

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120618\
 Data File : VX006328.D
 Acq On : 06 Dec 2018 19:37
 Operator : JC/MD
 Sample : J6248-06
 Misc : 4.99µ/5mL/100µL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 07 04:32:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	720396	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1064765	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	980161	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	759263	50.00	ug/l	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	341466	46.43	ug/l	0.00
Spiked Amount			Recovery	=	92.86%	
35) Dibromofluoromethane	5.50	113	323014	46.85	ug/l	0.00
Spiked Amount			Recovery	=	93.70%	
50) Toluene-d8	8.71	98	1240938	49.49	ug/l	0.00
Spiked Amount			Recovery	=	98.98%	
62) 4-Bromofluorobenzene	11.12	95	1429626	151.29	ug/l	-0.02
Spiked Amount			Recovery	=	302.58%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	2609	0.483	ug/l	83
11) Tert butyl alcohol	3.01	59	4626	2.300	ug/l #	92
13) Acrolein	2.30	56	316	0.287	ug/l #	63
20) Methylene Chloride	2.85	84	4934	0.672	ug/l #	85
25) 2-Butanone	4.70	43	1323	0.269	ug/l #	83
36) 1,1-Dichloropropene	5.66	75	44184	4.928	ug/l #	48
38) Carbon Tetrachloride	5.65	117	62767	5.950	ug/l #	16
39) Methylcyclohexane	7.45	83	12379	1.064	ug/l	94
49) 1,4-Dioxane	7.77	88	121	0.603	ug/l #	1
51) 4-Methyl-2-Pentanone	8.66	43	32905	3.376	ug/l #	43
55) 1,1,2-Trichloroethane	9.16	97	251636	35.058	ug/l #	20
56) Ethyl methacrylate	9.16	69	49551	4.416	ug/l #	1
59) 2-Hexanone	9.45	43	1445037	194.069	ug/l #	28
60) Dibromochloromethane	9.55	129	3792	0.428	ug/l #	1
61) 1,2-Dibromoethane	9.68	107	2231	0.278	ug/l #	1
64) Tetrachloroethene	9.33	164	4004	0.542	ug/l	87
65) Chlorobenzene	10.07	112	18894	0.908	ug/l #	56
67) Ethyl Benzene	10.26	91	137544	3.975	ug/l	94
68) m/p-Xylenes	10.37	106	552309	39.843	ug/l	85
69) o-Xylene	10.71	106	332601	24.291	ug/l	98
70) Styrene	10.71	104	16978	0.767	ug/l #	1
73) Isopropylbenzene	11.02	105	2561278	48.848	ug/l	99
74) N-amyl acetate	10.92	43	4573101	202.537	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.29	83	5653348	337.017	ug/l #	36
76) 1,2,3-Trichloropropane	11.15	75	269095	18.362	ug/l	94
78) n-propylbenzene	11.37	91	7177763	123.149	ug/l	98
79) 2-Chlorotoluene	11.46	91	1071151	30.920	ug/l #	57
80) 1,3,5-Trimethylbenzene	11.52	105	4174623	95.690	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.02	75	27878	4.464	ug/l #	1
82) 4-Chlorotoluene	11.68	91	355775	8.833	ug/l	91
83) tert-Butylbenzene	11.78	119	2462337	52.899	ug/l	86
84) 1,2,4-Trimethylbenzene	11.81	105	18446366	409.480	ug/l #	46
85) sec-Butylbenzene	11.96	105	12535367	236.720	ug/l #	67
86) p-Isopropyltoluene	12.07	119	10113253	212.091	ug/l	96

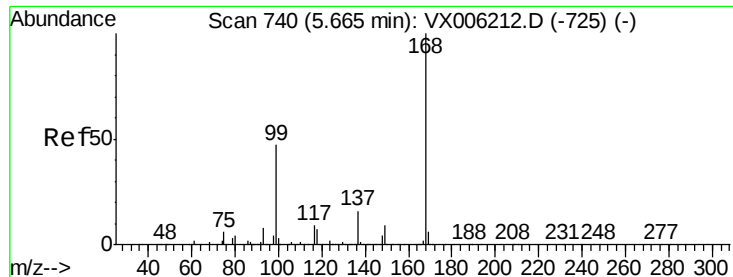
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120618\
Data File : VX006328.D
Acq On : 06 Dec 2018 19:37
Operator : JC/MD
Sample : J6248-06
Misc : 4.99g/5mL/100uL/5.0ml/MSVOA_X/MEOH
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Dec 07 04:32:48 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) 1,4-Dichlorobenzene	12.10	146	7684	0.292	ug/l #	1
89) n-Butylbenzene	12.40	91	15847880	389.518	ug/l #	54
90) Hexachloroethane	12.60	117	1928841	198.472	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	12.99	75	168853	39.268	ug/l #	1
95) Naphthalene	13.83	128	6613435	113.406	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX006328.D

Acq: 06 Dec 2018 19:37

Instrument :

MSVOA_X

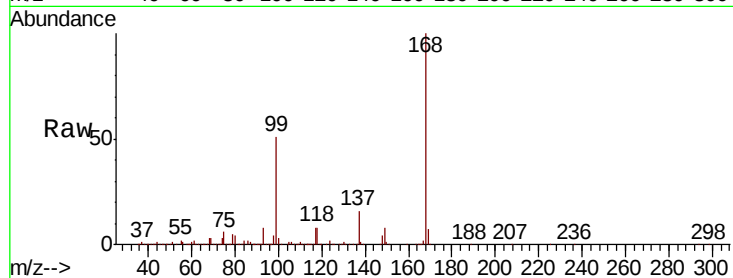
ClientSampled :

Tot Ion:168 Resp: 720396

Ion Ratio Lower Upper

168 100

99 50.8 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

250000

200000

150000

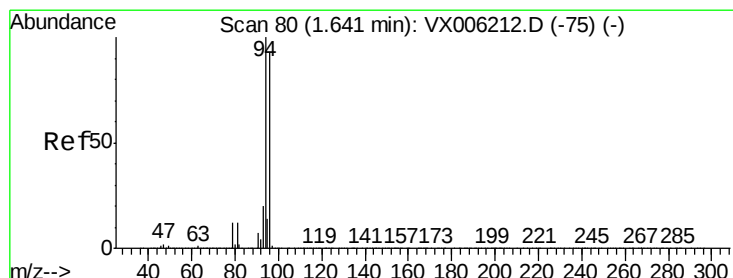
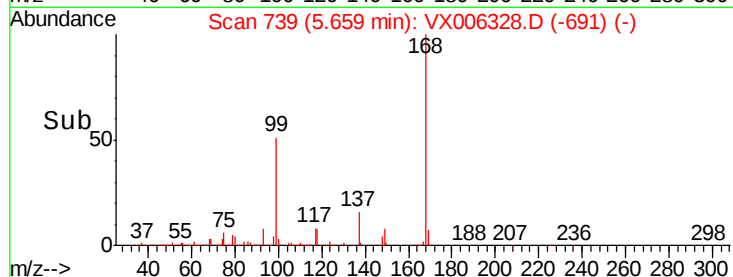
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 0.483 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX006328.D

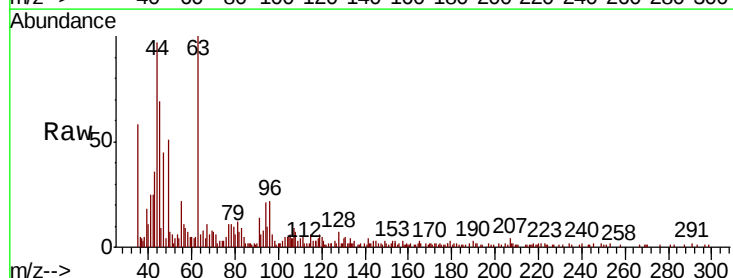
Acq: 06 Dec 2018 19:37

Tgt Ion: 94 Resp: 2609

Ion Ratio Lower Upper

94 100

96 109.2 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

1500

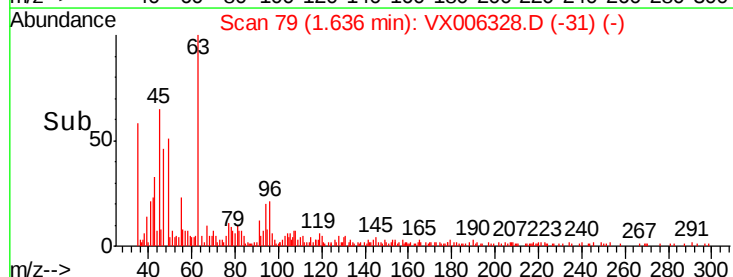
1000

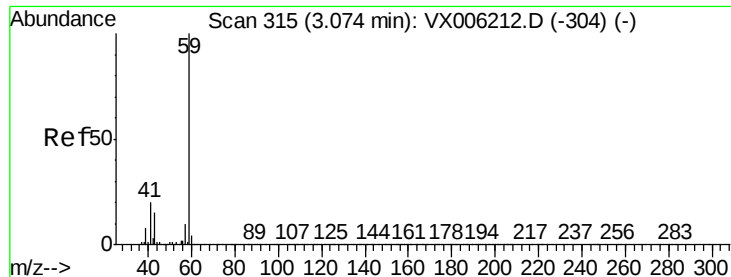
500

0

Time-->

1.55 1.60 1.65

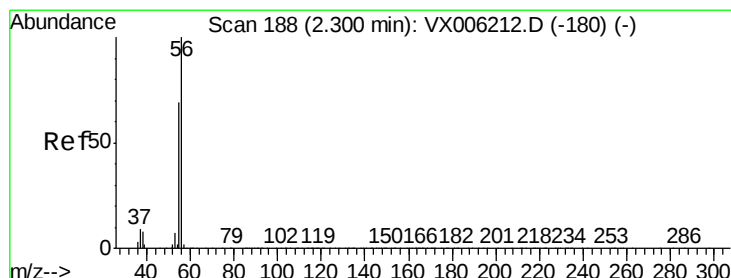
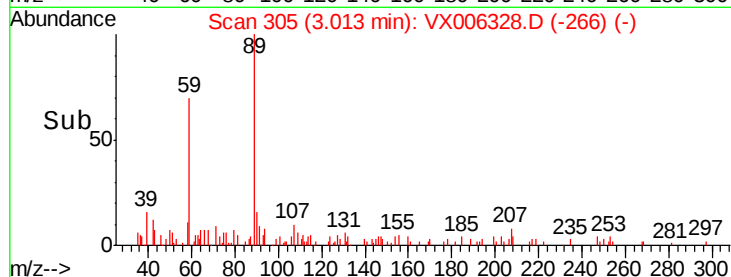
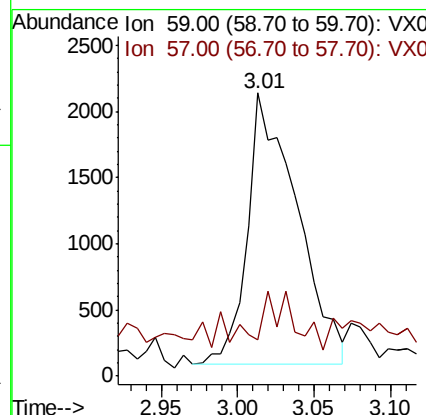
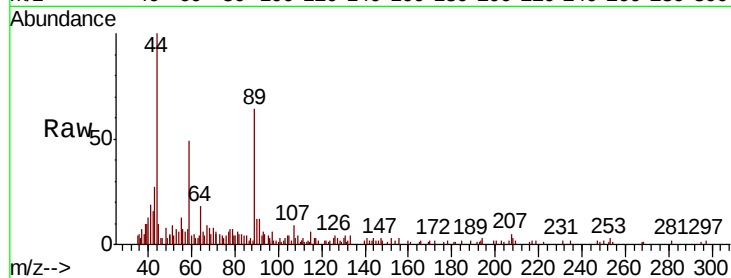




#11
Tert butyl alcohol
Concen: 2.300 ug/l
RT: 3.01 min Scan# 305
Delta R.T. -0.06 min
Lab File: VX006328.D
Acq: 06 Dec 2018 19:37

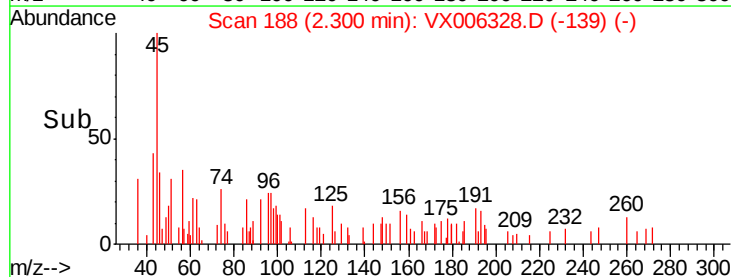
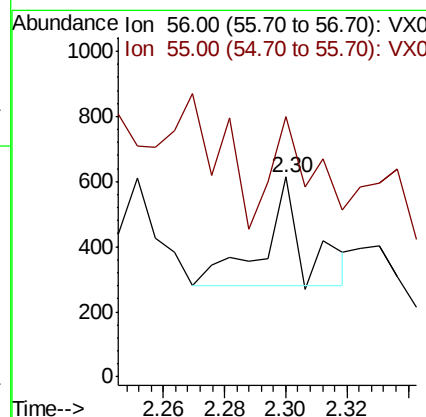
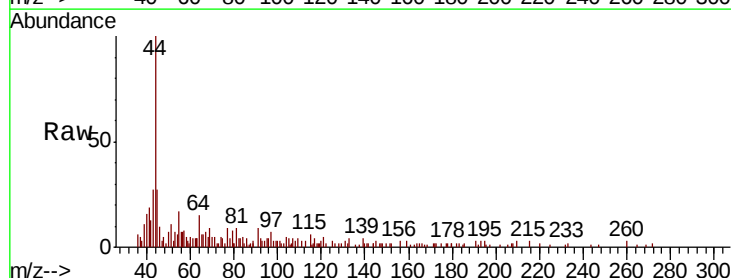
Instrument :
MSVOA_X
ClientSampleId :

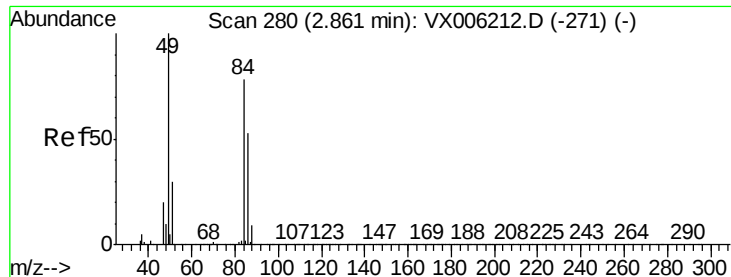
Tot Ion: 59 Resp: 4626
Ion Ratio Lower Upper
59 100
57 7.0 8.2 12.2#



#13
Acrolein
Concen: 0.287 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.00 min
Lab File: VX006328.D
Acq: 06 Dec 2018 19:37

Tgt Ion: 56 Resp: 316
Ion Ratio Lower Upper
56 100
55 103.2 57.8 86.6#

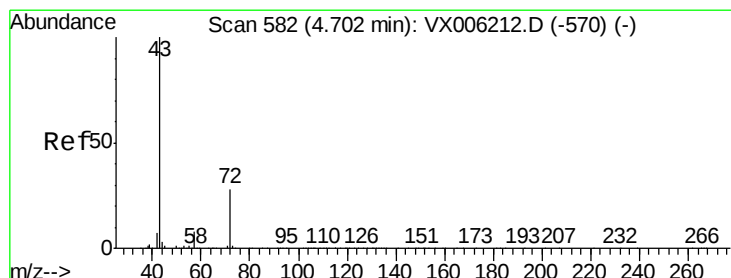
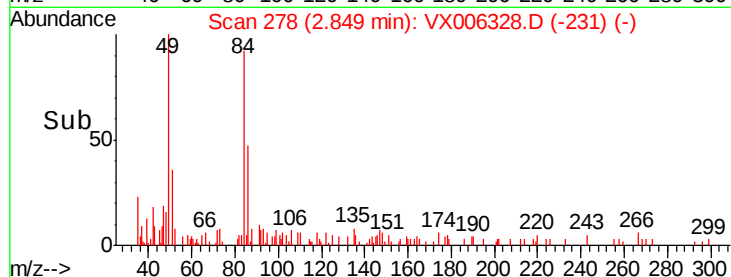
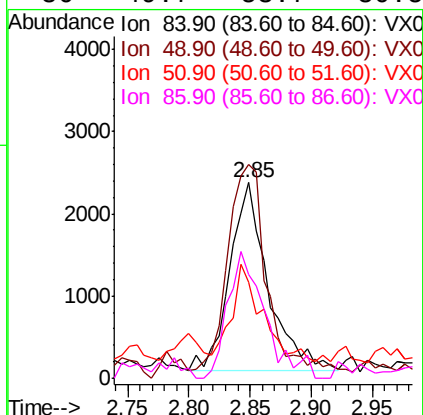
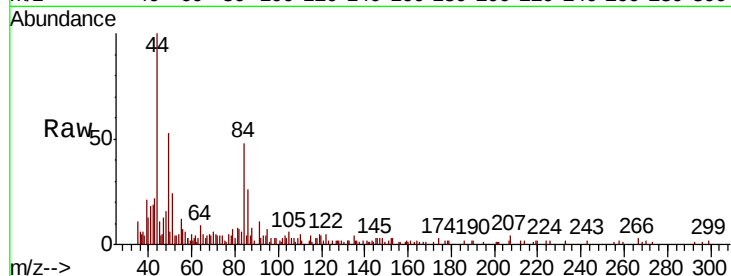




