

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092519\
 Data File : VX012656.D
 Acq On : 25 Sep 2019 13:08
 Operator : JC/SP
 Sample : K5019-03 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 QNWP8-MW26S-GW

Quant Time: Sep 25 23:05:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	169313	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	293318	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	246598	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	101869	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	121107	49.12	ug/l	0.00
Spiked Amount			Recovery	=	98.24%	
35) Dibromofluoromethane	5.49	113	87894	50.32	ug/l	0.00
Spiked Amount			Recovery	=	100.64%	
50) Toluene-d8	8.71	98	345156	51.31	ug/l	0.00
Spiked Amount			Recovery	=	102.62%	
62) 4-Bromofluorobenzene	11.14	95	124426	47.04	ug/l	0.00
Spiked Amount			Recovery	=	94.08%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.31	50	5739	2.624	ug/l #	53
5) Bromomethane	1.65	94	582	0.681	ug/l #	37
6) Chloroethane	1.93	64	4082	2.785	ug/l #	46
10) Methyl Iodide	2.51	142	550	5.206	ug/l #	93
11) Tert butyl alcohol	3.01	59	7061	11.464	ug/l #	73
13) Acrolein	2.28	56	112	10.546	ug/l #	15
15) Acrylonitrile	3.14	53	293	0.234	ug/l #	71
16) Acetone	2.43	43	2550	1.953	ug/l	91
17) Carbon Disulfide	2.56	76	4920	0.964	ug/l #	92
20) Methylene Chloride	2.85	84	991	0.449	ug/l #	78
25) 2-Butanone	4.69	43	1240	0.662	ug/l	98
31) Cyclohexane	5.57	56	1849	0.539	ug/l	86
36) 1,1-Dichloropropene	5.65	75	15437	5.460	ug/l #	50
38) Carbon Tetrachloride	5.65	117	19399	6.754	ug/l #	16
39) Methylcyclohexane	7.47	83	1825	0.536	ug/l #	66
40) Benzene	6.14	78	1019729	122.583	ug/l	99
42) 1,2-Dichloroethane	6.14	62	9629	3.048	ug/l #	75
52) Toluene	8.78	92	106958	20.457	ug/l	100
55) 1,1,2-Trichloroethane	9.07	97	4067	1.957	ug/l #	18
67) Ethyl Benzene	10.25	91	314517	33.394	ug/l	97
68) m/p-Xylenes	10.35	106	172559	48.909	ug/l	97
69) o-Xylene	10.70	106	118601	34.740	ug/l	97
70) Styrene	10.70	104	6437	1.125	ug/l #	1
73) Isopropylbenzene	11.01	105	12971	1.563	ug/l	97
76) 1,2,3-Trichloropropane	11.14	75	65150	24.177	ug/l #	38
78) n-propylbenzene	11.35	91	6189	0.663	ug/l	98
79) 2-Chlorotoluene	11.43	91	7778	1.335	ug/l #	55
80) 1,3,5-Trimethylbenzene	11.50	105	35204	5.060	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.14	75	65150	69.286	ug/l #	8
82) 4-Chlorotoluene	11.50	91	5336	0.803	ug/l #	54
83) tert-Butylbenzene	11.81	119	11070	1.649	ug/l #	50
84) 1,2,4-Trimethylbenzene	11.80	105	93900	13.379	ug/l	100
85) sec-Butylbenzene	11.80	105	93900	12.029	ug/l #	57
86) p-Isopropyltoluene	12.06	119	3509	0.498	ug/l #	80

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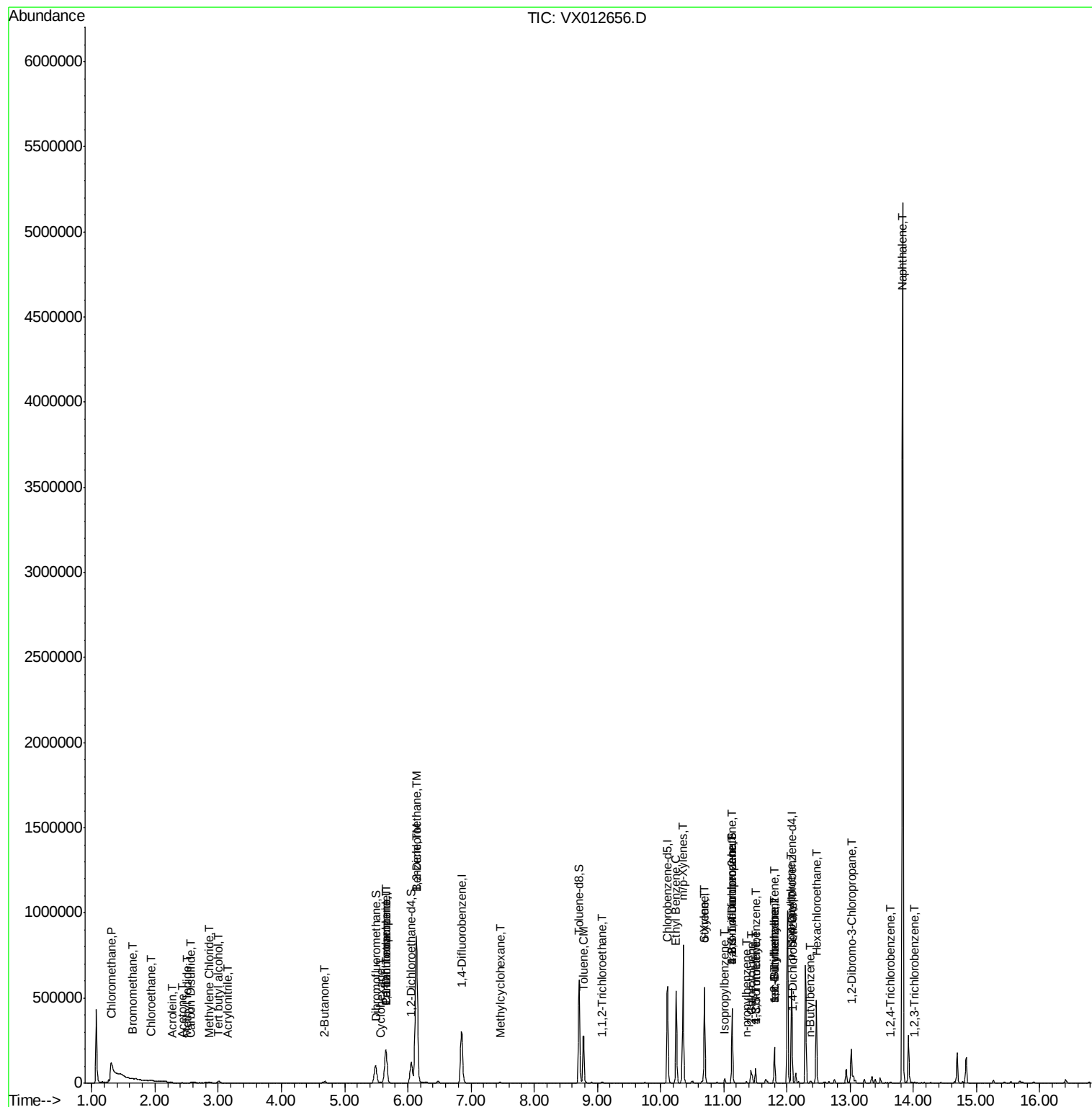
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) 1,4-Dichlorobenzene	12.09	146	990	0.290	ug/l #	53
89) n-Butylbenzene	12.38	91	2658	0.428	ug/l #	60
90) Hexachloroethane	12.46	117	17591	14.008	ug/l #	17
92) 1,2-Dibromo-3-Chloropropan	13.02	75	4251	6.185	ug/l #	4
93) 1,2,4-Trichlorobenzene	13.64	180	991	0.480	ug/l	94
95) Naphthalene	13.83	128	2915432	390.549	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	794	0.384	ug/l #	59

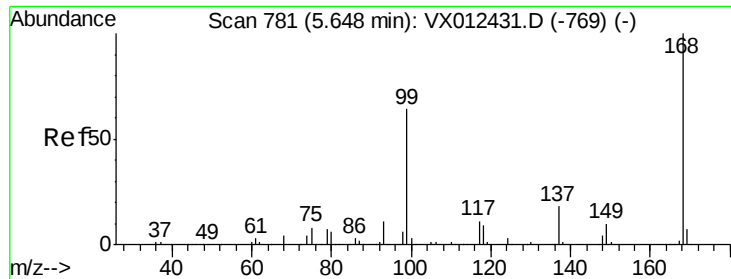
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX092519\
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX012656.D

Acq: 25 Sep 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

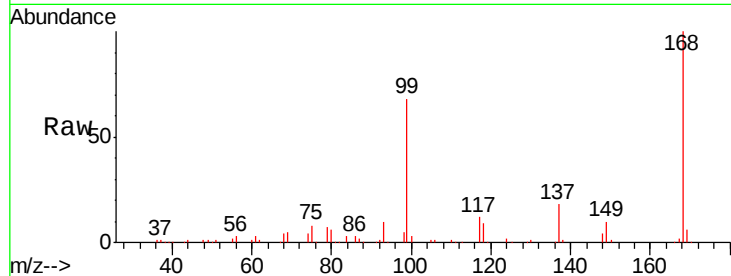
QNWP8-MW26S-GW

Tgt Ion:168 Resp: 169313

Ion Ratio Lower Upper

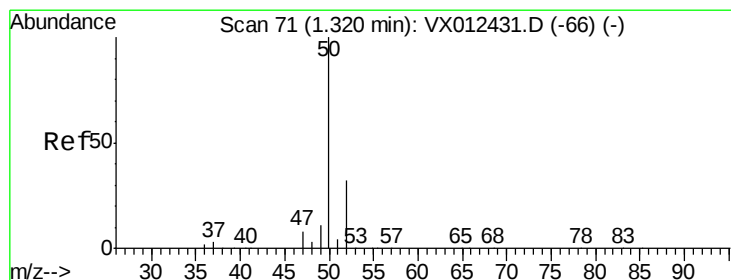
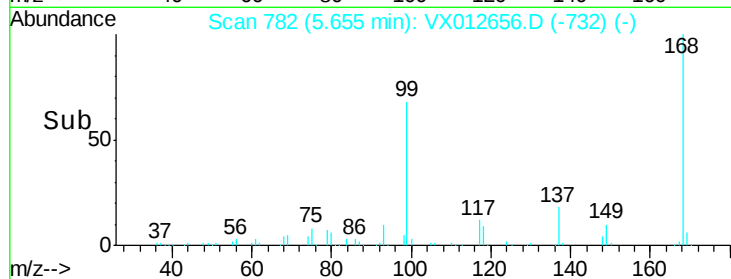
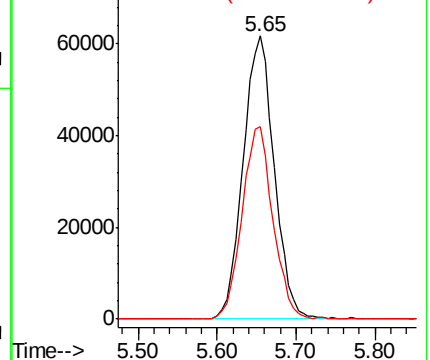
168 100

99 68.1 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 2.624 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.01 min

Lab File: VX012656.D

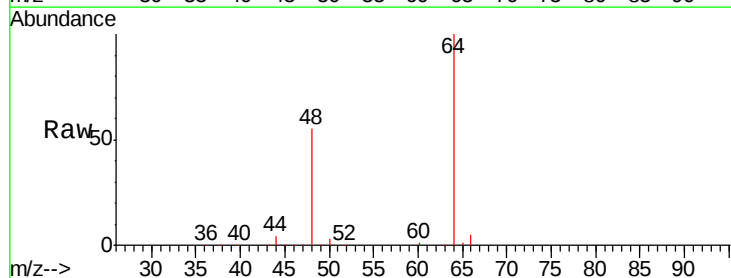
Acq: 25 Sep 2019 13:08

Tgt Ion: 50 Resp: 5739

Ion Ratio Lower Upper

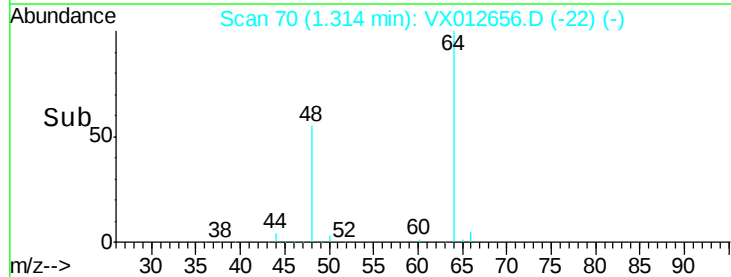
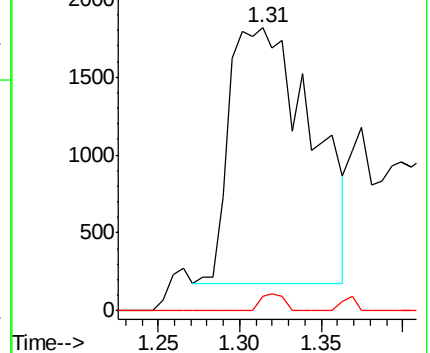
50 100

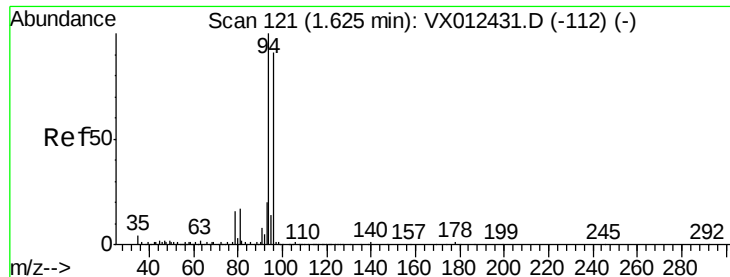
52 5.8 25.7 38.5#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#5

Bromomethane

Concen: 0.681 ug/l

RT: 1.65 min Scan# 125

Delta R.T. 0.02 min

Lab File: VX012656.D

Acq: 25 Sep 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

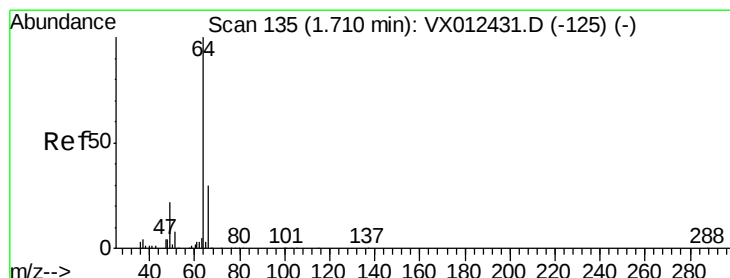
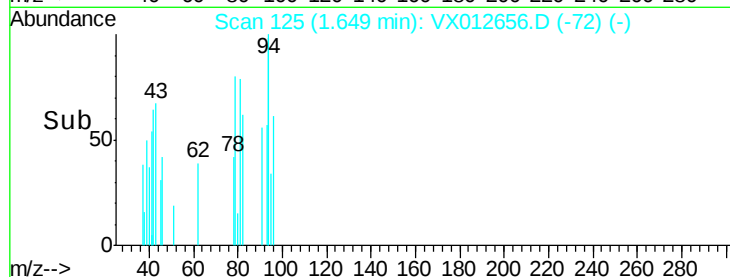
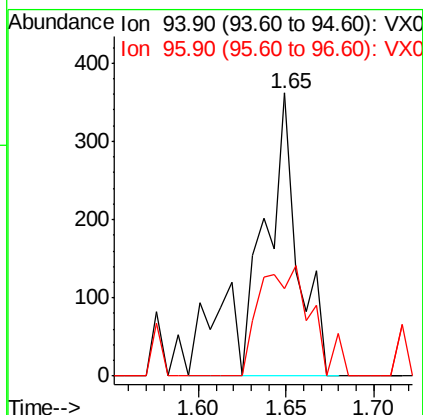
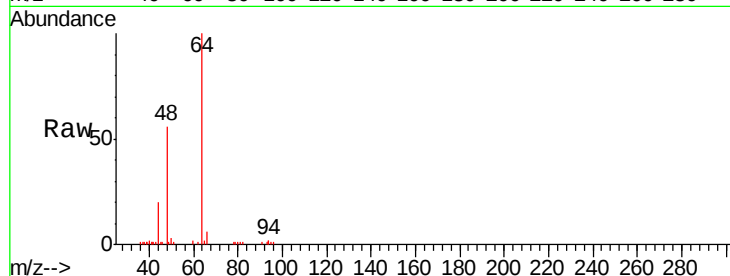
QNWP8-MW26S-GW

