

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121218\
 Data File : VX006443.D
 Acq On : 12 Dec 2018 14:26
 Operator : JC/MD
 Sample : J6334-10DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GW-121018DL

Quant Time: Dec 13 06:08:54 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	5.67	168	736247	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1125319	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1027462	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	522917	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	367264	48.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.72%	
35) Dibromofluoromethane	5.50	113	343735	47.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.36%	
50) Toluene-d8	8.71	98	1318078	49.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.46%	
62) 4-Bromofluorobenzene	11.13	95	490763	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	

Target Compounds

						Qvalue
5) Bromomethane	1.65	94	2298	0.416	ug/l	97
11) Tert butyl alcohol	3.02	59	6937	3.375	ug/l #	73
13) Acrolein	2.27	56	14139	12.586	ug/l #	1
14) Allyl chloride	2.77	41	10007	0.760	ug/l #	27
15) Acrylonitrile	3.18	53	6415	1.496	ug/l #	57
16) Acetone	2.45	43	28685	8.133	ug/l	99
18) Methyl Acetate	2.77	43	11285	0.957	ug/l #	67
23) Vinyl Acetate	3.82	43	3660	0.209	ug/l #	87
25) 2-Butanone	4.70	43	11948	2.374	ug/l	91
29) Tetrahydrofuran	5.17	42	1990	0.569	ug/l #	68
31) Cyclohexane	5.57	56	624750	57.538	ug/l	95
36) 1,1-Dichloropropene	5.66	75	46445	4.901	ug/l #	48
38) Carbon Tetrachloride	5.67	117	67078	6.017	ug/l #	16
39) Methylcyclohexane	7.46	83	714699	58.102	ug/l	100
40) Benzene	6.15	78	1716209	60.467	ug/l	97
41) Methacrylonitrile	5.06	41	2050	0.351	ug/l #	22
42) 1,2-Dichloroethane	6.15	62	13787	1.484	ug/l #	73
43) Isopropyl Acetate	6.45	43	12925	0.730	ug/l #	63
47) Bromodichloromethane	7.95	83	15947	1.581	ug/l #	30
48) Methyl methacrylate	7.78	41	3435	0.399	ug/l #	12
49) 1,4-Dioxane	7.74	88	104	0.490	ug/l #	1
52) Toluene	8.79	92	136168	7.292	ug/l	100
55) 1,1,2-Trichloroethane	9.16	97	50833	6.701	ug/l #	19
56) Ethyl methacrylate	9.16	69	13287	1.120	ug/l #	10
59) 2-Hexanone	9.51	43	1755	0.223	ug/l	71
67) Ethyl Benzene	10.25	91	1497234	41.274	ug/l	99
68) m/p-Xylenes	10.36	106	739005	50.857	ug/l	99
69) o-Xylene	10.70	106	37103	2.585	ug/l	99
73) Isopropylbenzene	11.02	105	578422	16.017	ug/l	100
74) N-amyl acetate	10.91	43	5126	0.330	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.28	83	4287	0.371	ug/l #	36
76) 1,2,3-Trichloropropane	11.13	75	223108	22.105	ug/l #	37
78) n-propylbenzene	11.36	91	783797	19.526	ug/l	100
79) 2-Chlorotoluene	11.45	91	86620	3.631	ug/l #	40

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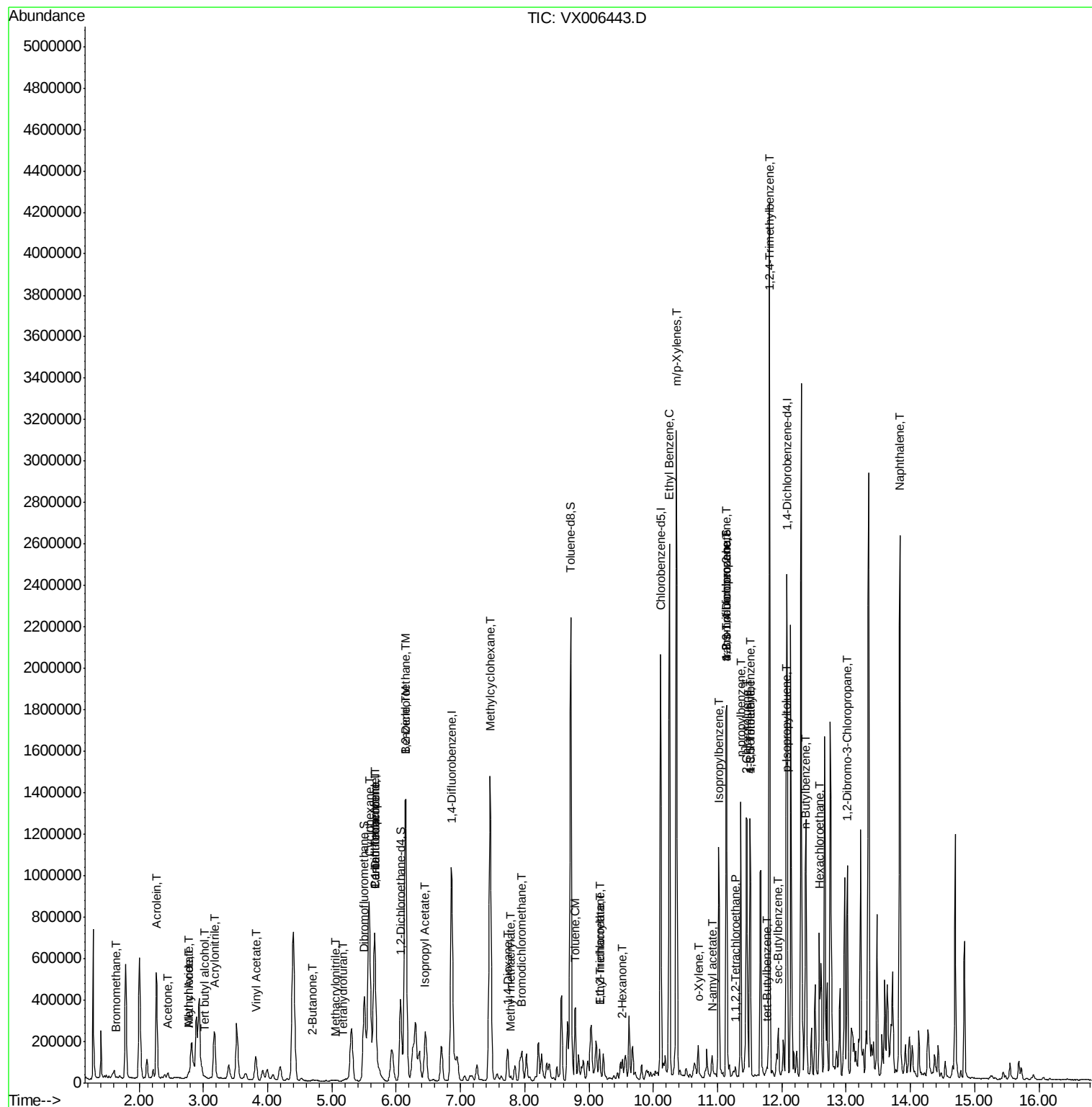
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) 1,3,5-Trimethylbenzene	11.51	105	539530	17.957	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.13	75	223108	51.874	ug/l #	15
82) 4-Chlorotoluene	11.51	91	58013	2.091	ug/l #	43
83) tert-Butylbenzene	11.77	119	12871	0.401	ug/l	80
84) 1,2,4-Trimethylbenzene	11.80	105	1872096	60.341	ug/l	99
85) sec-Butylbenzene	11.94	105	113279	3.106	ug/l	98
86) p-Isopropyltoluene	12.06	119	131525	4.005	ug/l	97
89) n-Butylbenzene	12.38	91	188327	6.721	ug/l #	28
90) Hexachloroethane	12.58	117	29478	4.404	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	13.02	75	2705	0.913	ug/l #	1
95) Naphthalene	13.83	128	1655619	41.222	ug/l	99

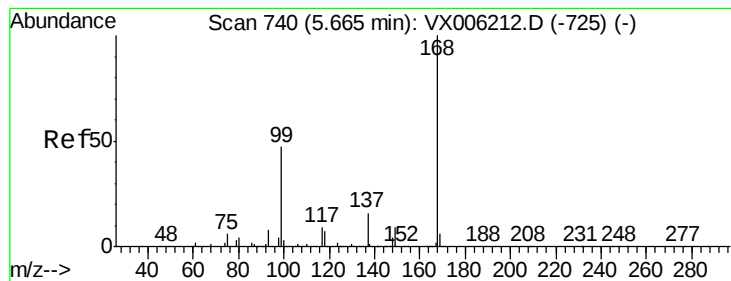
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX006443.D

Acq: 12 Dec 2018 14:26

Instrument :

MSVOA_X

ClientSampleId :

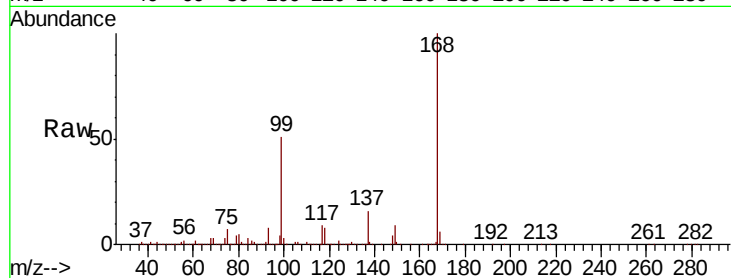
GW-121018DL

Tot Ion:168 Resp: 736247

Ion Ratio Lower Upper

168 100

99 50.9 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

250000

200000

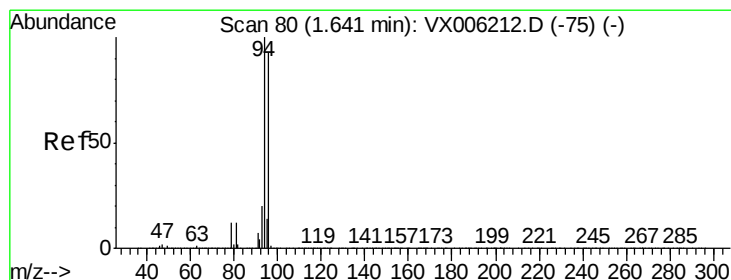
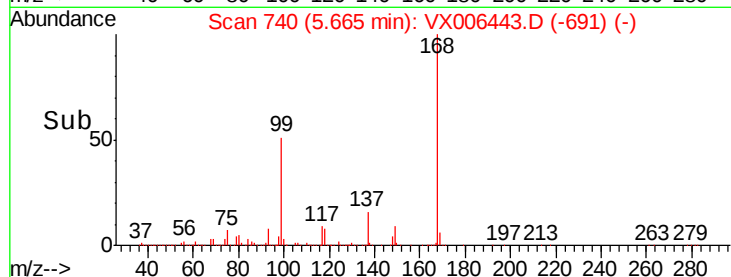
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: 0.416 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX006443.D

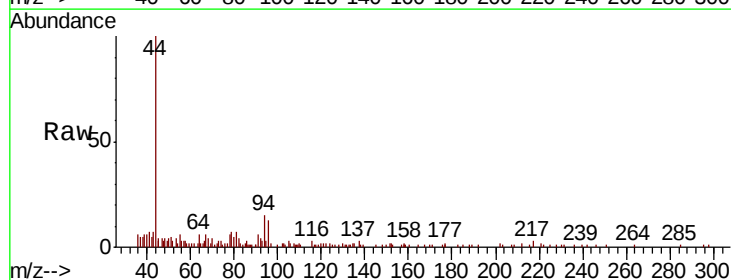
Acq: 12 Dec 2018 14:26

Tgt Ion: 94 Resp: 2298

Ion Ratio Lower Upper

94 100

96 90.6 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

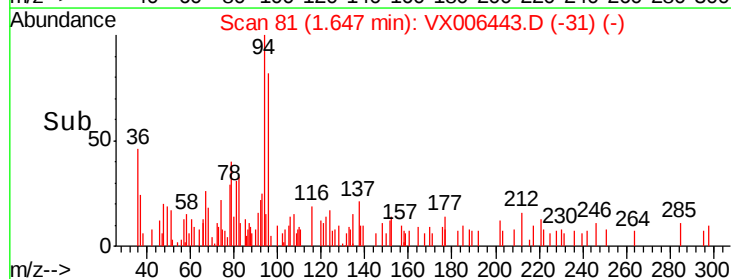
1.65

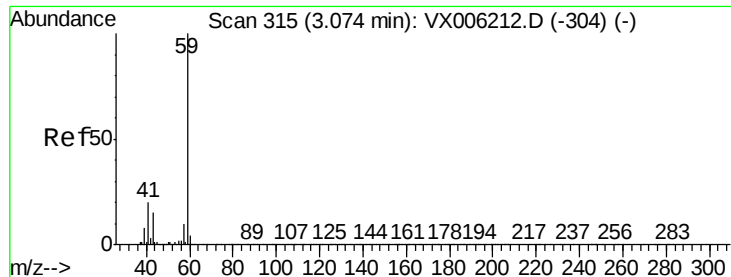
1000

500

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Time-->



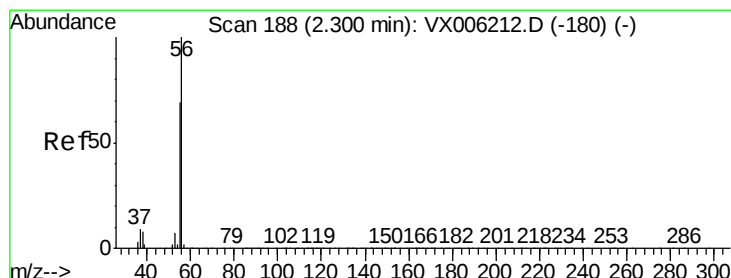
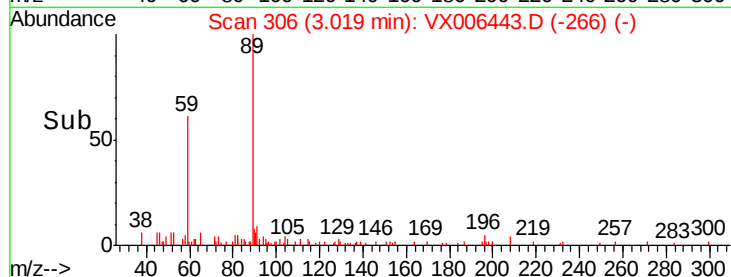
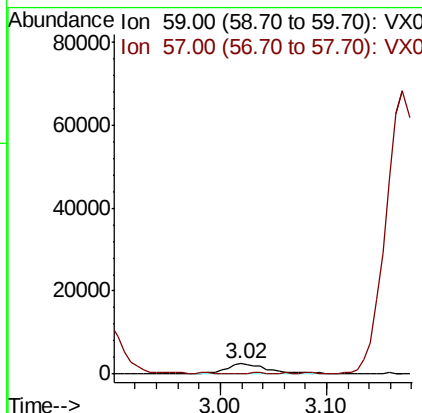
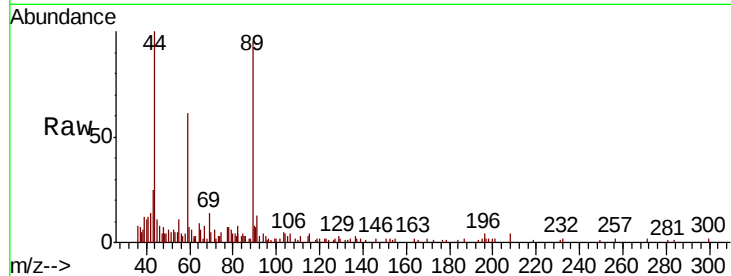


#11

Tert butyl alcohol
Concen: 3.375 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.05 min
Lab File: VX006443.D
Acq: 12 Dec 2018 14:26

Instrument :
MSVOA_X
ClientSampleId :
GW-121018DL

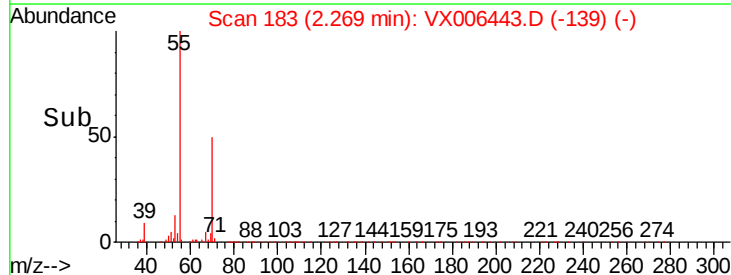
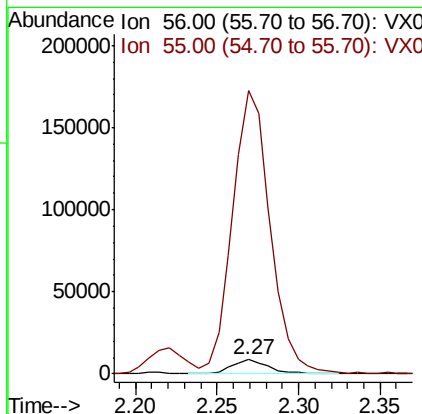
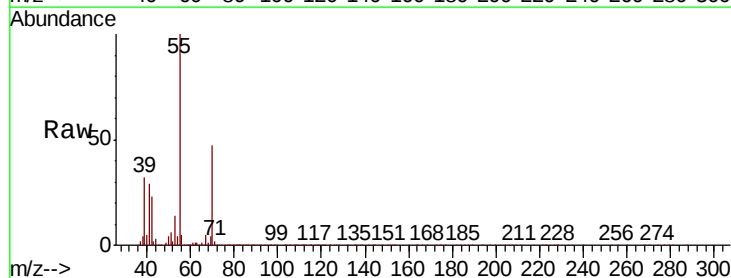
Tot Ion: 59 Resp: 6937
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

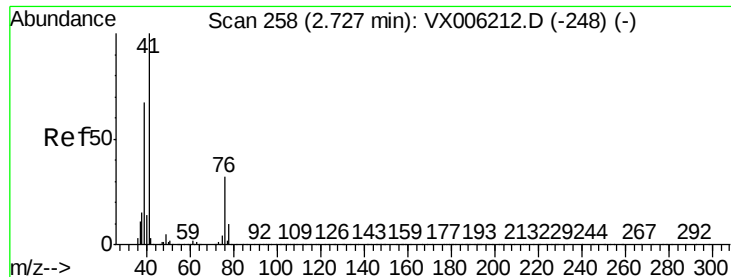


#13

Acrolein
Concen: 12.586 ug/l
RT: 2.27 min Scan# 183
Delta R.T. -0.03 min
Lab File: VX006443.D
Acq: 12 Dec 2018 14:26

