

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060518\
 Data File : VX002329.D
 Acq On : 06 Jun 2018 02:37
 Operator : JC/MD
 Sample : J3308-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GMW-03

Quant Time: Jun 06 04:39:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	220708	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	326725	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	297935	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	164395	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	159893	50.71	ug/l	0.00
Spiked Amount			Recovery	=	101.42%	
35) Dibromofluoromethane	5.51	113	115322	44.88	ug/l	0.00
Spiked Amount			Recovery	=	89.76%	
50) Toluene-d8	8.72	98	466009	47.32	ug/l	0.00
Spiked Amount			Recovery	=	94.64%	
62) 4-Bromofluorobenzene	11.14	95	160768	42.33	ug/l	0.00
Spiked Amount			Recovery	=	84.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.34	50	2623	Below Cal	#	55
5) Bromomethane	1.66	94	1201	Below Cal	#	73
6) Chloroethane	1.89	64	1649	0.88	ug/l	51
8) Diethyl Ether	2.28	74	67	Below Cal		63
10) Methyl Iodide	2.53	142	1195	0.36	ug/l	78
11) Tert butyl alcohol	3.08	59	1261	Below Cal	#	73
13) Acrolein	2.29	56	110	Below Cal	#	14
15) Acrylonitrile	3.17	53	425	Below Cal	#	49
16) Acetone	2.45	43	3362	Below Cal		100
17) Carbon Disulfide	2.57	76	1938	0.31	ug/l	80
18) Methyl Acetate	2.76	43	322	Below Cal	#	75
19) Methyl tert-butyl Ether	3.21	73	1402	Below Cal	#	27
20) Methylene Chloride	2.86	84	324	Below Cal	#	50
22) Diisopropyl ether	3.90	45	150	Below Cal	#	10
25) 2-Butanone	4.71	43	855	0.40	ug/l	99
28) Bromochloromethane	5.09	49	40	Below Cal	#	68
31) Cyclohexane	5.59	56	2745	0.69	ug/l	93
36) 1,1-Dichloropropene	5.67	75	15839	4.61	ug/l	52
38) Carbon Tetrachloride	5.67	117	20808	5.79	ug/l	15
39) Methylcyclohexane	7.47	83	3274	1.03	ug/l	90
40) Benzene	6.14	78	2319	0.22	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	1876	0.43	ug/l	91
55) 1,1,2-Trichloroethane	9.16	97	601	0.22	ug/l	14
67) Ethyl Benzene	10.26	91	9849	0.79	ug/l	99
68) m/p-Xylenes	10.36	106	1692	0.35	ug/l	94
69) o-Xylene	10.70	106	3056	0.64	ug/l	90
73) Isopropylbenzene	11.02	105	3575	0.31	ug/l	97
76) 1,2,3-Trichloropropane	11.14	75	86390	23.95	ug/l	33
78) n-propylbenzene	11.37	91	6275	0.49	ug/l	95
80) 1,3,5-Trimethylbenzene	11.44	105	2620	0.27	ug/l	75
81) trans-1,4-Dichloro-2-buten	11.14	75	86390	83.95	ug/l	7
84) 1,2,4-Trimethylbenzene	11.81	105	3490	0.35	ug/l	97
90) Hexachloroethane	12.71	117	2265	1.39	ug/l	1

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Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration

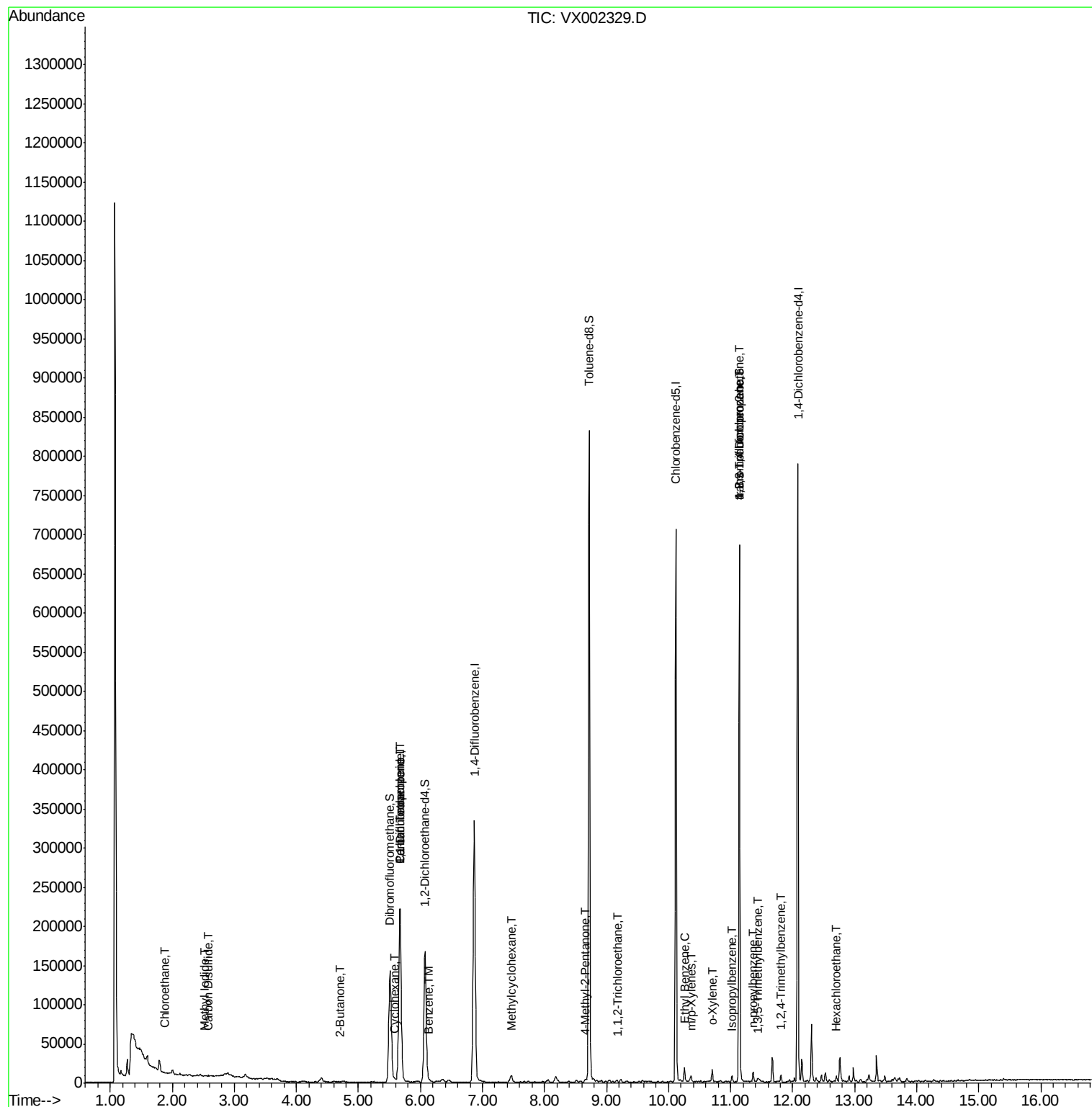
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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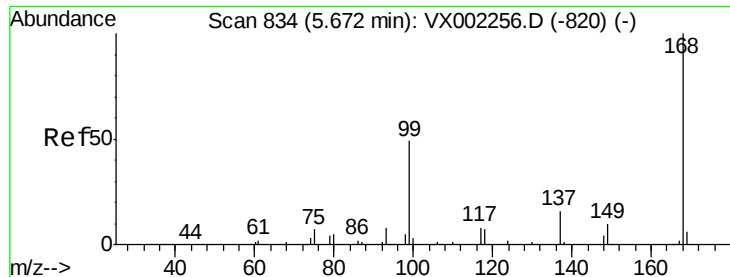
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002329.D

Acq: 06 Jun 2018 02:37

Instrument :

MSVOA_X

ClientSampled :

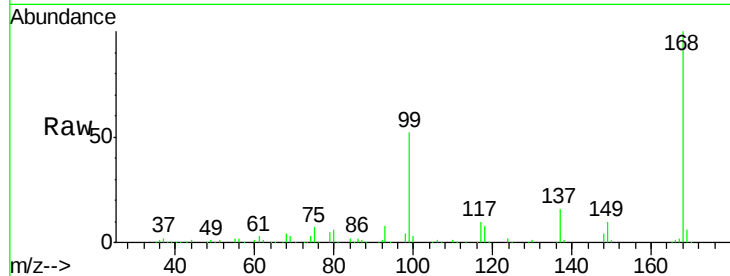
GMW-03

Tot Ion:168 Resp: 220708

Ion Ratio Lower Upper

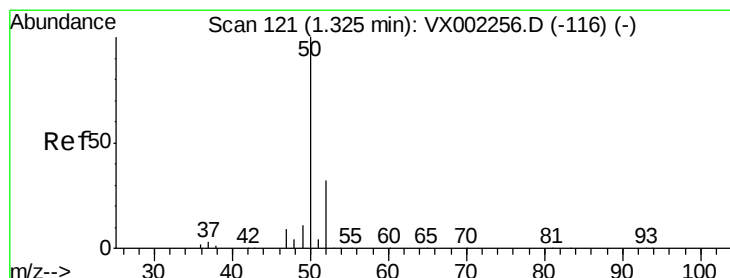
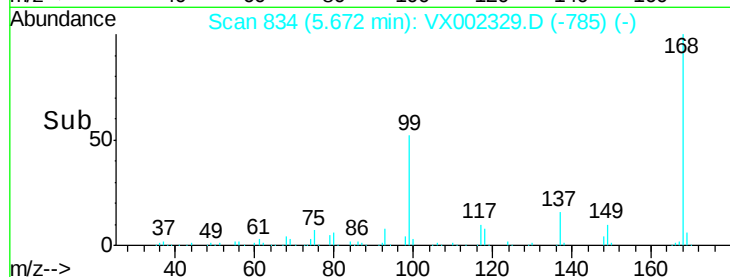
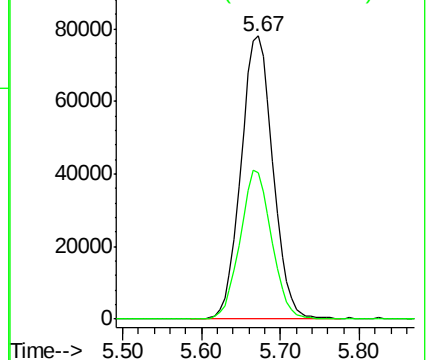
168 100

99 51.8 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: Below Cal

RT: 1.34 min Scan# 124

Delta R.T. 0.02 min

Lab File: VX002329.D

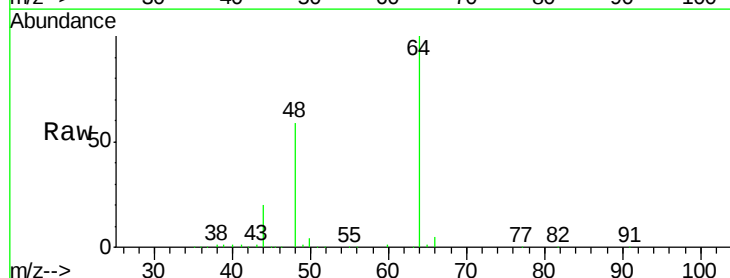
Acq: 06 Jun 2018 02:37

Tgt Ion: 50 Resp: 2623

Ion Ratio Lower Upper

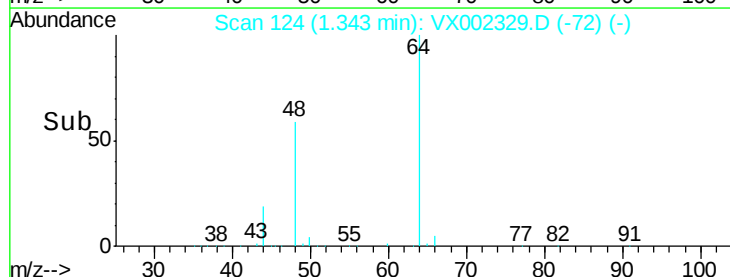
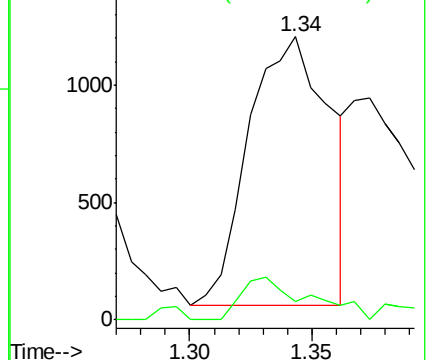
50 100

52 6.8 25.7 38.5#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#5

Bromomethane

Concen: Below Cal

RT: 1.66 min Scan# 176

Delta R.T. 0.03 min

Lab File: VX002329.D

Acq: 06 Jun 2018 02:37

Instrument :

MSVOA_X

ClientSampled :

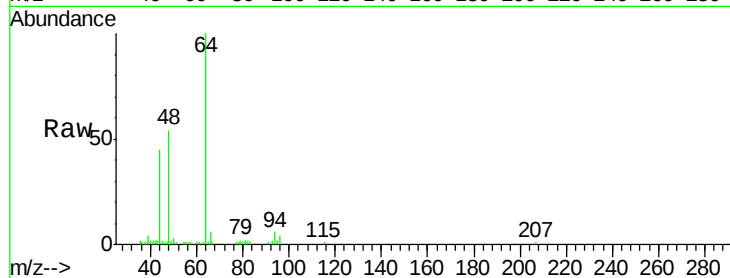
GMW-03

Tot Ion: 94 Resp: 1201

Ion Ratio Lower Upper

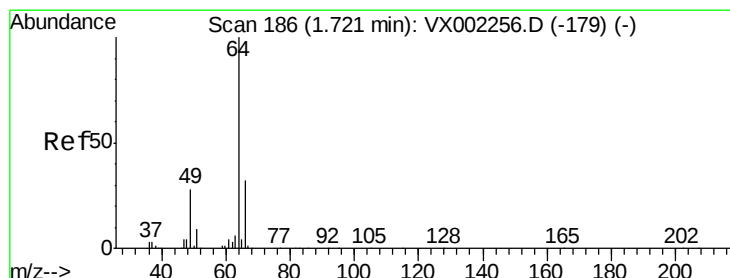
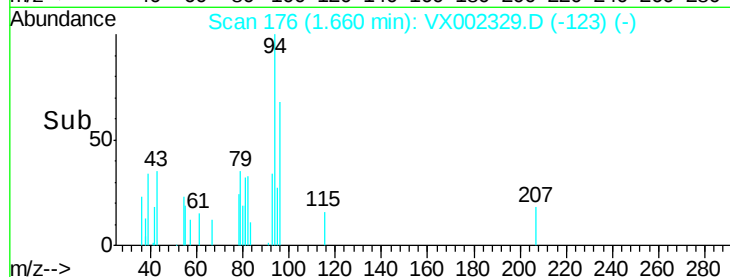
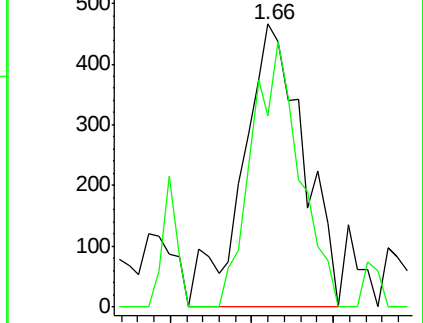
94 100

