

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070219\
 Data File : VX010618.D
 Acq On : 02 Jul 2019 15:37
 Operator : JC/SP
 Sample : K3605-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 QNWP8-MW27S-GW

Quant Time: Jul 03 01:56:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	243108	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	377891	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	344819	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	171315	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	119291	52.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.66%	
35) Dibromofluoromethane	5.50	113	115860	50.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.22%	
50) Toluene-d8	8.71	98	444197	50.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.44%	
62) 4-Bromofluorobenzene	11.13	95	158417	49.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.22%	

Target Compounds

						Qvalue
3) Chloromethane	1.30	50	3332	1.693	ug/l #	42
5) Bromomethane	1.65	94	498	0.474	ug/l #	79
6) Chloroethane	1.98	64	827	0.650	ug/l #	41
10) Methyl Iodide	2.52	142	631	0.214	ug/l #	89
11) Tert butyl alcohol	3.04	59	1910	3.202	ug/l #	71
13) Acrolein	2.28	56	405	1.024	ug/l #	14
14) Allyl chloride	2.71	41	642	0.215	ug/l #	56
16) Acetone	2.44	43	2991	2.618	ug/l #	84
17) Carbon Disulfide	2.57	76	18236	3.226	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	32883	4.960	ug/l	99
20) Methylene Chloride	2.86	84	639	0.272	ug/l #	77
29) Tetrahydrofuran	5.12	42	394	0.380	ug/l #	56
31) Cyclohexane	5.57	56	2142	0.651	ug/l #	88
36) 1,1-Dichloropropene	5.66	75	15431	5.139	ug/l #	47
37) Ethyl Acetate	4.79	43	974	0.315	ug/l #	69
38) Carbon Tetrachloride	5.66	117	20840	6.409	ug/l #	17
39) Methylcyclohexane	7.47	83	2556	0.648	ug/l #	79
40) Benzene	6.15	78	4362499	466.301	ug/l	98
42) 1,2-Dichloroethane	6.15	62	36258	12.732	ug/l #	71
49) 1,4-Dioxane	7.75	88	1798	26.271	ug/l #	94
52) Toluene	8.79	92	14750	2.394	ug/l	99
67) Ethyl Benzene	10.25	91	847538	71.714	ug/l	99
68) m/p-Xylenes	10.36	106	14418	3.149	ug/l	99
69) o-Xylene	10.69	106	25775	5.724	ug/l	96
70) Styrene	10.69	104	2286	0.303	ug/l #	1
73) Isopropylbenzene	11.02	105	157755	13.584	ug/l	99
76) 1,2,3-Trichloropropane	11.13	75	77072	24.688	ug/l #	33
78) n-propylbenzene	11.36	91	40762	3.194	ug/l	100
79) 2-Chlorotoluene	11.36	91	40762	5.363	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.50	105	2360	0.247	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.13	75	77072	57.595	ug/l #	16
82) 4-Chlorotoluene	11.66	91	6274	0.725	ug/l #	42
83) tert-Butylbenzene	12.02	119	2668	0.278	ug/l	79
84) 1,2,4-Trimethylbenzene	11.80	105	66801	6.945	ug/l	99

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Quant Time: Jul 03 01:56:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

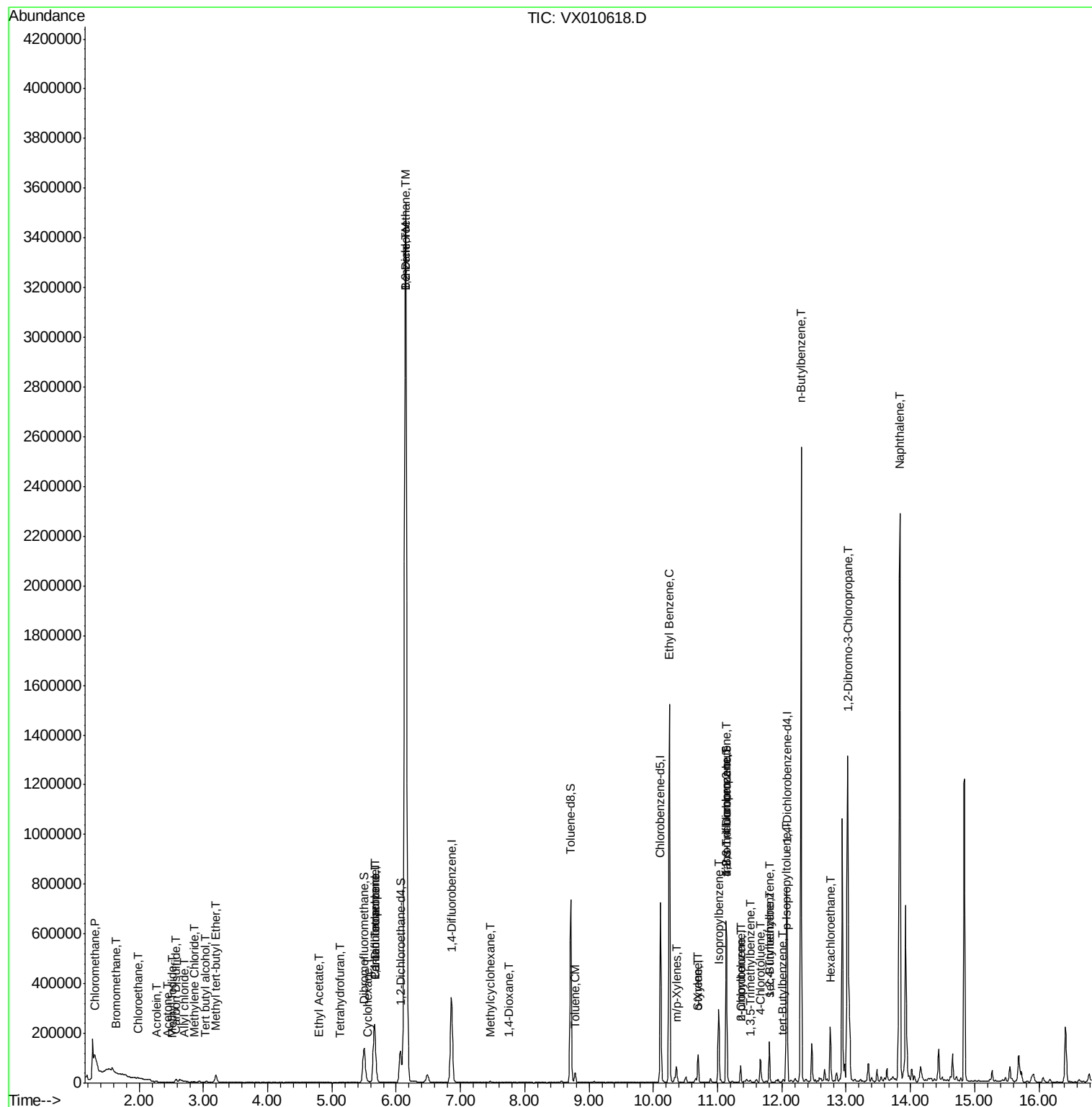
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	11.80	105	66801	5.921	ug/l #	55
86) p-Isopropyltoluene	12.06	119	5930	0.568	ug/l #	72
89) n-Butylbenzene	12.30	91	156411	17.638	ug/l #	44
90) Hexachloroethane	12.76	117	96474	53.465	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	13.02	75	25759	31.065	ug/l #	1
95) Naphthalene	13.83	128	1379264	115.045	ug/l	100

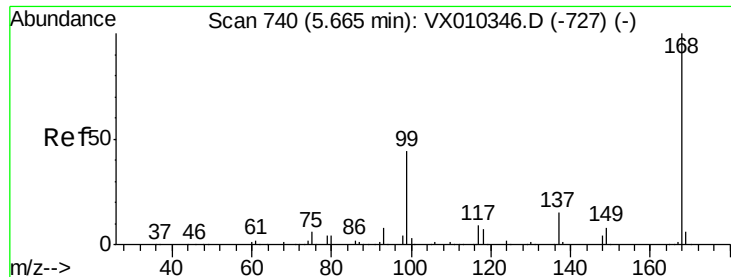
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX010618.D

Acq: 02 Jul 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

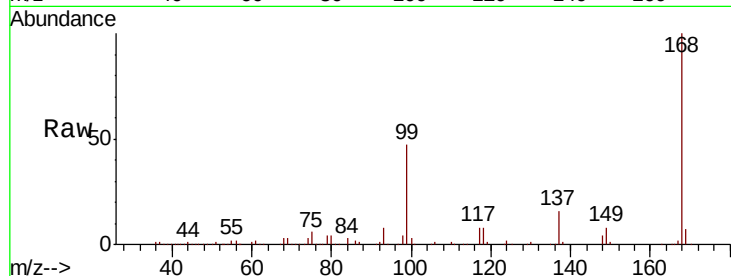
QNWP8-MW27S-GW

Tot Ion:168 Resp: 243108

Ion Ratio Lower Upper

168 100

99 46.9 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

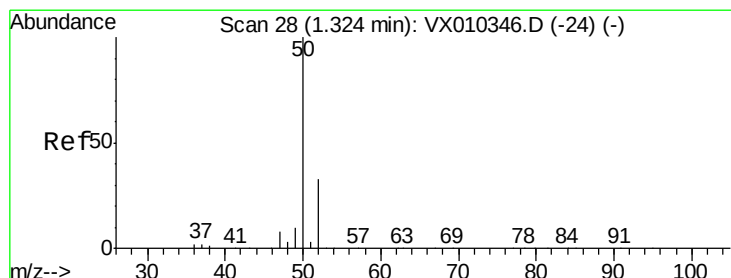
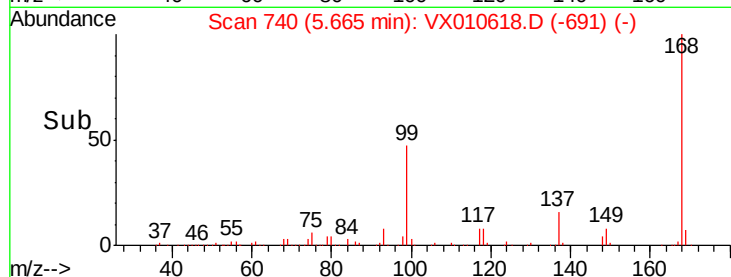
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 1.693 ug/l

RT: 1.30 min Scan# 24

Delta R.T. -0.02 min

Lab File: VX010618.D

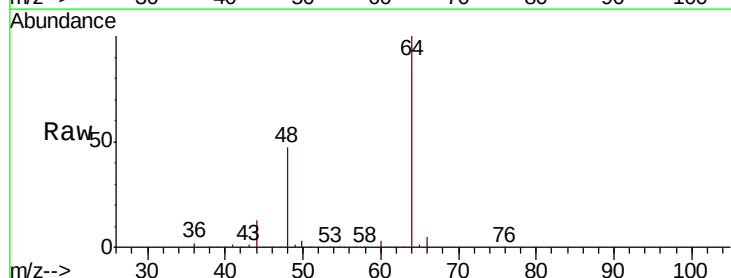
Acq: 02 Jul 2019 15:37

Tgt Ion: 50 Resp: 3332

Ion Ratio Lower Upper

50 100

52 0.0 26.5 39.7#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.30

2500

2000

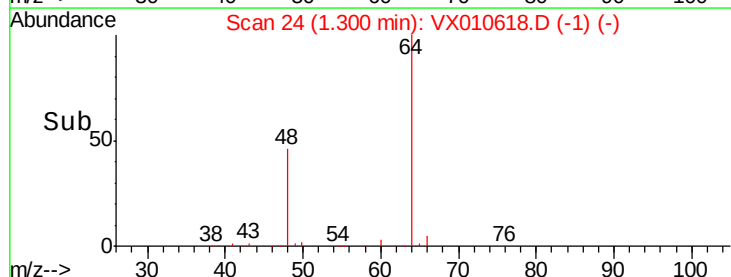
1500

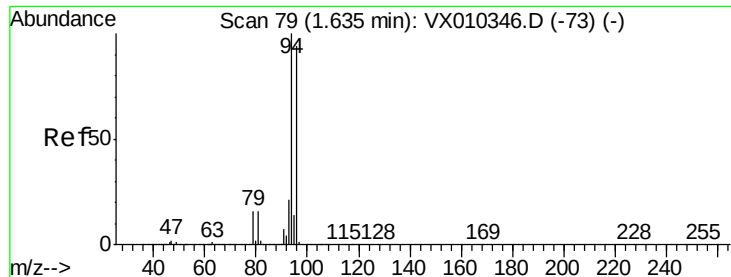
1000

500

0

Time--> 1.30 1.35 1.40





#5

Bromomethane

Concen: 0.474 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX010618.D

Acq: 02 Jul 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

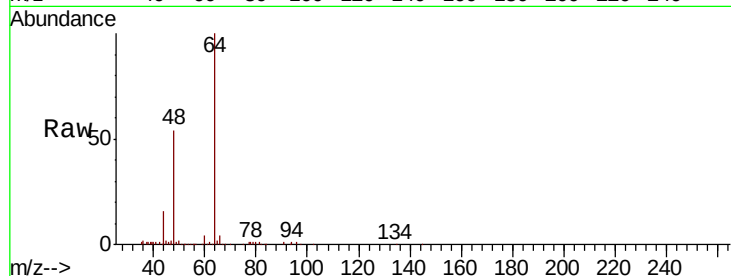
QNWP8-MW27S-GW

Tot Ion: 94 Resp: 498

Ion Ratio Lower Upper

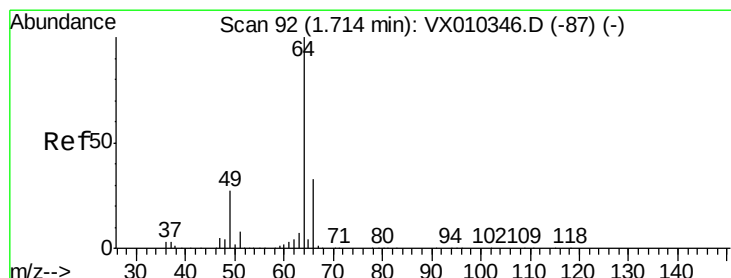
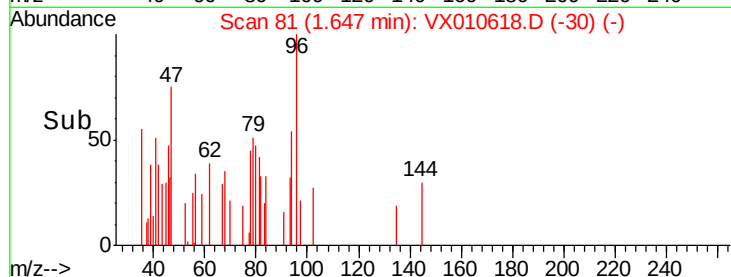
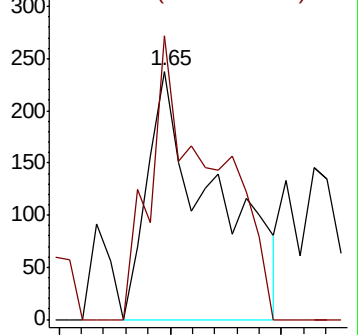
94 100

96 114.3 75.5 113.3#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 0.650 ug/l

RT: 1.98 min Scan# 136

Delta R.T. 0.27 min

Lab File: VX010618.D

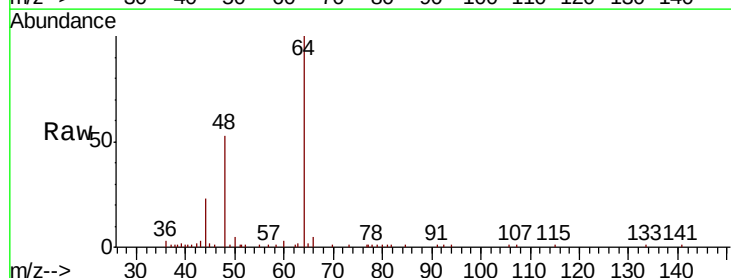
Acq: 02 Jul 2019 15:37

Tgt Ion: 64 Resp: 827

Ion Ratio Lower Upper

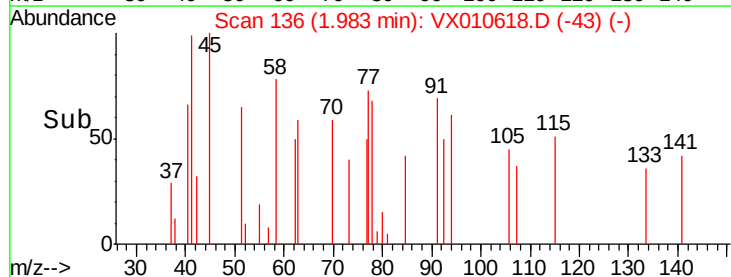
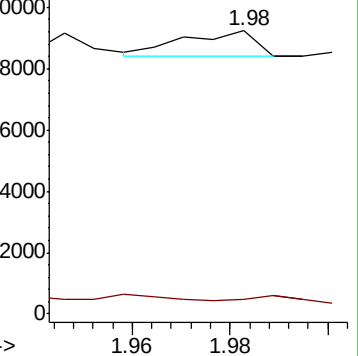
64 100