Tgt Ion: 56 Resp: 14139
Ion Ratio Lower Upper
56 100
55 1948.8 57.8 86.6#

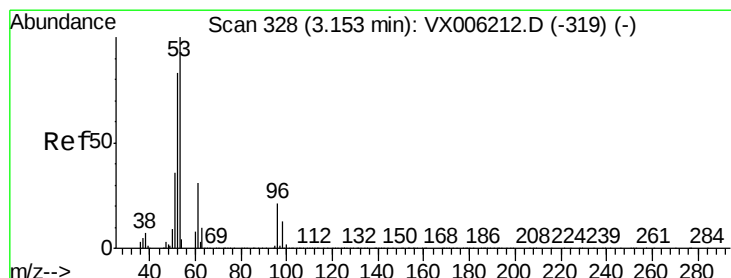
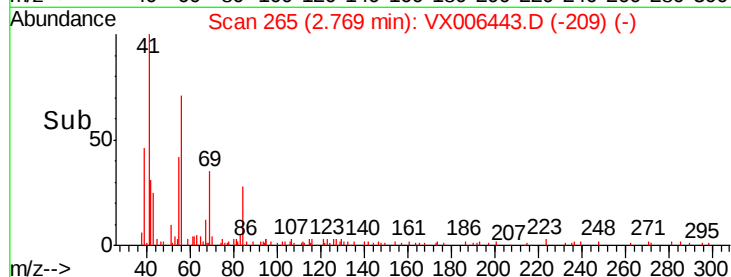
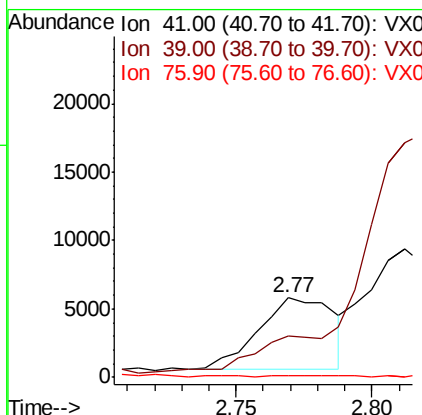
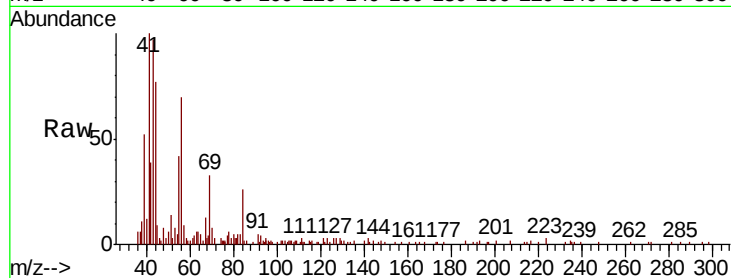




#14
Allvl chloride
Concen: 0.760 ug/l
RT: 2.77 min Scan# 265
Delta R.T. 0.04 min
Lab File: VX006443.D
Acq: 12 Dec 2018 14:26

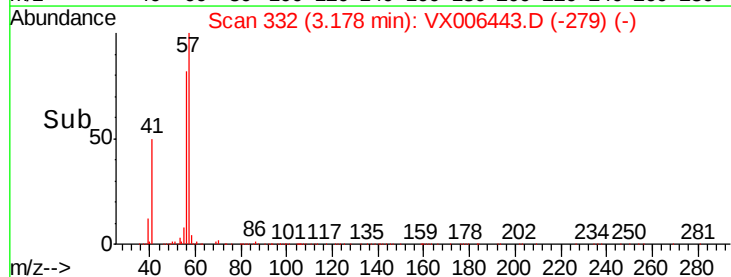
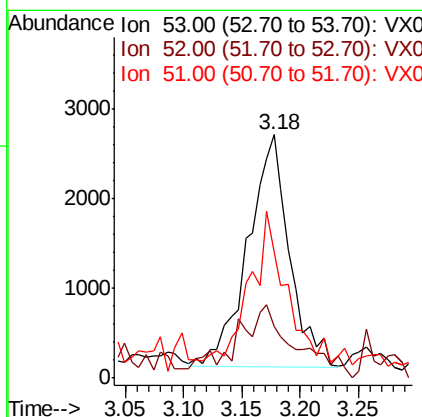
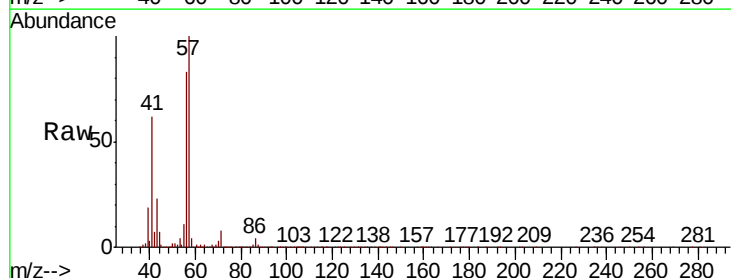
Instrument :
MSVOA_X
ClientSampleId :
GW-121018DL

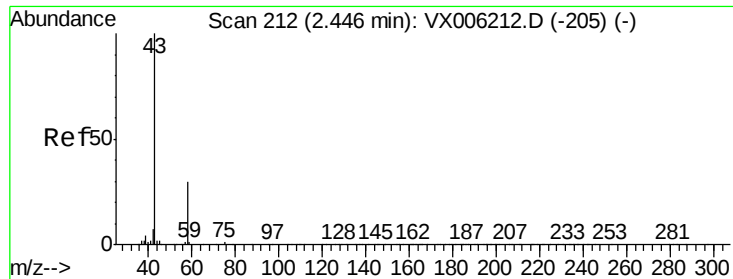
Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	52.4	78.6#
76	2.7	25.4	38.0#



#15
Acrylonitrile
Concen: 1.496 ug/l
RT: 3.18 min Scan# 332
Delta R.T. 0.02 min
Lab File: VX006443.D
Acq: 12 Dec 2018 14:26

Tgt Ion	Ratio	Lower	Upper
53	100		
52	40.5	66.2	99.4#
51	56.3	28.7	43.1#

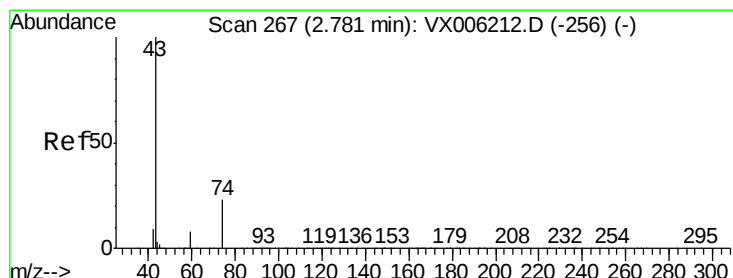
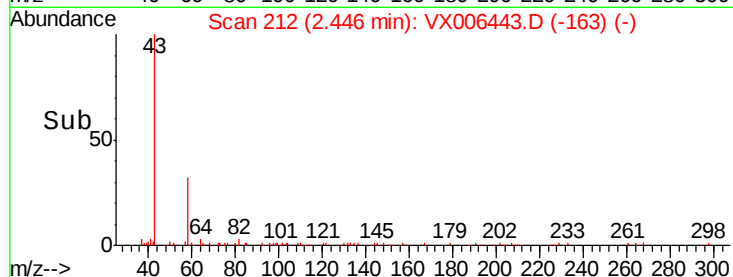
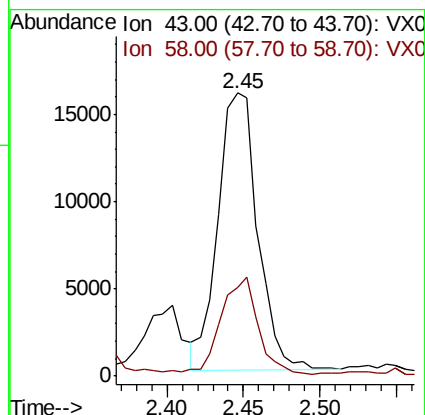
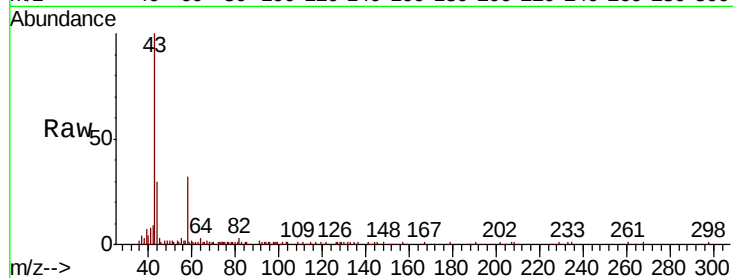




#16
Acetone
Concen: 8.133 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX006443.D
Acq: 12 Dec 2018 14:26

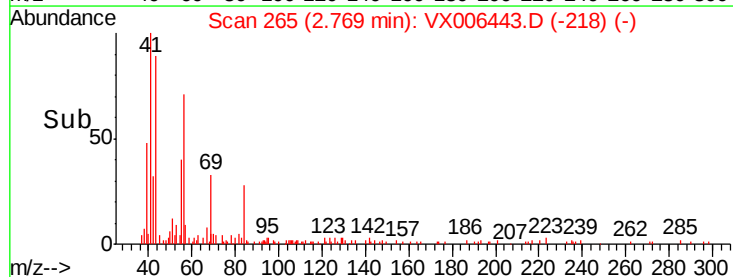
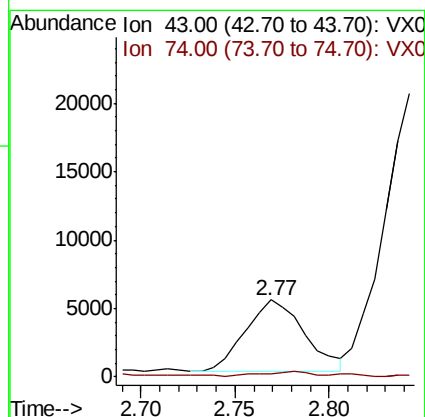
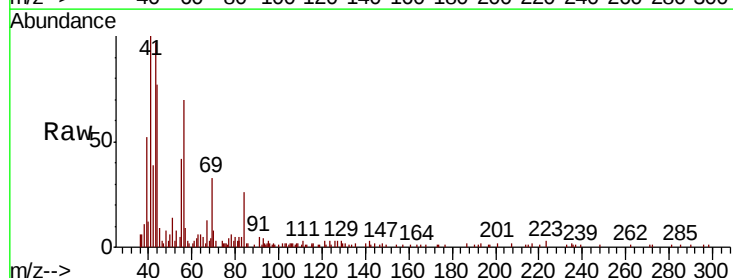
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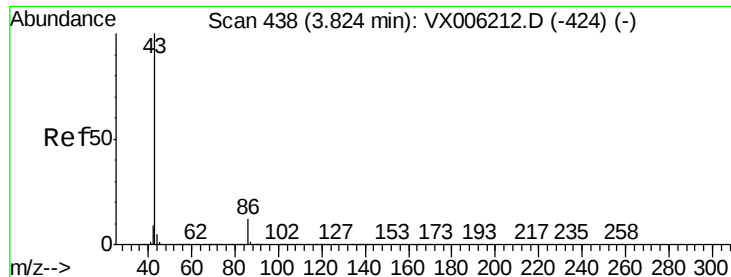
Tot Ion: 43 Resp: 28685
Ion Ratio Lower Upper
43 100
58 30.6 24.0 36.0



#18
Methyl Acetate
Concen: 0.957 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX006443.D
Acq: 12 Dec 2018 14:26

Tgt Ion: 43 Resp: 11285
Ion Ratio Lower Upper
43 100
74 6.7 17.9 26.9#

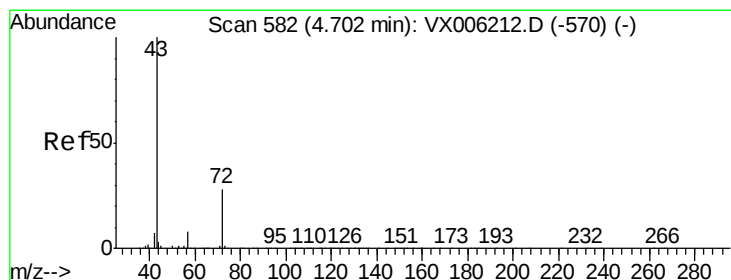
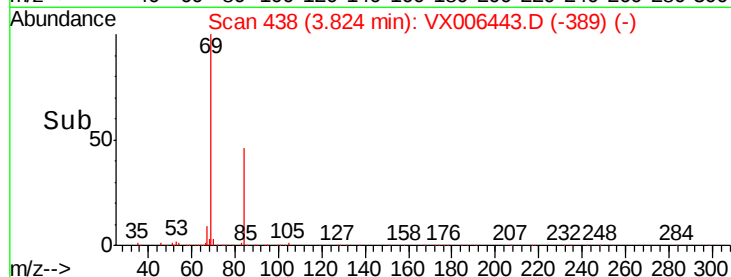
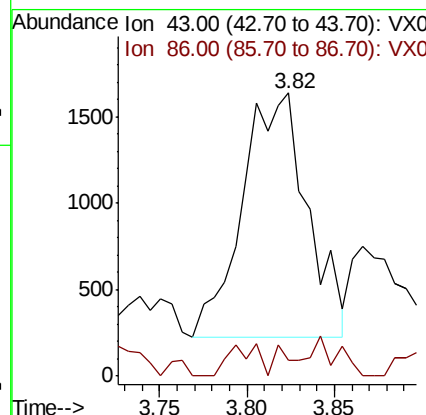
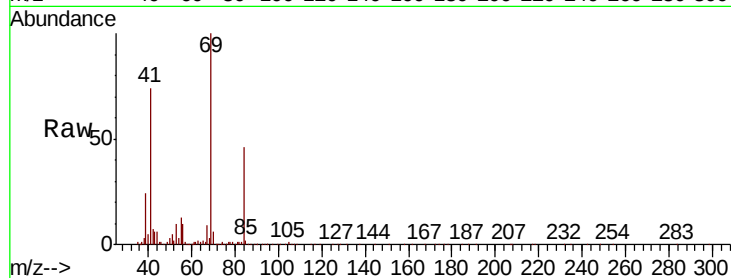




#23
 Vinyl Acetate
 Concen: 0.209 ug/l
 RT: 3.82 min Scan# 438
 Delta R.T. -0.00 min
 Lab File: VX006443.D
 Acq: 12 Dec 2018 14:26

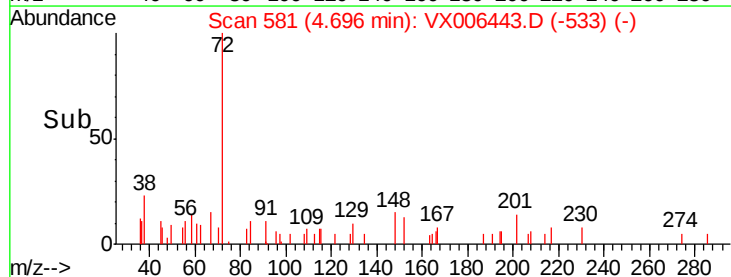
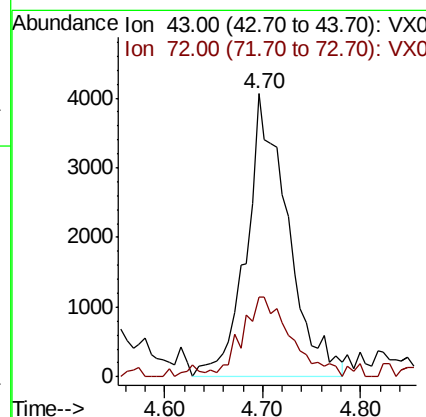
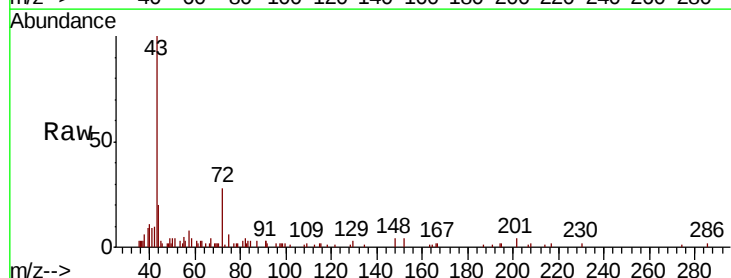
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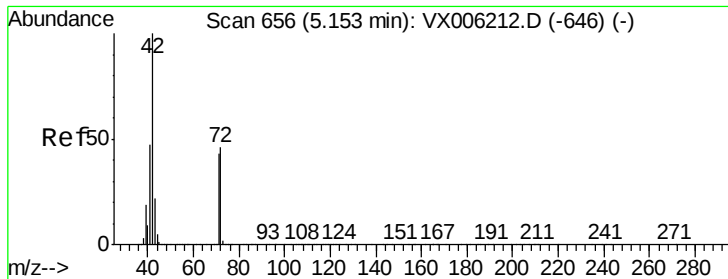
Tot Ion: 43 Resp: 3660
 Ion Ratio Lower Upper
 43 100
 86 6.5 9.4 14.0#



#25
 2-Butanone
 Concen: 2.374 ug/l
 RT: 4.70 min Scan# 581
 Delta R.T. -0.01 min
 Lab File: VX006443.D
 Acq: 12 Dec 2018 14:26

Tgt Ion: 43 Resp: 11948
 Ion Ratio Lower Upper
 43 100
 72 23.7 22.6 33.8

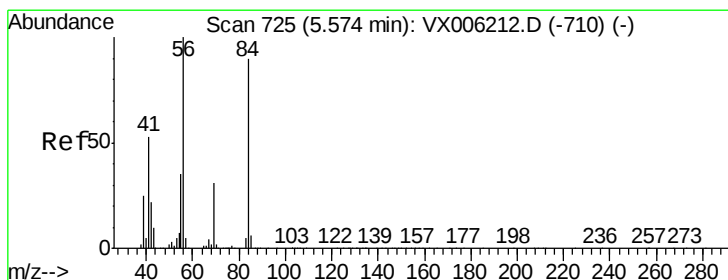
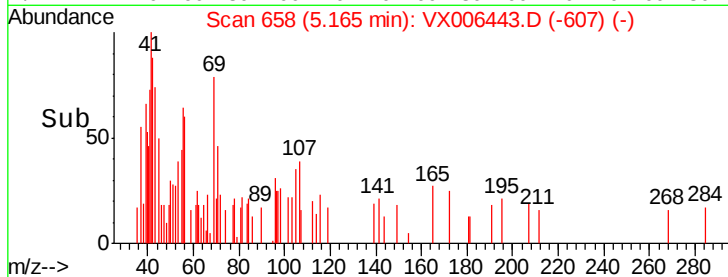
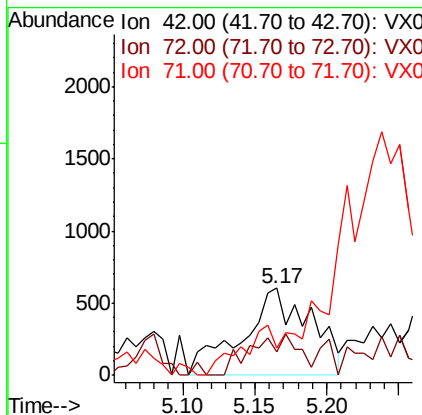
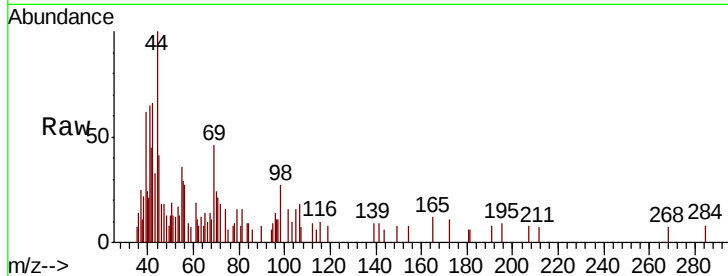




#29
Tetrahydrofuran
Concen: 0.569 ug/l
RT: 5.17 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX006443.D
Acq: 12 Dec 2018 14:26