#20
Methvlene Chloride
Concen: 0.672 ug/l
RT: 2.85 min Scan# 278
Delta R.T. -0.01 min
Lab File: VX006328.D
Acq: 06 Dec 2018 19:37

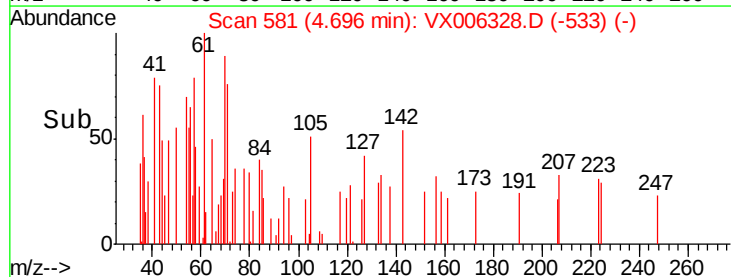
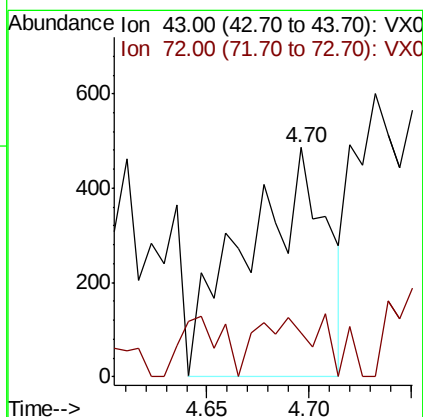
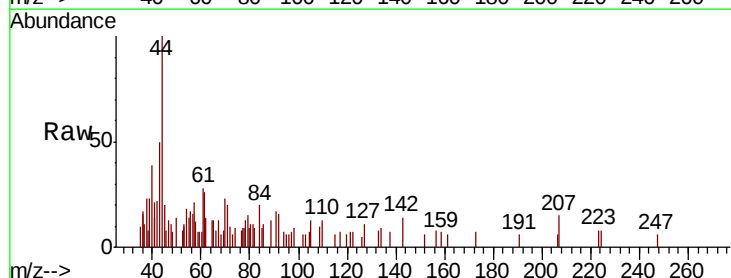
Instrument :
MSVOA_X
ClientSampleId :

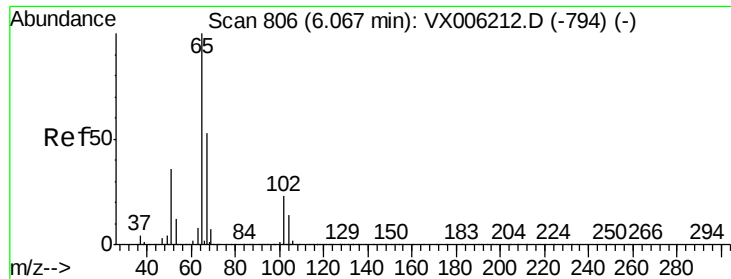
Tot Ion: 84 Resp: 4934
Ion Ratio Lower Upper
84 100
49 109.9 102.2 153.4
51 36.9 31.1 46.7
86 49.7 53.7 80.5#



#25
2-Butanone
Concen: 0.269 ug/l
RT: 4.70 min Scan# 581
Delta R.T. -0.01 min
Lab File: VX006328.D
Acq: 06 Dec 2018 19:37

Tgt Ion: 43 Resp: 1323
Ion Ratio Lower Upper
43 100
72 19.1 22.6 33.8#





#33

1,2-Dichloroethane-d4

Concen: 46.432 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006328.D

Acq: 06 Dec 2018 19:37

Instrument :

MSVOA_X

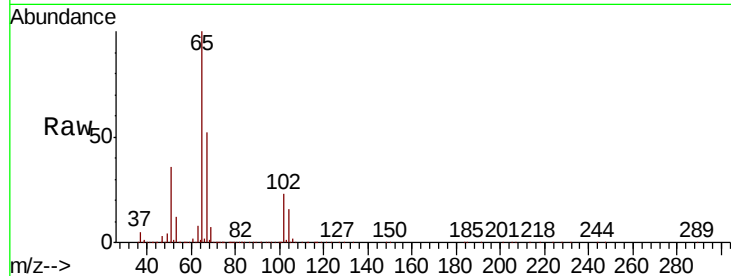
ClientSampleId :

Tot Ion: 65 Resp: 341466

Ion Ratio Lower Upper

65 100

67 53.0 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

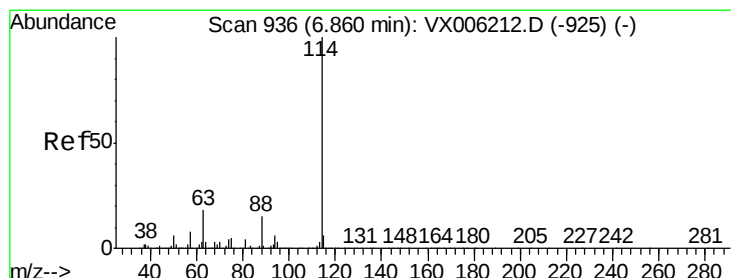
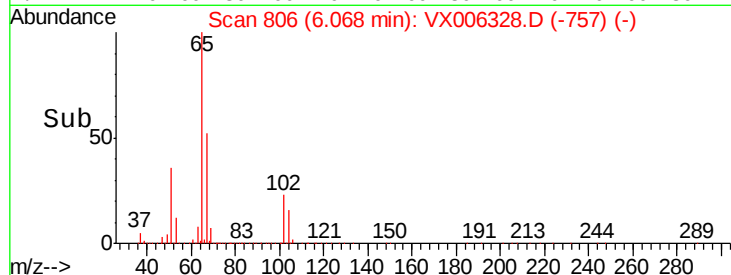
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 936

Delta R.T. -0.01 min

Lab File: VX006328.D

Acq: 06 Dec 2018 19:37

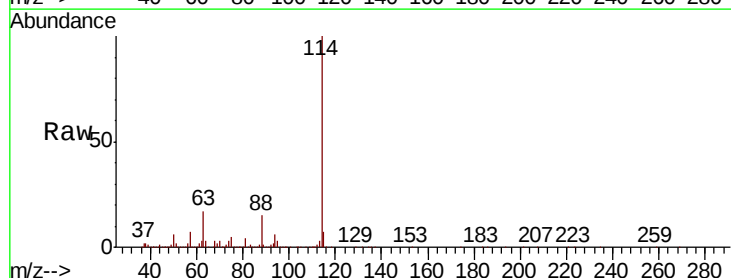
Tgt Ion: 114 Resp: 1064765

Ion Ratio Lower Upper

114 100

63 17.3 0.0 36.6

88 15.3 0.0 29.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.85

600000

500000

400000

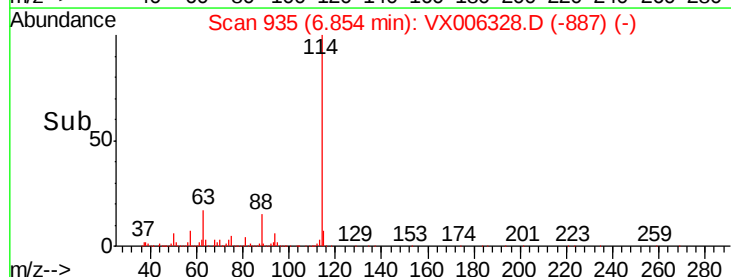
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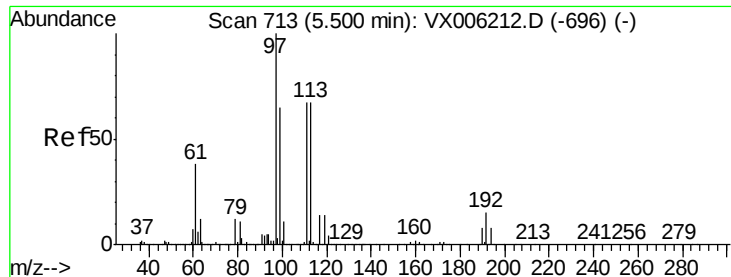
200000

100000

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Time-->

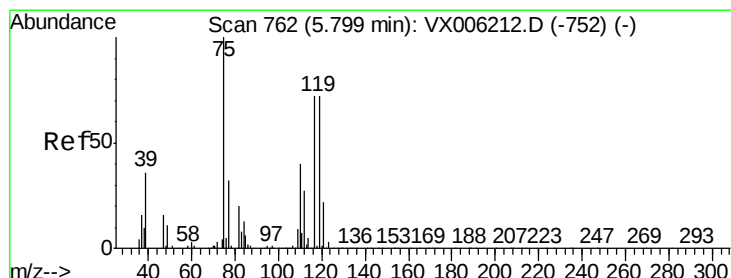
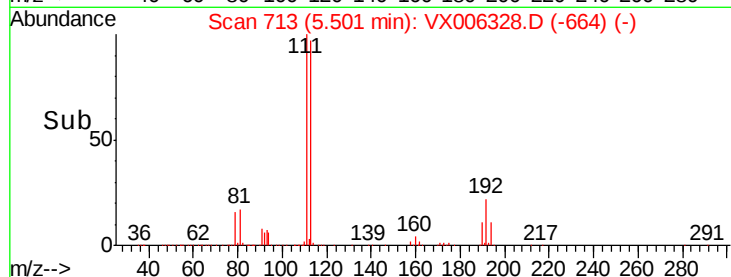
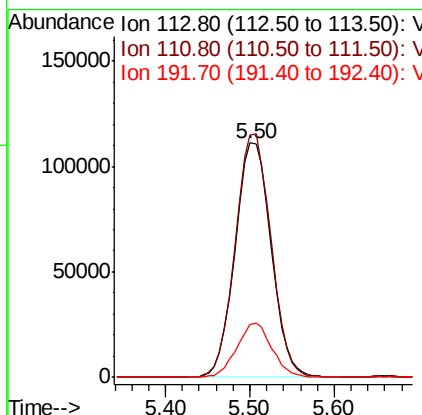
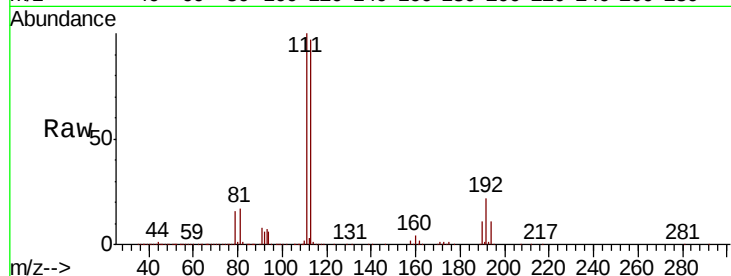




#35
 Dibromofluoromethane
 Concen: 46.855 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX006328.D
 Acq: 06 Dec 2018 19:37

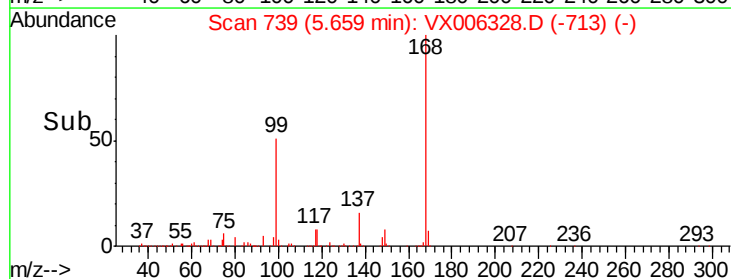
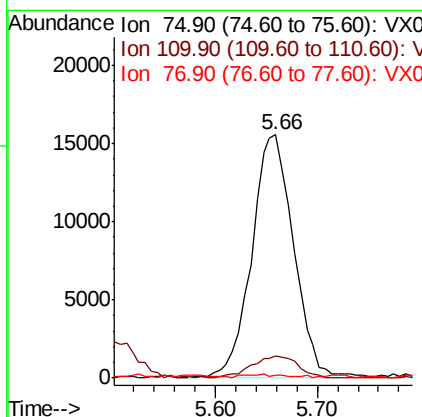
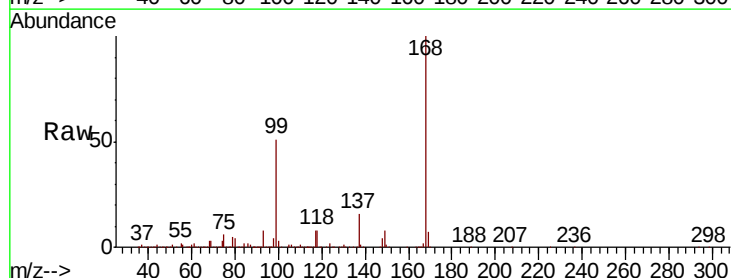
Instrument :
 MSVOA_X
 ClientSampleId :

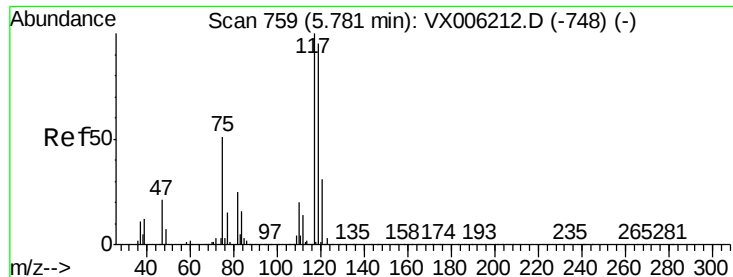
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.1	121.7
192	22.3	18.2	27.2



#36
 1,1-Dichloropropene
 Concen: 4.928 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX006328.D
 Acq: 06 Dec 2018 19:37

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.2	20.4	61.3#
77	0.9	24.9	37.3#





#38

Carbon Tetrachloride

Concen: 5.950 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.13 min

Lab File: VX006328.D

Acq: 06 Dec 2018 19:37

Instrument :

MSVOA_X

ClientSampleId :

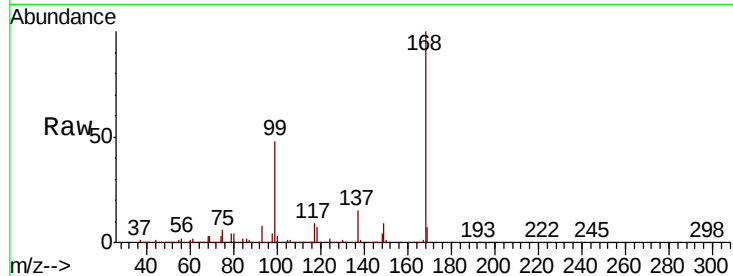
Tot Ion:117 Resp: 62767

Ion Ratio Lower Upper

117 100

119 4.7 75.8 113.8#

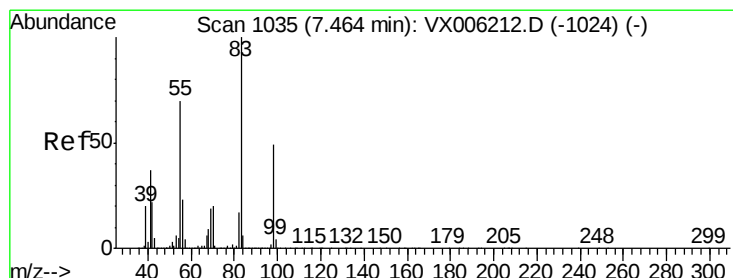
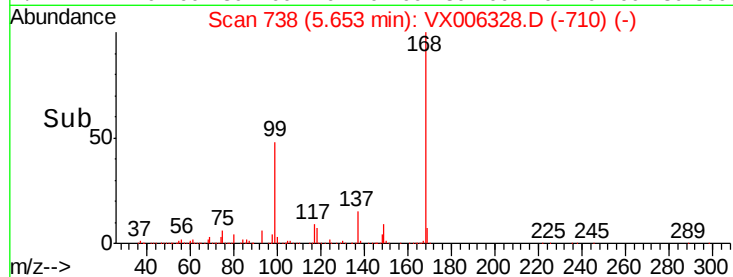
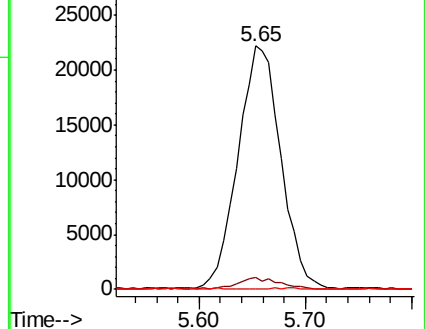
121 0.0 24.6 37.0#