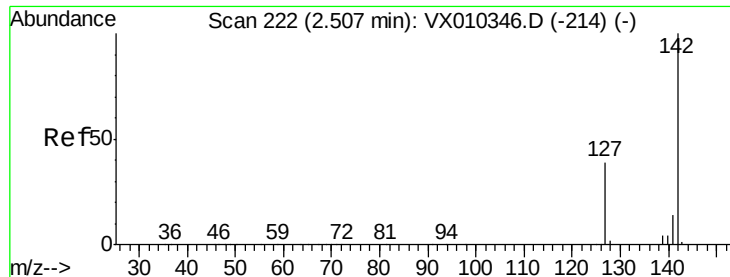
66 0.0 26.6 40.0#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

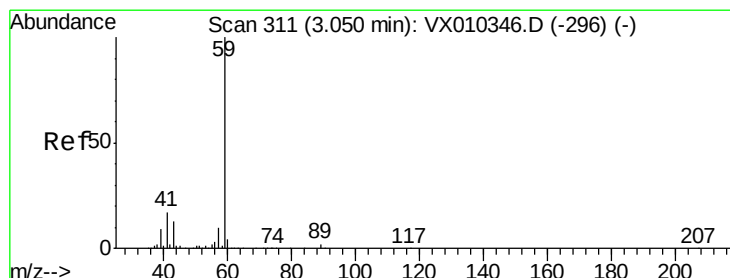
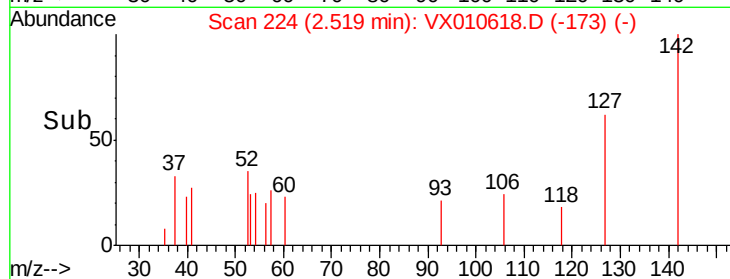
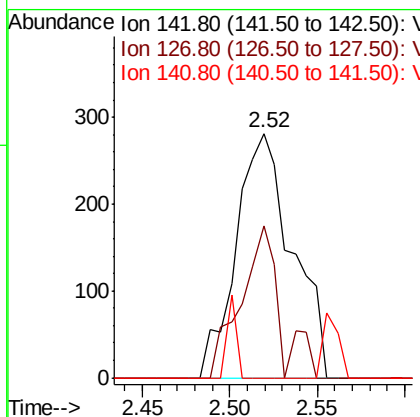
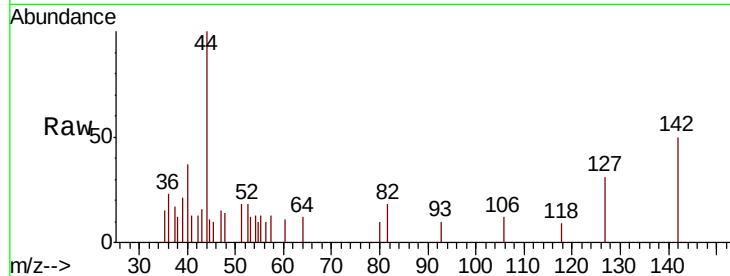




#10
Methvl Iodide
Concen: 0.214 ug/l
RT: 2.52 min Scan# 224
Delta R.T. 0.01 min
Lab File: VX010618.D
Acq: 02 Jul 2019 15:37

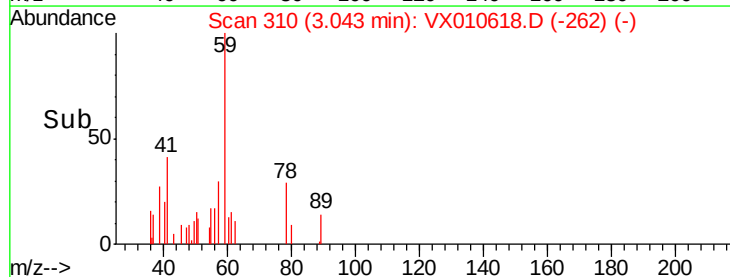
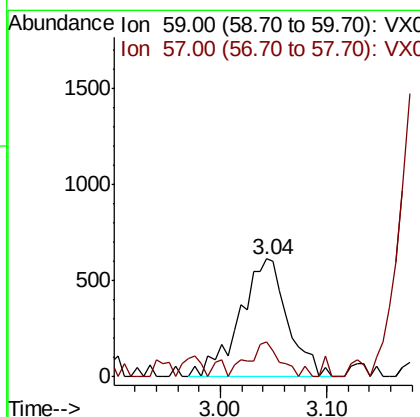
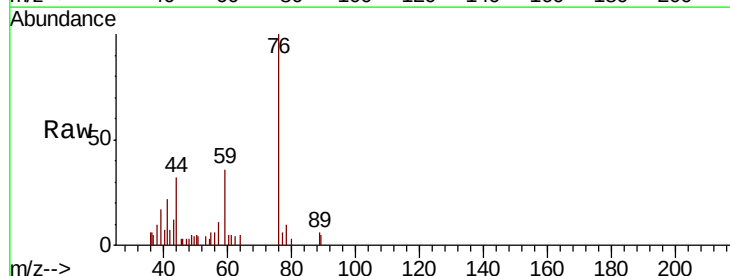
Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW27S-GW

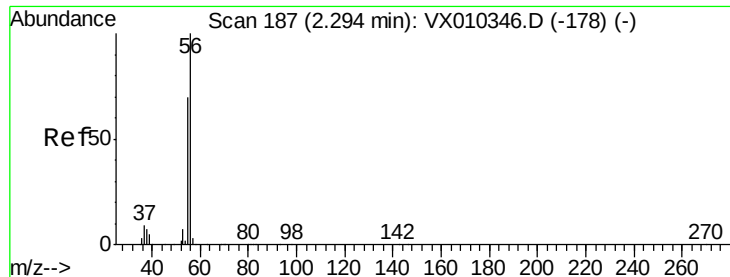
Tot Ion:142 Resp: 631
Ion Ratio Lower Upper
142 100
127 43.3 31.1 46.7
141 5.5 11.2 16.8#



#11
Tert butyl alcohol
Concen: 3.202 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX010618.D
Acq: 02 Jul 2019 15:37

Tgt Ion: 59 Resp: 1910
Ion Ratio Lower Upper
59 100
57 20.1 7.7 11.5#





#13

Acrolein

Concen: 1.024 ug/l

RT: 2.28 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX010618.D

Acq: 02 Jul 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

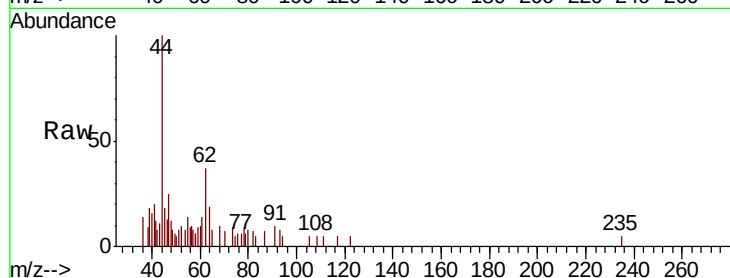
QNWP8-MW27S-GW

Tot Ion: 56 Resp: 405

Ion Ratio Lower Upper

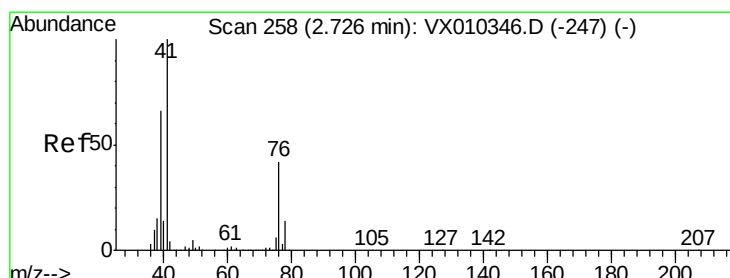
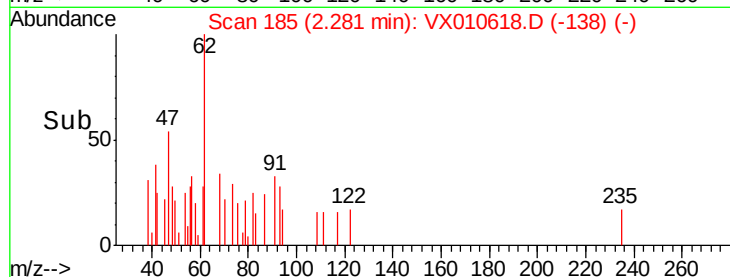
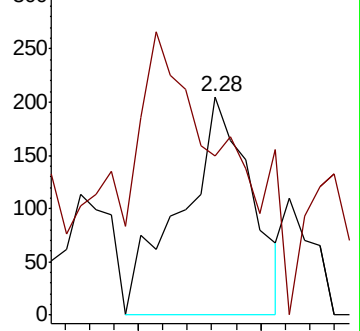
56 100

55 0.0 56.9 85.3#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 0.215 ug/l

RT: 2.71 min Scan# 255

Delta R.T. -0.02 min

Lab File: VX010618.D

Acq: 02 Jul 2019 15:37

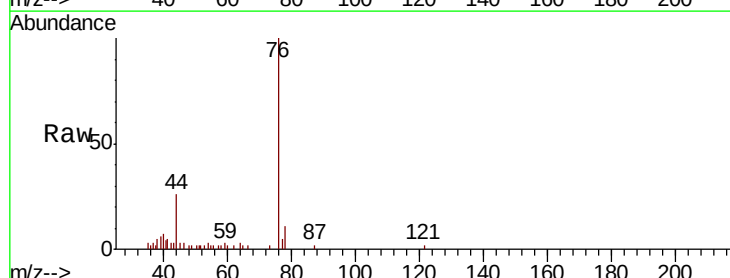
Tgt Ion: 41 Resp: 642

Ion Ratio Lower Upper

41 100

39 38.0 50.3 75.5#

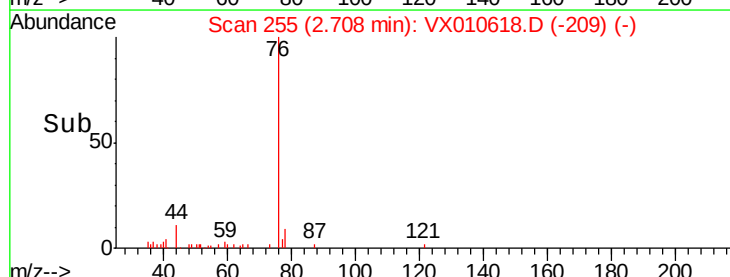
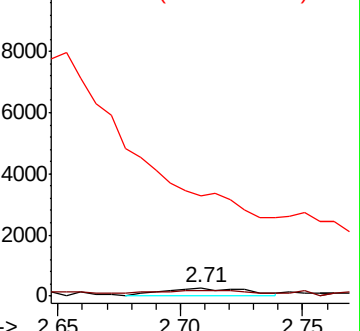
76 0.0 31.3 46.9#

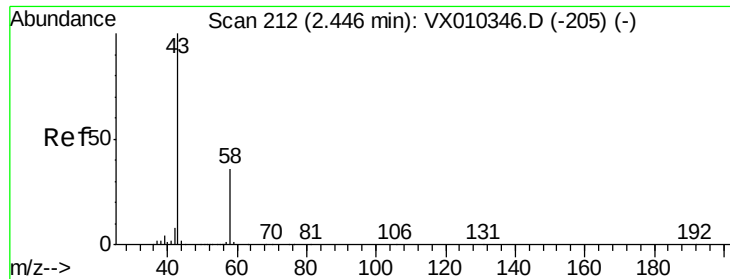


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#16

Acetone

Concen: 2.618 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

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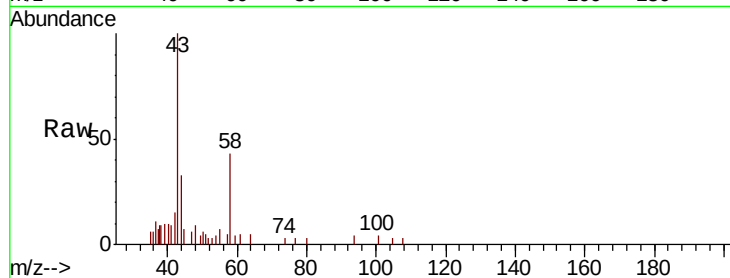
QNWP8-MW27S-GW

Tot Ion: 43 Resp: 2991

Ion Ratio Lower Upper

43 100

58 45.5 28.9 43.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

1500

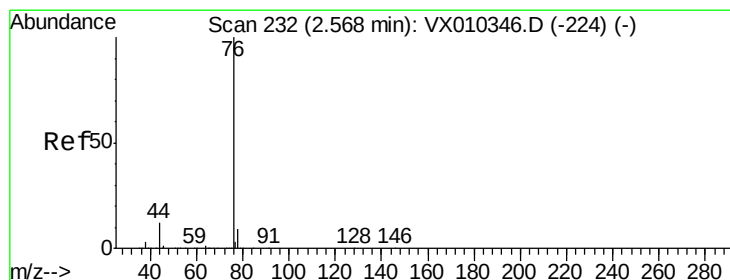
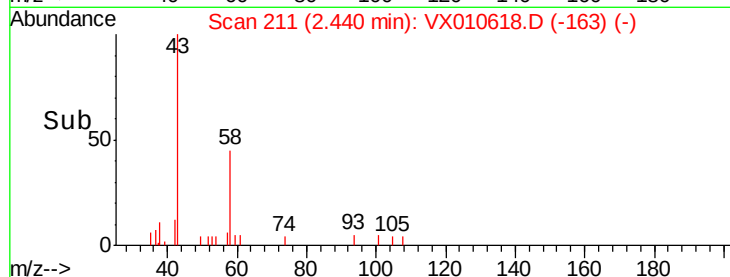
1000

500

0

Time-->

2.40 2.45 2.50



#17

Carbon Disulfide

Concen: 3.226 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX010618.D

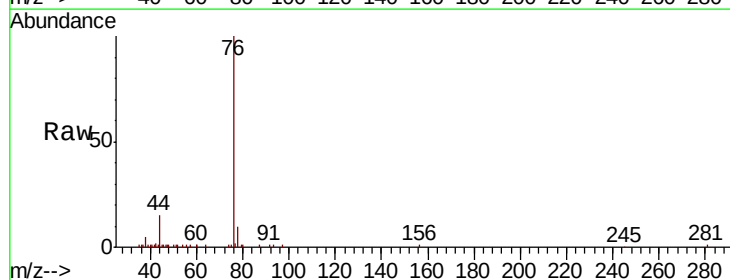
Acq: 02 Jul 2019 15:37

Tgt Ion: 76 Resp: 18236

Ion Ratio Lower Upper

76 100

78 10.0 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

12000

10000

8000

6000

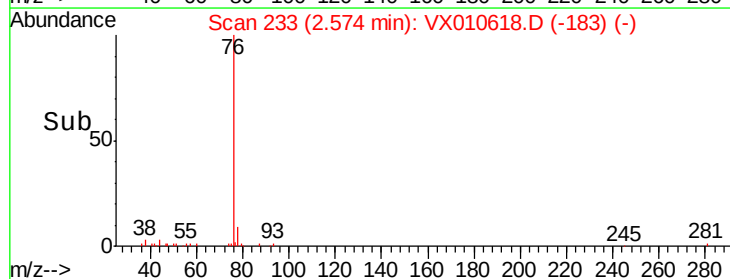
4000

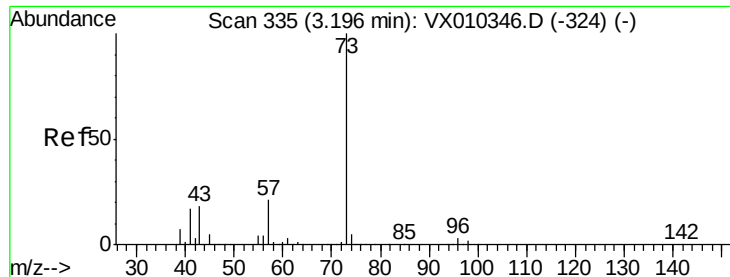
2000

0

Time-->

2.50 2.55 2.60





#19

Methyl tert-butyl Ether

Concen: 4.960 ug/l

RT: 3.20 min Scan# 335

Delta R.T. -0.00 min

Lab File: VX010618.D

Acq: 02 Jul 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

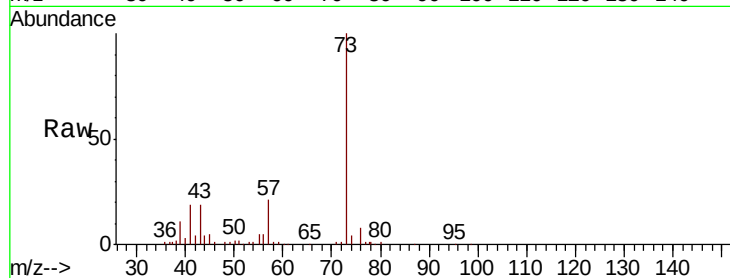
QNWP8-MW27S-GW

Tot Ion: 73 Resp: 32883

Ion Ratio Lower Upper

73 100

57 20.3 16.4 24.6



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

15000

10000

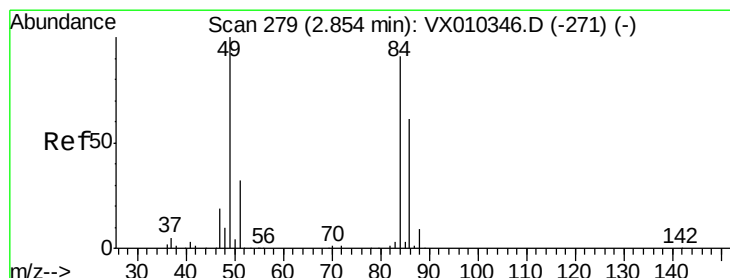
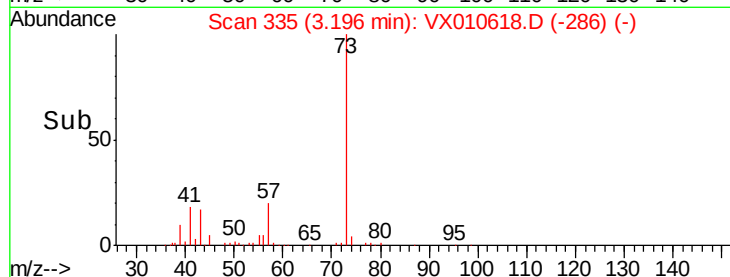
5000