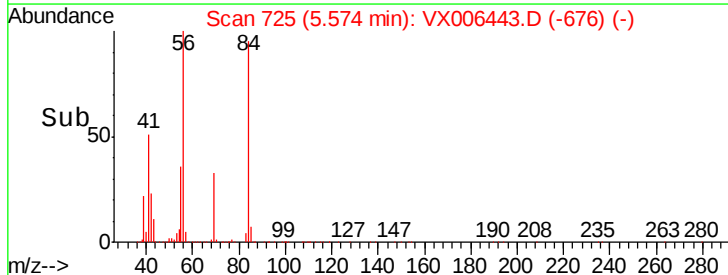
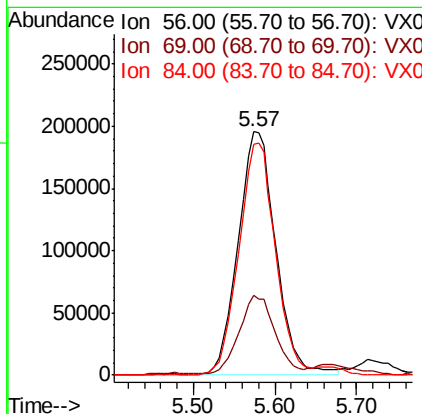
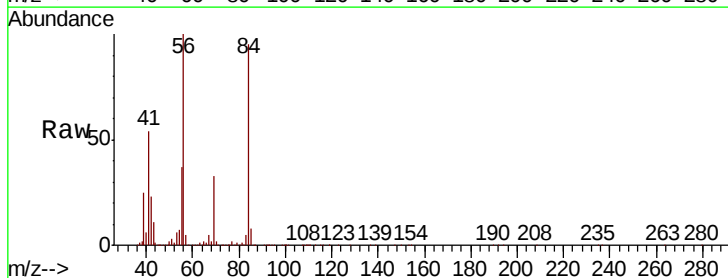
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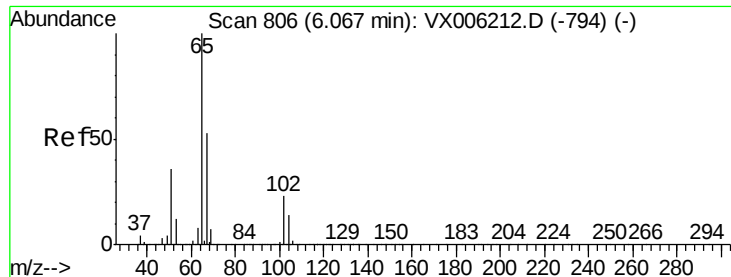
Tot Ion: 42 Resp: 1990
Ion Ratio Lower Upper
42 100
72 19.9 37.8 56.8#
71 29.1 35.2 52.8#



#31
Cyclohexane
Concen: 57.538 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX006443.D
Acq: 12 Dec 2018 14:26

Tgt Ion: 56 Resp: 624750
Ion Ratio Lower Upper
56 100
69 32.3 24.5 36.7
84 95.1 71.8 107.6





#33

1,2-Dichloroethane-d4

Concen: 48.865 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX006443.D

Acq: 12 Dec 2018 14:26

Instrument :

MSVOA_X

ClientSampleId :

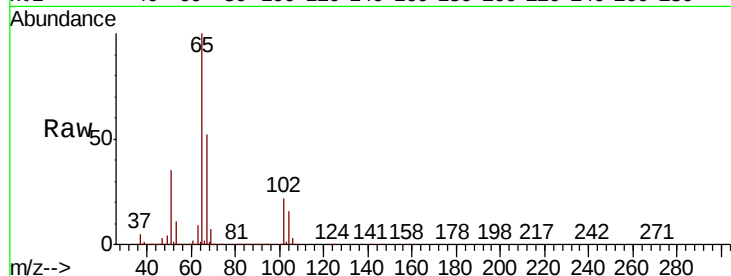
GW-121018DL

Tot Ion: 65 Resp: 367264

Ion Ratio Lower Upper

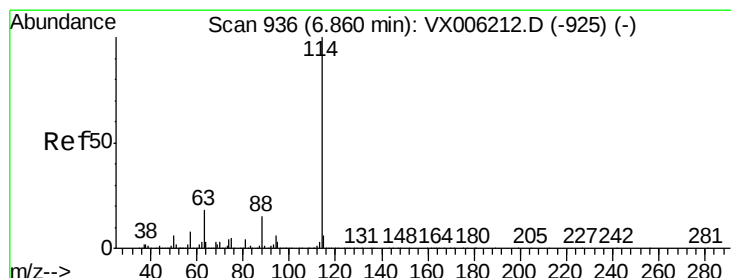
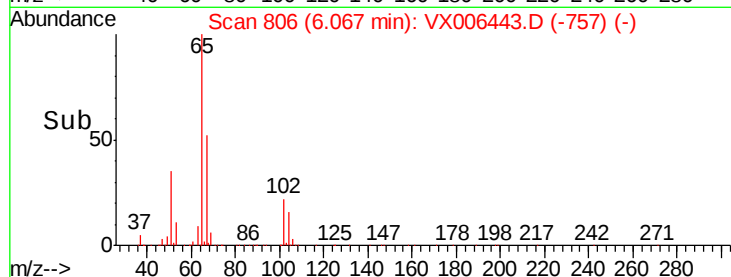
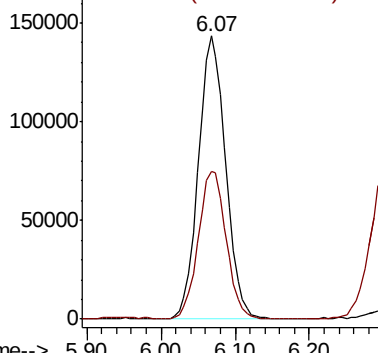
65 100

67 53.1 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006443.D

Acq: 12 Dec 2018 14:26

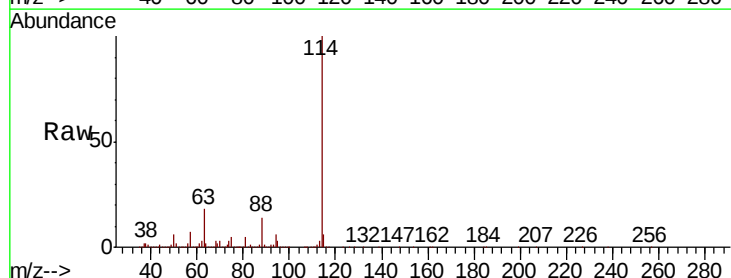
Tgt Ion: 114 Resp: 1125319

Ion Ratio Lower Upper

114 100

63 17.5 0.0 36.6

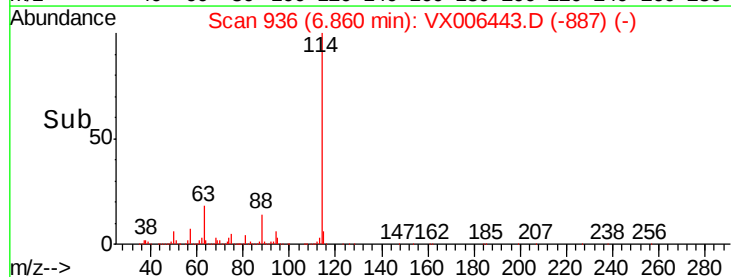
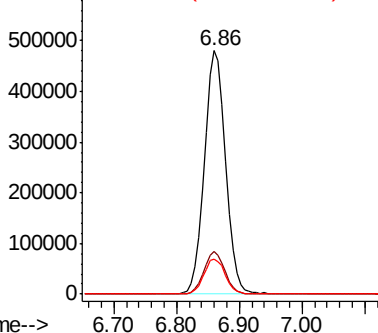
88 14.4 0.0 29.0

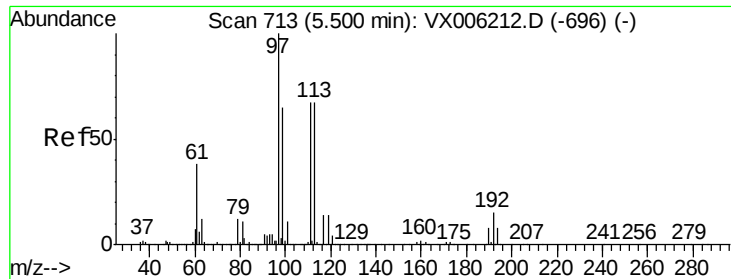


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.177 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX006443.D

Acq: 12 Dec 2018 14:26

Instrument :

MSVOA_X

ClientSampleId :

GW-121018DL

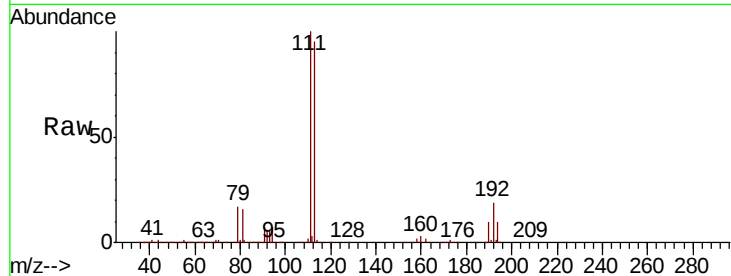
Tot Ion:113 Resp: 343735

Ion Ratio Lower Upper

113 100

111 102.8 81.1 121.7

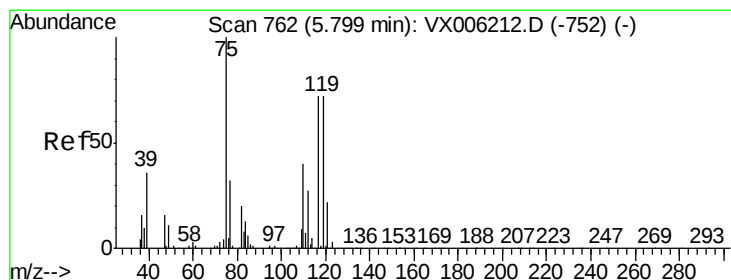
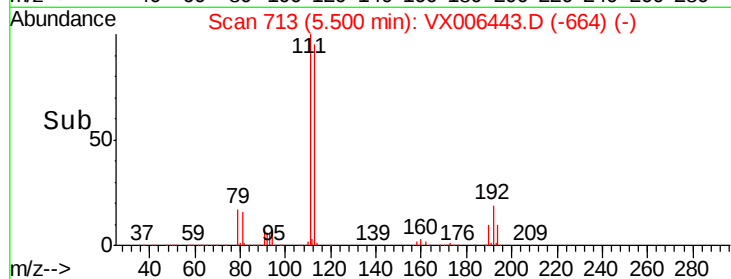
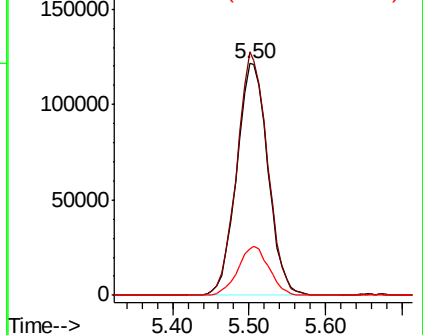
192 21.1 18.2 27.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.901 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX006443.D

Acq: 12 Dec 2018 14:26

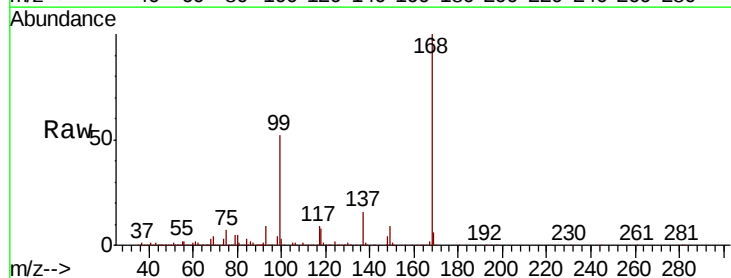
Tgt Ion: 75 Resp: 46445

Ion Ratio Lower Upper

75 100

110 11.1 20.4 61.3#

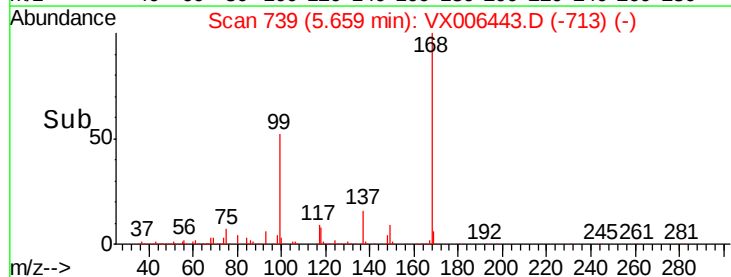
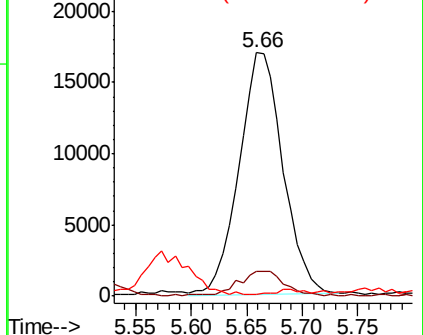
77 0.0 24.9 37.3#

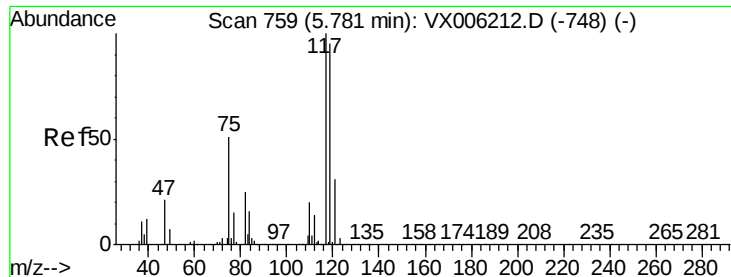


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.017 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX006443.D

Acq: 12 Dec 2018 14:26

Instrument :

MSVOA_X

ClientSampleId :

GW-121018DL

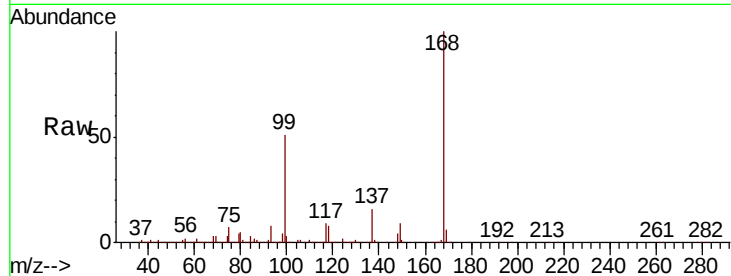
Tot Ion:117 Resp: 67078

Ion Ratio Lower Upper

117 100

119 3.7 75.8 113.8#

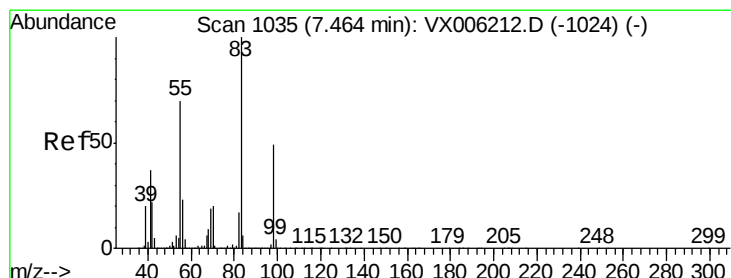
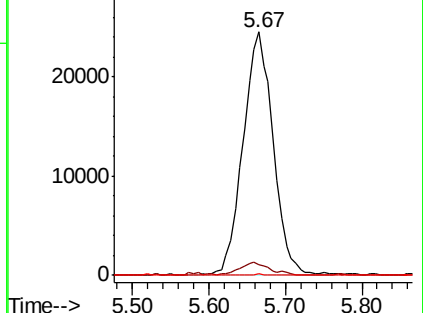
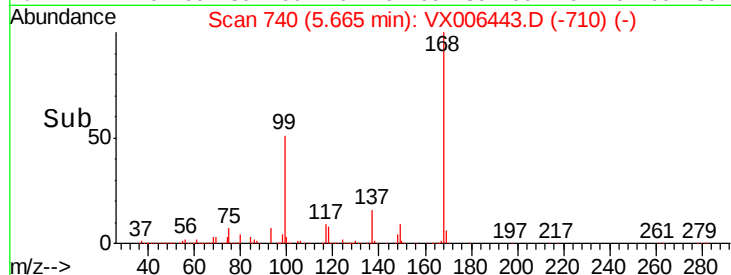
121 0.4 24.6 37.0#



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: 58.102 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. -0.00 min

Lab File: VX006443.D

Acq: 12 Dec 2018 14:26

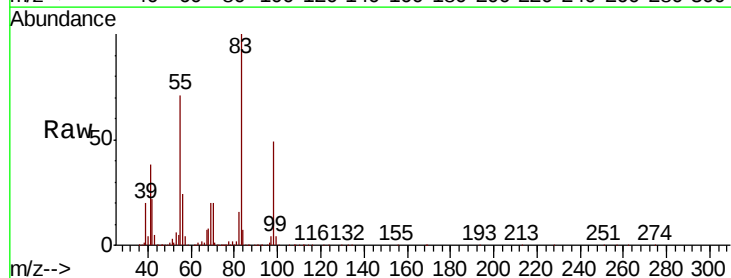
Tgt Ion: 83 Resp: 714699

Ion Ratio Lower Upper

83 100

55 70.7 56.4 84.6

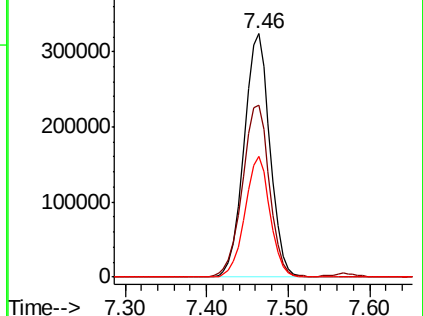
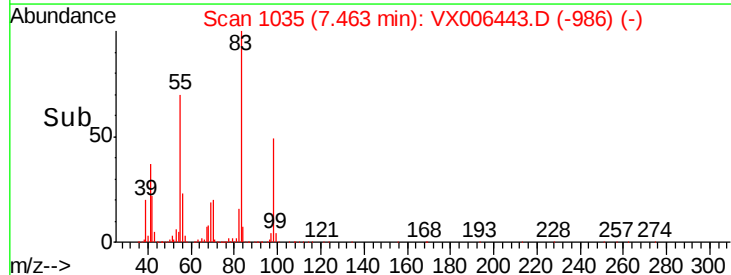
98 49.3 39.0 58.6

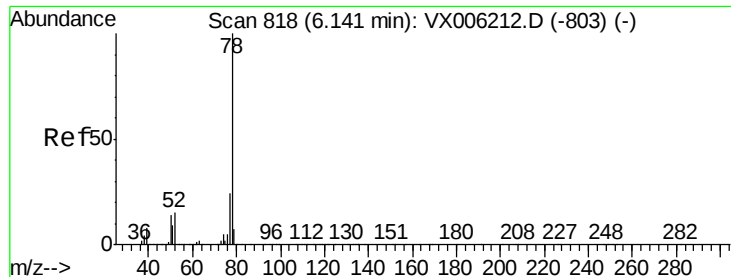


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 60.467 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX006443.D

Acq: 12 Dec 2018 14:26

Instrument :

MSVOA_X

ClientSampleId :

