

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040119\
 Data File : VX008571.D
 Acq On : 01 Apr 2019 16:10
 Operator : JC/SP
 Sample : K2176-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 QNWP8-MW27S-GW

Quant Time: Apr 02 01:12:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 26 07:57:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	220320	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	364423	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	312968	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	135446	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	153214	45.87	ug/l	0.00
Spiked Amount			Recovery	=	91.74%	
35) Dibromofluoromethane	5.50	113	113198	47.64	ug/l	0.00
Spiked Amount			Recovery	=	95.28%	
50) Toluene-d8	8.71	98	456825	48.08	ug/l	0.00
Spiked Amount			Recovery	=	96.16%	
62) 4-Bromofluorobenzene	11.13	95	157009	44.59	ug/l	0.00
Spiked Amount			Recovery	=	89.18%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	11486	2.897	ug/l #	54
5) Bromomethane	1.65	94	210	1.914	ug/l #	45
6) Chloroethane	1.96	64	2256	1.050	ug/l #	62
10) Methyl Iodide	2.51	142	80	4.160	ug/l #	42
11) Tert butyl alcohol	3.04	59	1947	2.631	ug/l #	72
13) Acrolein	2.28	56	161	0.300	ug/l #	14
16) Acetone	2.44	43	8781	5.030	ug/l	98
17) Carbon Disulfide	2.57	76	6111	0.451	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	29775	3.224	ug/l	99
20) Methylene Chloride	2.85	84	832	Below Cal		94
21) trans-1,2-Dichloroethene	3.25	96	20	Below Cal	#	45
25) 2-Butanone	4.68	43	942	0.337	ug/l #	68
31) Cyclohexane	5.57	56	1941	0.363	ug/l	89
36) 1,1-Dichloropropene	5.67	75	18494	4.760	ug/l #	51
38) Carbon Tetrachloride	5.66	117	20898	6.445	ug/l #	16
39) Methylcyclohexane	7.46	83	1867	0.402	ug/l #	94
40) Benzene	6.15	78	5054747	434.540	ug/l	100
42) 1,2-Dichloroethane	6.15	62	42464	9.970	ug/l #	76
49) 1,4-Dioxane	7.74	88	1636	20.424	ug/l #	84
52) Toluene	8.78	92	24030	3.455	ug/l	100
67) Ethyl Benzene	10.25	91	772552	60.144	ug/l	99
68) m/p-Xylenes	10.36	106	22821	4.884	ug/l	98
69) o-Xylene	10.69	106	34147	7.530	ug/l	98
70) Styrene	10.69	104	2474	0.316	ug/l #	1
73) Isopropylbenzene	11.02	105	119830	10.875	ug/l	99
76) 1,2,3-Trichloropropane	11.13	75	81072	20.134	ug/l #	34
78) n-propylbenzene	11.36	91	32226	2.497	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	2937	0.315	ug/l	92
81) trans-1,4-Dichloro-2-buten	11.13	75	81072	64.485	ug/l #	9
83) tert-Butylbenzene	12.02	119	2137	0.238	ug/l	70
84) 1,2,4-Trimethylbenzene	11.80	105	62019	6.582	ug/l	99
85) sec-Butylbenzene	11.80	105	62019	5.794	ug/l #	59
86) p-Isopropyltoluene	12.06	119	7582	0.803	ug/l #	74
89) n-Butylbenzene	12.30	91	150140	16.781	ug/l #	44

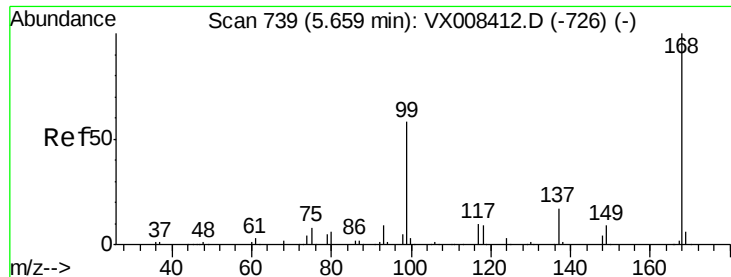
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040119\
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Quant Time: Apr 02 01:12:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 26 07:57:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	12.76	117	76365	48.534	ug/l #	10
92) 1,2-Dibromo-3-Chloropropan	13.02	75	18784	20.150	ug/l #	4
95) Naphthalene	13.83	128	1460209	132.205	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX008571.D

Acq: 01 Apr 2019 16:10

Instrument :

MSVOA_X

ClientSampleId :

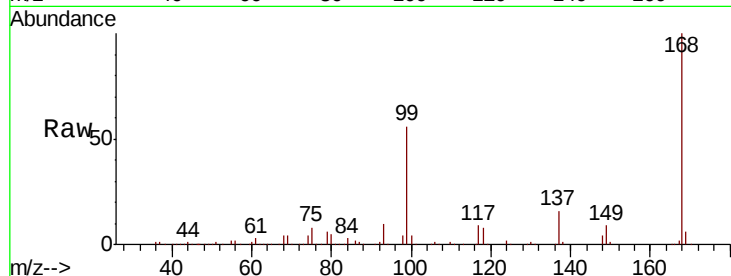
QNWP8-MW27S-GW

Tot Ion:168 Resp: 220320

Ion Ratio Lower Upper

168 100

99 56.3 46.0 69.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

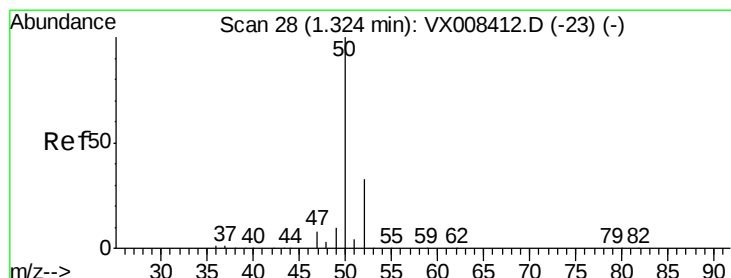
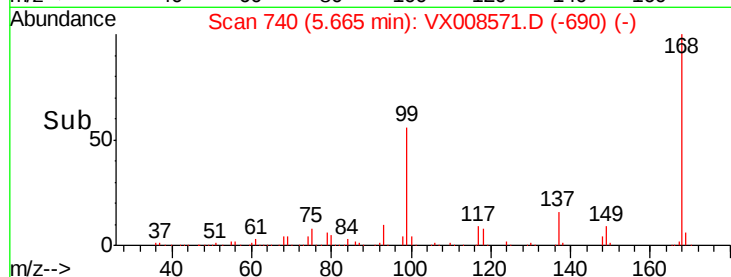
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 2.897 ug/l

RT: 1.32 min Scan# 27

Delta R.T. -0.01 min

Lab File: VX008571.D

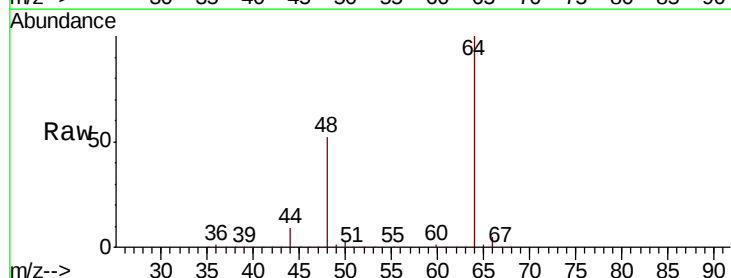
Acq: 01 Apr 2019 16:10

Tgt Ion: 50 Resp: 11486

Ion Ratio Lower Upper

50 100

52 6.8 26.2 39.2#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

3000

2500

2000

1500

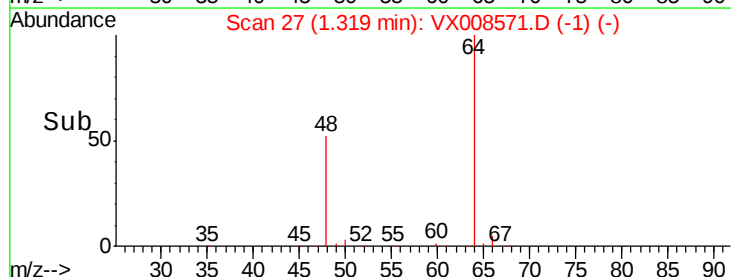
1000

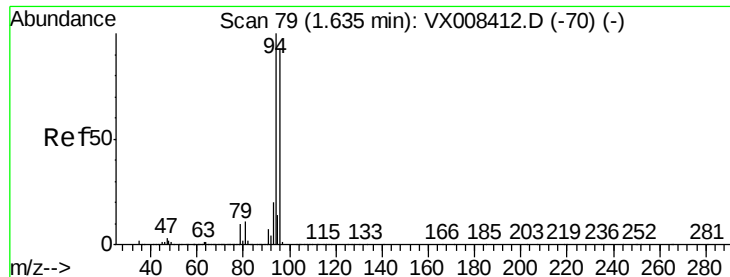
500

0

Time-->

1.25 1.30 1.35 1.40





#5

Bromomethane

Concen: 1.914 ug/l

RT: 1.65 min Scan# 82

Delta R.T. 0.02 min

Lab File: VX008571.D

Acq: 01 Apr 2019 16:10

Instrument :

MSVOA_X

ClientSampleId :

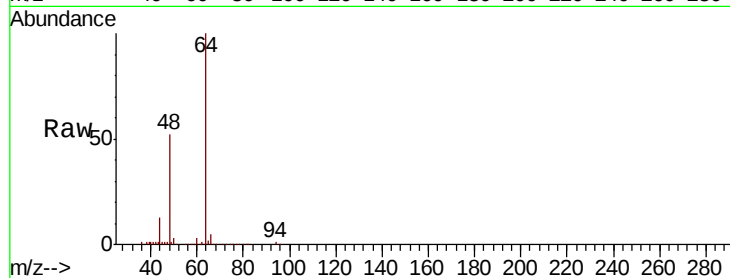
QNWP8-MW27S-GW

Tot Ion: 94 Resp: 210

Ion Ratio Lower Upper

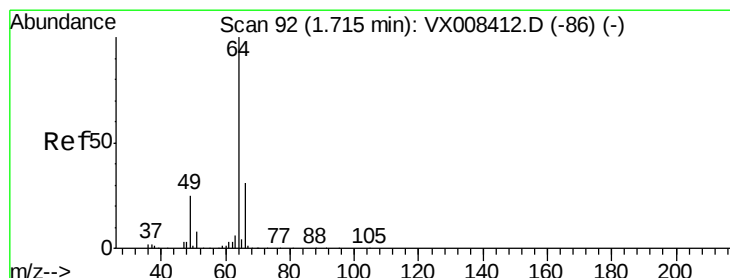
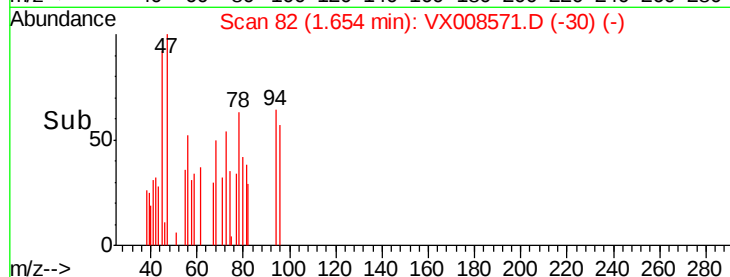
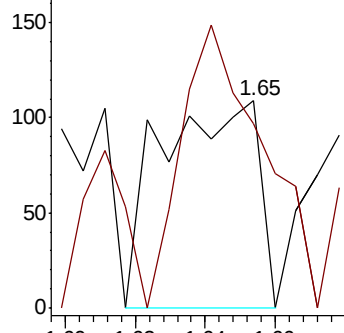
94 100

96 40.4 74.8 112.2#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 1.050 ug/l

RT: 1.96 min Scan# 133

Delta R.T. 0.25 min

Lab File: VX008571.D

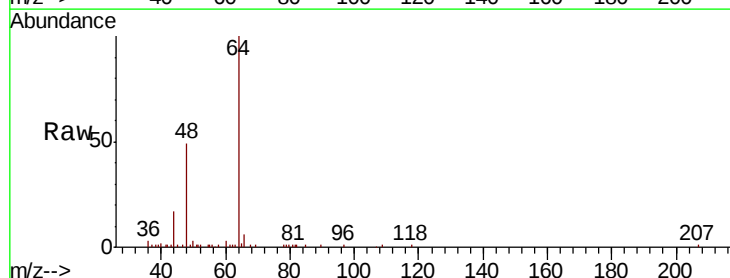
Acq: 01 Apr 2019 16:10

Tgt Ion: 64 Resp: 2256

Ion Ratio Lower Upper

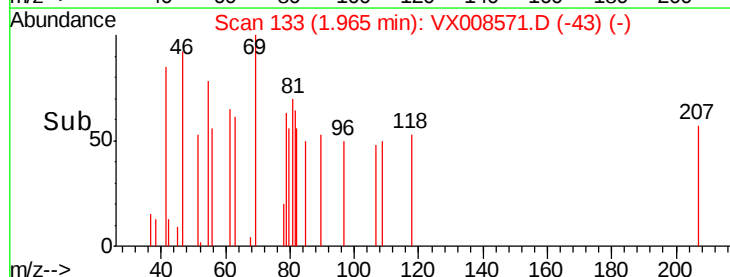
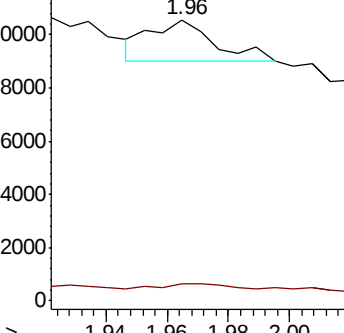
64 100

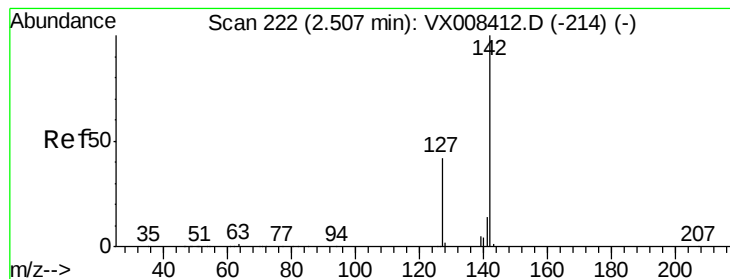
66 10.4 25.1 37.7#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#10

Methvl Iodide

Concen: 4.160 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX008571.D

Acq: 01 Apr 2019 16:10

Instrument :

MSVOA_X

ClientSampleId :