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



#39

Methylcyclohexane

Concen: 1.064 ug/l

RT: 7.45 min Scan# 1033

Delta R.T. -0.01 min

Lab File: VX006328.D

Acq: 06 Dec 2018 19:37

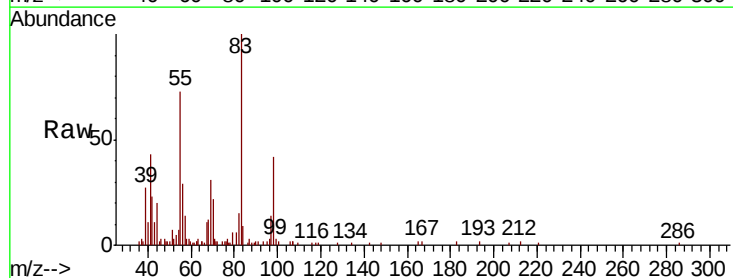
Tgt Ion: 83 Resp: 12379

Ion Ratio Lower Upper

83 100

55 68.1 56.4 84.6

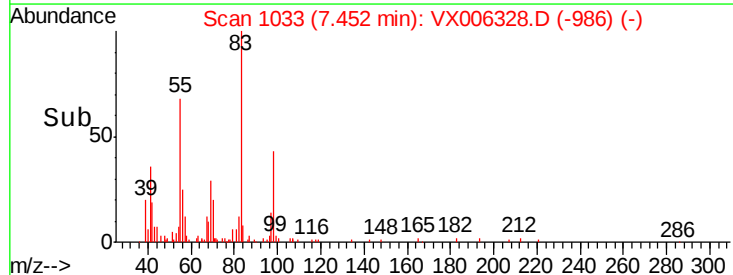
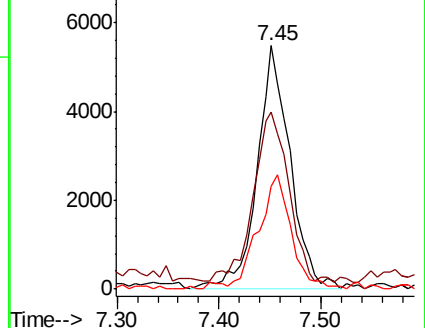
98 40.9 39.0 58.6

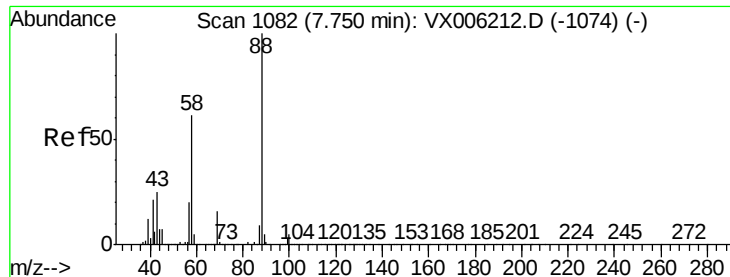


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

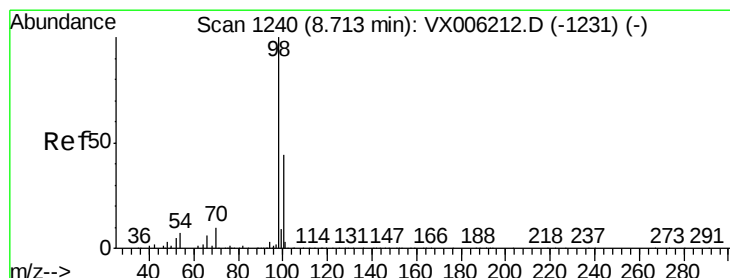
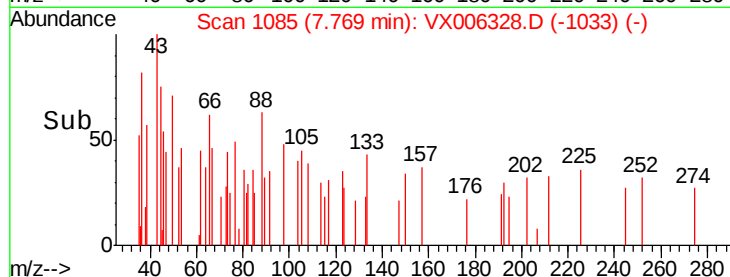
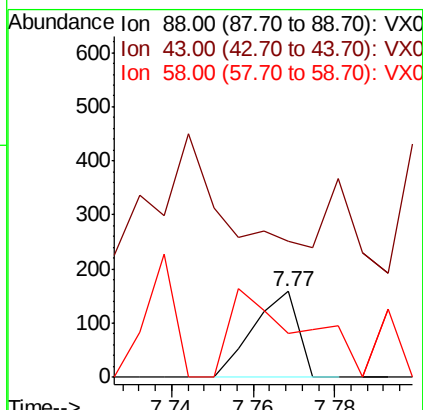
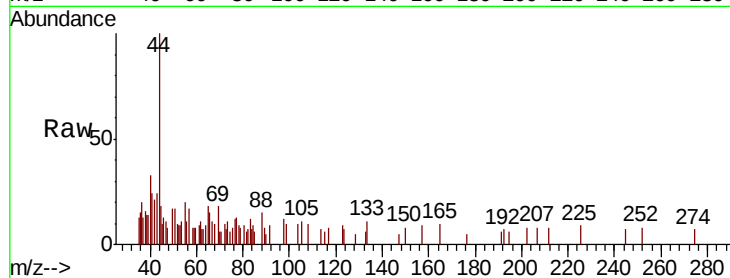




#49
1,4-Dioxane
Concen: 0.603 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. 0.02 min
Lab File: VX006328.D
Acq: 06 Dec 2018 19:37

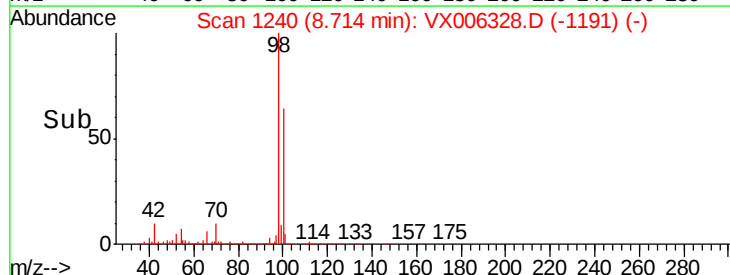
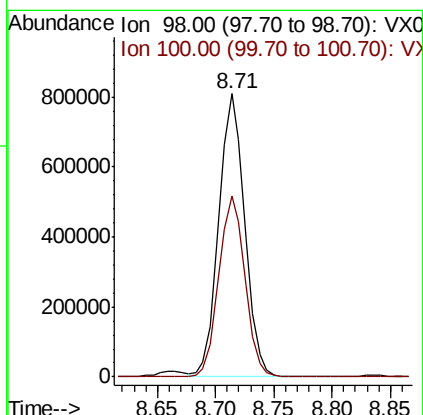
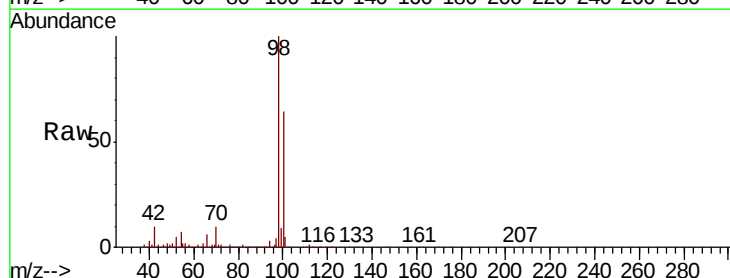
Instrument :
MSVOA_X
ClientSampled :

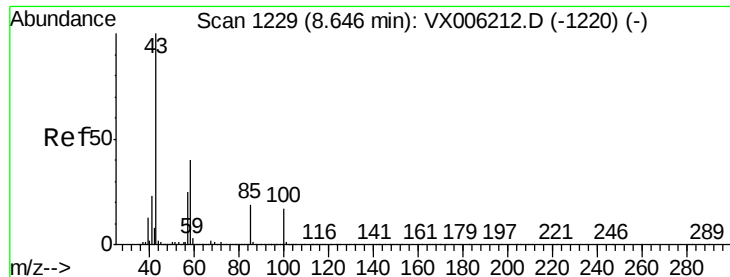
Tot Ion: 88 Resp: 121
Ion Ratio Lower Upper
88 100
43 0.0 23.2 34.8#
58 166.1 51.4 77.0#



#50
Toluene-d8
Concen: 49.487 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006328.D
Acq: 06 Dec 2018 19:37

Tgt Ion: 98 Resp: 1240938
Ion Ratio Lower Upper
98 100
100 64.4 52.2 78.2

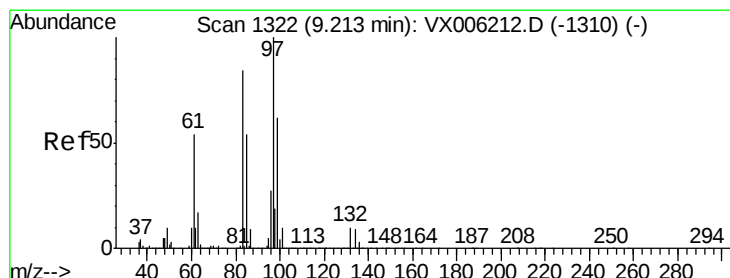
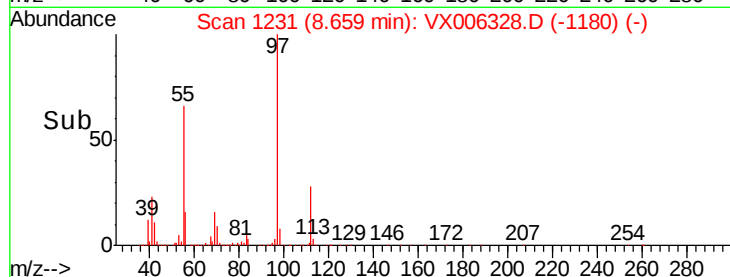
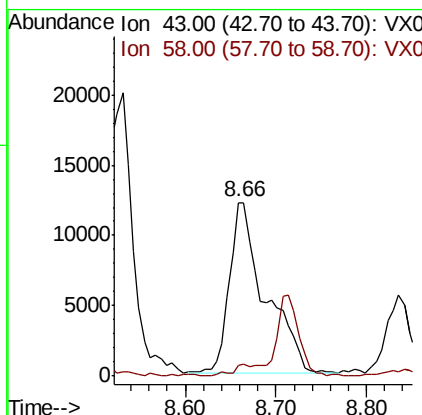
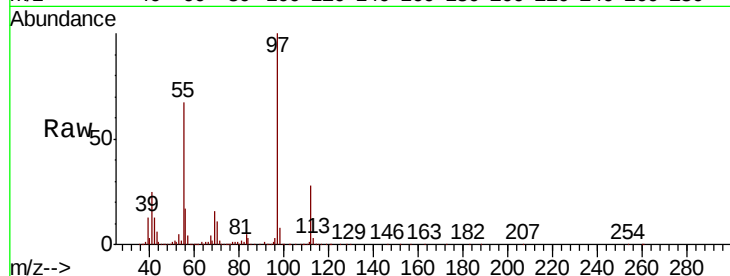




#51
 4-Methyl-2-Pentanone
 Concen: 3.376 ug/l
 RT: 8.66 min Scan# 1231
 Delta R.T. 0.01 min
 Lab File: VX006328.D
 Acq: 06 Dec 2018 19:37

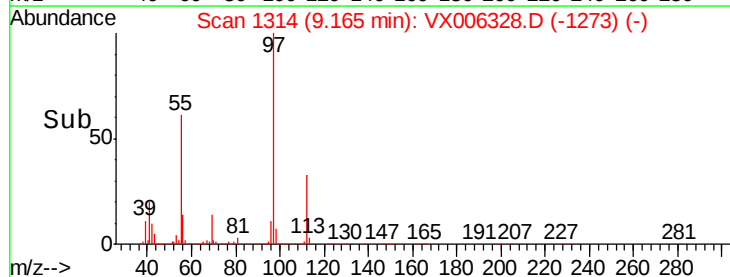
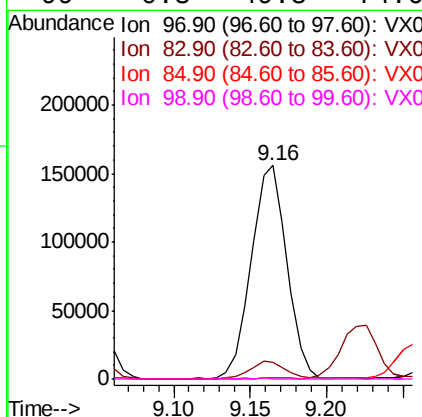
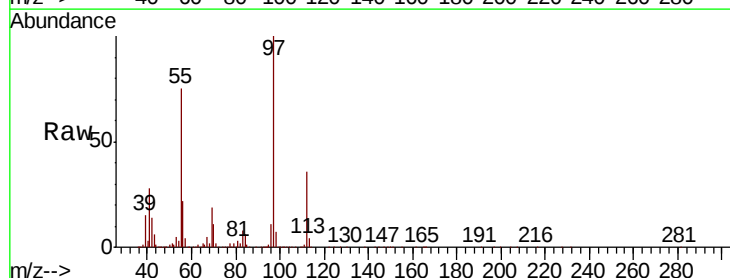
Instrument :
 MSVOA_X
 ClientSampled :

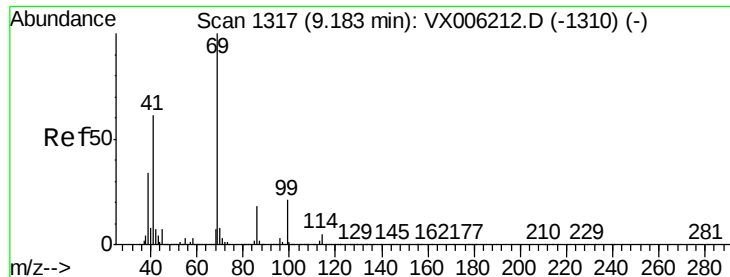
Tot Ion: 43 Resp: 32905
 Ion Ratio Lower Upper
 43 100
 58 4.4 31.3 46.9#



#55
 1,1,2-Trichloroethane
 Concen: 35.058 ug/l
 RT: 9.16 min Scan# 1314
 Delta R.T. -0.05 min
 Lab File: VX006328.D
 Acq: 06 Dec 2018 19:37

Tgt Ion: 97 Resp: 251636
 Ion Ratio Lower Upper
 97 100
 83 7.8 67.1 100.7#
 85 0.4 43.2 64.8#
 99 0.3 49.8 74.6#





#56

Ethyl methacrylate

Concen: 4.416 ug/l

RT: 9.16 min Scan# 1313

Delta R.T. -0.02 min

Lab File: VX006328.D

Acq: 06 Dec 2018 19:37

Instrument :

MSVOA_X

ClientSampled :

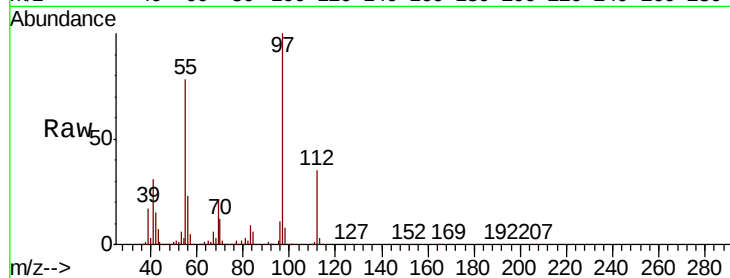
Tot Ion: 69 Resp: 49551

Ion Ratio Lower Upper

69 100

41 151.5 50.6 76.0#

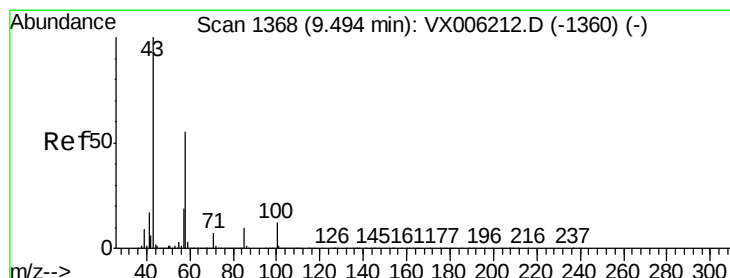
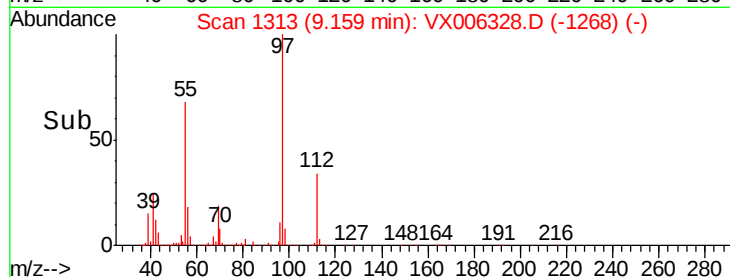
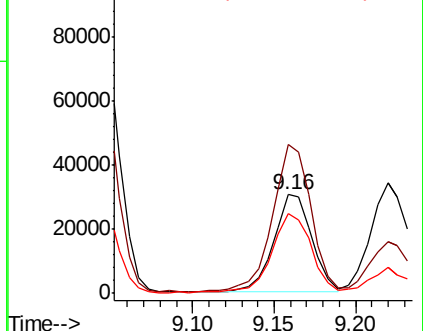
39 82.9 27.6 41.4#