96 67.6 74.9 112.3#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 0.88 ug/l

RT: 1.89 min Scan# 213

Delta R.T. 0.16 min

Lab File: VX002329.D

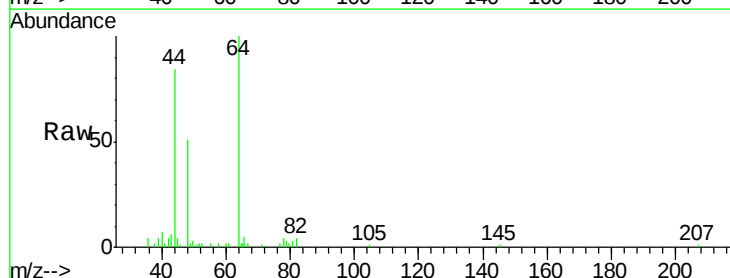
Acq: 06 Jun 2018 02:37

Tgt Ion: 64 Resp: 1649

Ion Ratio Lower Upper

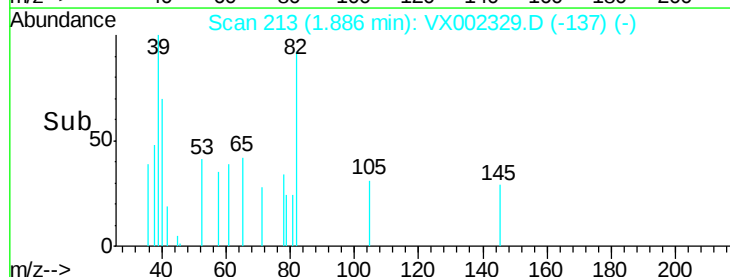
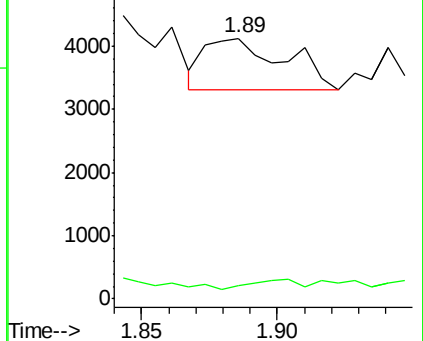
64 100

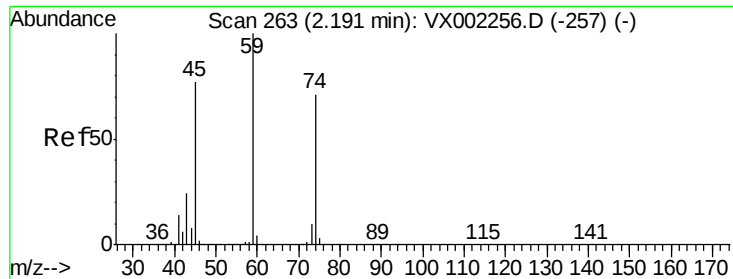
66 4.5 25.5 38.3#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#8

Diethyl Ether

Concen: Below Cal

RT: 2.28 min Scan# 278

Delta R.T. 0.09 min

Lab File: VX002329.D

Acq: 06 Jun 2018 02:37

Instrument :

MSVOA_X

ClientSampleId :

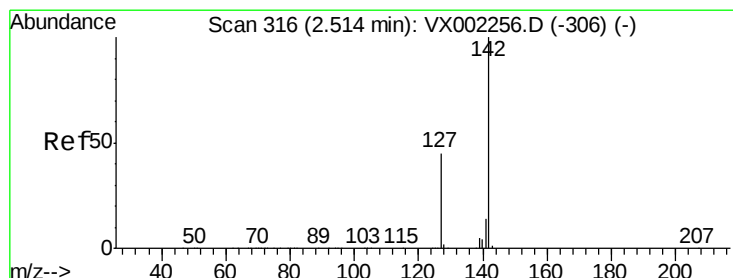
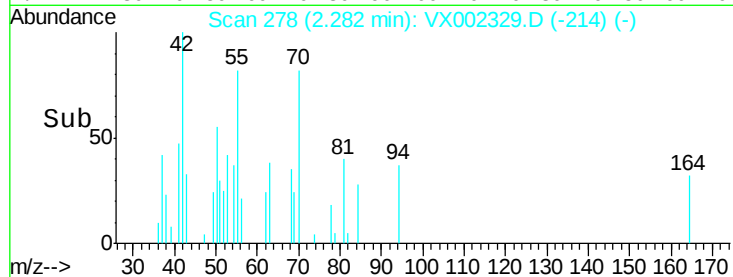
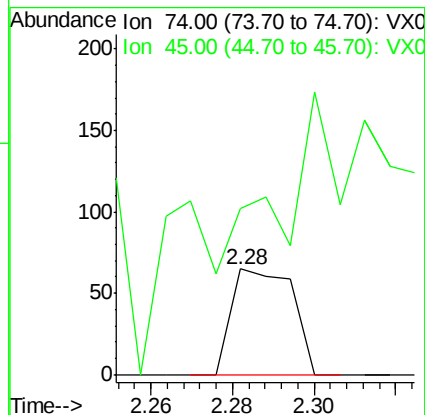
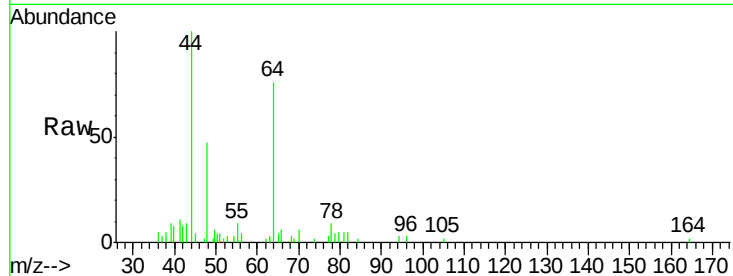
GMW-03

Tot Ion: 74 Resp: 67

Ion Ratio Lower Upper

74 100

45 144.8 53.1 159.4



#10

Methyl Iodide

Concen: 0.36 ug/l

RT: 2.53 min Scan# 318

Delta R.T. 0.01 min

Lab File: VX002329.D

Acq: 06 Jun 2018 02:37

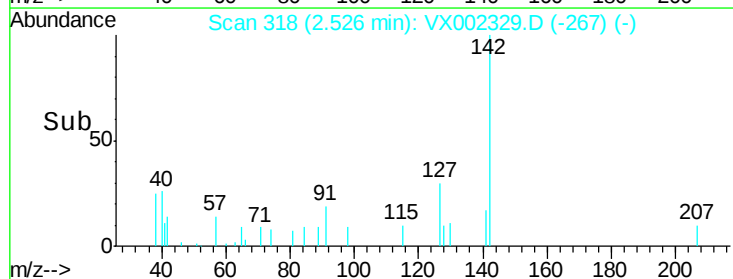
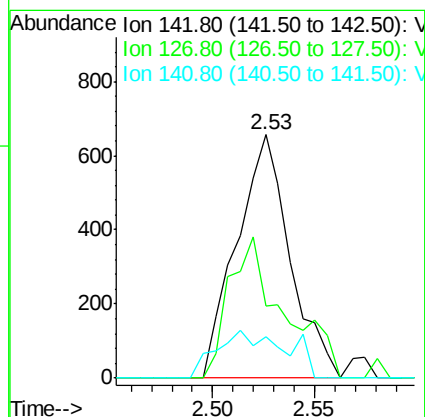
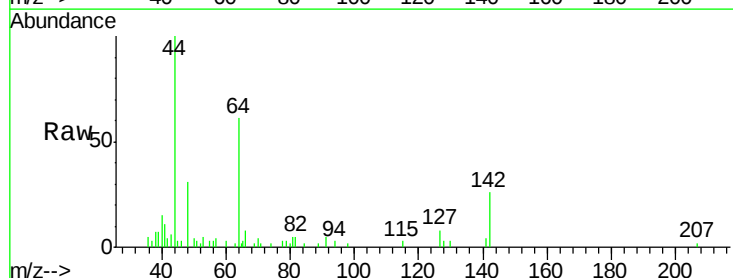
Tgt Ion:142 Resp: 1195

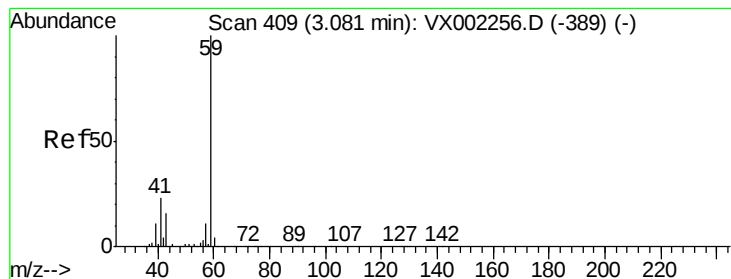
Ion Ratio Lower Upper

142 100

127 59.6 36.6 55.0#

141 25.0 11.3 16.9#



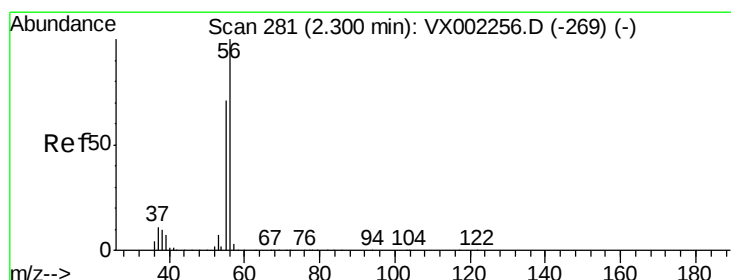
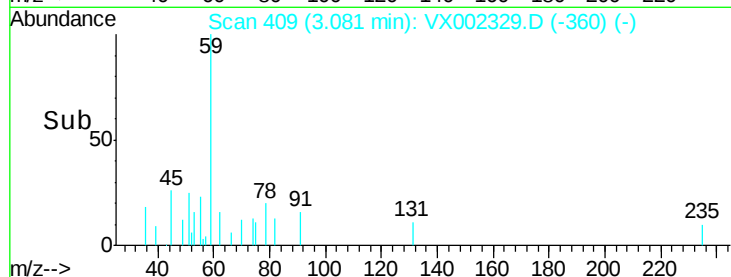
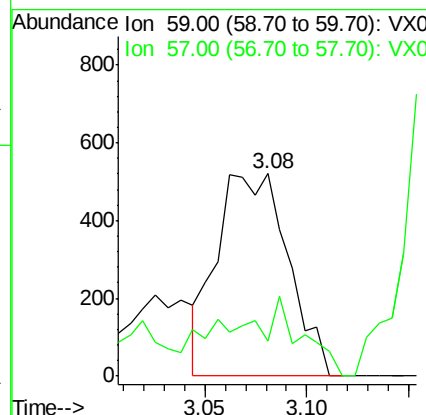
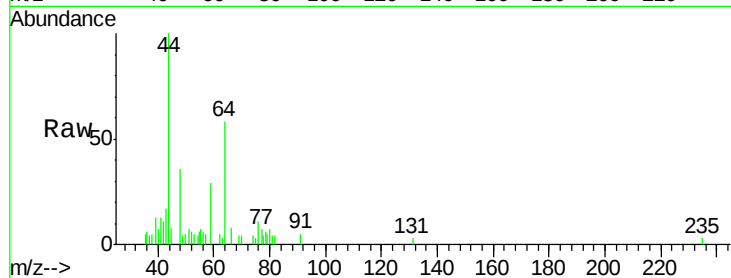


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 3.08 min Scan# 409
 Delta R.T. 0.00 min
 Lab File: VX002329.D
 Acq: 06 Jun 2018 02:37

Instrument :
 MSVOA_X
 ClientSampleId :
 GMW-03

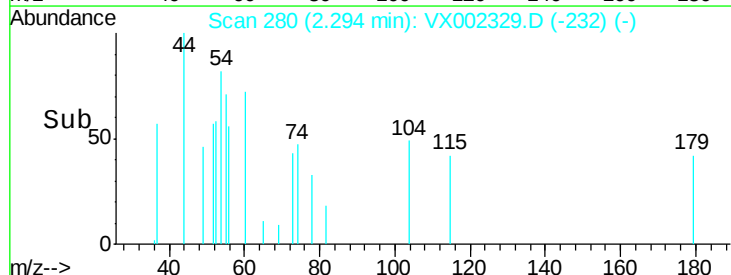
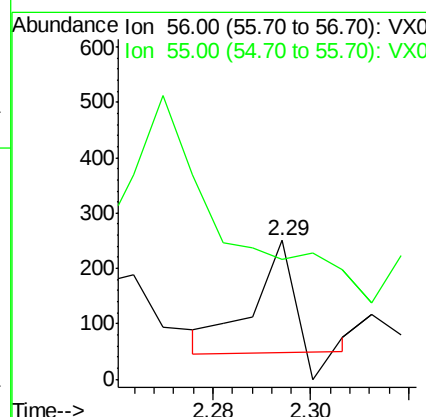
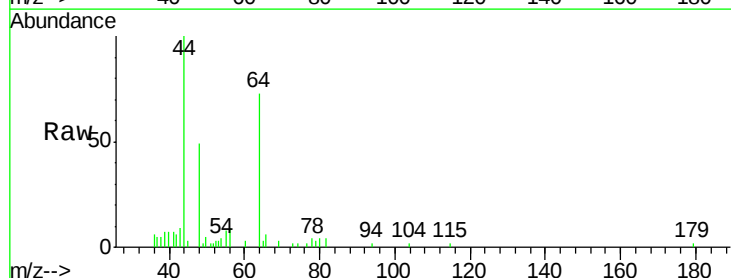
Tot Ion: 59 Resp: 1261
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.2 12.2#

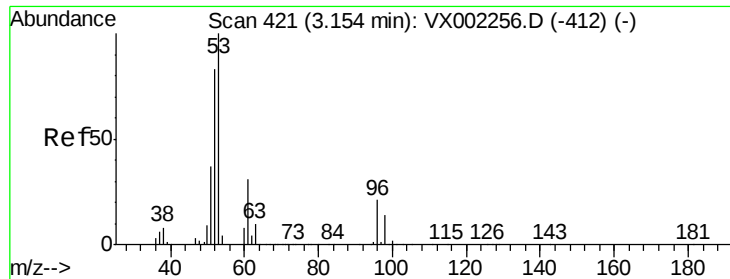


#13

Acrolein
 Concen: Below Cal
 RT: 2.29 min Scan# 280
 Delta R.T. -0.01 min
 Lab File: VX002329.D
 Acq: 06 Jun 2018 02:37

Tgt Ion: 56 Resp: 110
 Ion Ratio Lower Upper
 56 100
 55 0.0 57.0 85.4#





#15

Acrylonitrile

Concen: Below Cal

RT: 3.17 min Scan# 423

Delta R.T. 0.01 min

Lab File: VX002329.D

Acq: 06 Jun 2018 02:37

Instrument :

MSVOA_X

ClientSampled :

