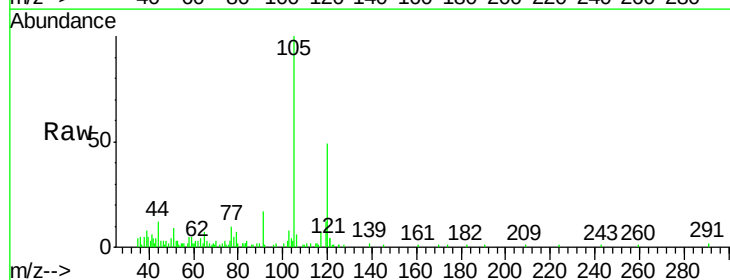
Instrument :
 MSVOA_X
 ClientSampleId :

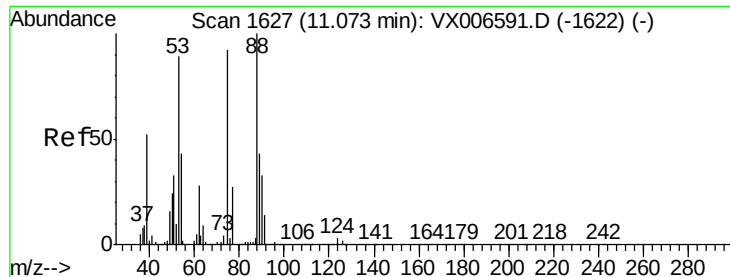
Tot Ion: 75 Resp: 202079
 Ion Ratio Lower Upper
 75 100
 77 1.3 18.5 55.5#



#80
 1,3,5-Trimethylbenzene
 Concen: 0.254 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX006944.D
 Acq: 07 Jan 2019 19:01

Tgt Ion: 105 Resp: 6534
 Ion Ratio Lower Upper
 105 100
 120 54.2 25.1 75.3





#81

trans-1,4-Dichloro-2-butene

Concen: 70.638 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX006944.D

Acq: 07 Jan 2019 19:01

Instrument :

MSVOA_X

ClientSampleId :

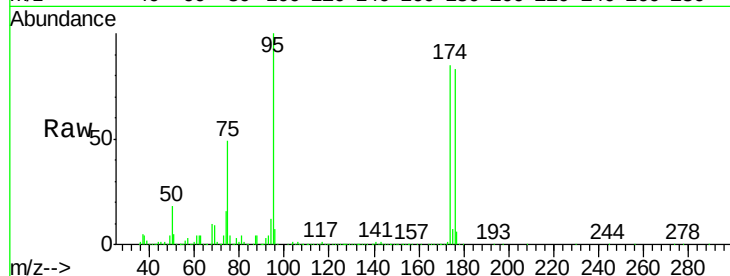
Tot Ion: 75 Resp: 202079

Ion Ratio Lower Upper

75 100

53 0.1 79.7 119.5#

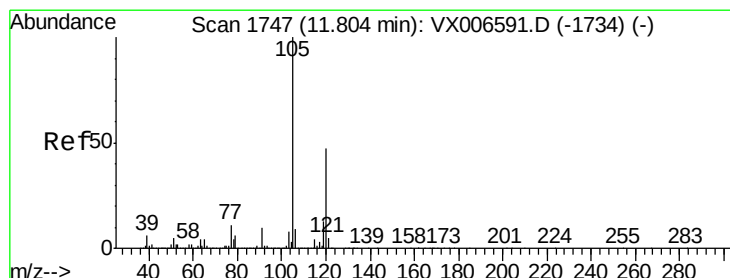
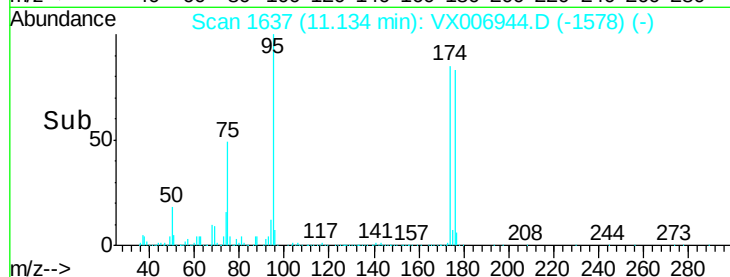
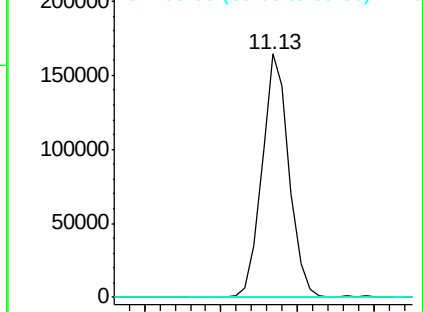
89 0.0 38.0 57.0#