QNWP8-MW27S-GW

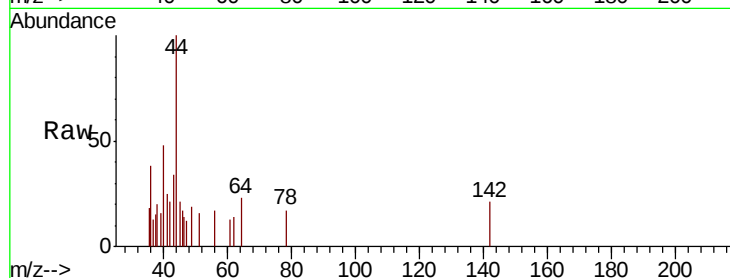
Tot Ion:142 Resp: 80

Ion Ratio Lower Upper

142 100

127 0.0 33.6 50.4#

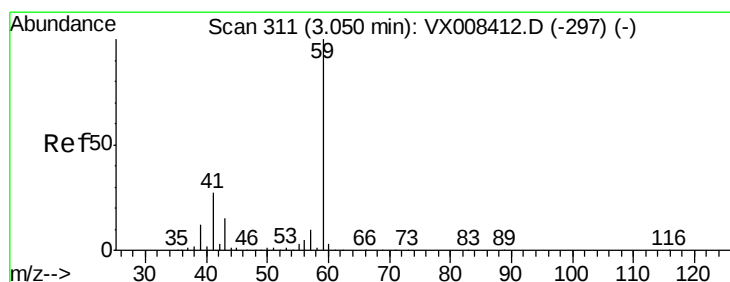
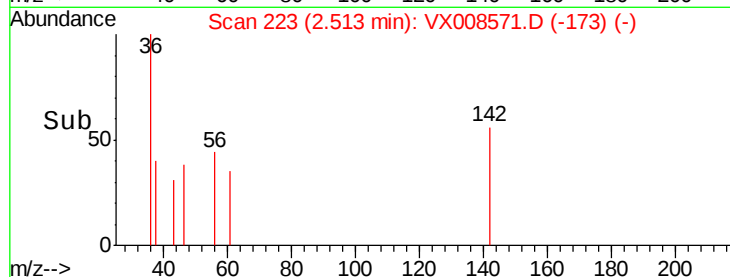
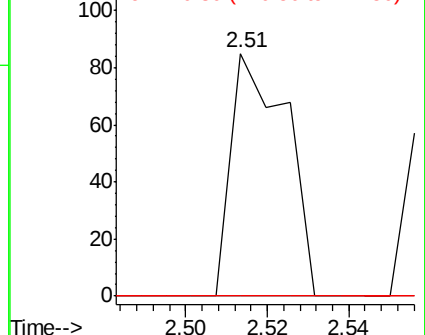
141 0.0 11.3 16.9#



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: 2.631 ug/l

RT: 3.04 min Scan# 309

Delta R.T. -0.01 min

Lab File: VX008571.D

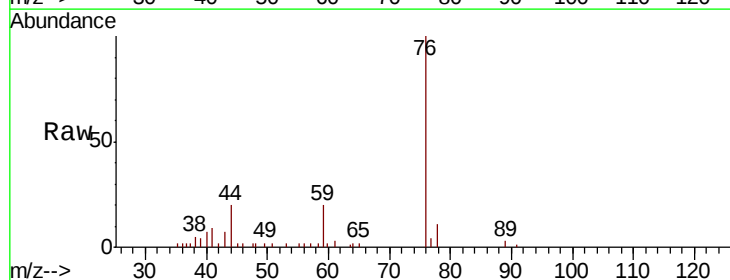
Acq: 01 Apr 2019 16:10

Tgt Ion: 59 Resp: 1947

Ion Ratio Lower Upper

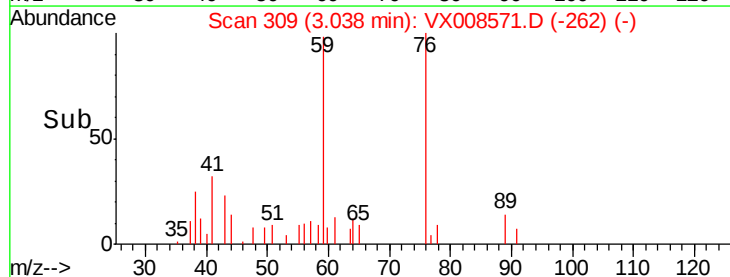
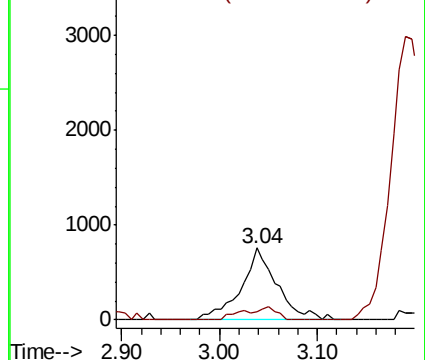
59 100

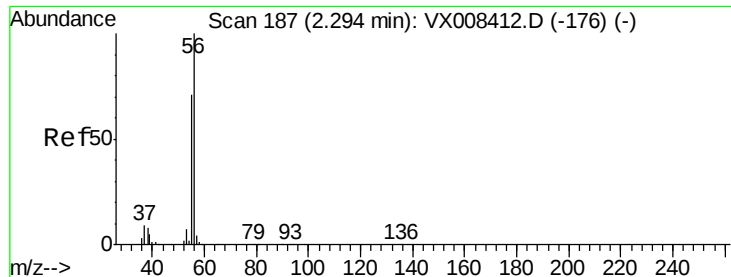
57 0.0 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#13

Acrolein

Concen: 0.300 ug/l

RT: 2.28 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX008571.D

Acq: 01 Apr 2019 16:10

Instrument :

MSVOA_X

ClientSampleId :

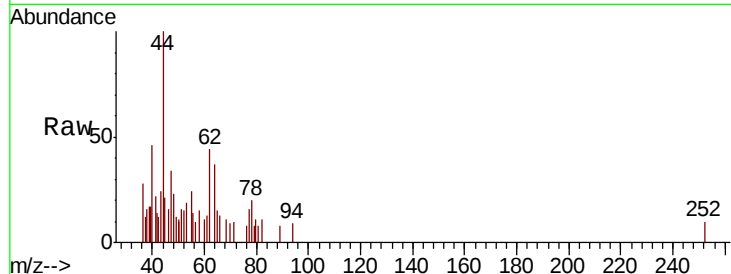
QNWP8-MW27S-GW

Tot Ion: 56 Resp: 161

Ion Ratio Lower Upper

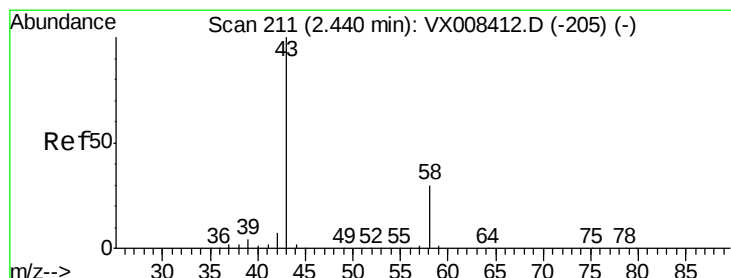
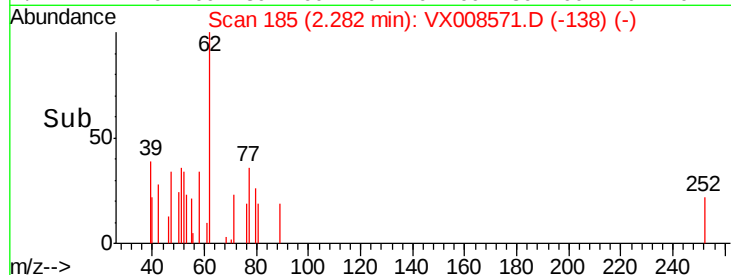
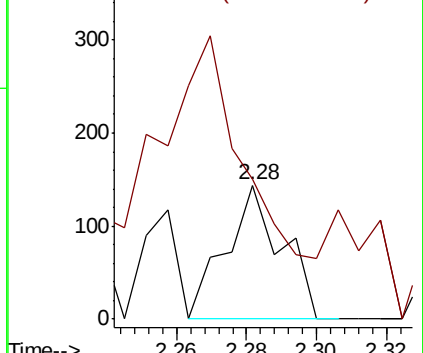
56 100

55 0.0 56.5 84.7#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#16

Acetone

Concen: 5.030 ug/l

RT: 2.44 min Scan# 211

Delta R.T. 0.00 min

Lab File: VX008571.D

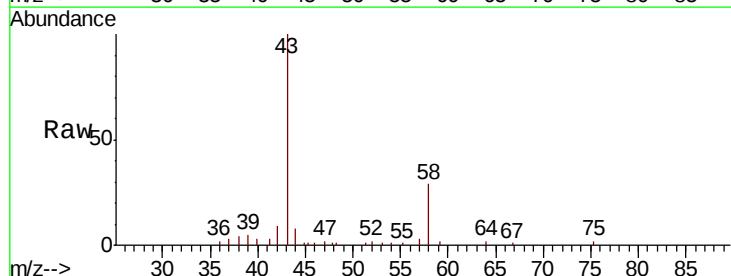
Acq: 01 Apr 2019 16:10

Tgt Ion: 43 Resp: 8781

Ion Ratio Lower Upper

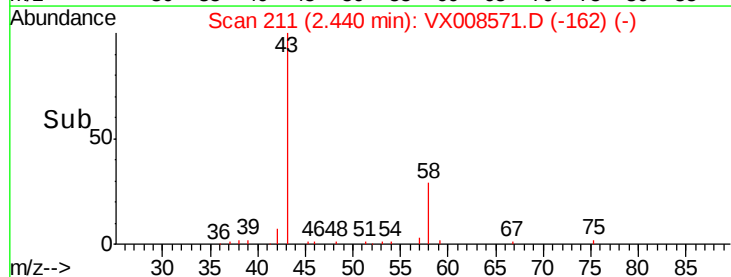
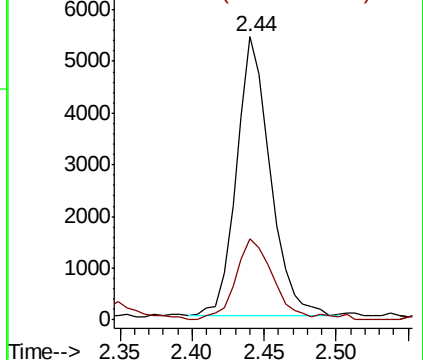
43 100

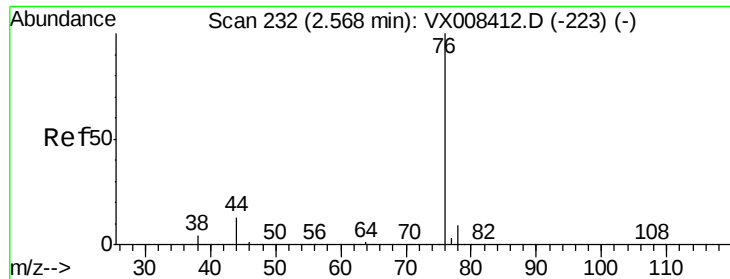
58 28.9 24.2 36.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

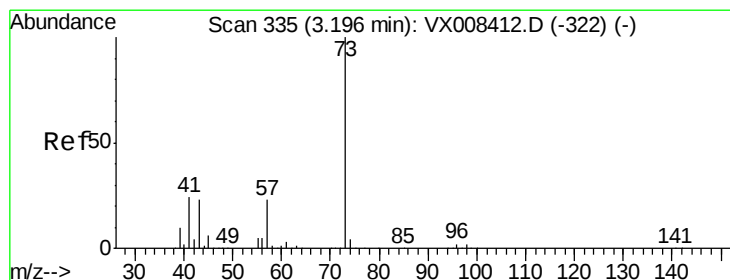
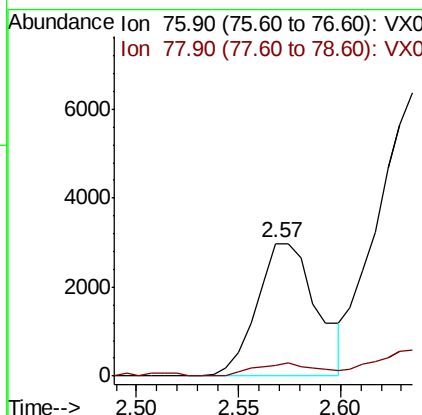
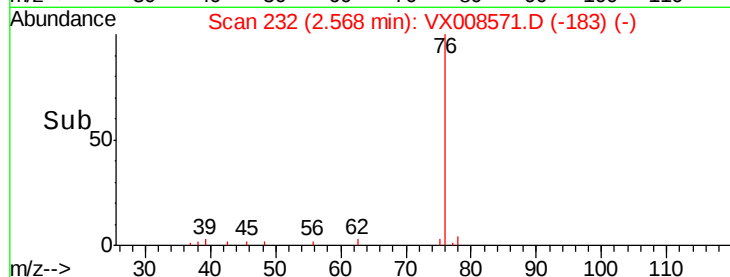
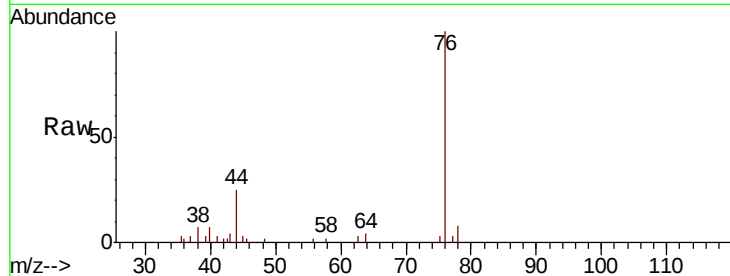




#17
Carbon Disulfide
Concen: 0.451 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX008571.D
Acq: 01 Apr 2019 16:10

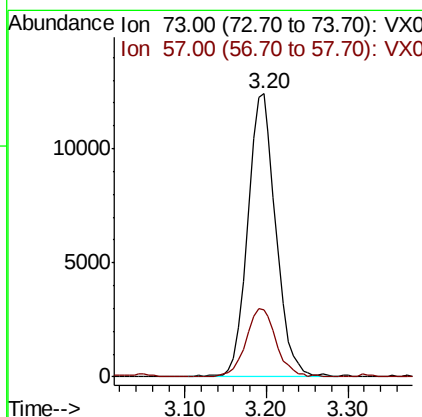
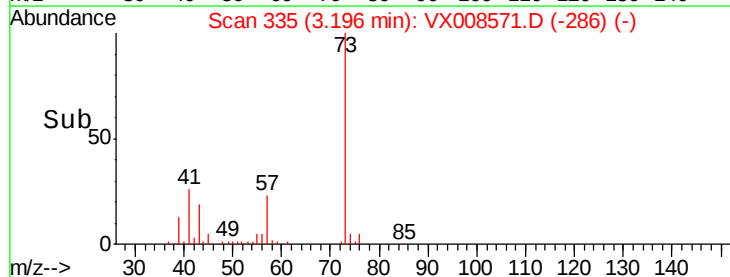
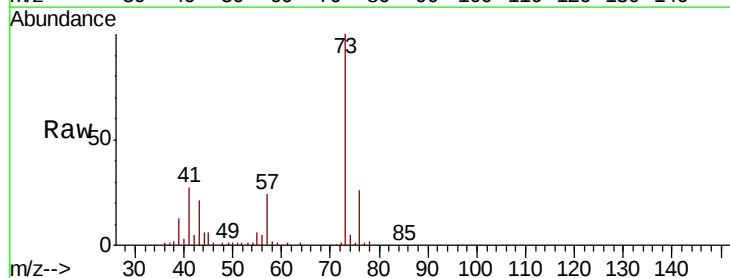
Instrument :
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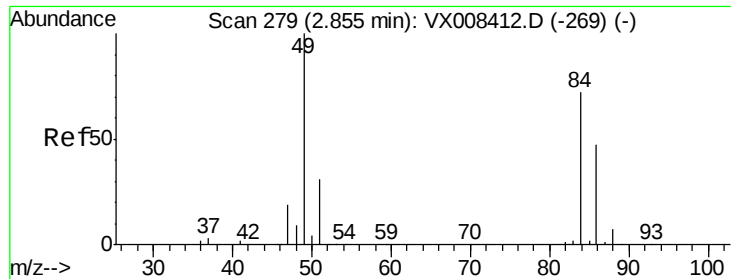
Tot Ion: 76 Resp: 6111
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.2



#19
Methyl tert-butyl Ether
Concen: 3.224 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX008571.D
Acq: 01 Apr 2019 16:10