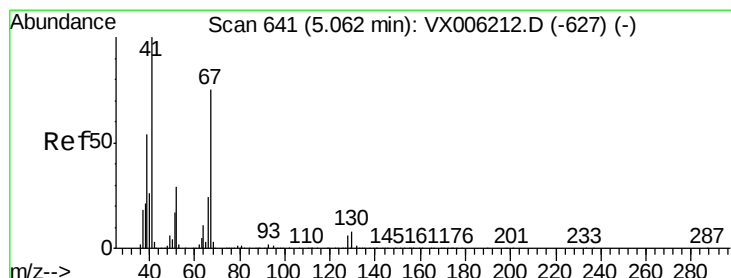
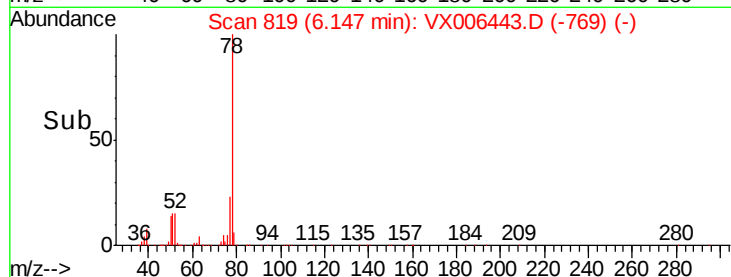
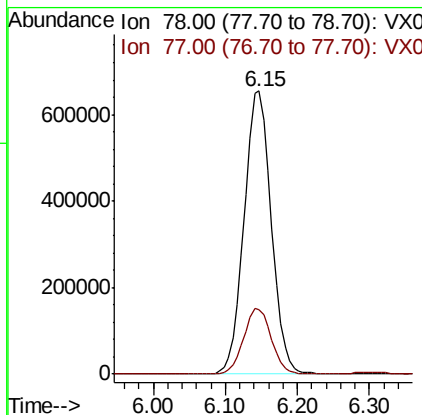
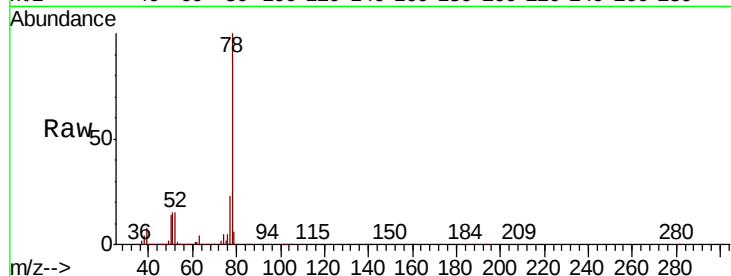
GW-121018DL

Tot Ion: 78 Resp: 1716209

Ion Ratio Lower Upper

78 100

77 22.7 19.2 28.8



#41

Methacrylonitrile

Concen: 0.351 ug/l

RT: 5.06 min Scan# 641

Delta R.T. -0.00 min

Lab File: VX006443.D

Acq: 12 Dec 2018 14:26

Tgt Ion: 41 Resp: 2050

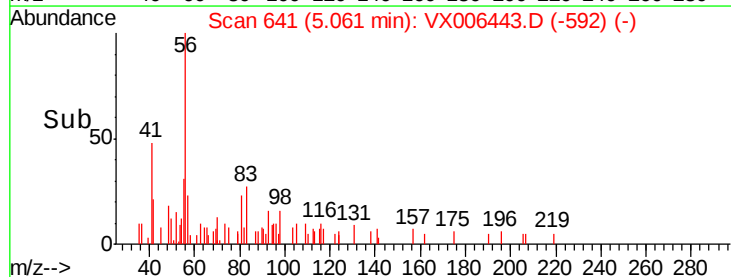
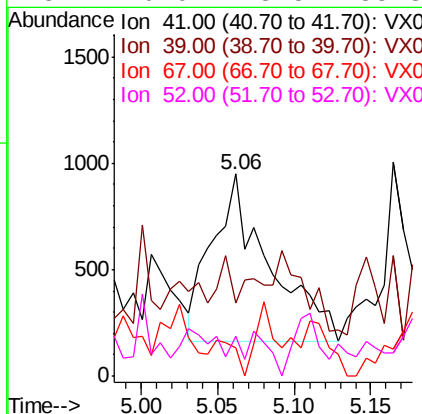
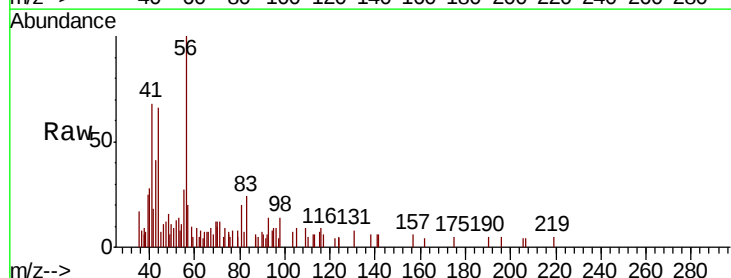
Ion Ratio Lower Upper

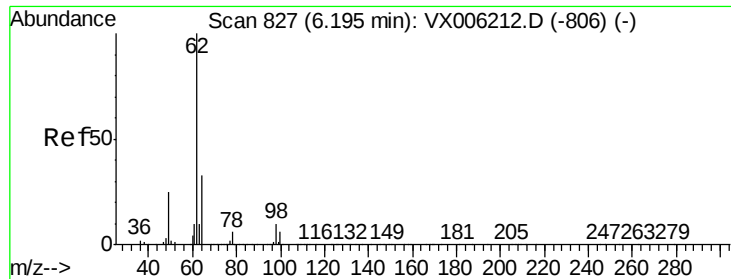
41 100

39 0.0 44.0 66.0#

67 0.0 61.4 92.0#

52 0.0 23.5 35.3#





#42

1,2-Dichloroethane

Concen: 1.484 ug/l

RT: 6.15 min Scan# 819

Delta R.T. -0.05 min

Lab File: VX006443.D

Acq: 12 Dec 2018 14:26

Instrument :

MSVOA_X

ClientSampleId :

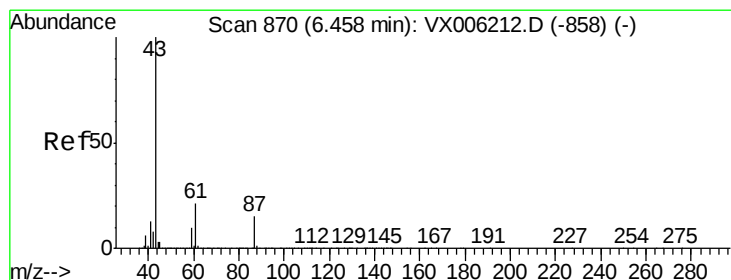
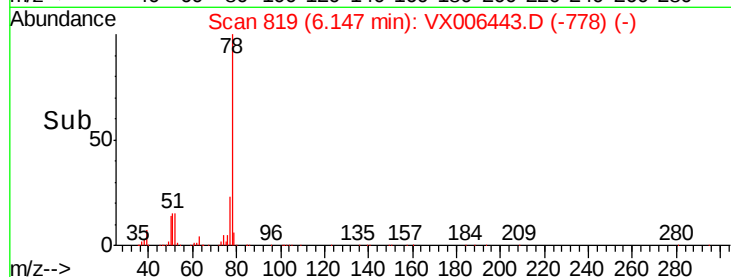
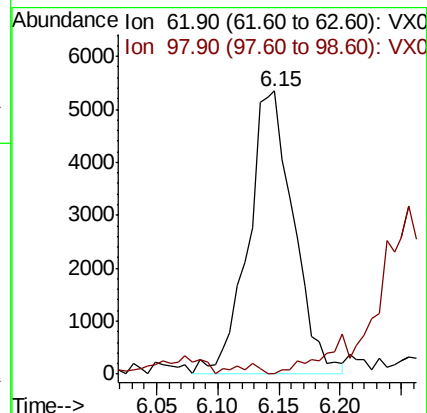
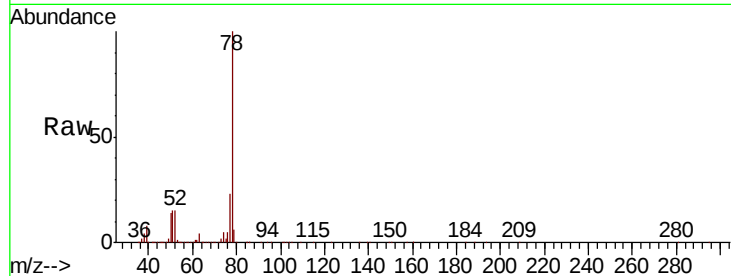
GW-121018DL

Tot Ion: 62 Resp: 13787

Ion Ratio Lower Upper

62 100

98 0.0 0.0 20.2



#43

Isopropyl Acetate

Concen: 0.730 ug/l

RT: 6.45 min Scan# 869

Delta R.T. -0.01 min

Lab File: VX006443.D

Acq: 12 Dec 2018 14:26

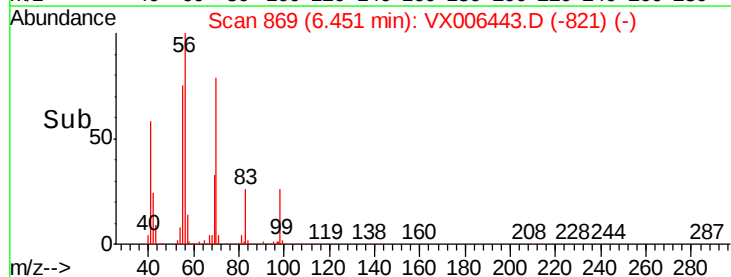
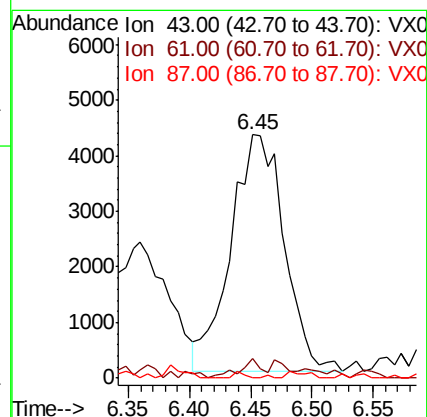
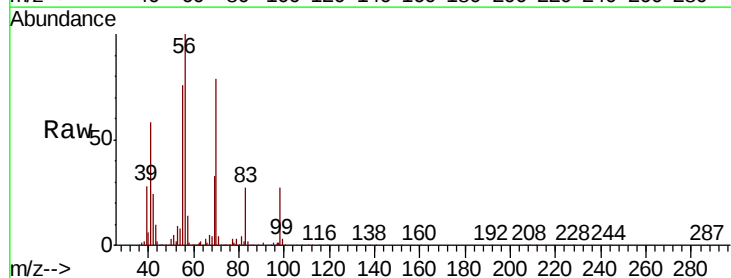
Tgt Ion: 43 Resp: 12925

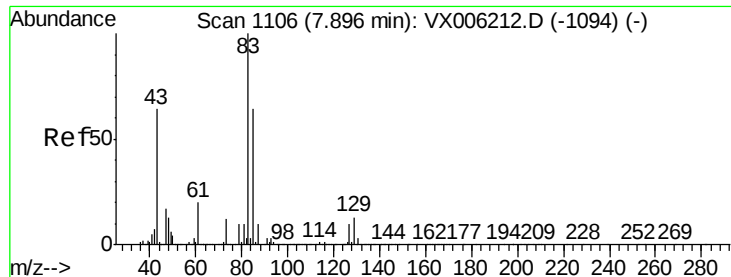
Ion Ratio Lower Upper

43 100

61 3.3 16.8 25.2#

87 0.5 11.9 17.9#





#47

Bromodichloromethane

Concen: 1.581 ug/l

RT: 7.95 min Scan# 1114

Delta R.T. 0.05 min

Lab File: VX006443.D

Acq: 12 Dec 2018 14:26

Instrument :

MSVOA_X

ClientSampleId :

GW-121018DL

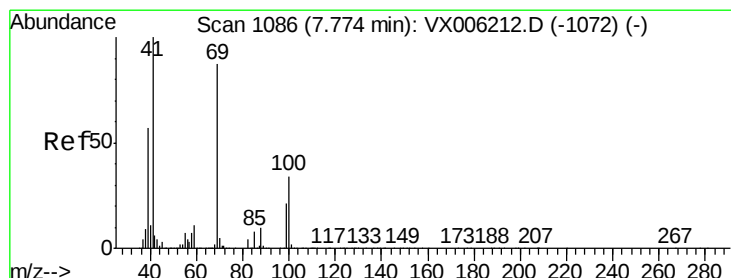
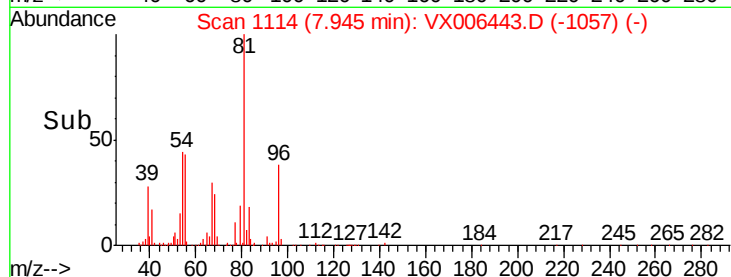
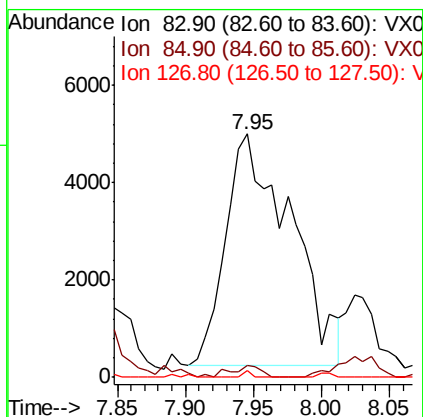
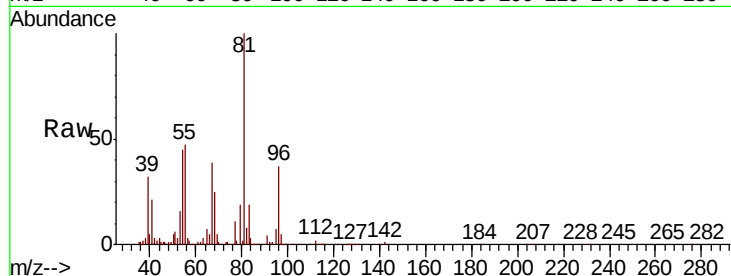
Tot Ion: 83 Resp: 15947

Ion Ratio Lower Upper

83 100

85 3.4 51.4 77.0#

127 2.8 7.9 11.9#



#48

Methyl methacrylate

Concen: 0.399 ug/l

RT: 7.78 min Scan# 1087

Delta R.T. 0.01 min

Lab File: VX006443.D

Acq: 12 Dec 2018 14:26

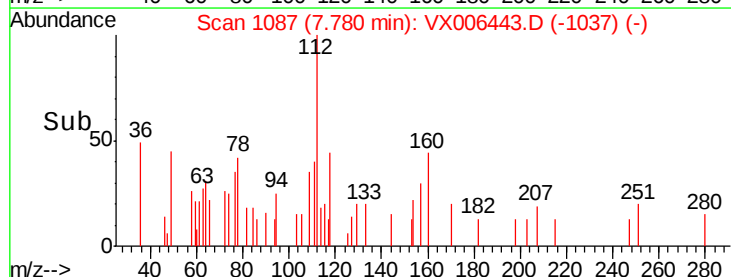
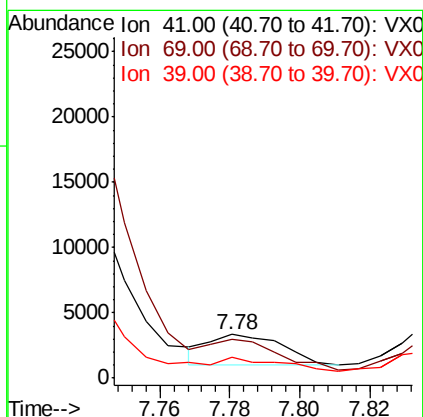
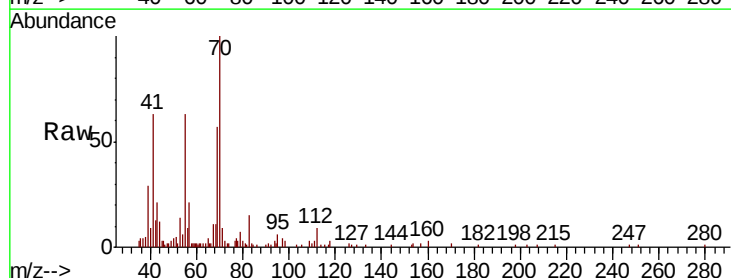
Tgt Ion: 41 Resp: 3435

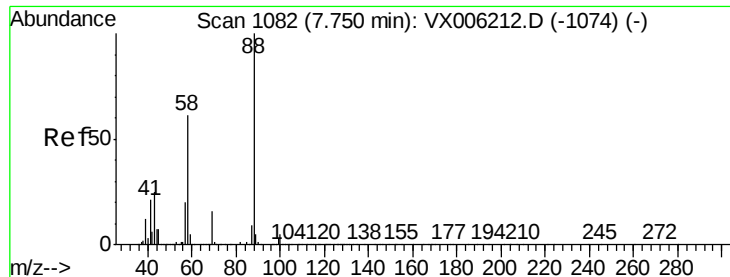
Ion Ratio Lower Upper

41 100

69 0.0 70.3 105.5#

39 0.0 45.3 67.9#





#49

1,4-Dioxane

Concen: 0.490 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.01 min

Lab File: VX006443.D

Acq: 12 Dec 2018 14:26

Instrument :

MSVOA_X

ClientSampled :

GW-121018DL

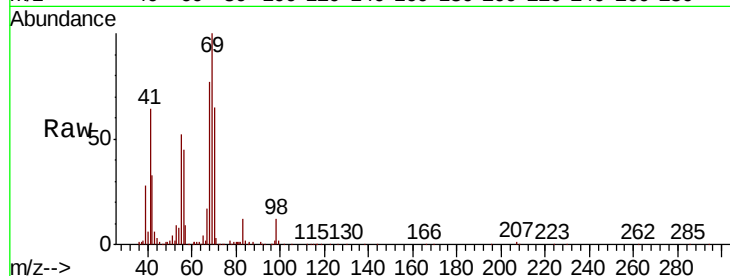
Tot Ion: 88 Resp: 104

Ion Ratio Lower Upper

88 100

43 2744.2 23.2 34.8#

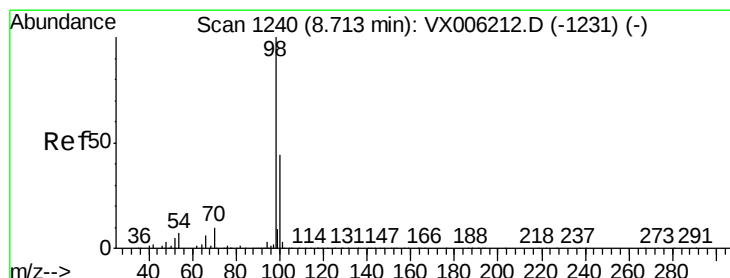
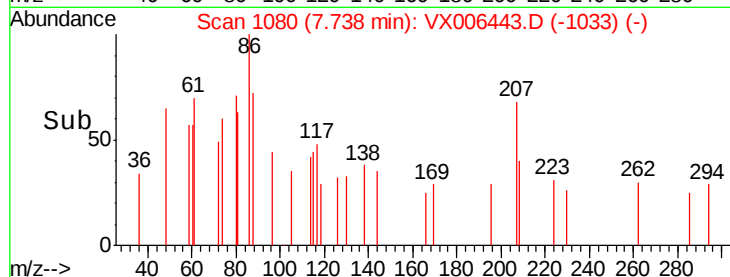
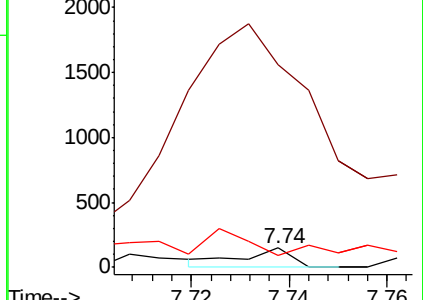
58 116.3 51.4 77.0#