0

Time-->

3.10 3.20 3.30

3.20



#20

Methylene Chloride

Concen: 0.272 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.01 min

Lab File: VX010618.D

Acq: 02 Jul 2019 15:37

Tgt Ion: 84 Resp: 639

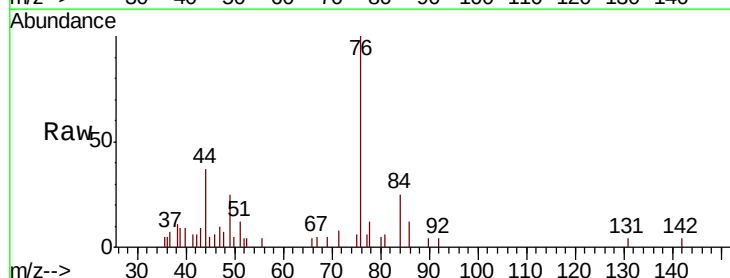
Ion Ratio Lower Upper

84 100

49 79.5 87.5 131.3#

51 31.1 27.7 41.5

86 47.8 53.4 80.0#



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

500

400

300

200

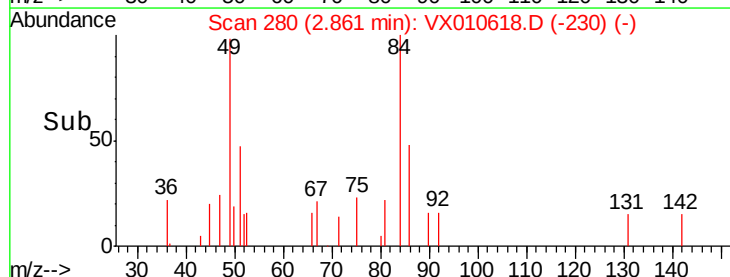
100

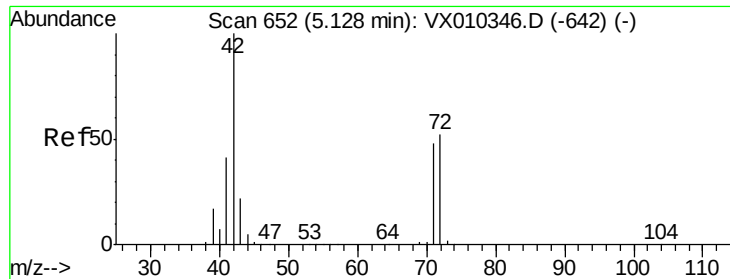
0

Time-->

2.80 2.85 2.90

2.86

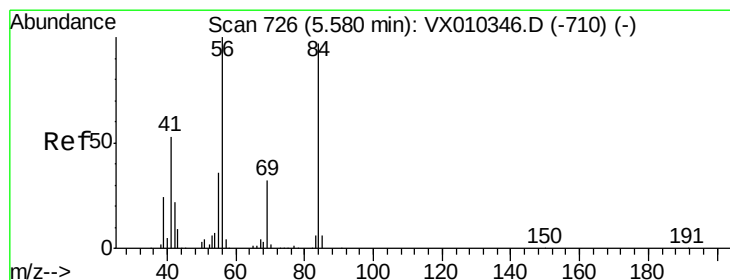
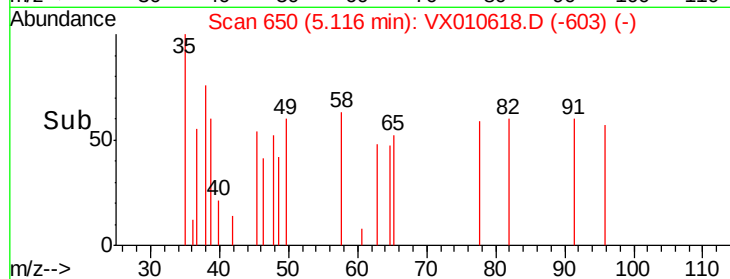
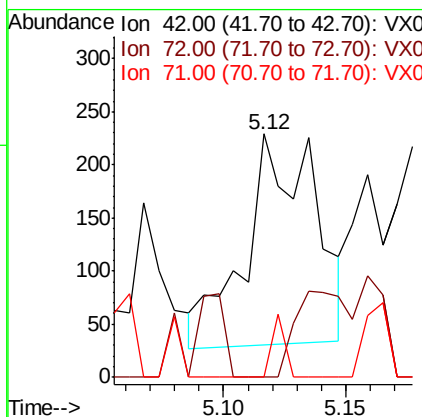
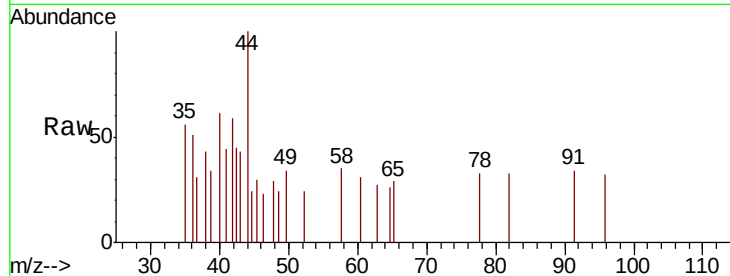




#29
Tetrahydrofuran
Concen: 0.380 ug/l
RT: 5.12 min Scan# 650
Delta R.T. -0.01 min
Lab File: VX010618.D
Acq: 02 Jul 2019 15:37

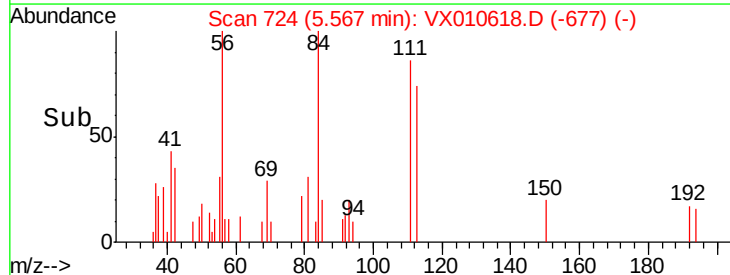
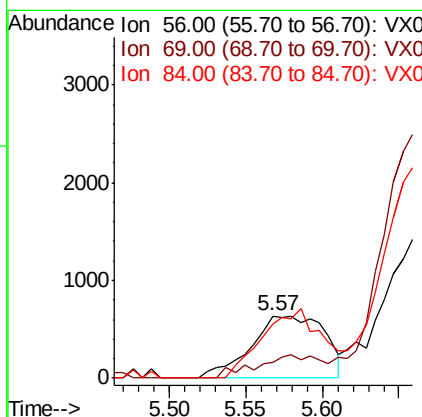
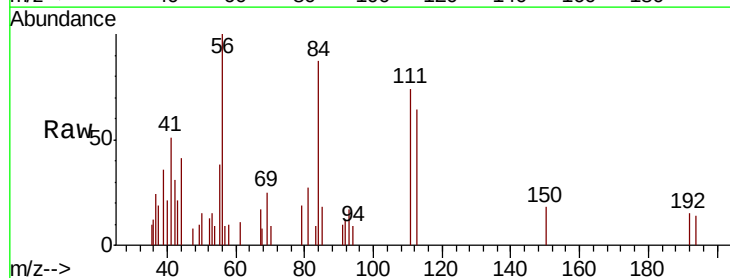
Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW27S-GW

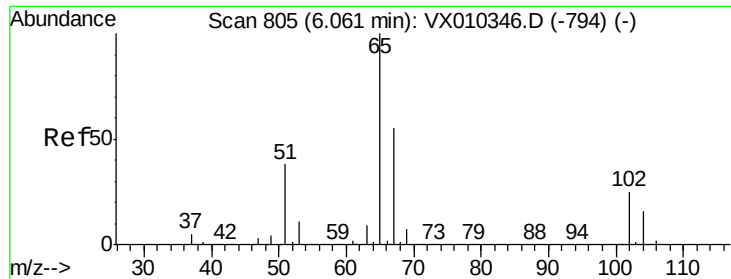
Tot Ion: 42 Resp: 394
Ion Ratio Lower Upper
42 100
72 31.7 40.6 60.8#
71 5.6 37.8 56.8#



#31
Cyclohexane
Concen: 0.651 ug/l
RT: 5.57 min Scan# 724
Delta R.T. -0.01 min
Lab File: VX010618.D
Acq: 02 Jul 2019 15:37

Tgt Ion: 56 Resp: 2142
Ion Ratio Lower Upper
56 100
69 24.9 25.9 38.9#
84 86.8 78.0 117.0

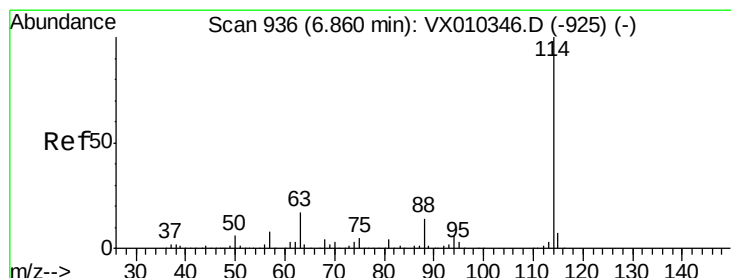
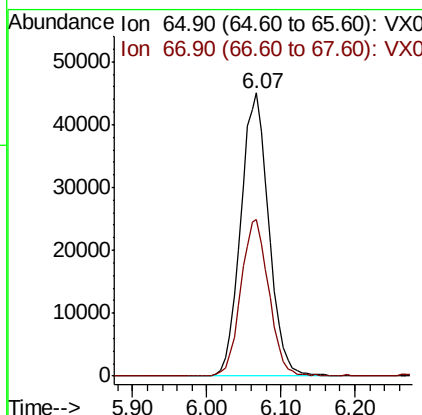
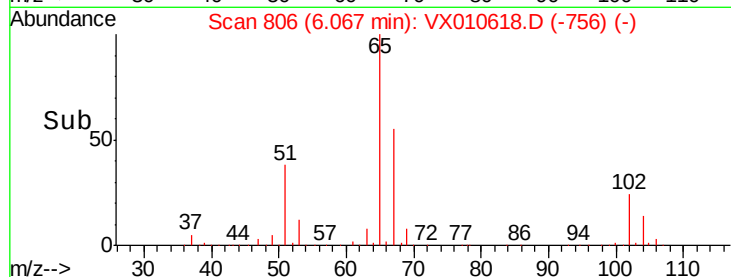
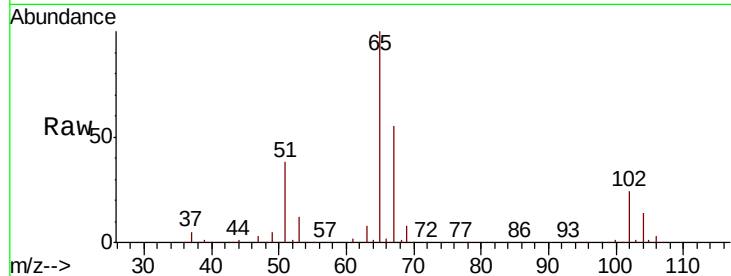




#33
 1,2-Dichloroethane-d4
 Concen: 52.335 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.01 min
 Lab File: VX010618.D
 Acq: 02 Jul 2019 15:37

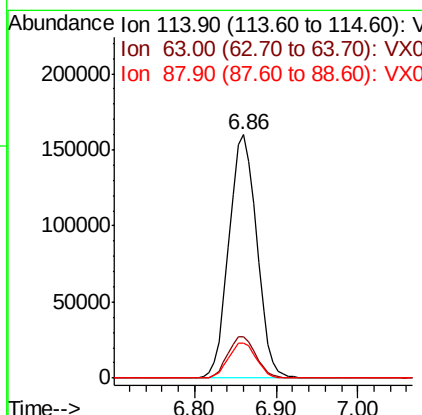
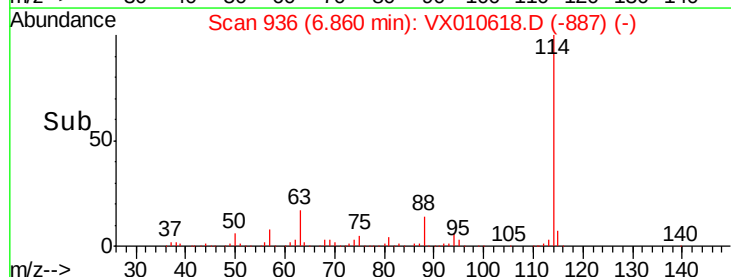
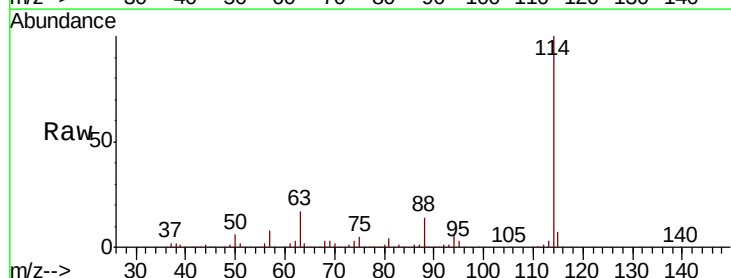
Instrument :
 MSVOA_X
 ClientSampleId :
 QNWP8-MW27S-GW

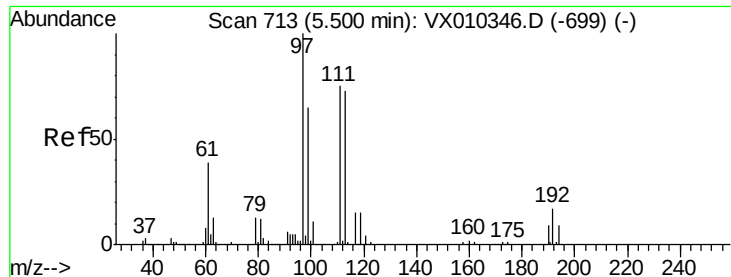
Tot Ion: 65 Resp: 119291
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 110.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010618.D
 Acq: 02 Jul 2019 15:37

Tgt Ion: 114 Resp: 377891
 Ion Ratio Lower Upper
 114 100
 63 16.7 0.0 33.8
 88 14.5 0.0 27.6





#35

Dibromofluoromethane

Concen: 50.111 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010618.D

Acq: 02 Jul 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

QNWP8-MW27S-GW

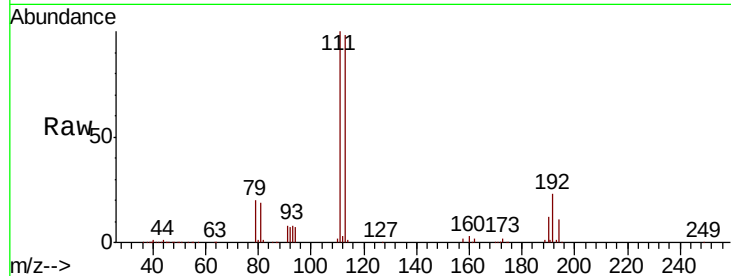
Tot Ion:113 Resp: 115860

Ion Ratio Lower Upper

113 100

111 102.2 81.2 121.8

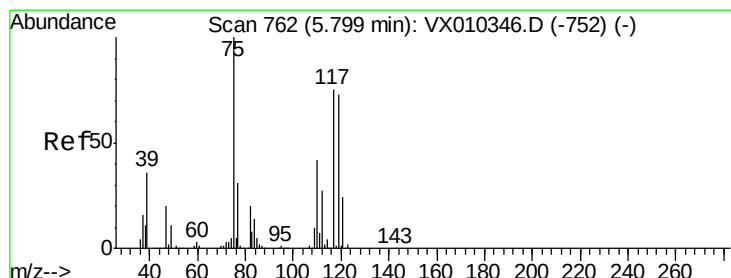
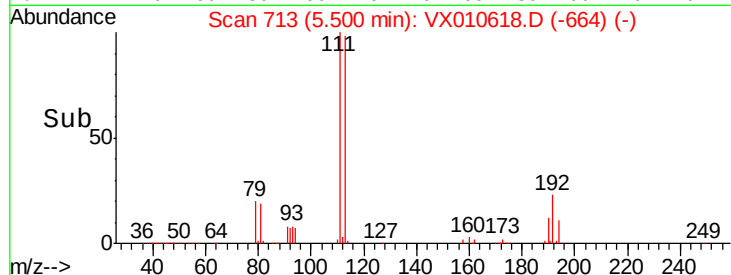
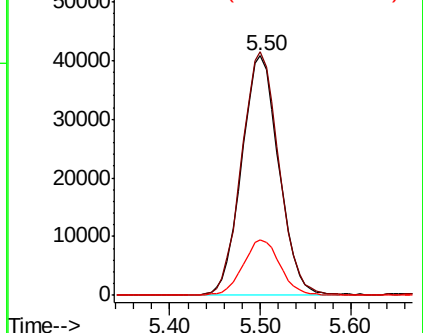
192 23.0 18.6 27.8