Tgt Ion: 73 Resp: 29775
Ion Ratio Lower Upper
73 100
57 23.9 18.6 28.0

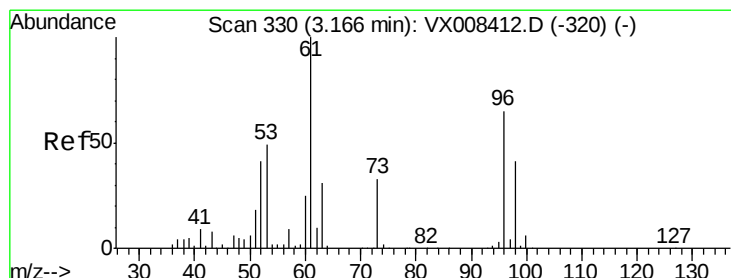
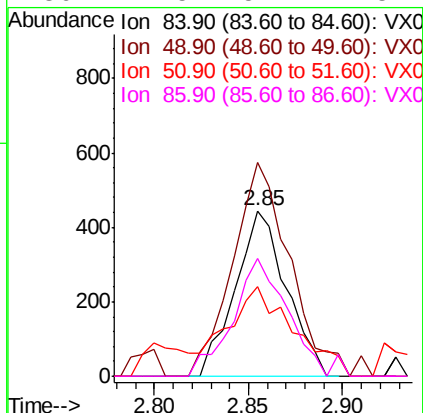
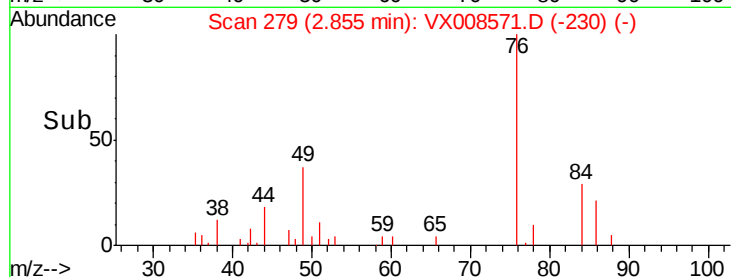
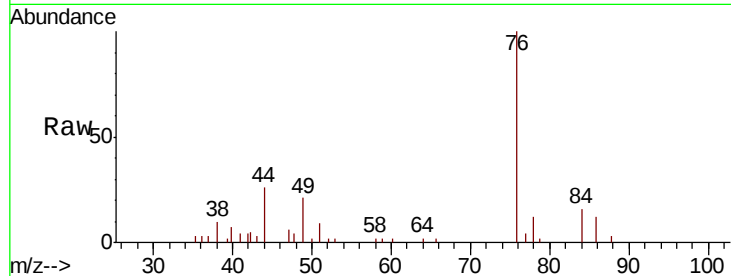




#20
Methvlene Chloride
Concen: Below Cal
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX008571.D
Acq: 01 Apr 2019 16:10

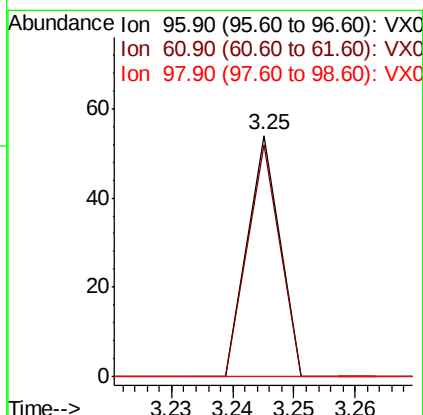
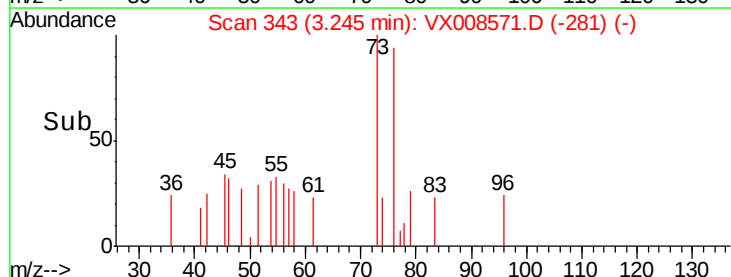
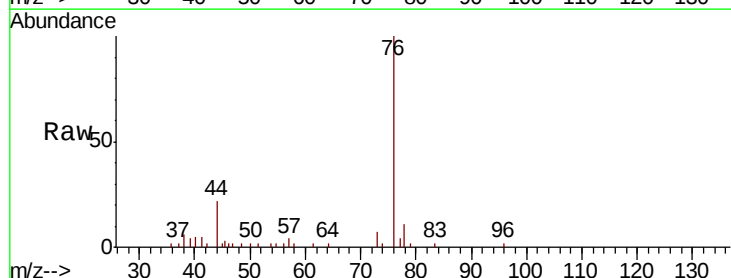
Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW27S-GW

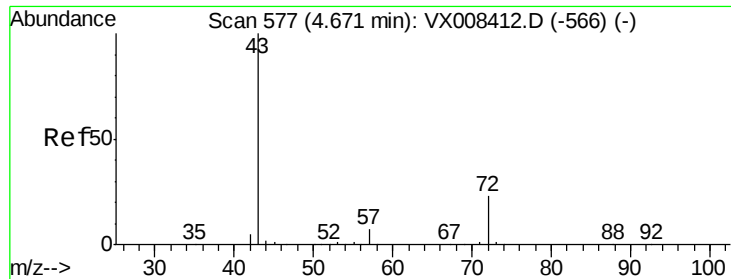
Tot Ion: 84 Resp: 832
Ion Ratio Lower Upper
84 100
49 129.0 110.6 165.8
51 42.0 33.9 50.9
86 71.5 52.2 78.2



#21
trans-1,2-Dichloroethene
Concen: Below Cal
RT: 3.25 min Scan# 343
Delta R.T. 0.08 min
Lab File: VX008571.D
Acq: 01 Apr 2019 16:10

Tgt Ion: 96 Resp: 20
Ion Ratio Lower Upper
96 100
61 96.3 122.6 184.0#
98 0.0 50.9 76.3#





#25

2-Butanone

Concen: 0.337 ug/l

RT: 4.68 min Scan# 579

Delta R.T. 0.01 min

Lab File: VX008571.D

Acq: 01 Apr 2019 16:10

Instrument :

MSVOA_X

ClientSampleId :

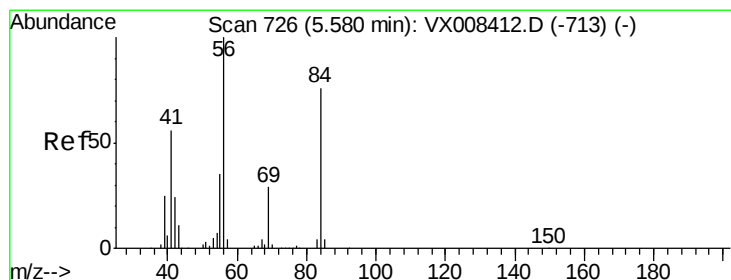
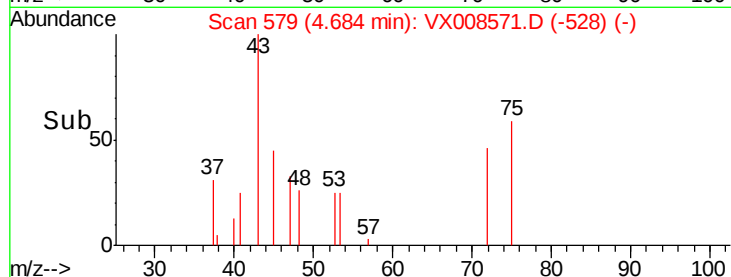
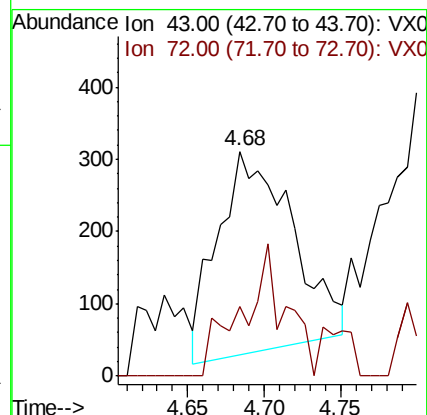
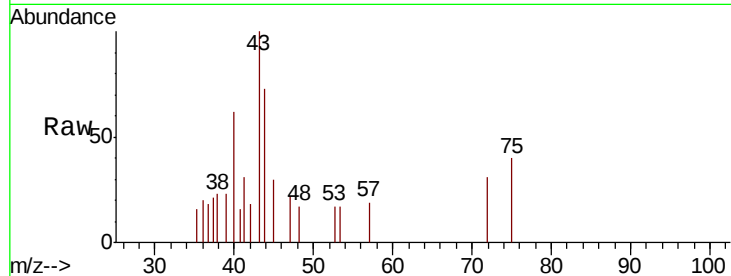
QNWP8-MW27S-GW

Tot Ion: 43 Resp: 942

Ion Ratio Lower Upper

43 100

72 38.7 18.6 28.0#



#31

Cyclohexane

Concen: 0.363 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX008571.D

Acq: 01 Apr 2019 16:10

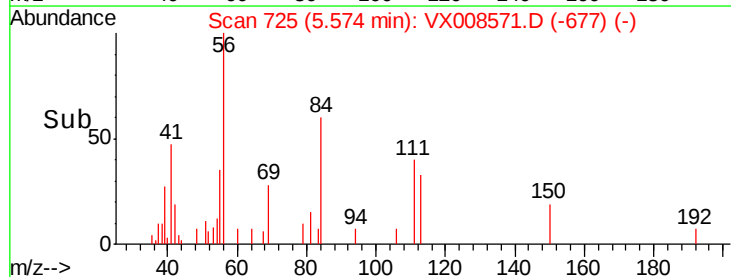
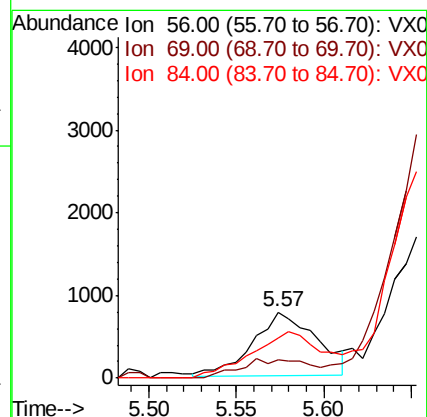
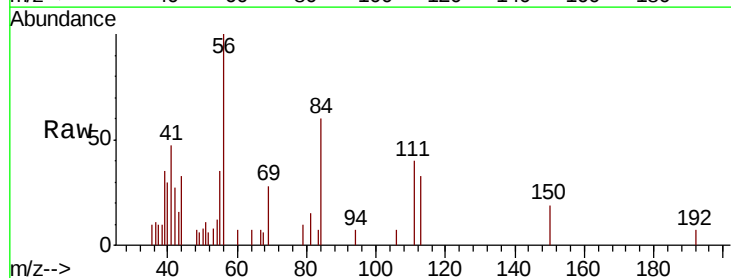
Tgt Ion: 56 Resp: 1941

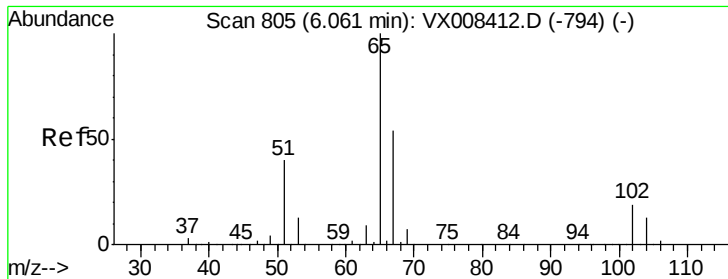
Ion Ratio Lower Upper

56 100

69 30.4 23.2 34.8

84 64.3 60.7 91.1





#33

1,2-Dichloroethane-d4

Concen: 45.871 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX008571.D

Acq: 01 Apr 2019 16:10

Instrument :

MSVOA_X

ClientSampleId :

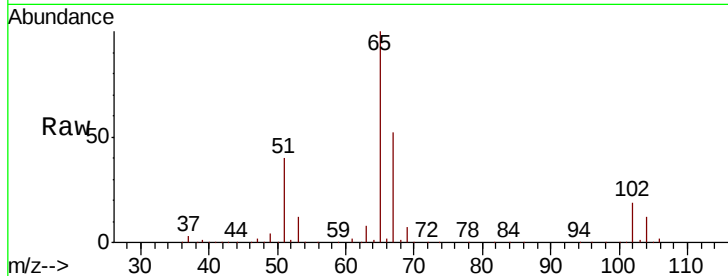
QNWP8-MW27S-GW

Tot Ion: 65 Resp: 153214

Ion Ratio Lower Upper

65 100

67 53.8 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

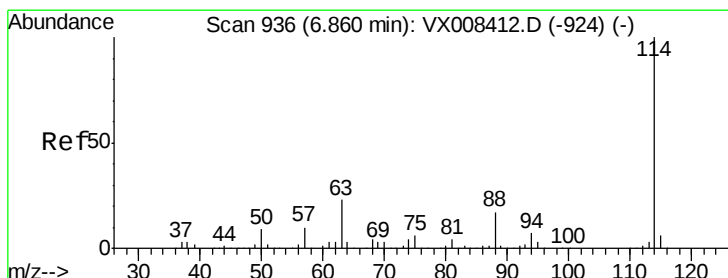
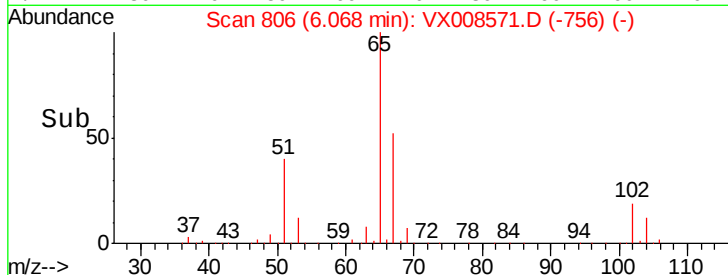
60000

40000

20000

0

Time--> 5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX008571.D

Acq: 01 Apr 2019 16:10

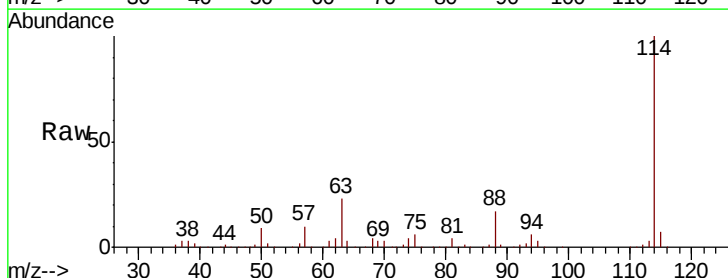
Tgt Ion: 114 Resp: 364423

Ion Ratio Lower Upper

114 100

63 23.1 0.0 46.4

88 16.8 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

200000

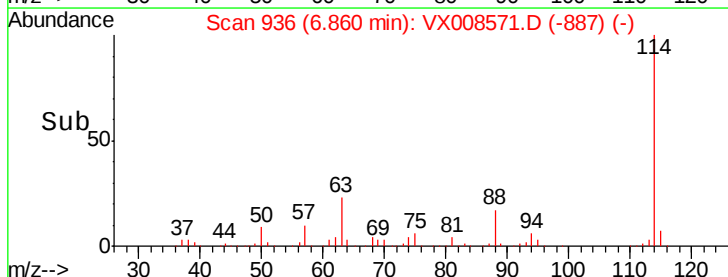
150000

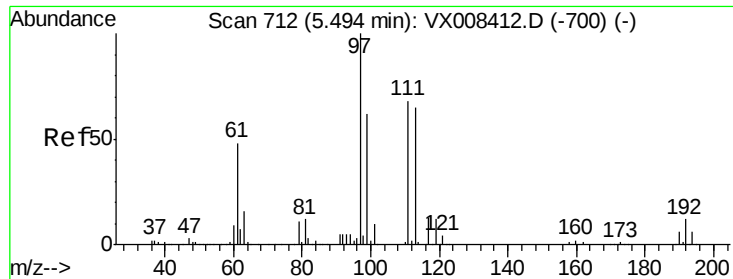
100000

50000

0

Time--> 6.70 6.80 6.90 7.00 7.10





#35

Dibromofluoromethane

Concen: 47.638 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX008571.D

Acq: 01 Apr 2019 16:10

Instrument :