Abundance Ion 69.00 (68.70 to 69.70): VX006328.D (-1268) (-)

Ion 41.00 (40.70 to 41.70): VX006328.D (-1268) (-)

Ion 39.00 (38.70 to 39.70): VX006328.D (-1268) (-)



#59

2-Hexanone

Concen: 194.069 ug/l

RT: 9.45 min Scan# 1360

Delta R.T. -0.05 min

Lab File: VX006328.D

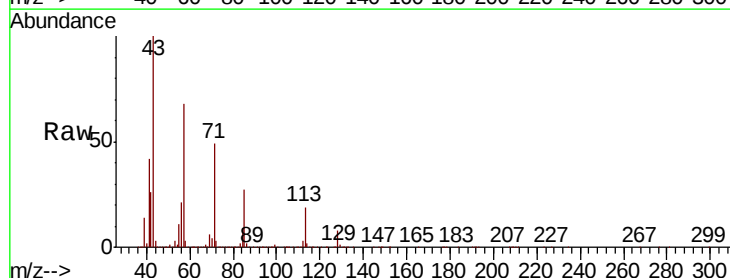
Acq: 06 Dec 2018 19:37

Tgt Ion: 43 Resp: 1445037

Ion Ratio Lower Upper

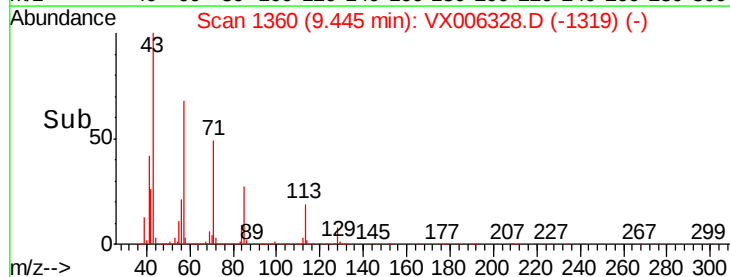
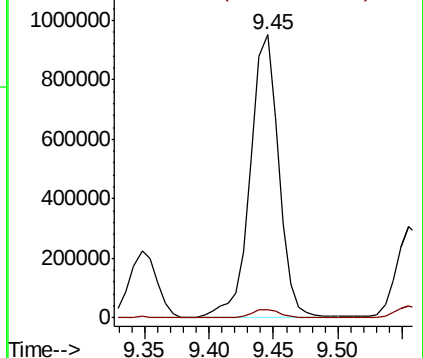
43 100

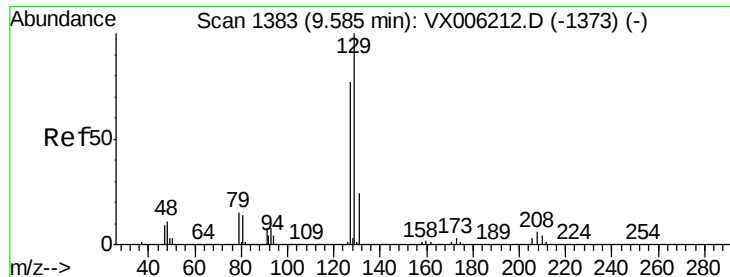
58 3.1 27.7 83.1#



Abundance Ion 43.00 (42.70 to 43.70): VX006328.D (-1319) (-)

Ion 58.00 (57.70 to 58.70): VX006328.D (-1319) (-)





#60

Dibromochloromethane

Concen: 0.428 ug/l

RT: 9.55 min Scan# 1378

Delta R.T. -0.03 min

Lab File: VX006328.D

Acq: 06 Dec 2018 19:37

Instrument :

MSVOA_X

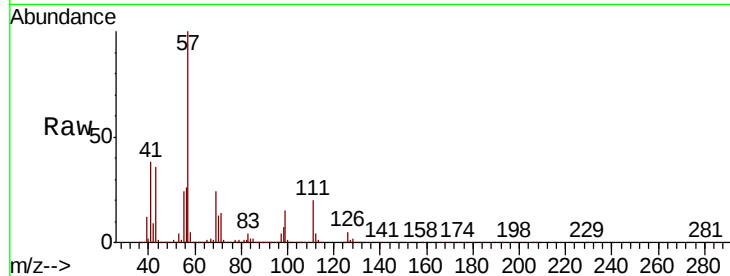
ClientSampleId :

Tot Ion:129 Resp: 3792

Ion Ratio Lower Upper

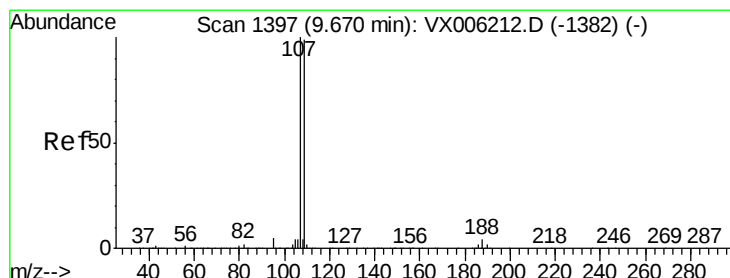
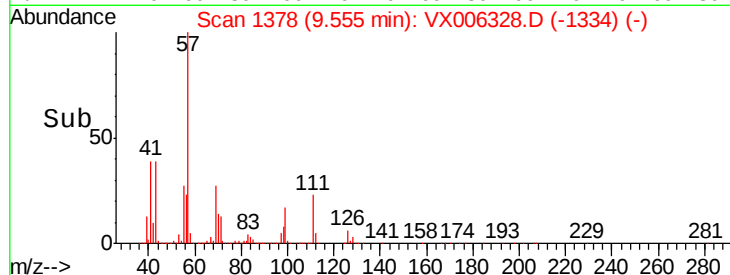
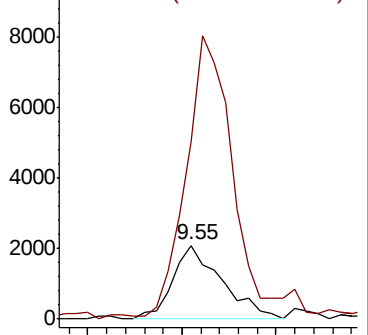
129 100

127 378.8 38.6 115.8#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 0.278 ug/l

RT: 9.68 min Scan# 1398

Delta R.T. 0.01 min

Lab File: VX006328.D

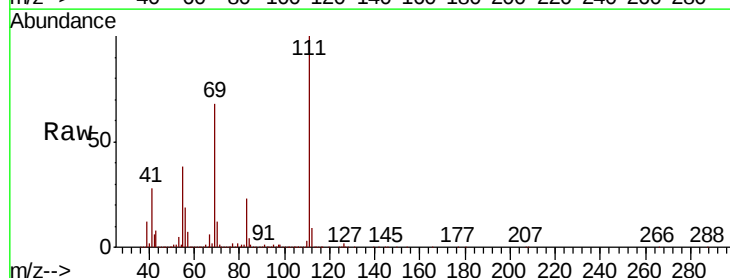
Acq: 06 Dec 2018 19:37

Tgt Ion:107 Resp: 2231

Ion Ratio Lower Upper

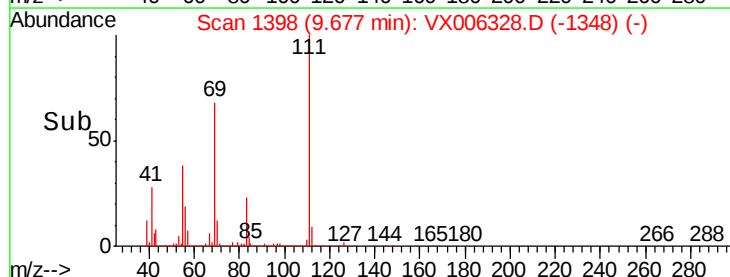
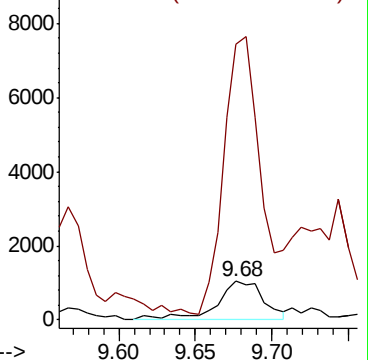
107 100

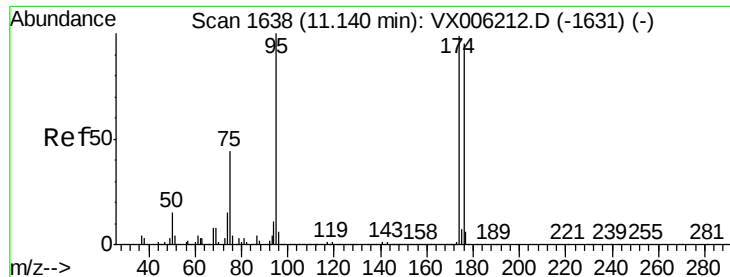
109 564.8 76.3 114.5#



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 151.293 ug/l

RT: 11.12 min Scan# 1635

Delta R.T. -0.02 min

Lab File: VX006328.D

Acq: 06 Dec 2018 19:37

Instrument :

MSVOA_X

ClientSampleId :

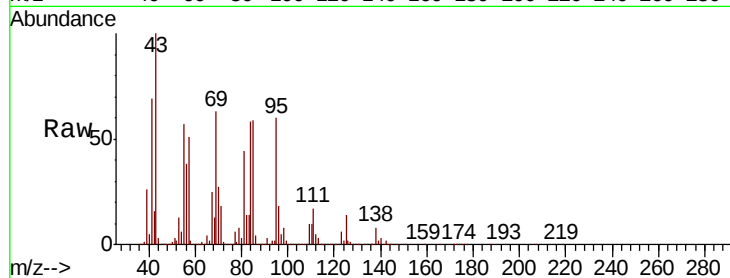
Tot Ion: 95 Resp: 1429626

Ion Ratio Lower Upper

95 100

174 0.0 0.0 187.0

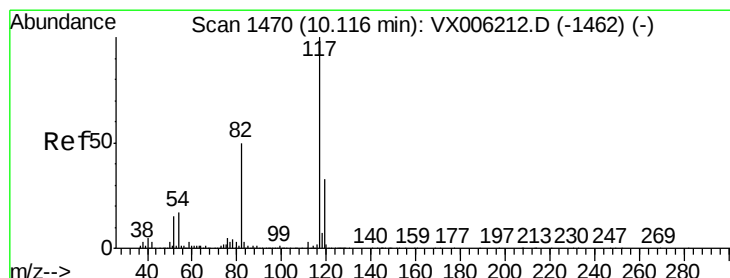
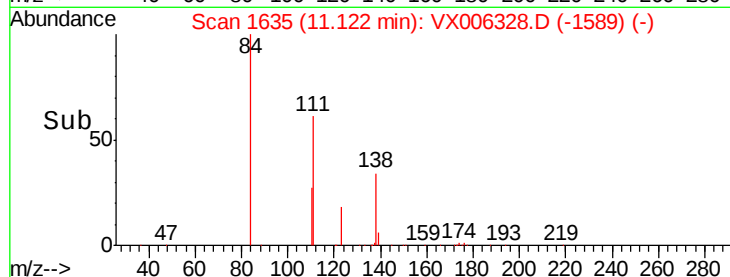
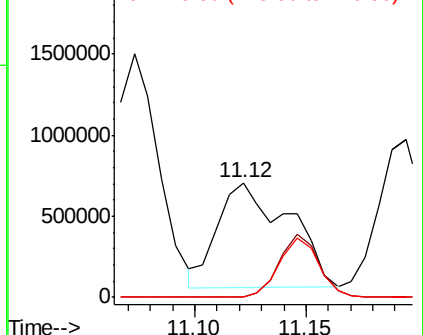
176 0.0 0.0 181.8



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. 0.00 min

Lab File: VX006328.D

Acq: 06 Dec 2018 19:37

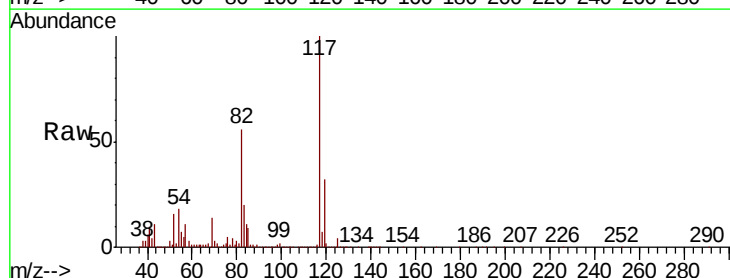
Tgt Ion: 117 Resp: 980161

Ion Ratio Lower Upper

117 100

82 51.2 39.6 59.4

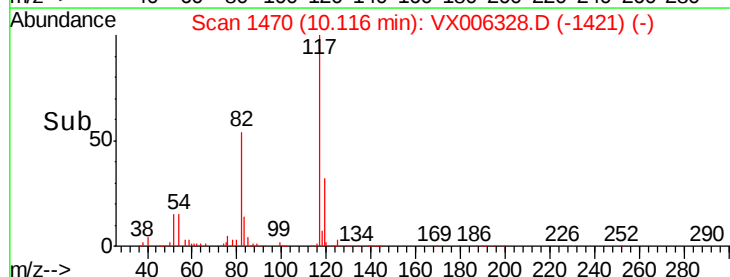
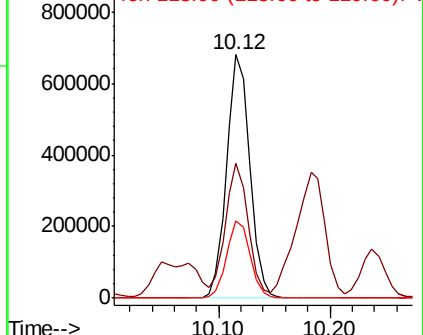
119 31.8 26.3 39.5

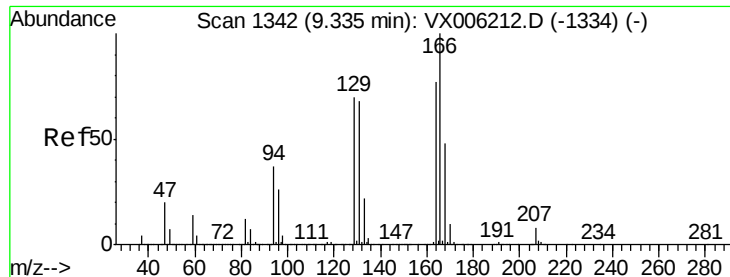


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: 0.542 ug/l

RT: 9.33 min Scan# 1341

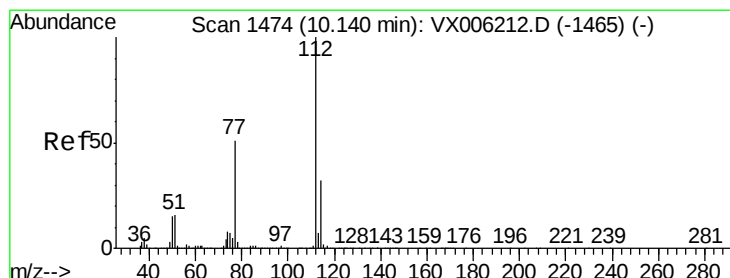
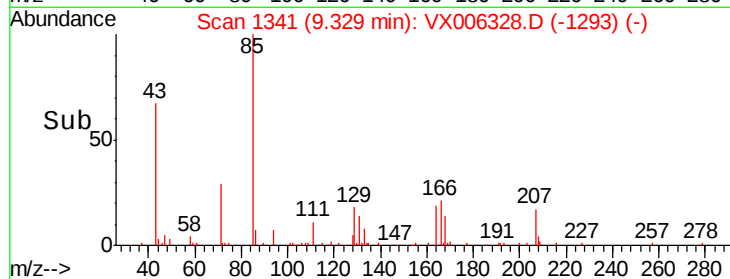
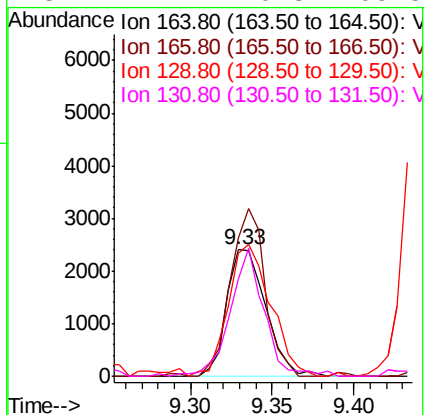
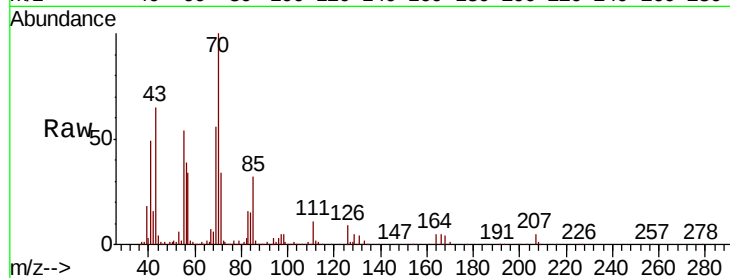
Delta R.T. -0.01 min