Tgt Ion: 94 Resp: 582

Ion Ratio Lower Upper

94 100

96 30.9 72.8 109.2#



#6

Chloroethane

Concen: 2.785 ug/l

RT: 1.93 min Scan# 171

Delta R.T. 0.22 min

Lab File: VX012656.D

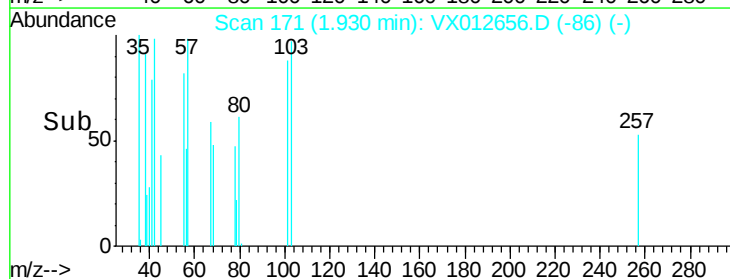
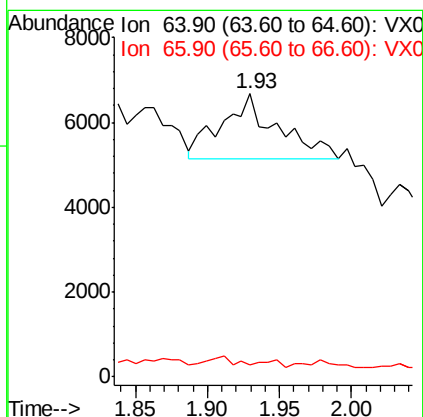
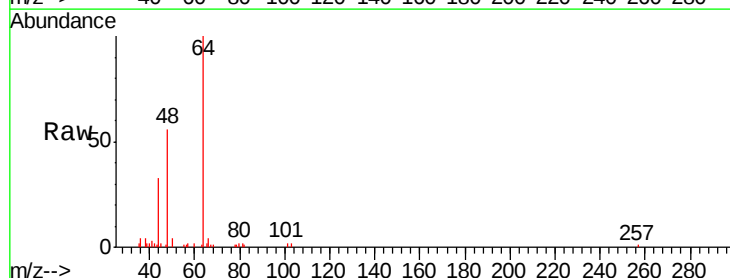
Acq: 25 Sep 2019 13:08

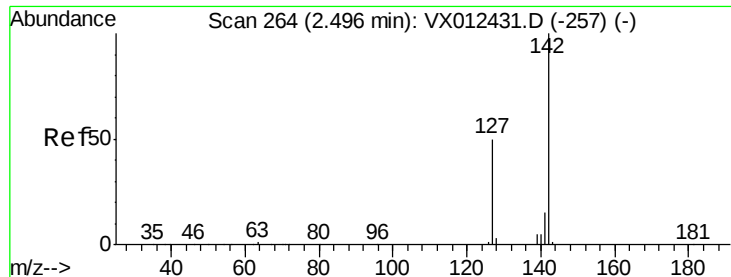
Tgt Ion: 64 Resp: 4082

Ion Ratio Lower Upper

64 100

66 0.7 24.0 36.0#





#10

Methyl Iodide

Concen: 5.206 ug/l

RT: 2.51 min Scan# 266

Delta R.T. 0.01 min

Lab File: VX012656.D

Acq: 25 Sep 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

QNWP8-MW26S-GW

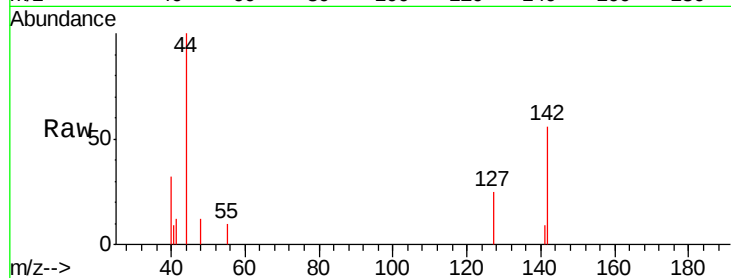
Tgt Ion: 142 Resp: 550

Ion Ratio Lower Upper

142 100

127 53.6 40.8 61.2

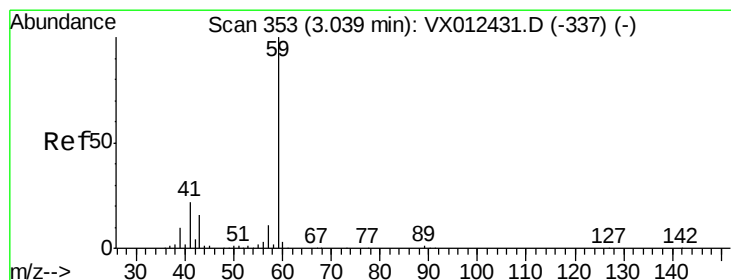
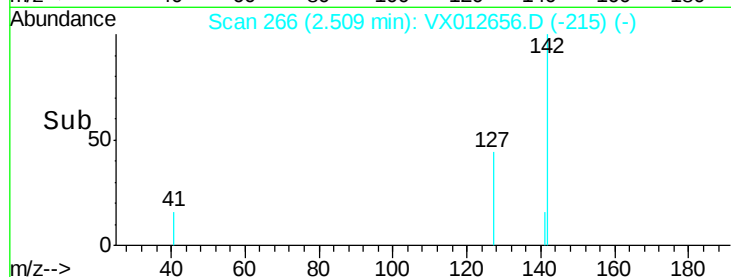
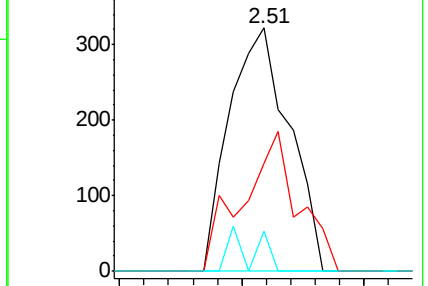
141 7.5 12.1 18.1#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



#11

Tert butyl alcohol

Concen: 11.464 ug/l

RT: 3.01 min Scan# 349

Delta R.T. -0.02 min

Lab File: VX012656.D

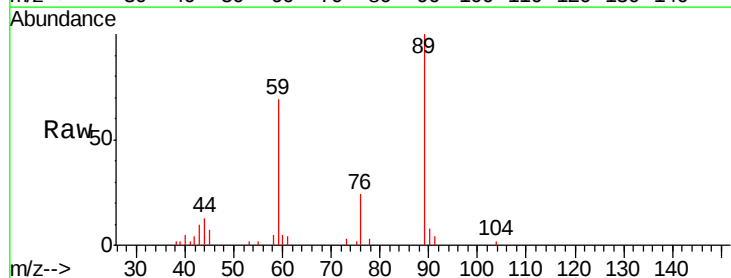
Acq: 25 Sep 2019 13:08

Tgt Ion: 59 Resp: 7061

Ion Ratio Lower Upper

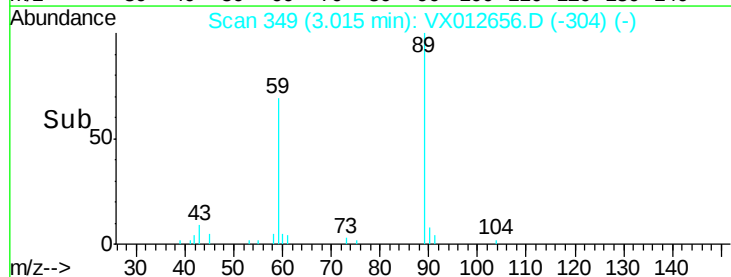
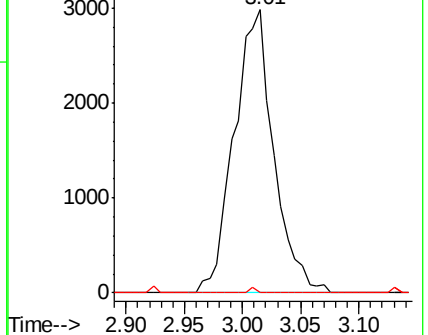
59 100

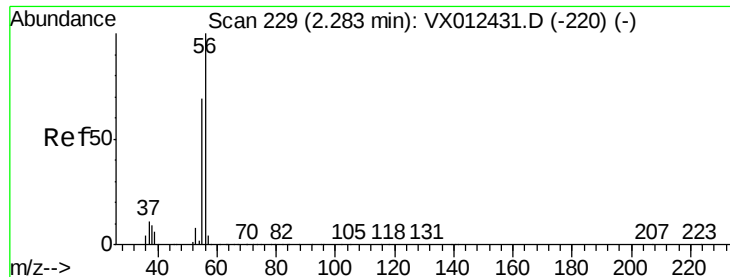
57 0.3 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#13

Acrolein

Concen: 10.546 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX012656.D

Acq: 25 Sep 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

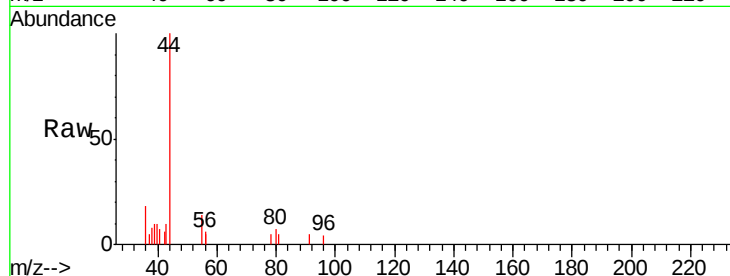
QNWP8-MW26S-GW

Tgt Ion: 56 Resp: 112

Ion Ratio Lower Upper

56 100

55 0.0 55.8 83.8#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

300

200

100

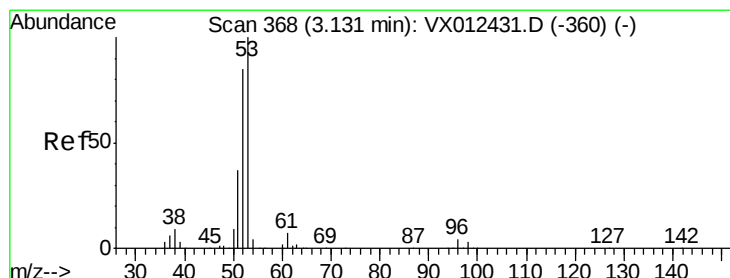
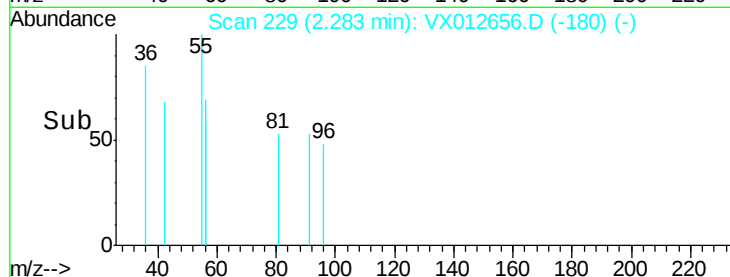
0

2.26

2.28

2.30

Time-->



#15

Acrylonitrile

Concen: 0.234 ug/l

RT: 3.14 min Scan# 370

Delta R.T. 0.01 min

Lab File: VX012656.D

Acq: 25 Sep 2019 13:08

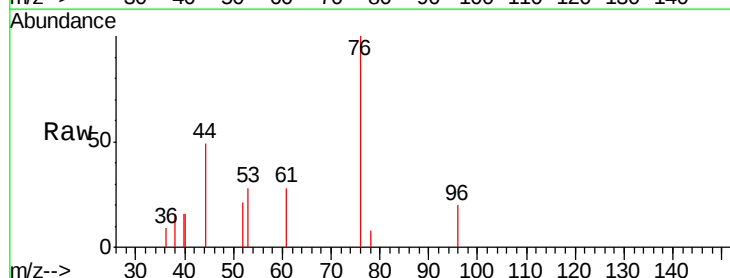
Tgt Ion: 53 Resp: 293

Ion Ratio Lower Upper

53 100

52 96.2 67.0 100.4

51 0.0 29.6 44.4#



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

250

200

150

100

50

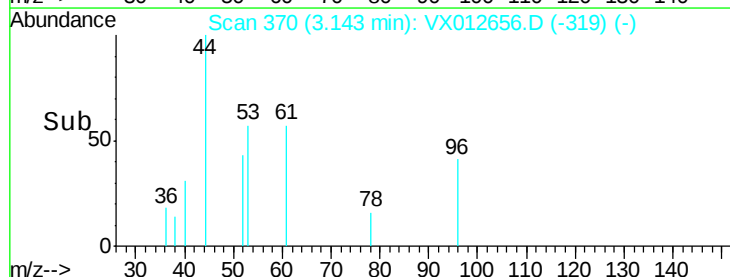
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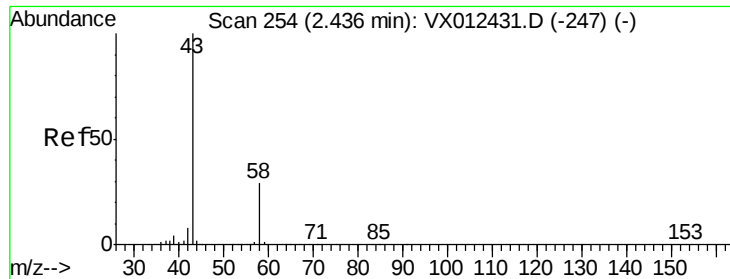
3.10

3.14

3.15

Time-->





#16

Acetone

Concen: 1.953 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

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Acq: 25 Sep 2019 13:08

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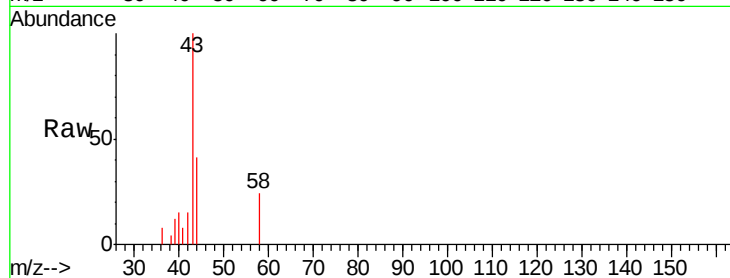
QNWP8-MW26S-GW

Tgt Ion: 43 Resp: 2550

Ion Ratio Lower Upper

43 100

58 24.1 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

1500

1000

500

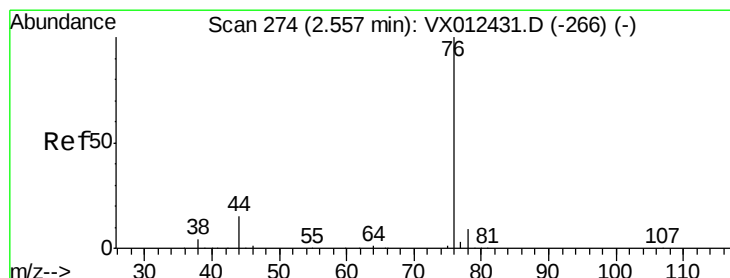
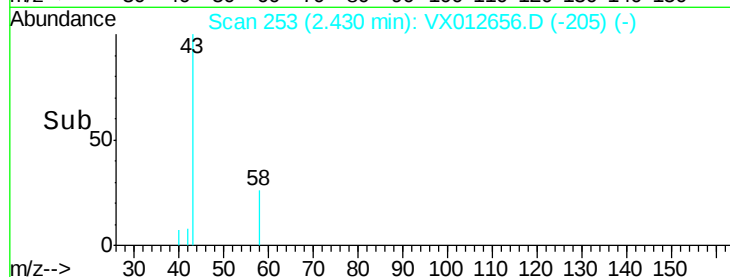
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Time-->

2.40

2.45

2.50



#17

Carbon Disulfide

Concen: 0.964 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX012656.D

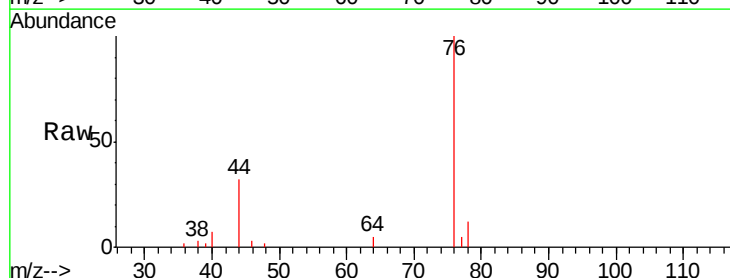
Acq: 25 Sep 2019 13:08

Tgt Ion: 76 Resp: 4920

Ion Ratio Lower Upper

76 100

78 11.9 7.3 10.9#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

3000

2500

2000

1500

1000

500

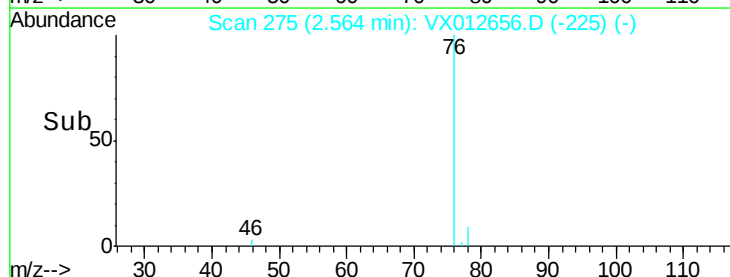
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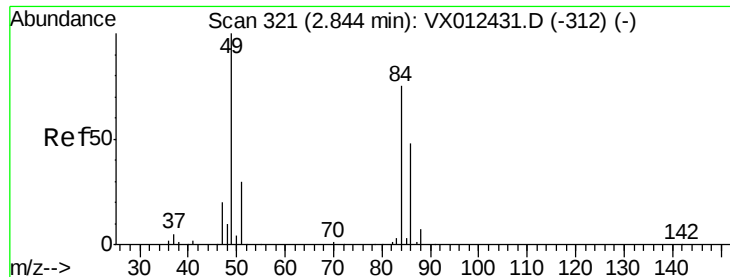
Time-->