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: 5.139 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX010618.D

Acq: 02 Jul 2019 15:37

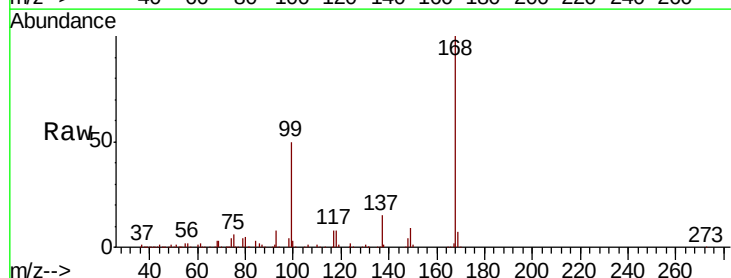
Tgt Ion: 75 Resp: 15431

Ion Ratio Lower Upper

75 100

110 10.3 20.8 62.2#

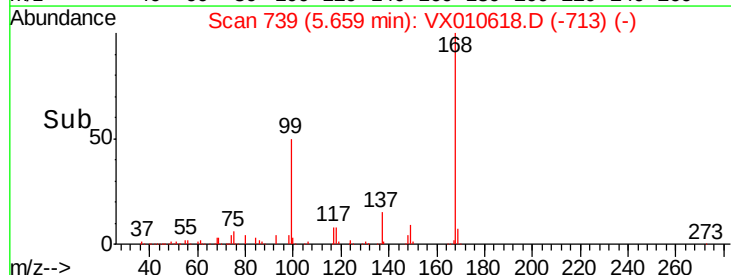
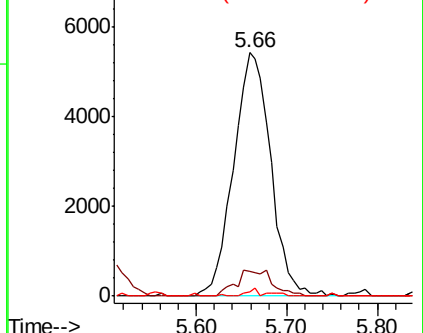
77 0.0 25.4 38.0#

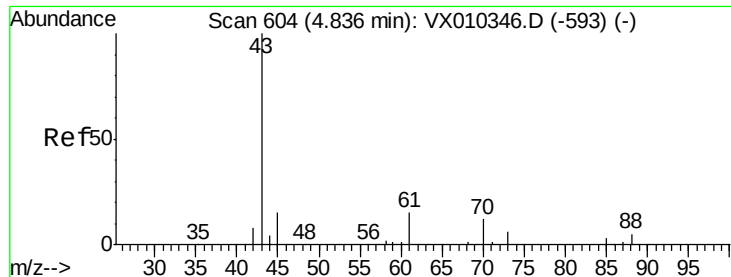


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

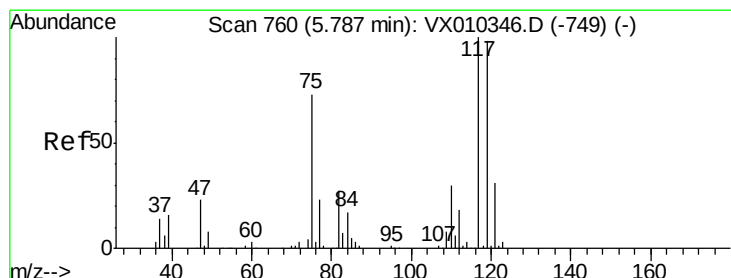
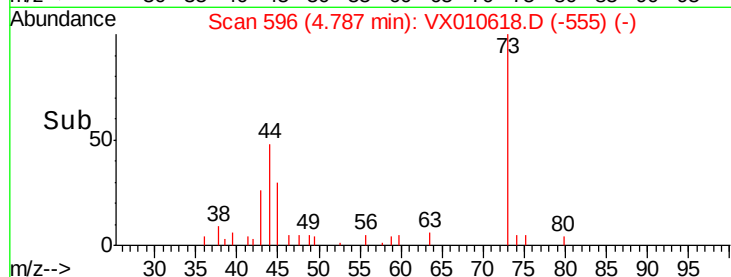
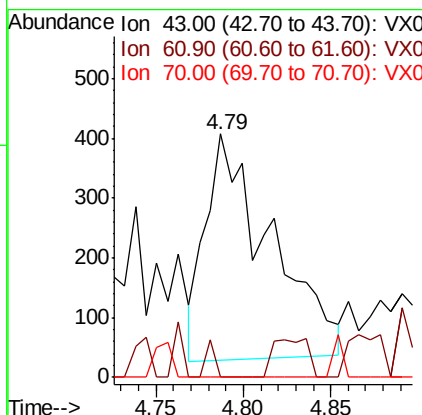
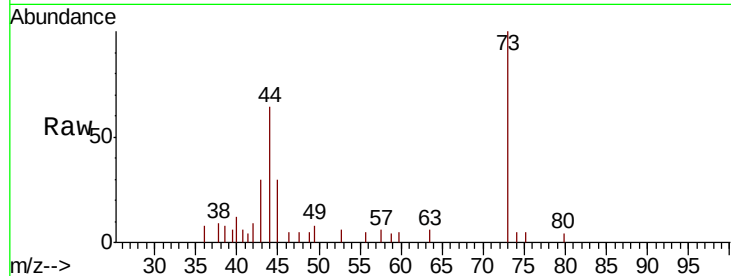




#37
Ethyl Acetate
Concen: 0.315 ug/l
RT: 4.79 min Scan# 596
Delta R.T. -0.05 min
Lab File: VX010618.D
Acq: 02 Jul 2019 15:37

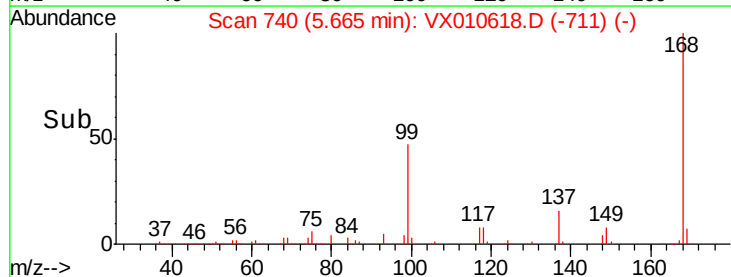
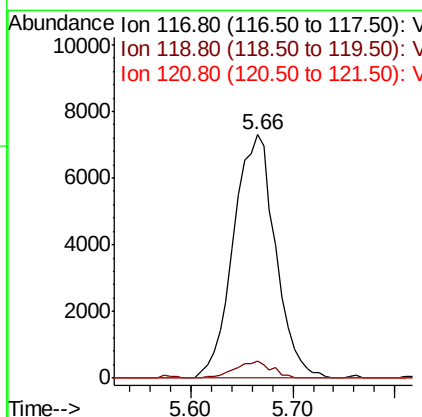
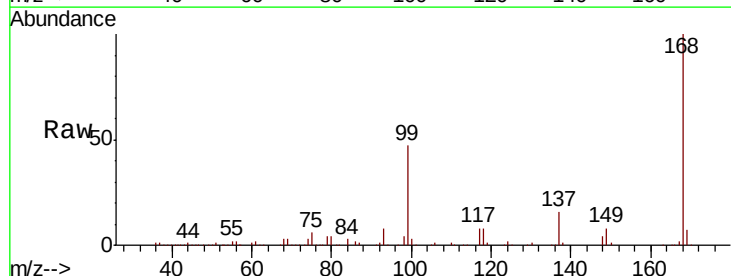
Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW27S-GW

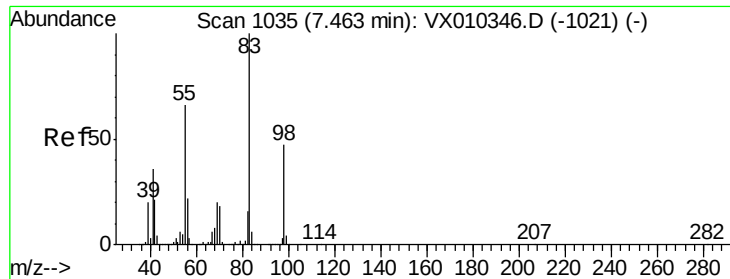
Tot Ion: 43 Resp: 974
Ion Ratio Lower Upper
43 100
61 2.4 12.4 18.6#
70 0.0 9.8 14.8#



#38
Carbon Tetrachloride
Concen: 6.409 ug/l
RT: 5.66 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX010618.D
Acq: 02 Jul 2019 15:37

Tgt Ion: 117 Resp: 20840
Ion Ratio Lower Upper
117 100
119 6.9 78.2 117.4#
121 0.0 24.7 37.1#

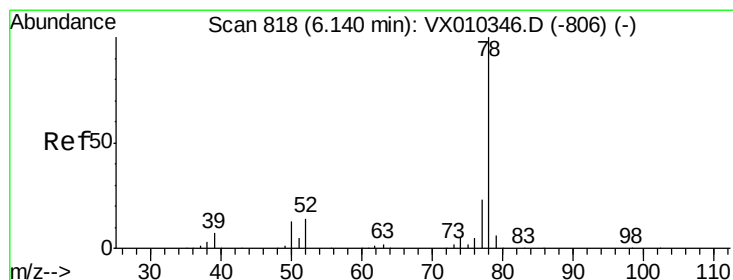
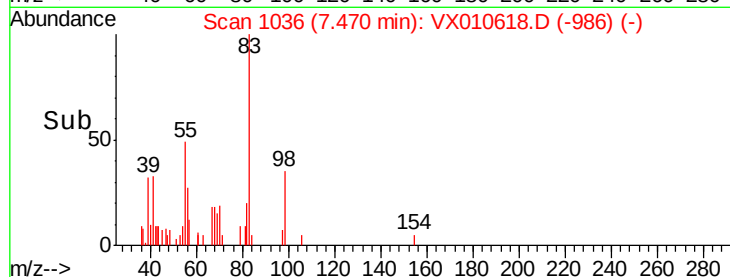
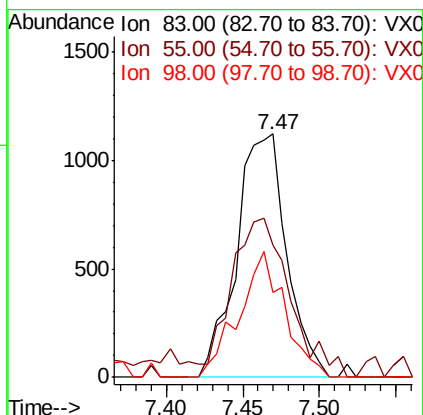
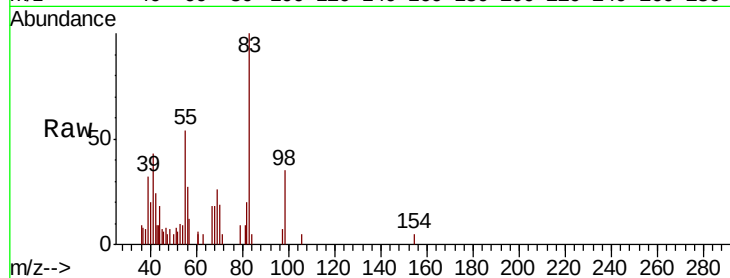




#39
Methylvlcyclohexane
Concen: 0.648 ug/l
RT: 7.47 min Scan# 1036
Delta R.T. 0.01 min
Lab File: VX010618.D
Acq: 02 Jul 2019 15:37

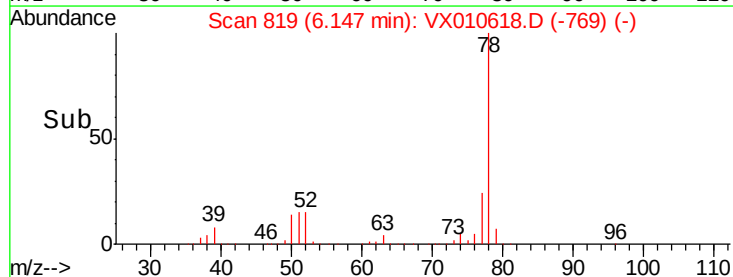
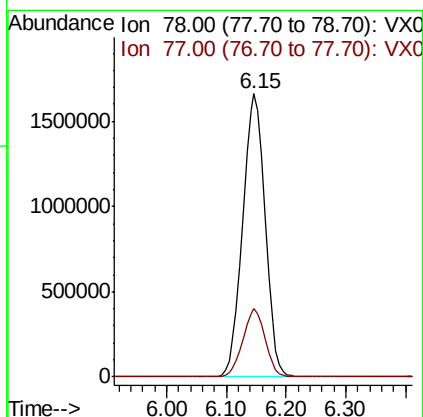
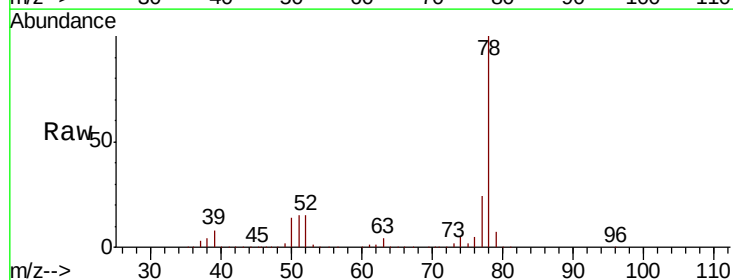
Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW27S-GW

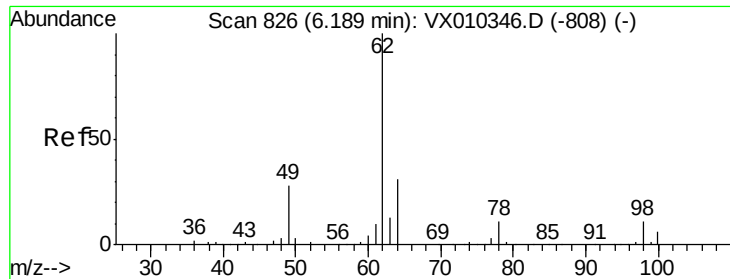
Tot Ion: 83 Resp: 2556
Ion Ratio Lower Upper
83 100
55 47.9 53.0 79.6#
98 34.6 37.8 56.8#



#40
Benzene
Concen: 466.301 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX010618.D
Acq: 02 Jul 2019 15:37

Tgt Ion: 78 Resp: 4362499
Ion Ratio Lower Upper
78 100
77 24.1 18.6 28.0

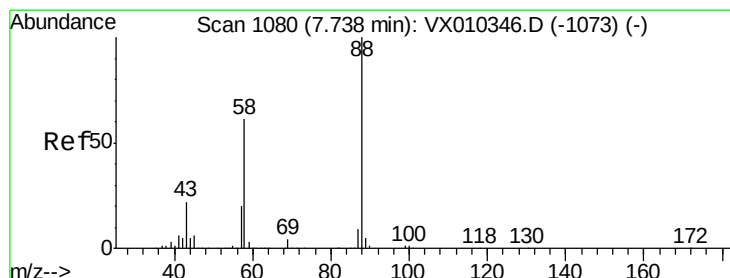
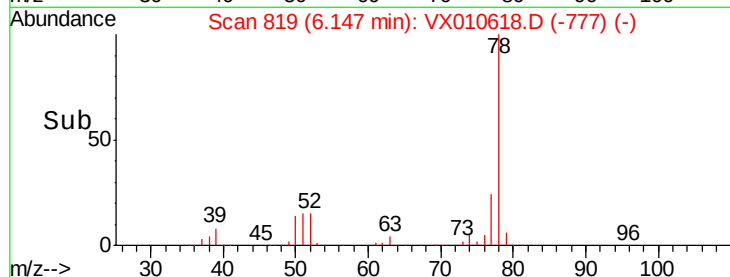
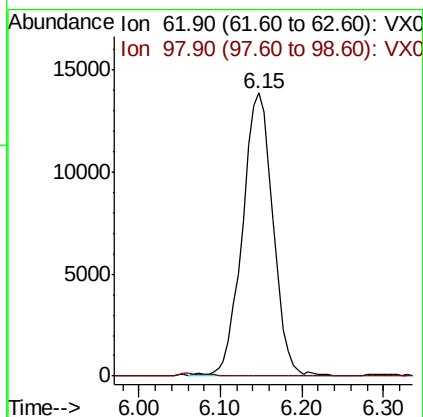
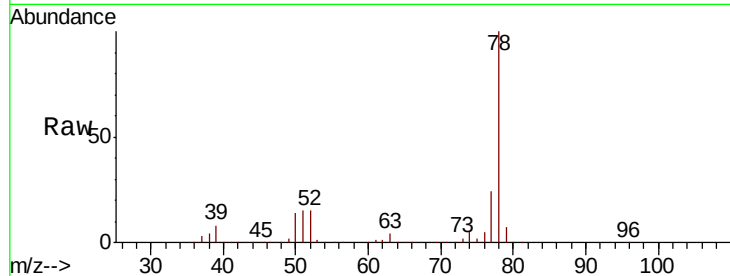