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 49.735 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006443.D

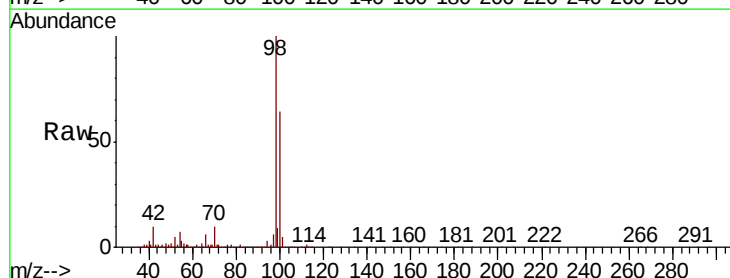
Acq: 12 Dec 2018 14:26

Tgt Ion: 98 Resp: 1318078

Ion Ratio Lower Upper

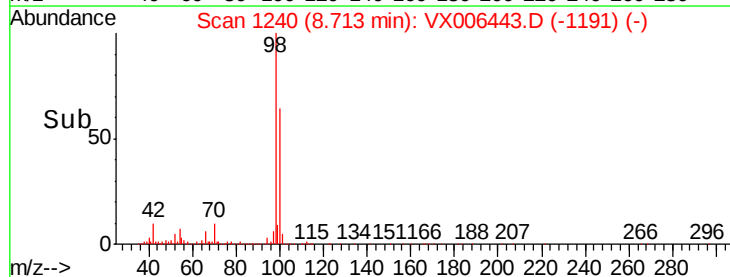
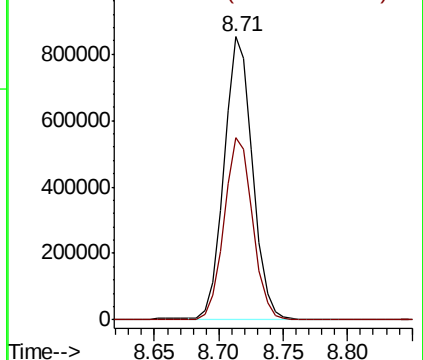
98 100

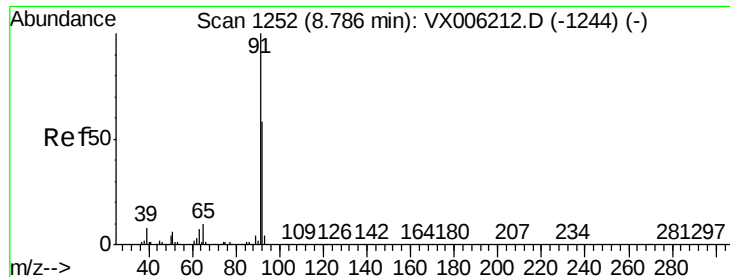
100 64.8 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#52

Toluene

Concen: 7.292 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX006443.D

Acq: 12 Dec 2018 14:26

Instrument :

MSVOA_X

ClientSampleId :

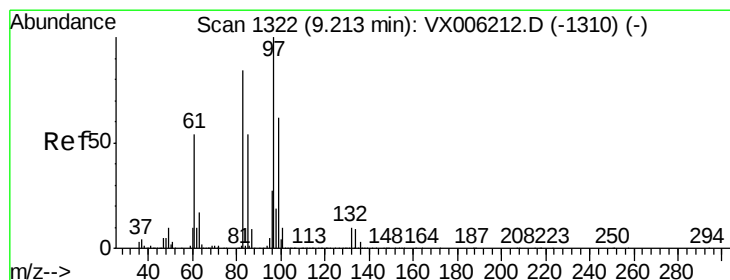
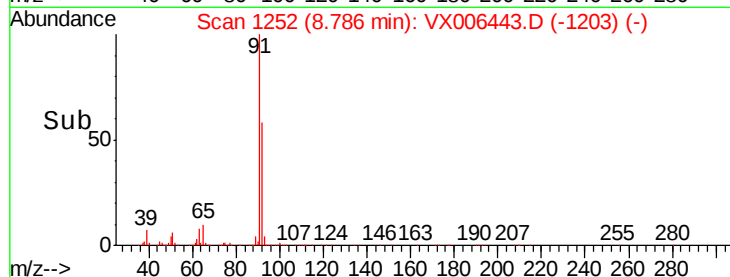
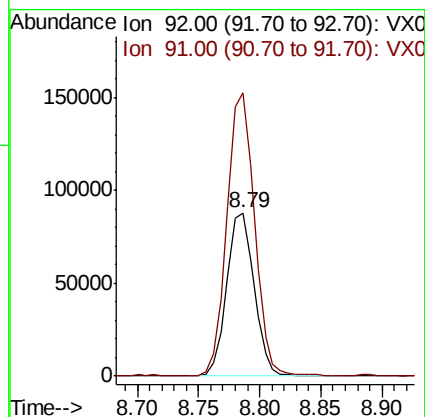
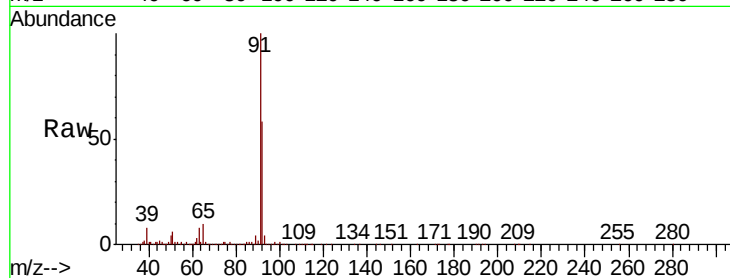
GW-121018DL

Tot Ion: 92 Resp: 136168

Ion Ratio Lower Upper

92 100

91 174.4 139.2 208.8



#55

1,1,2-Trichloroethane

Concen: 6.701 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.05 min

Lab File: VX006443.D

Acq: 12 Dec 2018 14:26

Tgt Ion: 97 Resp: 50833

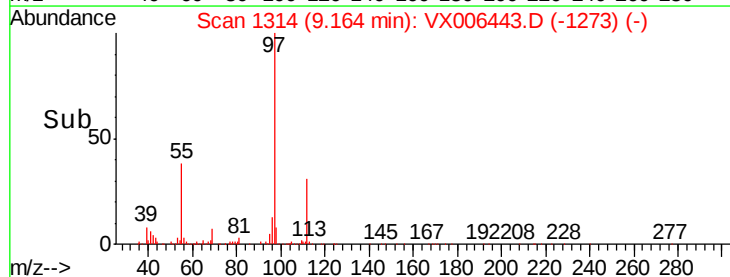
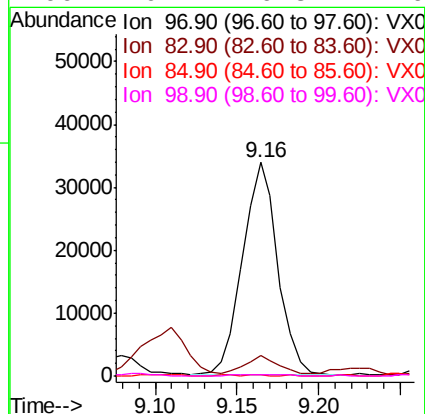
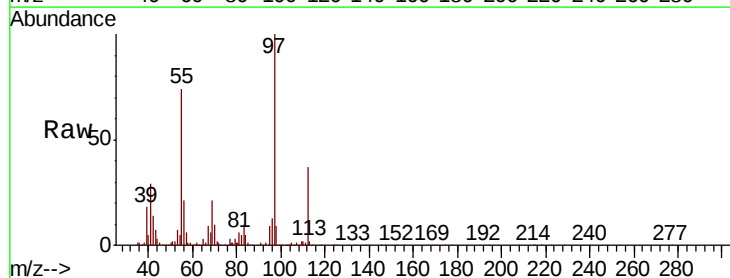
Ion Ratio Lower Upper

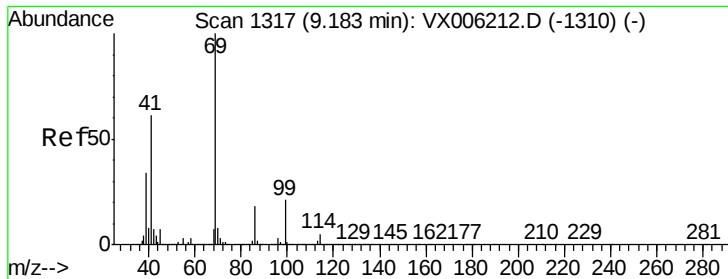
97 100

83 7.1 67.1 100.7#

85 0.6 43.2 64.8#

99 0.4 49.8 74.6#





#56

Ethyl methacrylate

Concen: 1.120 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.02 min

Lab File: VX006443.D

Acq: 12 Dec 2018 14:26

Instrument :

MSVOA_X

ClientSampleID :

GW-121018DL

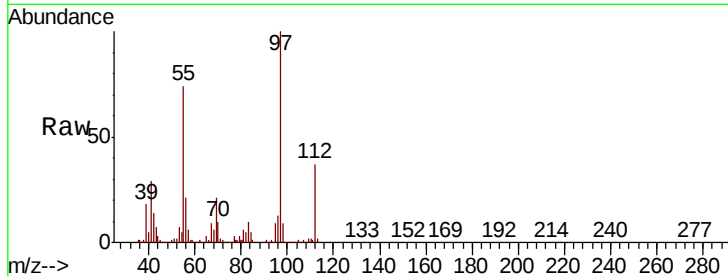
Tot Ion: 69 Resp: 13287

Ion Ratio Lower Upper

69 100

41 142.0 50.6 76.0#

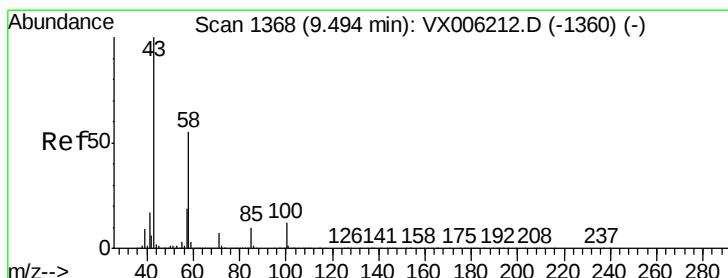
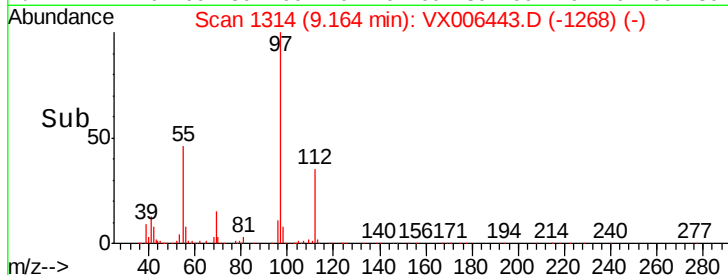
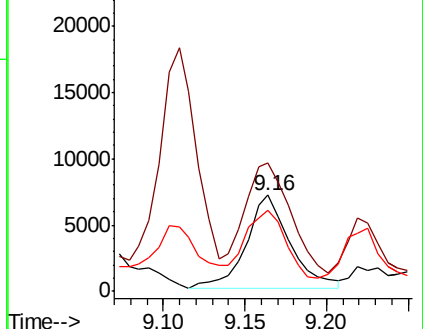
39 74.9 27.6 41.4#



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#59

2-Hexanone

Concen: 0.223 ug/l

RT: 9.51 min Scan# 1370

Delta R.T. 0.01 min

Lab File: VX006443.D

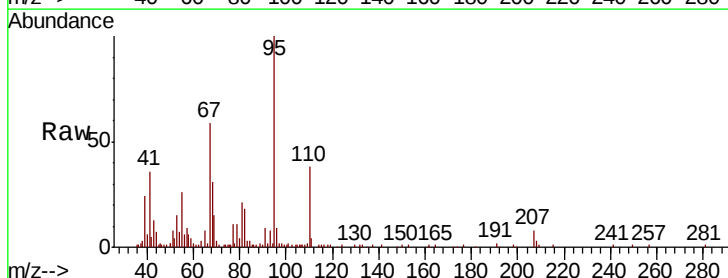
Acq: 12 Dec 2018 14:26

Tgt Ion: 43 Resp: 1755

Ion Ratio Lower Upper

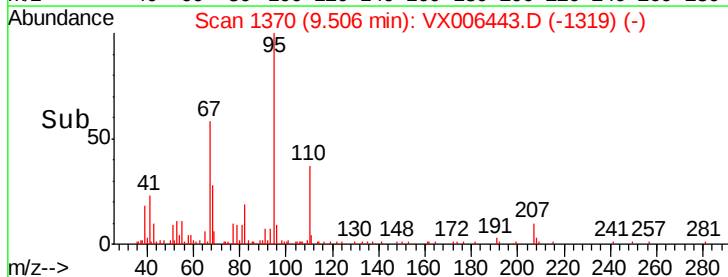
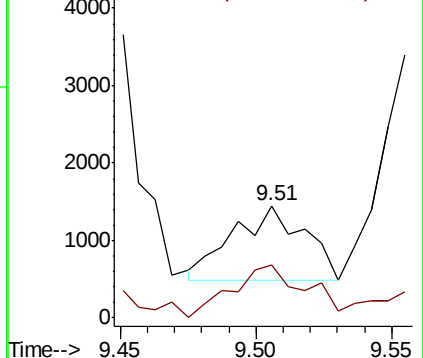
43 100

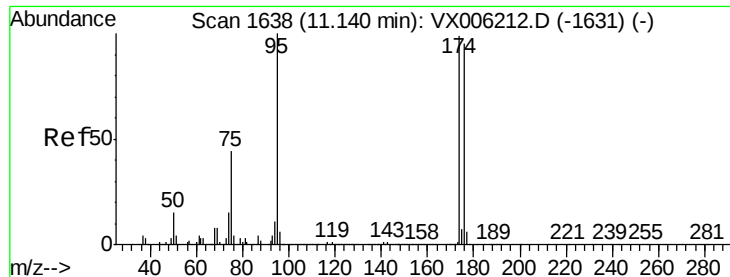
58 76.4 27.7 83.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#62

4-Bromofluorobenzene

Concen: 49.141 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006443.D

Acq: 12 Dec 2018 14:26

Instrument :

MSVOA_X

ClientSampleId :

GW-121018DL

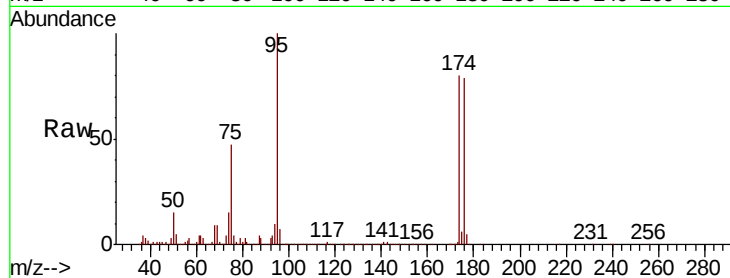
Tot Ion: 95 Resp: 490763

Ion Ratio Lower Upper

95 100

174 89.5 0.0 187.0

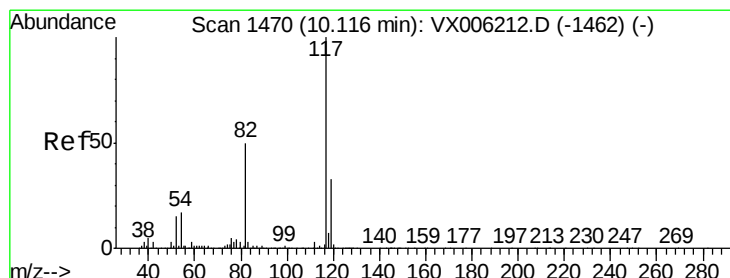
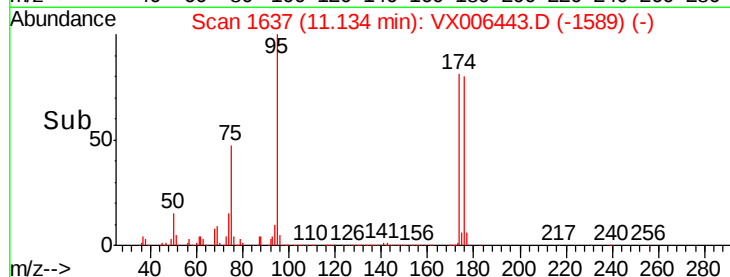
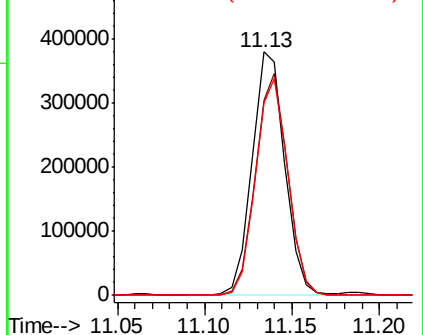
176 87.7 0.0 181.8



Abundance Ion 94.90 (94.60 to 95.60): VX006443.D (-1589) (-)

Ion 173.80 (173.50 to 174.50): VX006443.D (-1589) (-)

Ion 175.80 (175.50 to 176.50): VX006443.D (-1589) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX006443.D

Acq: 12 Dec 2018 14:26

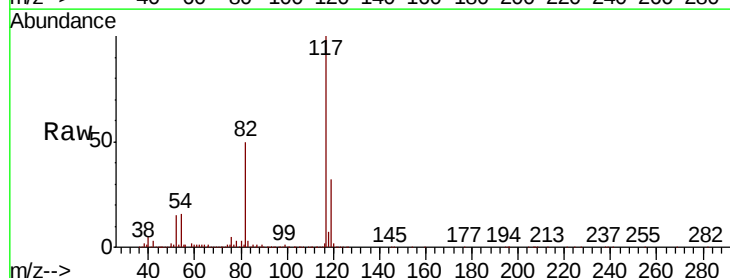
Tgt Ion: 117 Resp: 1027462

Ion Ratio Lower Upper

117 100

82 50.2 39.6 59.4

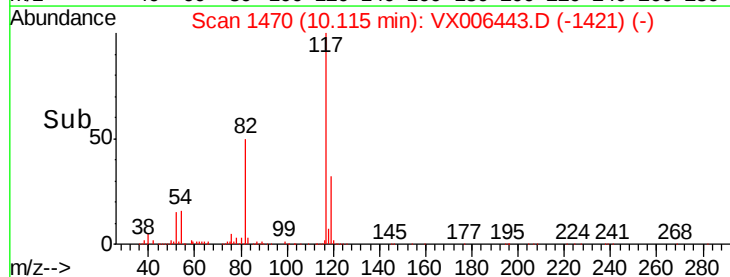
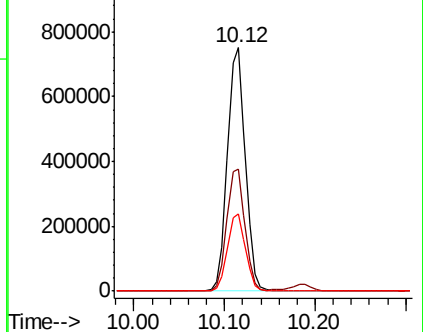
119 31.5 26.3 39.5