GMW-03

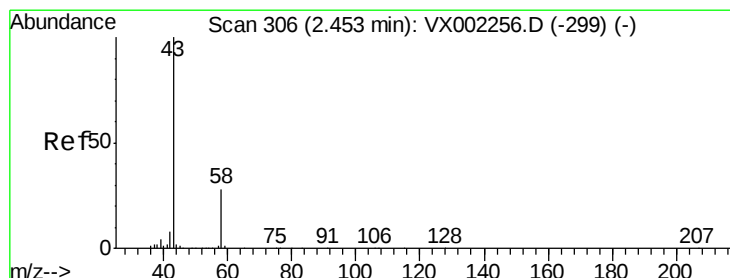
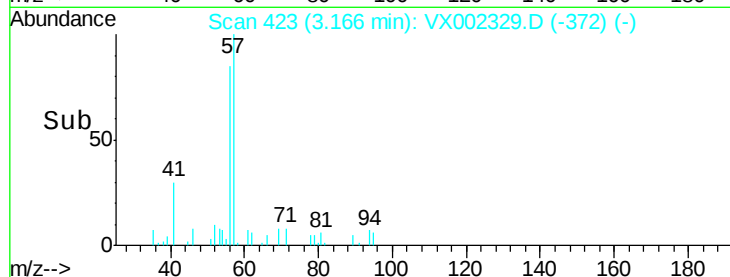
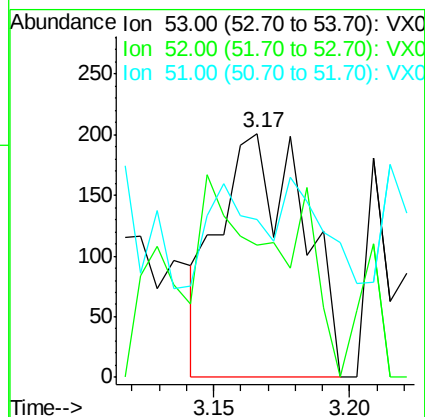
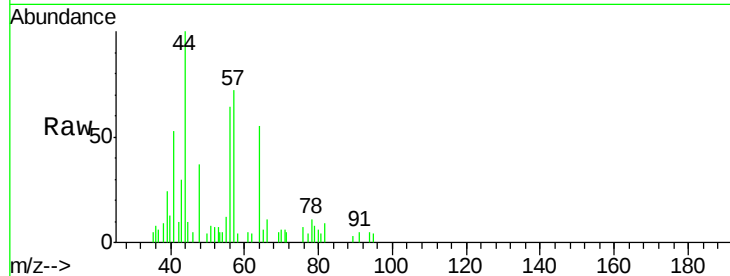
Tot Ion: 53 Resp: 425

Ion Ratio Lower Upper

53 100

52 24.2 66.7 100.1#

51 26.4 29.9 44.9#



#16

Acetone

Concen: Below Cal

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002329.D

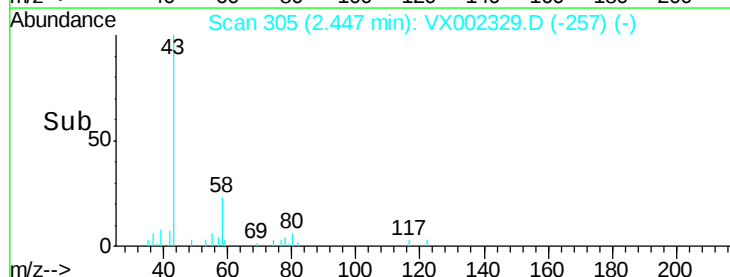
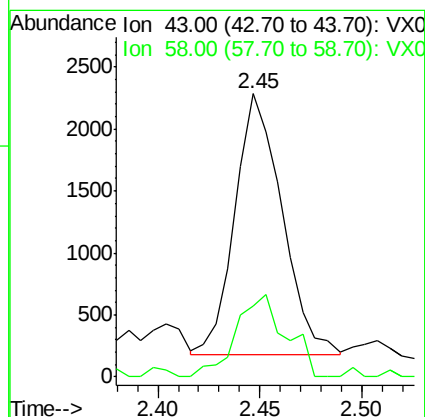
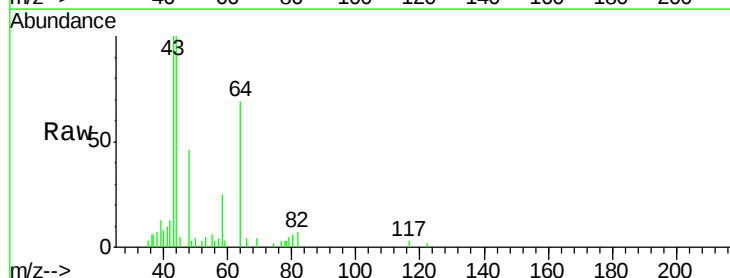
Acq: 06 Jun 2018 02:37

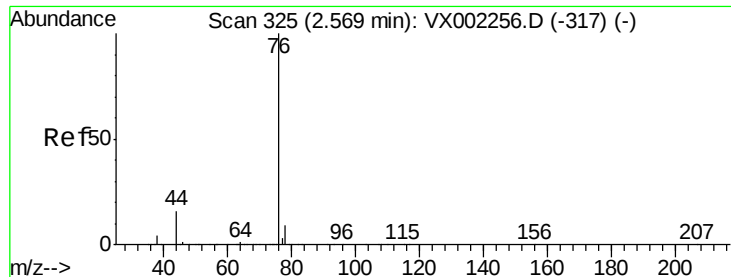
Tgt Ion: 43 Resp: 3362

Ion Ratio Lower Upper

43 100

58 27.5 22.1 33.1

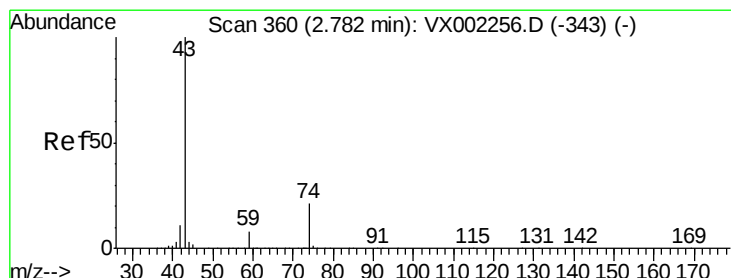
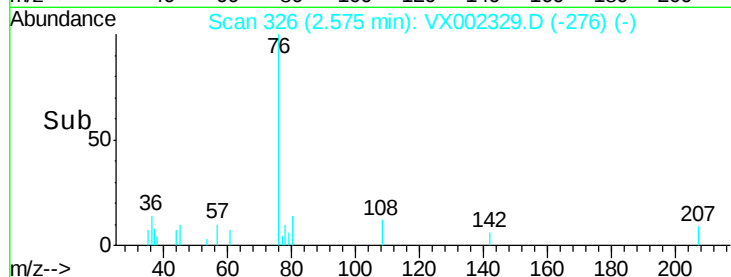
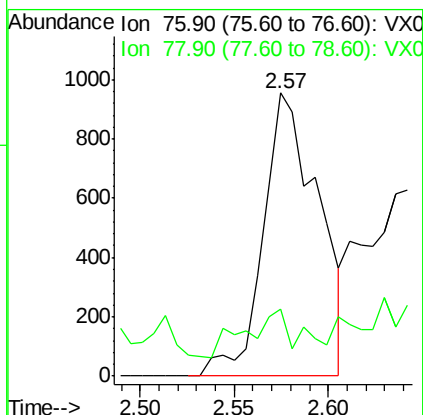
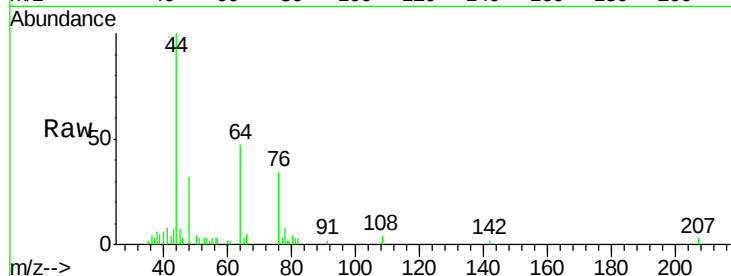




#17
Carbon Disulfide
Concen: 0.31 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.01 min
Lab File: VX002329.D
Acq: 06 Jun 2018 02:37

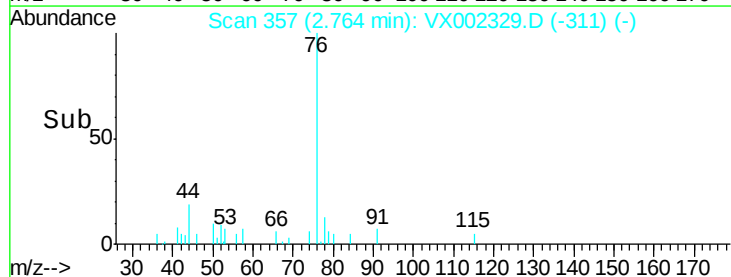
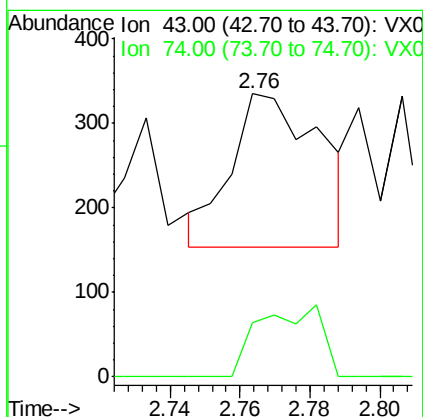
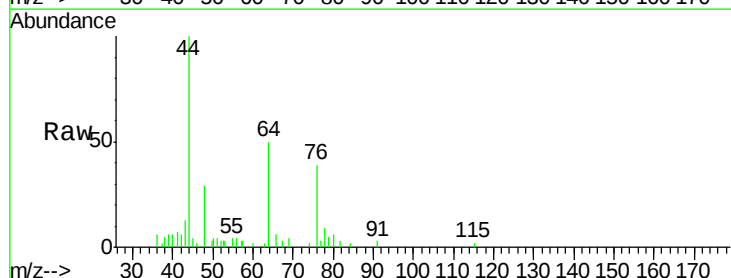
Instrument :
MSVOA_X
ClientSampled :
GMW-03

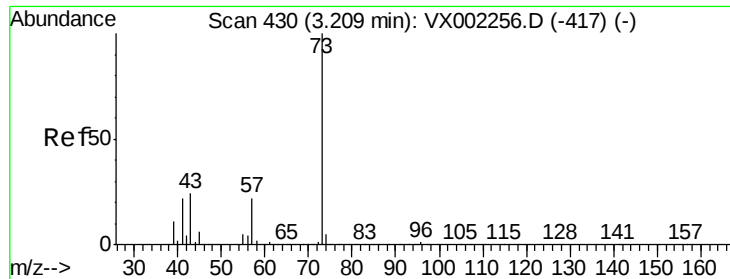
Tot Ion: 76 Resp: 1938
Ion Ratio Lower Upper
76 100
78 15.9 6.9 10.3#



#18
Methyl Acetate
Concen: Below Cal
RT: 2.76 min Scan# 357
Delta R.T. -0.02 min
Lab File: VX002329.D
Acq: 06 Jun 2018 02:37

Tgt Ion: 43 Resp: 322
Ion Ratio Lower Upper
43 100
74 32.6 16.7 25.1#



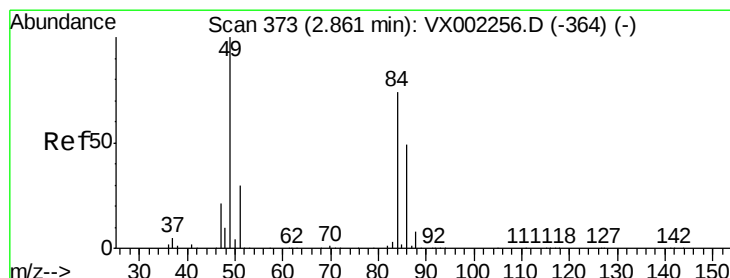
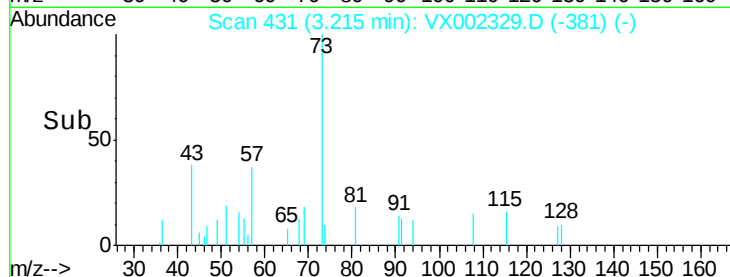
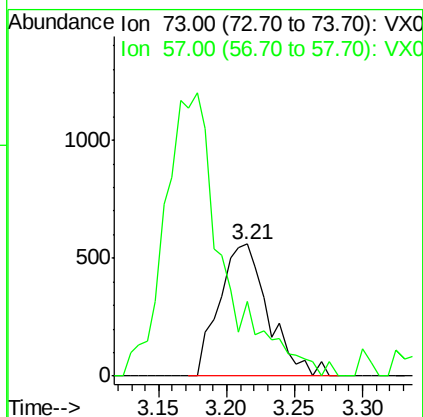
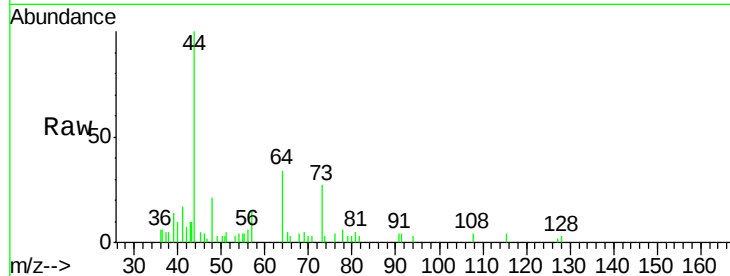


#19

Methyl tert-butyl Ether
Concen: Below Cal
RT: 3.21 min Scan# 431
Delta R.T. 0.01 min
Lab File: VX002329.D
Acq: 06 Jun 2018 02:37

Instrument :
MSVOA_X
ClientSampled :
GMW-03

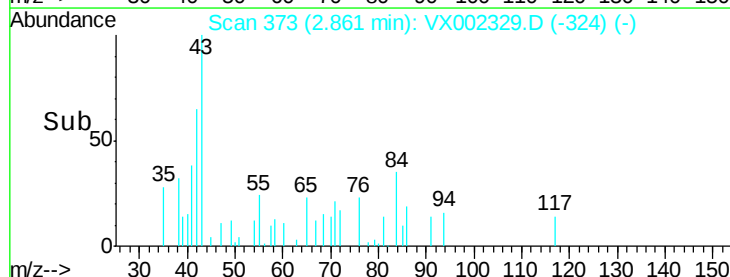
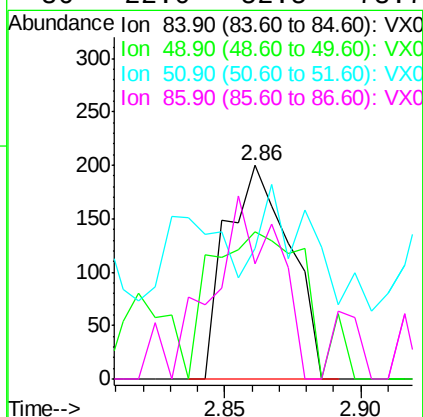
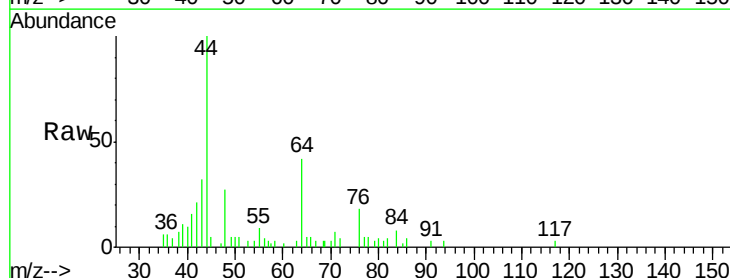
Tot Ion: 73 Resp: 1402
Ion Ratio Lower Upper
73 100
57 56.9 17.7 26.5#