2.50

2.55

2.60

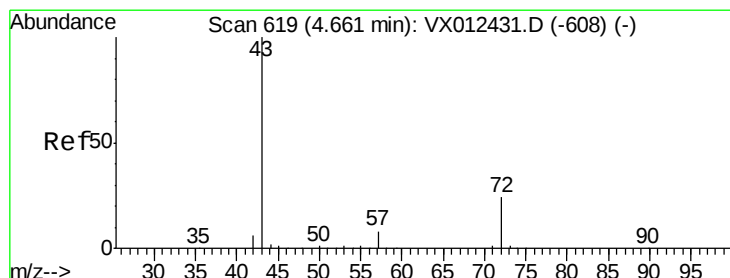
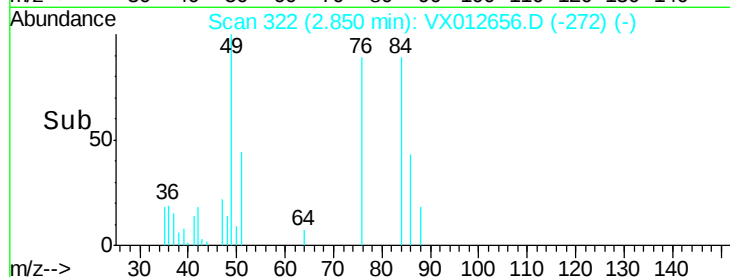
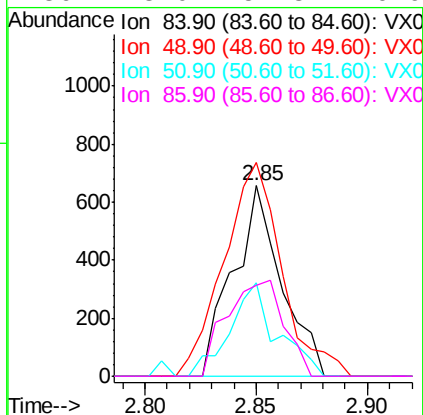
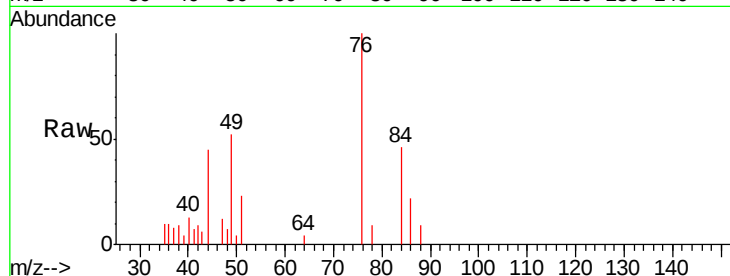




#20
Methylene Chloride
Concen: 0.449 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX012656.D
Acq: 25 Sep 2019 13:08

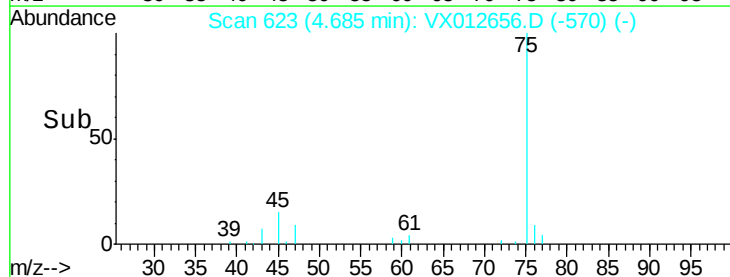
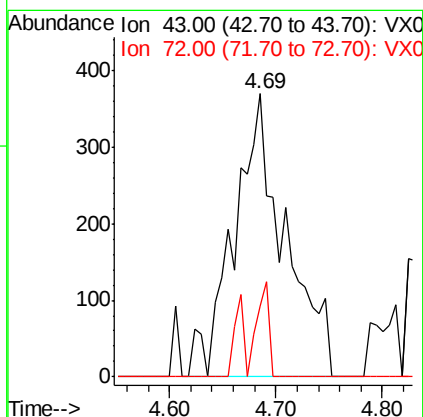
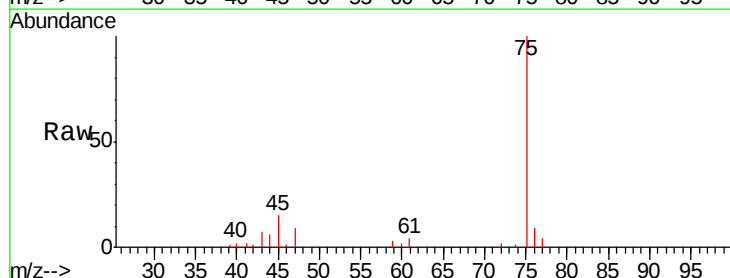
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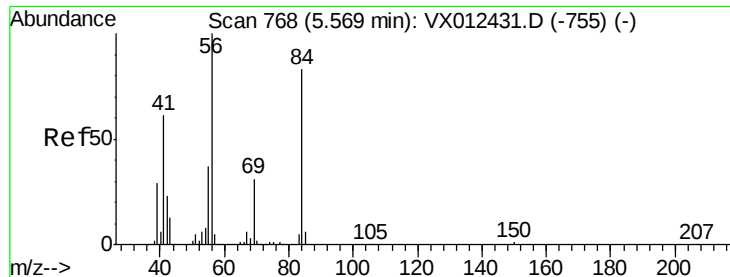
Tgt Ion: 84 Resp: 991
Ion Ratio Lower Upper
84 100
49 103.8 106.8 160.2#
51 49.2 32.3 48.5#
86 48.0 51.3 76.9#



#25
2-Butanone
Concen: 0.662 ug/l
RT: 4.69 min Scan# 623
Delta R.T. 0.02 min
Lab File: VX012656.D
Acq: 25 Sep 2019 13:08

Tgt Ion: 43 Resp: 1240
Ion Ratio Lower Upper
43 100
72 24.9 19.2 28.8

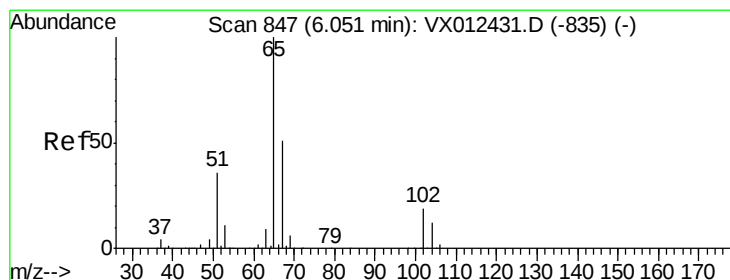
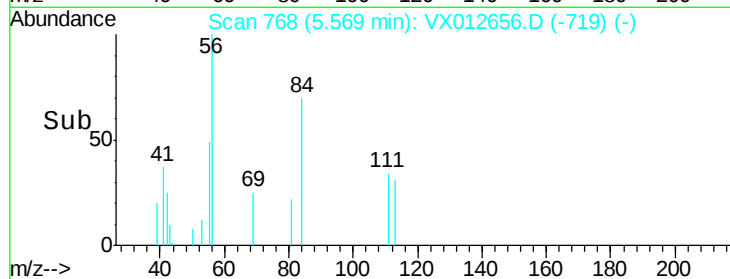
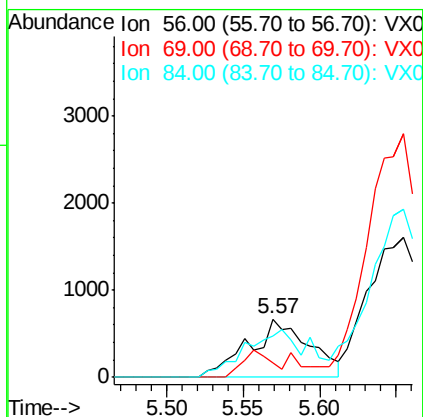
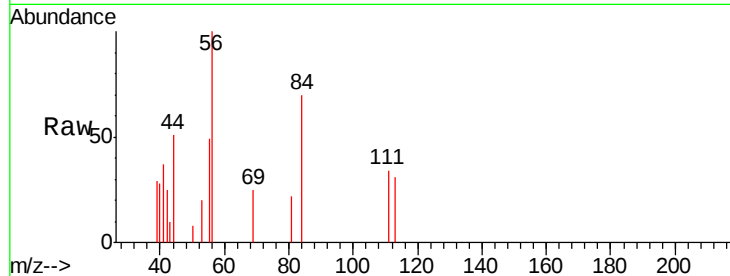




#31
Cyclohexane
Concen: 0.539 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX012656.D
Acq: 25 Sep 2019 13:08

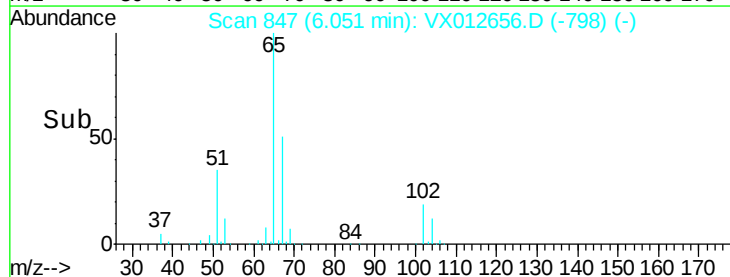
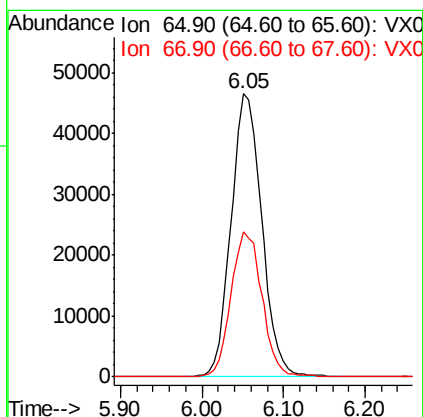
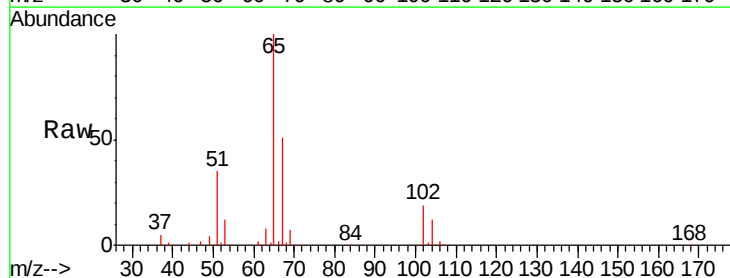
Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW26S-GW

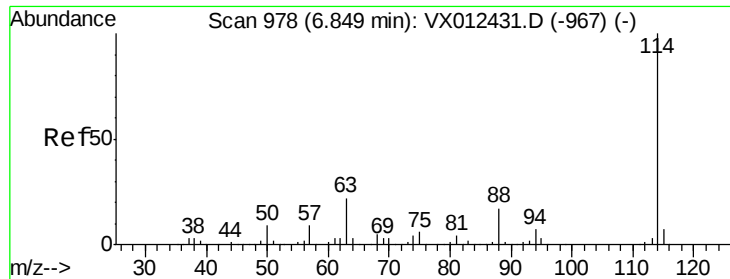
Tgt Ion: 56 Resp: 1849
Ion Ratio Lower Upper
56 100
69 25.3 25.0 37.6
84 69.7 66.4 99.6



#33
1,2-Dichloroethane-d4
Concen: 49.120 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX012656.D
Acq: 25 Sep 2019 13:08

Tgt Ion: 65 Resp: 121107
Ion Ratio Lower Upper
65 100
67 51.6 0.0 101.2

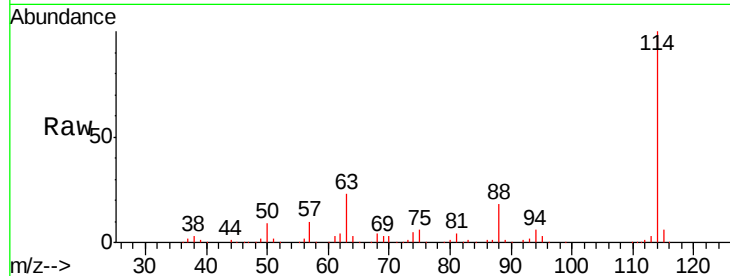




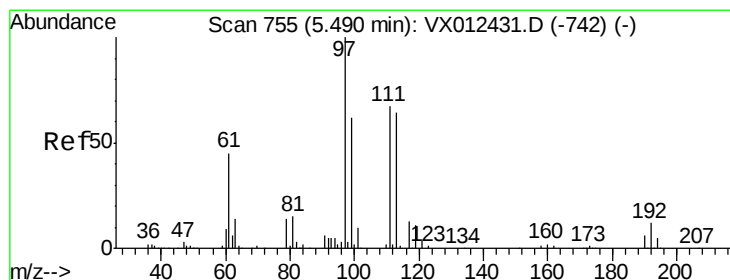
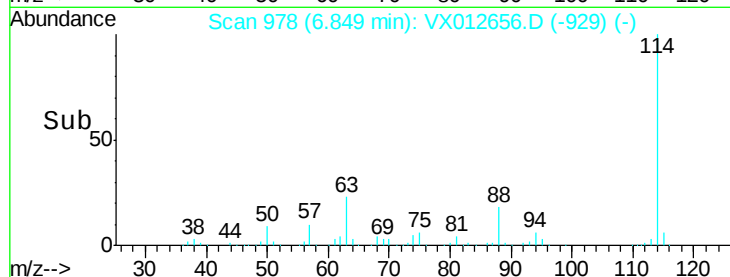
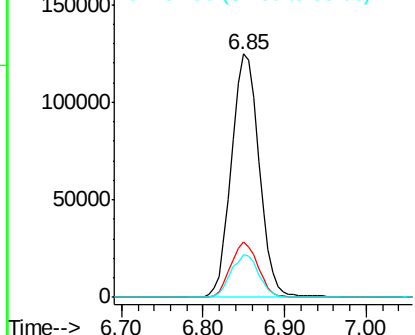
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012656.D
 Acq: 25 Sep 2019 13:08

Instrument :
 MSVOA_X
 ClientSampleId :
 QNWP8-MW26S-GW

Tgt Ion:114 Resp: 293318
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 43.2
 88 17.6 0.0 33.2

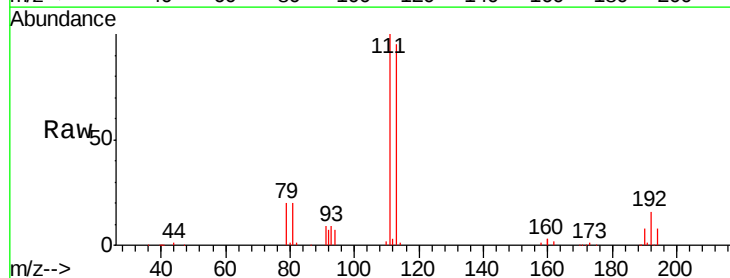


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

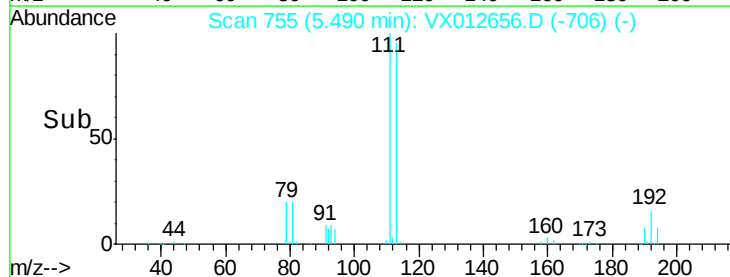
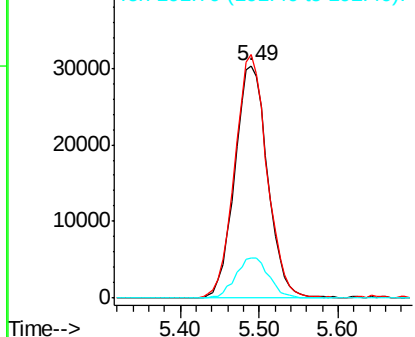


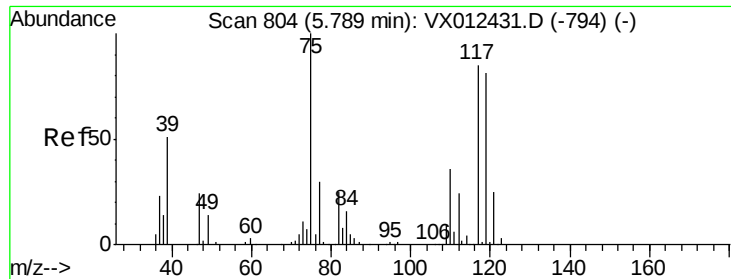
#35
 Dibromofluoromethane
 Concen: 50.316 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX012656.D
 Acq: 25 Sep 2019 13:08

Tgt Ion:113 Resp: 87894
 Ion Ratio Lower Upper
 113 100
 111 102.9 83.4 125.2
 192 17.5 14.4 21.6