MSVOA_X

ClientSampleId :

QNWP8-MW27S-GW

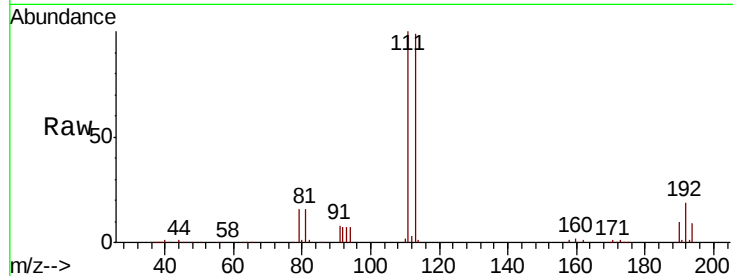
Tot Ion:113 Resp: 113198

Ion Ratio Lower Upper

113 100

111 103.1 83.0 124.4

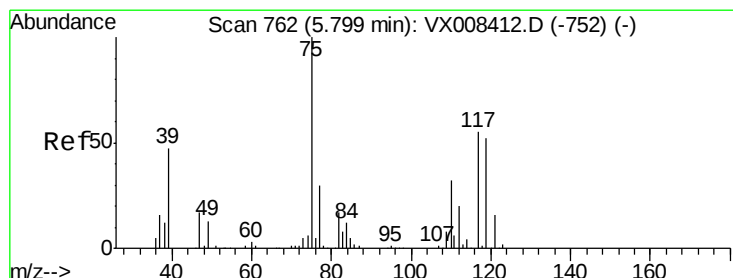
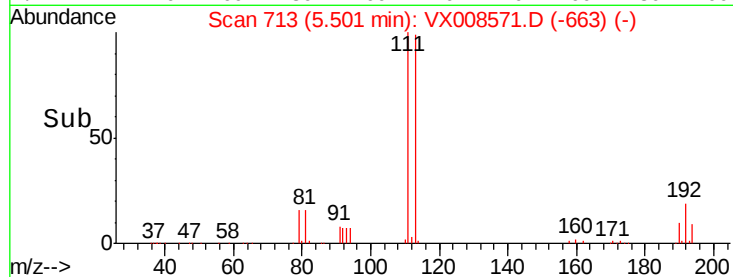
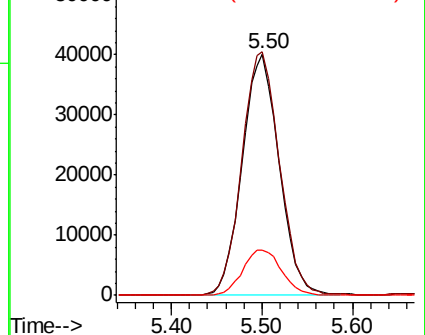
192 20.0 15.6 23.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.760 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX008571.D

Acq: 01 Apr 2019 16:10

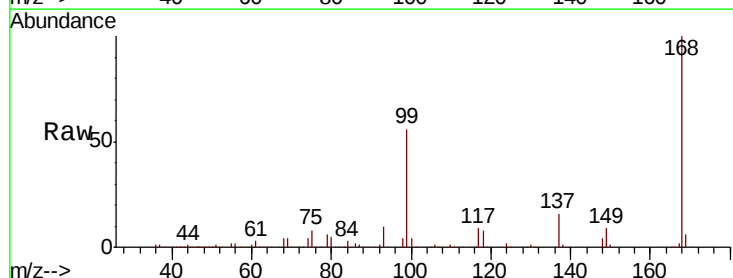
Tgt Ion: 75 Resp: 18494

Ion Ratio Lower Upper

75 100

110 8.8 16.6 49.7#

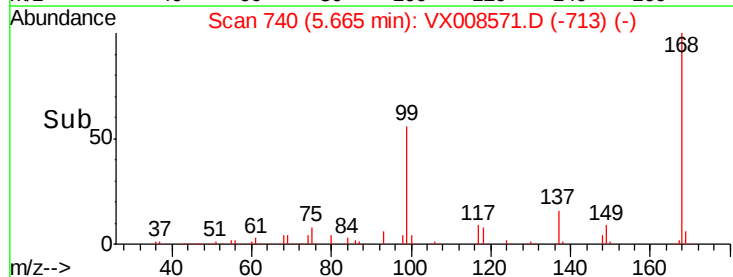
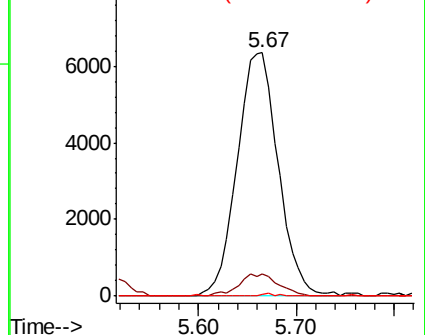
77 0.0 24.2 36.2#

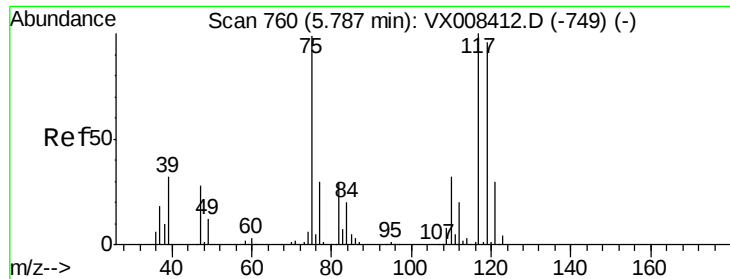


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

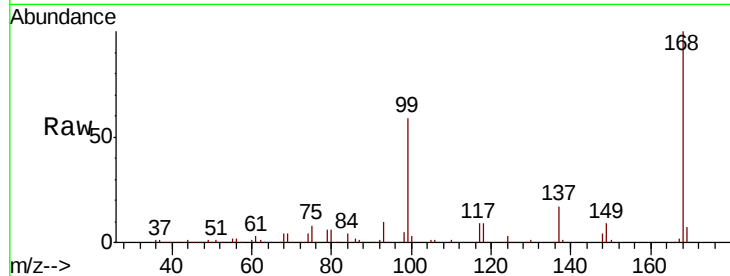




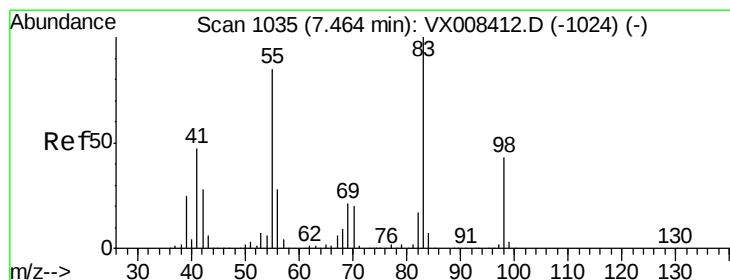
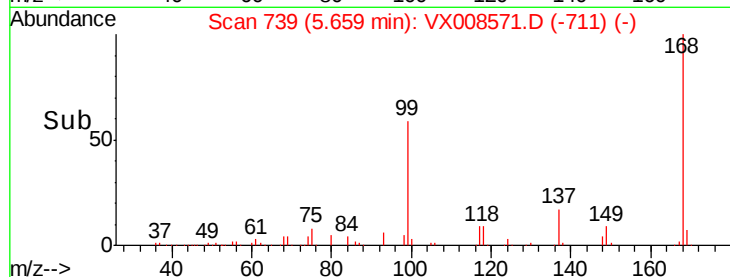
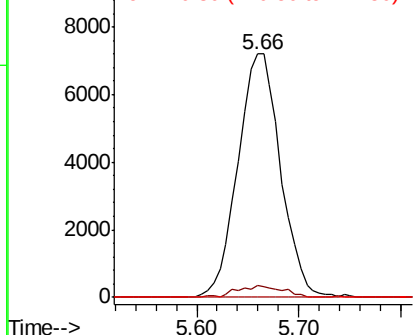
#38
Carbon Tetrachloride
Concen: 6.445 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.13 min
Lab File: VX008571.D
Acq: 01 Apr 2019 16:10

Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW27S-GW

Tot Ion:117 Resp: 20898
Ion Ratio Lower Upper
117 100
119 5.0 76.7 115.1#
121 0.0 24.3 36.5#

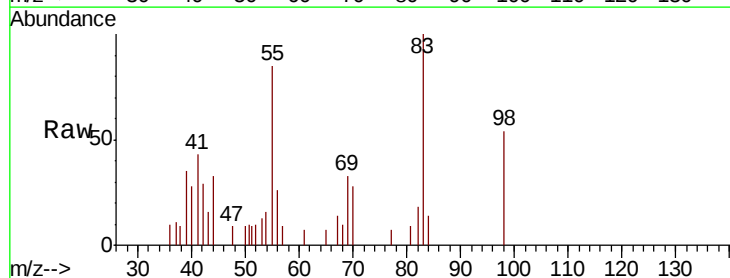


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

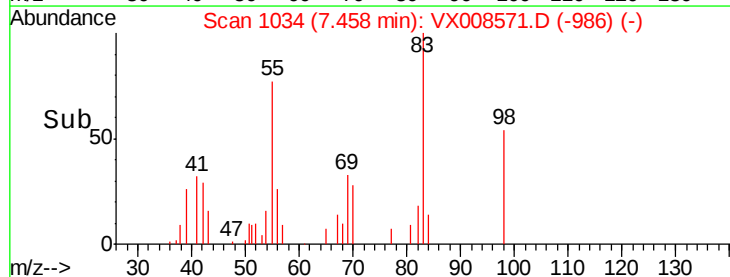
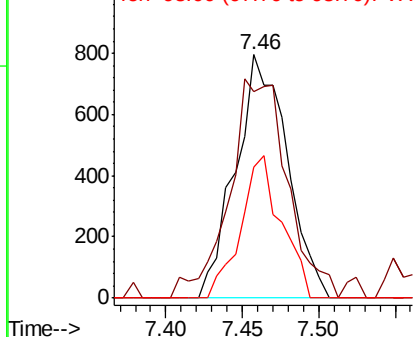


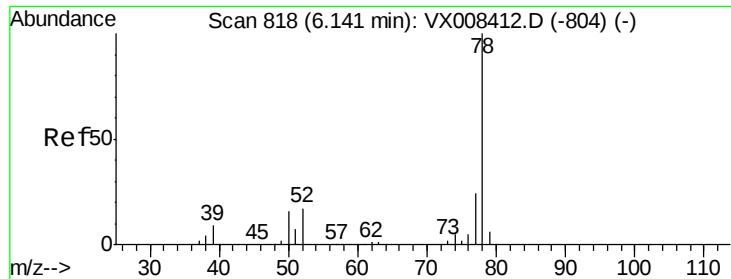
#39
Methylcyclohexane
Concen: 0.402 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX008571.D
Acq: 01 Apr 2019 16:10

Tgt Ion: 83 Resp: 1867
Ion Ratio Lower Upper
83 100
55 84.5 68.2 102.4
98 53.8 34.2 51.4#



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





#40

Benzene

Concen: 434.540 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX008571.D

Acq: 01 Apr 2019 16:10

Instrument :

MSVOA_X

ClientSampleId :

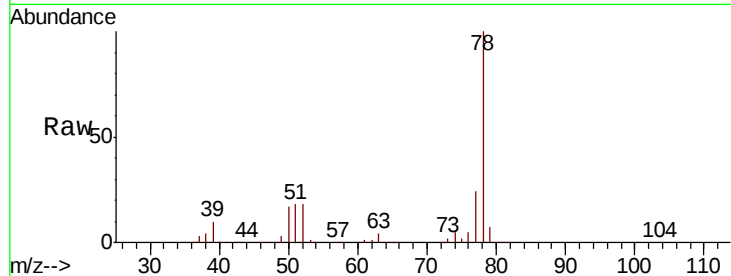
QNWP8-MW27S-GW

Tot Ion: 78 Resp: 5054747

Ion Ratio Lower Upper

78 100

77 24.3 19.3 28.9



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

6.15

2000000

1500000

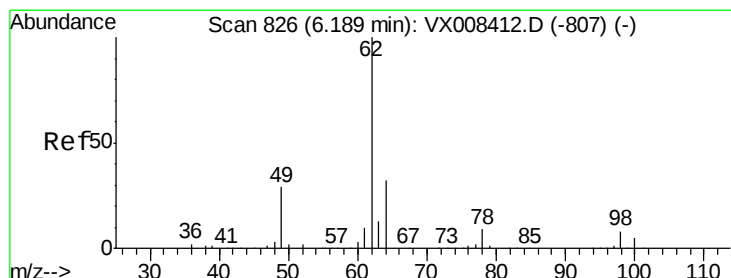
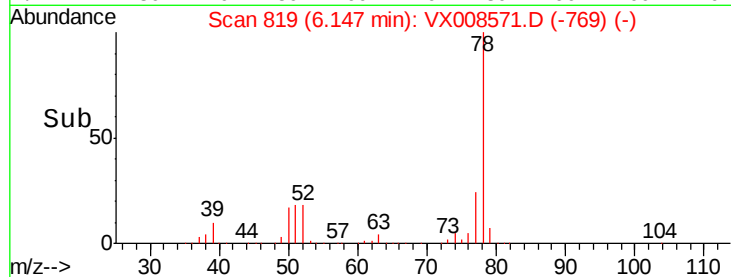
1000000

