

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040919\
 Data File : VX008778.D
 Acq On : 09 Apr 2019 18:09
 Operator : JC/SP
 Sample : K2311-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 10 06:39:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	201716	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	333354	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	287395	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	120128	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	138395	47.04	ug/l	0.00
Spiked Amount			Recovery	=	94.08%	
35) Dibromofluoromethane	5.50	113	101160	47.46	ug/l	0.00
Spiked Amount			Recovery	=	94.92%	
50) Toluene-d8	8.71	98	417669	49.22	ug/l	0.00
Spiked Amount			Recovery	=	98.44%	
62) 4-Bromofluorobenzene	11.13	95	139185	46.25	ug/l	0.00
Spiked Amount			Recovery	=	92.50%	

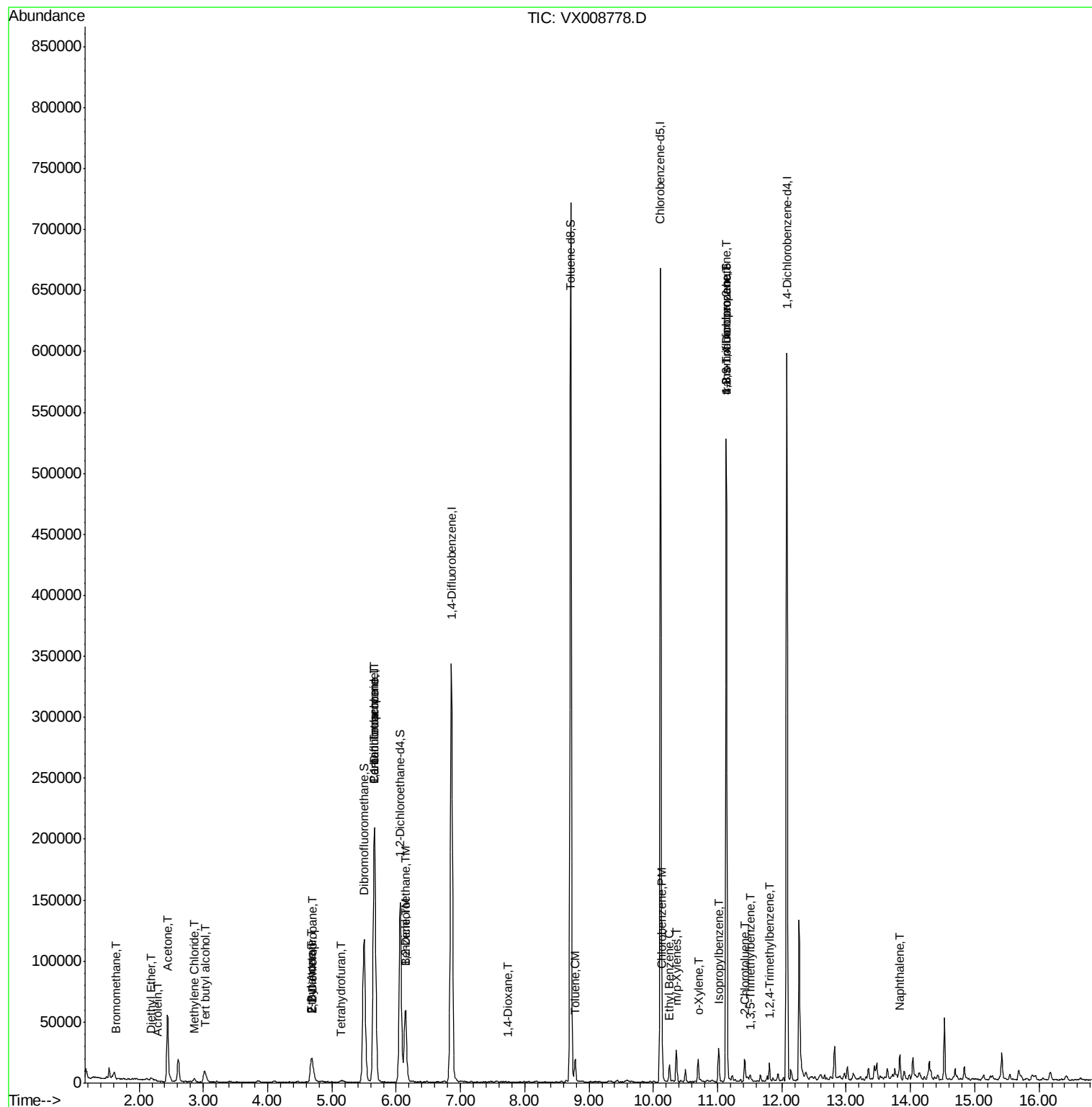
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	405	Below Cal		100
5) Bromomethane	1.65	94	233	2.030 ug/l #		62
6) Chloroethane	1.71	64	53	Below Cal #		43
8) Diethyl Ether	2.18	74	371	0.225 ug/l		99
11) Tert butyl alcohol	3.03	59	8781	12.748 ug/l #		91
13) Acrolein	2.29	56	271	0.793 ug/l #		49
16) Acetone	2.44	43	60502	35.703 ug/l		99
17) Carbon Disulfide	2.57	76	1804	Below Cal #		90
20) Methylene Chloride	2.85	84	1327	0.468 ug/l #		84
25) 2-Butanone	4.68	43	21378	7.982 ug/l		100
26) 2,2-Dichloropropane	4.70	77	966	0.269 ug/l #		53
28) Bromochloromethane	5.04	49	41	Below Cal #		22
29) Tetrahydrofuran	5.15	42	1476	0.830 ug/l #		91
36) 1,1-Dichloropropene	5.65	75	16582	4.551 ug/l #		51
37) Ethyl Acetate	4.68	43	21378	4.395 ug/l #		70
38) Carbon Tetrachloride	5.66	117	18986	6.295 ug/l #		17
40) Benzene	6.15	78	69552	6.407 ug/l		99
42) 1,2-Dichloroethane	6.15	62	840	0.216 ug/l #		75
49) 1,4-Dioxane	7.75	88	26	0.360 ug/l #		1
52) Toluene	8.79	92	6559	1.025 ug/l		96
65) Chlorobenzene	10.14	112	10098	1.585 ug/l		100
67) Ethyl Benzene	10.25	91	7771	0.654 ug/l		93
68) m/p-Xylenes	10.36	106	5567	1.303 ug/l		98
69) o-Xylene	10.70	106	3835	0.926 ug/l		98
73) Isopropylbenzene	11.02	105	12990	1.305 ug/l		95
76) 1,2,3-Trichloropropane	11.13	75	70882	21.479 ug/l #		33
79) 2-Chlorotoluene	11.42	91	7400	1.055 ug/l		98
80) 1,3,5-Trimethylbenzene	11.51	105	1970	0.236 ug/l		97
81) trans-1,4-Dichloro-2-buten	11.13	75	70882	59.208 ug/l #		9
84) 1,2,4-Trimethylbenzene	11.80	105	6015	0.711 ug/l		98
95) Naphthalene	13.83	128	11222	1.135 ug/l #		94

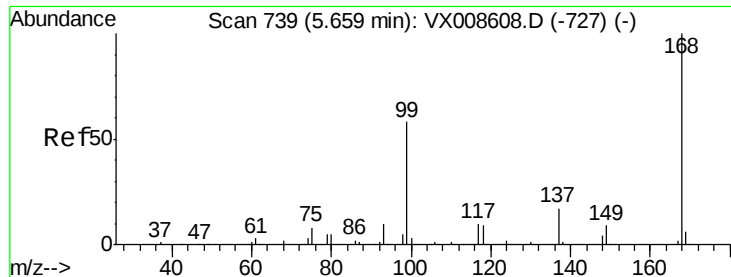
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 04 04:47:41 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX008778.D

Acq: 09 Apr 2019 18:09

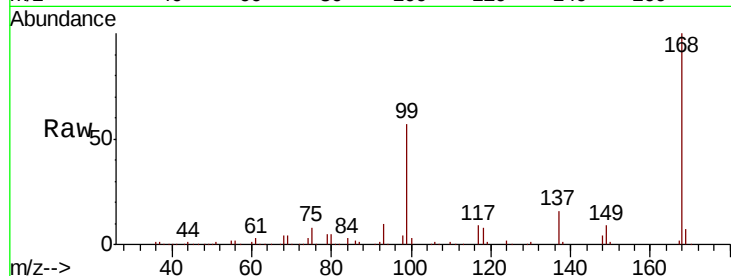
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 201716

Ion Ratio Lower Upper

168 100

99 56.7 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

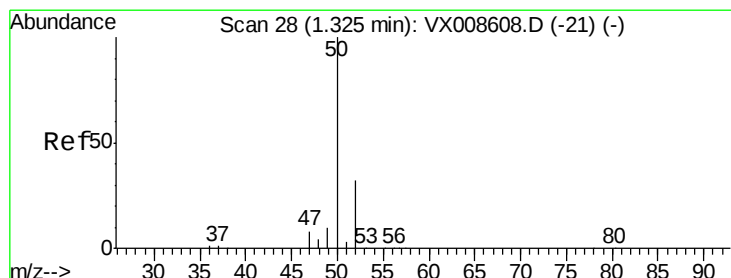
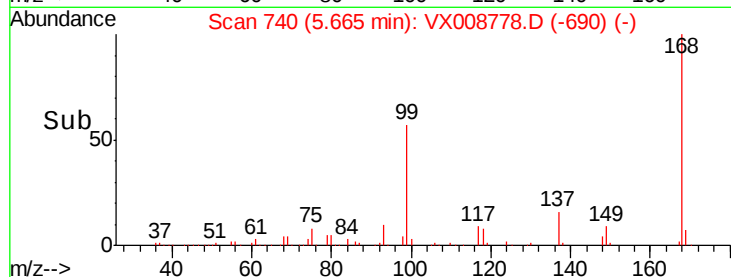
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: Below Cal