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

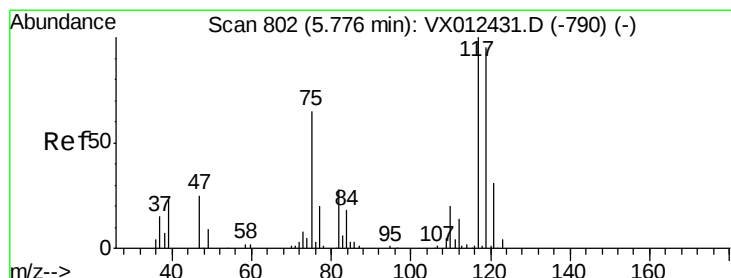
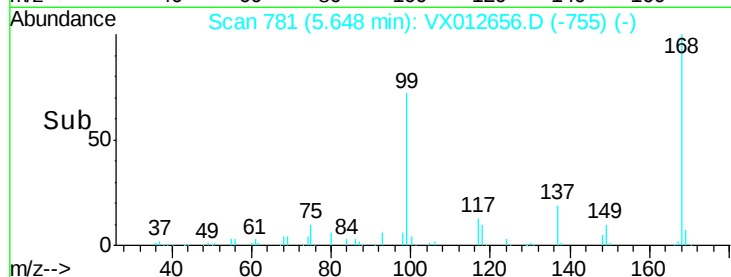
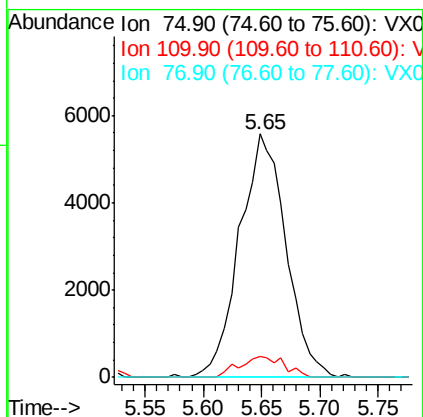
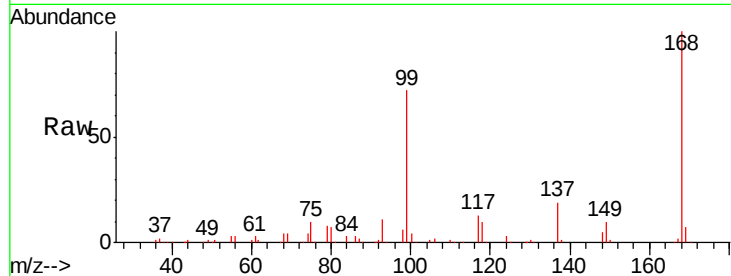




#36
 1,1-Dichloropropene
 Concen: 5.460 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.14 min
 Lab File: VX012656.D
 Acq: 25 Sep 2019 13:08

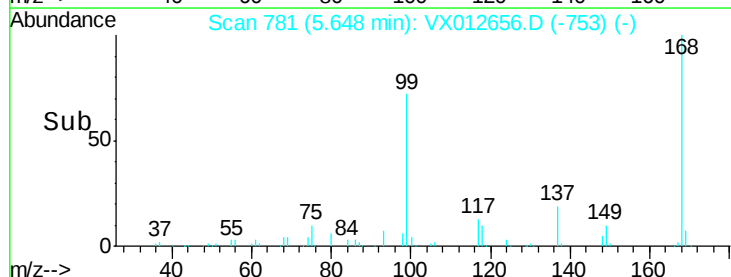
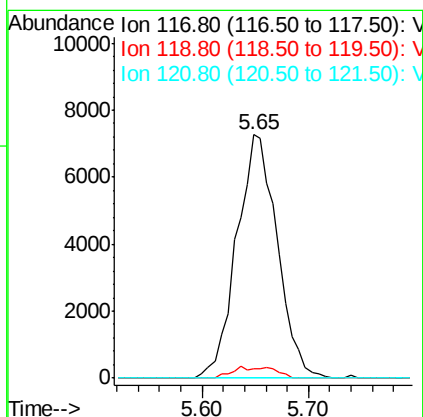
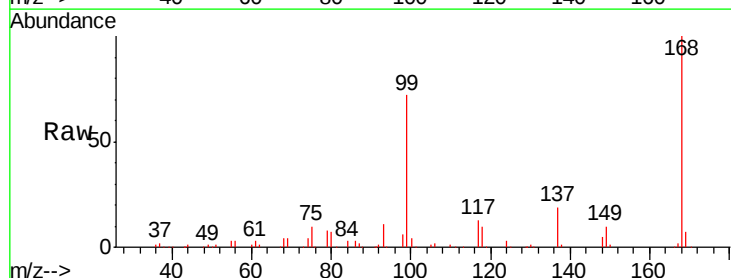
Instrument :
 MSVOA_X
 ClientSampleId :
 QNWP8-MW26S-GW

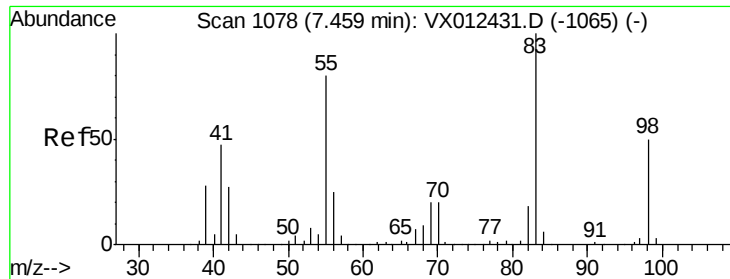
Tgt Ion: 75 Resp: 15437
 Ion Ratio Lower Upper
 75 100
 110 8.3 16.7 50.0#
 77 0.0 24.2 36.2#



#38
 Carbon Tetrachloride
 Concen: 6.754 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.13 min
 Lab File: VX012656.D
 Acq: 25 Sep 2019 13:08

Tgt Ion: 117 Resp: 19399
 Ion Ratio Lower Upper
 117 100
 119 3.8 75.7 113.5#
 121 0.0 24.2 36.4#

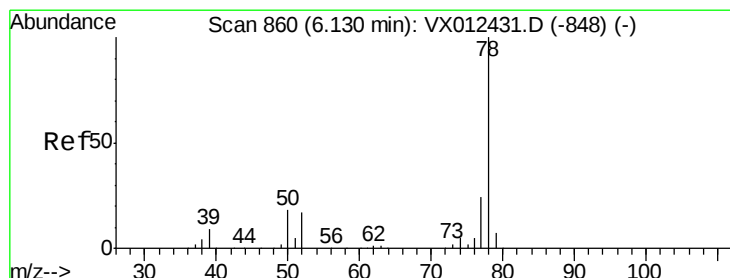
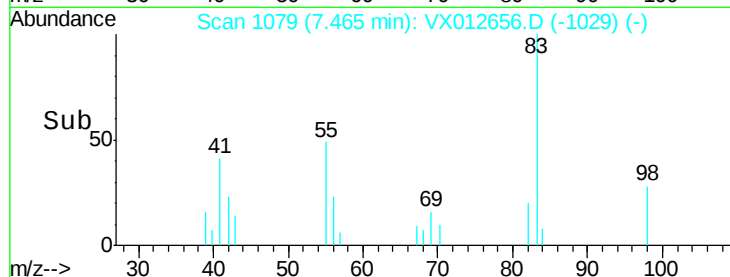
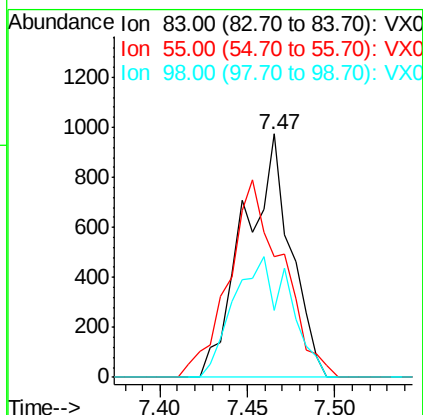
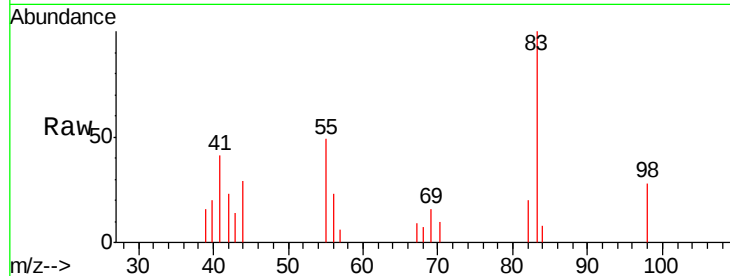




#39
Methylcyclohexane
Concen: 0.536 ug/l
RT: 7.47 min Scan# 1079
Delta R.T. 0.01 min
Lab File: VX012656.D
Acq: 25 Sep 2019 13:08

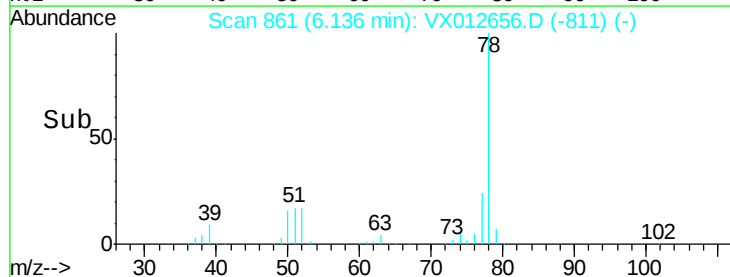
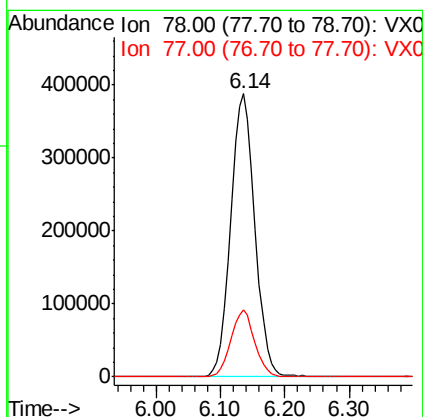
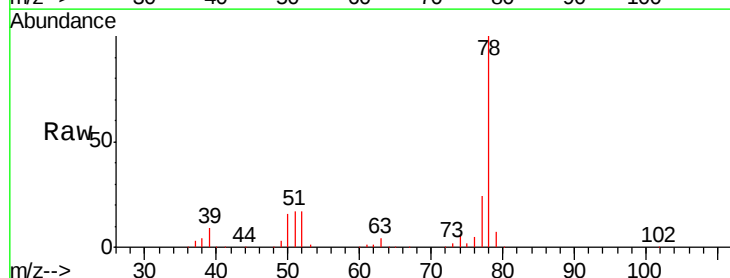
Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW26S-GW

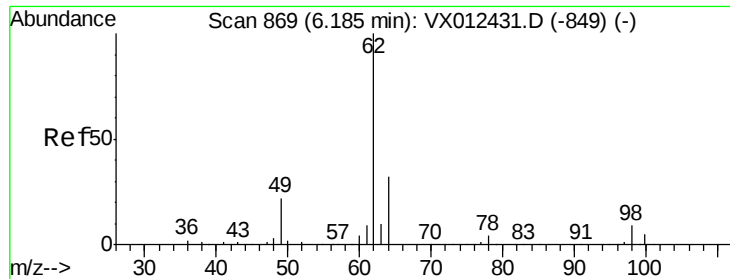
Tgt Ion: 83 Resp: 1825
Ion Ratio Lower Upper
83 100
55 49.5 64.4 96.6#
98 27.5 40.1 60.1#



#40
Benzene
Concen: 122.583 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX012656.D
Acq: 25 Sep 2019 13:08

Tgt Ion: 78 Resp: 1019729
Ion Ratio Lower Upper
78 100
77 23.6 19.2 28.8





#42

1,2-Dichloroethane

Concen: 3.048 ug/l

RT: 6.14 min Scan# 861

Delta R.T. -0.05 min

Lab File: VX012656.D

Acq: 25 Sep 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

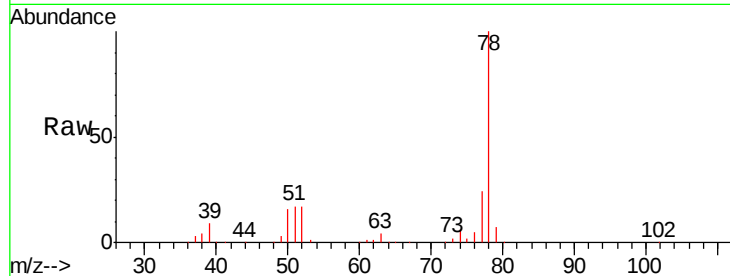
QNWP8-MW26S-GW

Tgt Ion: 62 Resp: 9629

Ion Ratio Lower Upper

62 100

98 0.0 0.0 17.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

6.14

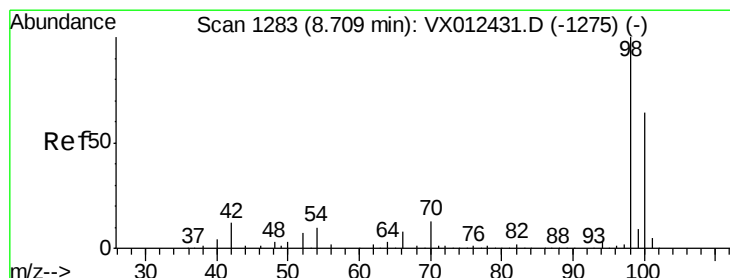
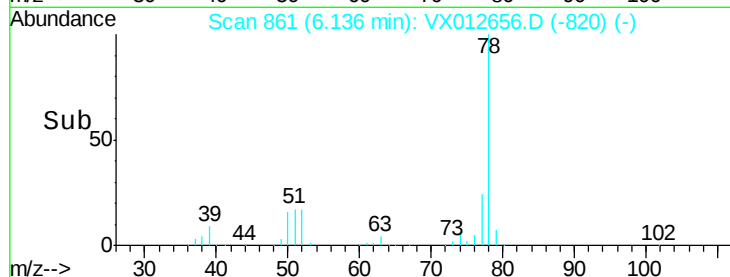
3000

2000

1000

0

Time-->



#50

Toluene-d8

Concen: 51.308 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012656.D

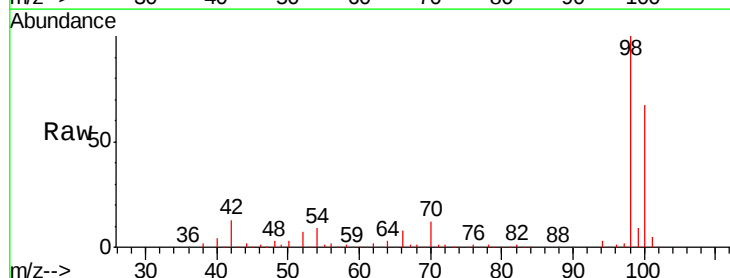
Acq: 25 Sep 2019 13:08

Tgt Ion: 98 Resp: 345156

Ion Ratio Lower Upper

98 100

100 66.9 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

250000

200000

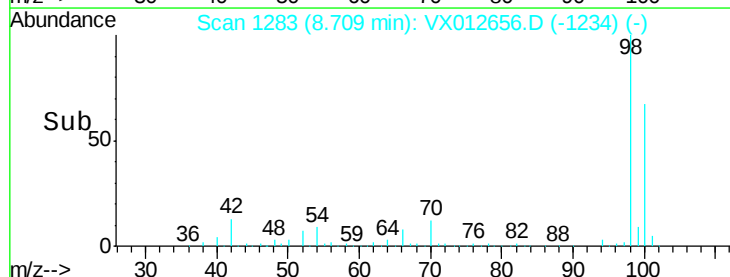
150000

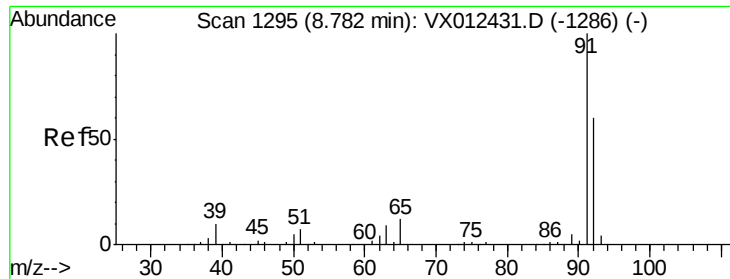
100000

50000

0

Time-->





#52

Toluene

Concen: 20.457 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX012656.D

Acq: 25 Sep 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

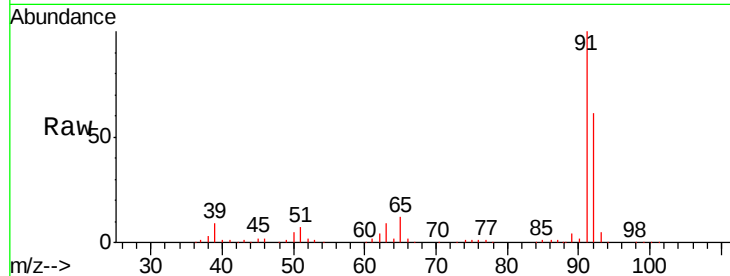
QNWP8-MW26S-GW

Tgt Ion: 92 Resp: 106958

Ion Ratio Lower Upper

92 100

91 169.5 135.4 203.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

120000

100000

80000

60000

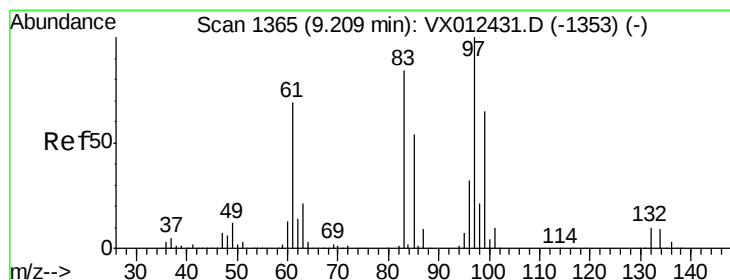
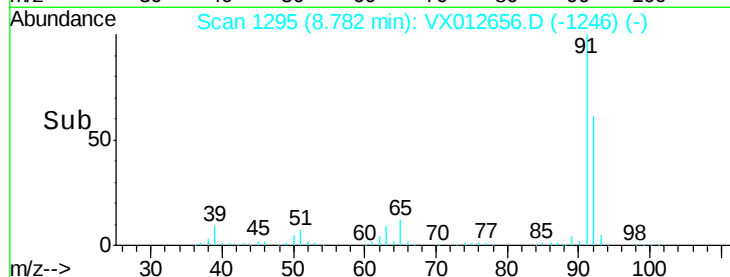
40000