500000

0

Time-->

6.00 6.20 6.40



#42

1,2-Dichloroethane

Concen: 9.970 ug/l

RT: 6.15 min Scan# 819

Delta R.T. -0.04 min

Lab File: VX008571.D

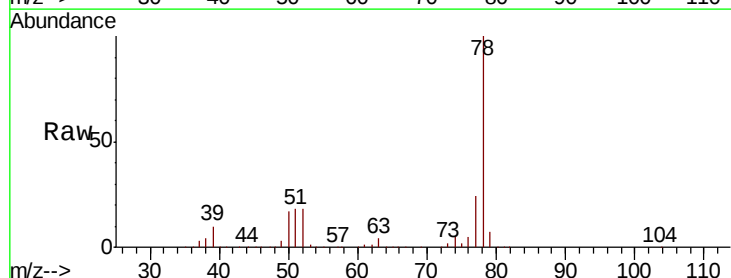
Acq: 01 Apr 2019 16:10

Tgt Ion: 62 Resp: 42464

Ion Ratio Lower Upper

62 100

98 0.0 0.0 17.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

6.15

15000

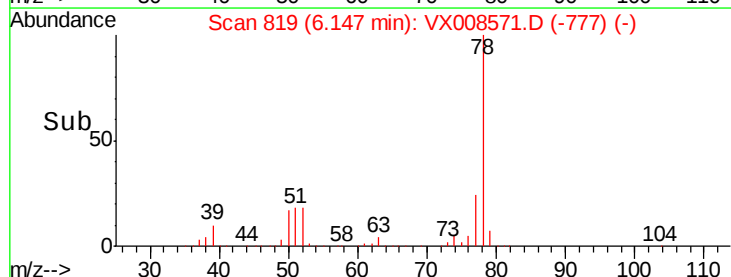
10000

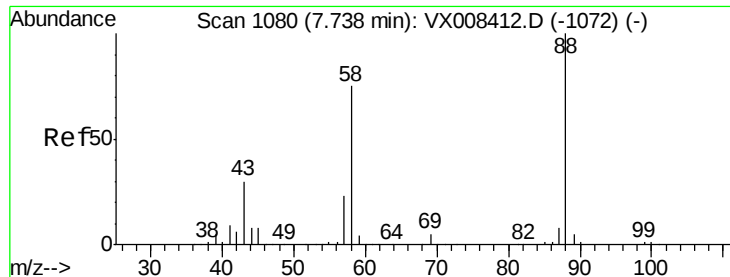
5000

0

Time-->

6.00 6.10 6.20

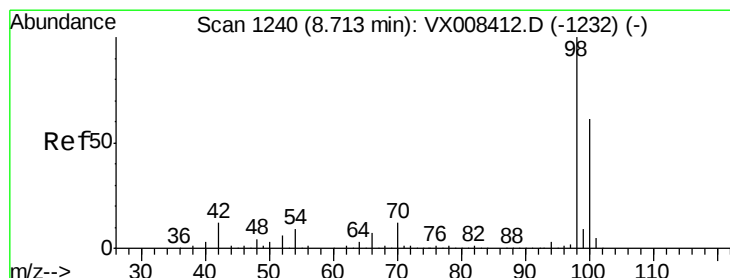
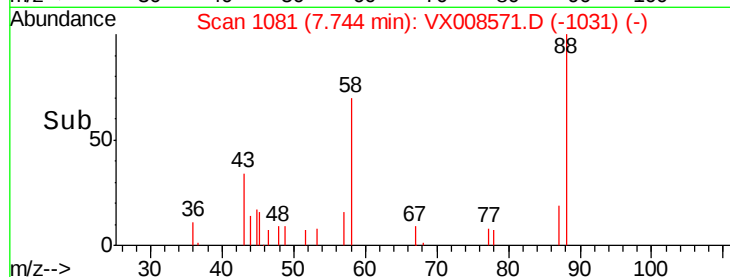
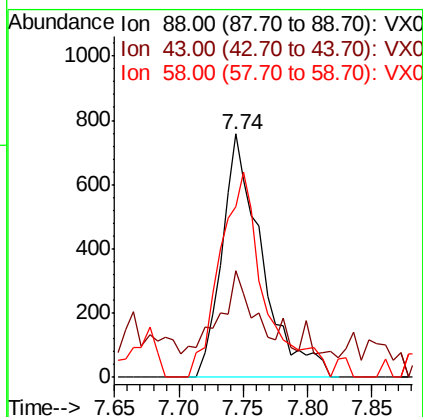
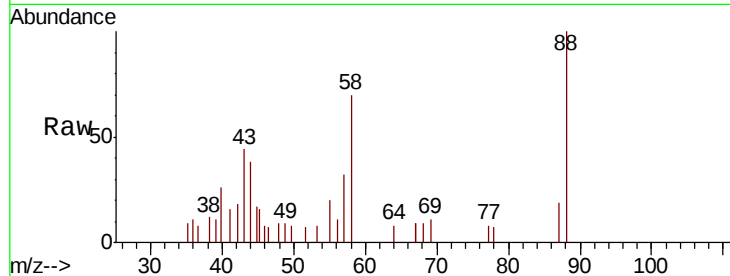




#49
1,4-Dioxane
Concen: 20.424 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. 0.01 min
Lab File: VX008571.D
Acq: 01 Apr 2019 16:10

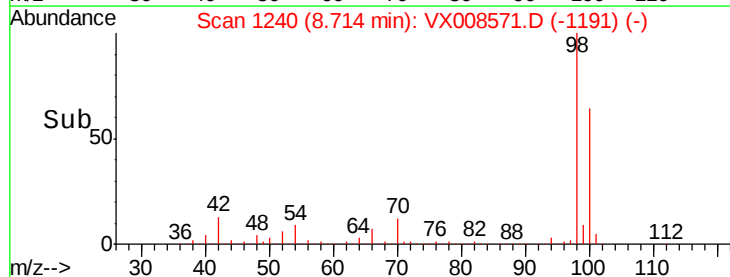
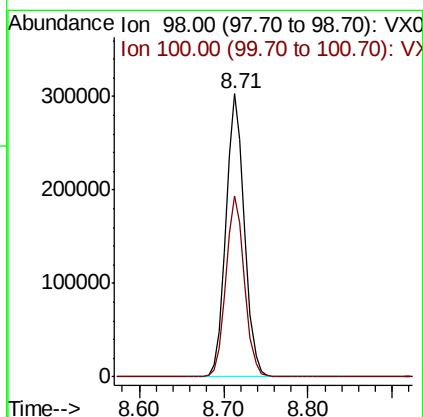
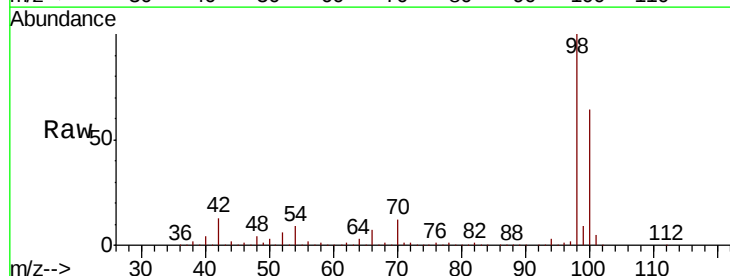
Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW27S-GW

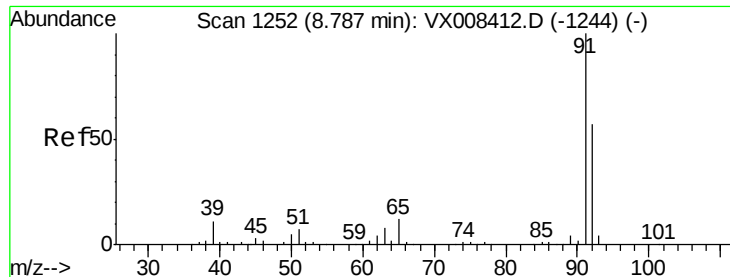
Tot Ion: 88 Resp: 1636
Ion Ratio Lower Upper
88 100
43 28.1 28.6 43.0#
58 94.3 63.0 94.4



#50
Toluene-d8
Concen: 48.079 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008571.D
Acq: 01 Apr 2019 16:10

Tgt Ion: 98 Resp: 456825
Ion Ratio Lower Upper
98 100
100 64.1 51.1 76.7





#52

Toluene

Concen: 3.455 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX008571.D

Acq: 01 Apr 2019 16:10

Instrument :

MSVOA_X

ClientSampleId :

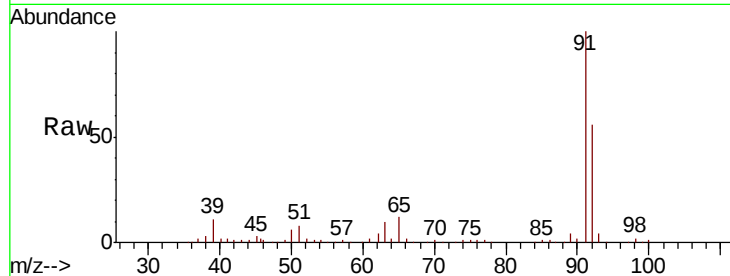
QNWP8-MW27S-GW

Tot Ion: 92 Resp: 24030

Ion Ratio Lower Upper

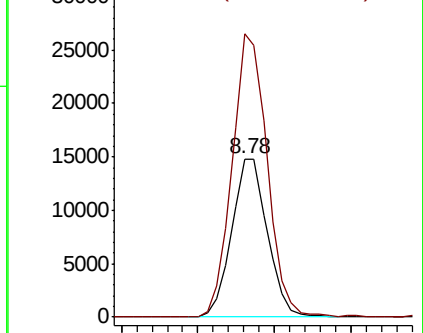
92 100

91 175.3 140.2 210.4

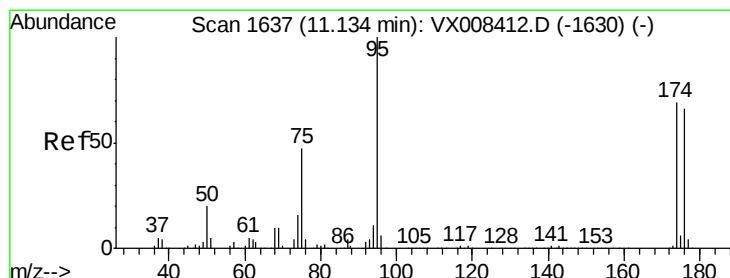
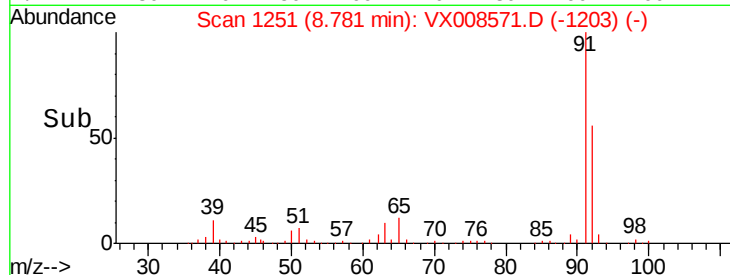


Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



Time--> 8.70 8.75 8.80 8.85



#62

4-Bromofluorobenzene

Concen: 44.594 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008571.D

Acq: 01 Apr 2019 16:10

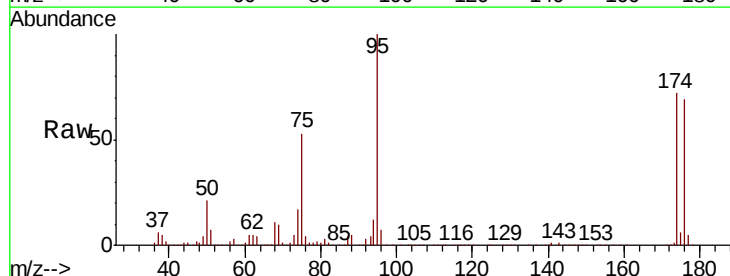
Tgt Ion: 95 Resp: 157009

Ion Ratio Lower Upper

95 100

174 74.9 0.0 147.2

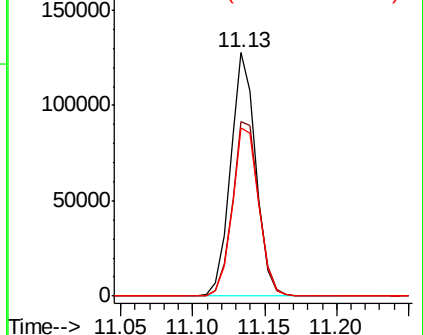
176 72.4 0.0 142.4



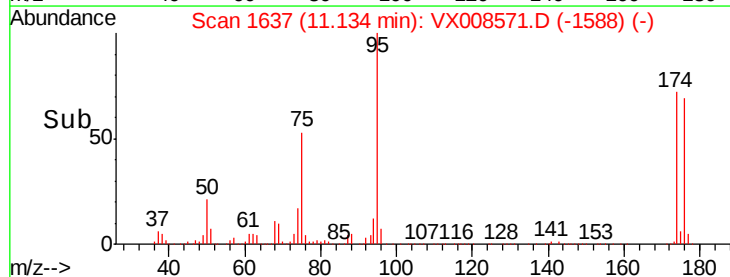
Abundance Ion 94.90 (94.60 to 95.60): VX0

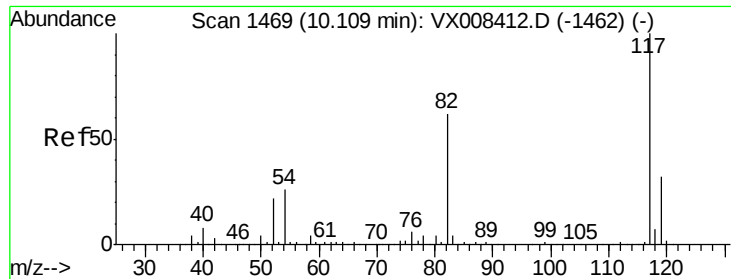
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time--> 11.05 11.10 11.15 11.20

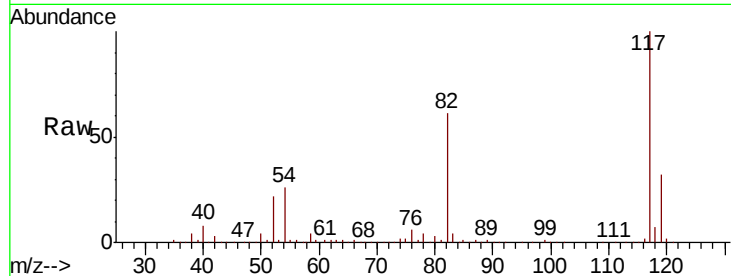




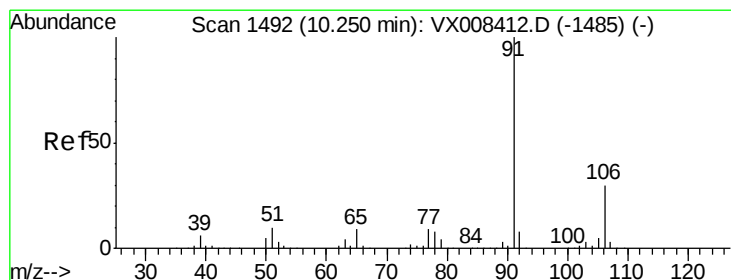
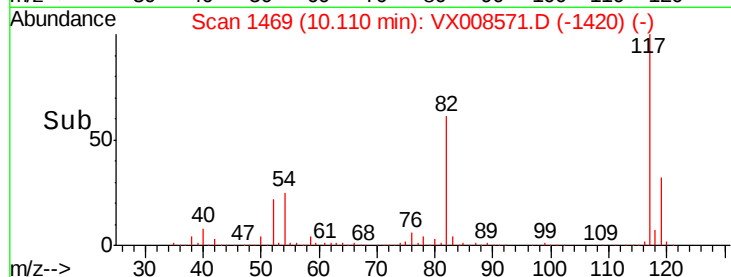
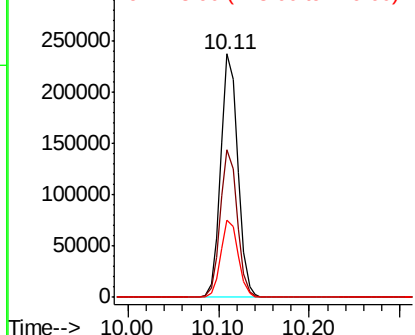
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008571.D
Acq: 01 Apr 2019 16:10

Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW27S-GW

Tot Ion:117 Resp: 312968
Ion Ratio Lower Upper
117 100
82 60.8 49.4 74.2
119 31.6 25.4 38.0

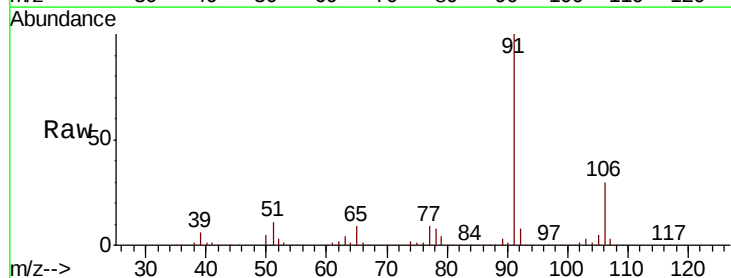


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

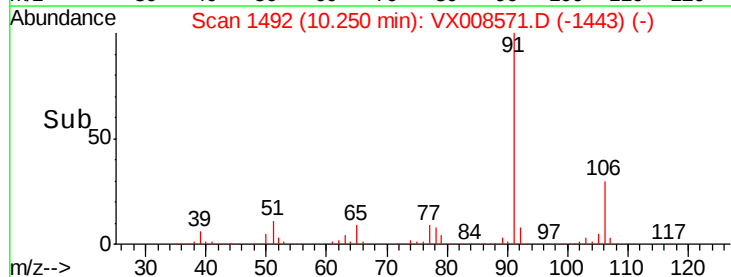
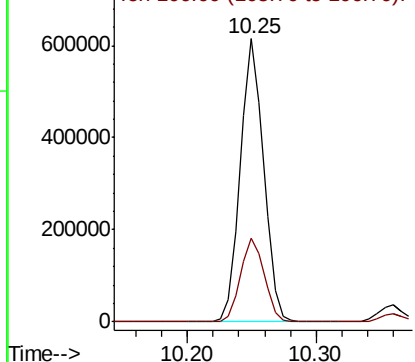