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008778.D

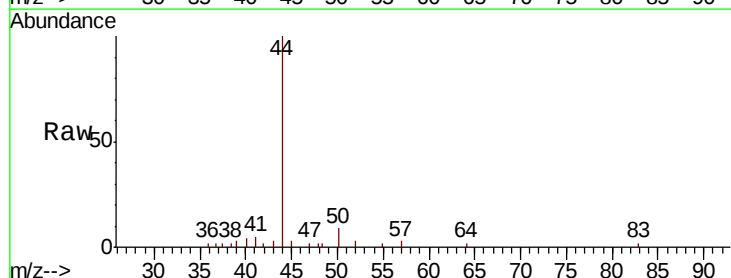
Acq: 09 Apr 2019 18:09

Tgt Ion: 50 Resp: 405

Ion Ratio Lower Upper

50 100

52 32.5 25.8 38.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

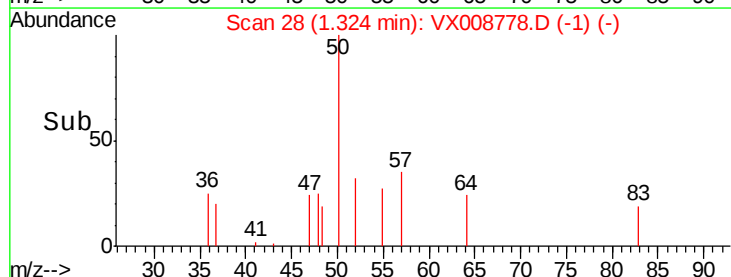
300

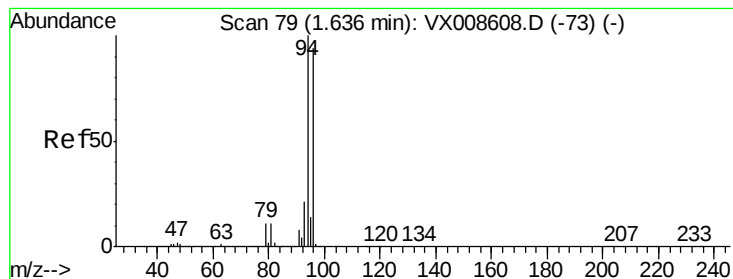
200

100

0

Time--> 1.30 1.35





#5

Bromomethane

Concen: 2.030 ug/l

RT: 1.65 min Scan# 82

Delta R.T. 0.02 min

Lab File: VX008778.D

Acq: 09 Apr 2019 18:09

Instrument :

MSVOA_X

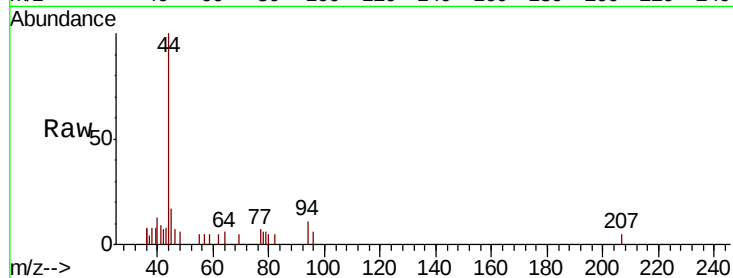
ClientSampled :

Tot Ion: 94 Resp: 233

Ion Ratio Lower Upper

94 100

96 56.9 75.2 112.8#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

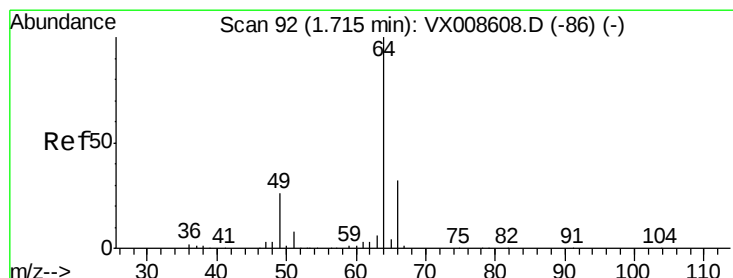
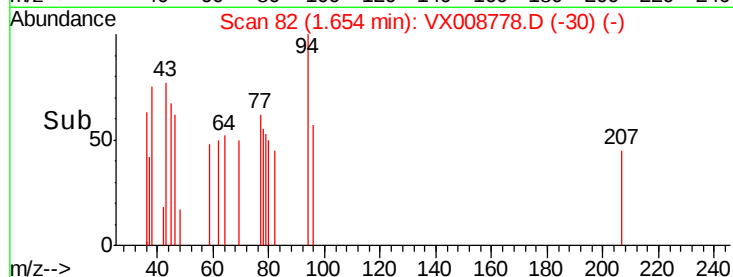
100

50

0

1.62 1.64 1.66 1.68

Time-->



#6

Chloroethane

Concen: Below Cal

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX008778.D

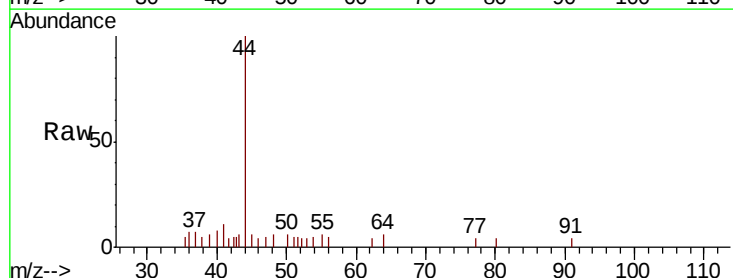
Acq: 09 Apr 2019 18:09

Tgt Ion: 64 Resp: 53

Ion Ratio Lower Upper

64 100

66 0.0 25.4 38.0#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

100

80

60

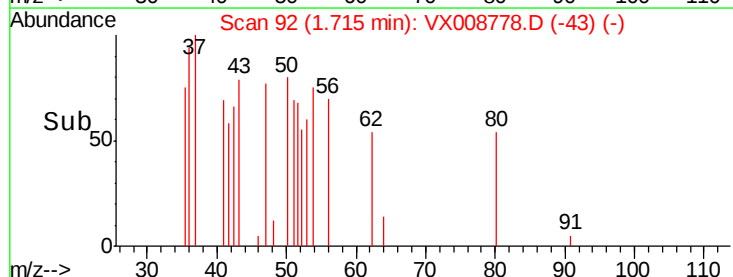
40

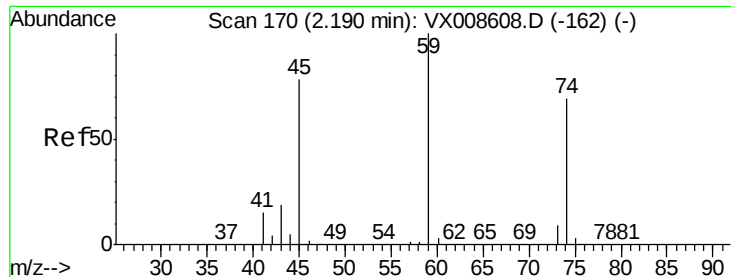
20

0

1.70 1.71 1.72 1.73

Time-->





#8

Diethyl Ether

Concen: 0.225 ug/l

RT: 2.18 min Scan# 169

Delta R.T. -0.01 min

Lab File: VX008778.D

Acq: 09 Apr 2019 18:09

Instrument :

MSVOA_X

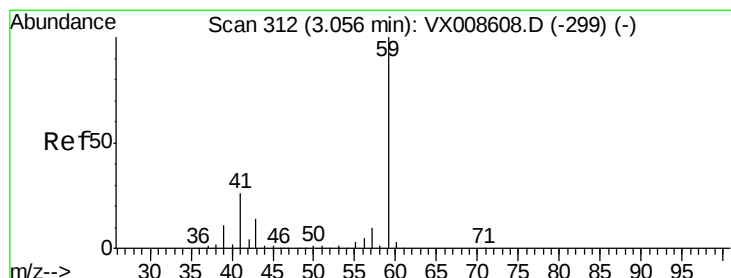
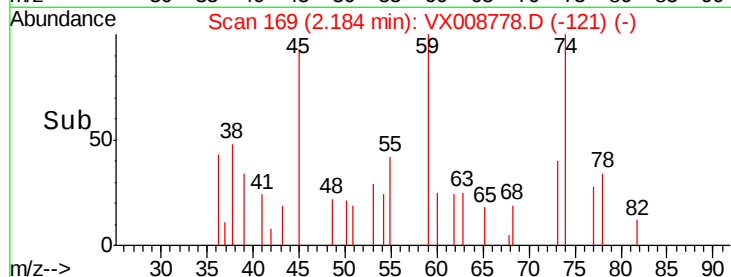
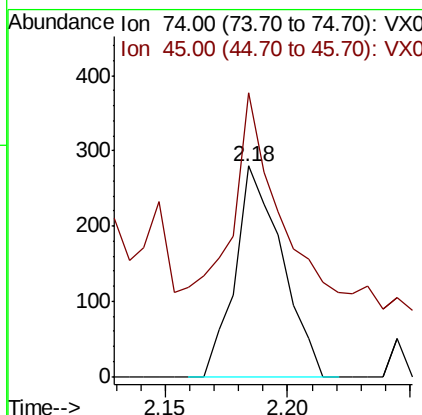
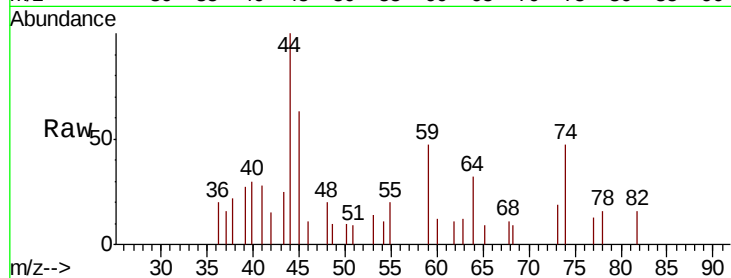
ClientSampleId :