20000

0

8.70 8.75 8.80 8.85

Time-->



#55

1,1,2-Trichloroethane

Concen: 1.957 ug/l

RT: 9.07 min Scan# 1343

Delta R.T. -0.13 min

Lab File: VX012656.D

Acq: 25 Sep 2019 13:08

Tgt Ion: 97 Resp: 4067

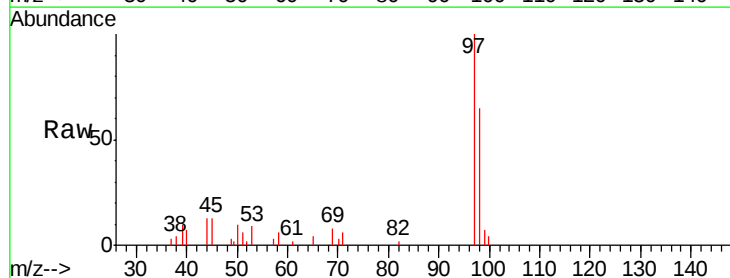
Ion Ratio Lower Upper

97 100

83 0.0 67.4 101.2#

85 0.0 43.5 65.3#

99 7.3 51.8 77.8#



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

4000

3000

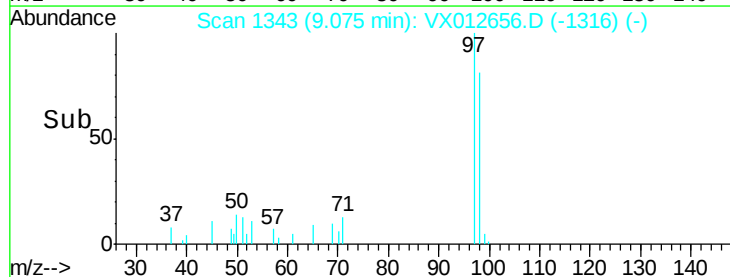
2000

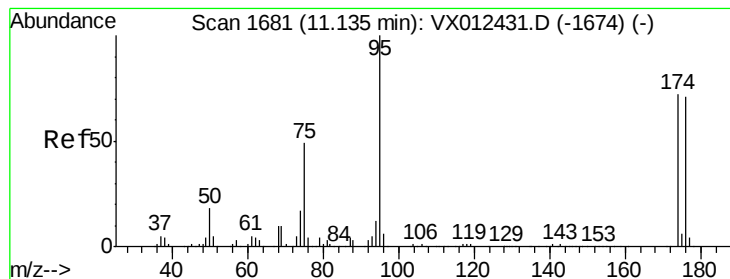
1000

0

9.00 9.05 9.10

Time-->





#62

4-Bromofluorobenzene

Concen: 47.039 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012656.D

Acq: 25 Sep 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

QNWP8-MW26S-GW

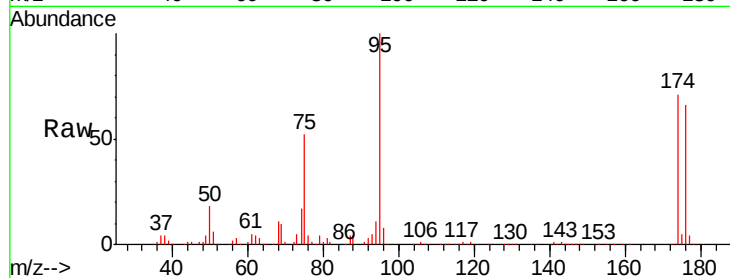
Tgt Ion: 95 Resp: 124426

Ion Ratio Lower Upper

95 100

174 66.9 0.0 140.0

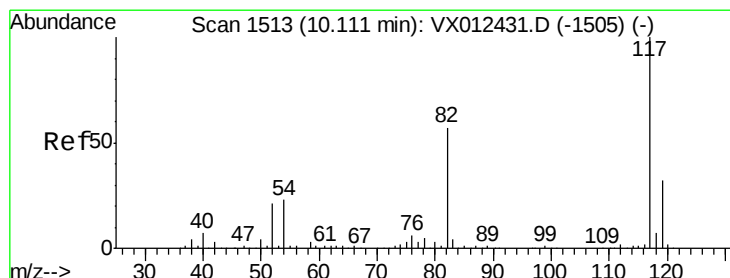
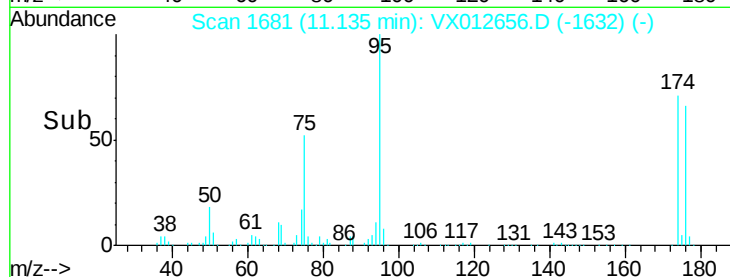
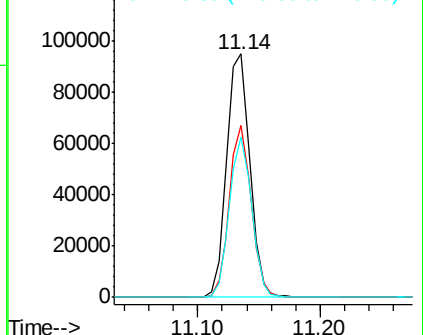
176 63.2 0.0 135.4



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# 1513

Delta R.T. 0.00 min

Lab File: VX012656.D

Acq: 25 Sep 2019 13:08

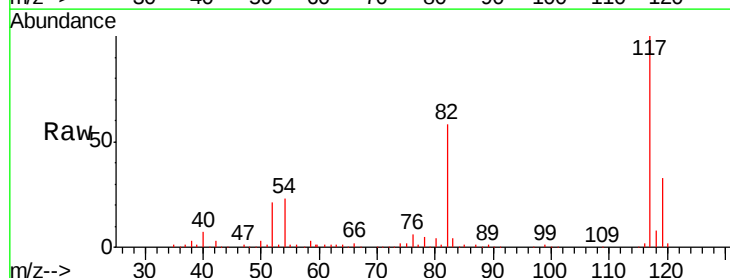
Tgt Ion: 117 Resp: 246598

Ion Ratio Lower Upper

117 100

82 58.3 45.9 68.9

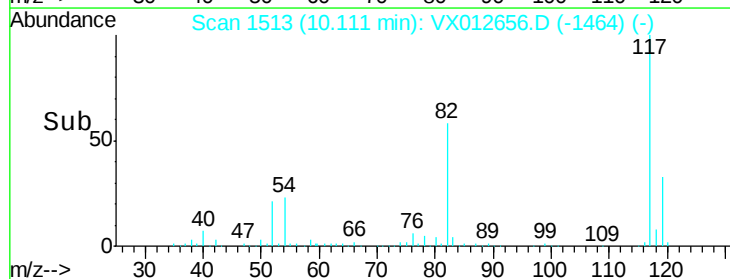
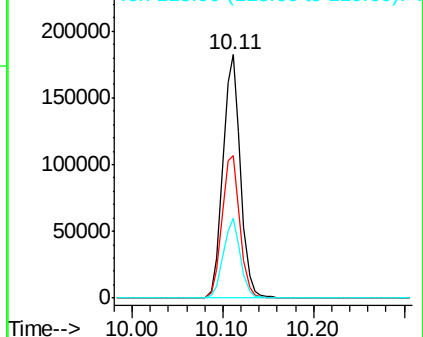
119 32.9 25.3 37.9

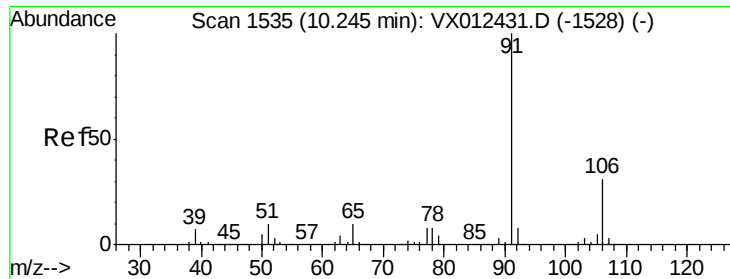


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#67

Ethyl Benzene

Concen: 33.394 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX012656.D

Acq: 25 Sep 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

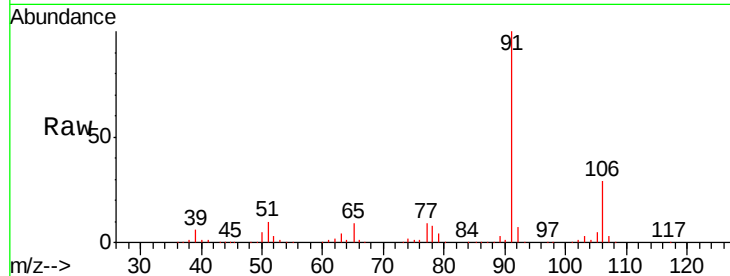
QNWP8-MW26S-GW

Tgt Ion: 91 Resp: 314517

Ion Ratio Lower Upper

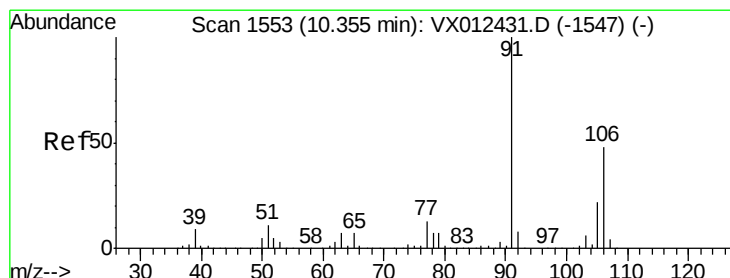
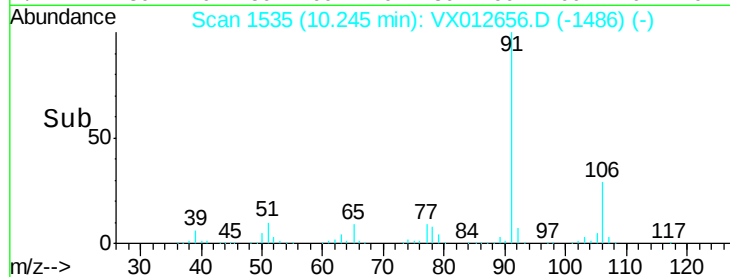
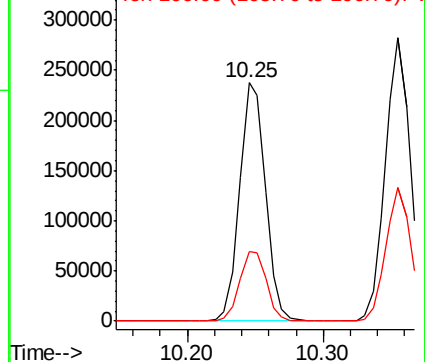
91 100

106 29.4 24.6 37.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 48.909 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX012656.D

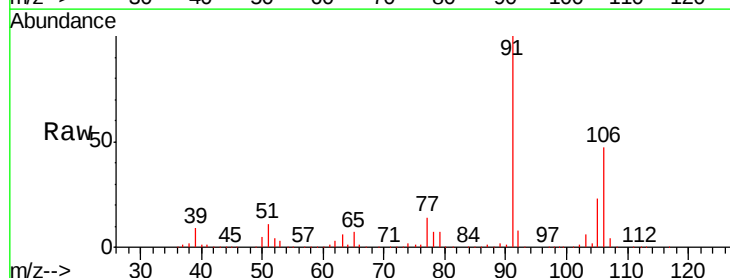
Acq: 25 Sep 2019 13:08

Tgt Ion: 106 Resp: 172559

Ion Ratio Lower Upper

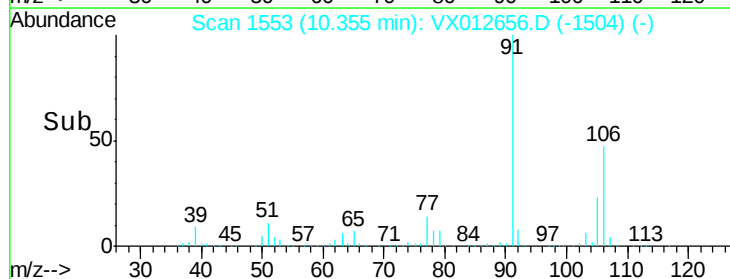
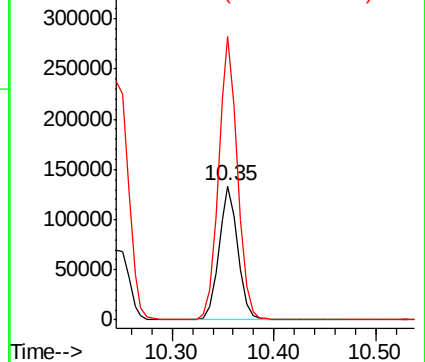
106 100

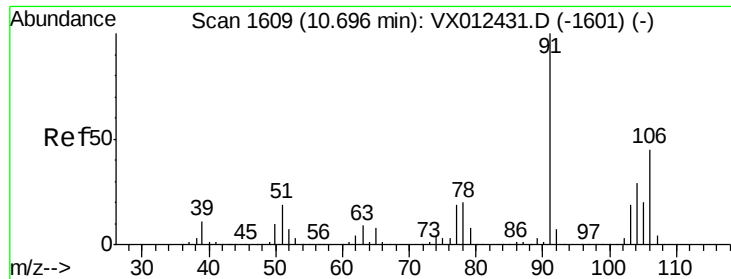
91 212.8 166.6 250.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

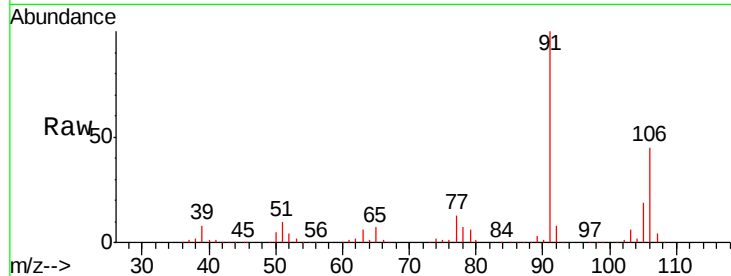




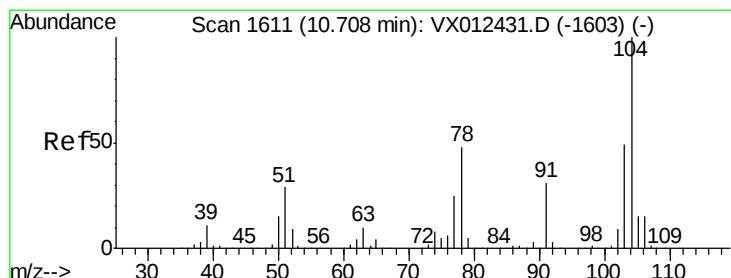
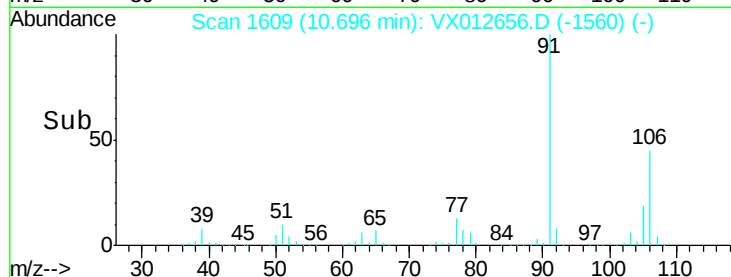
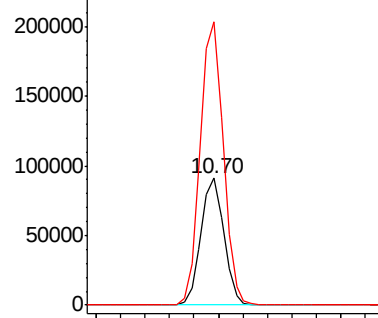
#69
o-Xylene
Concen: 34.740 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012656.D
Acq: 25 Sep 2019 13:08

Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW26S-GW

Tgt Ion:106 Resp: 118601
Ion Ratio Lower Upper
106 100
91 223.8 109.4 328.2

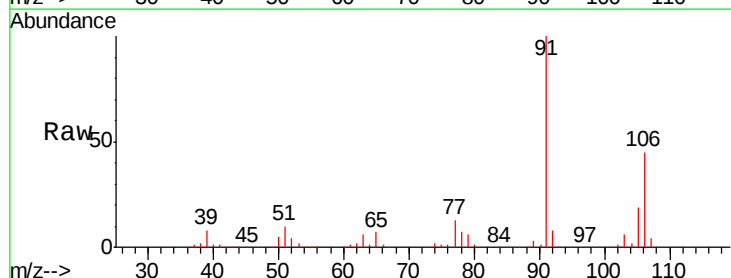


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

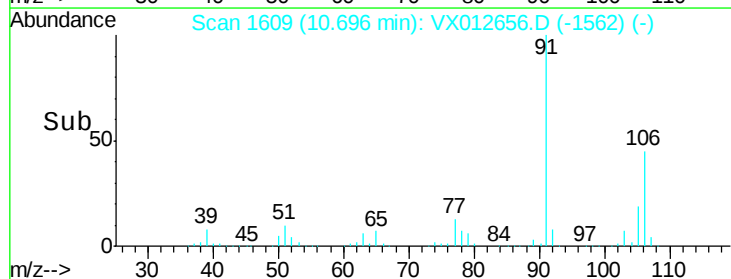
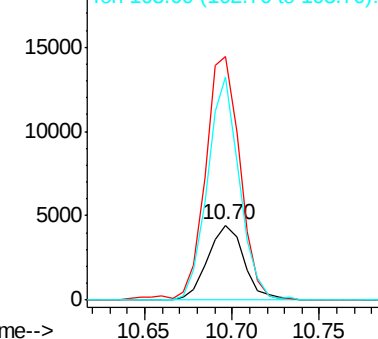