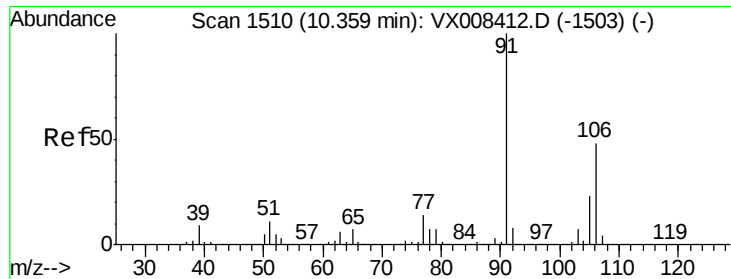
#67
Ethyl Benzene
Concen: 60.144 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX008571.D
Acq: 01 Apr 2019 16:10

Tgt Ion: 91 Resp: 772552
Ion Ratio Lower Upper
91 100
106 29.7 24.0 36.0



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

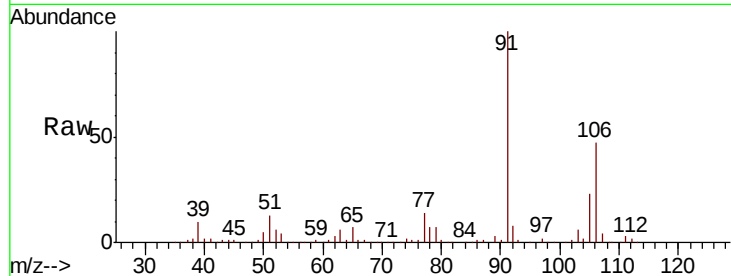




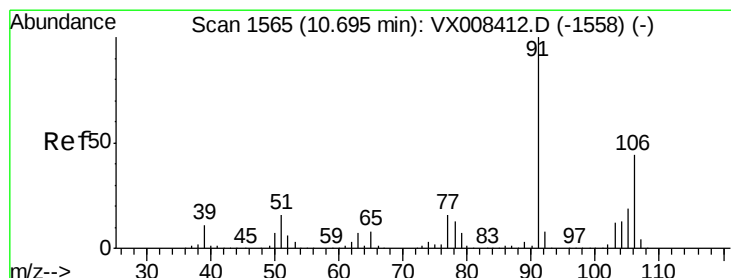
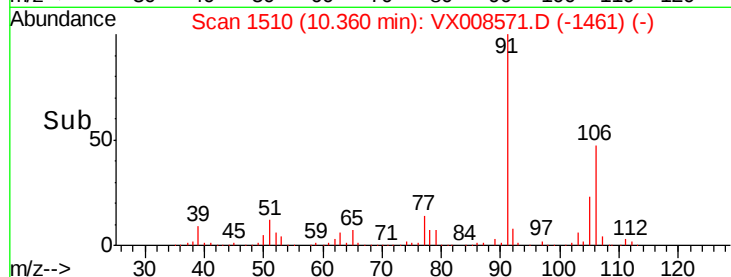
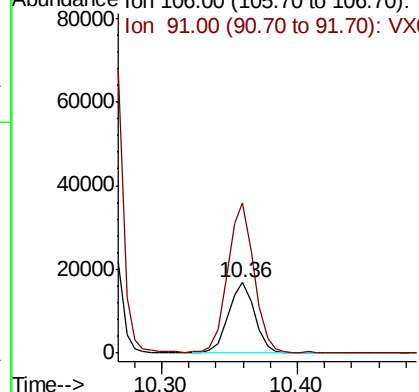
#68
m/p-Xylenes
Concen: 4.884 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX008571.D
Acq: 01 Apr 2019 16:10

Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW27S-GW

Tot Ion:106 Resp: 22821
Ion Ratio Lower Upper
106 100
91 208.0 168.6 253.0

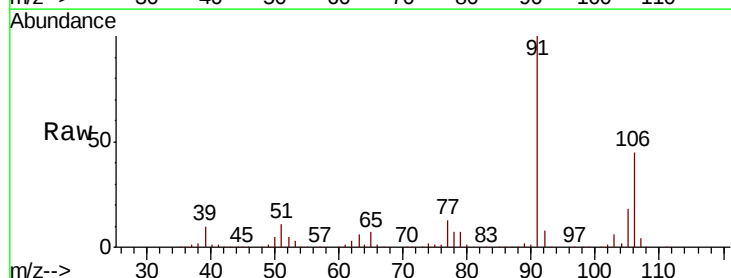


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

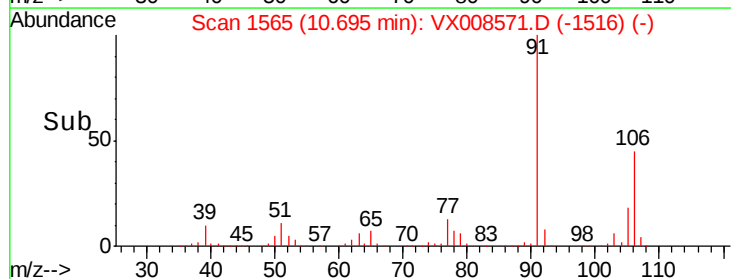
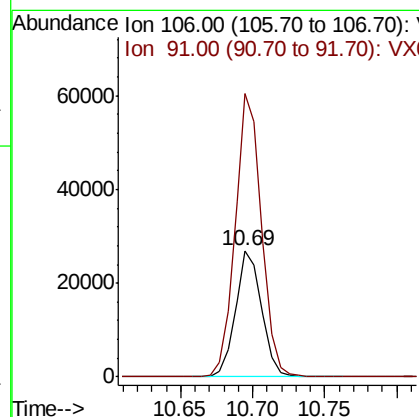


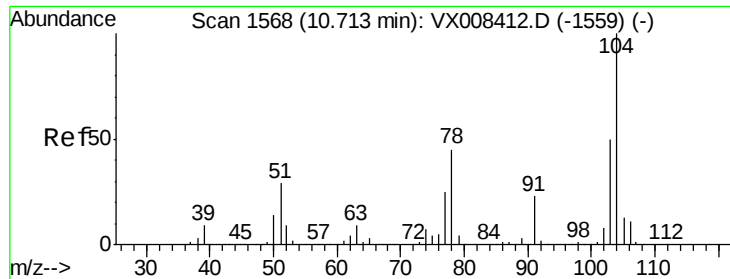
#69
o-Xylene
Concen: 7.530 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX008571.D
Acq: 01 Apr 2019 16:10

Tgt Ion:106 Resp: 34147
Ion Ratio Lower Upper
106 100
91 226.8 111.4 334.2



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

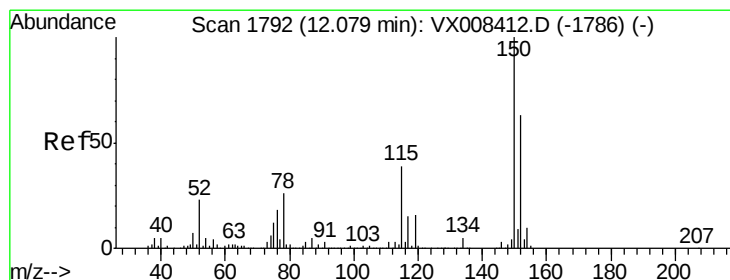
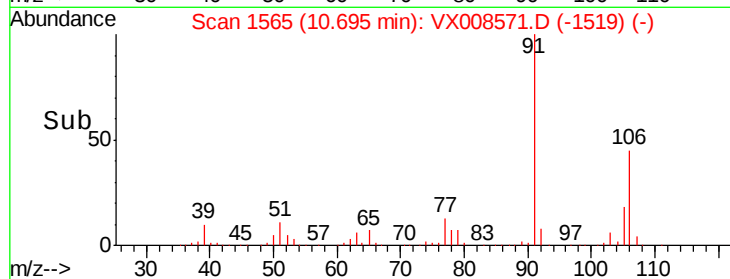
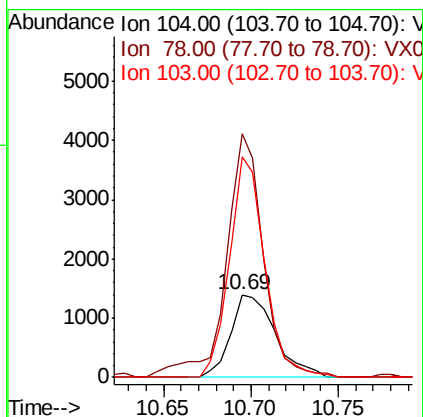
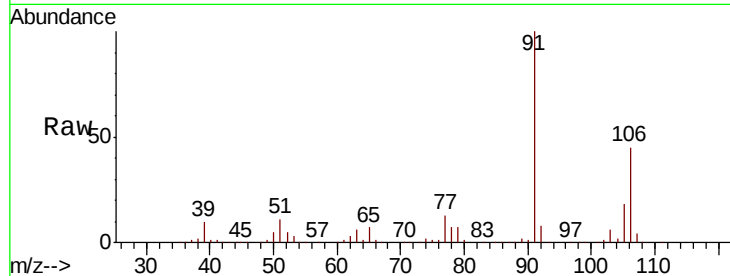




#70
Stvrene
Concen: 0.316 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.02 min
Lab File: VX008571.D
Acq: 01 Apr 2019 16:10

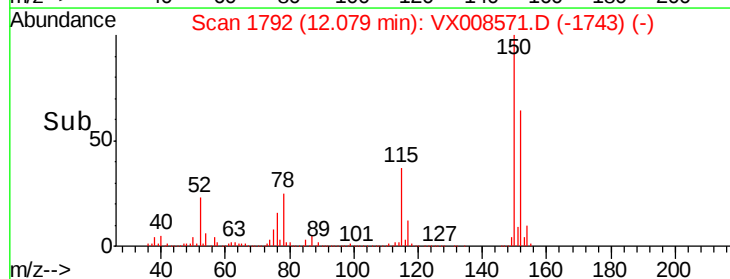
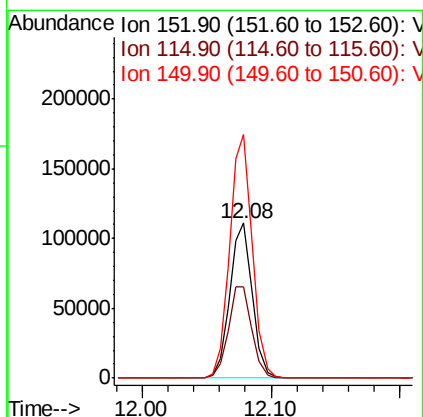
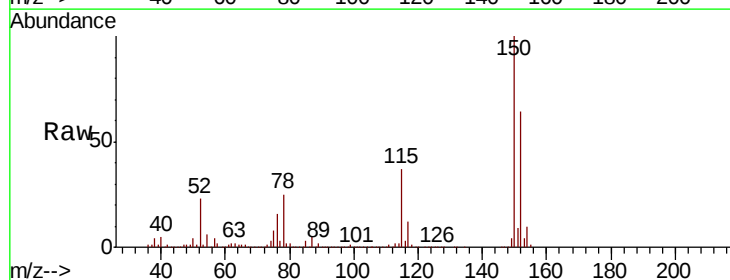
Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW27S-GW

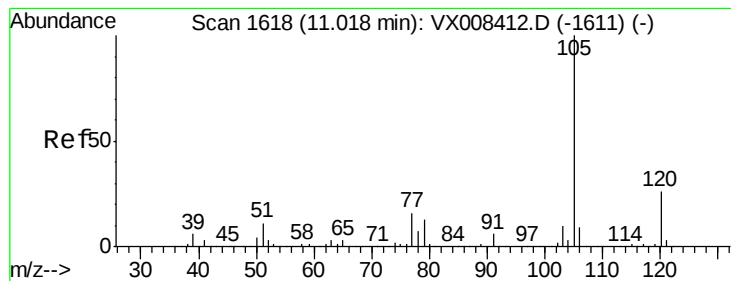
Tot Ion:104 Resp: 2474
Ion Ratio Lower Upper
104 100
78 246.5 42.5 63.7#
103 212.2 44.2 66.4#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX008571.D
Acq: 01 Apr 2019 16:10

Tgt Ion:152 Resp: 135446
Ion Ratio Lower Upper
152 100
115 61.6 43.5 130.5
150 158.0 0.0 348.8





#73

Isopropylbenzene

Concen: 10.875 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX008571.D

Acq: 01 Apr 2019 16:10

Instrument :

MSVOA_X

ClientSampleId :

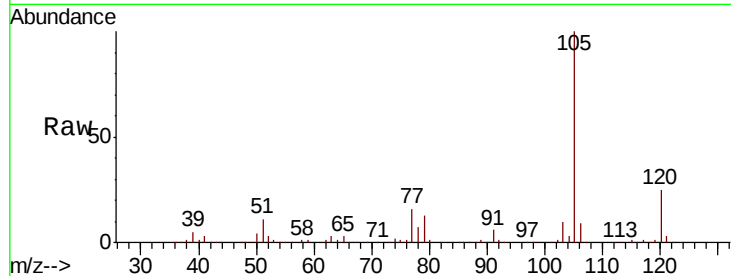
QNWP8-MW27S-GW

Tot Ion: 105 Resp: 119830

Ion Ratio Lower Upper

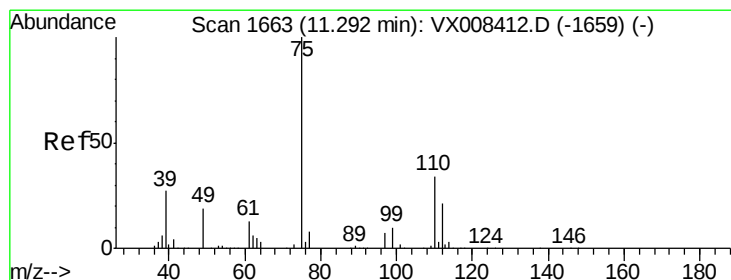
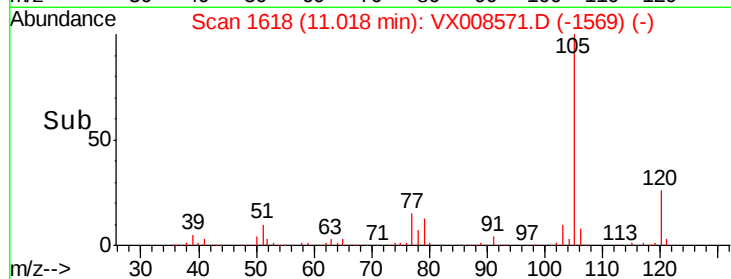
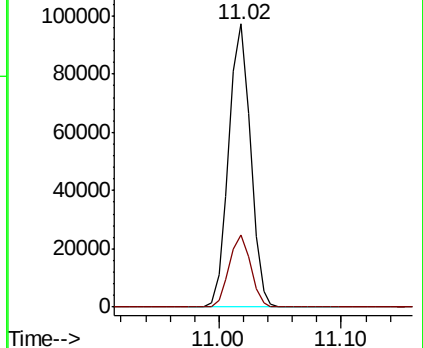
105 100

120 25.3 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: 20.134 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX008571.D