Tot Ion: 74 Resp: 371

Ion Ratio Lower Upper

74 100

45 114.3 56.5 169.5



#11

Tert butyl alcohol

Concen: 12.748 ug/l

RT: 3.03 min Scan# 308

Delta R.T. -0.02 min

Lab File: VX008778.D

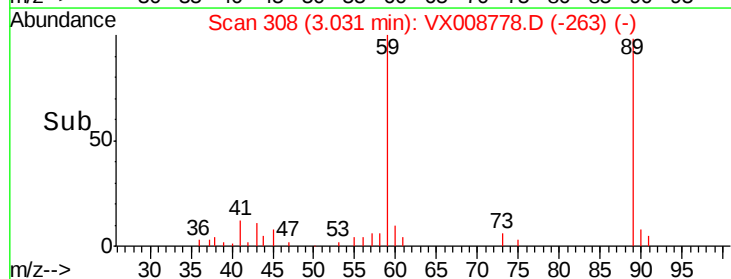
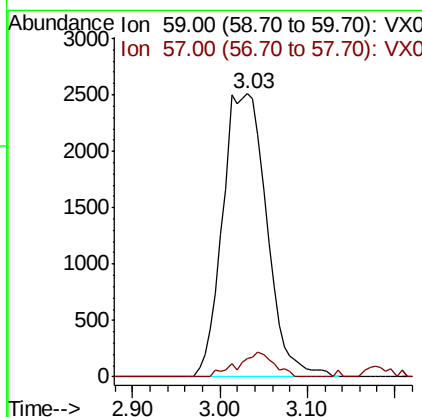
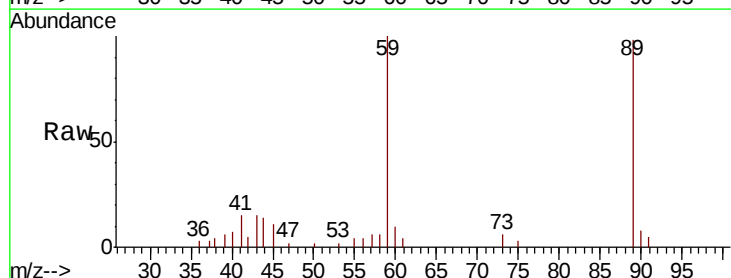
Acq: 09 Apr 2019 18:09

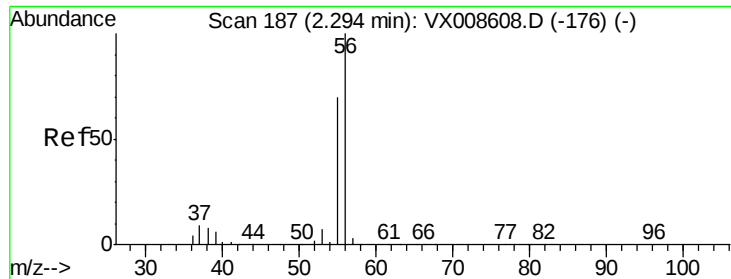
Tgt Ion: 59 Resp: 8781

Ion Ratio Lower Upper

59 100

57 7.1 8.3 12.5#





#13

Acrolein

Concen: 0.793 ug/l

RT: 2.29 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX008778.D

Acq: 09 Apr 2019 18:09

Instrument :

MSVOA_X

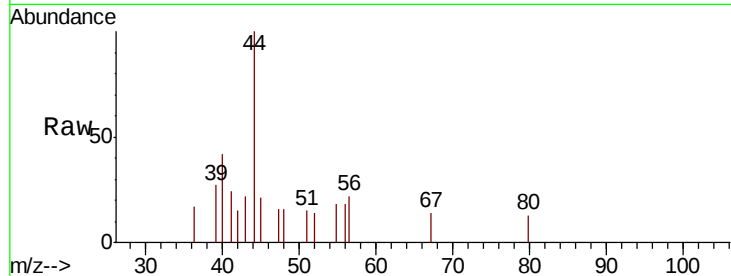
ClientSampled :

Tot Ion: 56 Resp: 271

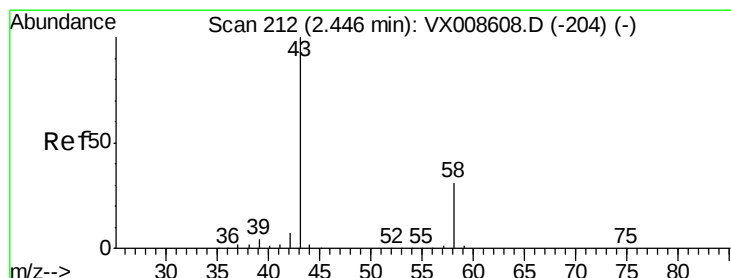
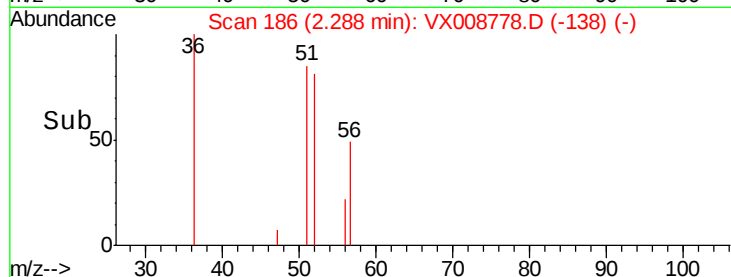
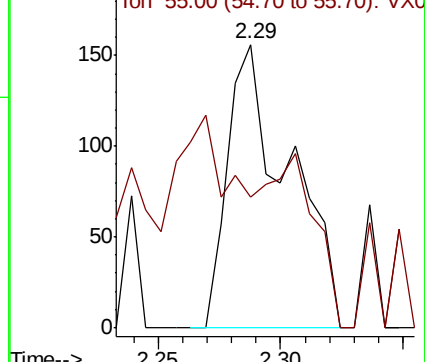
Ion Ratio Lower Upper

56 100

55 29.9 58.0 87.0#



Abundance Ion 56.00 (55.70 to 56.70): VX0



#16

Acetone

Concen: 35.703 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX008778.D

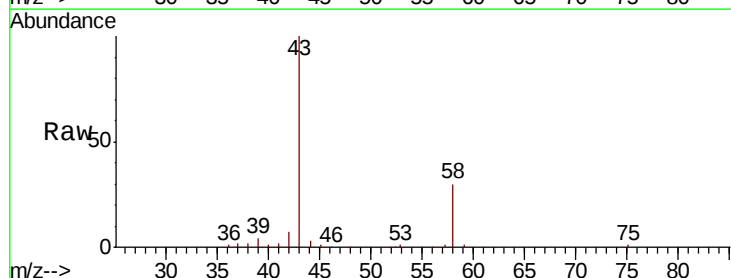
Acq: 09 Apr 2019 18:09

Tgt Ion: 43 Resp: 60502

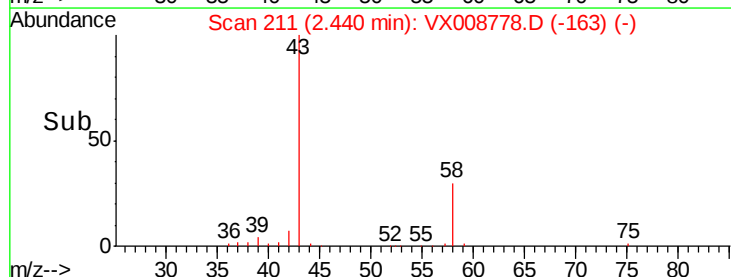
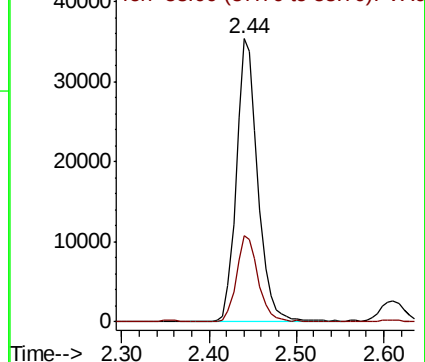
Ion Ratio Lower Upper

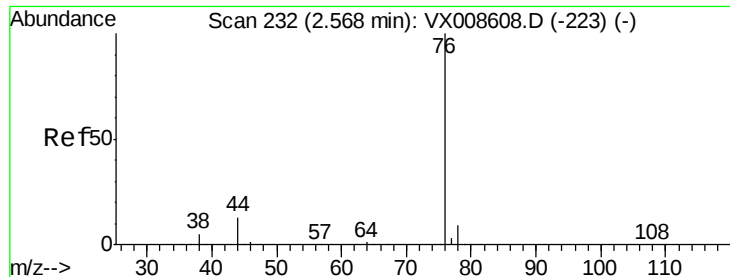
43 100

58 30.5 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VX0





#17

Carbon Disulfide

Concen: Below Cal

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX008778.D

Acq: 09 Apr 2019 18:09

Instrument :

MSVOA_X

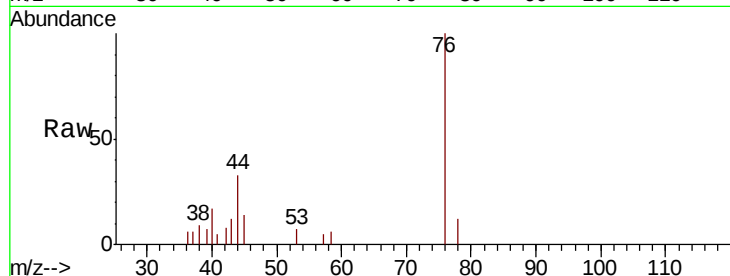
ClientSampleId :