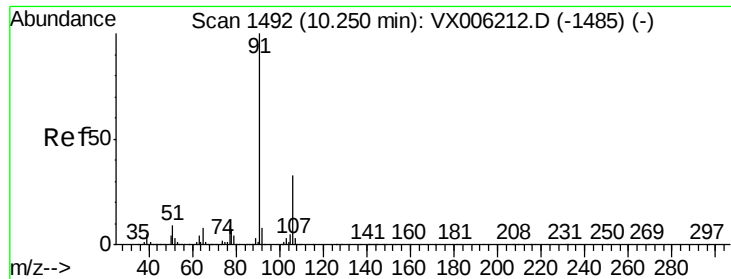


Abundance Ion 116.90 (116.60 to 117.60): VX006443.D (-1421) (-)

Ion 82.00 (81.70 to 82.70): VX006443.D (-1421) (-)

Ion 118.90 (118.60 to 119.60): VX006443.D (-1421) (-)





#67

Ethyl Benzene

Concen: 41.274 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX006443.D

Acq: 12 Dec 2018 14:26

Instrument :

MSVOA_X

ClientSampleId :

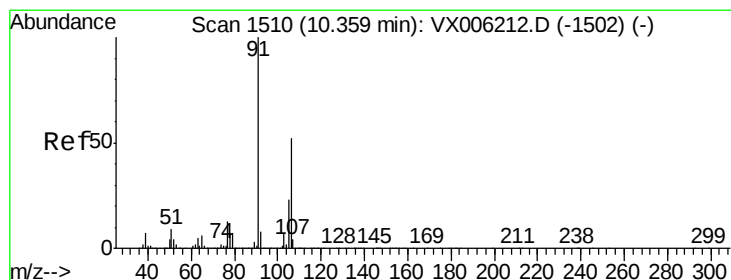
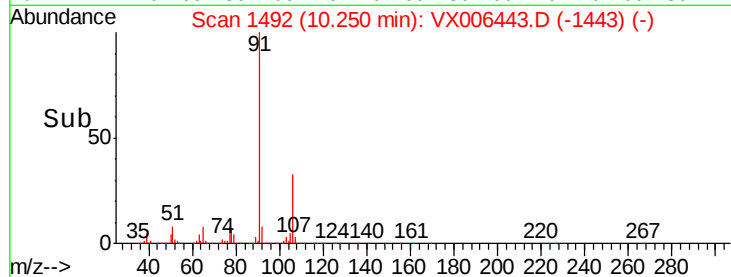
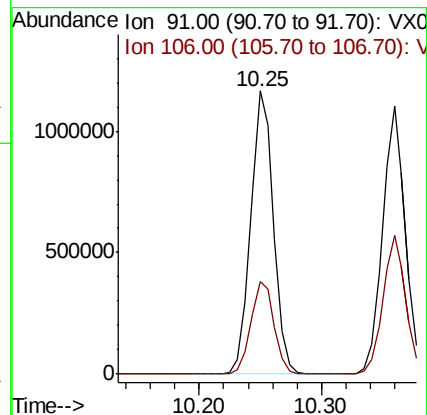
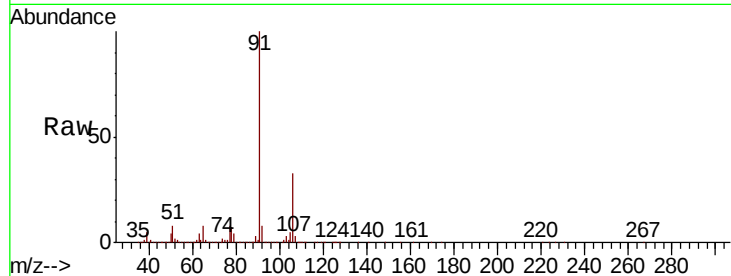
GW-121018DL

Tot Ion: 91 Resp: 1497234

Ion Ratio Lower Upper

91 100

106 32.6 26.5 39.7



#68

m/p-Xylenes

Concen: 50.857 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX006443.D

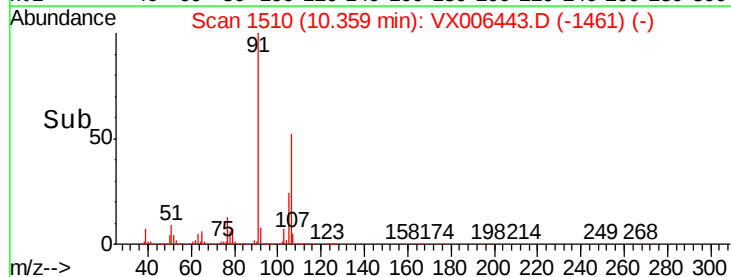
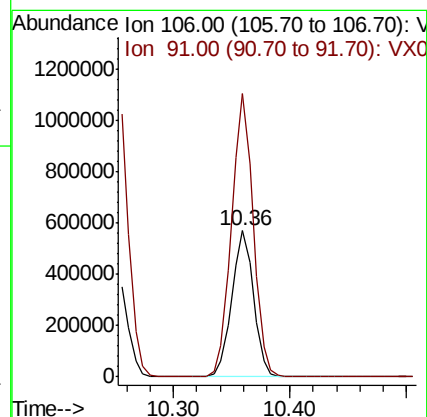
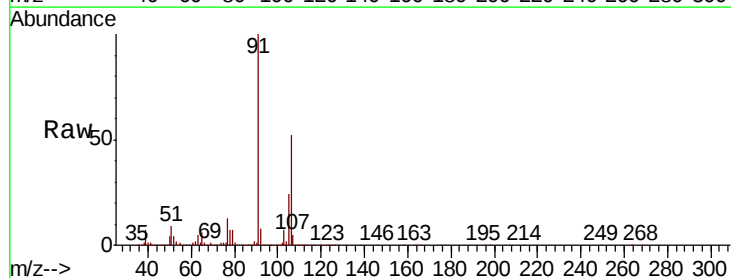
Acq: 12 Dec 2018 14:26

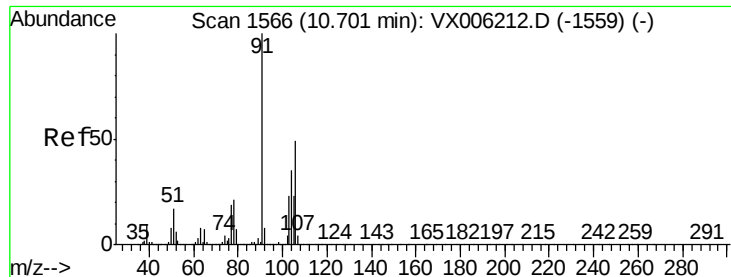
Tgt Ion: 106 Resp: 739005

Ion Ratio Lower Upper

106 100

91 192.5 155.2 232.8

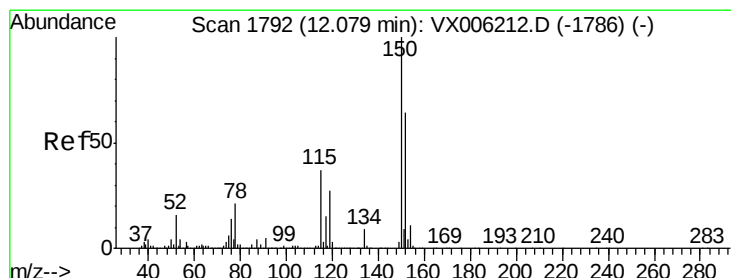
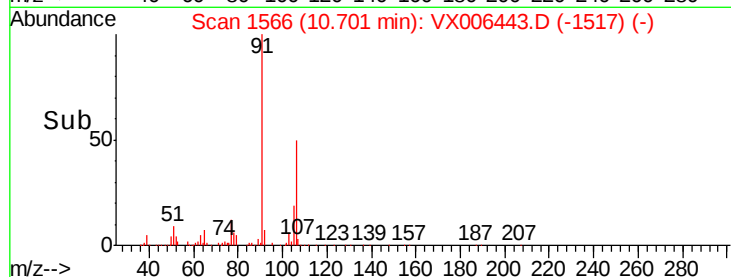
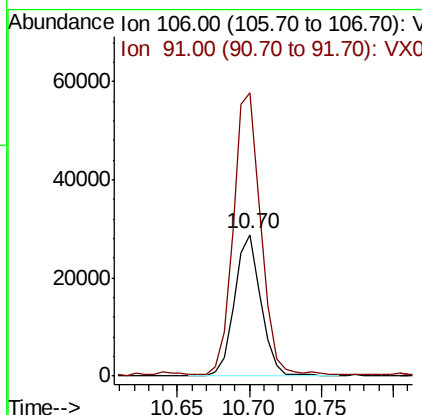
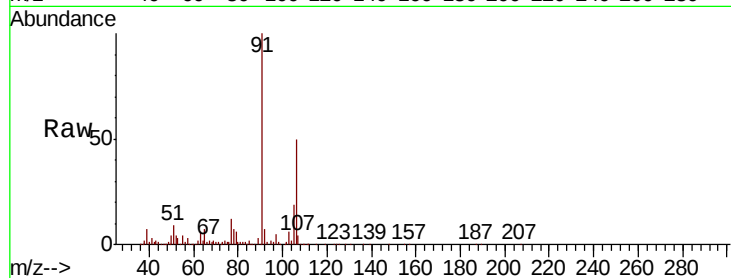




#69
o-Xylene
Concen: 2.585 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006443.D
Acq: 12 Dec 2018 14:26

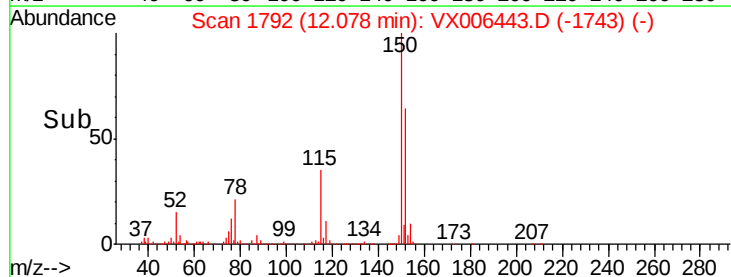
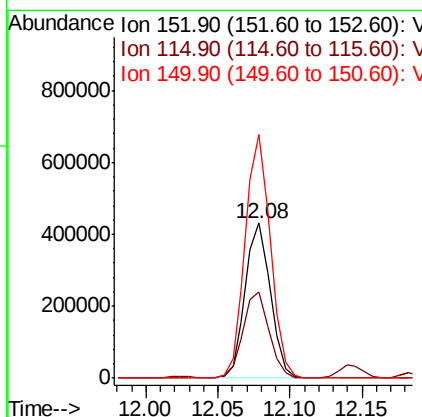
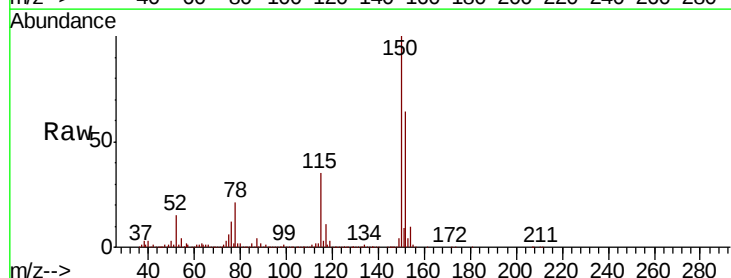
Instrument :
MSVOA_X
ClientSampleID :
GW-121018DL

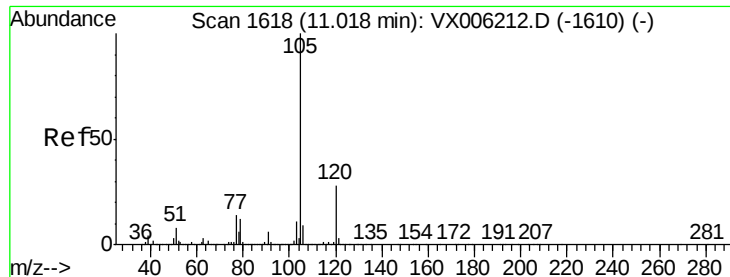
Tot Ion:106 Resp: 37103
Ion Ratio Lower Upper
106 100
91 204.8 101.8 305.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX006443.D
Acq: 12 Dec 2018 14:26

Tgt Ion:152 Resp: 522917
Ion Ratio Lower Upper
152 100
115 57.0 39.0 116.9
150 156.4 0.0 345.8





#73

Isopropylbenzene

Concen: 16.017 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006443.D

Acq: 12 Dec 2018 14:26

Instrument :

MSVOA_X

ClientSampleID :

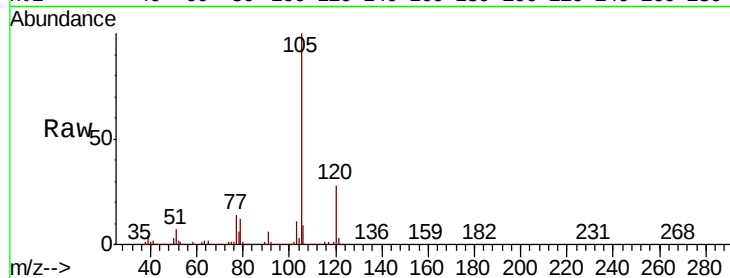
GW-121018DL

Tot Ion:105 Resp: 578422

Ion Ratio Lower Upper

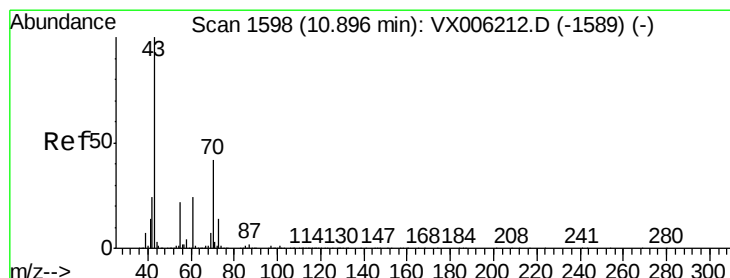
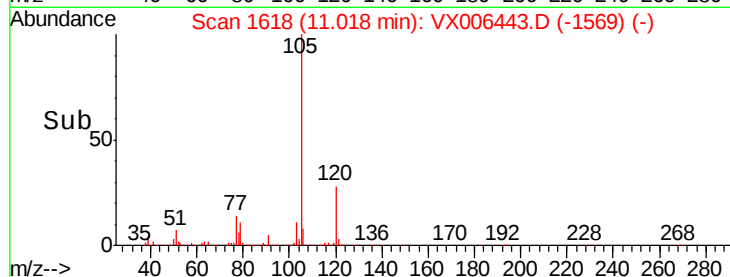
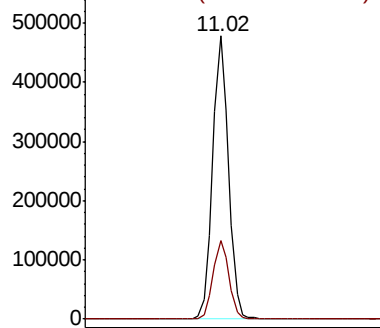
105 100

120 28.1 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-ethyl acetate

Concen: 0.330 ug/l

RT: 10.91 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VX006443.D

Acq: 12 Dec 2018 14:26

Tgt Ion: 43 Resp: 5126

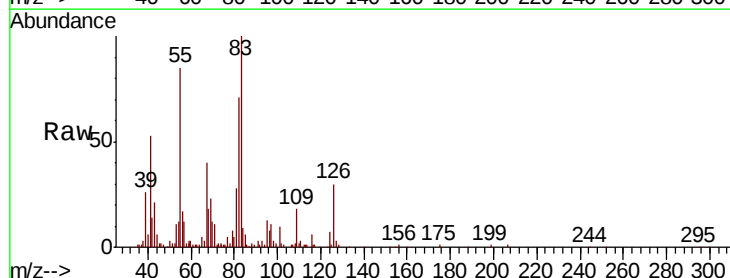
Ion Ratio Lower Upper

43 100

70 104.8 34.1 51.1#

55 426.6 17.8 26.8#

61 0.0 19.7 29.5#

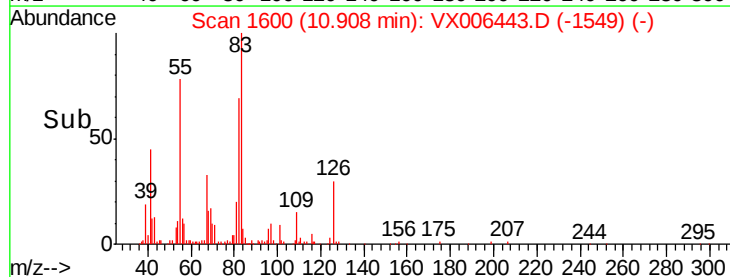
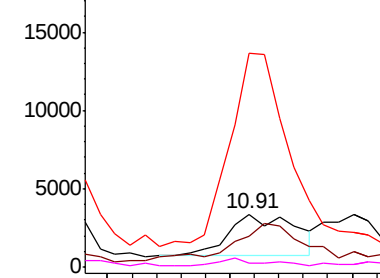


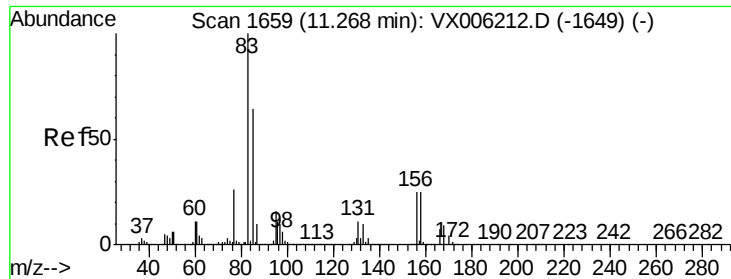
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 0.371 ug/l

RT: 11.28 min Scan# 1661

Delta R.T. 0.01 min

Lab File: VX006443.D

Acq: 12 Dec 2018 14:26

Instrument :

MSVOA_X

ClientSampleID :

GW-121018DL

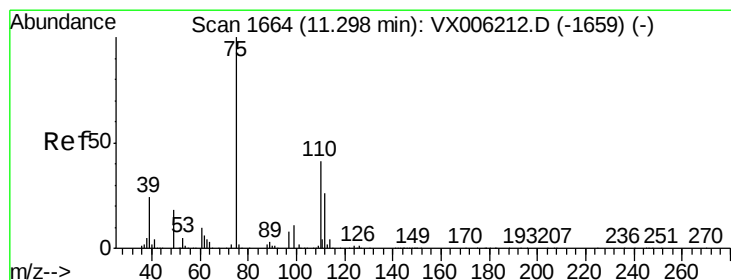
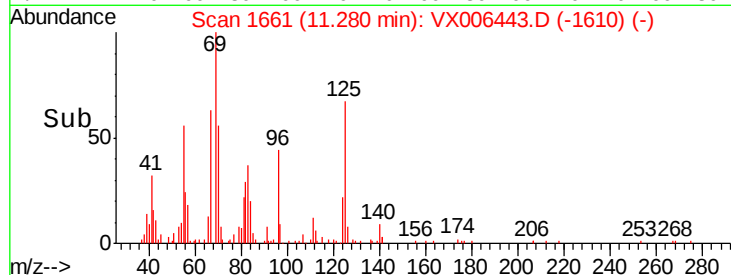
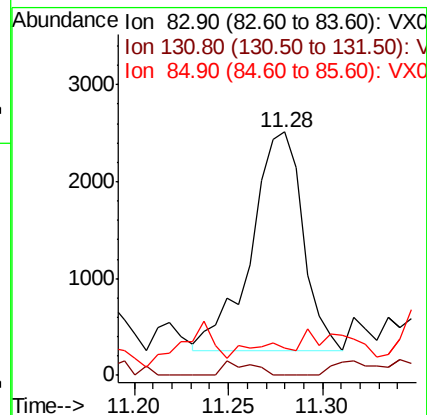
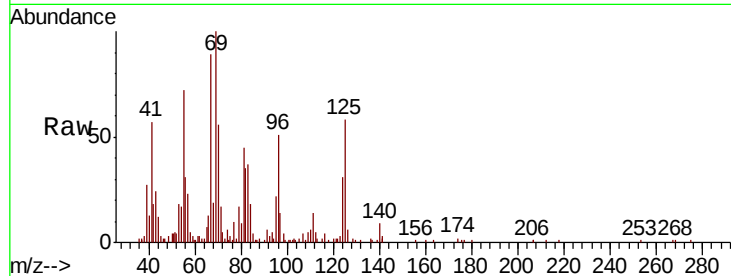
Tot Ion: 83 Resp: 4287