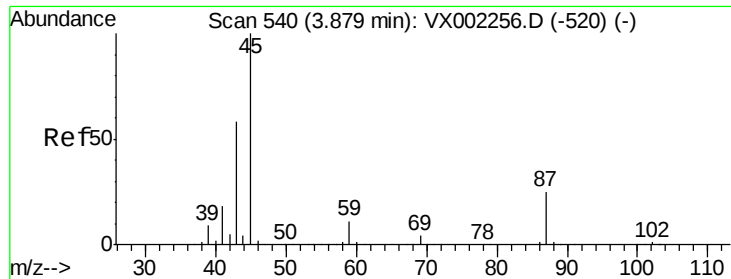


#20

Methylene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002329.D
Acq: 06 Jun 2018 02:37

Tgt Ion: 84 Resp: 324
Ion Ratio Lower Upper
84 100
49 69.0 107.8 161.6#
51 26.0 32.8 49.2#
86 22.0 52.5 78.7#

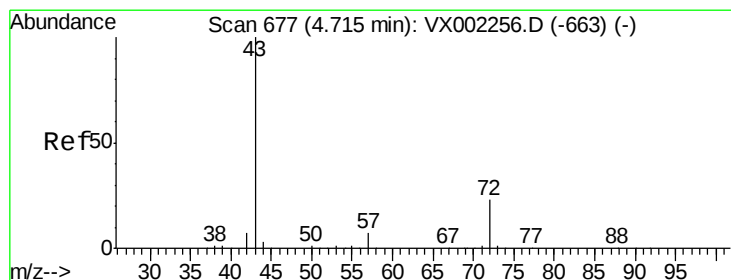
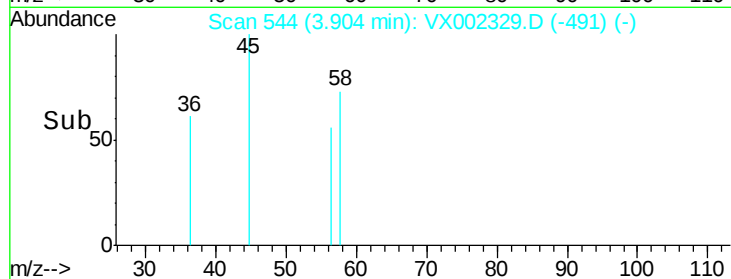
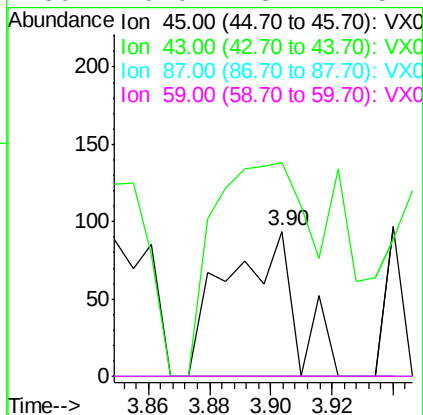
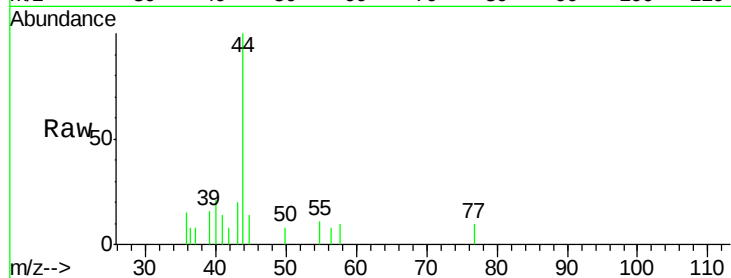




#22
Diisopropyl ether
Concen: Below Cal
RT: 3.90 min Scan# 544
Delta R.T. 0.02 min
Lab File: VX002329.D
Acq: 06 Jun 2018 02:37

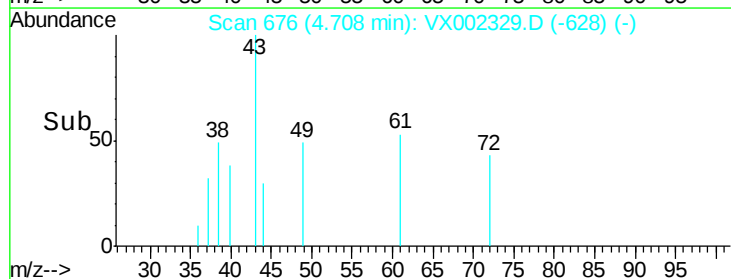
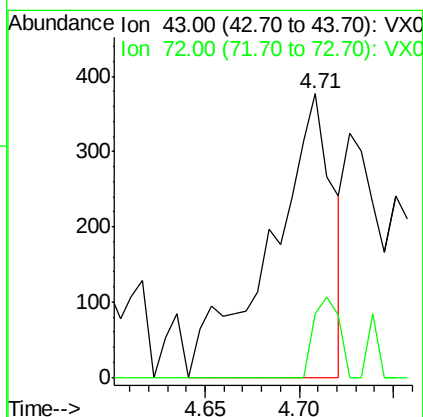
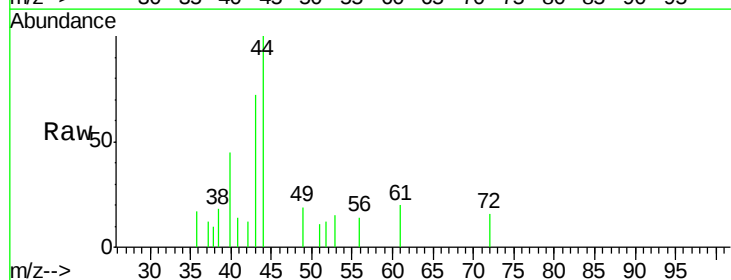
Instrument :
MSVOA_X
ClientSampled :
GMW-03

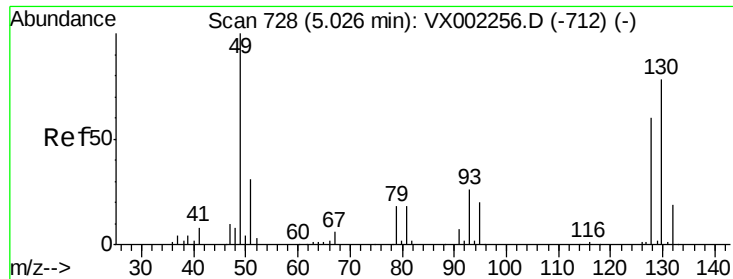
Tot Ion:	45	Resp:	150
Ion	Ratio	Lower	Upper
45	100		
43	146.8	46.8	70.2#
87	0.0	20.2	30.4#
59	0.0	8.7	13.1#



#25
2-Butanone
Concen: 0.40 ug/l
RT: 4.71 min Scan# 676
Delta R.T. -0.01 min
Lab File: VX002329.D
Acq: 06 Jun 2018 02:37

Tgt Ion:	43	Resp:	855
Ion	Ratio	Lower	Upper
43	100		
72	22.5	18.5	27.7





#28

Bromochloromethane

Concen: Below Cal

RT: 5.09 min Scan# 739

Delta R.T. 0.07 min

Lab File: VX002329.D

Acq: 06 Jun 2018 02:37

Instrument :

MSVOA_X

ClientSampleId :

GMW-03

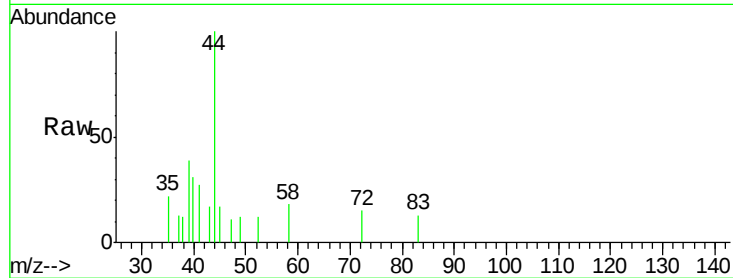
Tot Ion: 49 Resp: 40

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.2

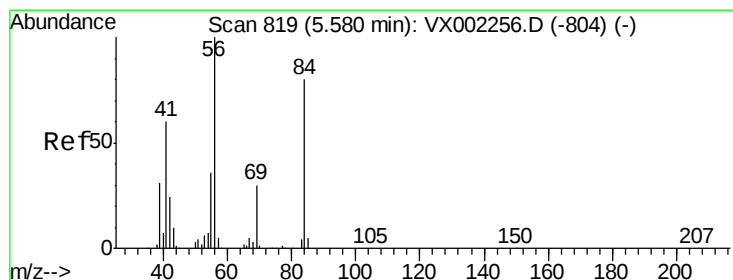
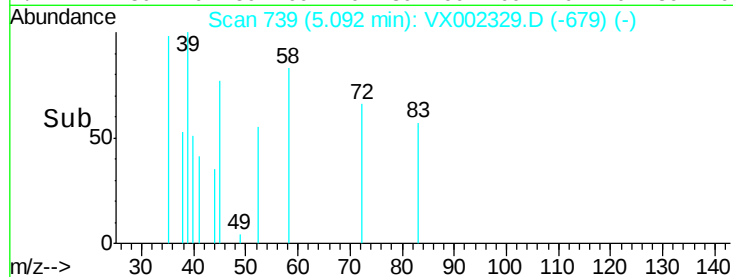
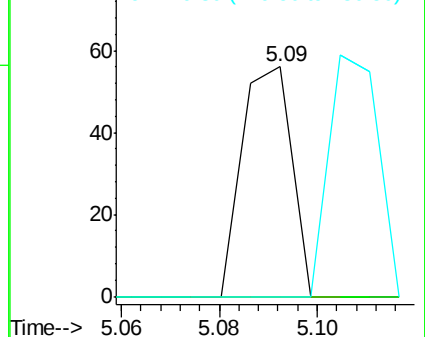
130 105.0 61.2 91.8#



Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



#31

Cyclohexane

Concen: 0.69 ug/l

RT: 5.59 min Scan# 820

Delta R.T. 0.01 min

Lab File: VX002329.D

Acq: 06 Jun 2018 02:37

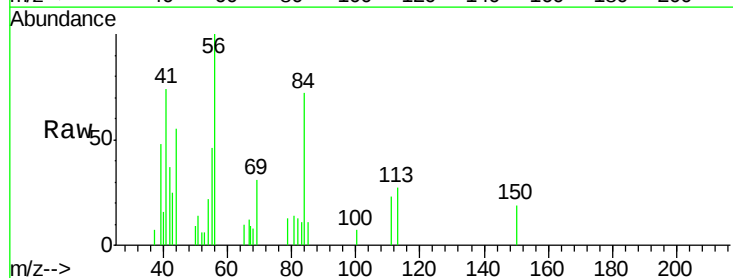
Tgt Ion: 56 Resp: 2745

Ion Ratio Lower Upper

56 100

69 30.9 23.7 35.5

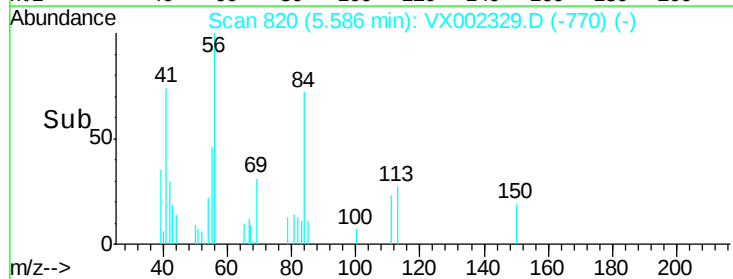
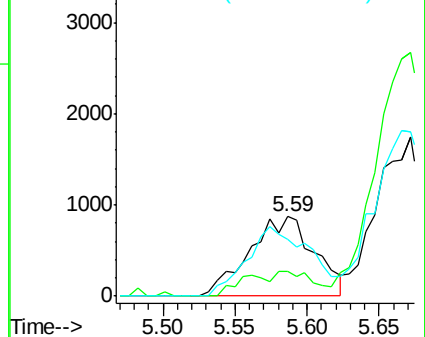
84 71.9 64.1 96.1

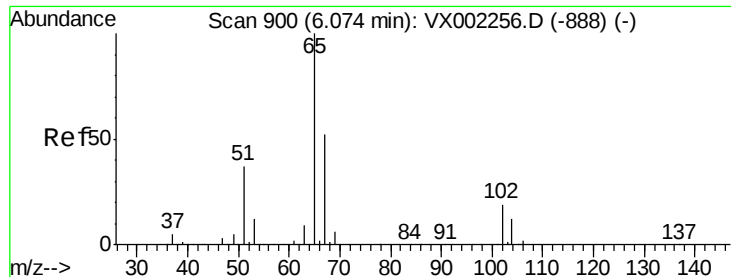


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

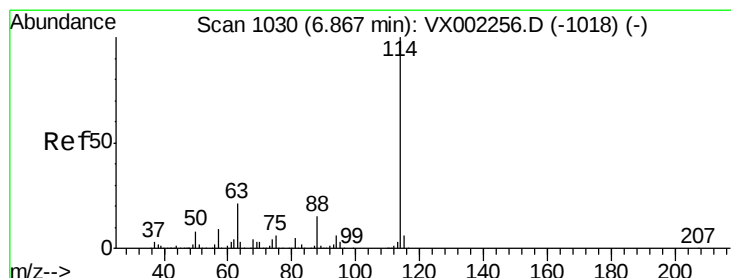
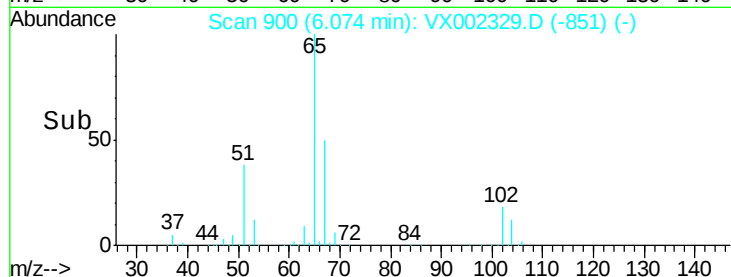
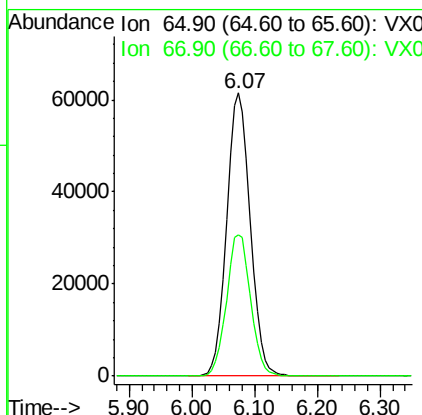
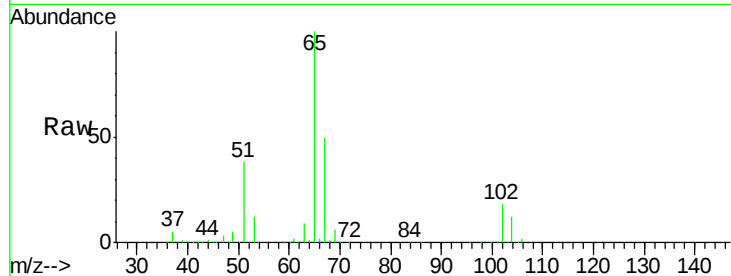