Lab File: VX006328.D

Acq: 06 Dec 2018 19:37

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:164	Resp:	4004
Ion Ratio	Lower	Upper
164	100	
166	109.7	104.2 156.2
129	97.6	72.6 108.8
131	77.1	70.3 105.5



#65

Chlorobenzene

Concen: 0.908 ug/l

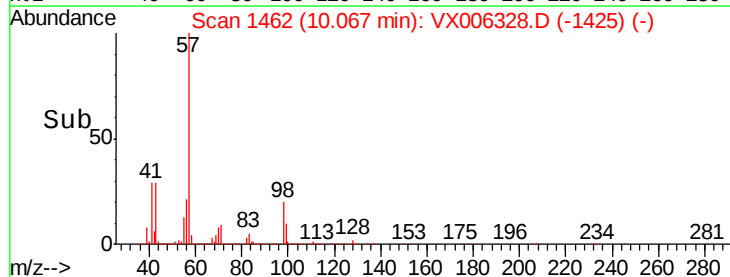
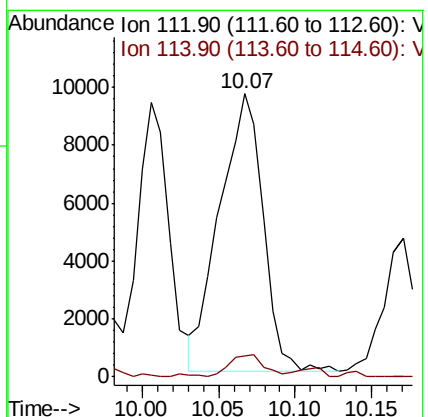
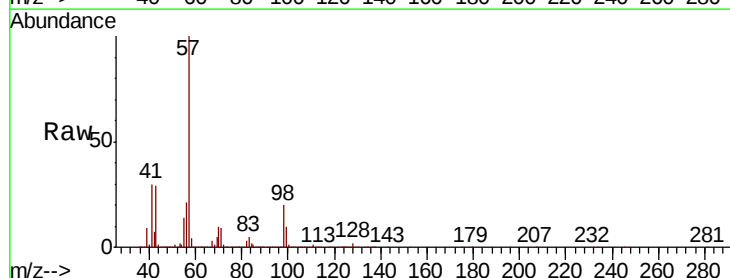
RT: 10.07 min Scan# 1462

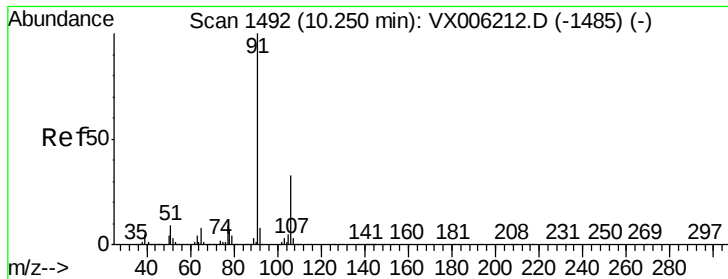
Delta R.T. -0.07 min

Lab File: VX006328.D

Acq: 06 Dec 2018 19:37

Tgt	Ion:112	Resp:	18894
Ion	Ratio	Lower	Upper
112	100		
114	7.6	25.4	38.2#





#67

Ethyl Benzene

Concen: 3.975 ug/l

RT: 10.26 min Scan# 1493

Delta R.T. 0.01 min

Lab File: VX006328.D

Acq: 06 Dec 2018 19:37

Instrument :

MSVOA_X

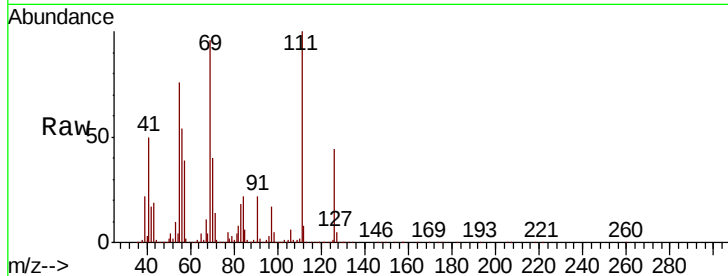
ClientSampled :

Tot Ion: 91 Resp: 137544

Ion Ratio Lower Upper

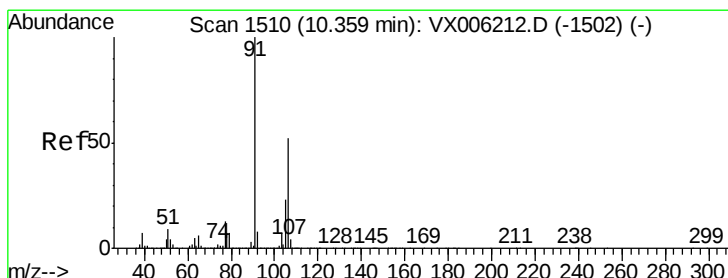
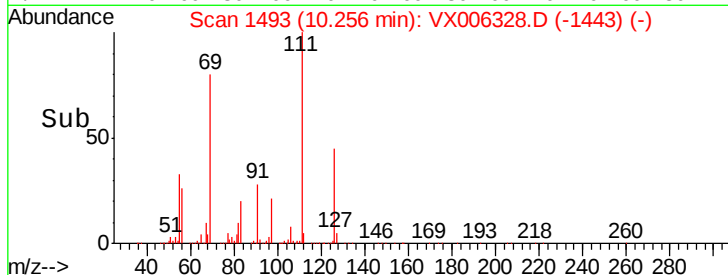
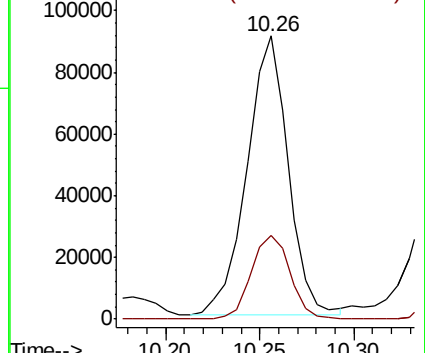
91 100

106 29.9 26.5 39.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 39.843 ug/l

RT: 10.37 min Scan# 1511

Delta R.T. 0.01 min

Lab File: VX006328.D

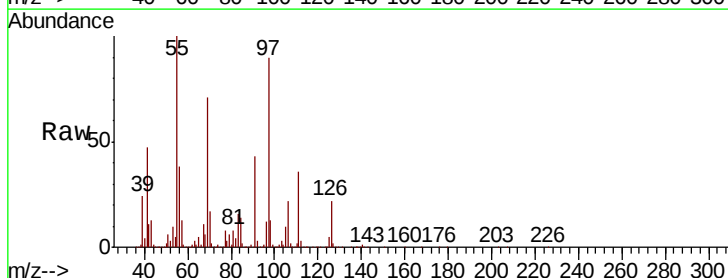
Acq: 06 Dec 2018 19:37

Tgt Ion: 106 Resp: 552309

Ion Ratio Lower Upper

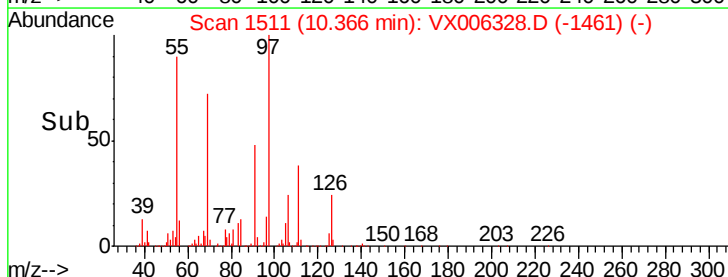
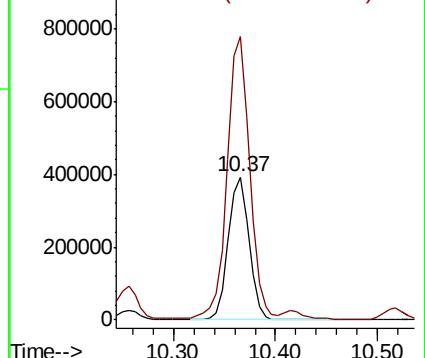
106 100

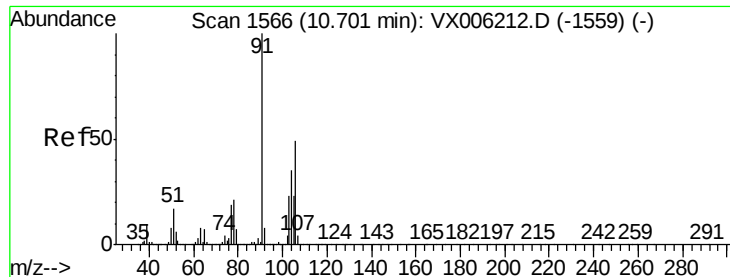
91 216.0 155.2 232.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

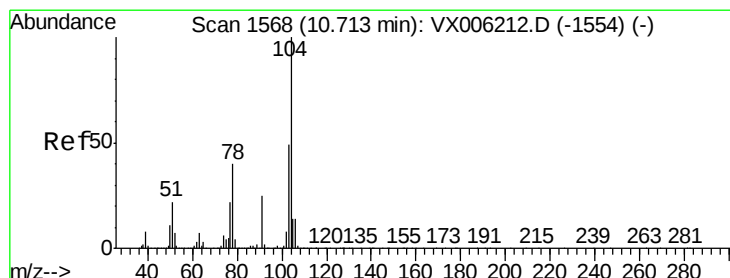
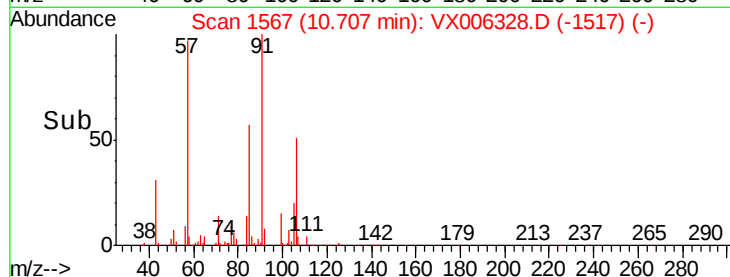
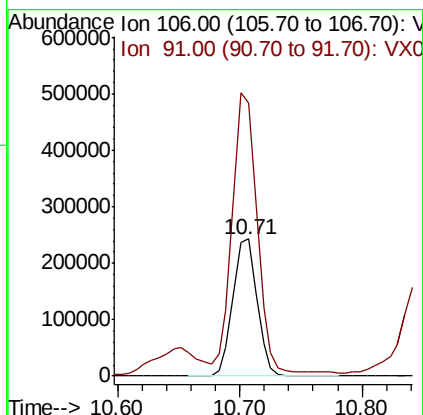
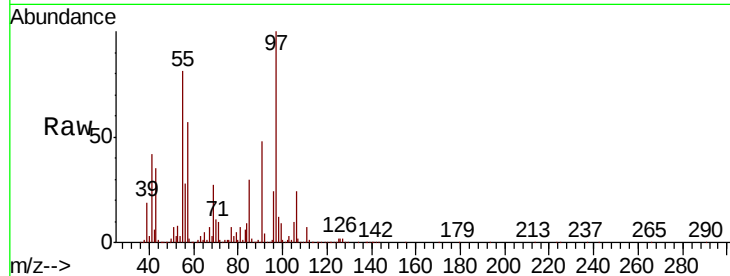




#69
o-Xylene
Concen: 24.291 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. 0.01 min
Lab File: VX006328.D
Acq: 06 Dec 2018 19:37

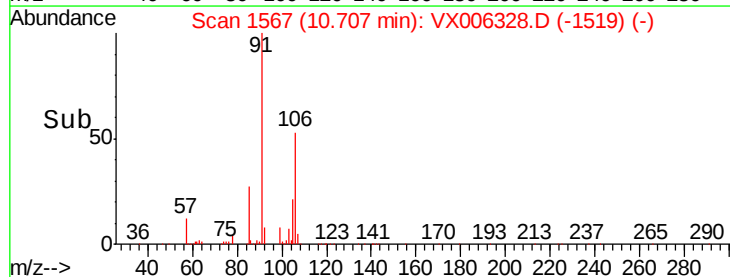
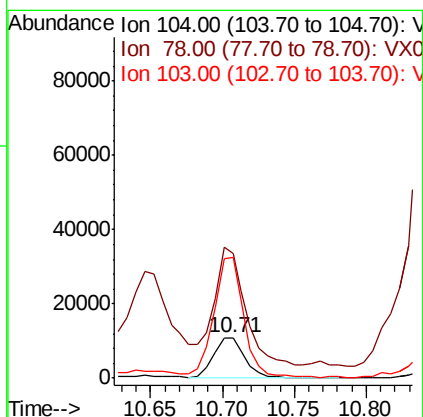
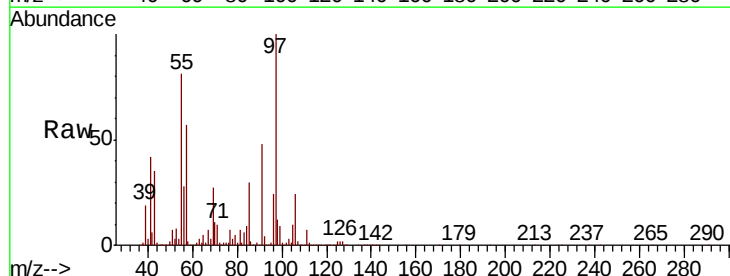
Instrument :
MSVOA_X
ClientSampled :

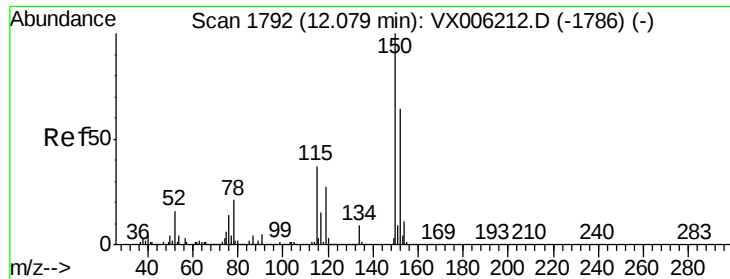
Tot Ion:106 Resp: 332601
Ion Ratio Lower Upper
106 100
91 206.2 101.8 305.6



#70
Styrene
Concen: 0.767 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX006328.D
Acq: 06 Dec 2018 19:37

Tgt Ion:104 Resp: 16978
Ion Ratio Lower Upper
104 100
78 299.8 37.2 55.8#
103 270.4 43.5 65.3#



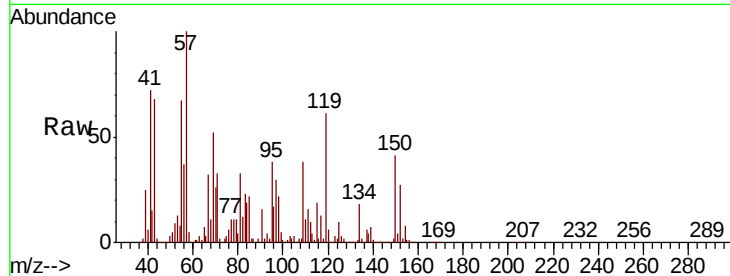


#72

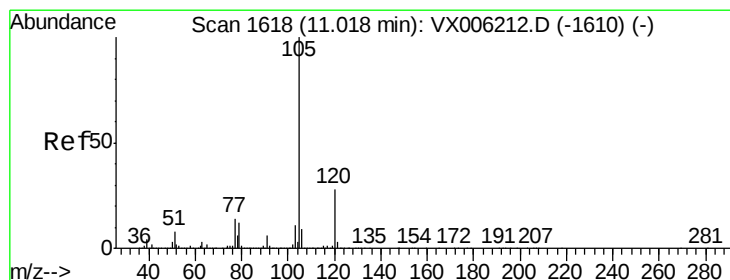
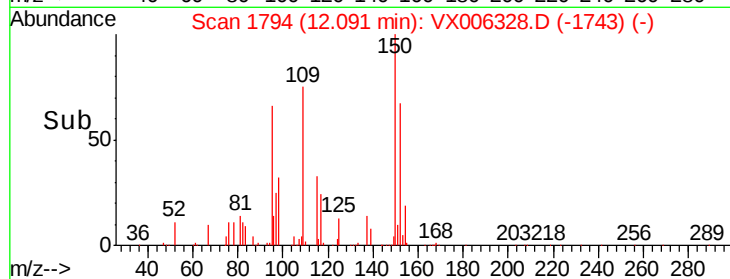
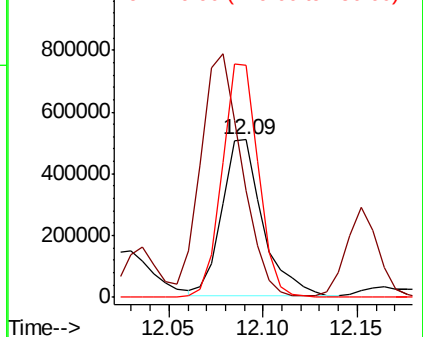
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.09 min Scan# 1794
Delta R.T. 0.01 min
Lab File: VX006328.D
Acq: 06 Dec 2018 19:37