Ion Ratio Lower Upper

83 100

131 0.0 5.7 17.1#

85 9.6 32.1 96.5#



#76

1,2,3-Trichloropropane

Concen: 22.105 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX006443.D

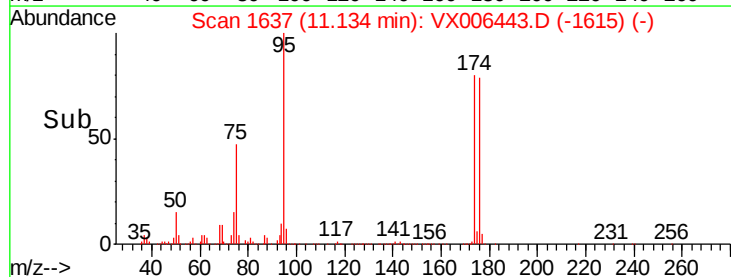
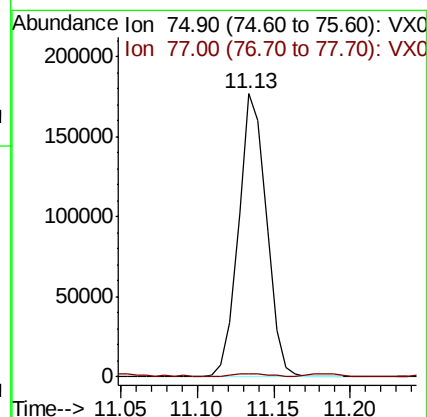
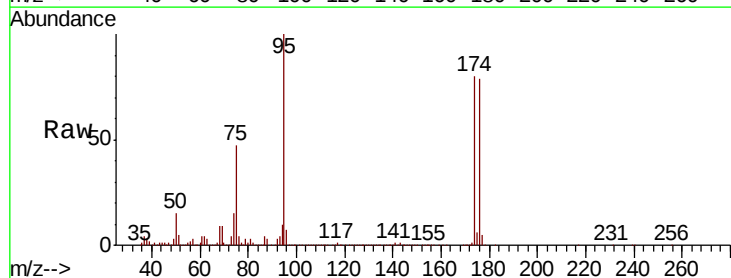
Acq: 12 Dec 2018 14:26

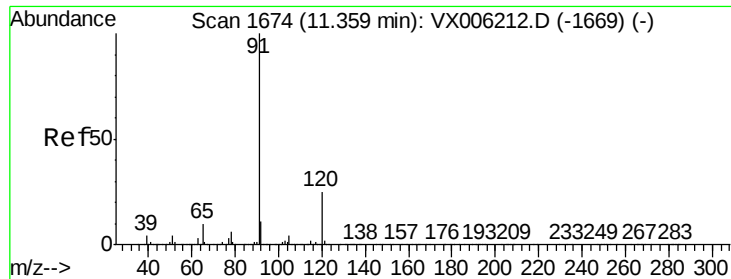
Tgt Ion: 75 Resp: 223108

Ion Ratio Lower Upper

75 100

77 1.1 19.9 59.7#





#78

n-propylbenzene

Concen: 19.526 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006443.D

Acq: 12 Dec 2018 14:26

Instrument :

MSVOA_X

ClientSampleId :

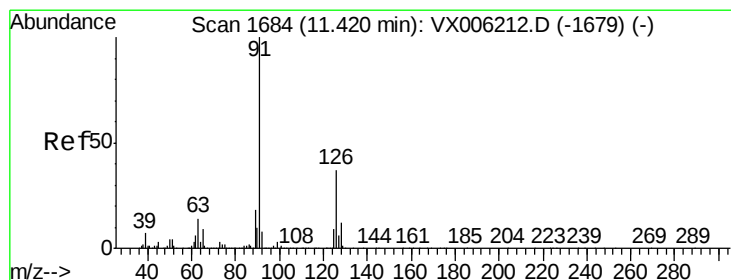
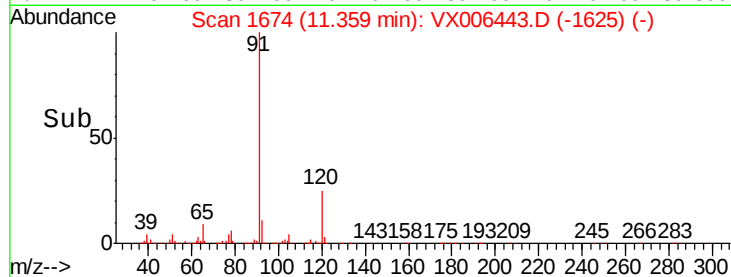
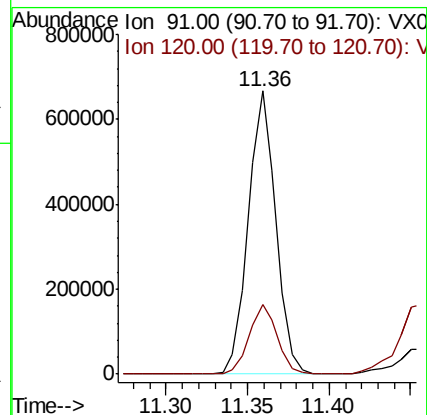
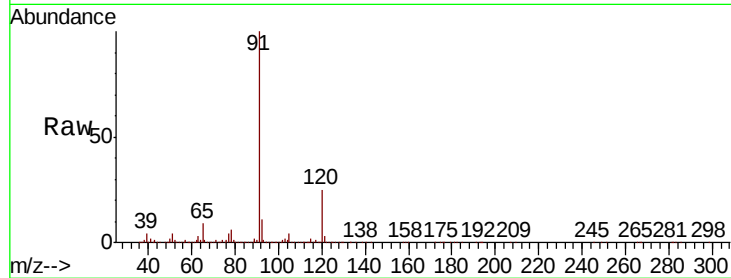
GW-121018DL

Tot Ion: 91 Resp: 783797

Ion Ratio Lower Upper

91 100

120 25.2 12.7 38.0



#79

2-Chlorotoluene

Concen: 3.631 ug/l

RT: 11.45 min Scan# 1689

Delta R.T. 0.03 min

Lab File: VX006443.D

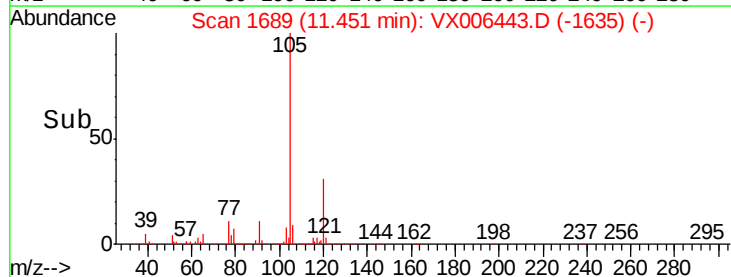
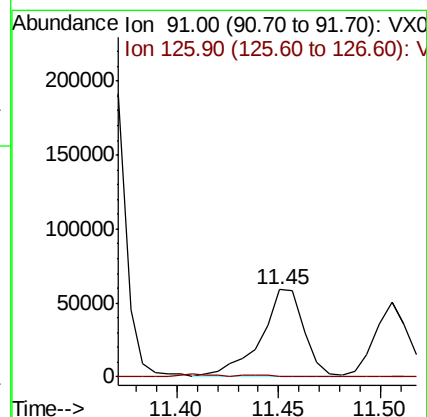
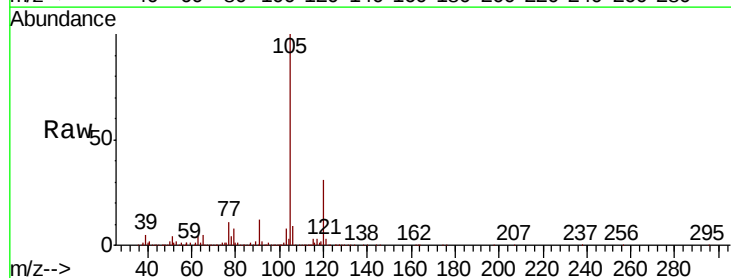
Acq: 12 Dec 2018 14:26

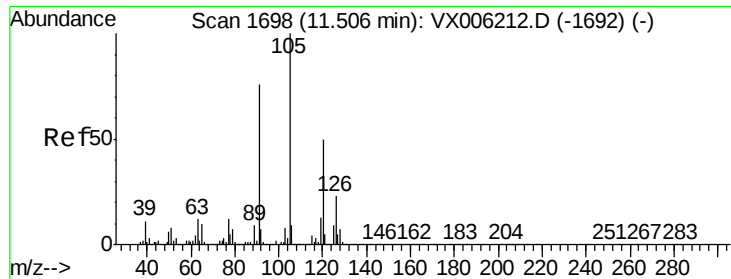
Tgt Ion: 91 Resp: 86620

Ion Ratio Lower Upper

91 100

126 1.5 18.6 56.0#

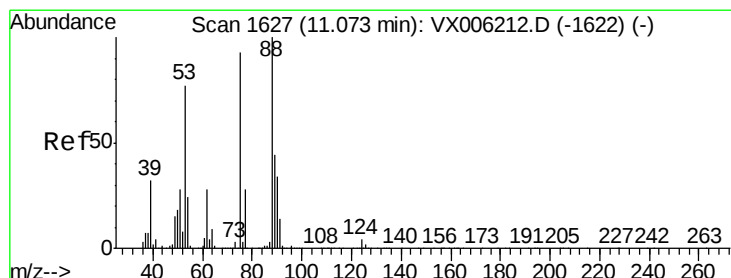
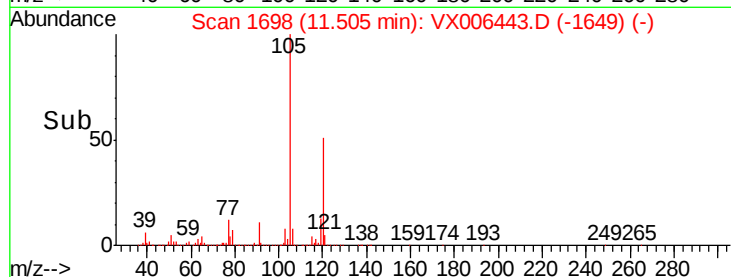
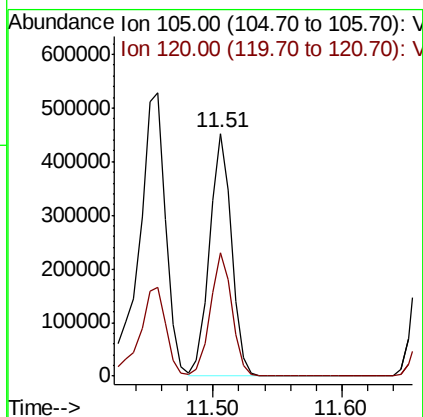
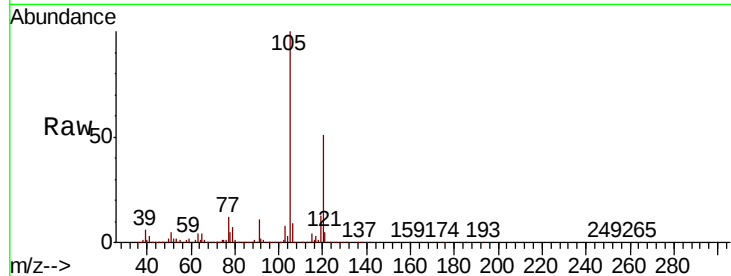




#80
 1,3,5-Trimethylbenzene
 Concen: 17.957 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX006443.D
 Acq: 12 Dec 2018 14:26

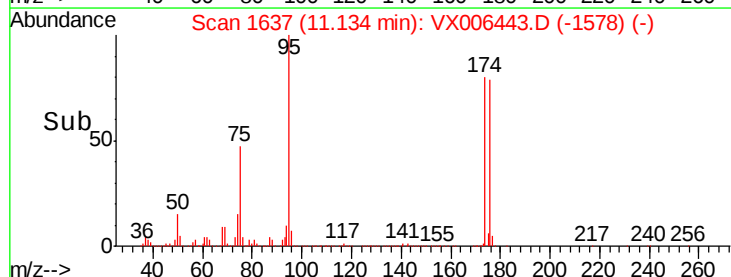
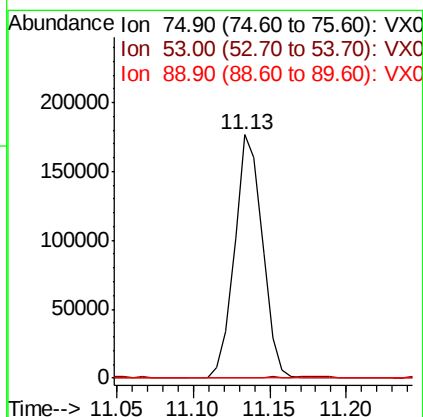
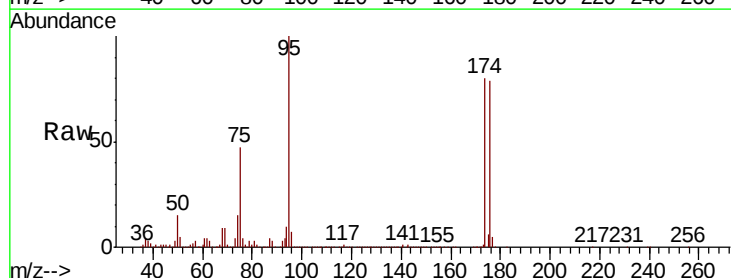
Instrument :
 MSVOA_X
 ClientSampleID :
 GW-121018DL

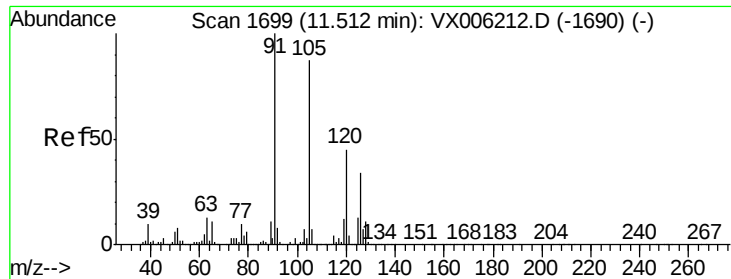
Tot Ion:105 Resp: 539530
 Ion Ratio Lower Upper
 105 100
 120 50.3 25.4 76.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 51.874 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX006443.D
 Acq: 12 Dec 2018 14:26

Tgt Ion: 75 Resp: 223108
 Ion Ratio Lower Upper
 75 100
 53 0.2 64.4 96.6#
 89 0.0 44.2 66.4#





#82

4-Chlorotoluene

Concen: 2.091 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX006443.D

Acq: 12 Dec 2018 14:26

Instrument :

MSVOA_X

ClientSampleId :

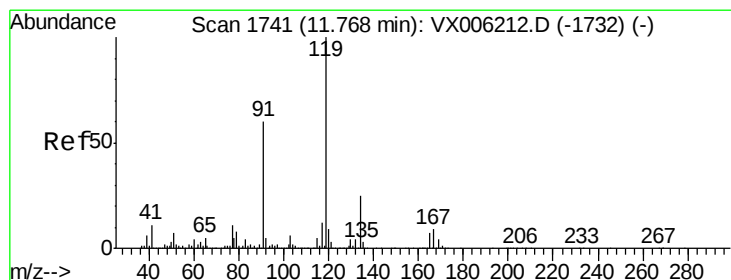
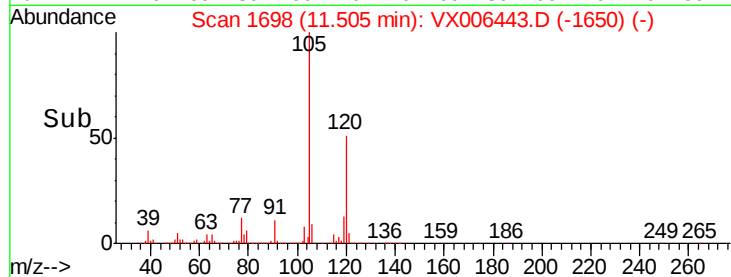
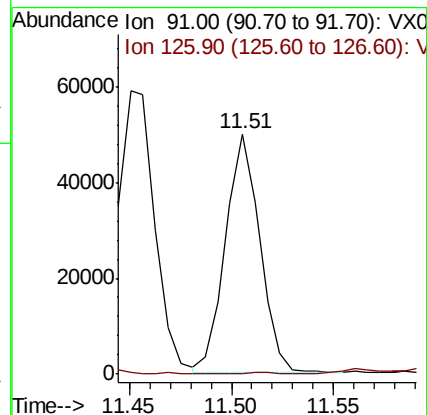
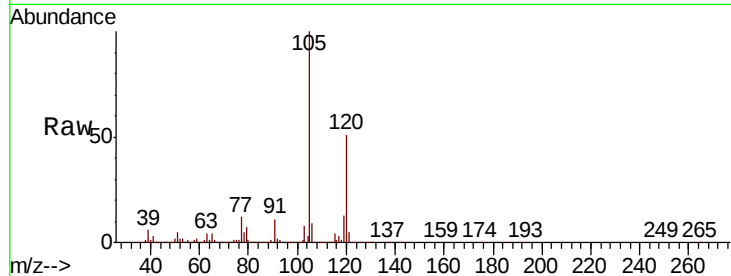
GW-121018DL