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



#84

1,2,4-Trimethylbenzene

Concen: 0.355 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX006944.D

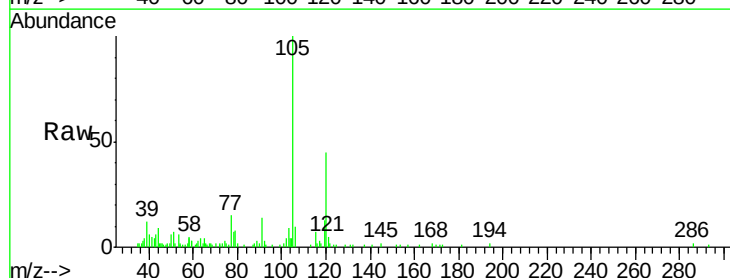
Acq: 07 Jan 2019 19:01

Tgt Ion:105 Resp: 9605

Ion Ratio Lower Upper

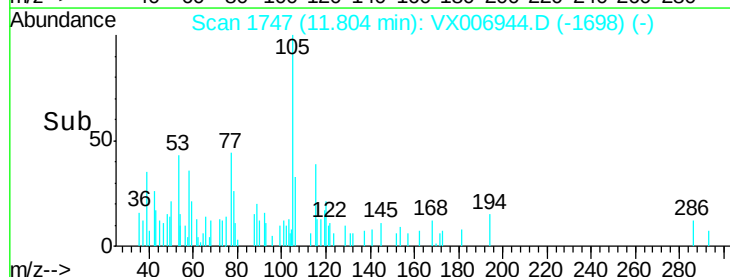
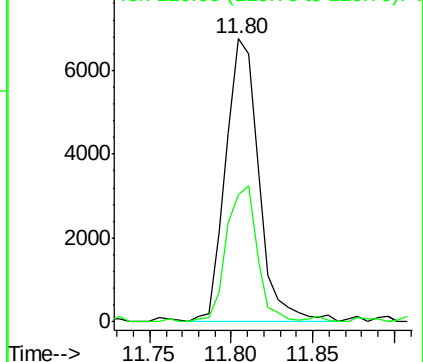
105 100

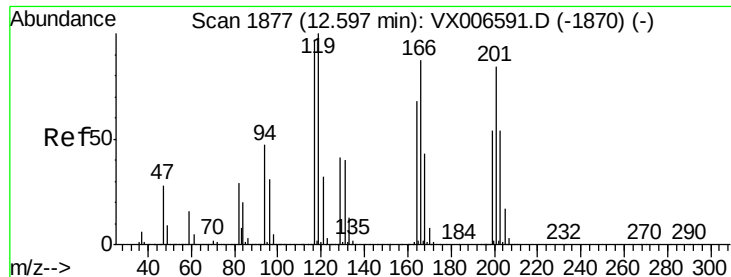
120 44.4 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#90

Hexachloroethane

Concen: 3.385 ug/l

RT: 12.59 min Scan# 1876

Delta R.T. -0.01 min

Lab File: VX006944.D

Acq: 07 Jan 2019 19:01

Instrument :

MSVOA_X

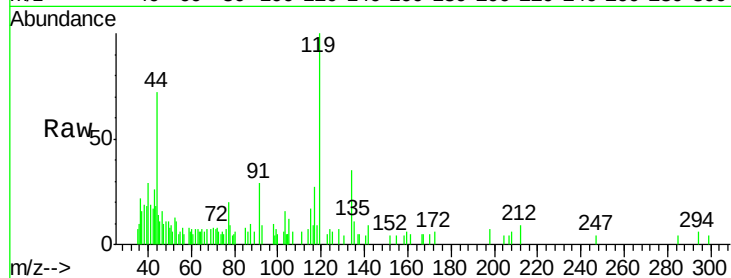
ClientSampleId :

Tot Ion:117 Resp: 428

Ion Ratio Lower Upper

117 100

201 0.0 42.9 128.7#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

12.59

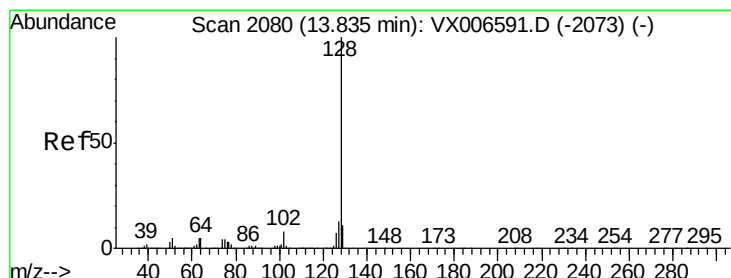
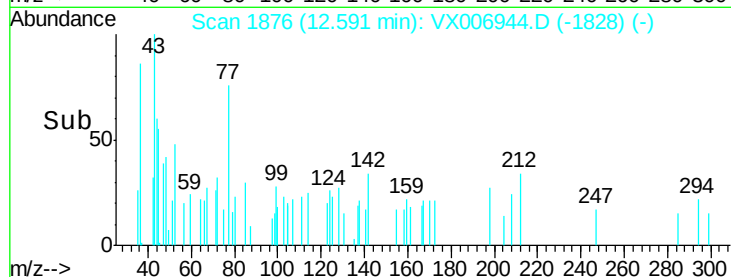
300

200

100

0

Time--> 12.54 12.56 12.58 12.60



#95

Naphthalene

Concen: 6.037 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006944.D

Acq: 07 Jan 2019 19:01

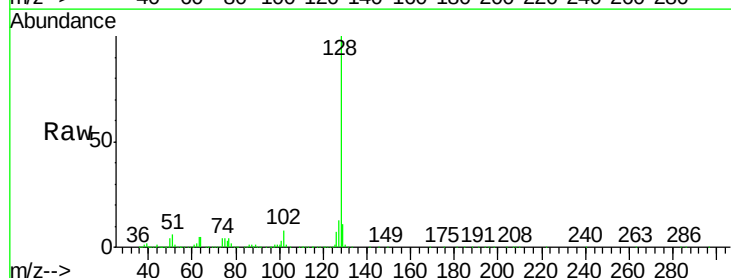
Tgt Ion:128 Resp: 202174

Ion Ratio Lower Upper

128 100

127 13.0 10.1 15.1

129 11.2 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

13.83

200000

150000

100000

50000

0

Time--> 13.80 13.90