Tot Ion: 76 Resp: 1804

Ion Ratio Lower Upper

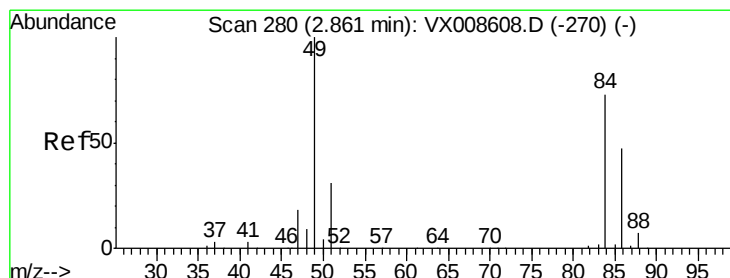
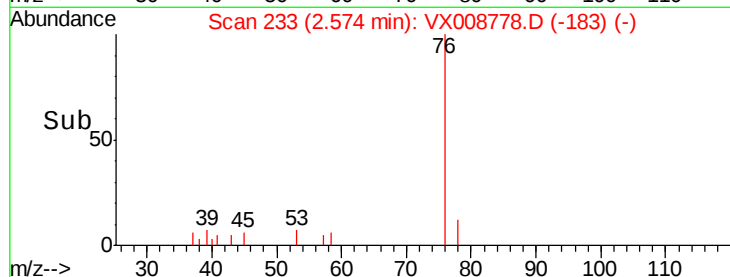
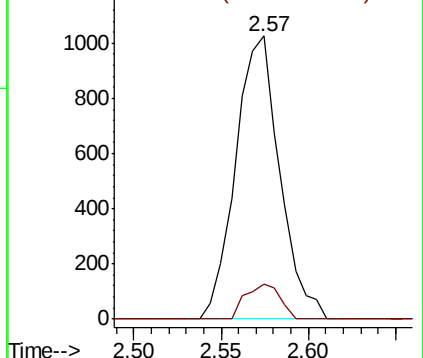
76 100

78 12.4 7.1 10.7#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#20

Methylene Chloride

Concen: 0.468 ug/l

RT: 2.85 min Scan# 279

Delta R.T. -0.01 min

Lab File: VX008778.D

Acq: 09 Apr 2019 18:09

Tgt Ion: 84 Resp: 1327

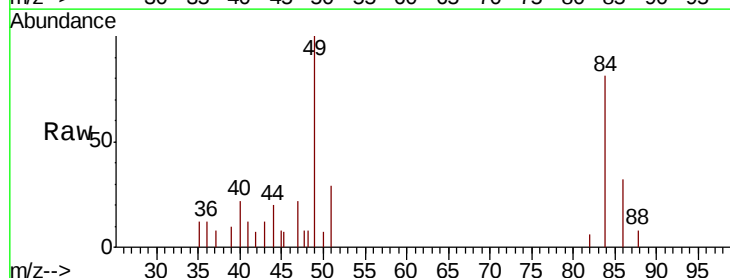
Ion Ratio Lower Upper

84 100

49 123.5 109.7 164.5

51 35.9 33.6 50.4

86 39.7 51.4 77.2#

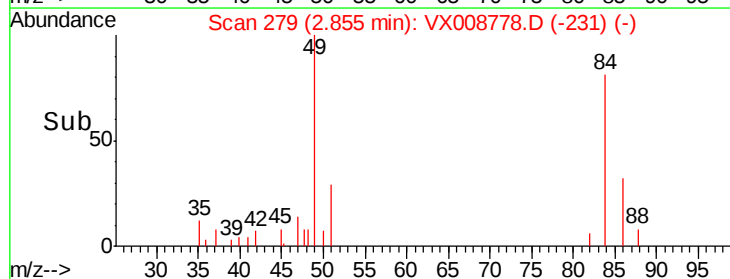
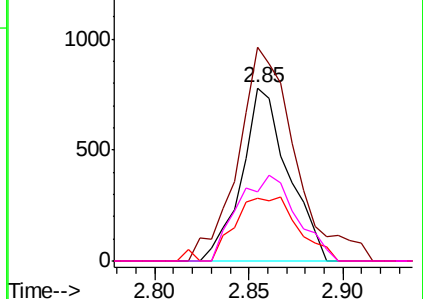


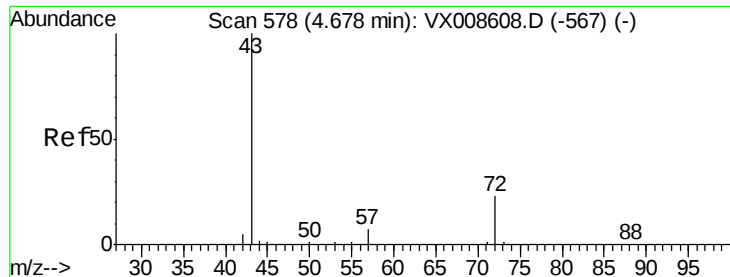
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0





#25

2-Butanone

Concen: 7.982 ug/l

RT: 4.68 min Scan# 578

Delta R.T. -0.00 min

Lab File: VX008778.D

Acq: 09 Apr 2019 18:09

Instrument :

MSVOA_X

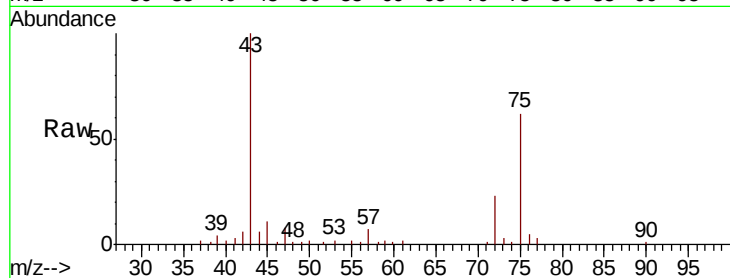
ClientSampleId :

Tot Ion: 43 Resp: 21378

Ion Ratio Lower Upper

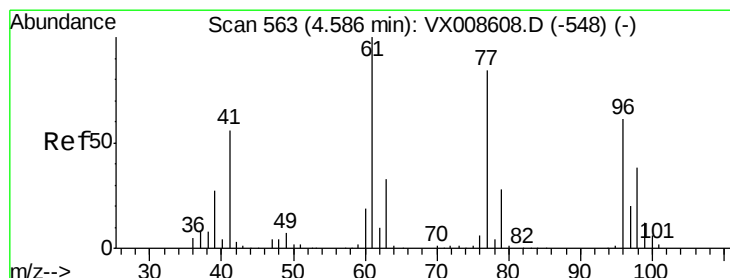
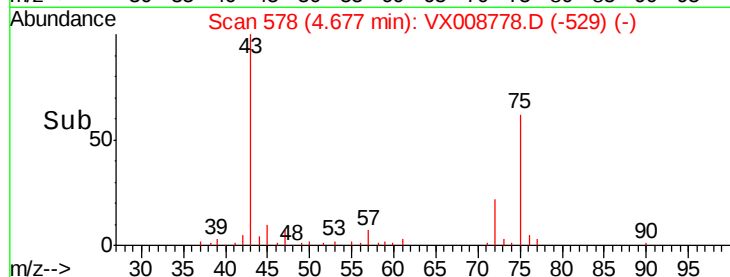
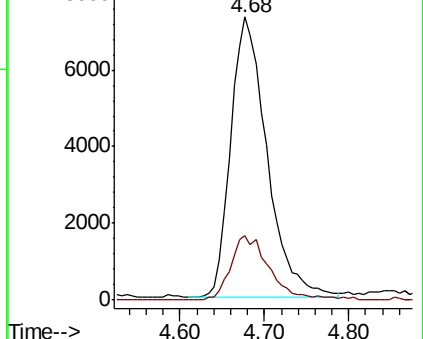
43 100

72 22.8 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 0.269 ug/l

RT: 4.70 min Scan# 581

Delta R.T. 0.11 min

Lab File: VX008778.D

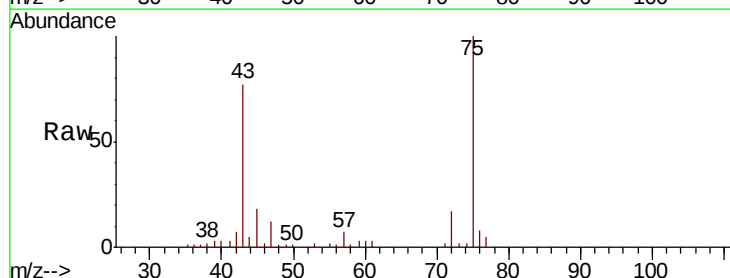
Acq: 09 Apr 2019 18:09

Tgt Ion: 77 Resp: 966

Ion Ratio Lower Upper

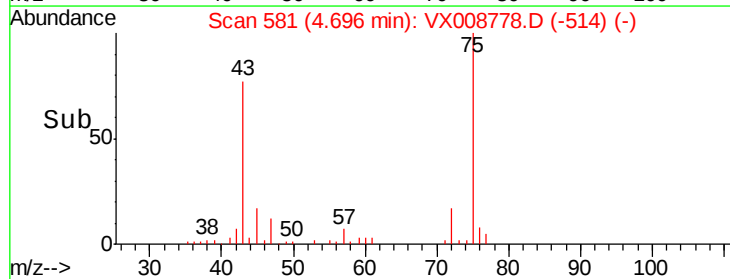
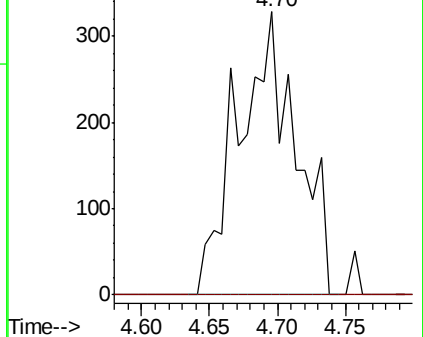
77 100