#33
 1,2-Dichloroethane-d4
 Concen: 50.71 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX002329.D
 Acq: 06 Jun 2018 02:37

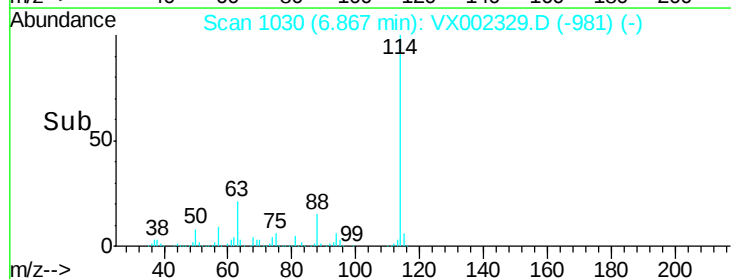
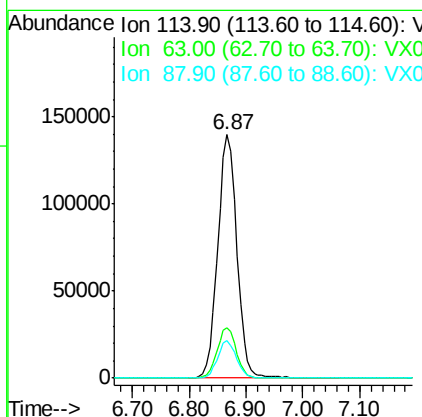
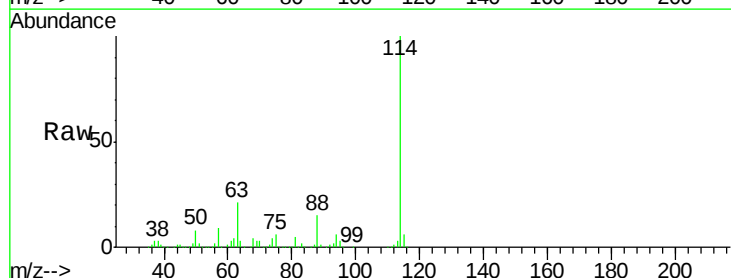
Instrument :
 MSVOA_X
 ClientSampleId :
 GMW-03

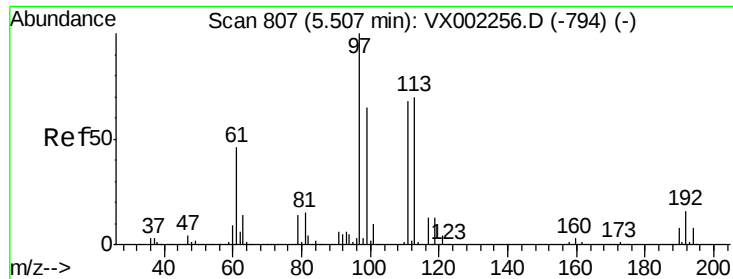
Tot Ion: 65 Resp: 159893
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002329.D
 Acq: 06 Jun 2018 02:37

Tgt Ion: 114 Resp: 326725
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 41.4
 88 15.5 0.0 30.0

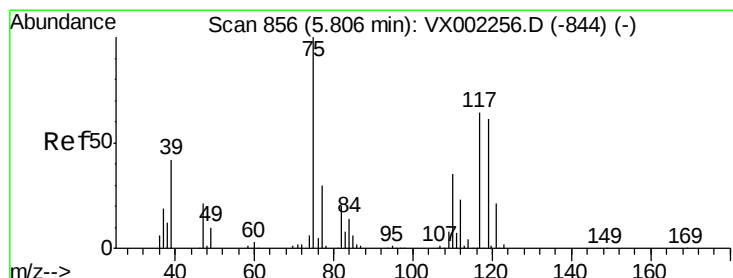
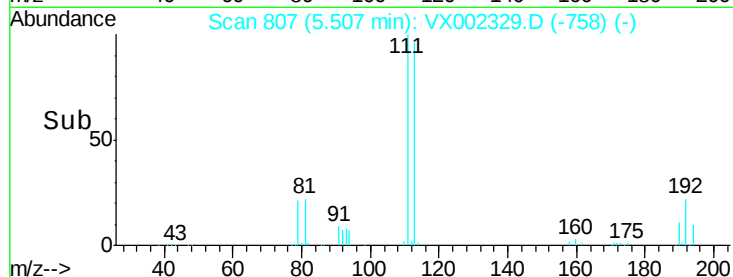
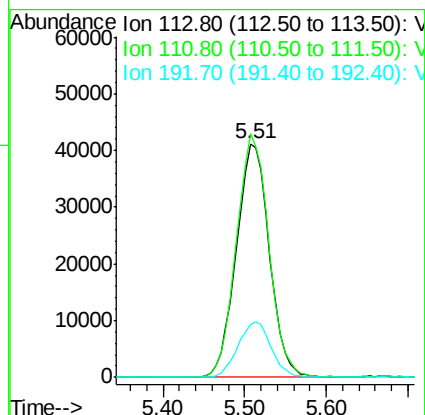
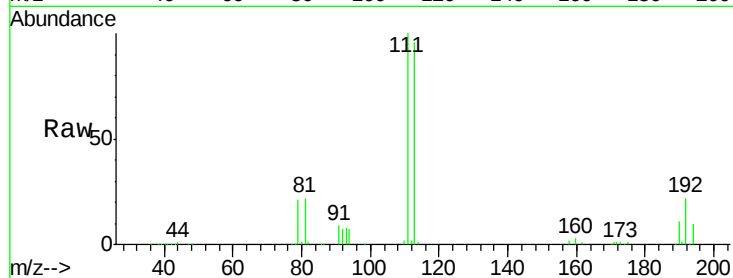




#35
 Dibromofluoromethane
 Concen: 44.88 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX002329.D
 Acq: 06 Jun 2018 02:37

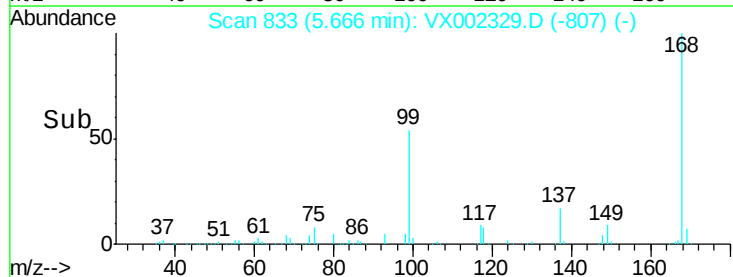
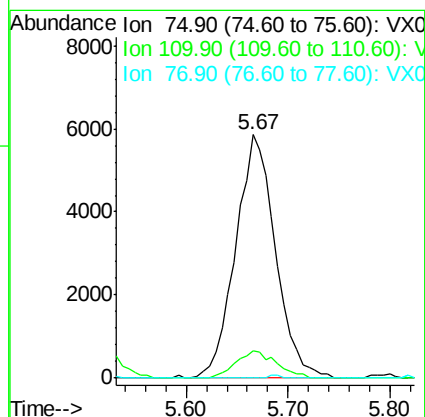
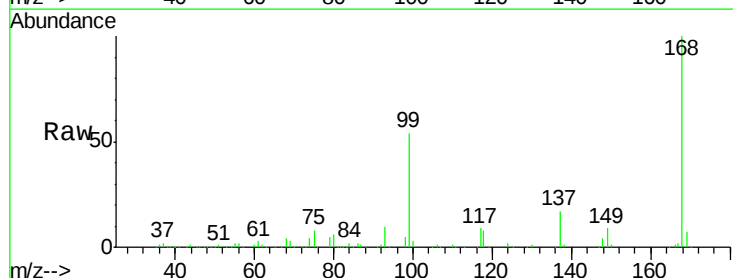
Instrument :
 MSVOA_X
 ClientSampled :
 GMW-03

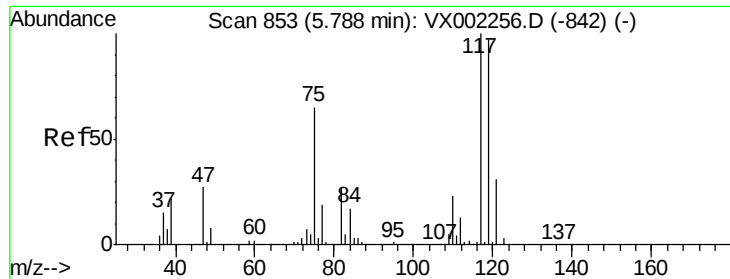
Tot Ion:113 Resp: 115322
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.4 122.0
 192 23.9 19.1 28.7



#36
 1,1-Dichloropropene
 Concen: 4.61 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.14 min
 Lab File: VX002329.D
 Acq: 06 Jun 2018 02:37

Tgt Ion: 75 Resp: 15839
 Ion Ratio Lower Upper
 75 100
 110 11.4 18.1 54.4#
 77 0.0 24.3 36.5#

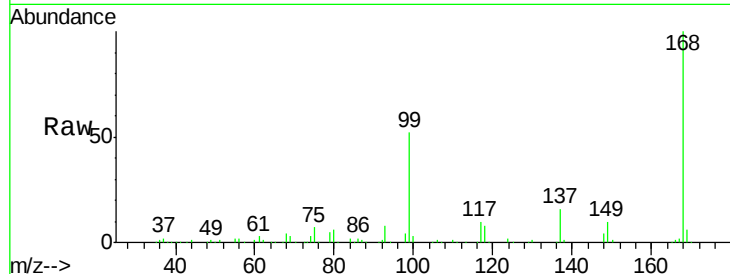




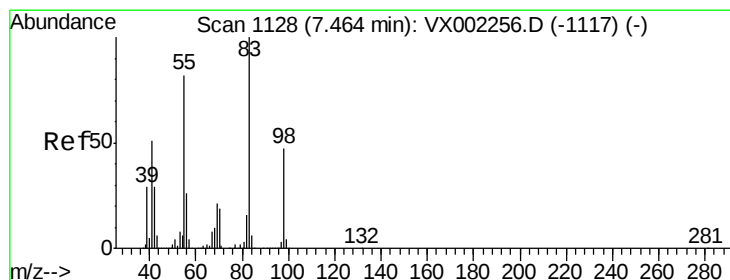
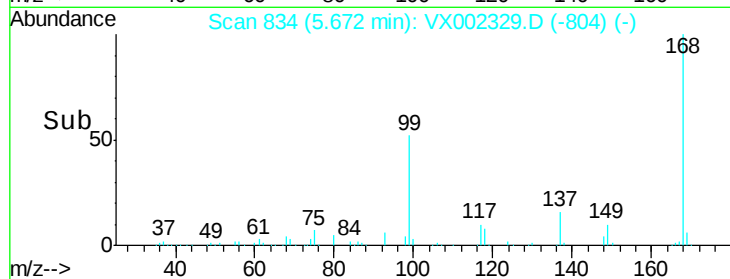
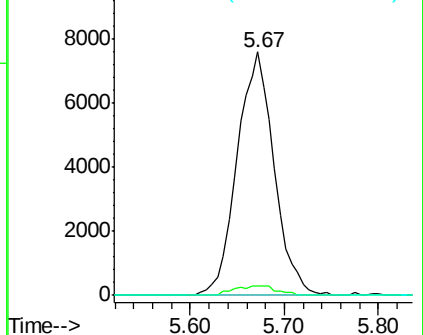
#38
Carbon Tetrachloride
Concen: 5.79 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX002329.D
Acq: 06 Jun 2018 02:37

Instrument :
MSVOA_X
ClientSampleId :
GMW-03

Tot Ion:117 Resp: 20808
Ion Ratio Lower Upper
117 100
119 4.0 77.4 116.0#
121 0.0 24.4 36.6#

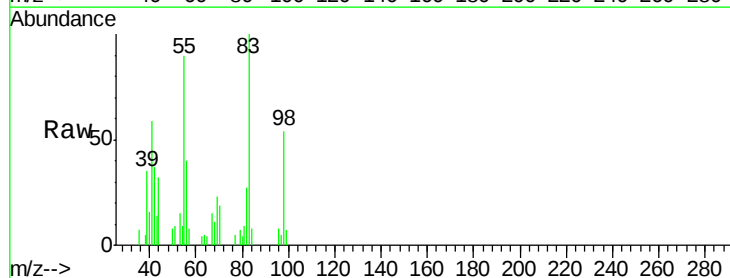


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

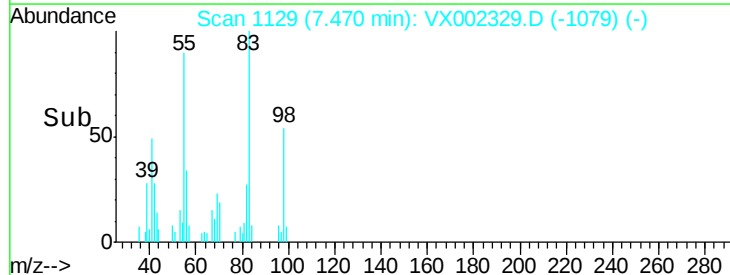
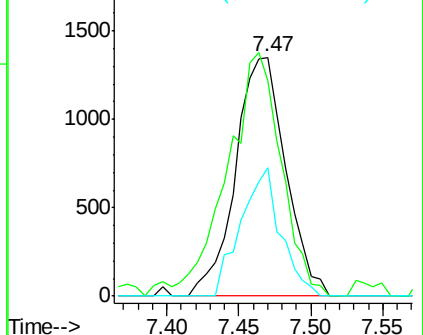


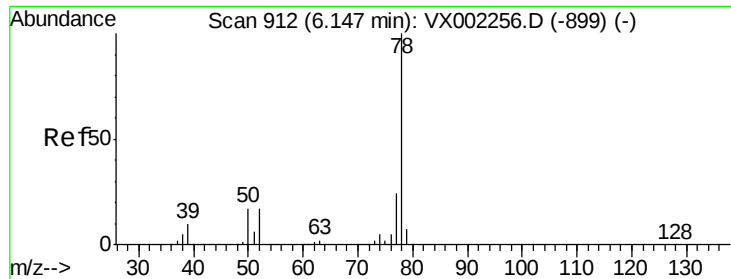
#39
Methylcyclohexane
Concen: 1.03 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.01 min
Lab File: VX002329.D
Acq: 06 Jun 2018 02:37

Tgt Ion: 83 Resp: 3274
Ion Ratio Lower Upper
83 100
55 90.1 65.4 98.0
98 53.5 37.4 56.0



Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 0.22 ug/l

RT: 6.14 min Scan# 911

Delta R.T. -0.01 min

Lab File: VX002329.D

Acq: 06 Jun 2018 02:37

Instrument :