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:152 Resp: 759263
Ion Ratio Lower Upper
152 100
115 155.7 39.0 116.9#
150 132.2 0.0 345.8



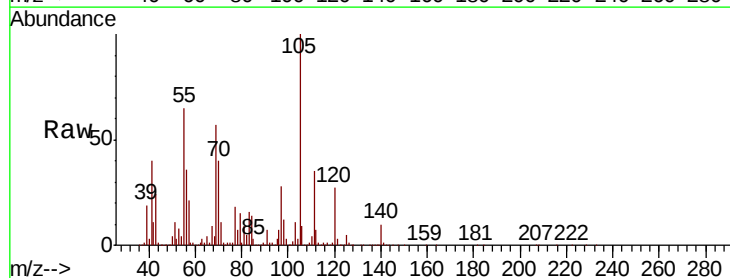
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



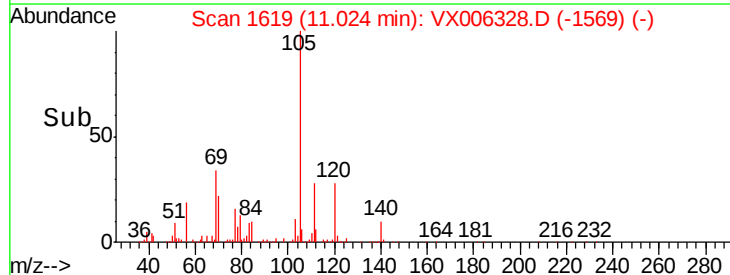
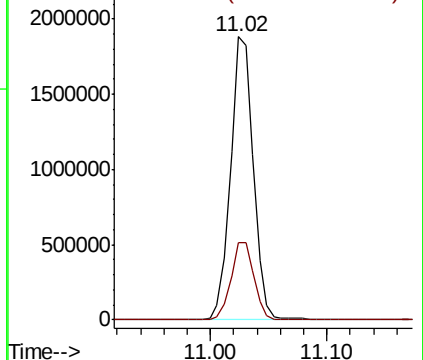
#73

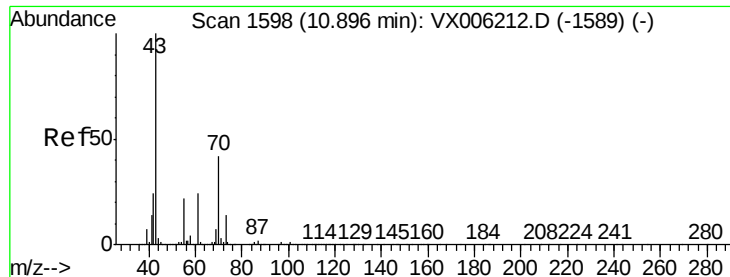
Isopropylbenzene
Concen: 48.848 ug/l
RT: 11.02 min Scan# 1619
Delta R.T. 0.01 min
Lab File: VX006328.D
Acq: 06 Dec 2018 19:37

Tgt Ion:105 Resp: 2561278
Ion Ratio Lower Upper
105 100
120 27.8 14.1 42.3



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





#74

N-amvl acetate

Concen: 202.537 ug/l

RT: 10.92 min Scan# 1602

Delta R.T. 0.02 min

Lab File: VX006328.D

Acq: 06 Dec 2018 19:37

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 43 Resp: 4573101

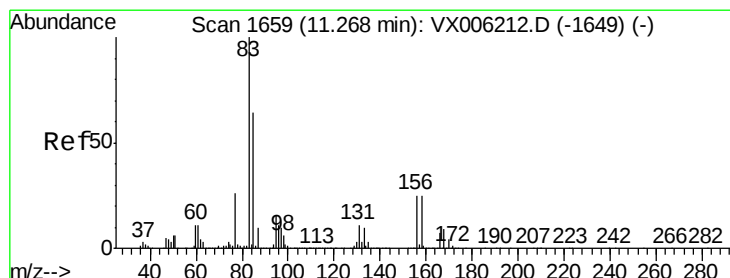
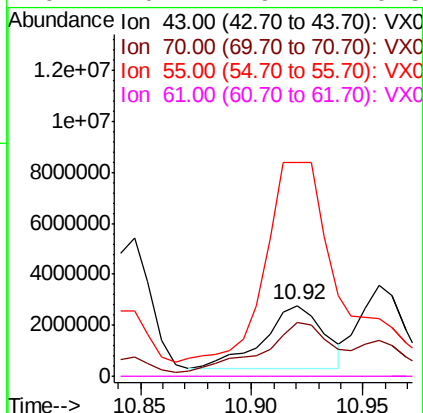
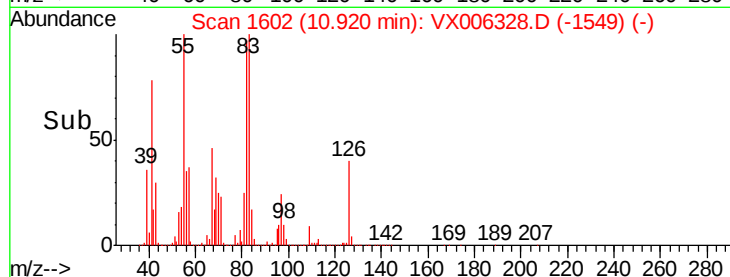
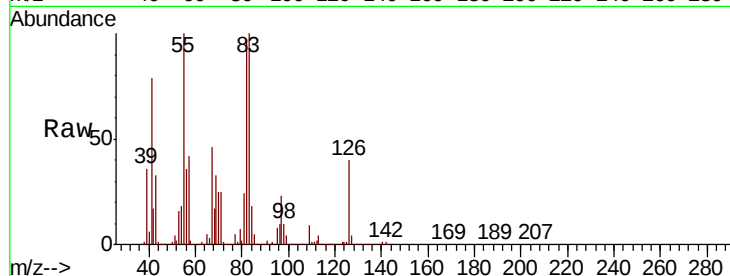
Ion Ratio Lower Upper

43 100

70 92.5 34.1 51.1#

55 390.3 17.8 26.8#

61 0.1 19.7 29.5#



#75

1,1,2,2-Tetrachloroethane

Concen: 337.017 ug/l

RT: 11.29 min Scan# 1662

Delta R.T. 0.02 min

Lab File: VX006328.D

Acq: 06 Dec 2018 19:37

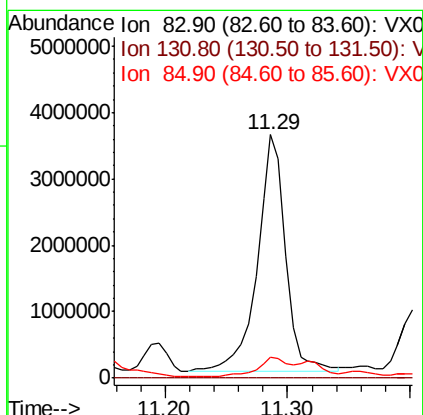
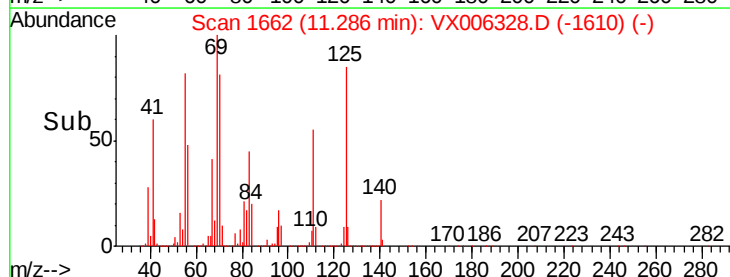
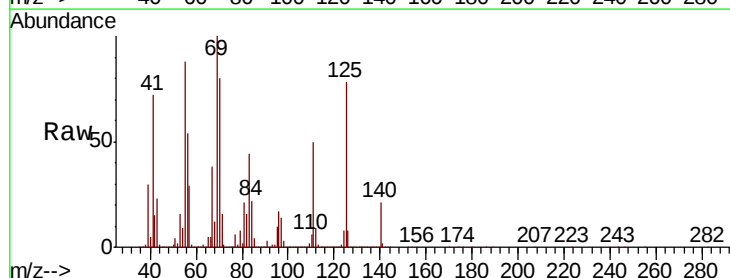
Tgt Ion: 83 Resp: 5653348

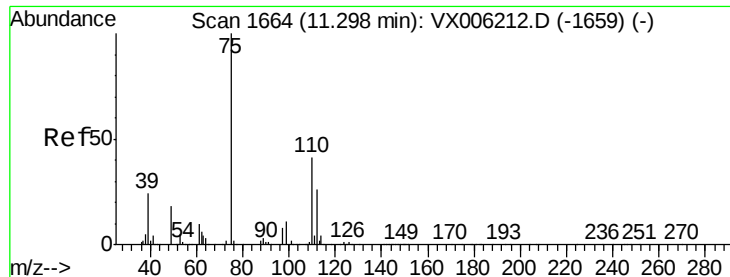
Ion Ratio Lower Upper

83 100

131 0.0 5.7 17.1#

85 9.7 32.1 96.5#





#76

1,2,3-Trichloropropane

Concen: 18.362 ug/l

RT: 11.15 min Scan# 1639

Delta R.T. -0.15 min

Lab File: VX006328.D

Acq: 06 Dec 2018 19:37

Instrument :

MSVOA_X

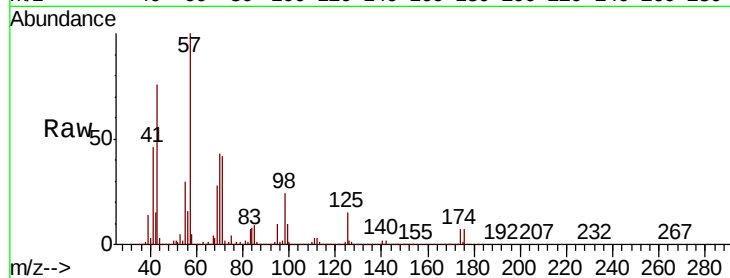
ClientSampleId :

Tot Ion: 75 Resp: 269095

Ion Ratio Lower Upper

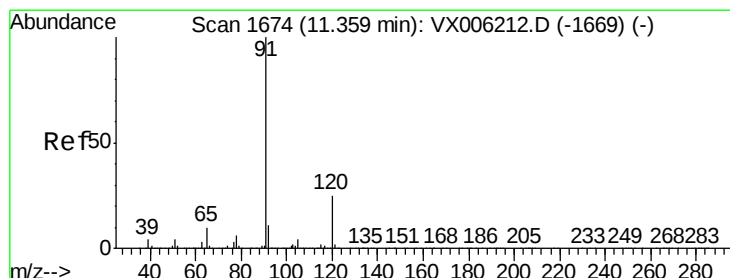
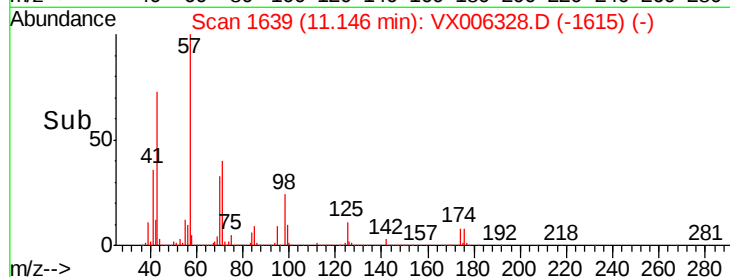
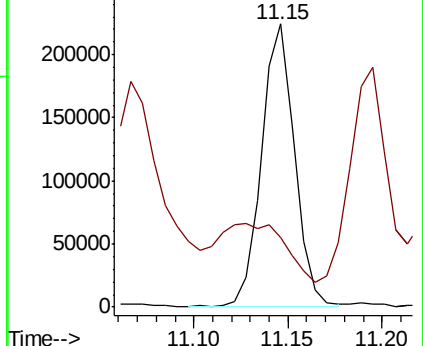
75 100

77 43.3 19.9 59.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#78

n-propylbenzene

Concen: 123.149 ug/l

RT: 11.37 min Scan# 1676

Delta R.T. 0.01 min

Lab File: VX006328.D

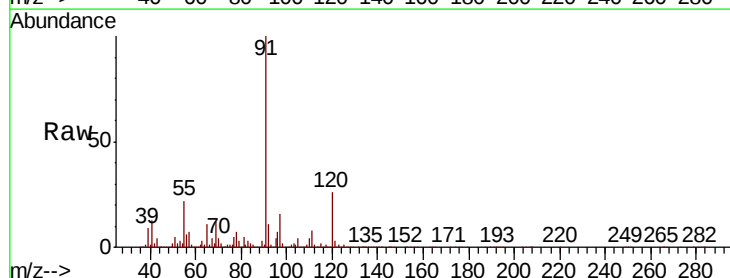
Acq: 06 Dec 2018 19:37

Tgt Ion: 91 Resp: 7177763

Ion Ratio Lower Upper

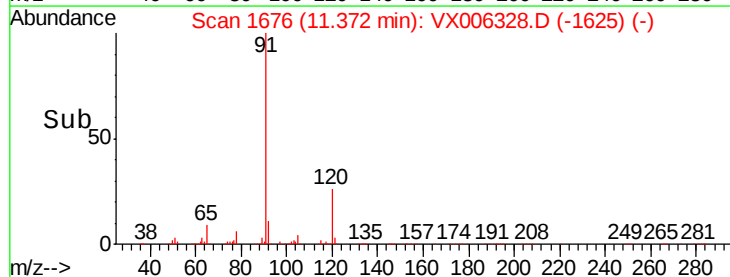
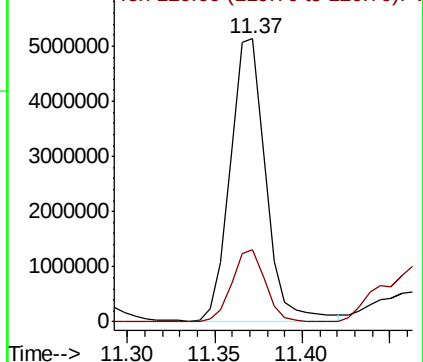
91 100

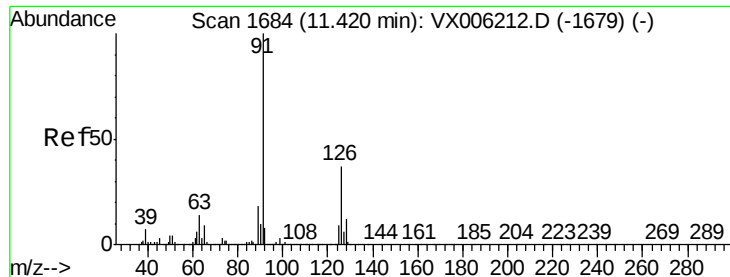
120 24.2 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

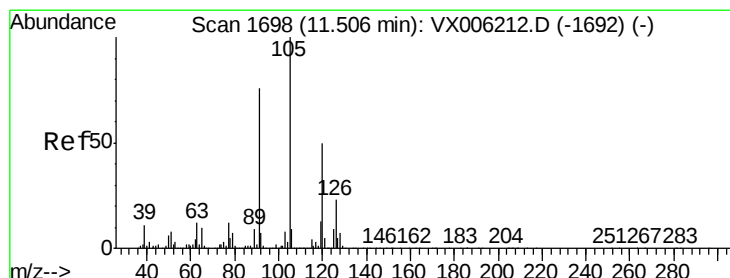
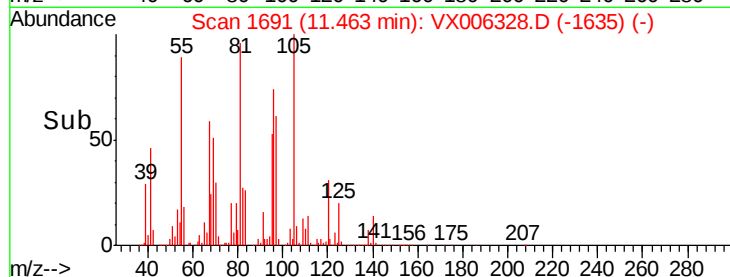
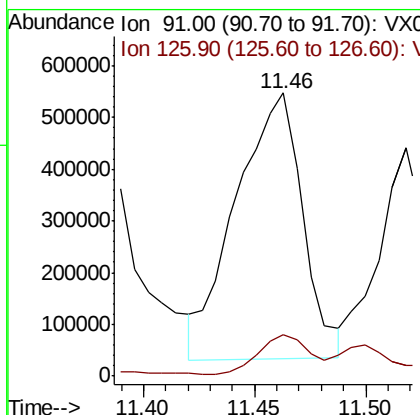
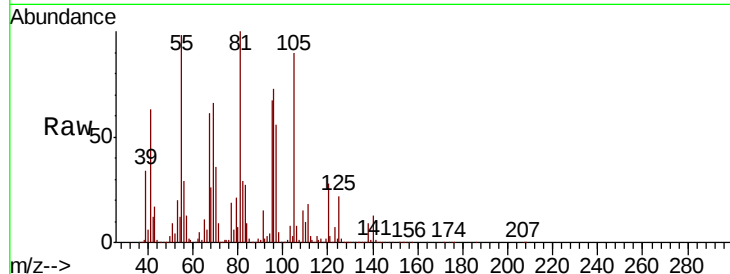