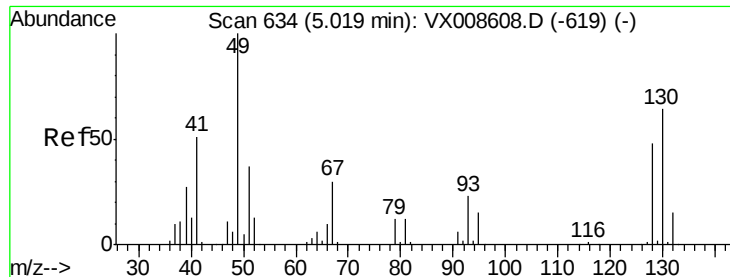
97 0.0 11.5 34.5#



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#28

Bromochloromethane

Concen: Below Cal

RT: 5.04 min Scan# 638

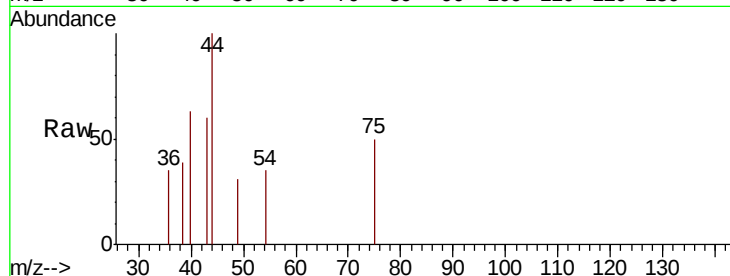
Delta R.T. 0.02 min

Lab File: VX008778.D

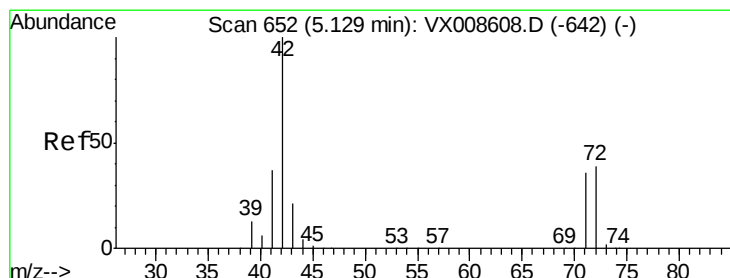
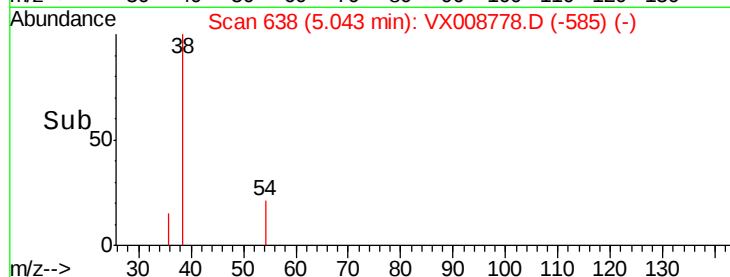
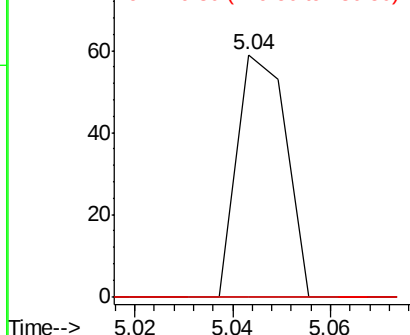
Acq: 09 Apr 2019 18:09

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 49 Resp: 41
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.6
130 0.0 49.3 73.9#



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V



#29

Tetrahydrofuran

Concen: 0.830 ug/l

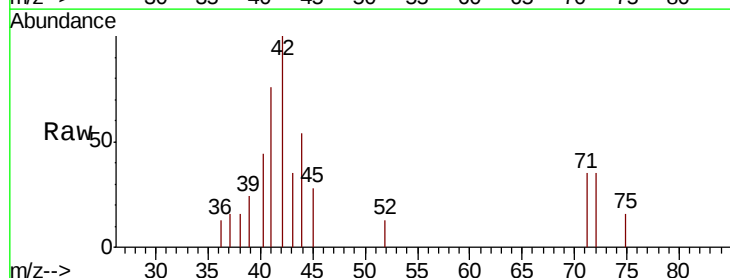
RT: 5.15 min Scan# 656

Delta R.T. 0.02 min

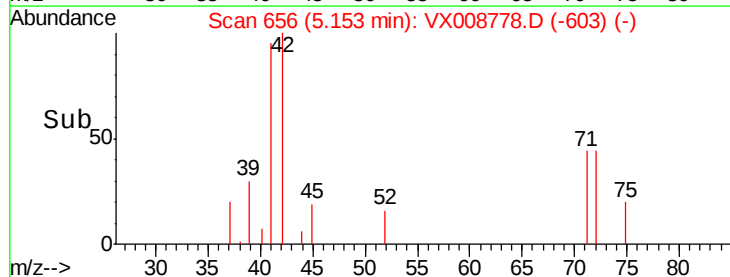
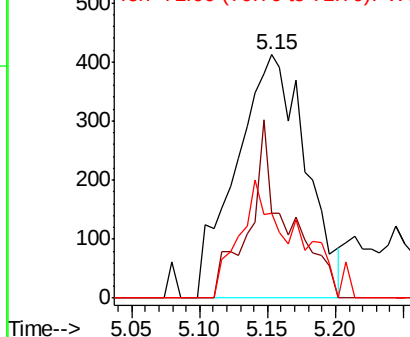
Lab File: VX008778.D

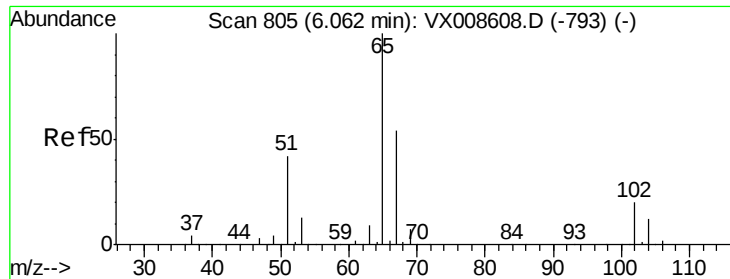
Acq: 09 Apr 2019 18:09

Tgt Ion: 42 Resp: 1476
Ion Ratio Lower Upper
42 100
72 39.8 30.5 45.7
71 26.3 28.6 43.0#



Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 47.039 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008778.D

Acq: 09 Apr 2019 18:09

Instrument :

MSVOA_X

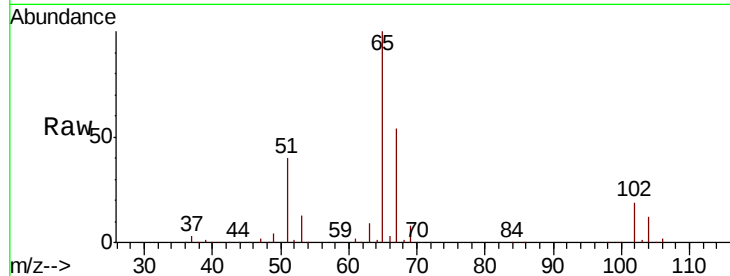
ClientSampleId :

Tot Ion: 65 Resp: 138395

Ion Ratio Lower Upper

65 100

67 54.2 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

30000

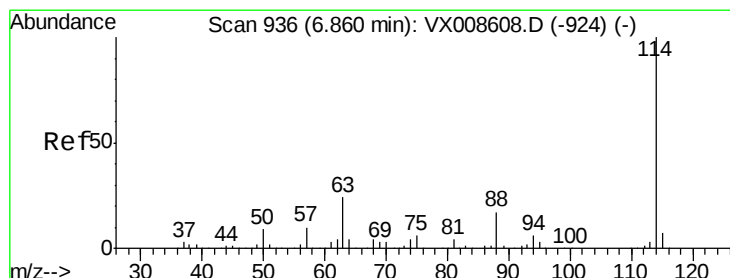
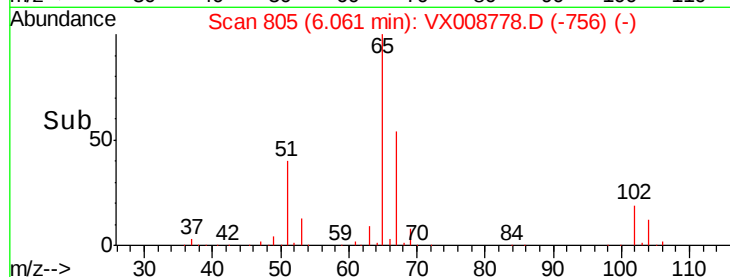
20000

10000

0

6.00 6.10 6.20

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX008778.D

Acq: 09 Apr 2019 18:09

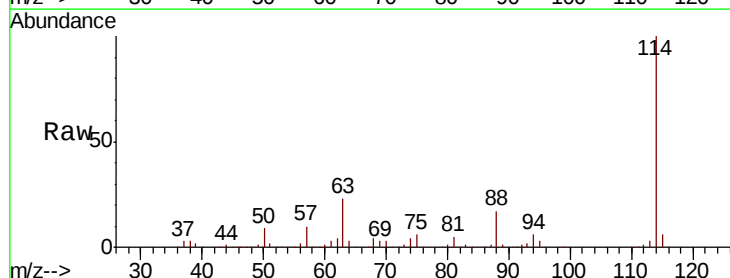
Tgt Ion:114 Resp: 333354

Ion Ratio Lower Upper

114 100

63 23.3 0.0 47.2

88 16.8 0.0 34.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.86

150000

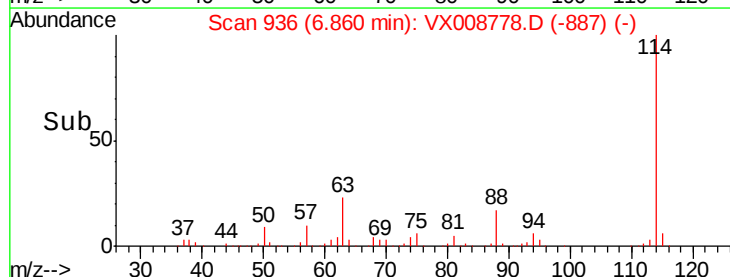
100000

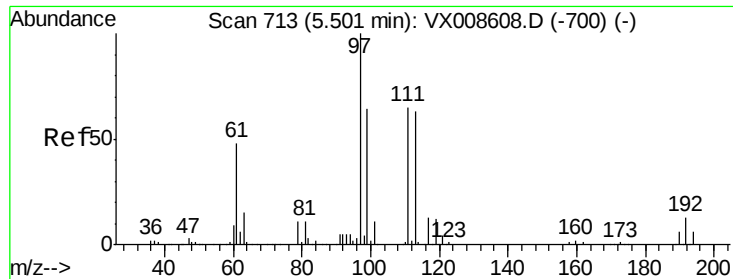
50000

0

6.70 6.80 6.90 7.00

Time-->

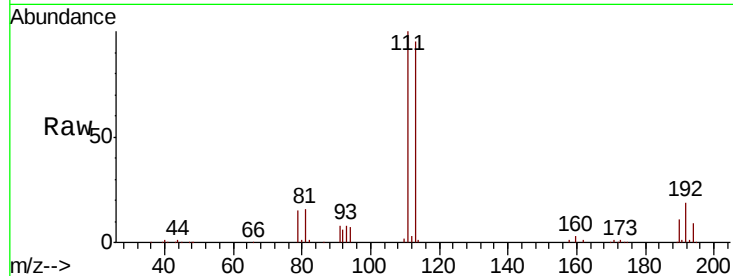




#35
 Dibromofluoromethane
 Concen: 47.463 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX008778.D
 Acq: 09 Apr 2019 18:09