MSVOA_X

ClientSampled :

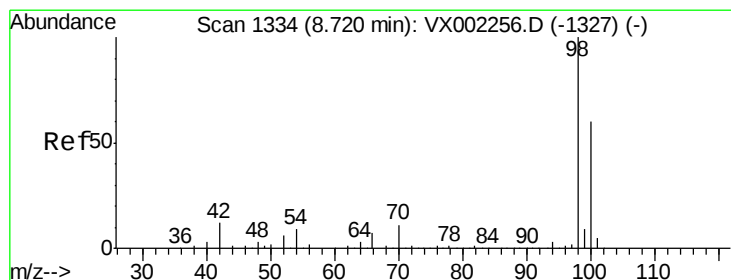
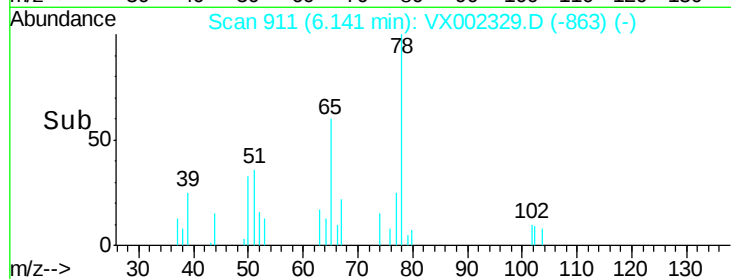
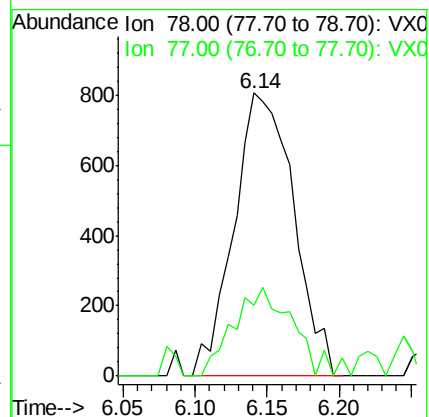
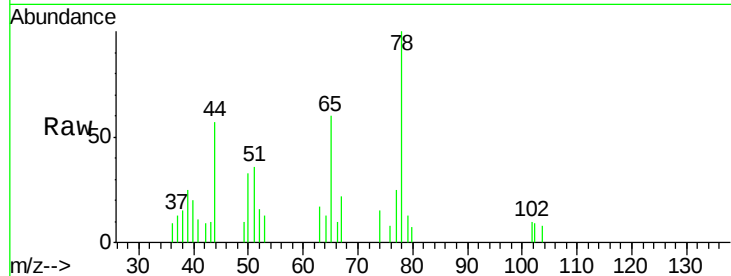
GMW-03

Tot Ion: 78 Resp: 2319

Ion Ratio Lower Upper

78 100

77 25.0 19.1 28.7



#50

Toluene-d8

Concen: 47.32 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX002329.D

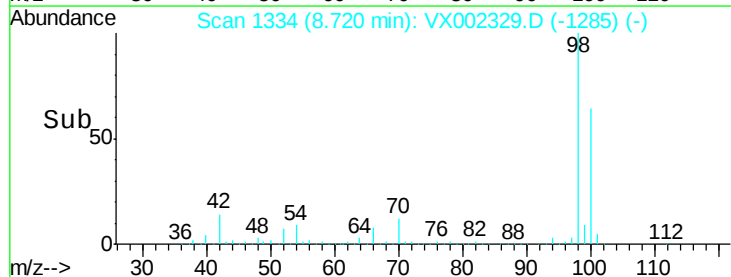
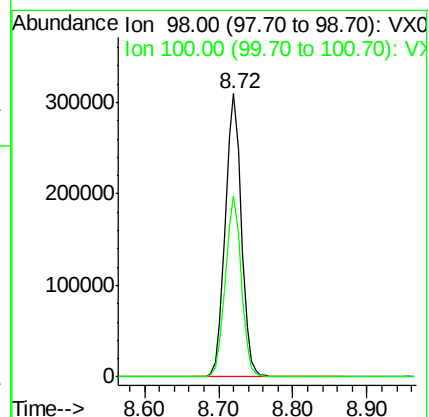
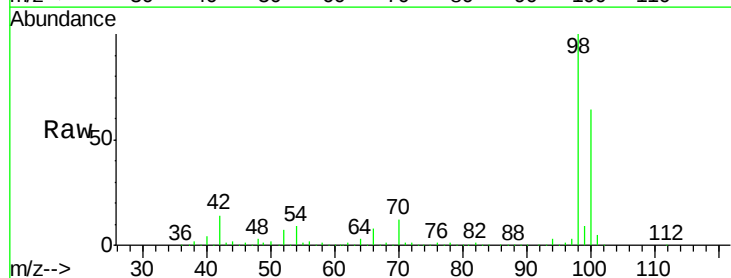
Acq: 06 Jun 2018 02:37

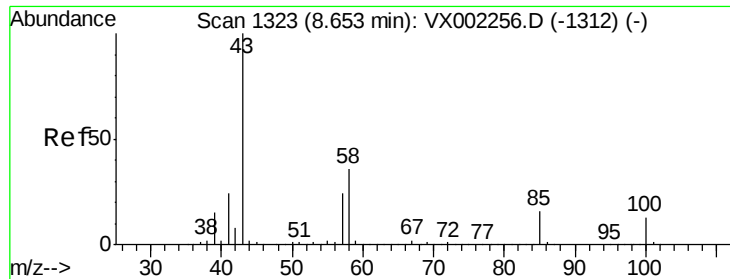
Tgt Ion: 98 Resp: 466009

Ion Ratio Lower Upper

98 100

100 63.1 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 0.43 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.01 min

Lab File: VX002329.D

Acq: 06 Jun 2018 02:37

Instrument :

MSVOA_X

ClientSampled :

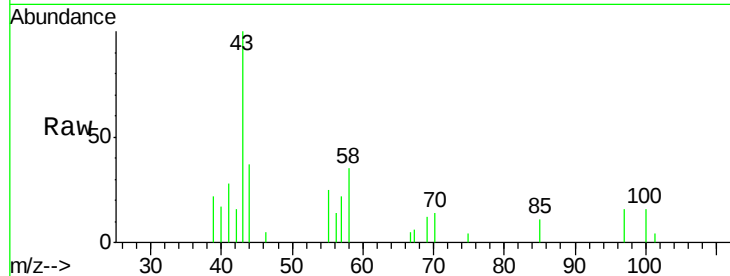
GMW-03

Tot Ion: 43 Resp: 1876

Ion Ratio Lower Upper

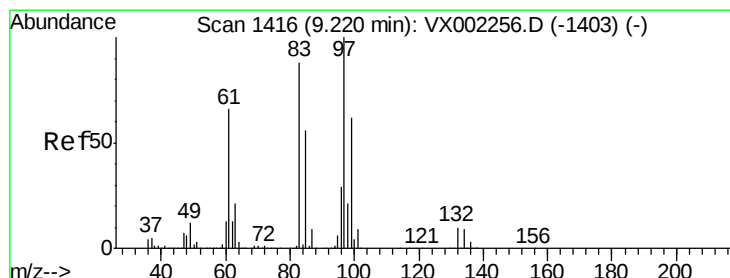
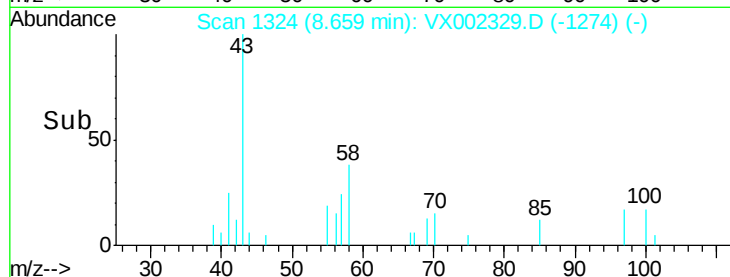
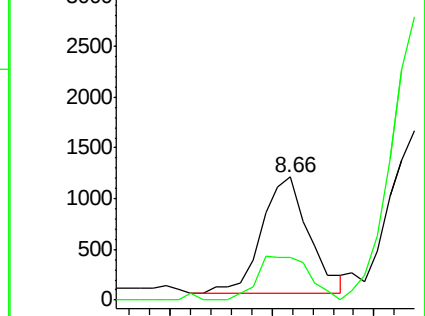
43 100

58 41.1 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#55

1,1,2-Trichloroethane

Concen: 0.22 ug/l

RT: 9.16 min Scan# 1407

Delta R.T. -0.05 min

Lab File: VX002329.D

Acq: 06 Jun 2018 02:37

Tgt Ion: 97 Resp: 601

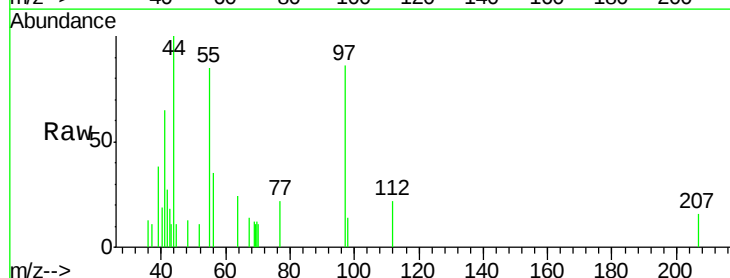
Ion Ratio Lower Upper

97 100

83 0.0 70.2 105.2#

85 0.0 44.9 67.3#

99 0.0 49.8 74.8#

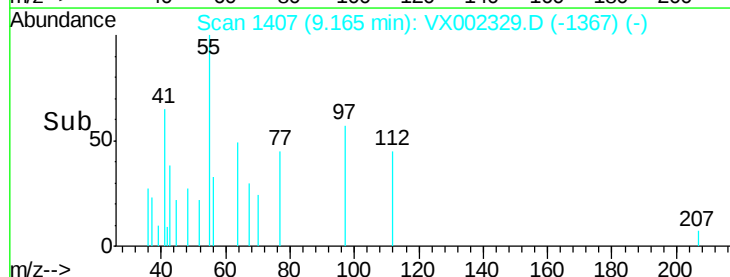
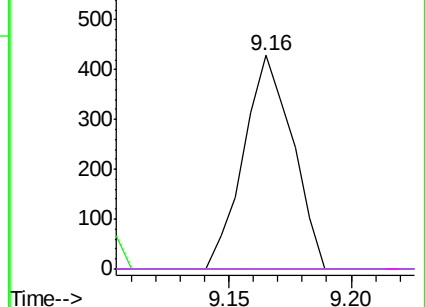


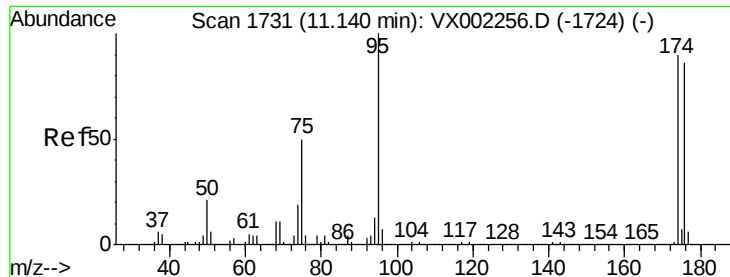
Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

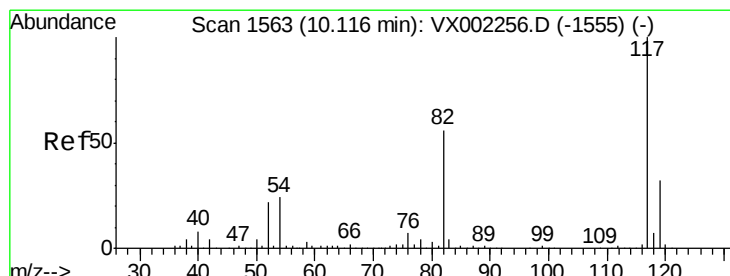
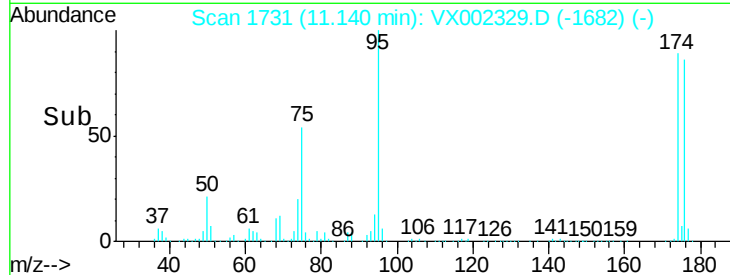
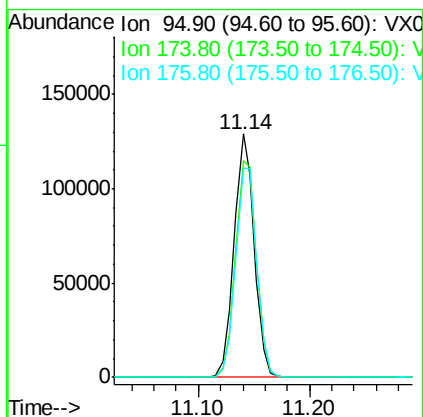
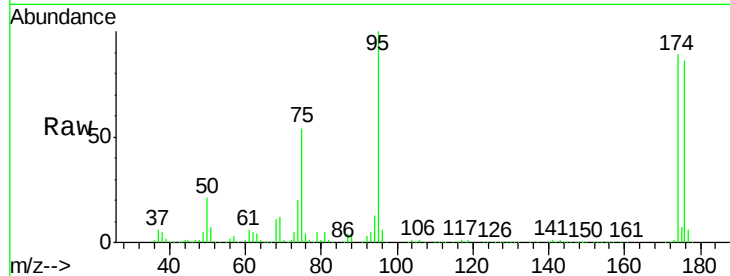




#62
4-Bromofluorobenzene
Concen: 42.33 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX002329.D
Acq: 06 Jun 2018 02:37

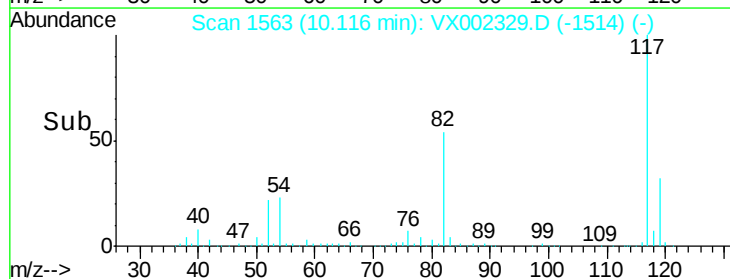
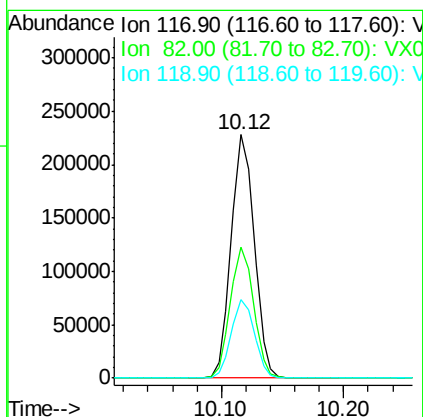
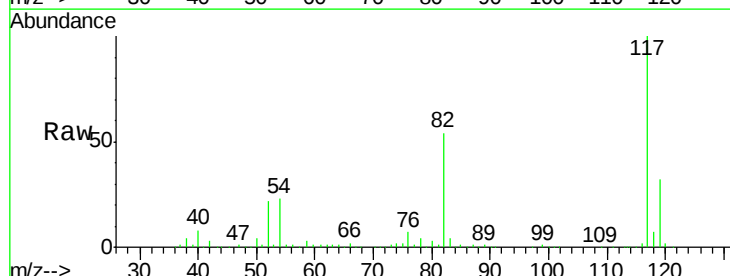
Instrument :
MSVOA_X
ClientSampleId :
GMW-03