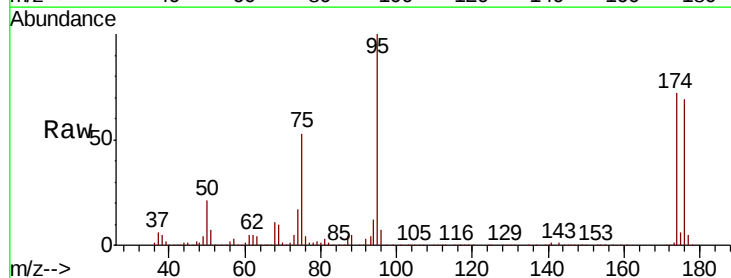
Acq: 01 Apr 2019 16:10

Tgt Ion: 75 Resp: 81072

Ion Ratio Lower Upper

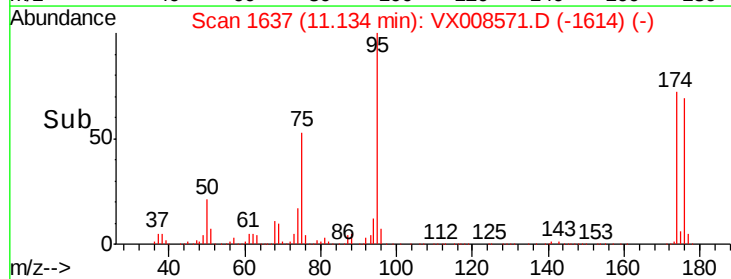
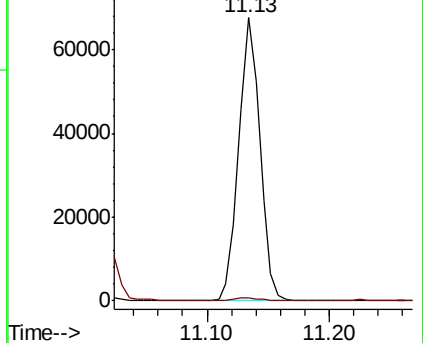
75 100

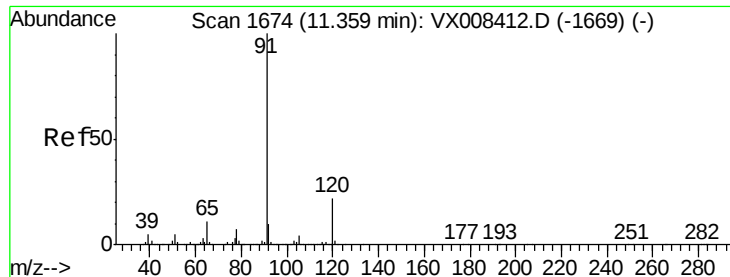
77 1.3 21.9 65.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 2.497 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX008571.D

Acq: 01 Apr 2019 16:10

Instrument :

MSVOA_X

ClientSampleId :

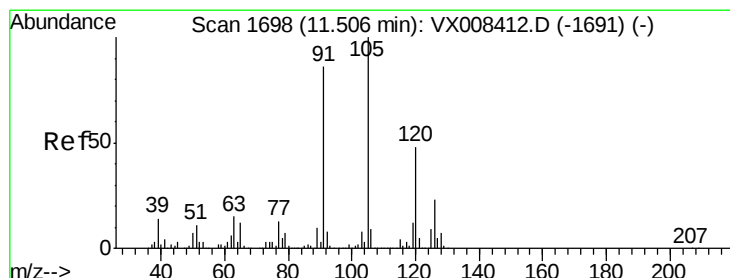
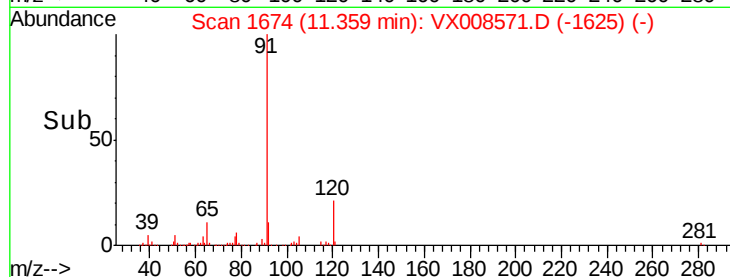
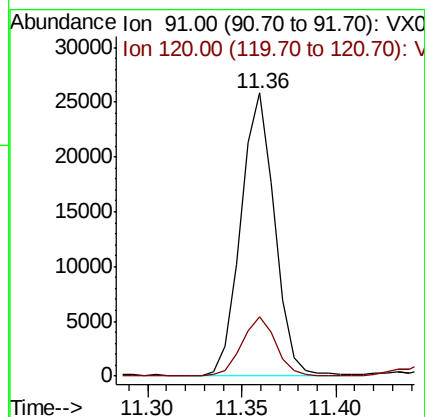
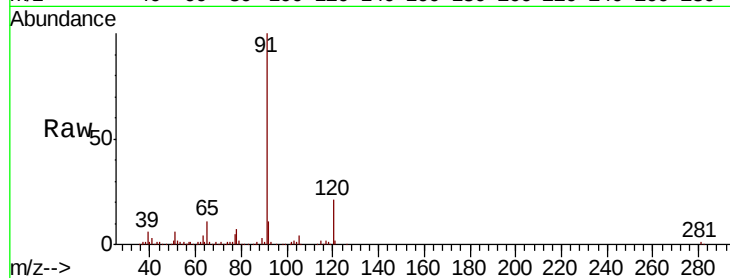
QNWP8-MW27S-GW

Tot Ion: 91 Resp: 32226

Ion Ratio Lower Upper

91 100

120 21.0 10.8 32.4



#80

1,3,5-Trimethylbenzene

Concen: 0.315 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX008571.D

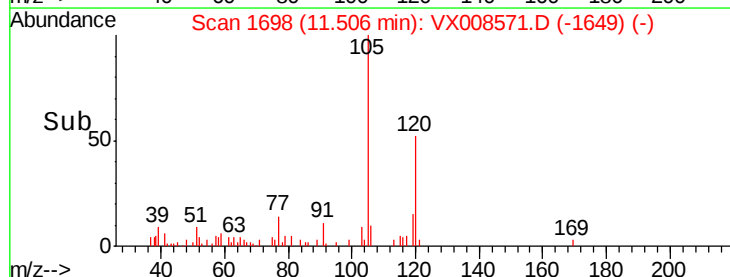
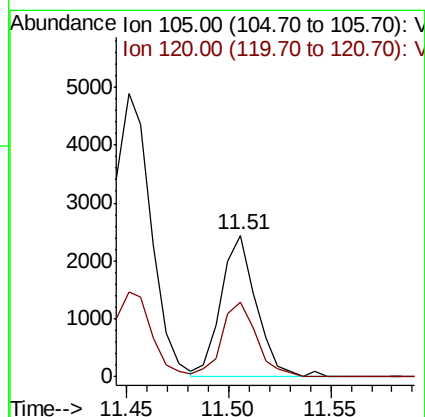
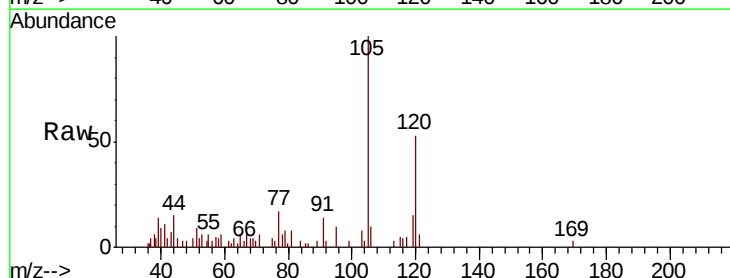
Acq: 01 Apr 2019 16:10

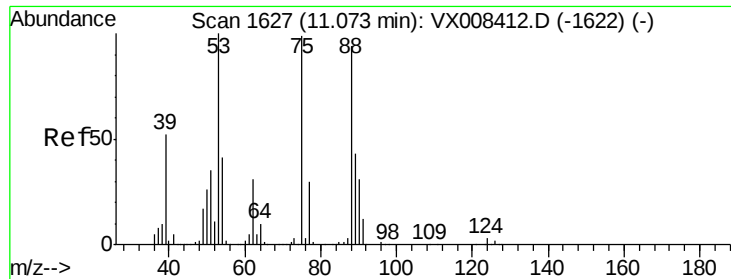
Tgt Ion: 105 Resp: 2937

Ion Ratio Lower Upper

105 100

120 52.1 23.4 70.3





#81

trans-1,4-Dichloro-2-butene

Concen: 64.485 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX008571.D

Acq: 01 Apr 2019 16:10

Instrument :

MSVOA_X

ClientSampleId :

QNWP8-MW27S-GW

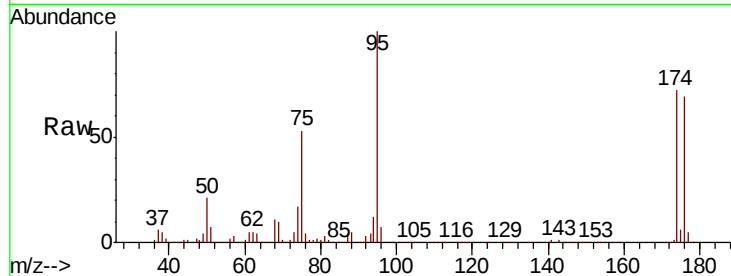
Tot Ion: 75 Resp: 81072

Ion Ratio Lower Upper

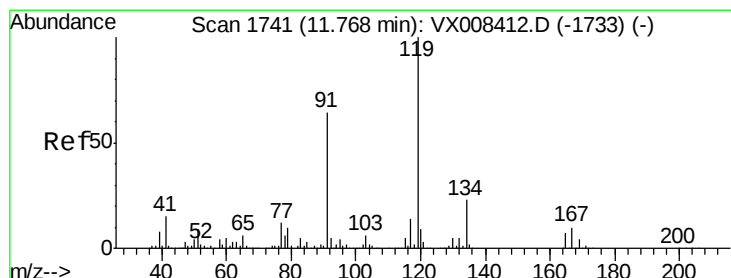
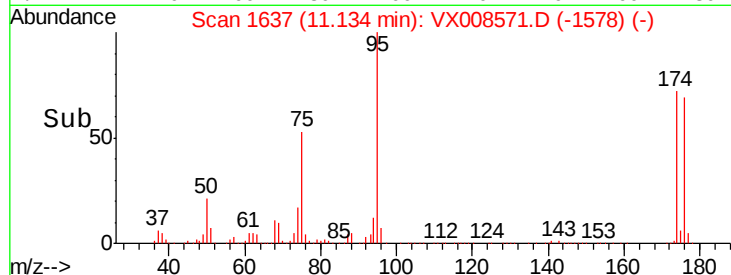
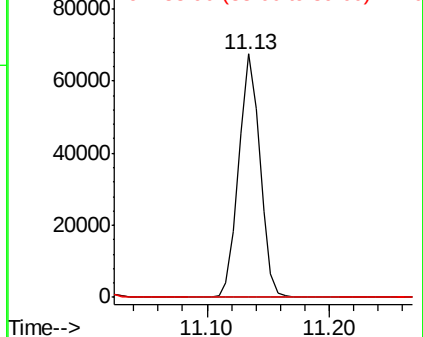
75 100

53 0.2 82.1 123.1#

89 0.0 34.6 52.0#



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



#83

tert-Butylbenzene

Concen: 0.238 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.26 min

Lab File: VX008571.D

Acq: 01 Apr 2019 16:10

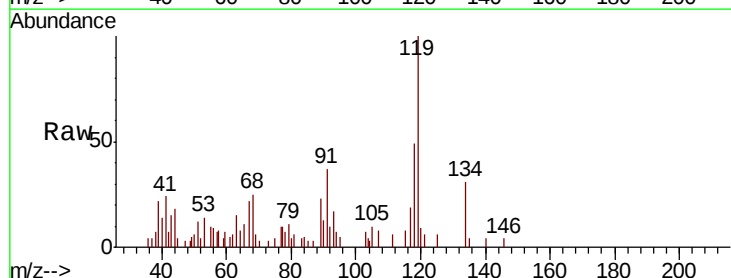
Tgt Ion: 119 Resp: 2137

Ion Ratio Lower Upper

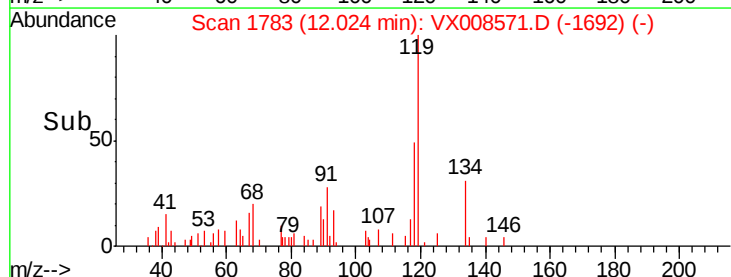
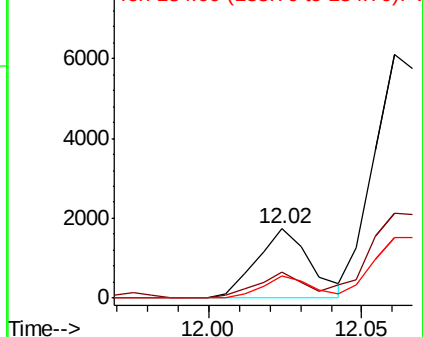
119 100

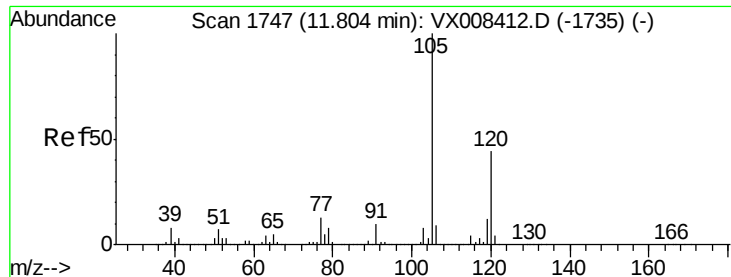
91 33.1 30.1 90.3

134 28.5 10.9 32.9



Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX0
Ion 134.00 (133.70 to 134.70): V





#84

1,2,4-Trimethylbenzene

Concen: 6.582 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX008571.D

Acq: 01 Apr 2019 16:10

Instrument :

MSVOA_X

ClientSampleId :

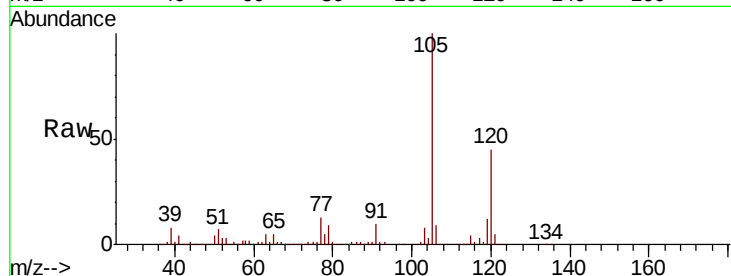
QNWP8-MW27S-GW

Tot Ion:105 Resp: 62019

Ion Ratio Lower Upper

105 100

120 44.1 21.6 65.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.80

60000

50000

40000

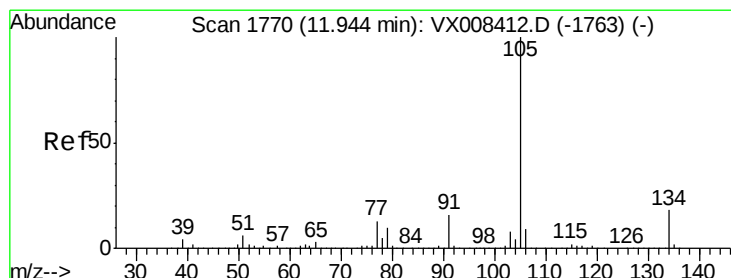
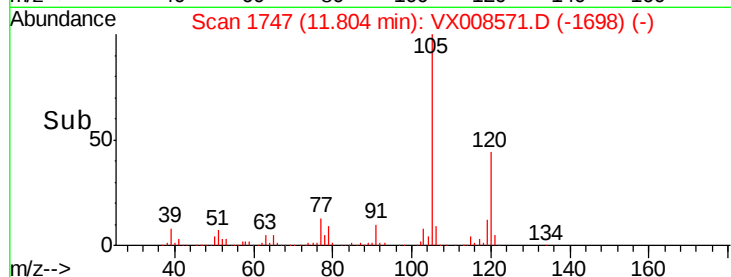
30000