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	83.4	125.2
192	20.3	16.1	24.1

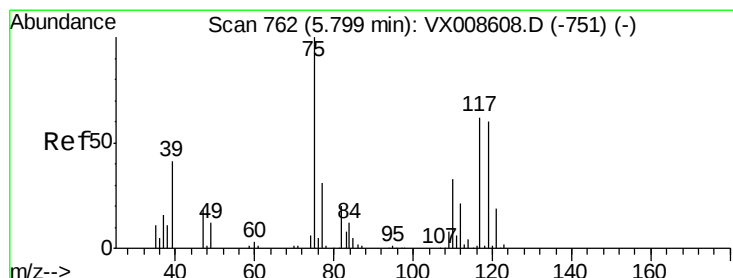
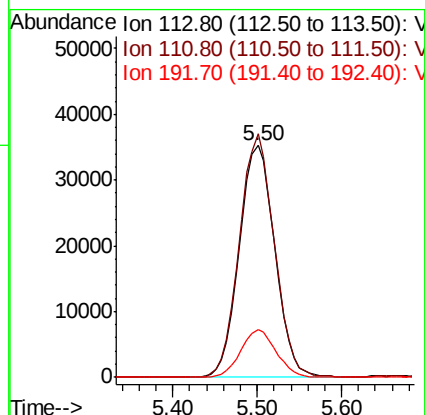
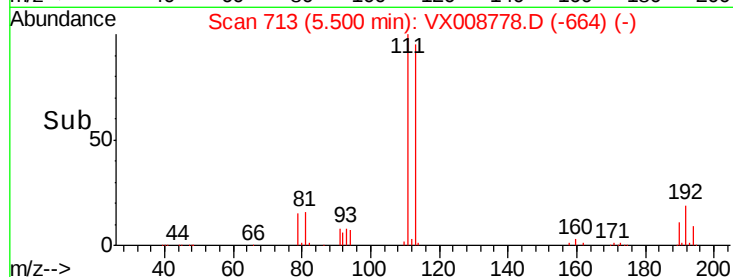


Abundance

Ion 112.80 (112.50 to 113.50): V

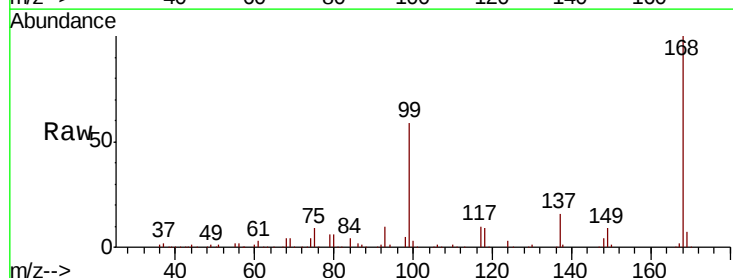
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 4.551 ug/l
 RT: 5.65 min Scan# 738
 Delta R.T. -0.15 min
 Lab File: VX008778.D
 Acq: 09 Apr 2019 18:09

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.6	16.4	49.2#
77	0.0	24.7	37.1#

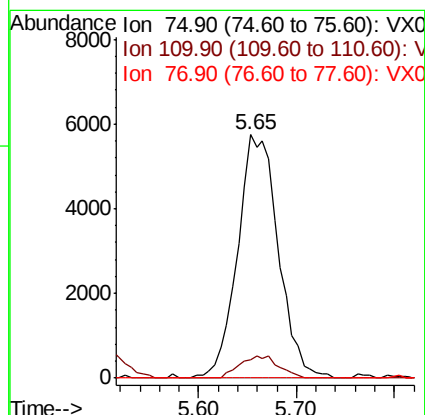
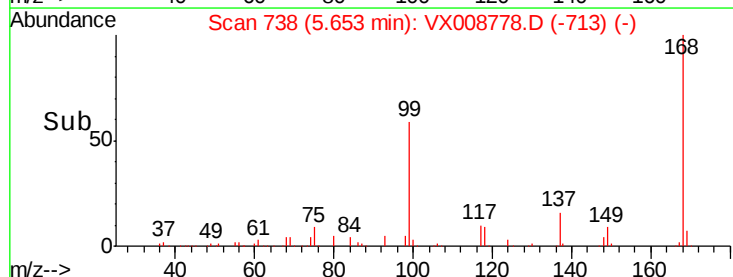


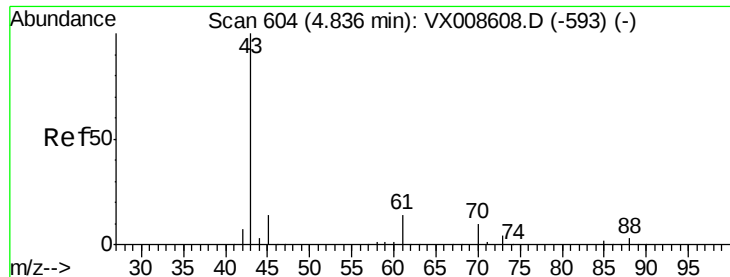
Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 4.395 ug/l

RT: 4.68 min Scan# 578

Delta R.T. -0.16 min

Lab File: VX008778.D

Acq: 09 Apr 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

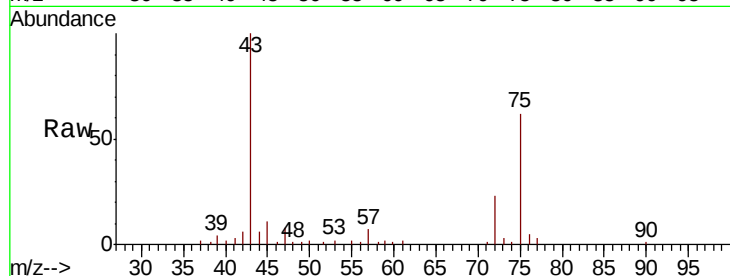
Tot Ion: 43 Resp: 21378

Ion Ratio Lower Upper

43 100

61 0.0 10.3 15.5#

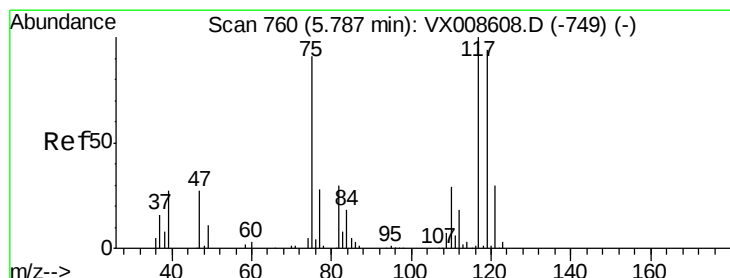
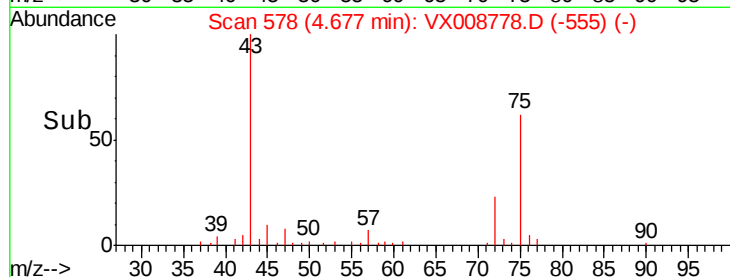
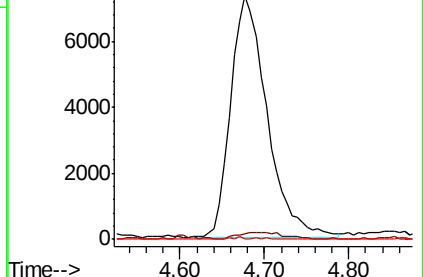
70 0.2 7.6 11.4#



Abundance Ion 43.00 (42.70 to 43.70): VX008778.D (-578) (-)

Ion 60.90 (60.60 to 61.60): VX008778.D (-578) (-)

Ion 70.00 (69.70 to 70.70): VX008778.D (-578) (-)