#42
 1,2-Dichloroethane
 Concen: 12.732 ug/l
 RT: 6.15 min Scan# 819
 Delta R.T. -0.04 min
 Lab File: VX010618.D
 Acq: 02 Jul 2019 15:37

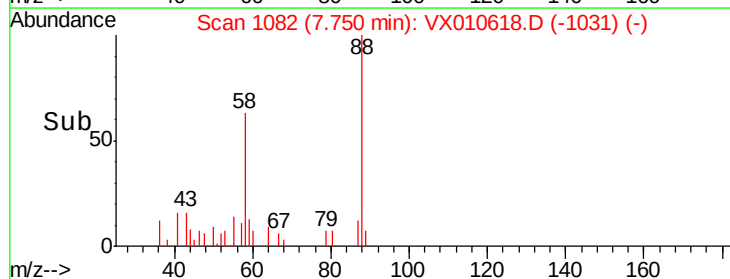
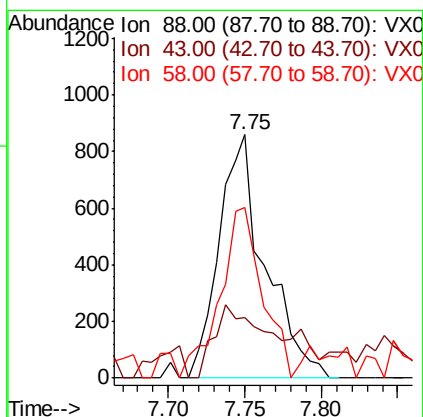
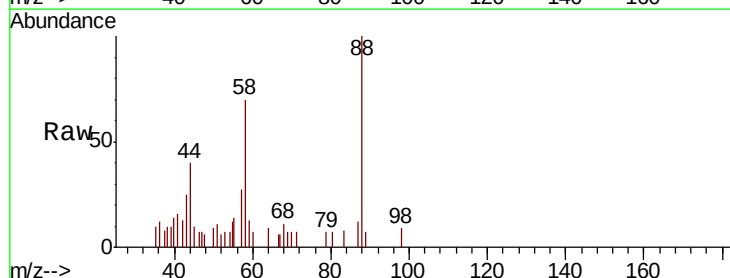
Instrument :
 MSVOA_X
 ClientSampleId :
 QNWP8-MW27S-GW

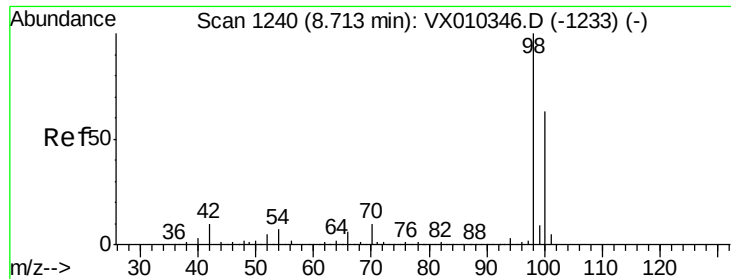
Tot Ion: 62 Resp: 36258
 Ion Ratio Lower Upper
 62 100
 98 0.0 0.0 22.2



#49
 1,4-Dioxane
 Concen: 26.271 ug/l
 RT: 7.75 min Scan# 1082
 Delta R.T. 0.01 min
 Lab File: VX010618.D
 Acq: 02 Jul 2019 15:37

Tgt Ion: 88 Resp: 1798
 Ion Ratio Lower Upper
 88 100
 43 32.3 20.2 30.2#
 58 64.2 49.5 74.3

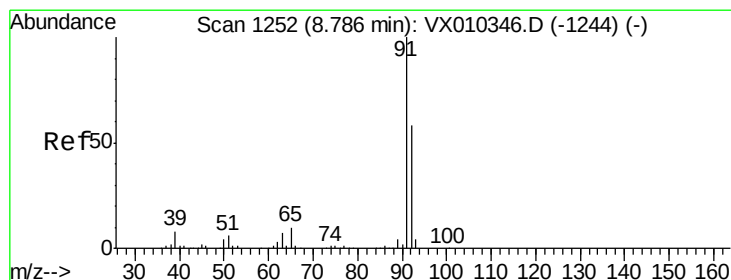
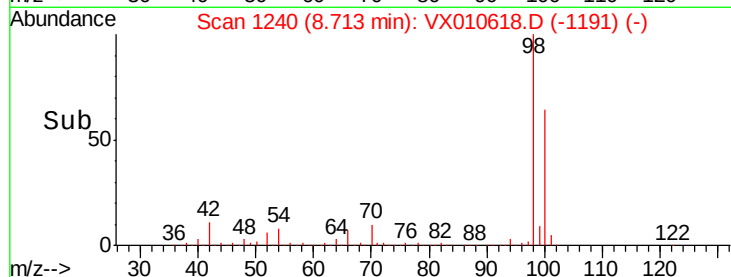
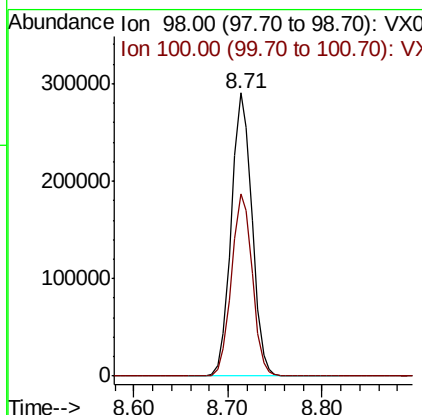
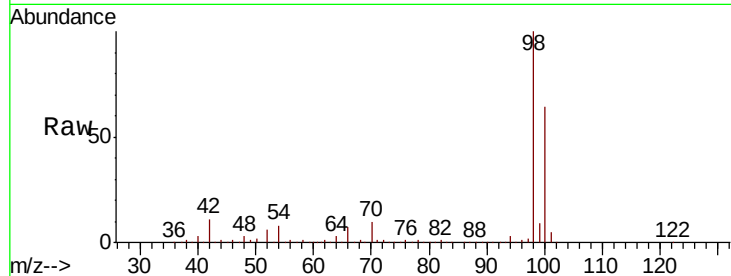




#50
Toluene-d8
Concen: 50.217 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX010618.D
Acq: 02 Jul 2019 15:37

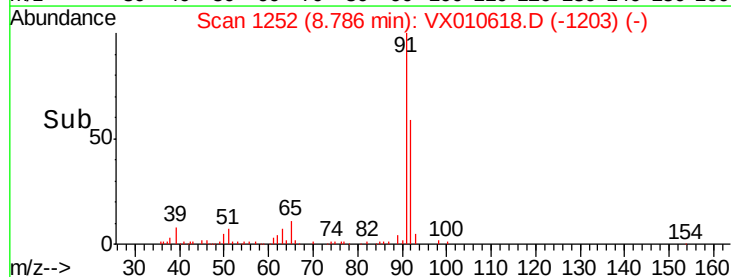
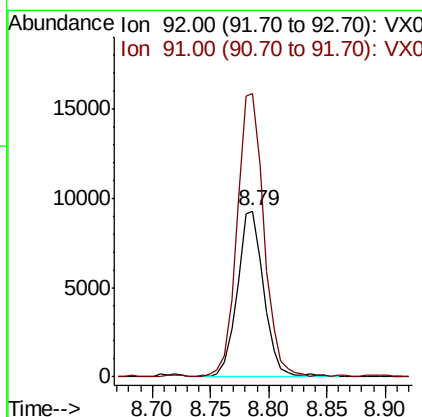
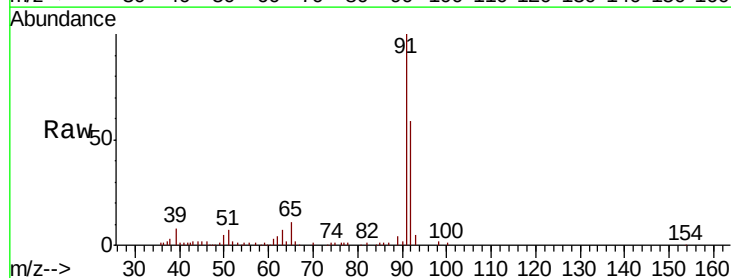
Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW27S-GW

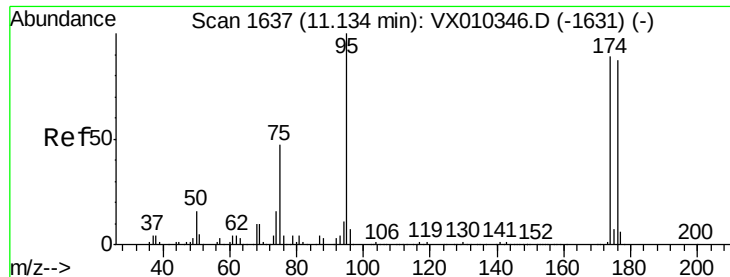
Tot Ion: 98 Resp: 444197
Ion Ratio Lower Upper
98 100
100 64.5 51.6 77.4



#52
Toluene
Concen: 2.394 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX010618.D
Acq: 02 Jul 2019 15:37

Tgt Ion: 92 Resp: 14750
Ion Ratio Lower Upper
92 100
91 173.3 139.8 209.6





#62

4-Bromofluorobenzene

Concen: 49.606 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX010618.D

Acq: 02 Jul 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

QNWP8-MW27S-GW

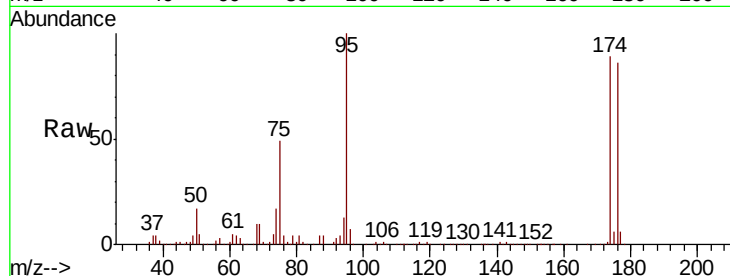
Tot Ion: 95 Resp: 158417

Ion Ratio Lower Upper

95 100

174 94.5 0.0 187.6

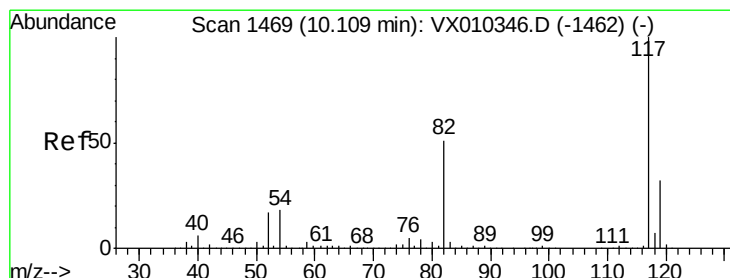
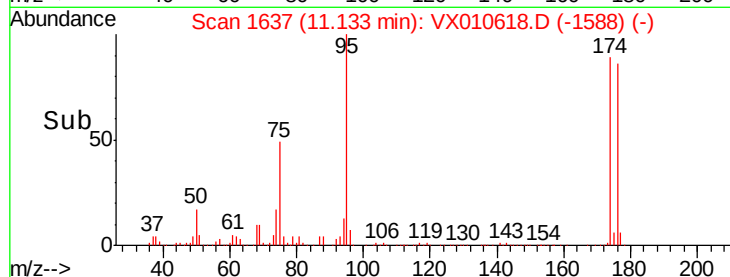
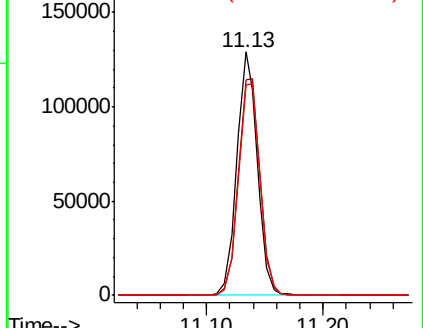
176 92.1 0.0 184.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX010618.D

Acq: 02 Jul 2019 15:37

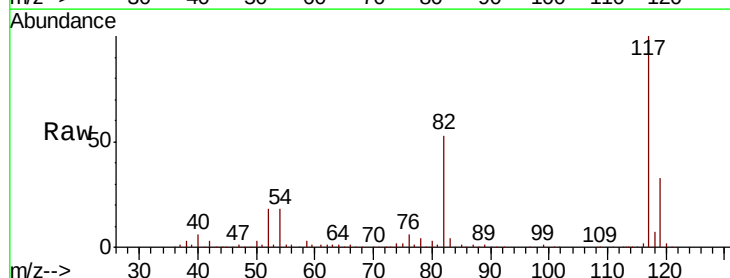
Tgt Ion: 117 Resp: 344819

Ion Ratio Lower Upper

117 100

82 52.5 41.2 61.8

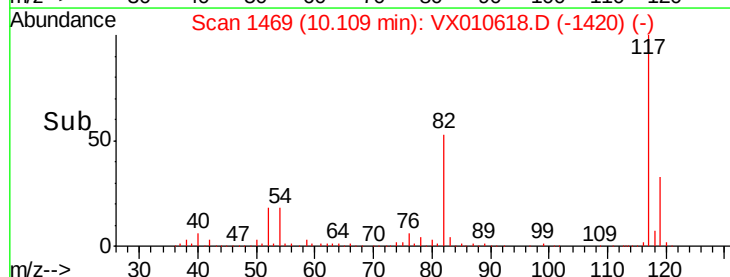
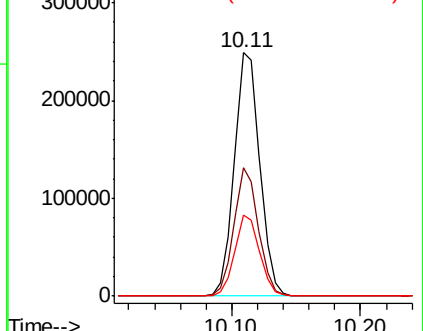
119 33.1 25.5 38.3

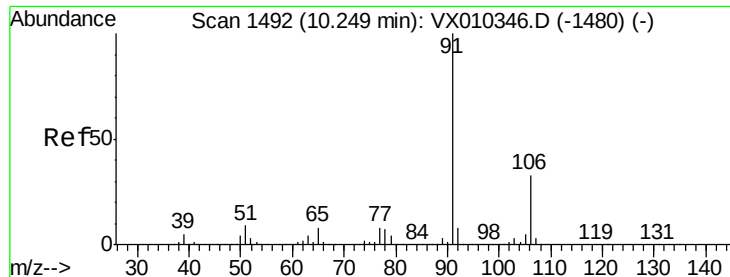


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

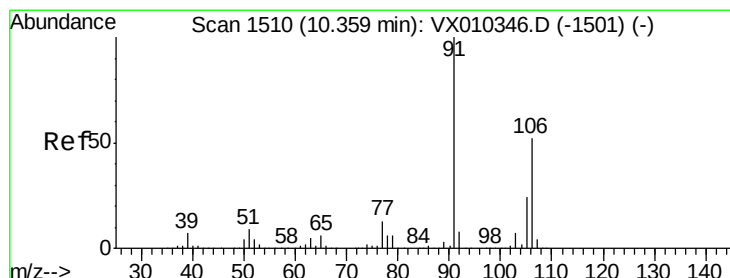
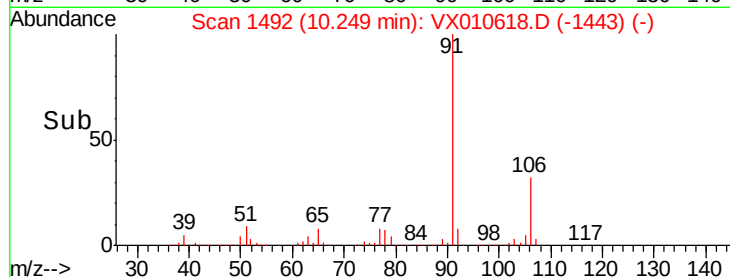
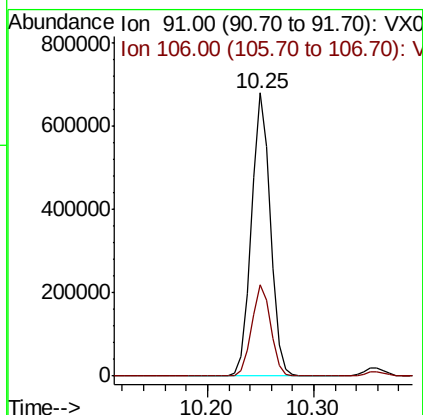
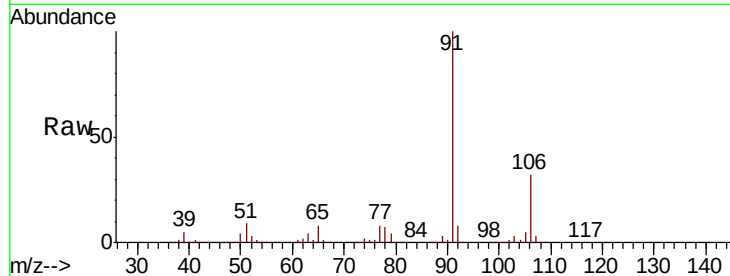




#67
Ethyl Benzene
Concen: 71.714 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010618.D
Acq: 02 Jul 2019 15:37