20000

10000

0

Time--> 11.70 11.80 11.90



#85

sec-Butylbenzene

Concen: 5.794 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.14 min

Lab File: VX008571.D

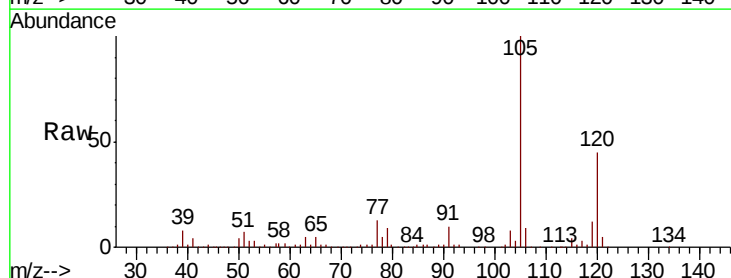
Acq: 01 Apr 2019 16:10

Tgt Ion:105 Resp: 62019

Ion Ratio Lower Upper

105 100

134 0.1 9.3 28.0#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.80

60000

50000

40000

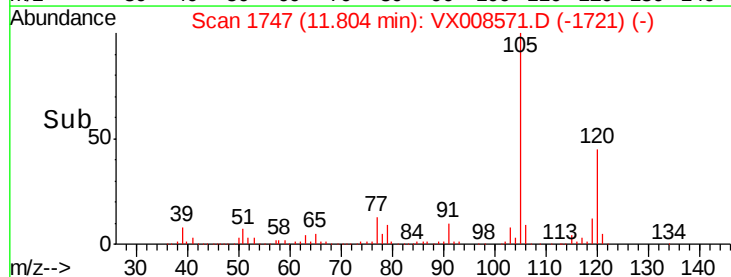
30000

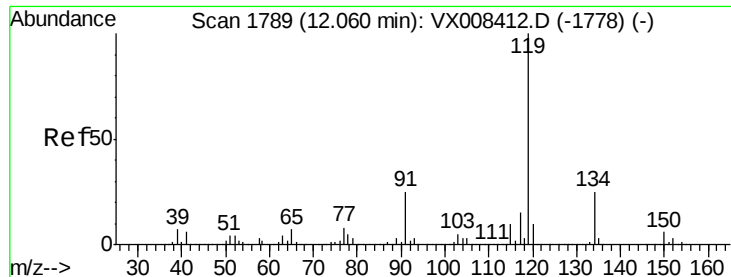
20000

10000

0

Time--> 11.70 11.80 11.90





#86

p-Isopropyltoluene

Concen: 0.803 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX008571.D

Acq: 01 Apr 2019 16:10

Instrument :

MSVOA_X

ClientSampleId :

QNWP8-MW27S-GW

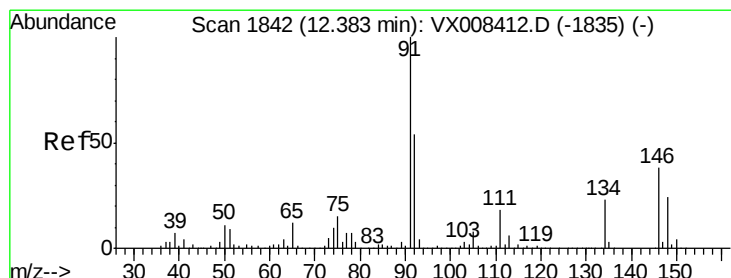
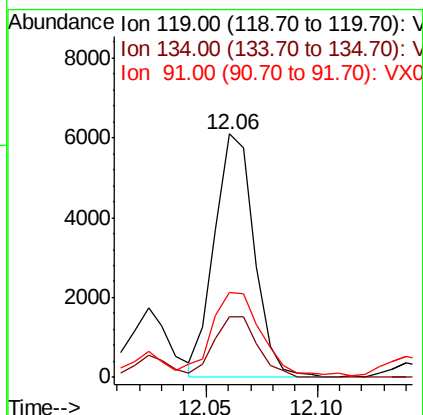
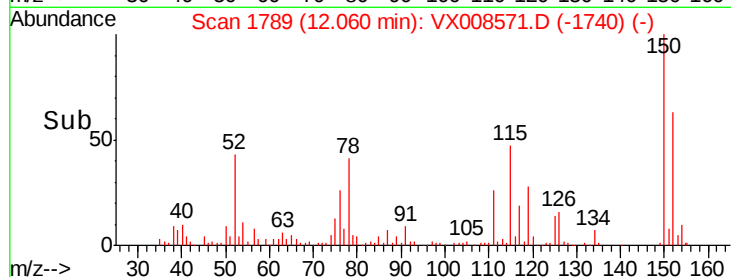
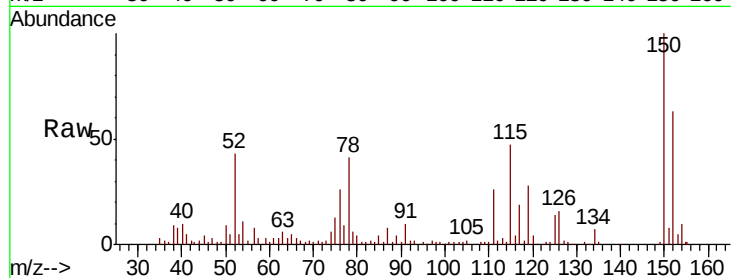
Tot Ion: 119 Resp: 7582

Ion Ratio Lower Upper

119 100

134 27.3 12.8 38.4

91 0.0 12.4 37.0#



#89

n-Butylbenzene

Concen: 16.781 ug/l

RT: 12.30 min Scan# 1828

Delta R.T. -0.09 min

Lab File: VX008571.D

Acq: 01 Apr 2019 16:10

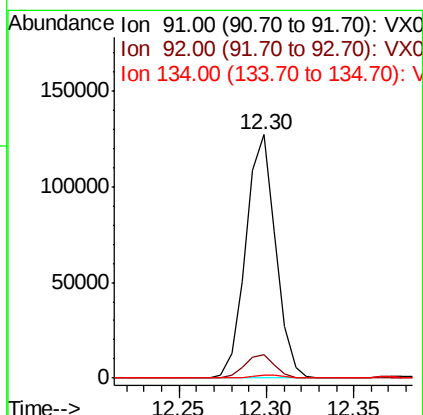
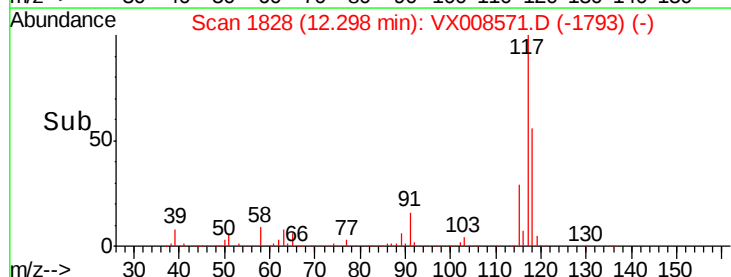
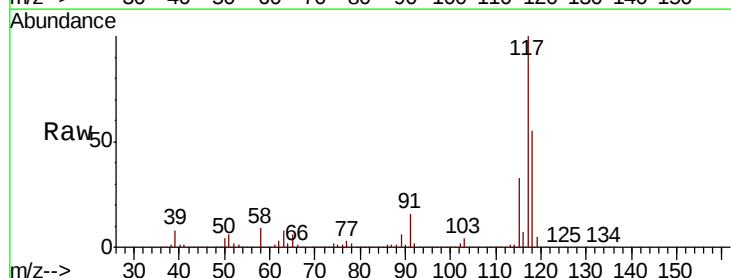
Tgt Ion: 91 Resp: 150140

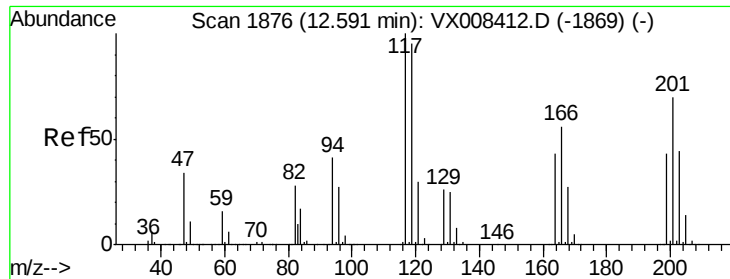
Ion Ratio Lower Upper

91 100

92 10.0 26.5 79.5#

134 1.2 11.8 35.4#

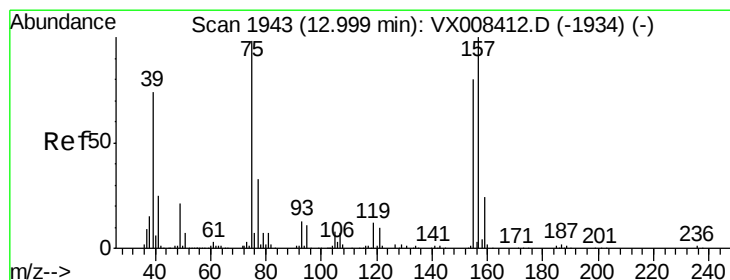
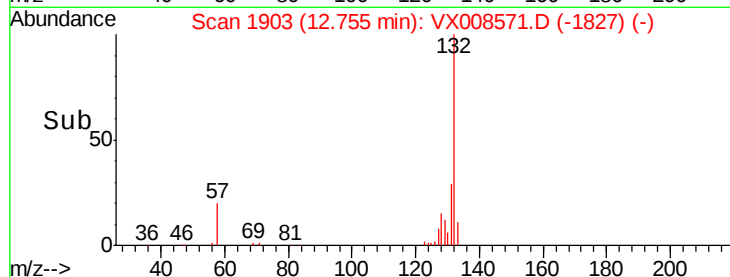
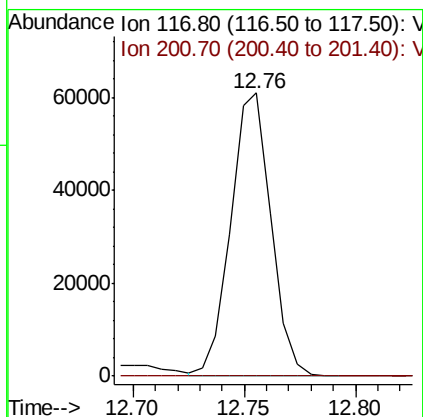
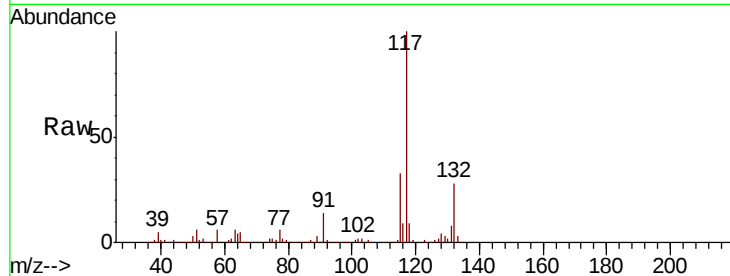




#90
Hexachloroethane
Concen: 48.534 ug/l
RT: 12.76 min Scan# 1903
Delta R.T. 0.16 min
Lab File: VX008571.D
Acq: 01 Apr 2019 16:10

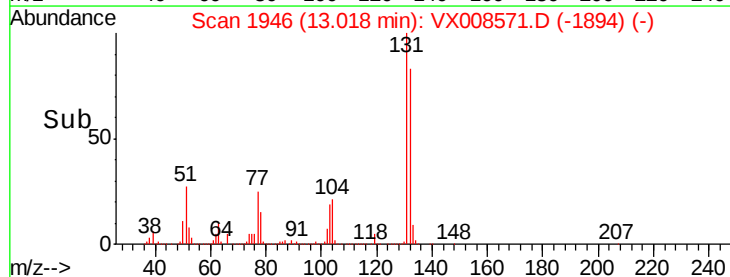
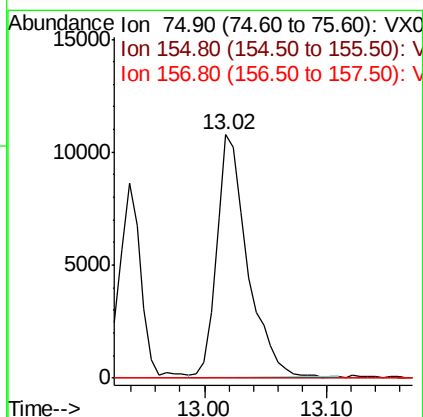
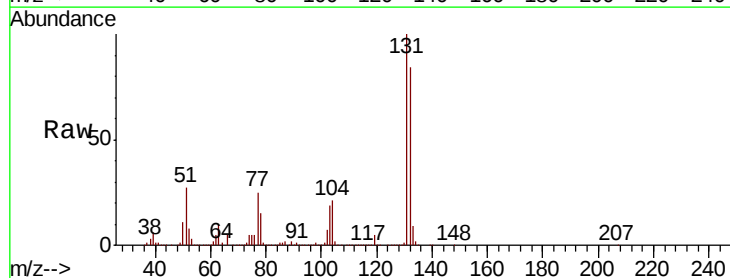
Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW27S-GW

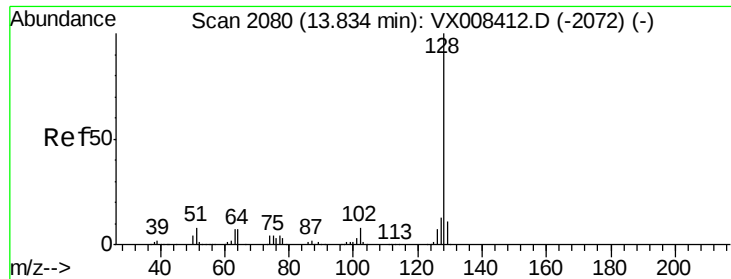
Tot Ion:117 Resp: 76365
Ion Ratio Lower Upper
117 100
201 0.0 39.4 118.1#



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.150 ug/l
RT: 13.02 min Scan# 1946
Delta R.T. 0.02 min
Lab File: VX008571.D
Acq: 01 Apr 2019 16:10

Tgt Ion: 75 Resp: 18784
Ion Ratio Lower Upper
75 100
155 0.0 39.5 118.5#
157 0.0 49.9 149.7#

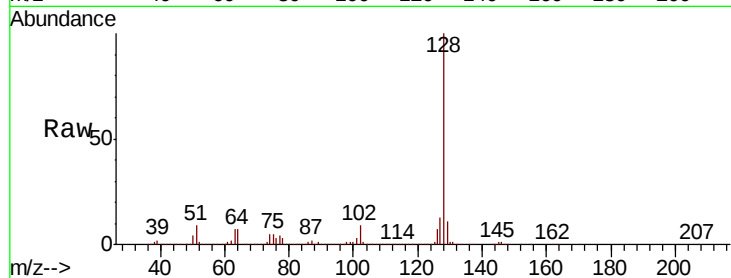




#95
Naphthalene
Concen: 132.205 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX008571.D
Acq: 01 Apr 2019 16:10

Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW27S-GW

Tot Ion:128 Resp: 1460209
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 11.0 8.7 13.1



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