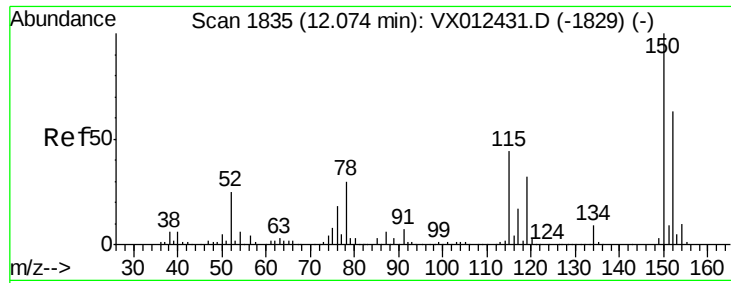
#70
Styrene
Concen: 1.125 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.01 min
Lab File: VX012656.D
Acq: 25 Sep 2019 13:08

Tgt Ion:104 Resp: 6437
Ion Ratio Lower Upper
104 100
78 311.8 43.4 65.2#
103 260.0 43.3 64.9#



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012656.D

Acq: 25 Sep 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

QNWP8-MW26S-GW

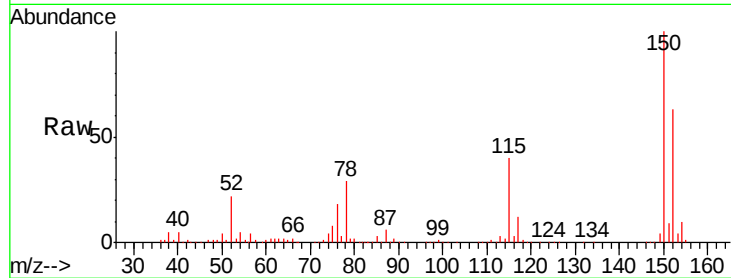
Tgt Ion:152 Resp: 101869

Ion Ratio Lower Upper

152 100

115 66.0 44.1 132.3

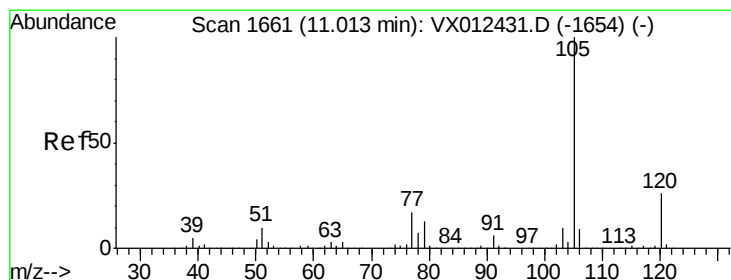
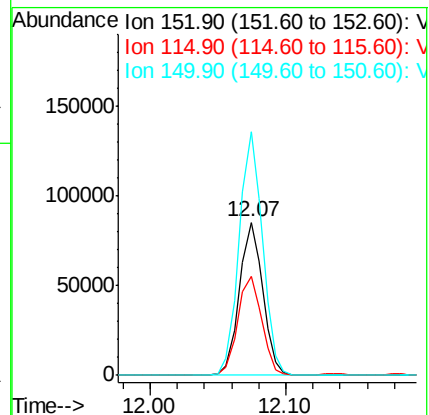
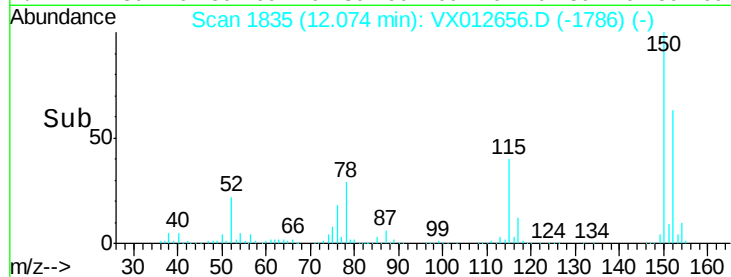
150 159.8 0.0 343.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 1.563 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012656.D

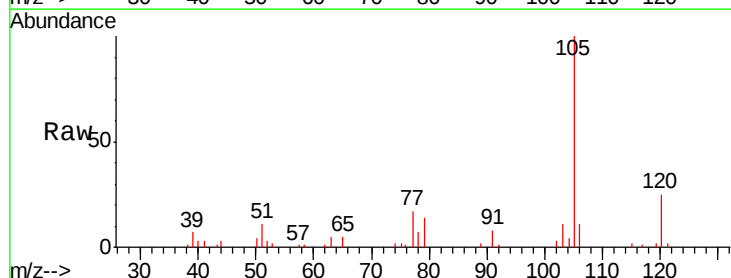
Acq: 25 Sep 2019 13:08

Tgt Ion:105 Resp: 12971

Ion Ratio Lower Upper

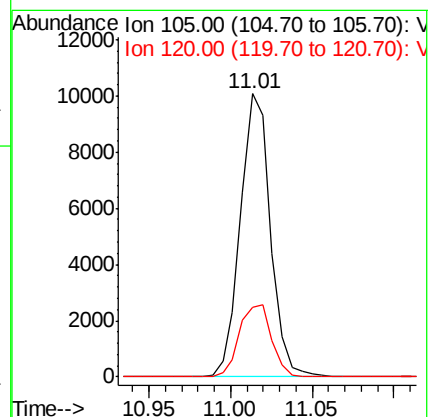
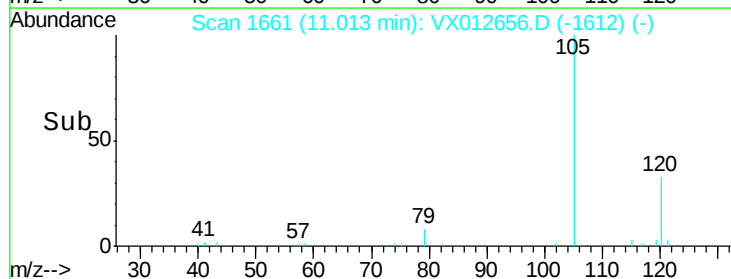
105 100

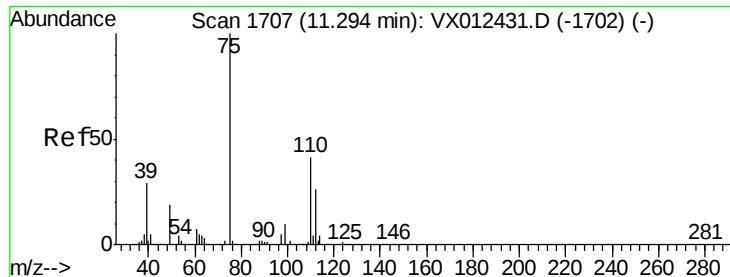
120 27.2 12.9 38.7



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: 24.177 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.16 min

Lab File: VX012656.D

Acq: 25 Sep 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

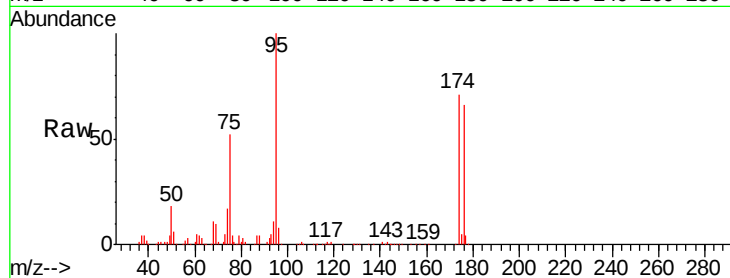
QNWP8-MW26S-GW

Tgt Ion: 75 Resp: 65150

Ion Ratio Lower Upper

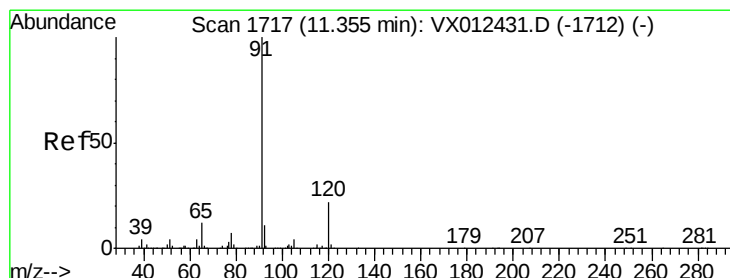
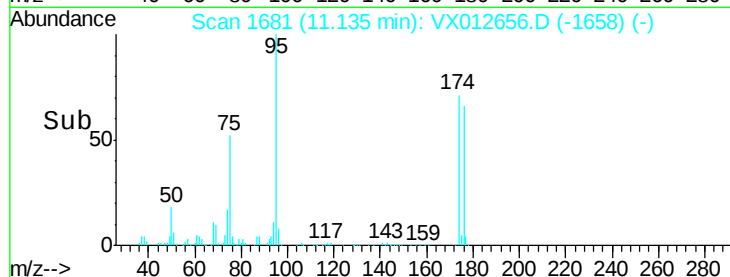
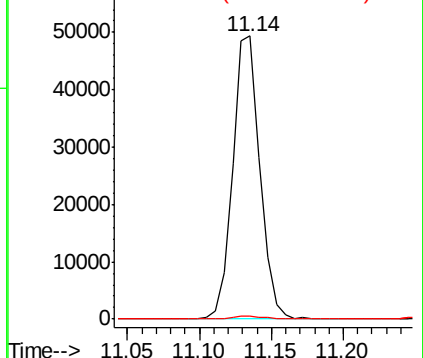
75 100

77 1.3 19.7 59.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#78

n-propylbenzene

Concen: 0.663 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012656.D

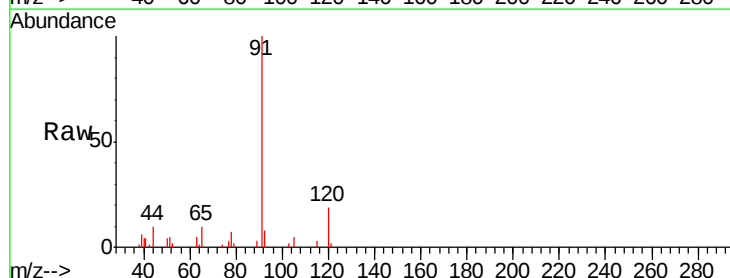
Acq: 25 Sep 2019 13:08

Tgt Ion: 91 Resp: 6189

Ion Ratio Lower Upper

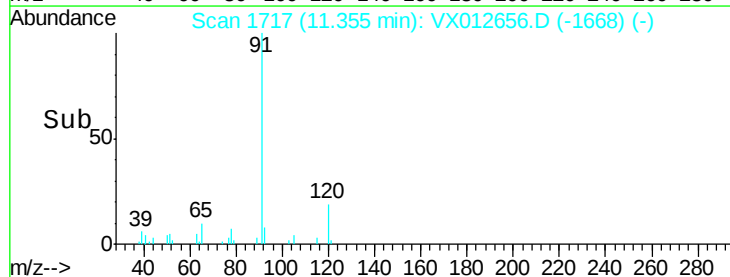
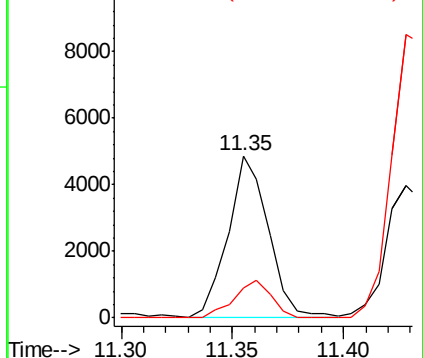
91 100

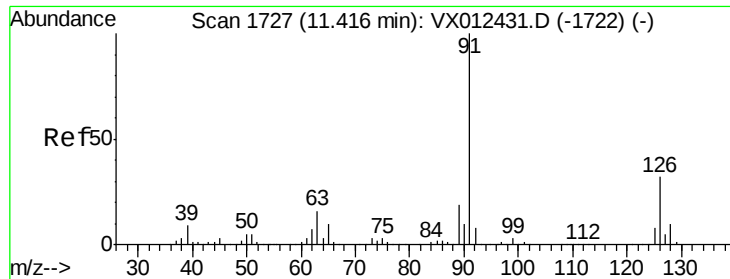
120 21.4 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 1.335 ug/l

RT: 11.43 min Scan# 1729

Delta R.T. 0.01 min

Lab File: VX012656.D

Acq: 25 Sep 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

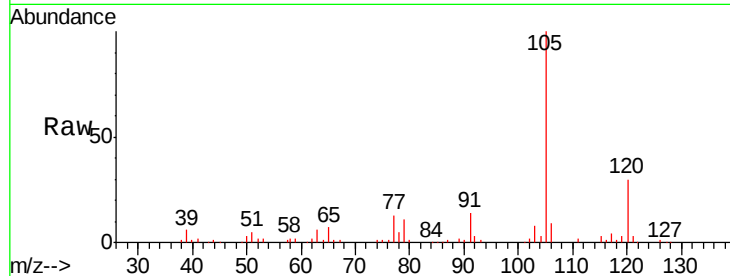
QNWP8-MW26S-GW

Tgt Ion: 91 Resp: 7778

Ion Ratio Lower Upper

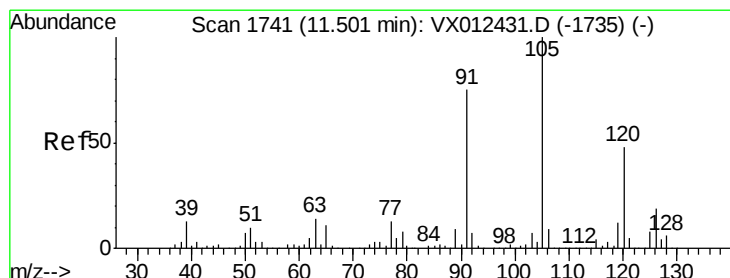
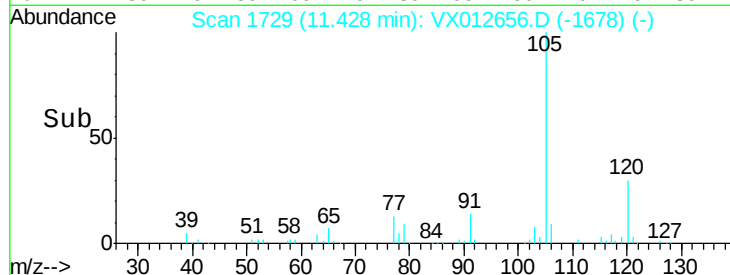
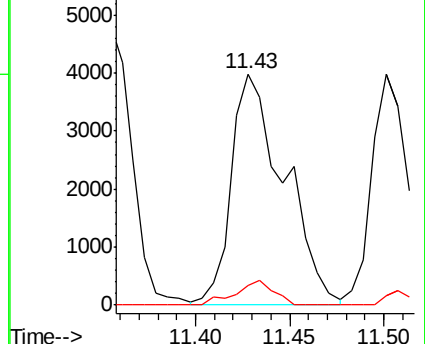
91 100

126 7.6 16.4 49.4#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 5.060 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX012656.D

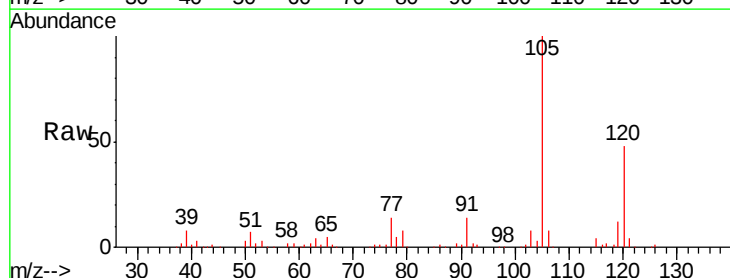
Acq: 25 Sep 2019 13:08

Tgt Ion: 105 Resp: 35204

Ion Ratio Lower Upper

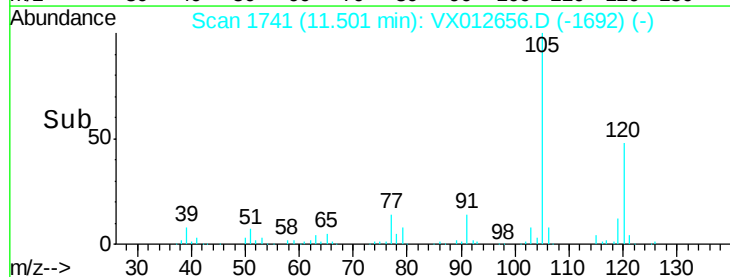
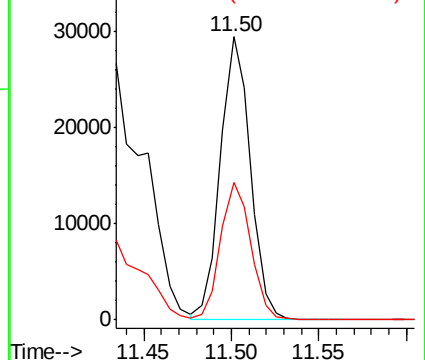
105 100