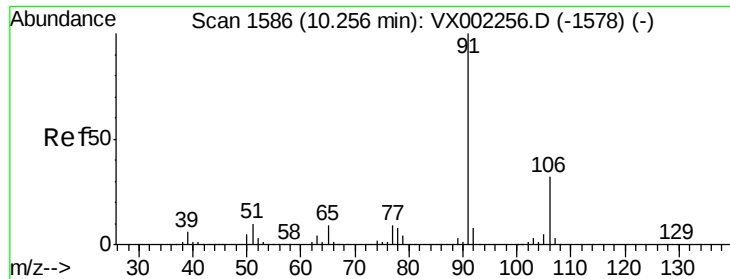
Tot Ion: 95 Resp: 160768
Ion Ratio Lower Upper
95 100
174 93.3 0.0 187.4
176 90.8 0.0 181.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002329.D
Acq: 06 Jun 2018 02:37

Tgt Ion: 117 Resp: 297935
Ion Ratio Lower Upper
117 100
82 53.6 45.0 67.4
119 32.3 25.8 38.6

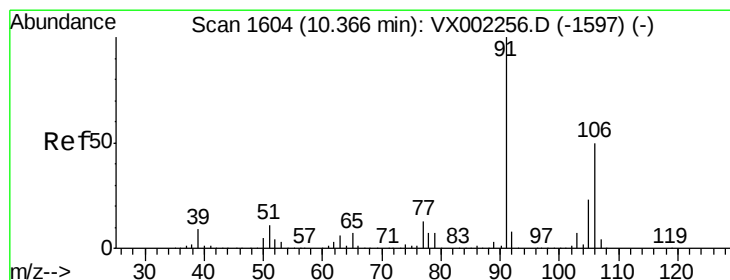
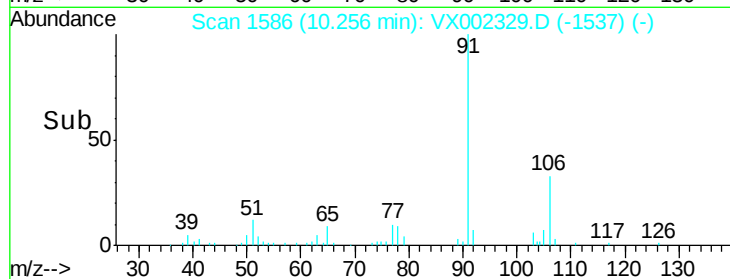
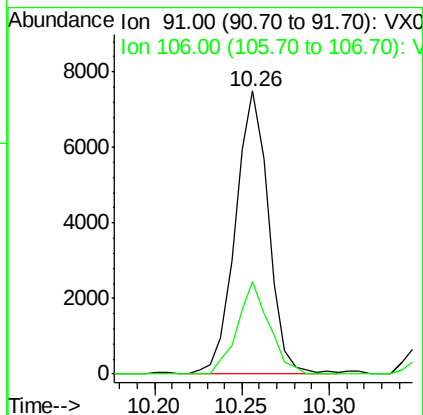
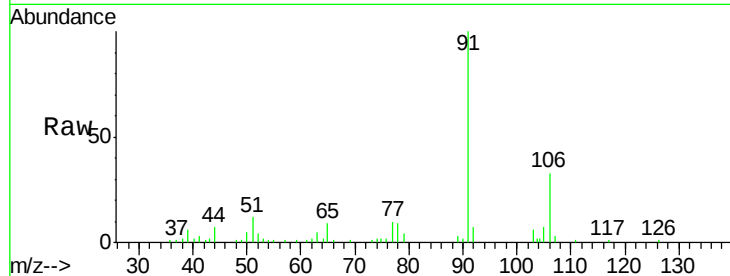




#67
Ethyl Benzene
Concen: 0.79 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002329.D
Acq: 06 Jun 2018 02:37

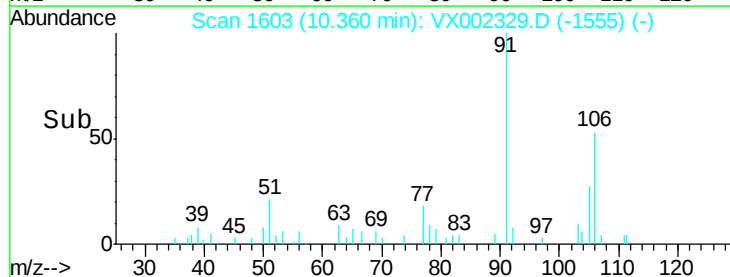
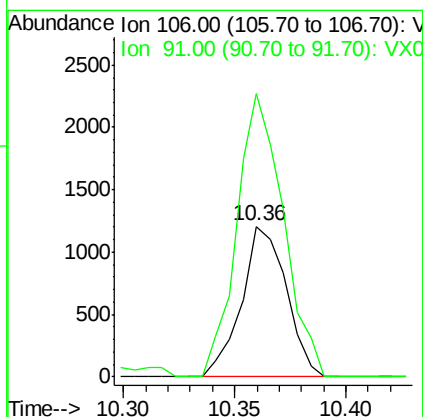
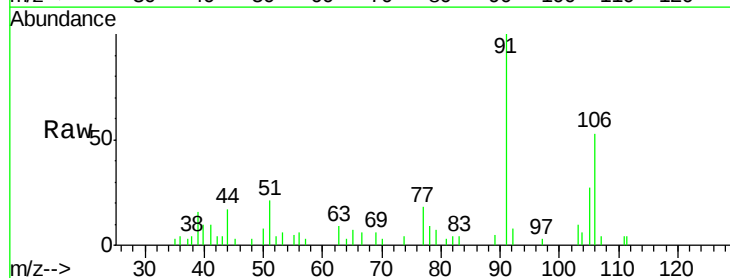
Instrument :
MSVOA_X
ClientSampleId :
GMW-03

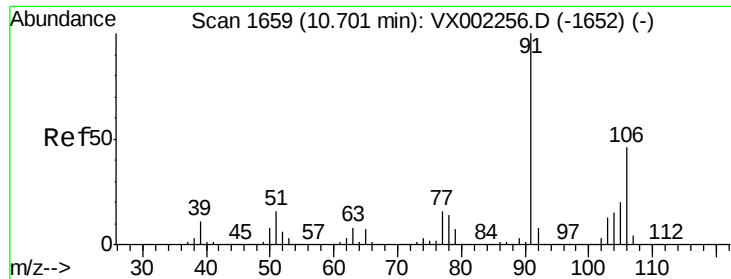
Tot Ion: 91 Resp: 9849
Ion Ratio Lower Upper
91 100
106 32.7 25.5 38.3



#68
m/p-Xylenes
Concen: 0.35 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VX002329.D
Acq: 06 Jun 2018 02:37

Tgt Ion: 106 Resp: 1692
Ion Ratio Lower Upper
106 100
91 195.0 163.4 245.2

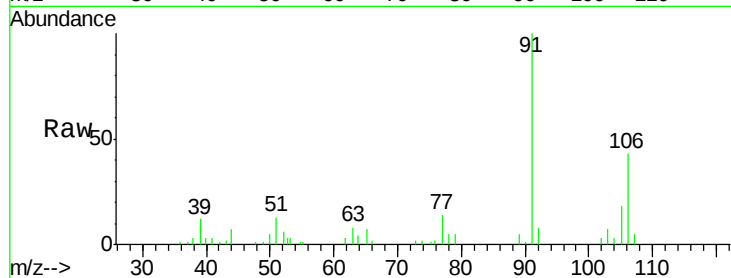




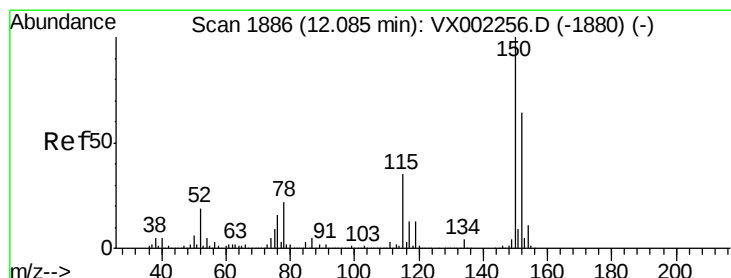
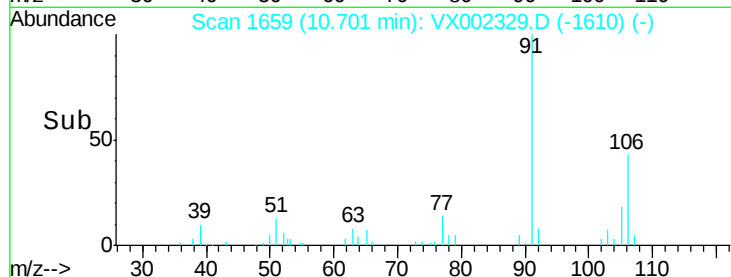
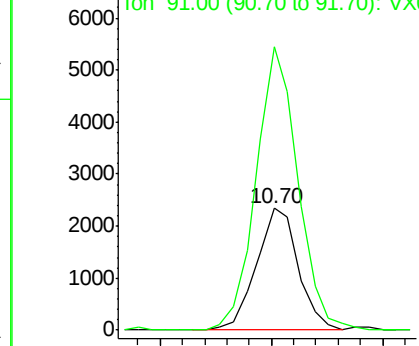
#69
o-Xylene
Concen: 0.64 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002329.D
Acq: 06 Jun 2018 02:37

Instrument :
MSVOA_X
ClientSampled :
GMW-03

Tot Ion:106 Resp: 3056
Ion Ratio Lower Upper
106 100
91 233.0 108.2 324.6

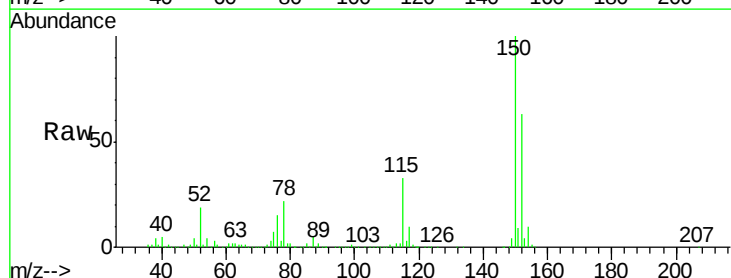


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

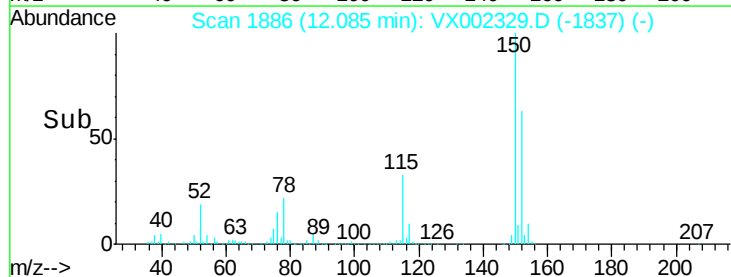
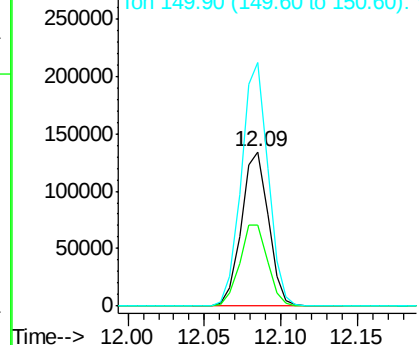


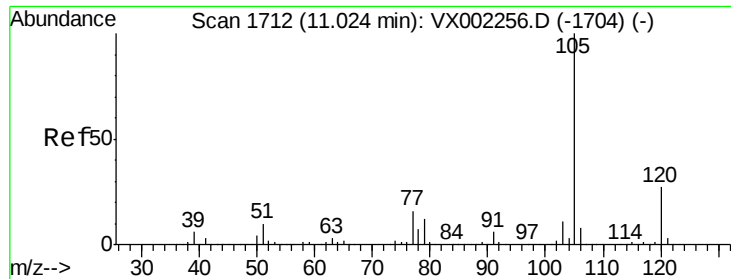
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002329.D
Acq: 06 Jun 2018 02:37

Tgt Ion:152 Resp: 164395
Ion Ratio Lower Upper
152 100
115 54.3 40.1 120.2
150 156.4 0.0 347.2



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





#73

Isopropylbenzene

Concen: 0.31 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002329.D

Acq: 06 Jun 2018 02:37

Instrument :

MSVOA_X

ClientSampleId :

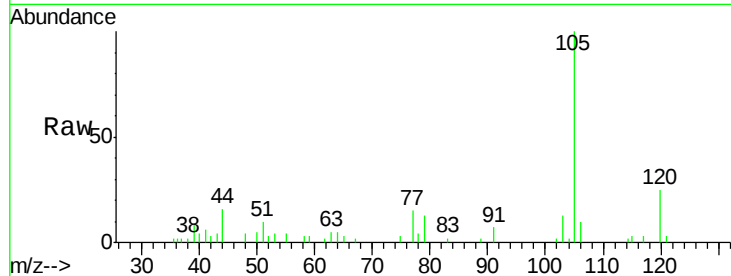
GMW-03

Tot Ion:105 Resp: 3575

Ion Ratio Lower Upper

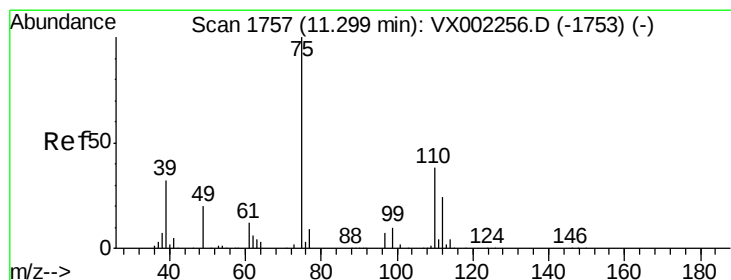
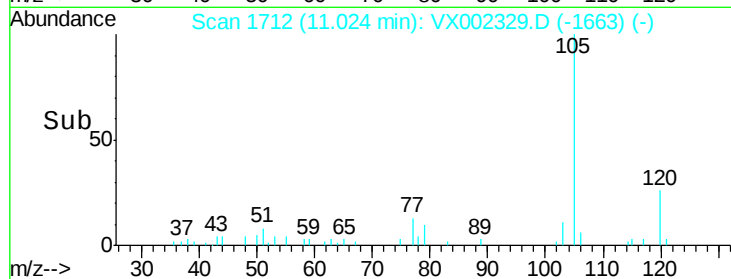
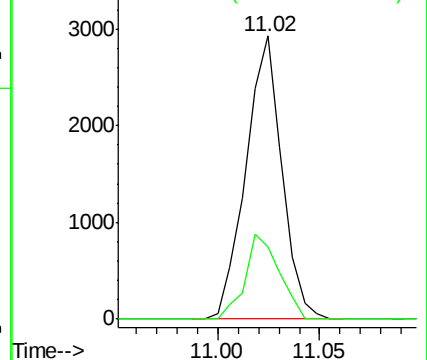
105 100