Tot Ion: 91 Resp: 58013

Ion Ratio Lower Upper

91 100

126 0.9 16.4 49.4#



#83

tert-Butylbenzene

Concen: 0.401 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX006443.D

Acq: 12 Dec 2018 14:26

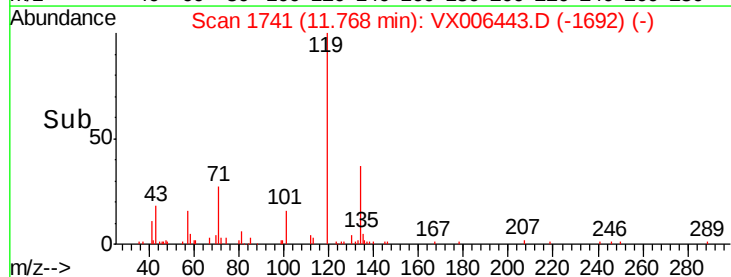
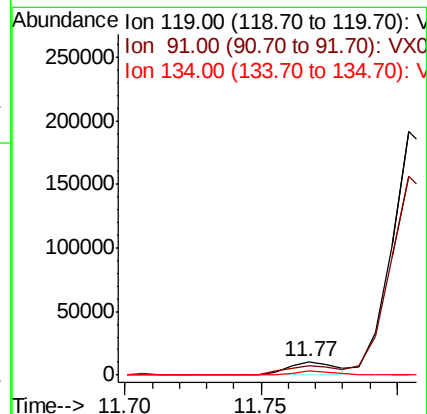
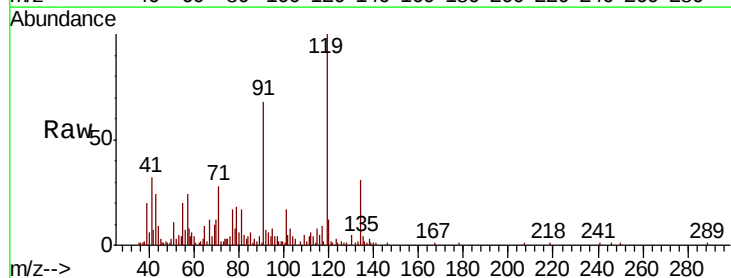
Tgt Ion: 119 Resp: 12871

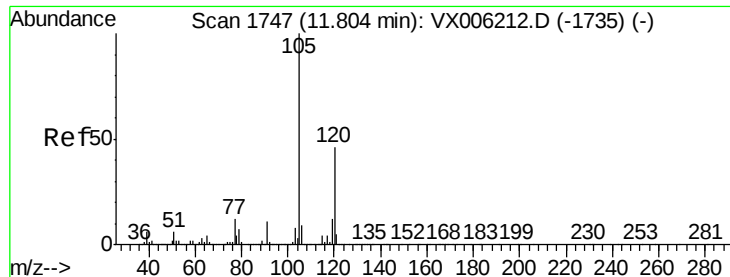
Ion Ratio Lower Upper

119 100

91 69.9 26.4 79.2

134 28.0 11.6 34.7



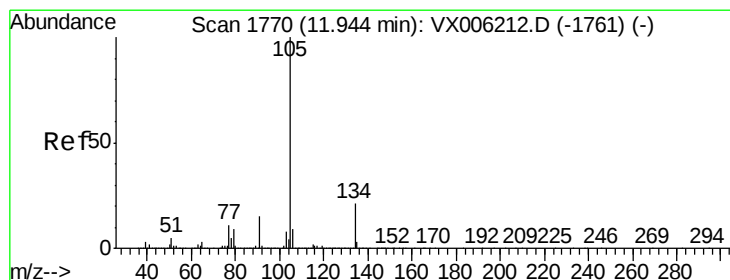
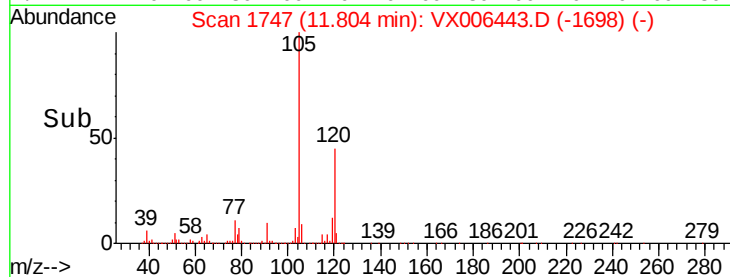
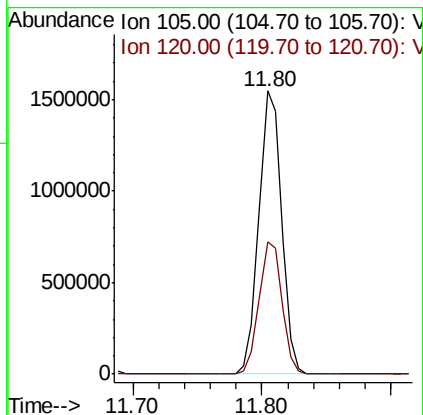
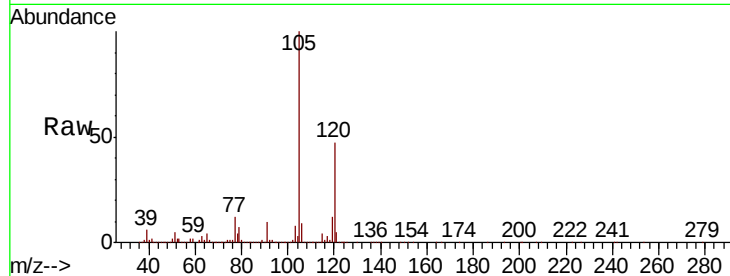


#84

1,2,4-Trimethylbenzene
Concen: 60.341 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX006443.D
Acq: 12 Dec 2018 14:26

Instrument :
MSVOA_X
ClientSampleId :
GW-121018DL

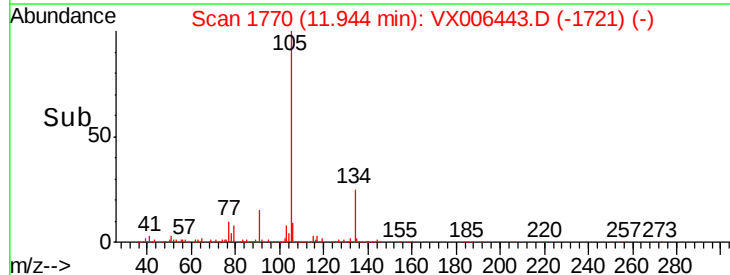
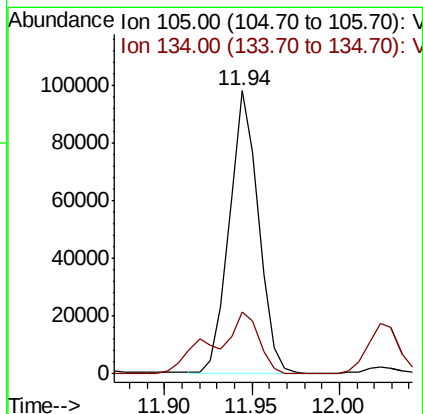
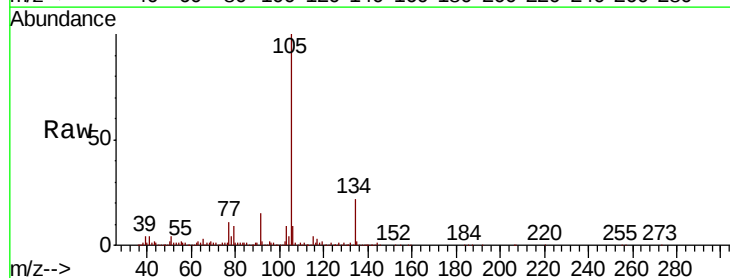
Tot Ion:105 Resp: 1872096
Ion Ratio Lower Upper
105 100
120 47.4 23.4 70.0

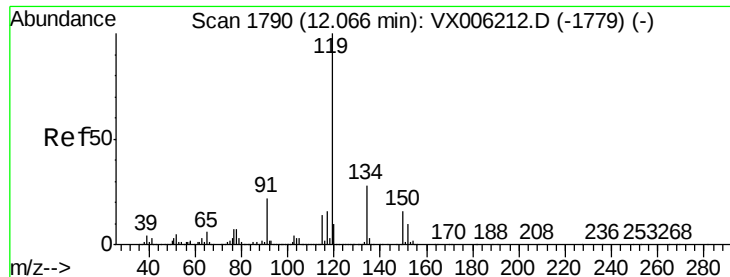


#85

sec-Butylbenzene
Concen: 3.106 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. -0.00 min
Lab File: VX006443.D
Acq: 12 Dec 2018 14:26

Tgt Ion:105 Resp: 113279
Ion Ratio Lower Upper
105 100
134 20.5 10.8 32.4

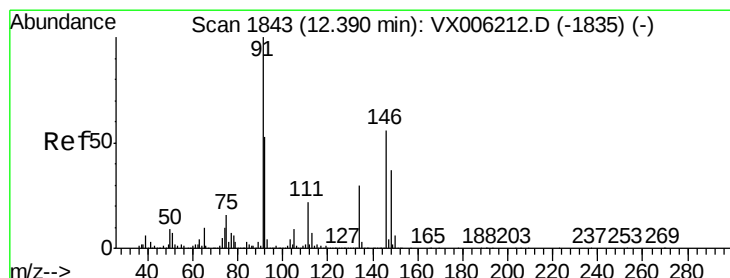
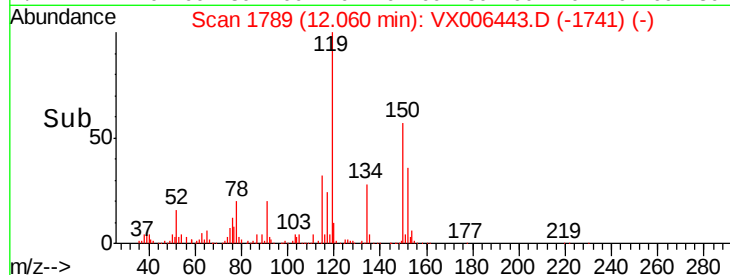
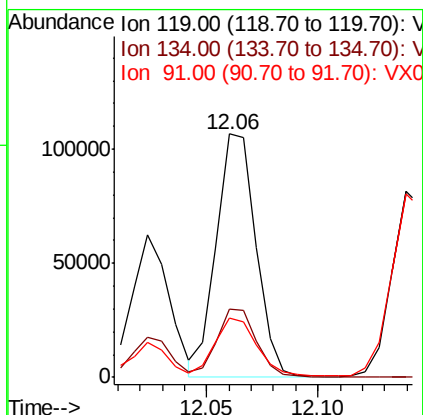
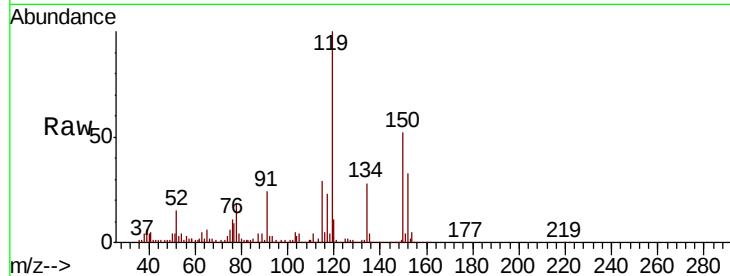




#86
p-Isopropyltoluene
Concen: 4.005 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. -0.01 min
Lab File: VX006443.D
Acq: 12 Dec 2018 14:26

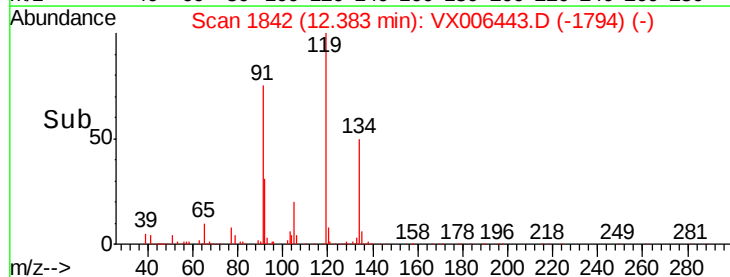
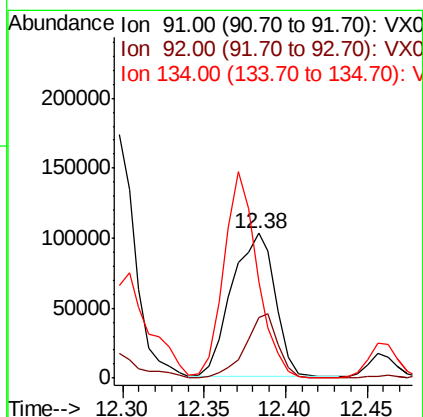
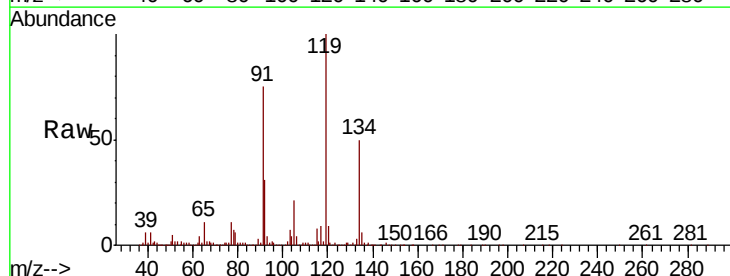
Instrument :
MSVOA_X
ClientSampleId :
GW-121018DL

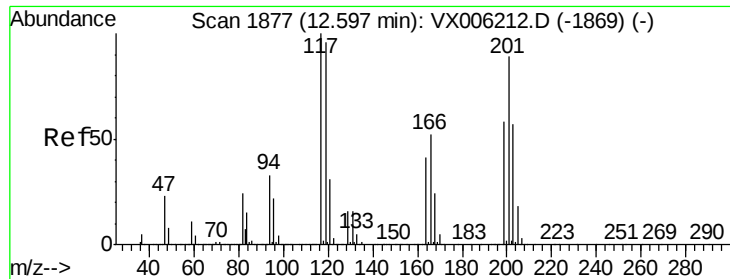
Tot Ion	Ratio	Lower	Upper
119	100		
134	28.1	13.9	41.6
91	25.2	11.3	33.8



#89
n-Butylbenzene
Concen: 6.721 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.01 min
Lab File: VX006443.D
Acq: 12 Dec 2018 14:26

Tgt Ion	Ratio	Lower	Upper
91	100		
92	33.5	26.6	79.8
134	111.8	14.8	44.3#





#90

Hexachloroethane

Concen: 4.404 ug/l

RT: 12.58 min Scan# 1875

Delta R.T. -0.01 min

Lab File: VX006443.D

Acq: 12 Dec 2018 14:26

Instrument :

MSVOA_X

ClientSampleID :

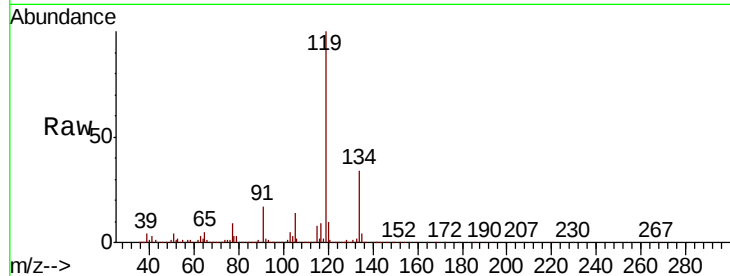
GW-121018DL

Tot Ion:117 Resp: 29478

Ion Ratio Lower Upper

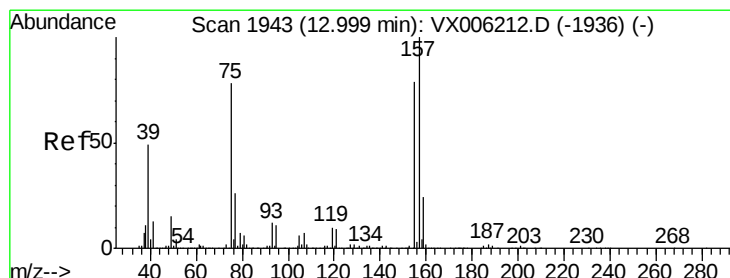
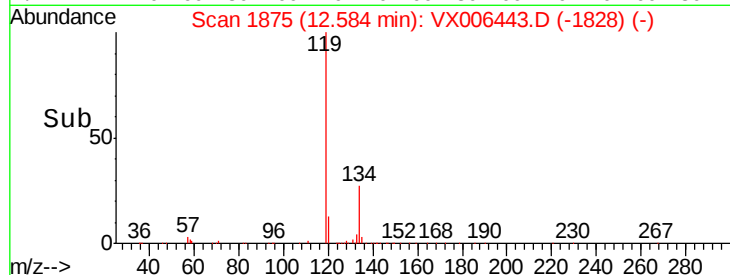
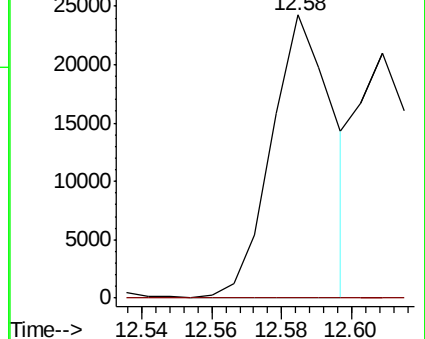
117 100

201 0.0 44.7 134.1#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.913 ug/l

RT: 13.02 min Scan# 1946

Delta R.T. 0.02 min

Lab File: VX006443.D

Acq: 12 Dec 2018 14:26

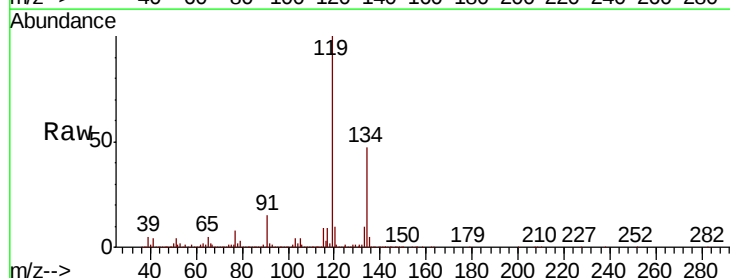
Tgt Ion: 75 Resp: 2705

Ion Ratio Lower Upper

75 100

155 3.4 53.4 160.3#

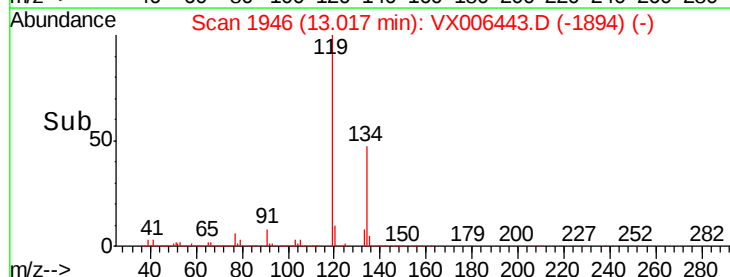
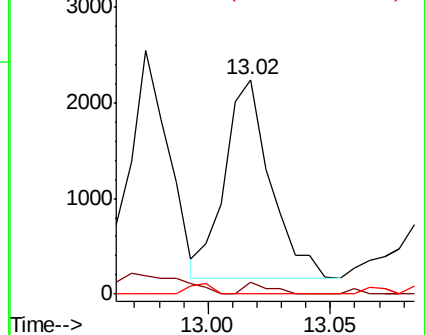
157 2.6 68.0 203.8#

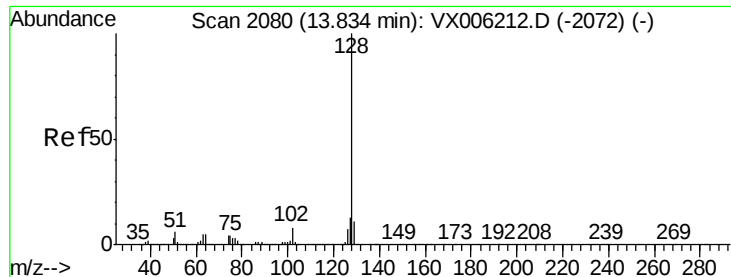


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95
Naphthalene
Concen: 41.222 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX006443.D
Acq: 12 Dec 2018 14:26

Instrument :
MSVOA_X
ClientSampleId :
GW-121018DL

Tot Ion:128 Resp: 1655619
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 11.5 8.9 13.3