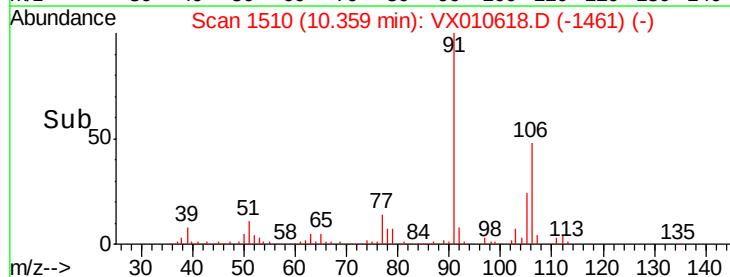
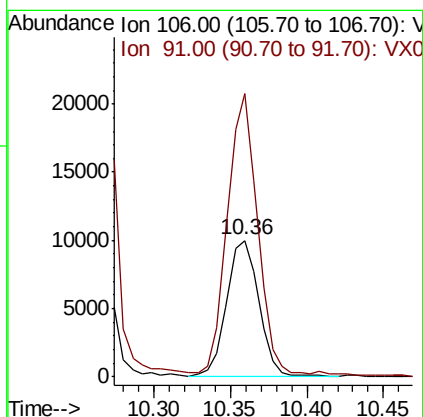
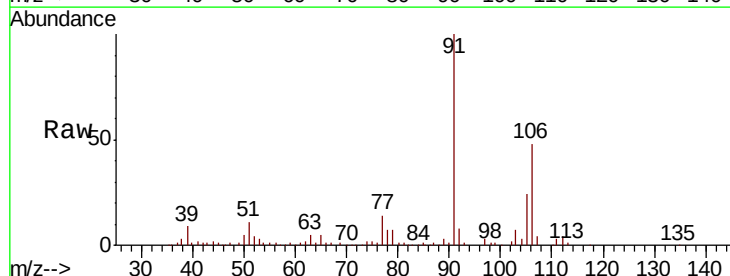
Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW27S-GW

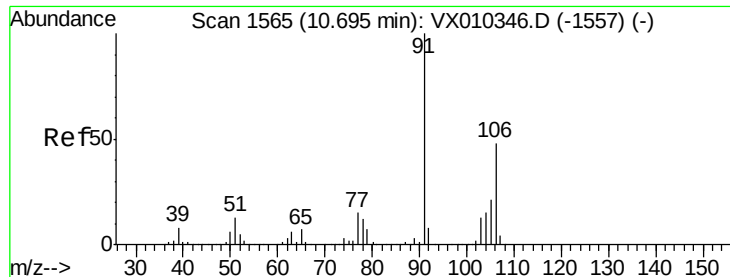
Tot Ion: 91 Resp: 847538
Ion Ratio Lower Upper
91 100
106 32.3 26.2 39.2



#68
m/p-Xylenes
Concen: 3.149 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX010618.D
Acq: 02 Jul 2019 15:37

Tgt Ion: 106 Resp: 14418
Ion Ratio Lower Upper
106 100
91 193.2 155.3 232.9

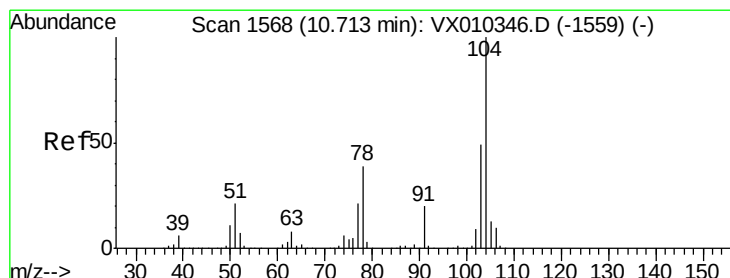
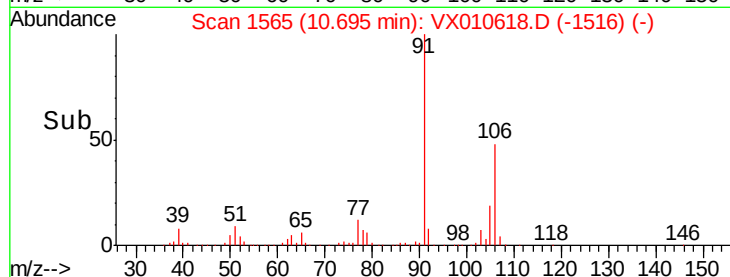
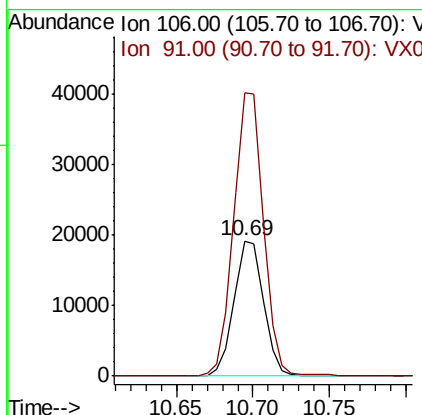
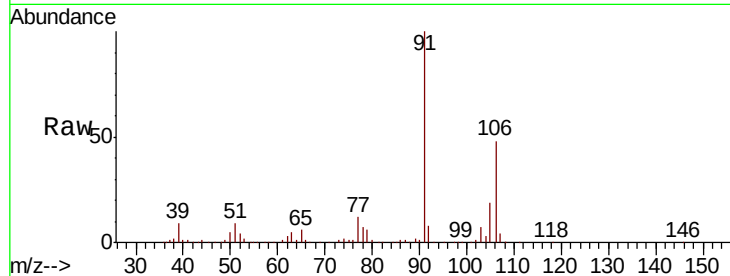




#69
o-Xylene
Concen: 5.724 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX010618.D
Acq: 02 Jul 2019 15:37

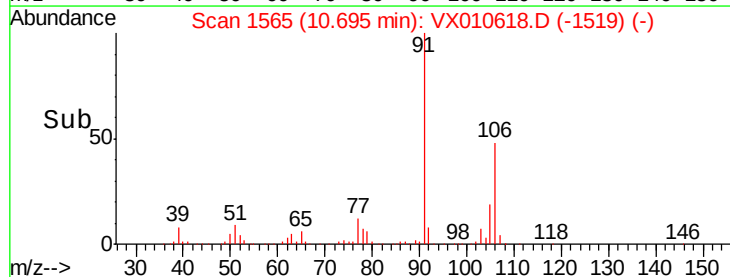
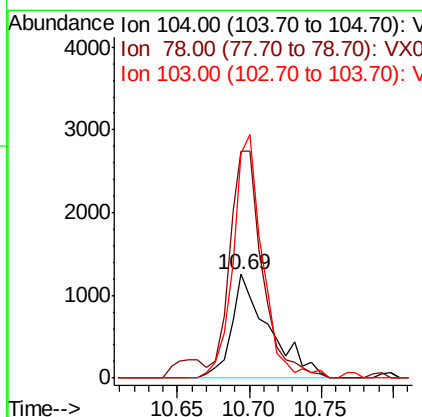
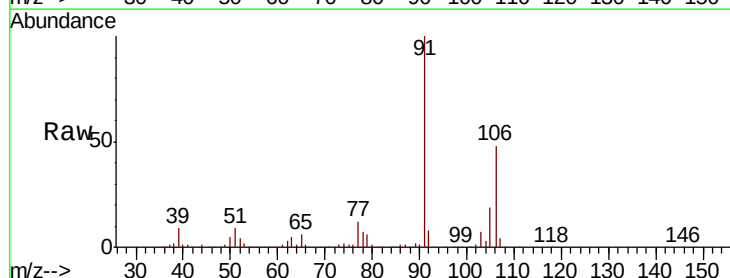
Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW27S-GW

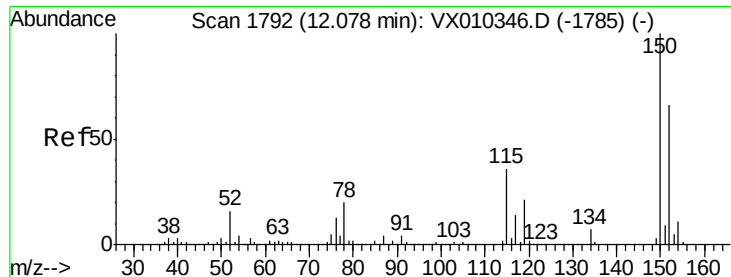
Tot Ion:106 Resp: 25775
Ion Ratio Lower Upper
106 100
91 211.2 102.7 308.1



#70
Styrene
Concen: 0.303 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.02 min
Lab File: VX010618.D
Acq: 02 Jul 2019 15:37

Tgt Ion:104 Resp: 2286
Ion Ratio Lower Upper
104 100
78 190.7 36.2 54.2#
103 183.6 44.2 66.4#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX010618.D

Acq: 02 Jul 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

QNWP8-MW27S-GW

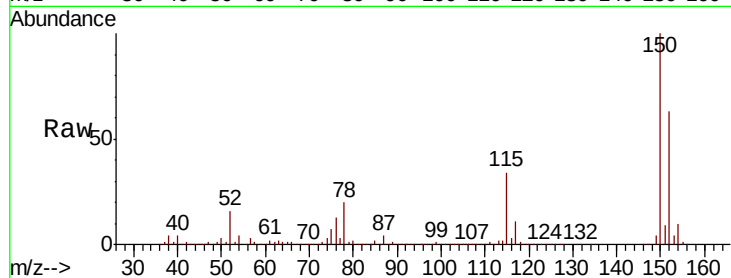
Tot Ion:152 Resp: 171315

Ion Ratio Lower Upper

152 100

115 54.7 38.6 115.7

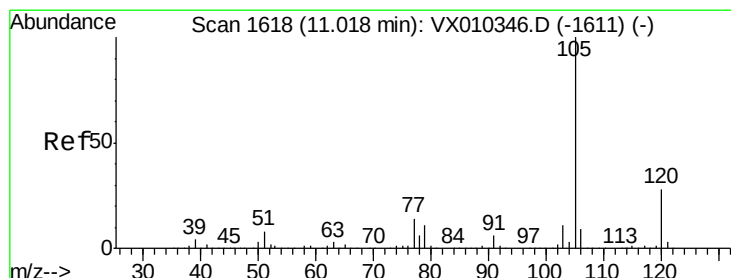
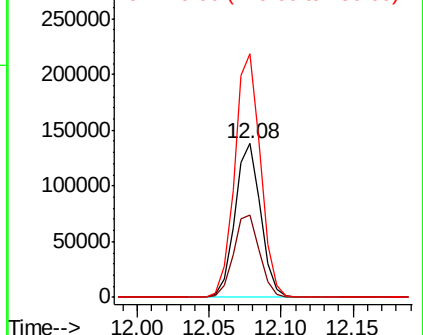
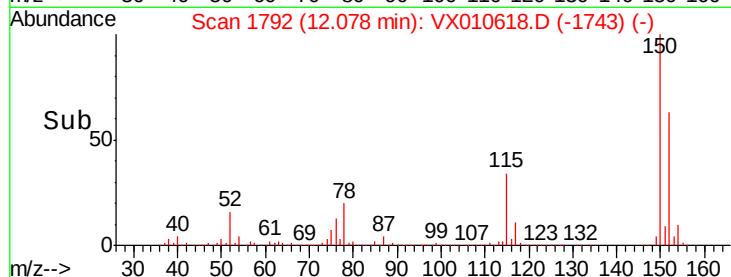
150 159.5 0.0 347.4



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: 13.584 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX010618.D

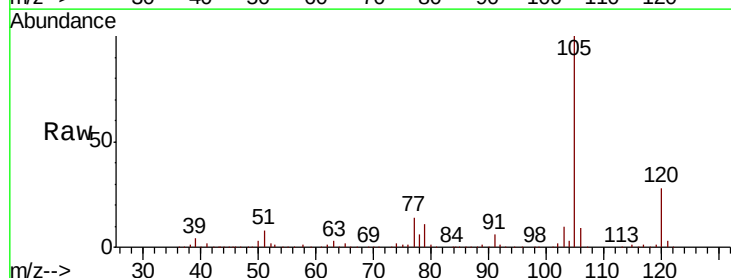
Acq: 02 Jul 2019 15:37

Tgt Ion:105 Resp: 157755

Ion Ratio Lower Upper

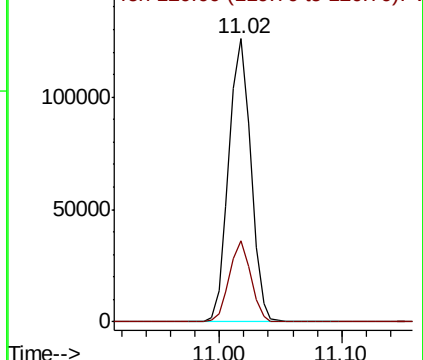
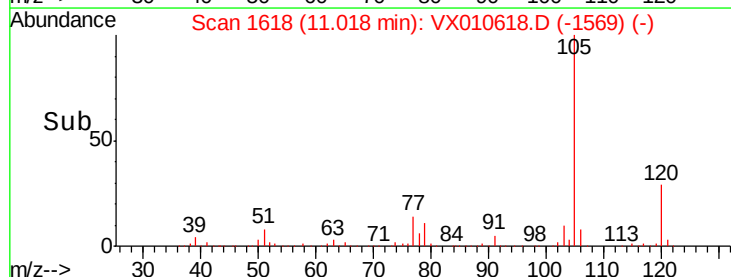
105 100

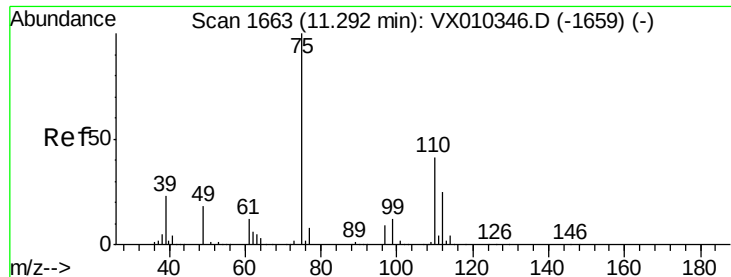
120 28.0 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#76

1,2,3-Trichloropropane

Concen: 24.688 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX010618.D

Acq: 02 Jul 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

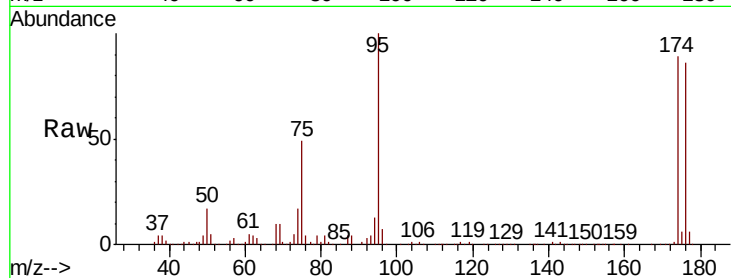
QNWP8-MW27S-GW

Tot Ion: 75 Resp: 77072

Ion Ratio Lower Upper

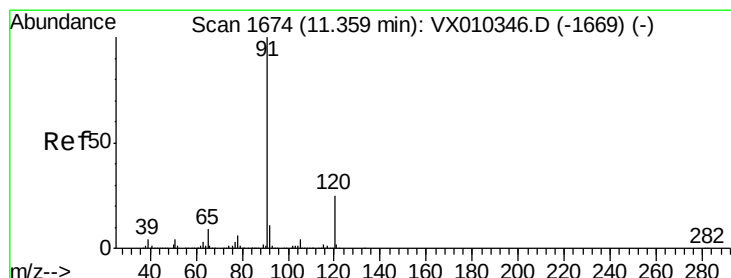
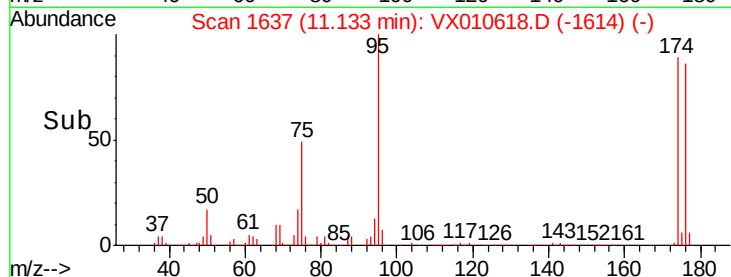
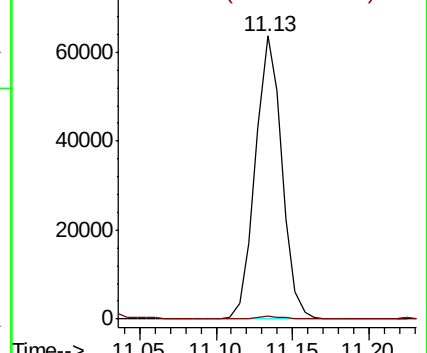
75 100