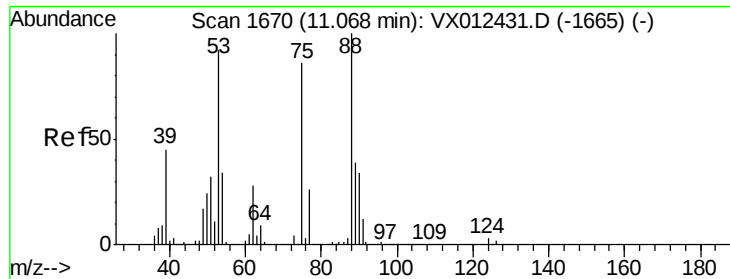
120 49.2 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 69.286 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.07 min

Lab File: VX012656.D

Acq: 25 Sep 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

QNWP8-MW26S-GW

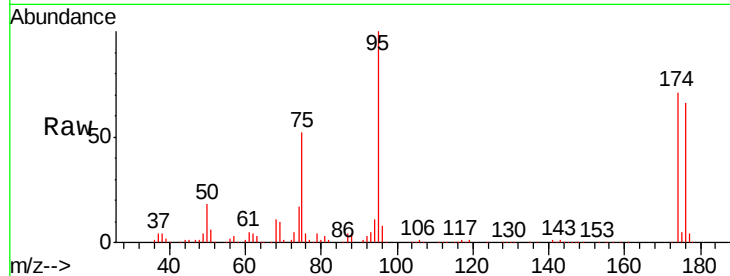
Tgt Ion: 75 Resp: 65150

Ion Ratio Lower Upper

75 100

53 0.0 83.6 125.4#

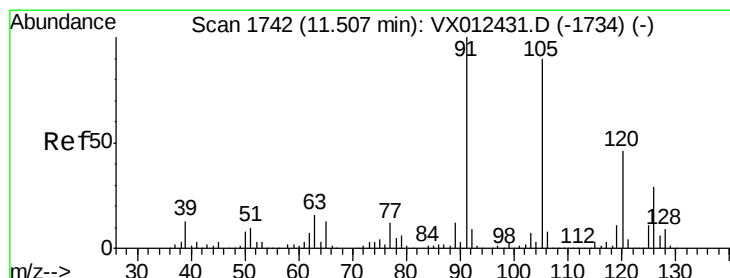
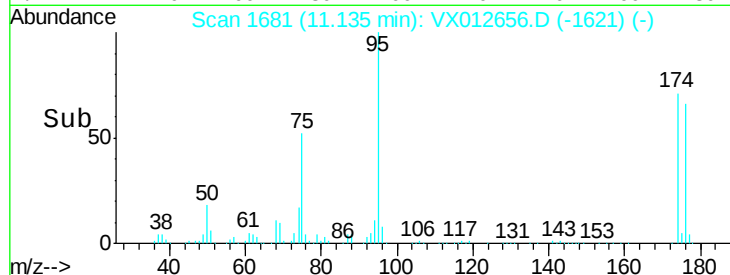
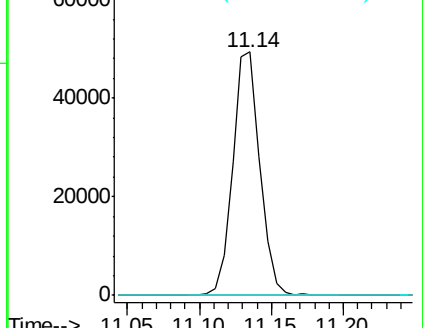
89 0.0 36.3 54.5#



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



#82

4-Chlorotoluene

Concen: 0.803 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.01 min

Lab File: VX012656.D

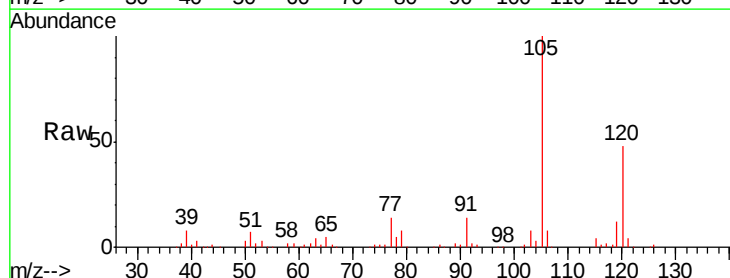
Acq: 25 Sep 2019 13:08

Tgt Ion: 91 Resp: 5336

Ion Ratio Lower Upper

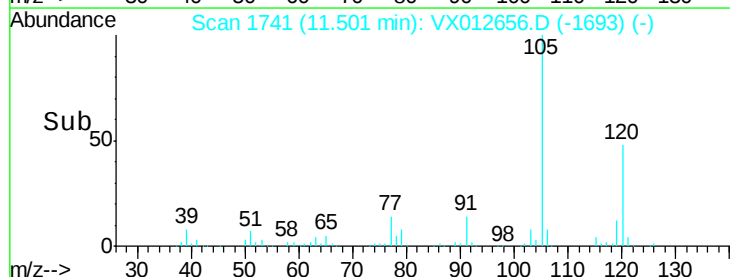
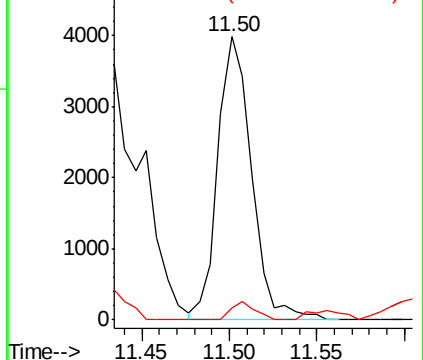
91 100

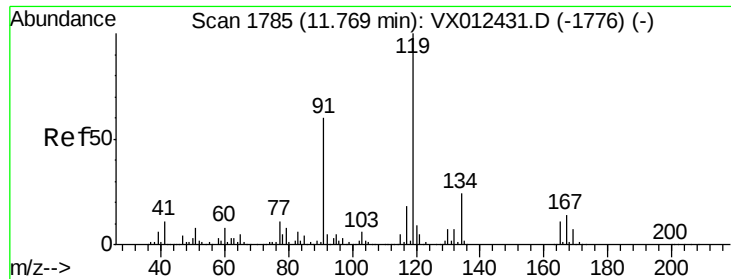
126 4.4 14.4 43.0#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

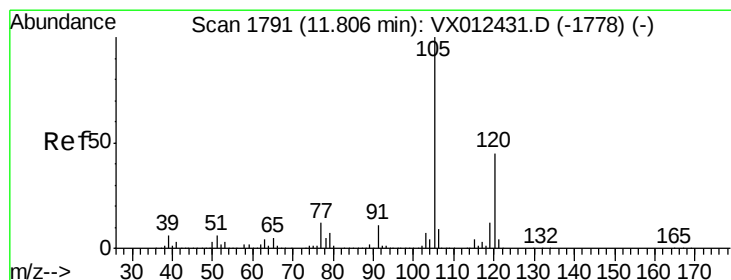
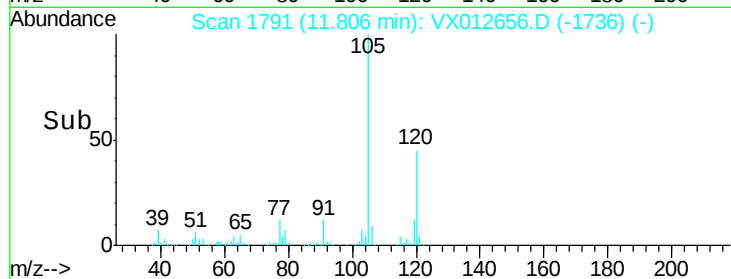
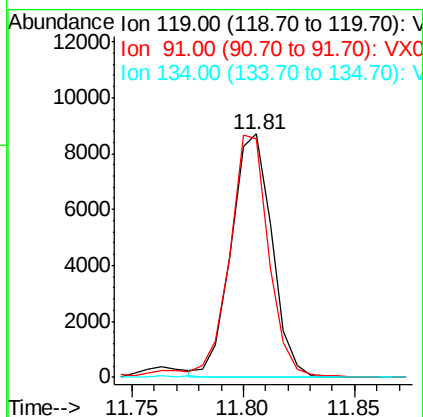
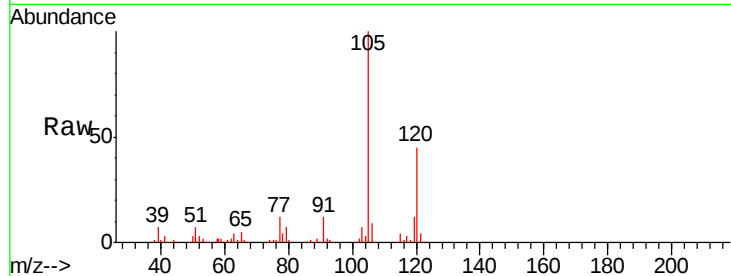




#83
 tert-Butylbenzene
 Concen: 1.649 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.04 min
 Lab File: VX012656.D
 Acq: 25 Sep 2019 13:08

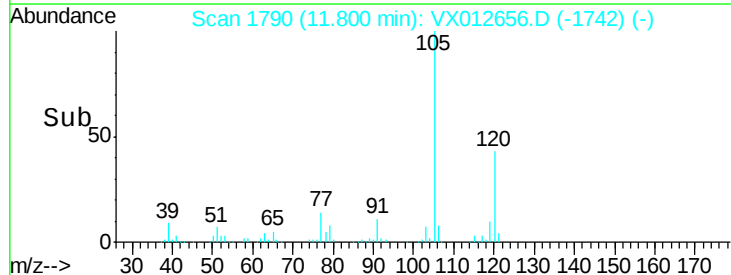
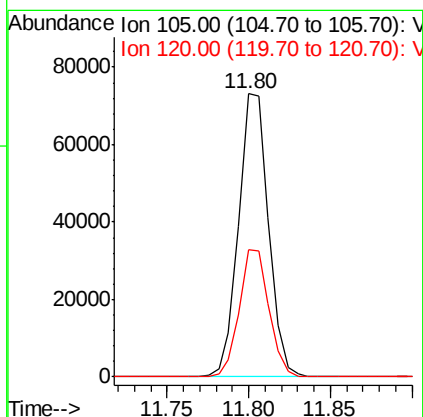
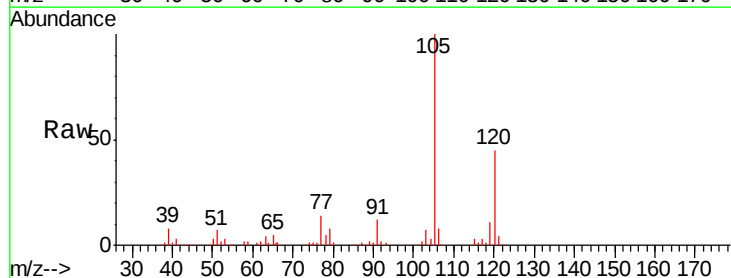
Instrument :
 MSVOA_X
 ClientSampleId :
 QNWP8-MW26S-GW

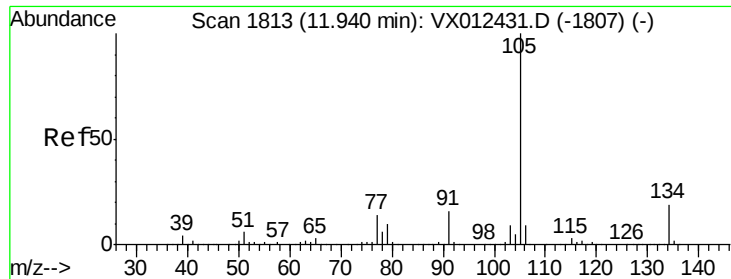
Tgt Ion:119 Resp: 11070
 Ion Ratio Lower Upper
 119 100
 91 98.6 30.0 90.0#
 134 0.0 11.3 33.9#



#84
 1,2,4-Trimethylbenzene
 Concen: 13.379 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX012656.D
 Acq: 25 Sep 2019 13:08

Tgt Ion:105 Resp: 93900
 Ion Ratio Lower Upper
 105 100
 120 44.4 22.2 66.6

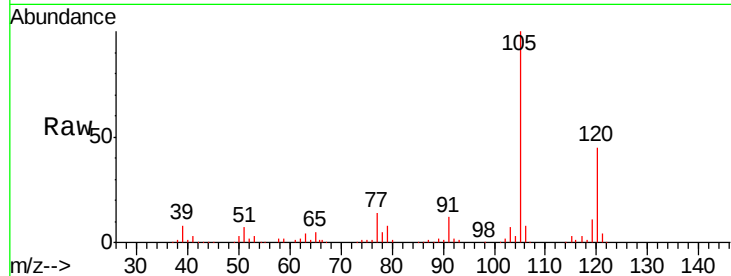




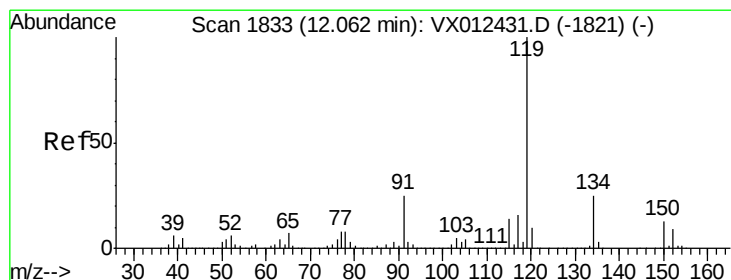
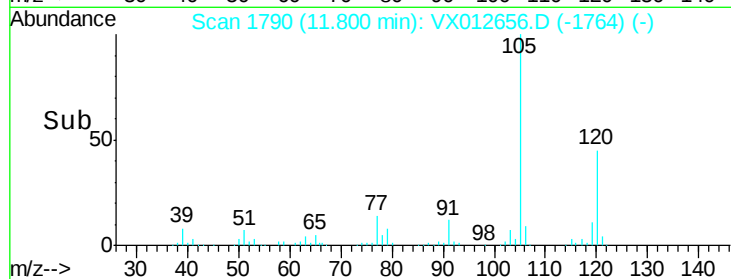
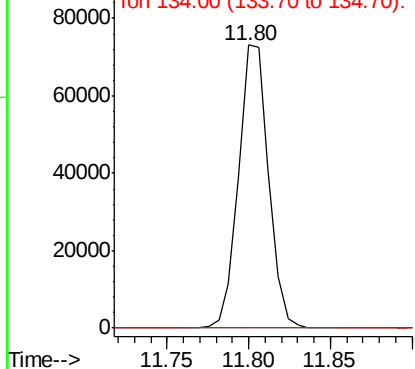
#85
sec-Butylbenzene
Concen: 12.029 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.14 min
Lab File: VX012656.D
Acq: 25 Sep 2019 13:08

Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW26S-GW

Tgt Ion:105 Resp: 93900
Ion Ratio Lower Upper
105 100
134 0.0 9.8 29.4#

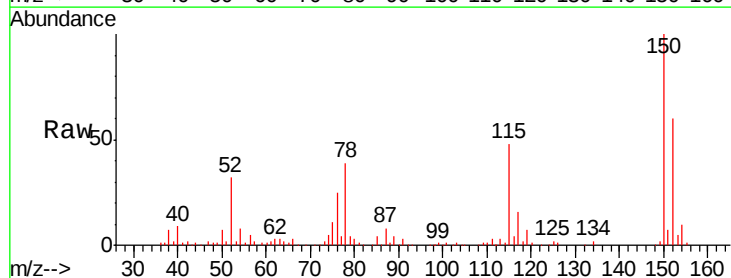


Abundance Ion 105.00 (104.70 to 105.70): V
Ion 134.00 (133.70 to 134.70): V

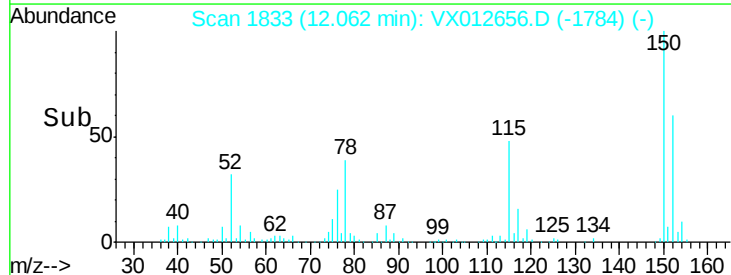
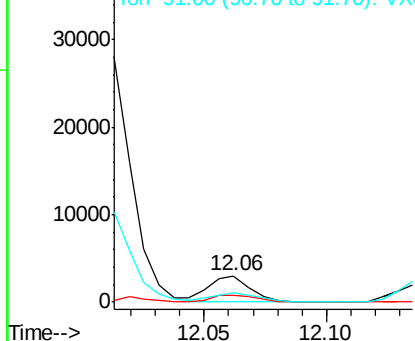


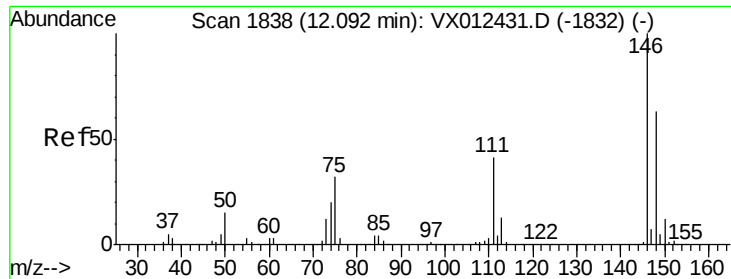
#86
p-Isopropyltoluene
Concen: 0.498 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX012656.D
Acq: 25 Sep 2019 13:08

Tgt Ion:119 Resp: 3509
Ion Ratio Lower Upper
119 100
134 29.2 12.7 38.1
91 42.2 12.8 38.4#