120 28.3 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

1,2,3-Trichloropropane

Concen: 23.95 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX002329.D

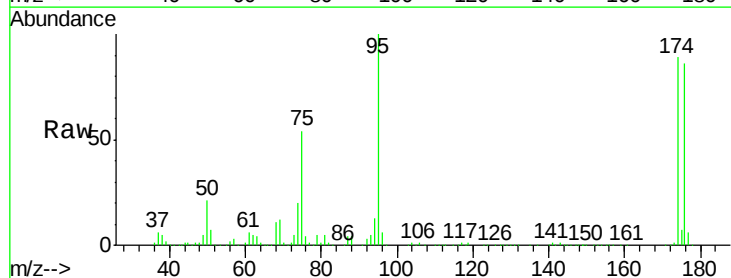
Acq: 06 Jun 2018 02:37

Tgt Ion: 75 Resp: 86390

Ion Ratio Lower Upper

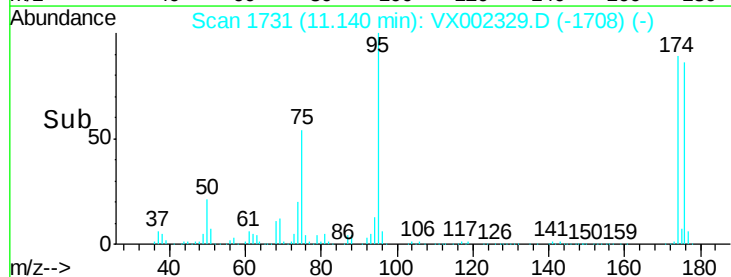
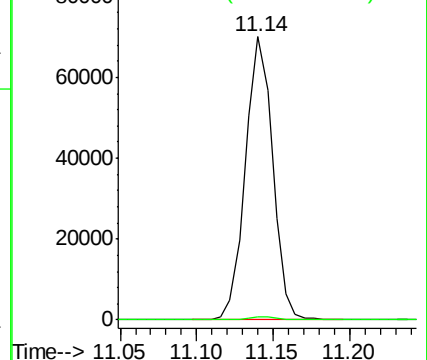
75 100

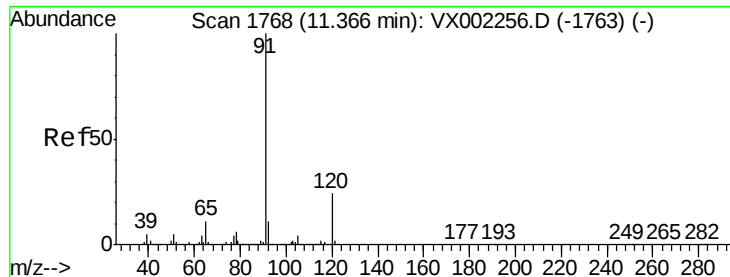
77 1.3 22.8 68.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 0.49 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002329.D

Acq: 06 Jun 2018 02:37

Instrument :

MSVOA_X

ClientSampled :

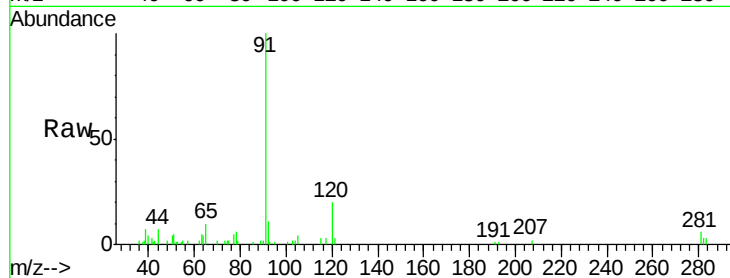
GMW-03

Tot Ion: 91 Resp: 6275

Ion Ratio Lower Upper

91 100

120 20.9 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

11.37

6000

5000

4000

3000

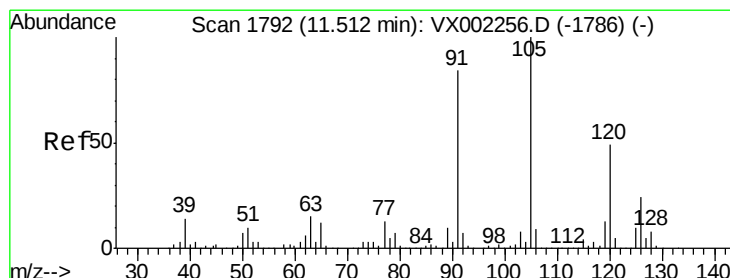
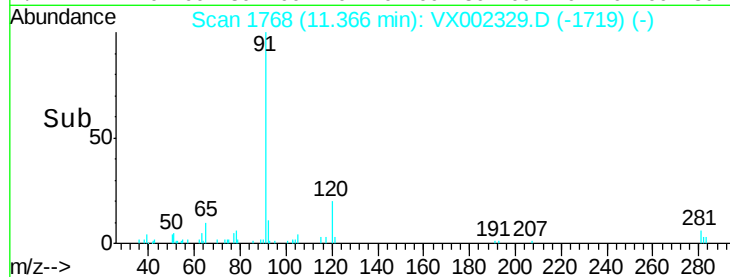
2000

1000

0

Time-->

11.30 11.35 11.40



#80

1,3,5-Trimethylbenzene

Concen: 0.27 ug/l

RT: 11.44 min Scan# 1780

Delta R.T. -0.07 min

Lab File: VX002329.D

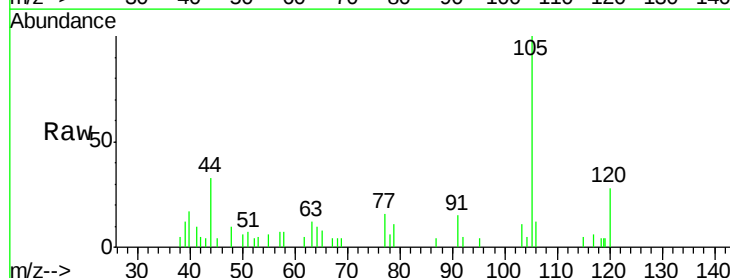
Acq: 06 Jun 2018 02:37

Tgt Ion: 105 Resp: 2620

Ion Ratio Lower Upper

105 100

120 31.8 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.44

1500

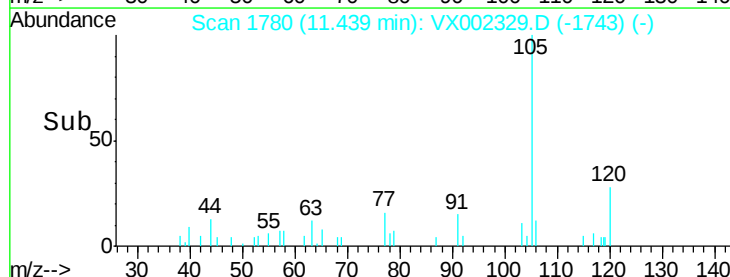
1000

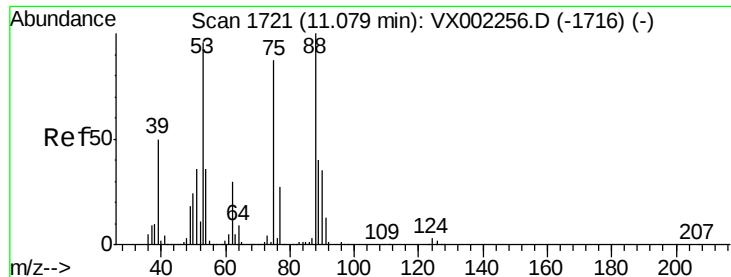
500

0

Time-->

11.40 11.45 11.50





#81

trans-1,4-Dichloro-2-butene

Concen: 83.95 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX002329.D

Acq: 06 Jun 2018 02:37

Instrument :

MSVOA_X

ClientSampled :

GMW-03

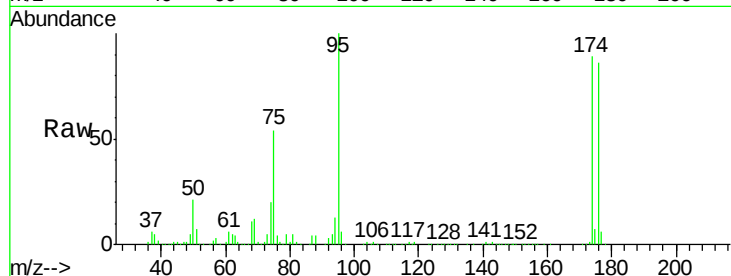
Tot Ion: 75 Resp: 86390

Ion Ratio Lower Upper

75 100

53 0.2 86.8 130.2#

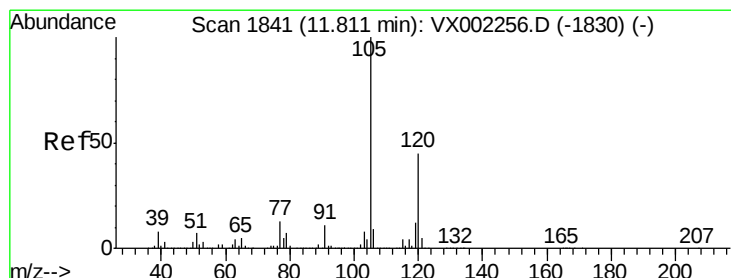
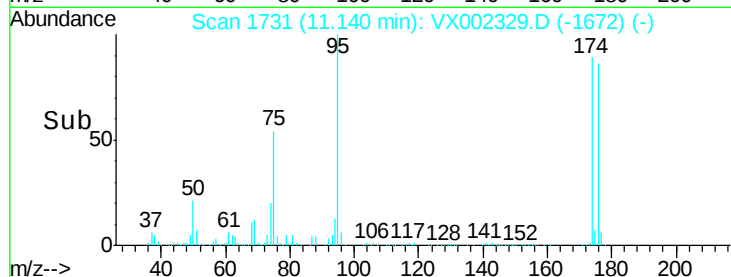
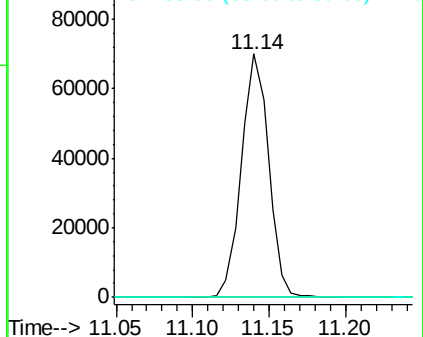
89 0.0 38.2 57.2#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#84

1,2,4-Trimethylbenzene

Concen: 0.35 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VX002329.D

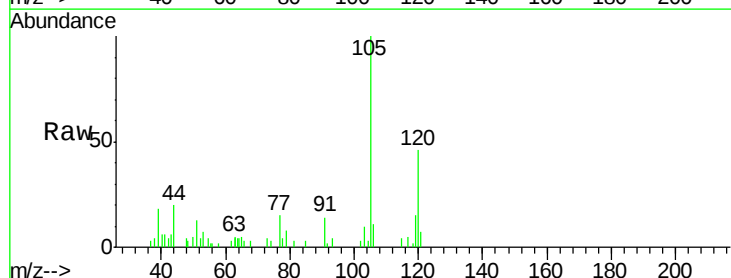
Acq: 06 Jun 2018 02:37

Tgt Ion:105 Resp: 3490

Ion Ratio Lower Upper

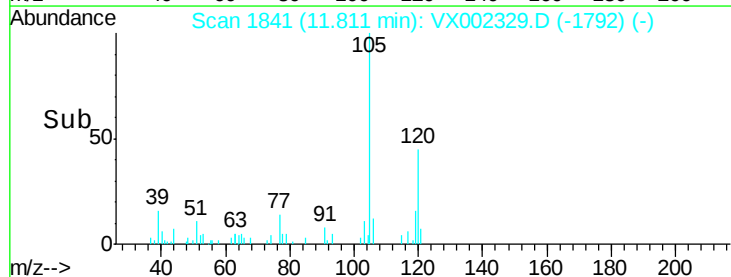
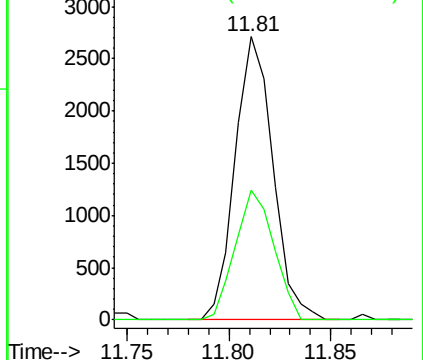
105 100

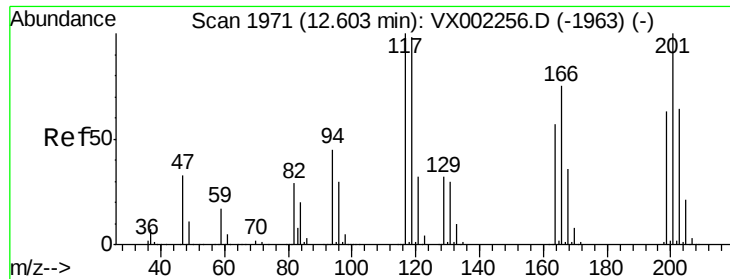
120 46.6 22.3 66.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#90

Hexachloroethane

Concen: 1.39 ug/l

RT: 12.71 min Scan# 1988

Delta R.T. 0.10 min

Lab File: VX002329.D

Acq: 06 Jun 2018 02:37

Instrument :

MSVOA_X

ClientSampleId :

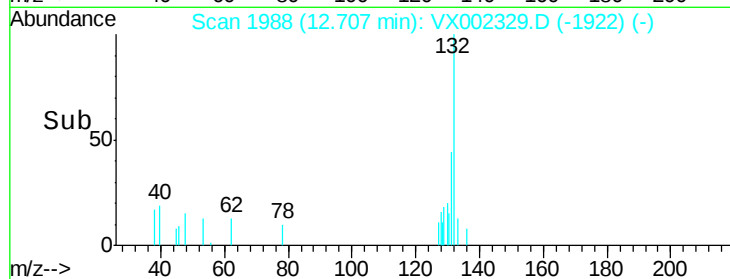
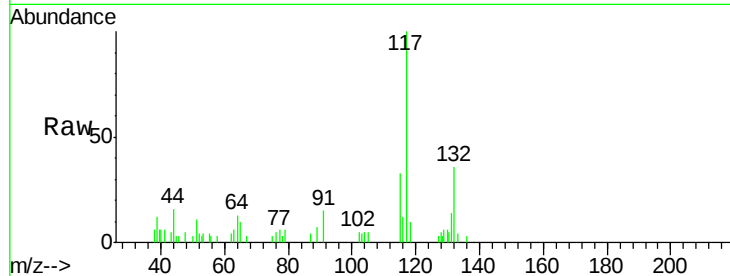
GMW-03

Tot Ion:117 Resp: 2265

Ion Ratio Lower Upper

117 100

201 0.0 49.0 147.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