#38

Carbon Tetrachloride

Concen: 6.295 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.13 min

Lab File: VX008778.D

Acq: 09 Apr 2019 18:09

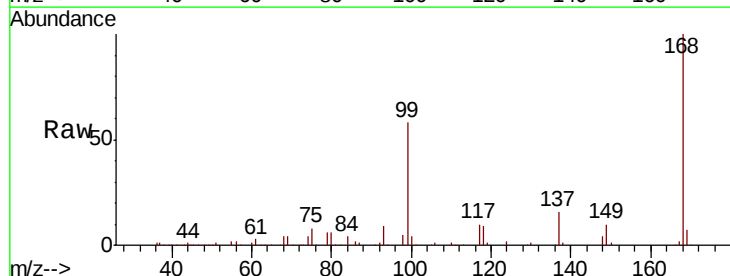
Tgt Ion: 117 Resp: 18986

Ion Ratio Lower Upper

117 100

119 5.5 75.0 112.6#

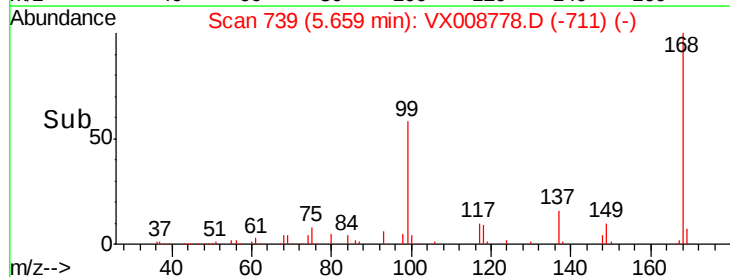
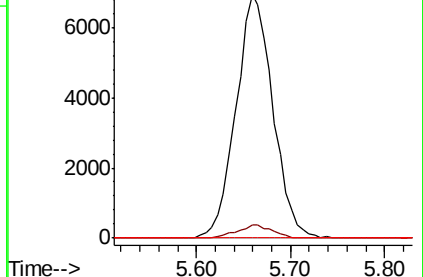
121 0.0 24.3 36.5#

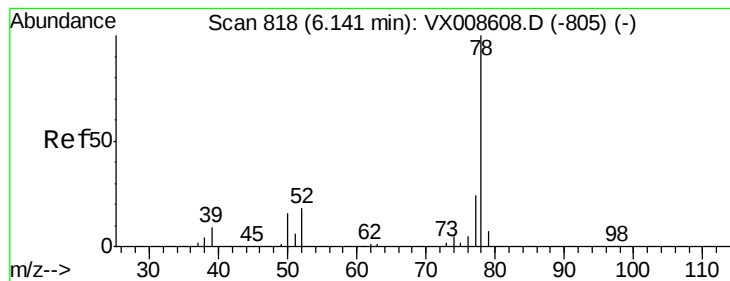


Abundance Ion 116.80 (116.50 to 117.50): VX008778.D (-739) (-)

Ion 118.80 (118.50 to 119.50): VX008778.D (-739) (-)

Ion 120.80 (120.50 to 121.50): VX008778.D (-739) (-)





#40

Benzene

Concen: 6.407 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX008778.D

Acq: 09 Apr 2019 18:09

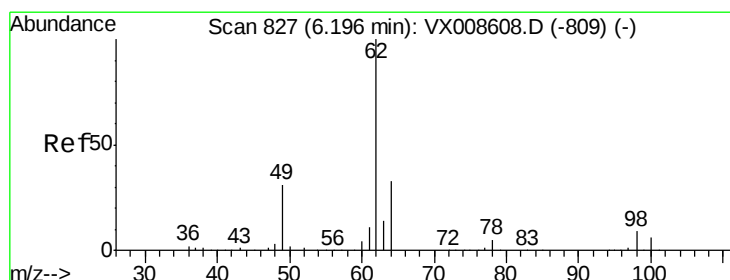
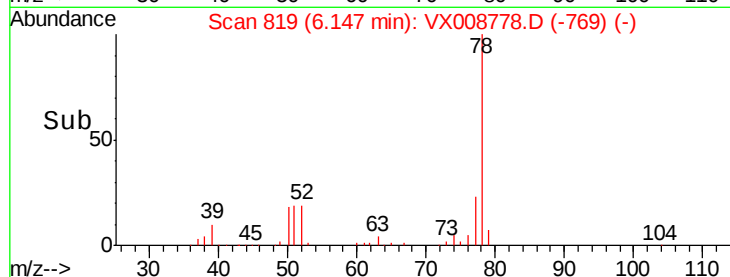
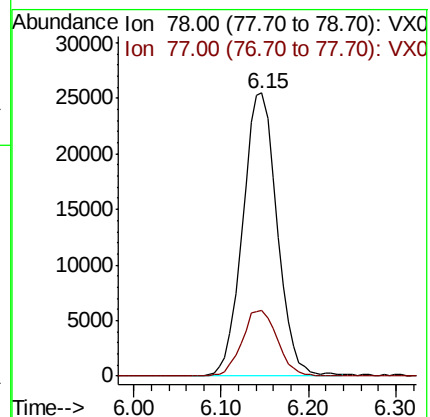
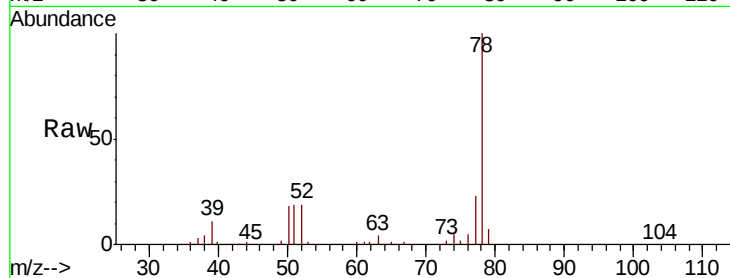
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 78 Resp: 69552

Ion Ratio Lower Upper

78 100

77 23.3 19.1 28.7



#42

1,2-Dichloroethane

Concen: 0.216 ug/l

RT: 6.15 min Scan# 820

Delta R.T. -0.04 min

Lab File: VX008778.D

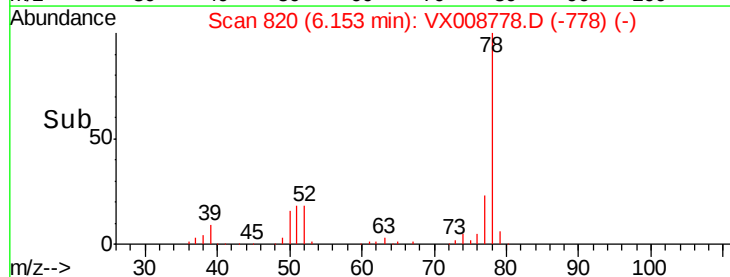
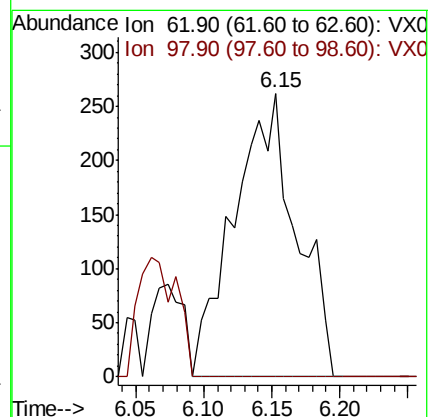
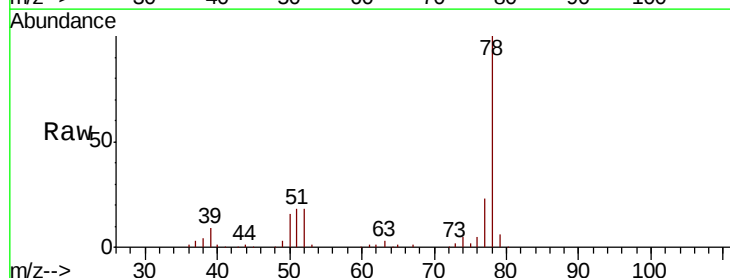
Acq: 09 Apr 2019 18:09

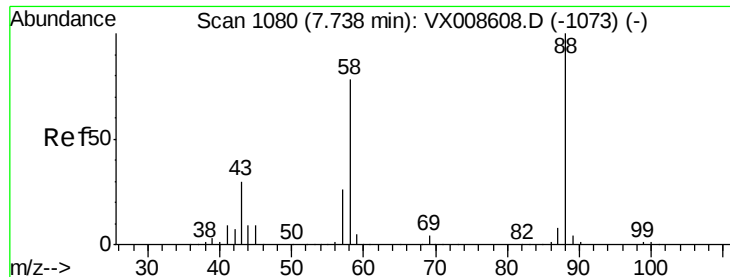
Tgt Ion: 62 Resp: 840

Ion Ratio Lower Upper

62 100

98 0.0 0.0 18.0

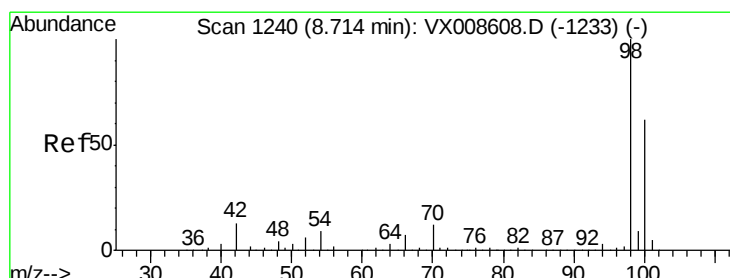
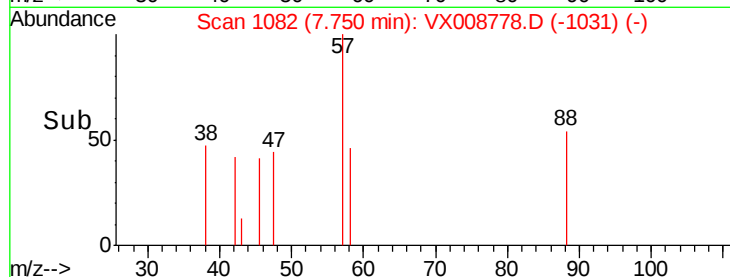
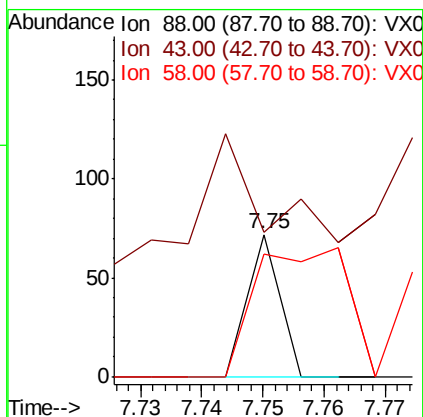
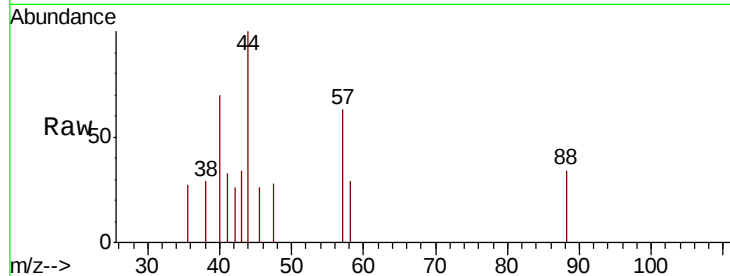