77 1.3 22.6 67.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#78

n-propylbenzene

Concen: 3.194 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010618.D

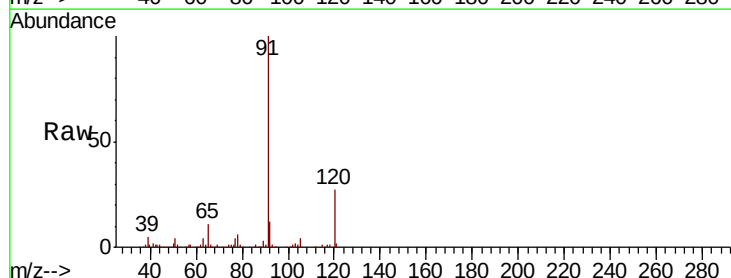
Acq: 02 Jul 2019 15:37

Tgt Ion: 91 Resp: 40762

Ion Ratio Lower Upper

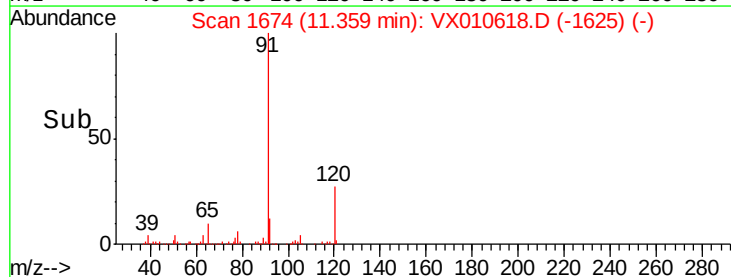
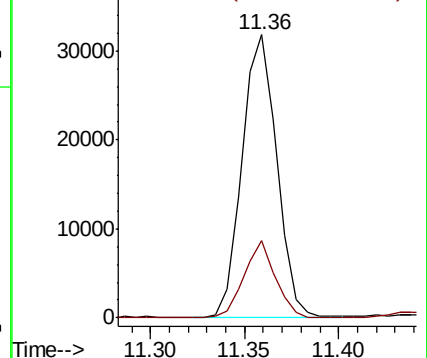
91 100

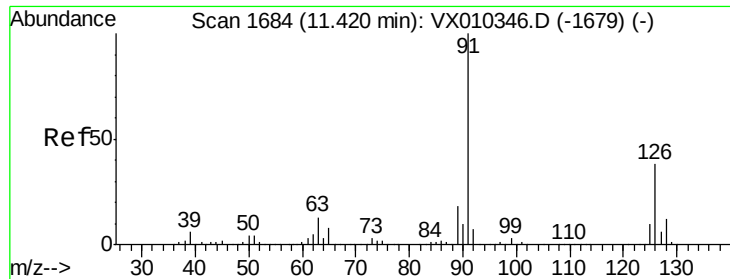
120 24.8 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

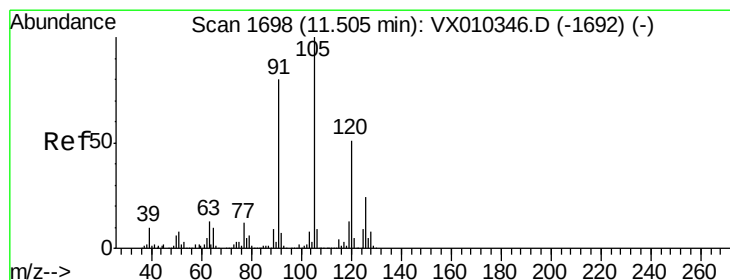
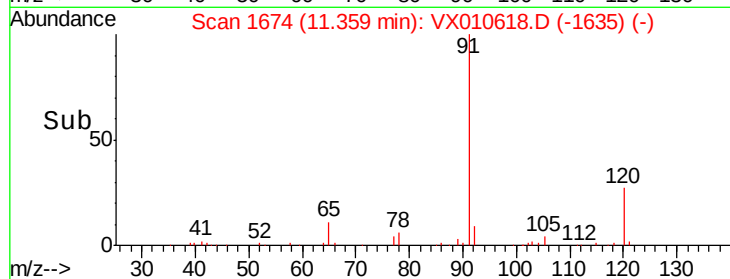
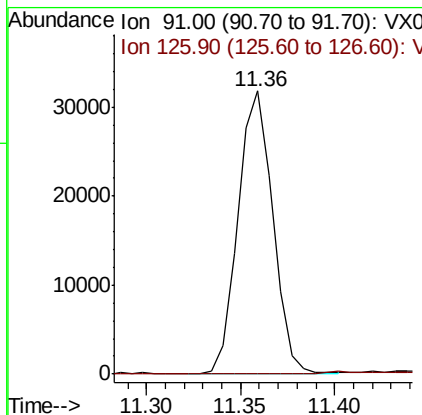
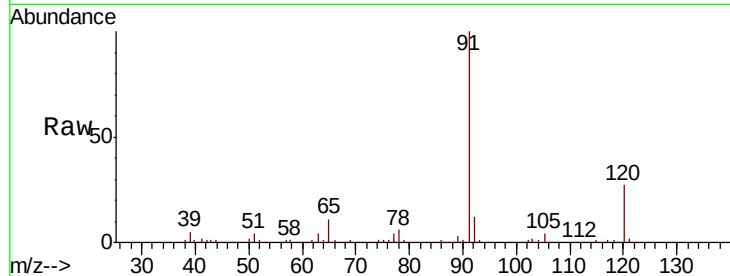




#79
 2-Chlorotoluene
 Concen: 5.363 ug/l
 RT: 11.36 min Scan# 1674
 Delta R.T. -0.06 min
 Lab File: VX010618.D
 Acq: 02 Jul 2019 15:37

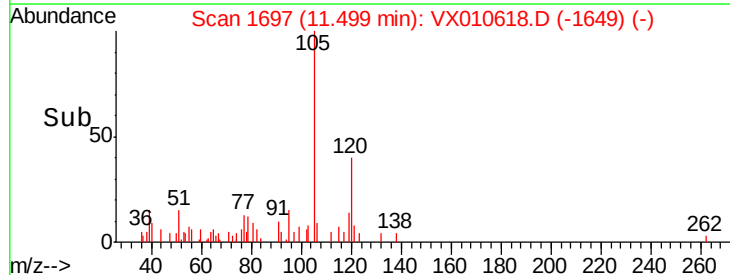
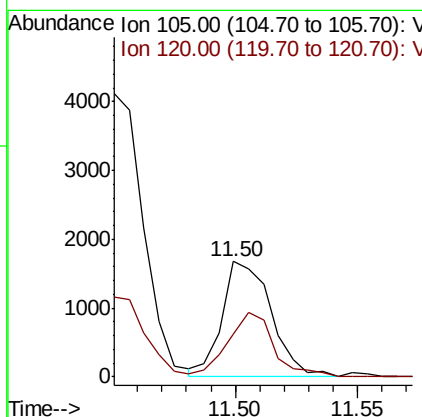
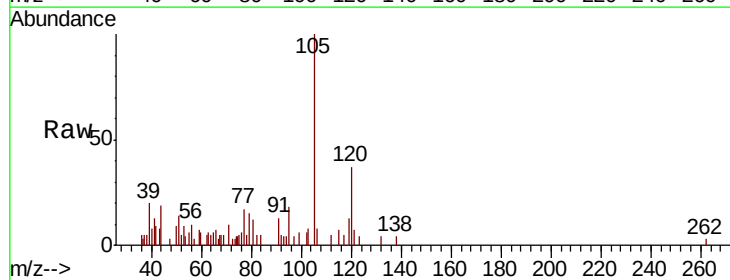
Instrument :
 MSVOA_X
 ClientSampleId :
 QNWP8-MW27S-GW

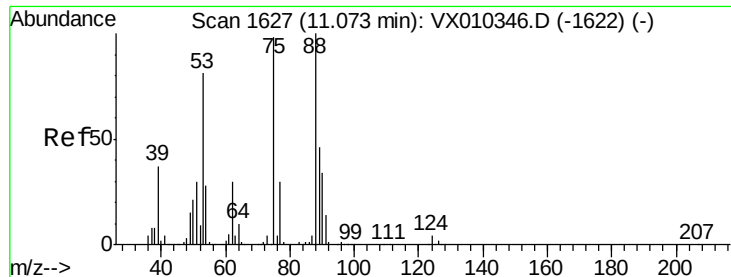
Tot Ion: 91 Resp: 40762
 Ion Ratio Lower Upper
 91 100
 126 0.0 18.7 56.1#



#80
 1,3,5-Trimethylbenzene
 Concen: 0.247 ug/l
 RT: 11.50 min Scan# 1697
 Delta R.T. -0.01 min
 Lab File: VX010618.D
 Acq: 02 Jul 2019 15:37

Tgt Ion: 105 Resp: 2360
 Ion Ratio Lower Upper
 105 100
 120 52.2 25.2 75.6

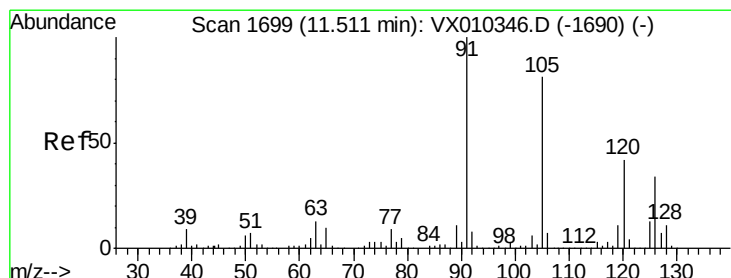
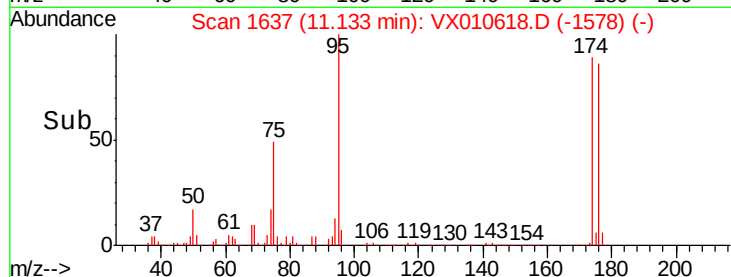
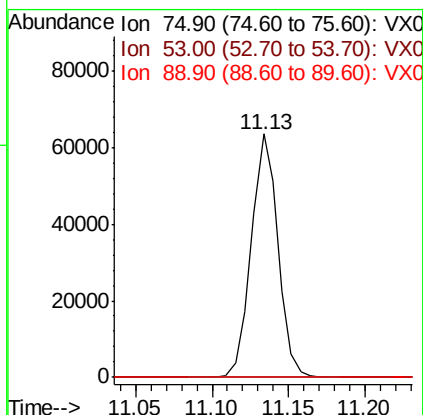
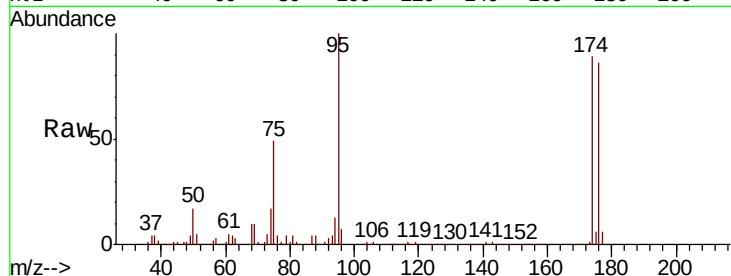




#81
trans-1,4-Dichloro-2-butene
Concen: 57.595 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX010618.D
Acq: 02 Jul 2019 15:37

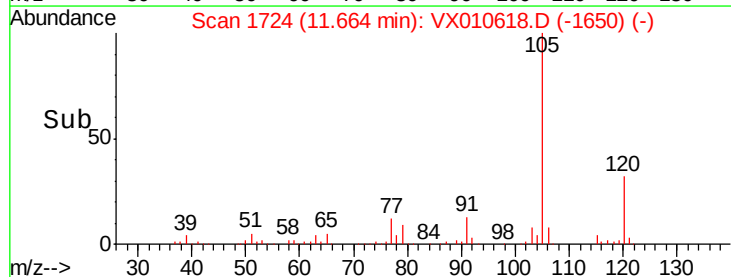
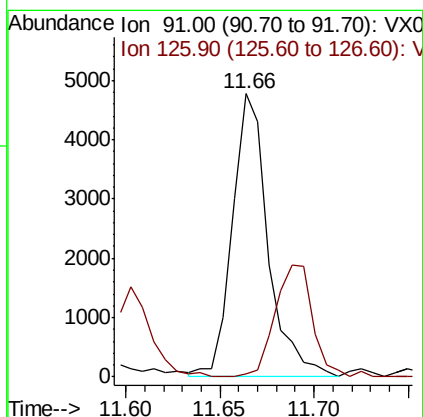
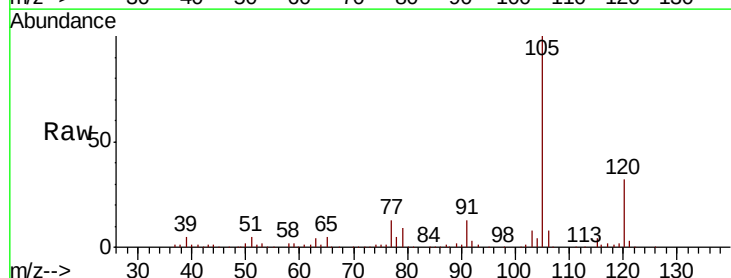
Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW27S-GW

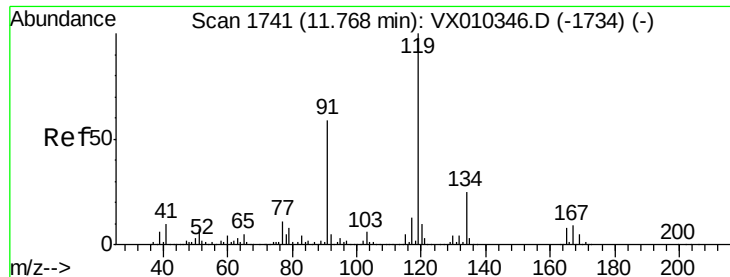
Tot Ion: 75 Resp: 77072
Ion Ratio Lower Upper
75 100
53 0.3 66.1 99.1#
89 0.0 37.8 56.6#



#82
4-Chlorotoluene
Concen: 0.725 ug/l
RT: 11.66 min Scan# 1724
Delta R.T. 0.15 min
Lab File: VX010618.D
Acq: 02 Jul 2019 15:37

Tgt Ion: 91 Resp: 6274
Ion Ratio Lower Upper
91 100
126 0.0 16.2 48.6#

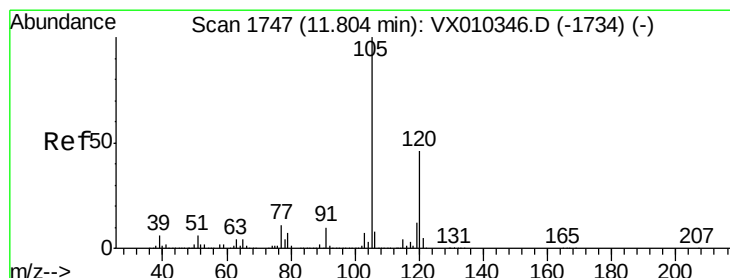
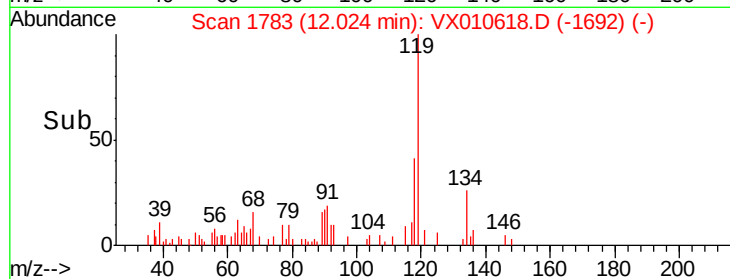
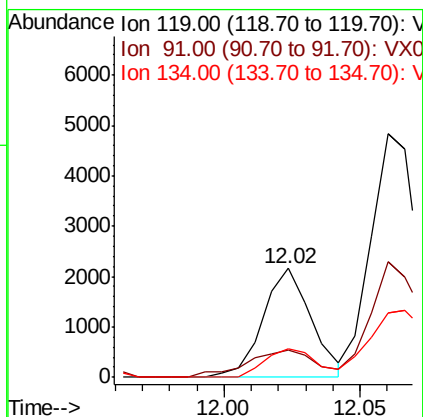
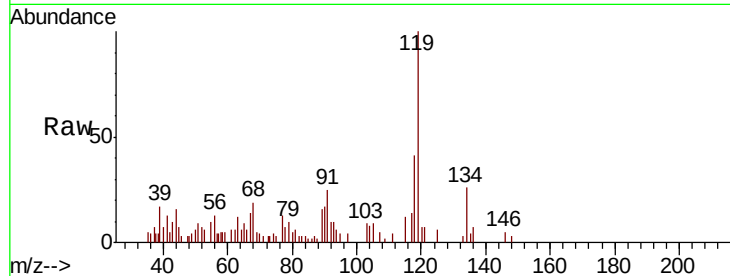




#83
 tert-Butylbenzene
 Concen: 0.278 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.26 min
 Lab File: VX010618.D
 Acq: 02 Jul 2019 15:37