#79
 2-Chlorotoluene
 Concen: 30.920 ug/l
 RT: 11.46 min Scan# 1691
 Delta R.T. 0.04 min
 Lab File: VX006328.D
 Acq: 06 Dec 2018 19:37

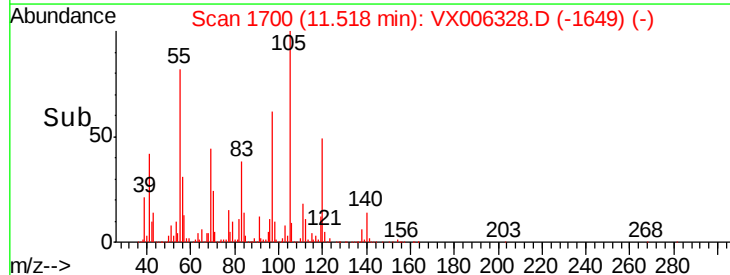
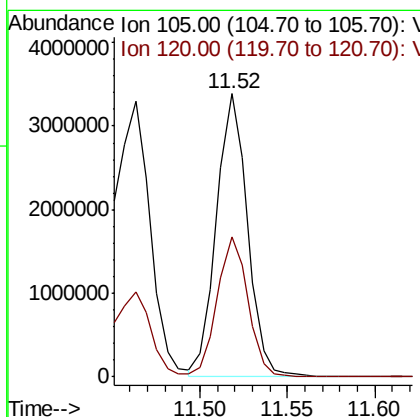
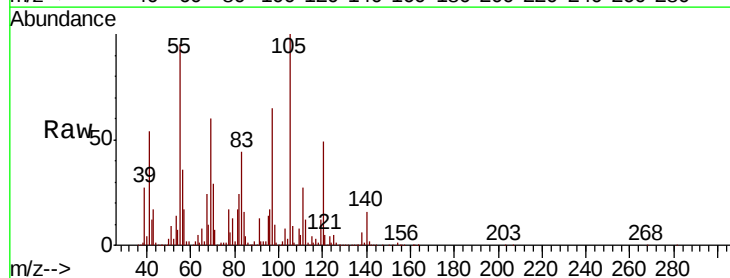
Instrument :
 MSVOA_X
 ClientSampleId :

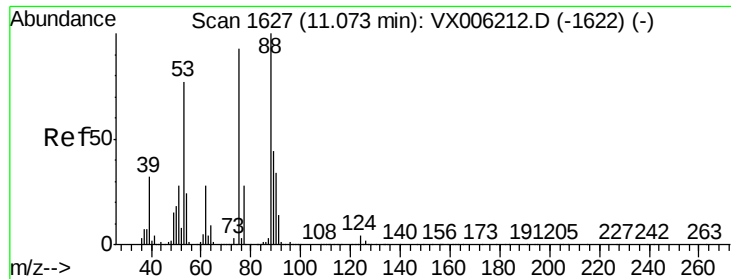
Tot Ion: 91 Resp: 1071151
 Ion Ratio Lower Upper
 91 100
 126 11.3 18.6 56.0#



#80
 1,3,5-Trimethylbenzene
 Concen: 95.690 ug/l
 RT: 11.52 min Scan# 1700
 Delta R.T. 0.01 min
 Lab File: VX006328.D
 Acq: 06 Dec 2018 19:37

Tgt Ion: 105 Resp: 4174623
 Ion Ratio Lower Upper
 105 100
 120 49.5 25.4 76.0

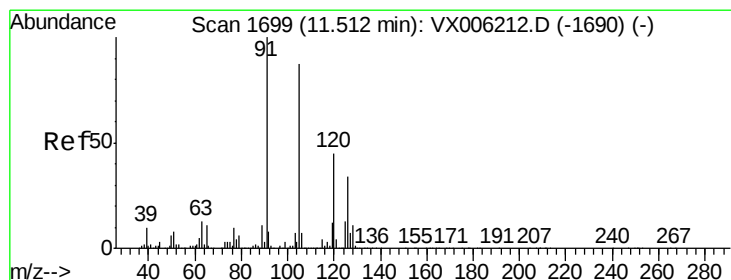
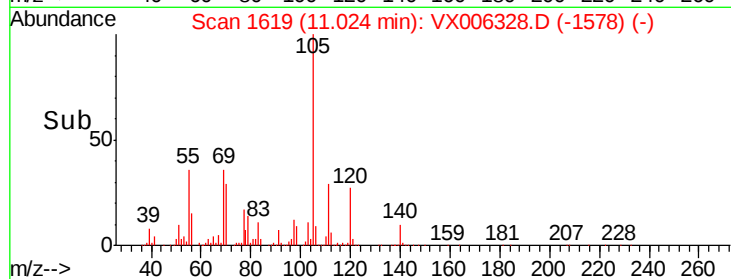
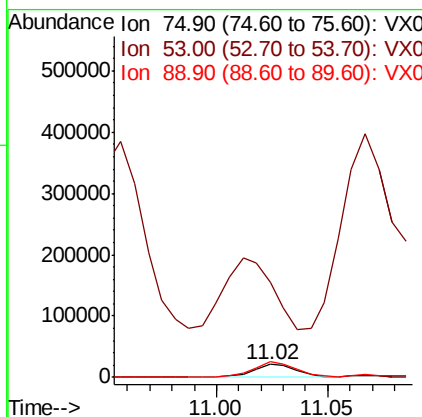
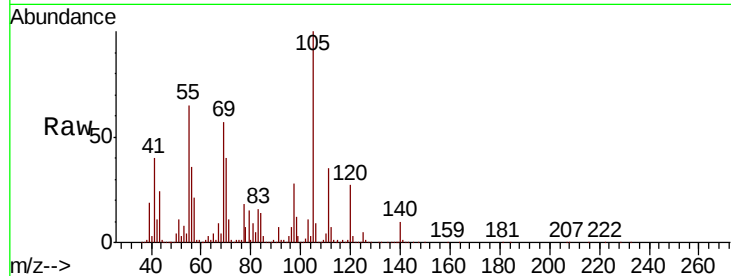




#81
trans-1,4-Dichloro-2-butene
Concen: 4.464 ug/l
RT: 11.02 min Scan# 1619
Delta R.T. -0.05 min
Lab File: VX006328.D
Acq: 06 Dec 2018 19:37

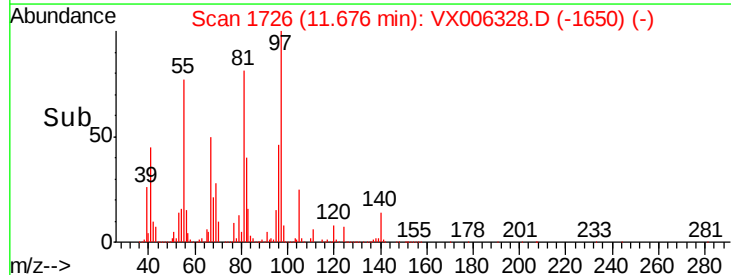
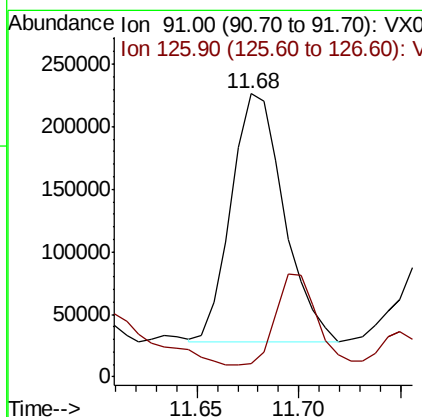
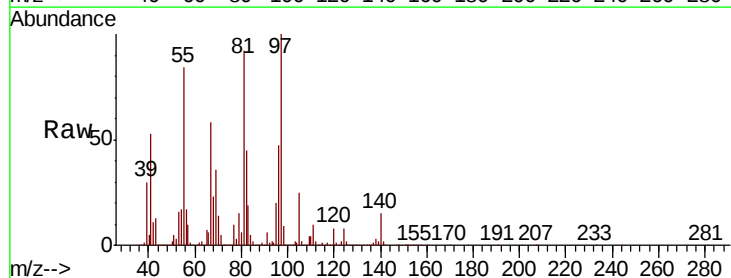
Instrument :
MSVOA_X
ClientSampled :

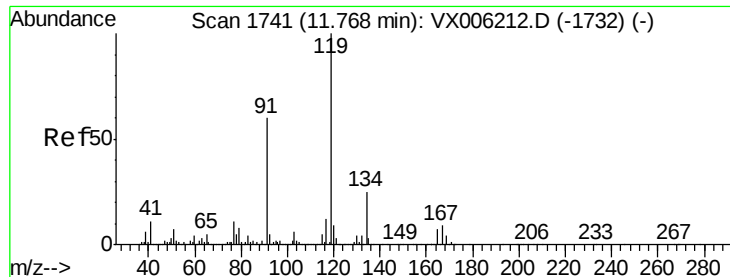
Tot Ion: 75 Resp: 27878
Ion Ratio Lower Upper
75 100
53 610.9 64.4 96.6#
89 113.5 44.2 66.4#



#82
4-Chlorotoluene
Concen: 8.833 ug/l
RT: 11.68 min Scan# 1726
Delta R.T. 0.16 min
Lab File: VX006328.D
Acq: 06 Dec 2018 19:37

Tgt Ion: 91 Resp: 355775
Ion Ratio Lower Upper
91 100
126 27.8 16.4 49.4





#83

tert-Butylbenzene

Concen: 52.899 ug/l

RT: 11.78 min Scan# 1743

Delta R.T. 0.01 min

Lab File: VX006328.D

Acq: 06 Dec 2018 19:37

Instrument :

MSVOA_X

ClientSampleId :

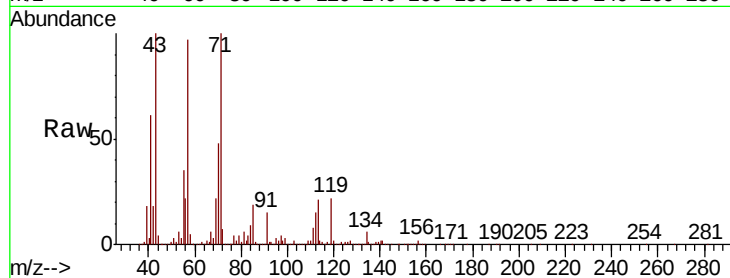
Tot Ion:119 Resp: 2462337

Ion Ratio Lower Upper

119 100

91 66.4 26.4 79.2

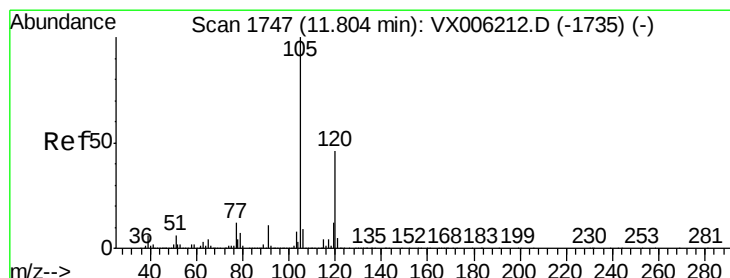
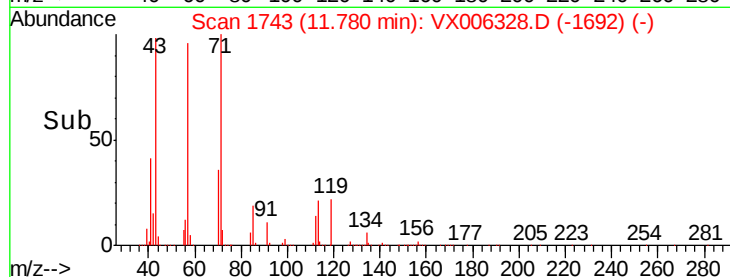
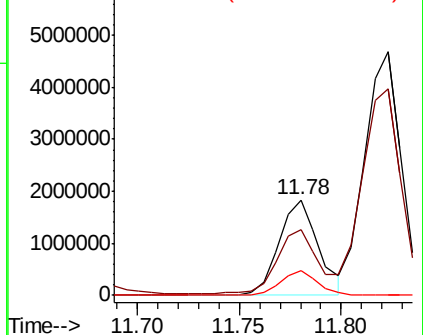
134 24.6 11.6 34.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 409.480 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. 0.01 min

Lab File: VX006328.D

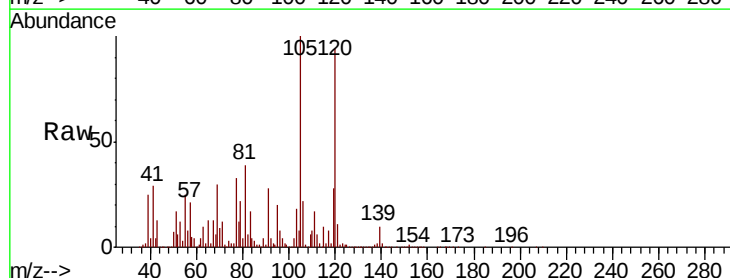
Acq: 06 Dec 2018 19:37

Tgt Ion:105 Resp:18446366

Ion Ratio Lower Upper

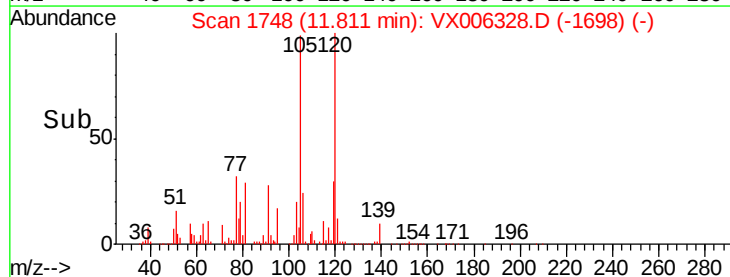
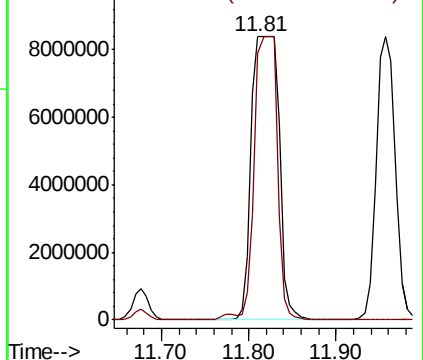
105 100

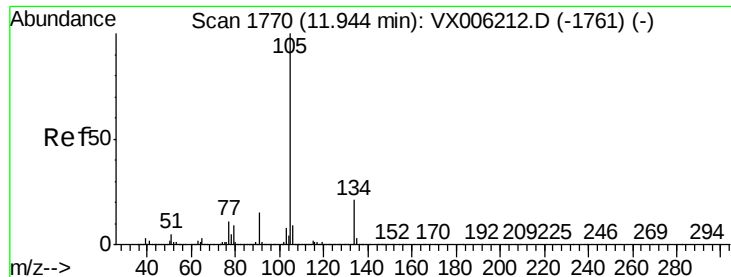
120 82.9 23.4 70.0#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 236.720 ug/l

RT: 11.96 min Scan# 1772

Delta R.T. 0.01 min

Lab File: VX006328.D

Acq: 06 Dec 2018 19:37

Instrument :