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





#88

1,4-Dichlorobenzene

Concen: 0.290 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VX012656.D

Acq: 25 Sep 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

QNWP8-MW26S-GW

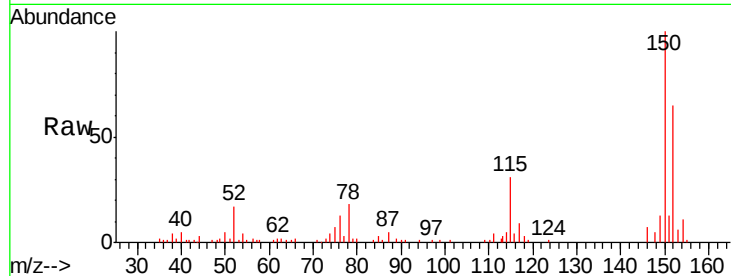
Tgt Ion:146 Resp: 990

Ion Ratio Lower Upper

146 100

111 0.0 21.1 63.3#

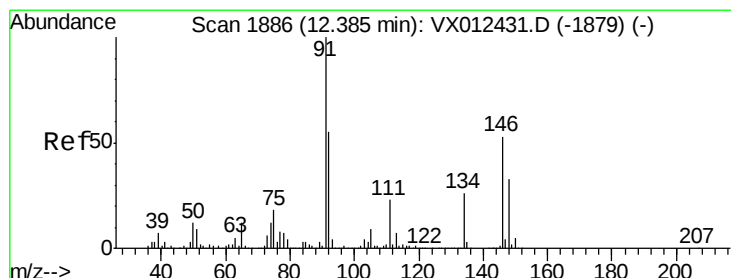
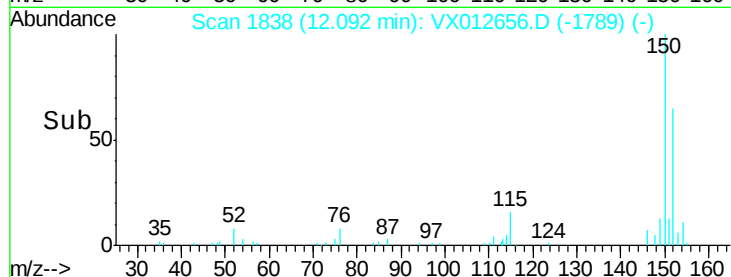
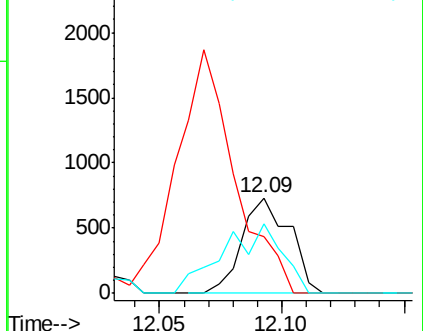
148 91.0 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 0.428 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX012656.D

Acq: 25 Sep 2019 13:08

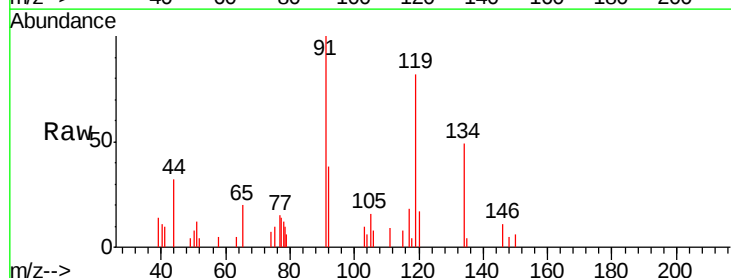
Tgt Ion: 91 Resp: 2658

Ion Ratio Lower Upper

91 100

92 37.8 27.7 83.0

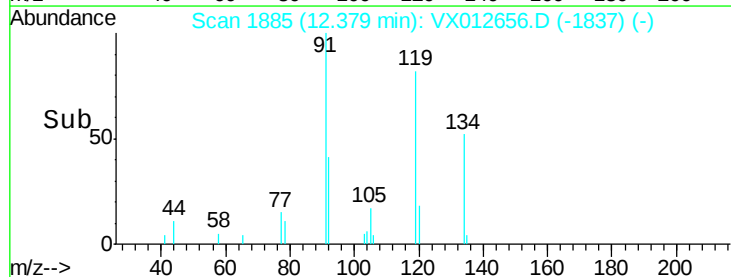
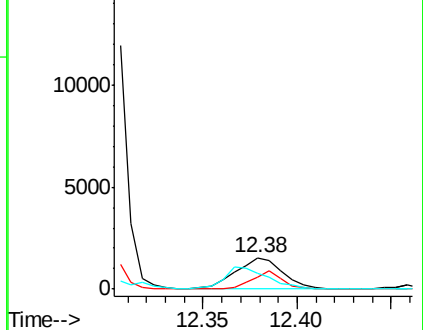
134 63.9 12.9 38.6#

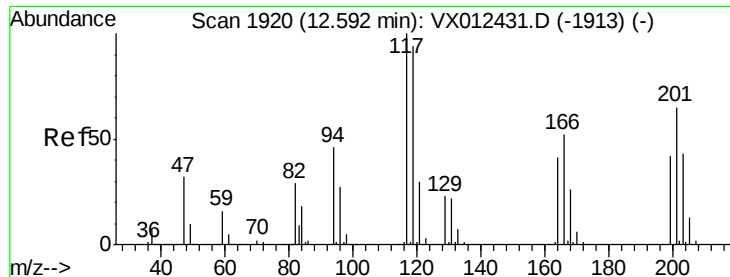


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 14.008 ug/l

RT: 12.46 min Scan# 1899

Delta R.T. -0.13 min

Lab File: VX012656.D

Acq: 25 Sep 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

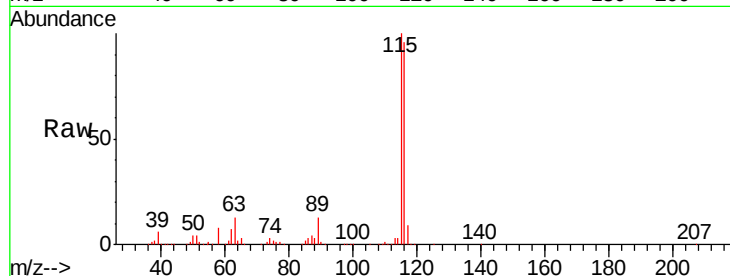
QNWP8-MW26S-GW

Tgt Ion:117 Resp: 17591

Ion Ratio Lower Upper

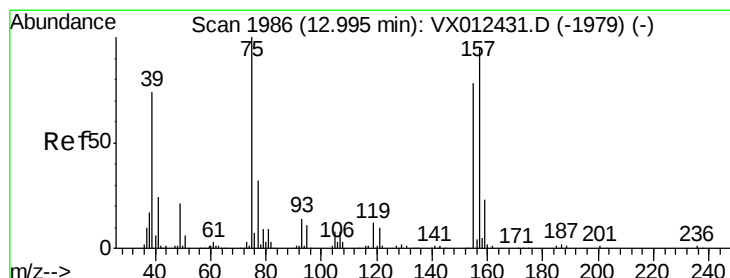
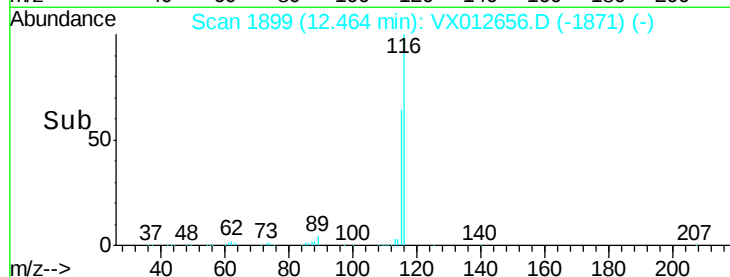
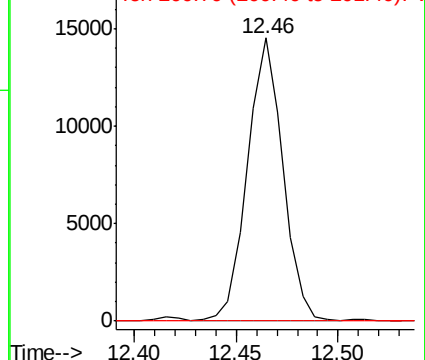
117 100

201 0.0 33.3 99.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 6.185 ug/l

RT: 13.02 min Scan# 1990

Delta R.T. 0.02 min

Lab File: VX012656.D

Acq: 25 Sep 2019 13:08

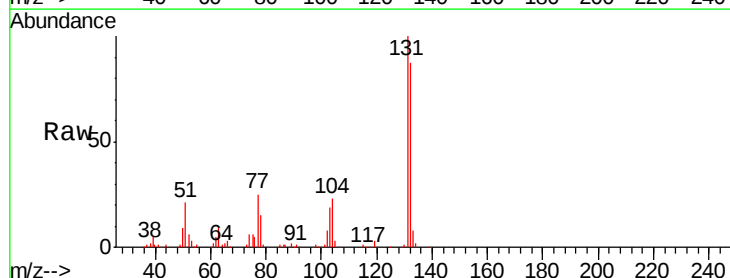
Tgt Ion: 75 Resp: 4251

Ion Ratio Lower Upper

75 100

155 0.0 38.6 115.8#

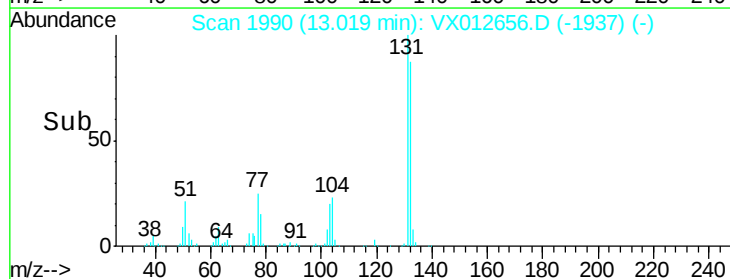
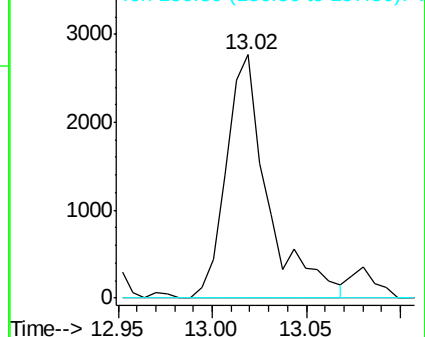
157 0.0 50.6 151.9#

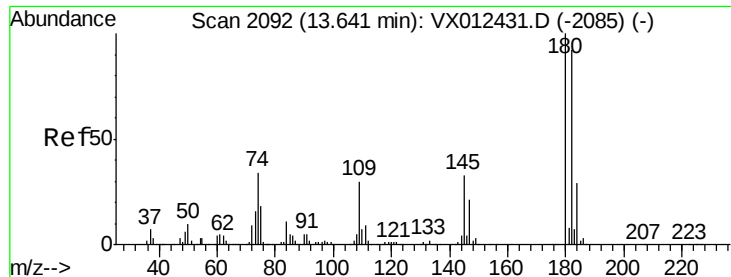


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 0.480 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. 0.00 min

Lab File: VX012656.D

Acq: 25 Sep 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

QNWP8-MW26S-GW

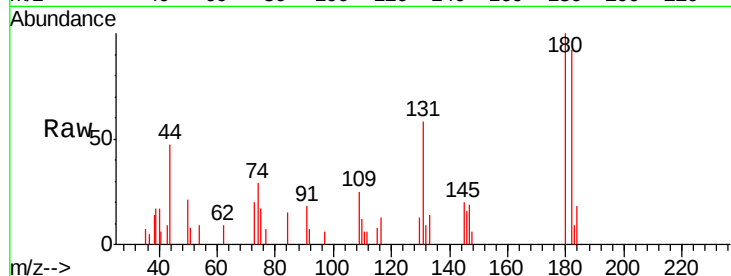
Tgt Ion:180 Resp: 991

Ion Ratio Lower Upper

180 100

182 101.8 47.0 141.0

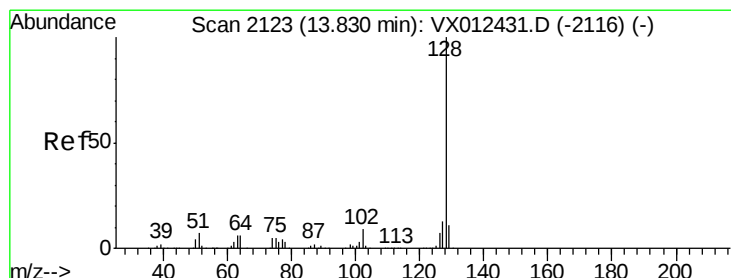
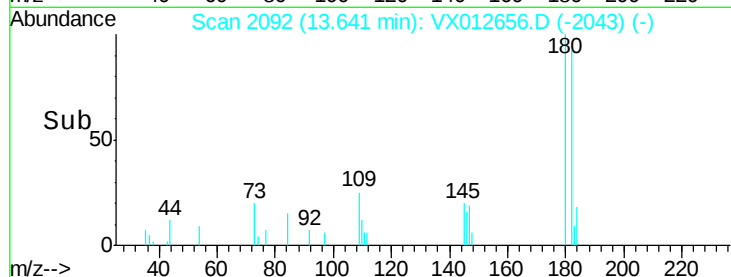
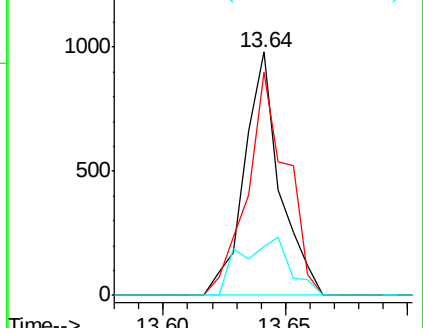
145 33.2 16.8 50.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#95

Naphthalene

Concen: 390.549 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX012656.D

Acq: 25 Sep 2019 13:08

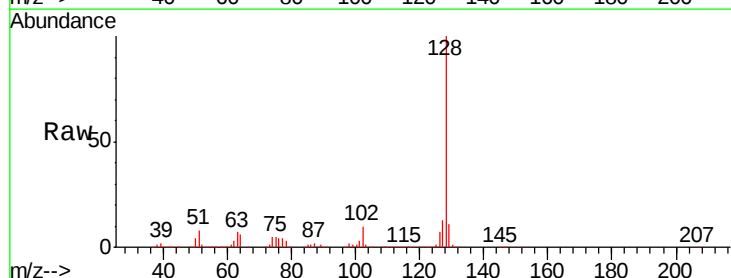
Tgt Ion:128 Resp: 2915432

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

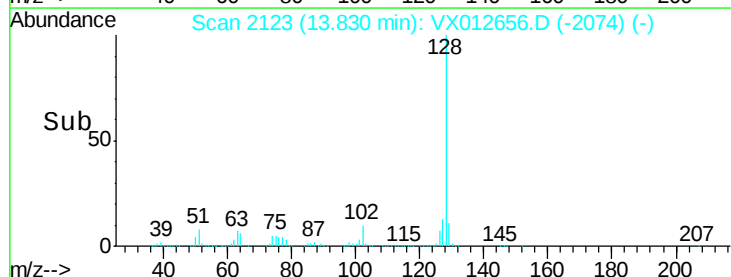
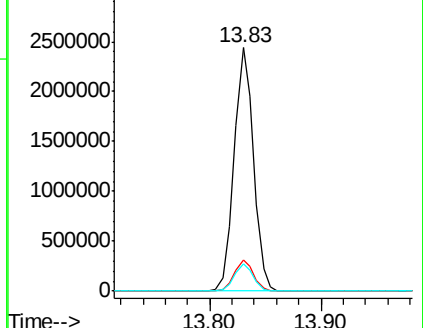
129 11.1 8.8 13.2

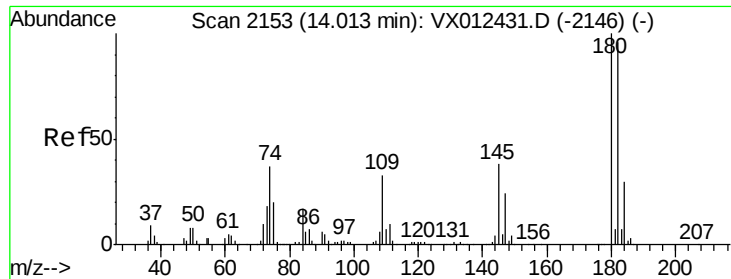


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

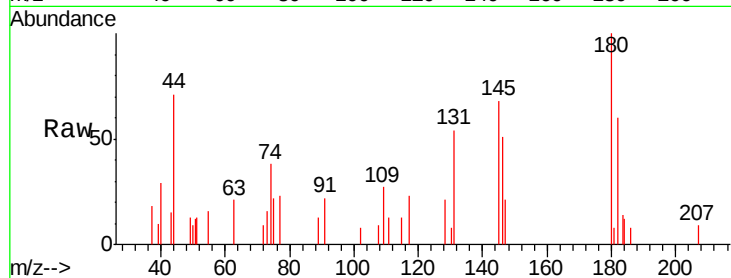




#96
 1,2,3-Trichlorobenzene
 Concen: 0.384 ug/l
 RT: 14.01 min Scan# 2153
 Delta R.T. 0.00 min
 Lab File: VX012656.D
 Acq: 25 Sep 2019 13:08

Instrument :
 MSVOA_X
 ClientSampleId :
 QNWP8-MW26S-GW

Tgt Ion	Ratio	Lower	Upper
180	100		
182	74.8	47.1	141.3
145	92.2	18.0	54.0



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