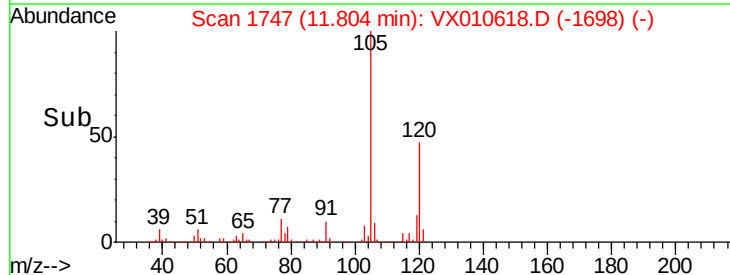
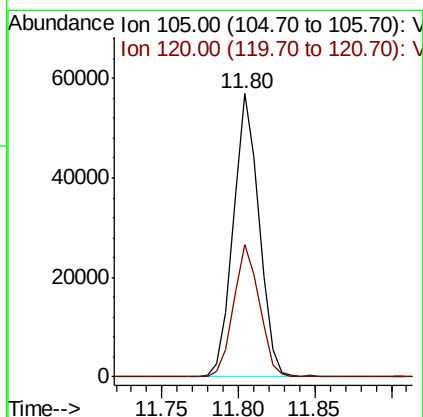
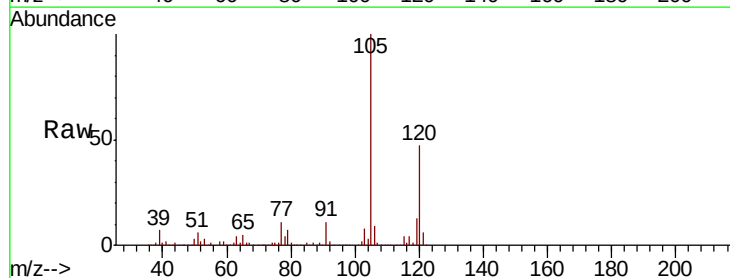
Instrument :
 MSVOA_X
 ClientSampleId :
 QNWP8-MW27S-GW

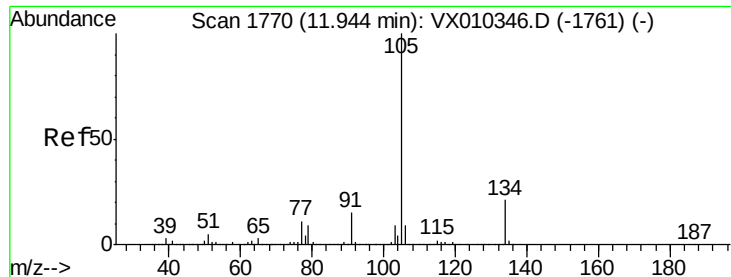
Tot Ion:119 Resp: 2668
 Ion Ratio Lower Upper
 119 100
 91 36.0 27.6 82.7
 134 28.2 11.8 35.4



#84
 1,2,4-Trimethylbenzene
 Concen: 6.945 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX010618.D
 Acq: 02 Jul 2019 15:37

Tgt Ion:105 Resp: 66801
 Ion Ratio Lower Upper
 105 100
 120 46.6 23.1 69.2





#85

sec-Butylbenzene

Concen: 5.921 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.14 min

Lab File: VX010618.D

Acq: 02 Jul 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

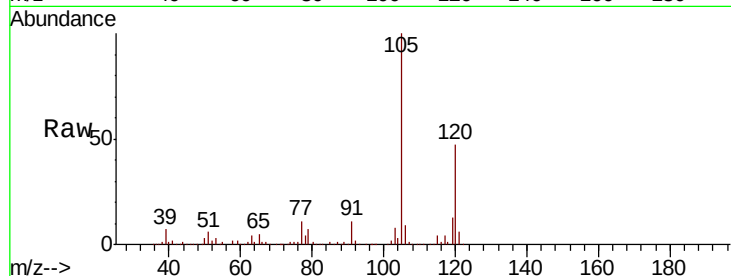
QNWP8-MW27S-GW

Tot Ion:105 Resp: 66801

Ion Ratio Lower Upper

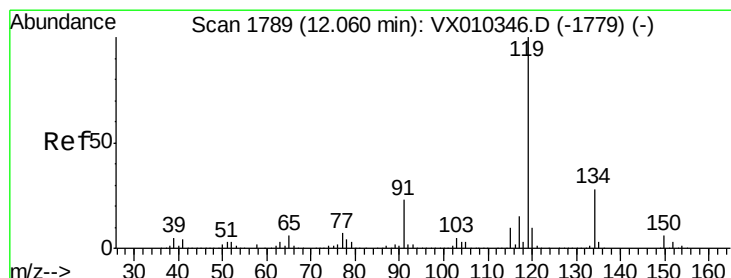
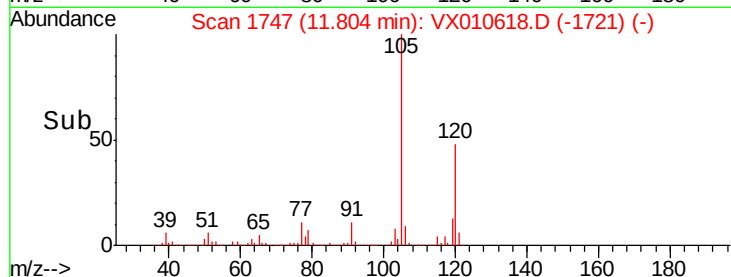
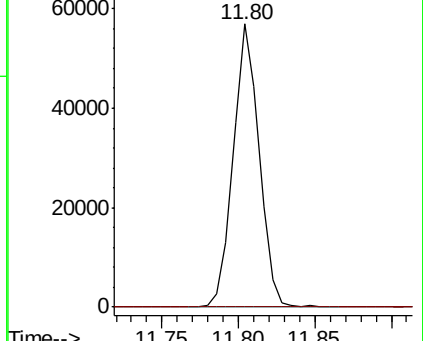
105 100

134 0.0 10.7 31.9#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.568 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010618.D

Acq: 02 Jul 2019 15:37

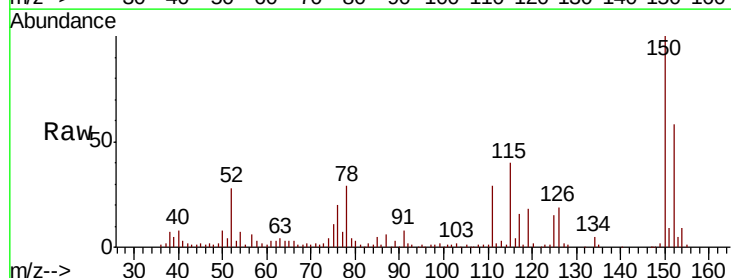
Tgt Ion:119 Resp: 5930

Ion Ratio Lower Upper

119 100

134 34.2 13.7 41.1

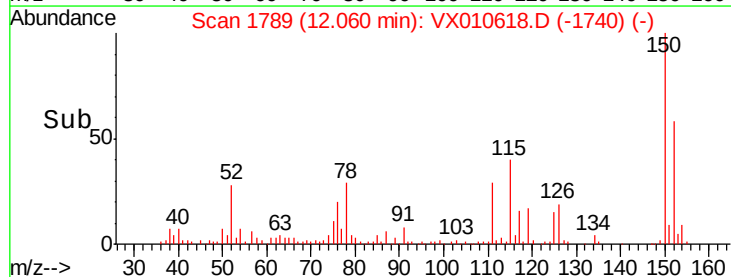
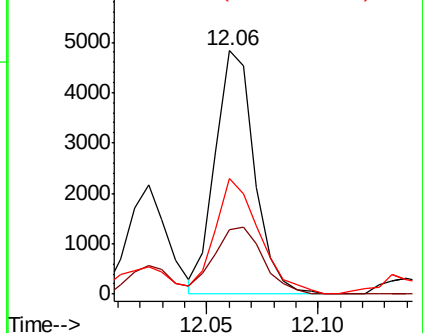
91 0.0 11.3 33.8#

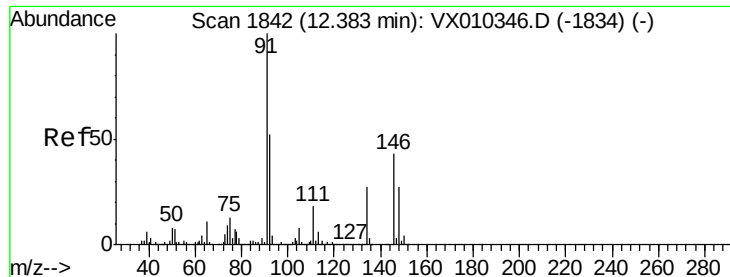


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#89

n-Butylbenzene

Concen: 17.638 ug/l

RT: 12.30 min Scan# 1828

Delta R.T. -0.09 min

Lab File: VX010618.D

Acq: 02 Jul 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

QNWP8-MW27S-GW

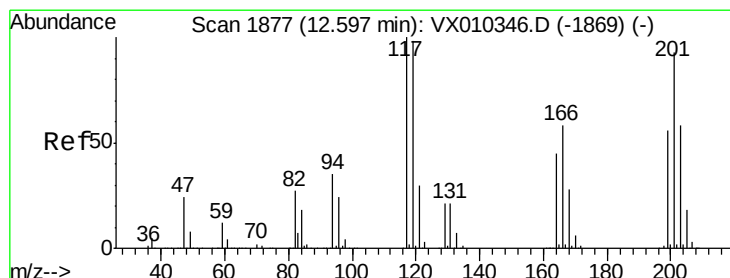
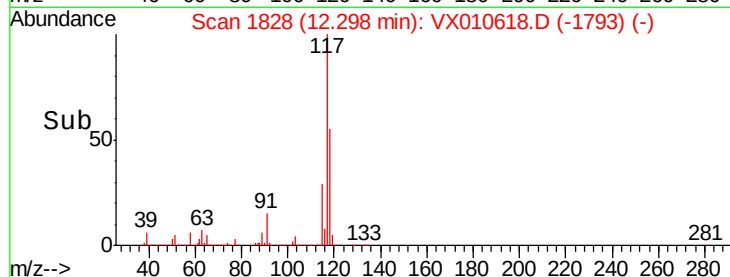
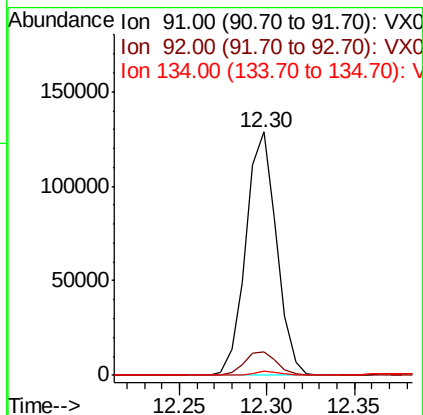
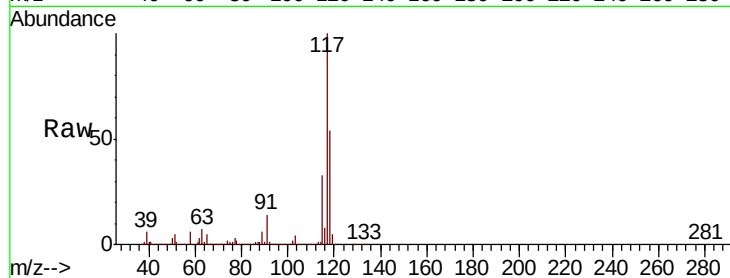
Tot Ion: 91 Resp: 156411

Ion Ratio Lower Upper

91 100

92 10.4 26.2 78.5#

134 1.7 14.1 42.4#



#90

Hexachloroethane

Concen: 53.465 ug/l

RT: 12.76 min Scan# 1903

Delta R.T. 0.16 min

Lab File: VX010618.D

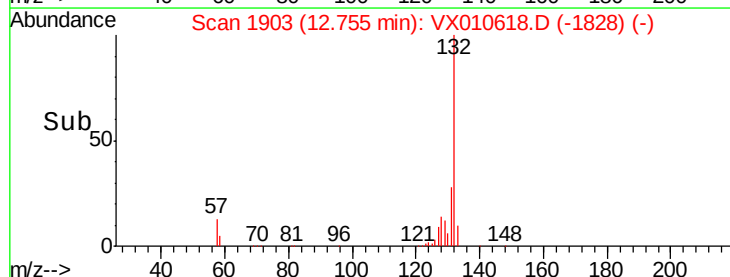
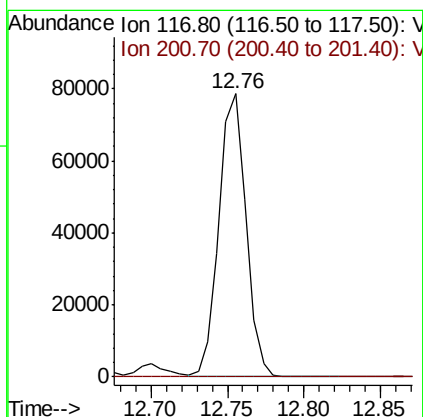
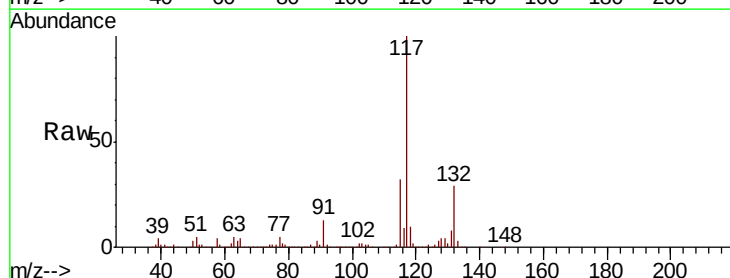
Acq: 02 Jul 2019 15:37

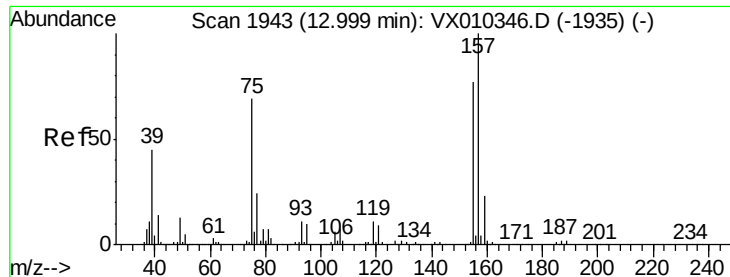
Tgt Ion: 117 Resp: 96474

Ion Ratio Lower Upper

117 100

201 0.0 44.0 131.8#





#92

1,2-Dibromo-3-Chloropropane

Concen: 31.065 ug/l

RT: 13.02 min Scan# 1946

Delta R.T. 0.02 min

Lab File: VX010618.D

Acq: 02 Jul 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

QNWP8-MW27S-GW

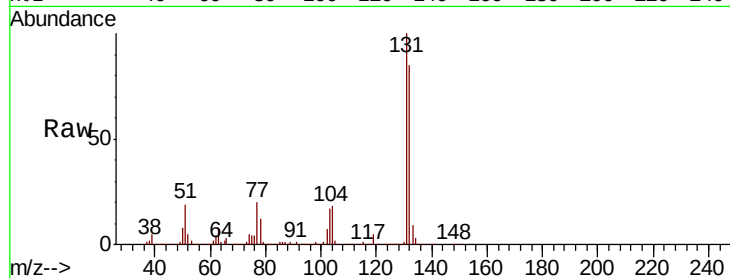
Tot Ion: 75 Resp: 25759

Ion Ratio Lower Upper

75 100

155 0.0 54.4 163.1#

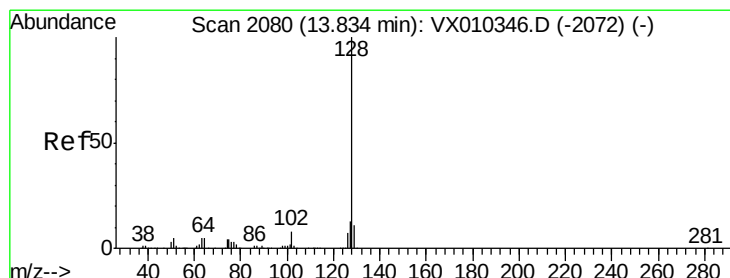
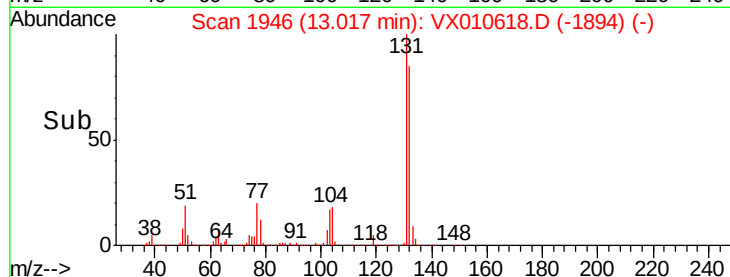
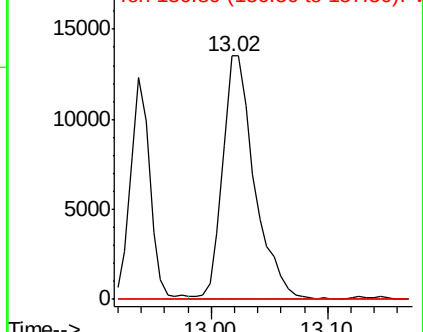
157 0.0 69.5 208.3#



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: 115.045 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX010618.D

Acq: 02 Jul 2019 15:37

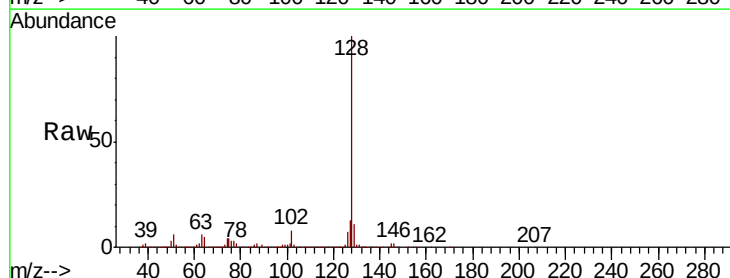
Tgt Ion: 128 Resp: 1379264

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

129 11.0 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