MSVOA_X

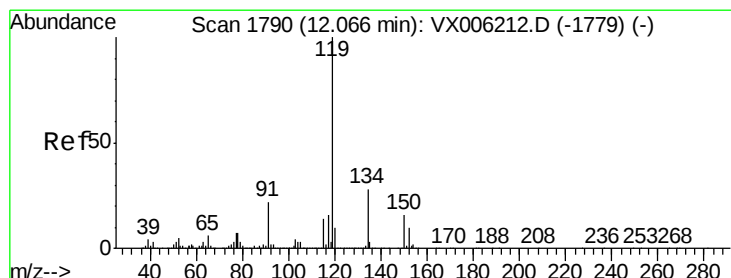
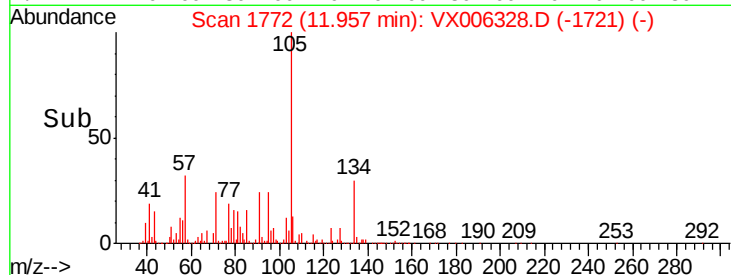
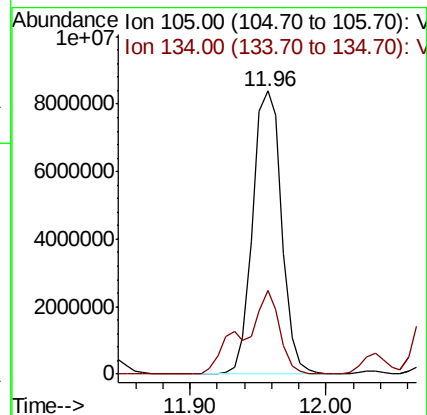
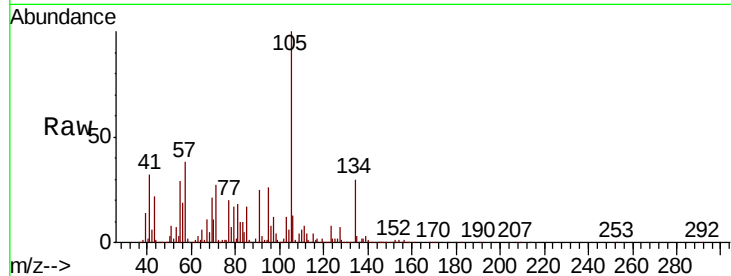
ClientSampled :

Tot Ion:105 Resp:12535367

Ion Ratio Lower Upper

105 100

134 37.2 10.8 32.4#



#86

p-Isopropyltoluene

Concen: 212.091 ug/l

RT: 12.07 min Scan# 1791

Delta R.T. 0.01 min

Lab File: VX006328.D

Acq: 06 Dec 2018 19:37

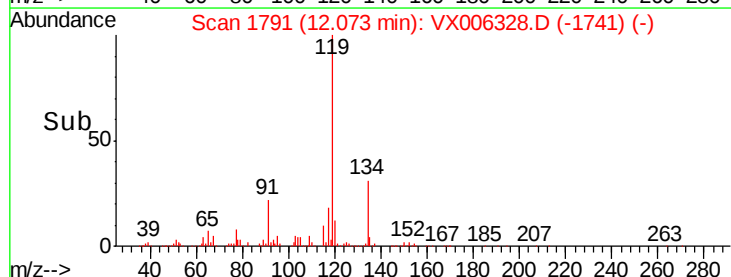
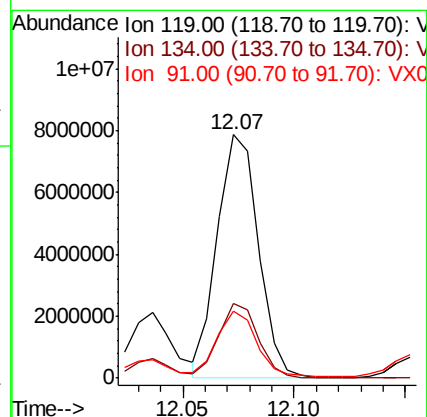
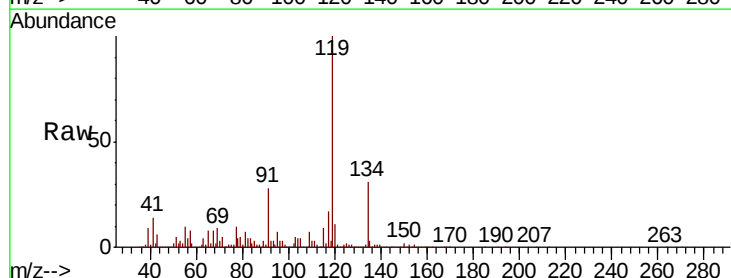
Tgt Ion:119 Resp:10113253

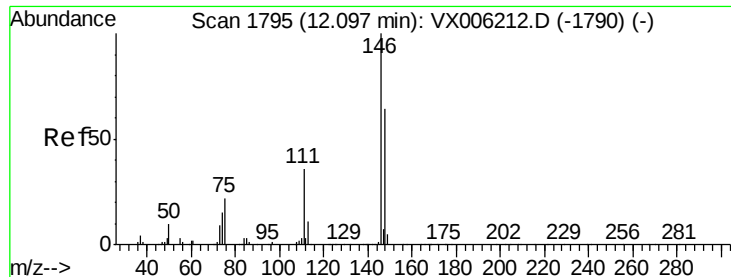
Ion Ratio Lower Upper

119 100

134 29.4 13.9 41.6

91 25.3 11.3 33.8





#88

1,4-Dichlorobenzene

Concen: 0.292 ug/l

RT: 12.10 min Scan# 1796

Delta R.T. 0.01 min

Lab File: VX006328.D

Acq: 06 Dec 2018 19:37

Instrument :

MSVOA_X

ClientSampled :

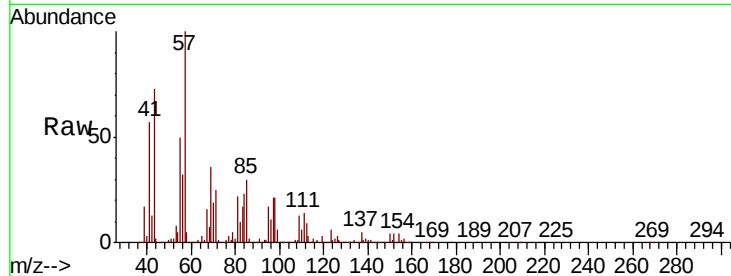
Tot Ion:146 Resp: 7684

Ion Ratio Lower Upper

146 100

111 7173.1 18.3 54.8#

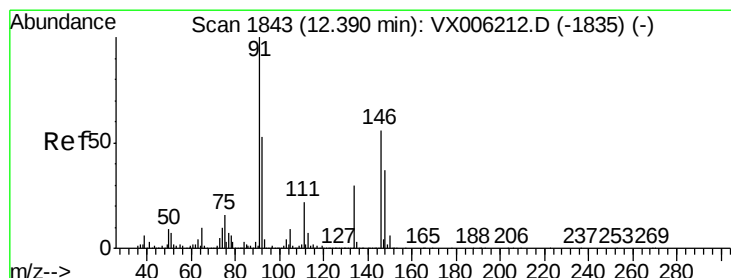
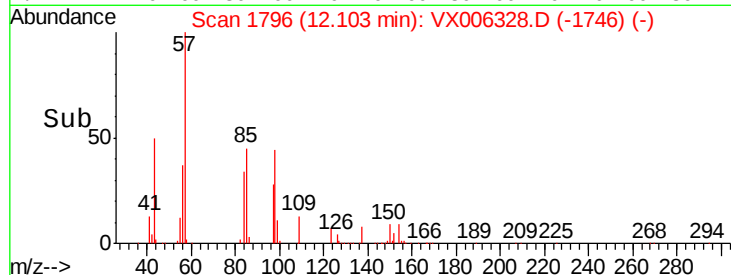
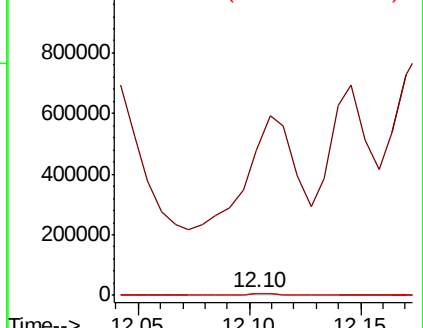
148 93.3 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 389.518 ug/l

RT: 12.40 min Scan# 1844

Delta R.T. 0.01 min

Lab File: VX006328.D

Acq: 06 Dec 2018 19:37

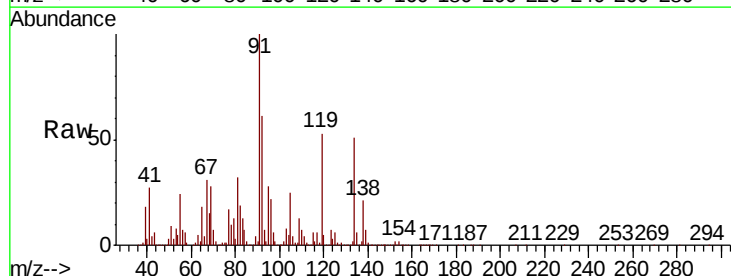
Tgt Ion: 91 Resp:15847880

Ion Ratio Lower Upper

91 100

92 43.3 26.6 79.8

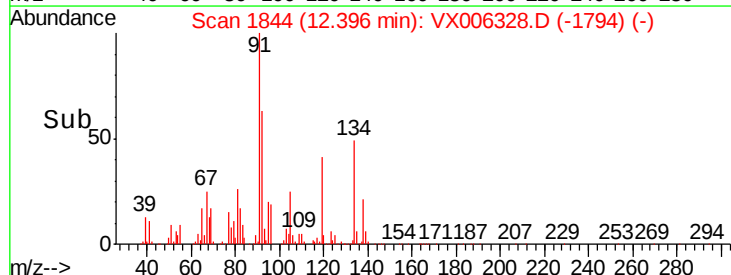
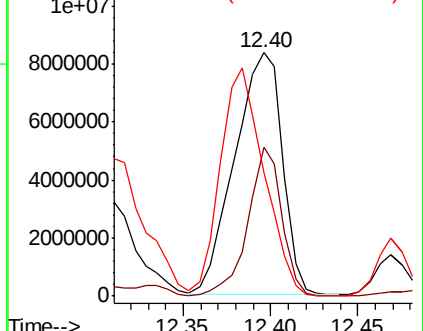
134 86.1 14.8 44.3#

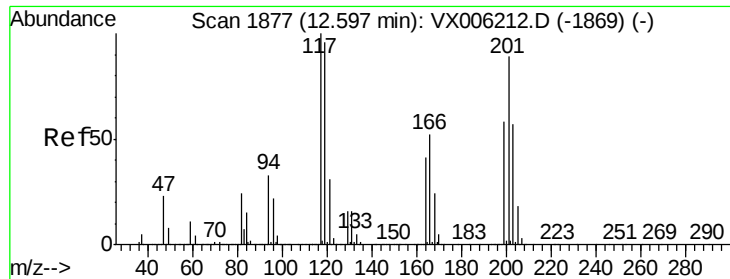


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 198.472 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX006328.D

Acq: 06 Dec 2018 19:37

Instrument :

MSVOA_X

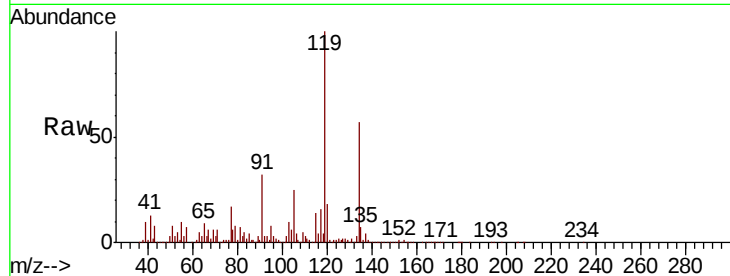
ClientSampleId :

Tot Ion:117 Resp: 1928841

Ion Ratio Lower Upper

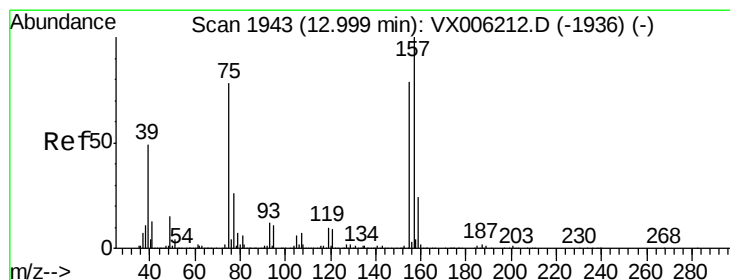
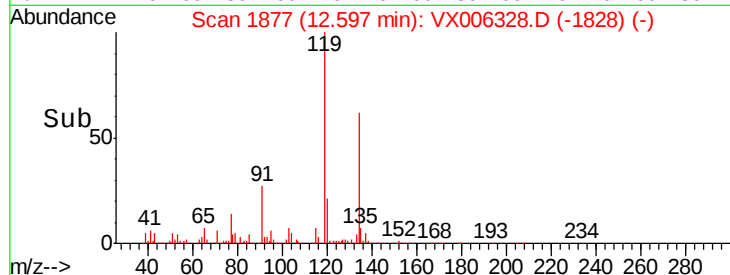
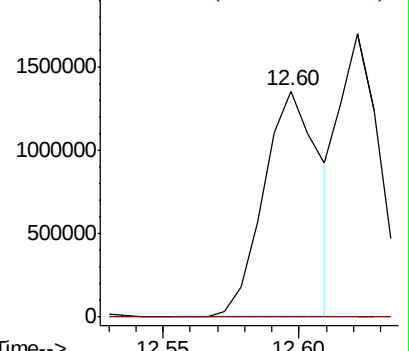
117 100

201 0.0 44.7 134.1#



Abundance Ion 116.80 (116.50 to 117.50): V

2000000 Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 39.268 ug/l

RT: 12.99 min Scan# 1941

Delta R.T. -0.01 min

Lab File: VX006328.D

Acq: 06 Dec 2018 19:37

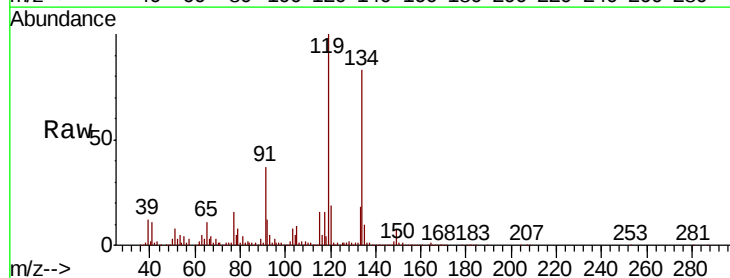
Tgt Ion: 75 Resp: 168853

Ion Ratio Lower Upper

75 100

155 1.4 53.4 160.3#

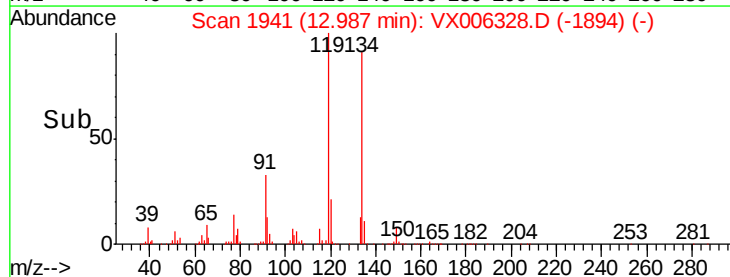
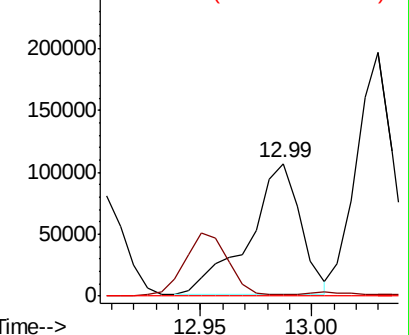
157 0.2 68.0 203.8#

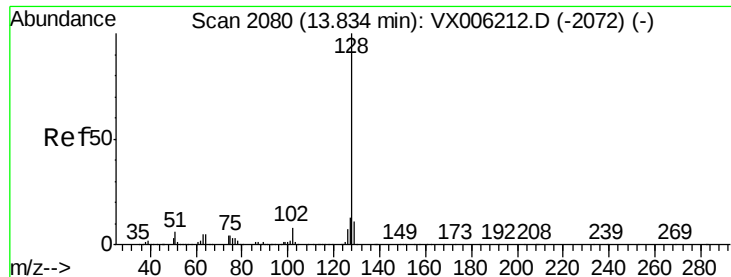


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

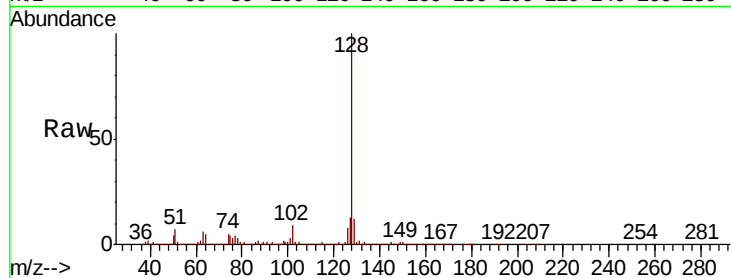




#95
 Naphthalene
 Concen: 113.406 ug/l
 RT: 13.83 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX006328.D
 Acq: 06 Dec 2018 19:37

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:128 Resp: 6613435
 Ion Ratio Lower Upper
 128 100
 127 13.8 10.2 15.4
 129 13.2 8.9 13.3



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