#49
1,4-Dioxane
Concen: 0.360 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.01 min
Lab File: VX008778.D
Acq: 09 Apr 2019 18:09

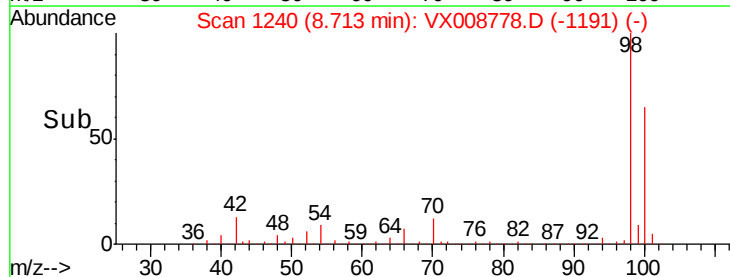
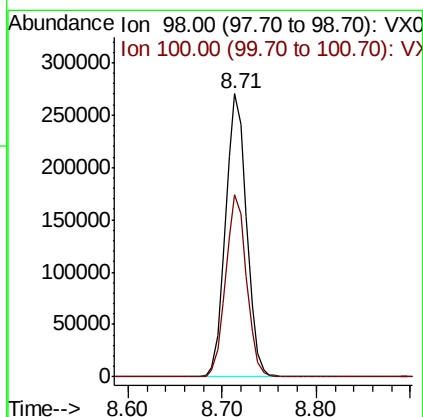
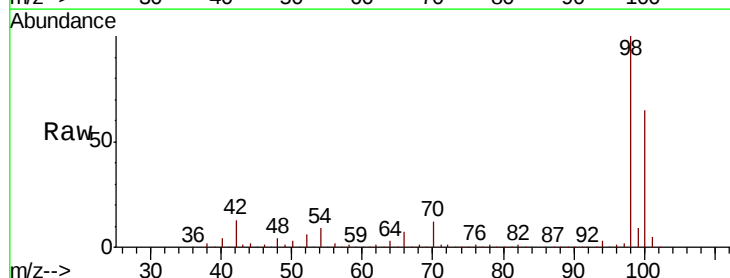
Instrument :
MSVOA_X
ClientSampled :

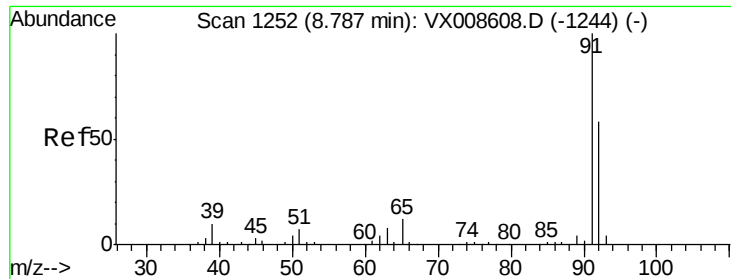
Tot Ion: 88 Resp: 26
Ion Ratio Lower Upper
88 100
43 273.1 28.6 43.0#
58 0.0 62.2 93.2#



#50
Toluene-d8
Concen: 49.216 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008778.D
Acq: 09 Apr 2019 18:09

Tgt Ion: 98 Resp: 417669
Ion Ratio Lower Upper
98 100
100 63.9 51.4 77.0





#52

Toluene

Concen: 1.025 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX008778.D

Acq: 09 Apr 2019 18:09

Instrument :

MSVOA_X

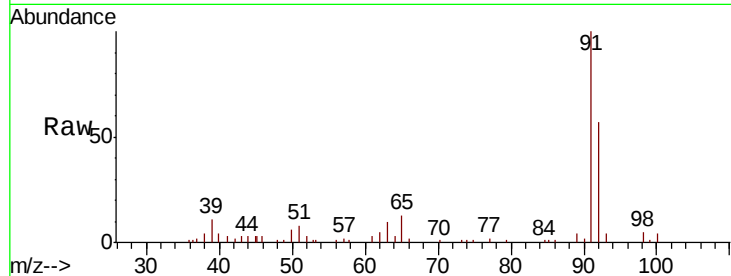
ClientSampleId :

Tot Ion: 92 Resp: 6559

Ion Ratio Lower Upper

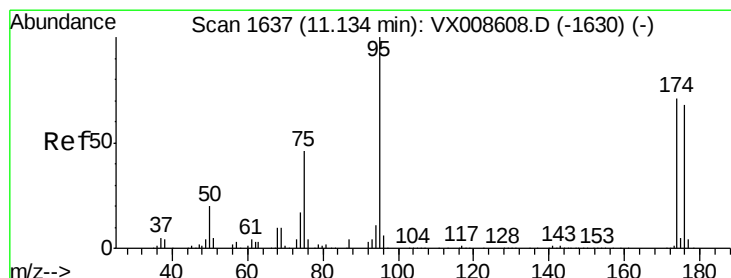
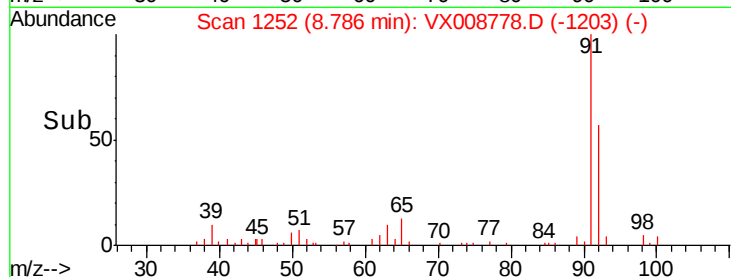
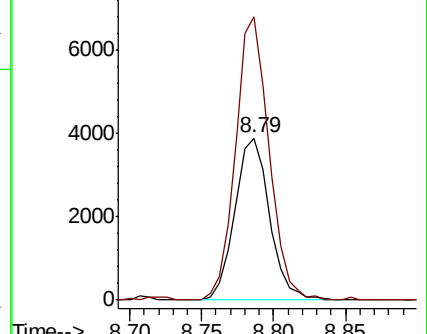
92 100

91 167.9 138.5 207.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 46.250 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008778.D

Acq: 09 Apr 2019 18:09

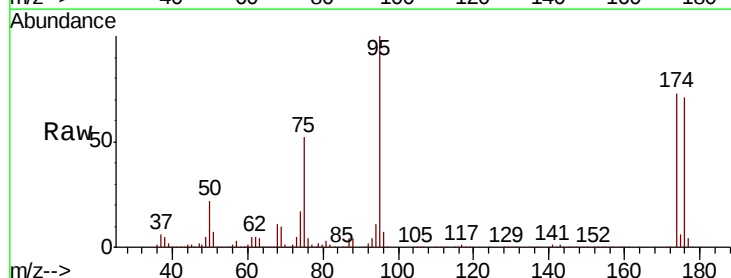
Tgt Ion: 95 Resp: 139185

Ion Ratio Lower Upper

95 100

174 78.0 0.0 151.8

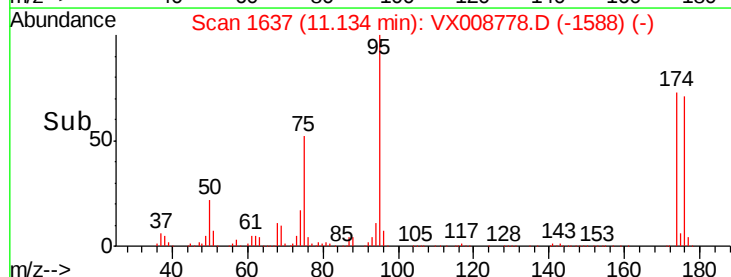
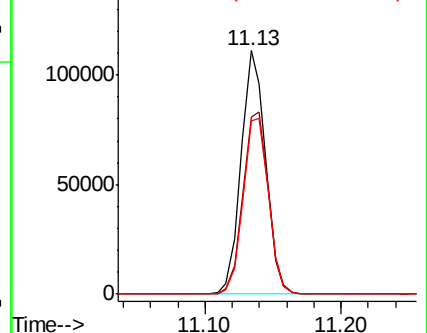
176 75.0 0.0 145.8

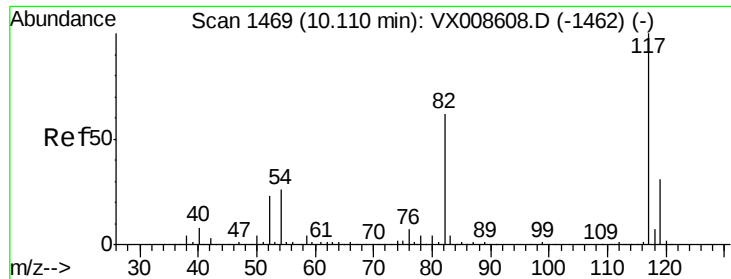


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

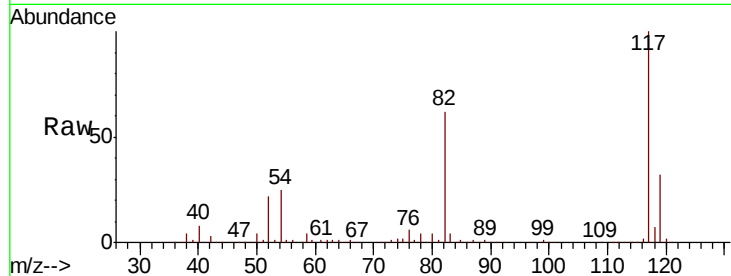




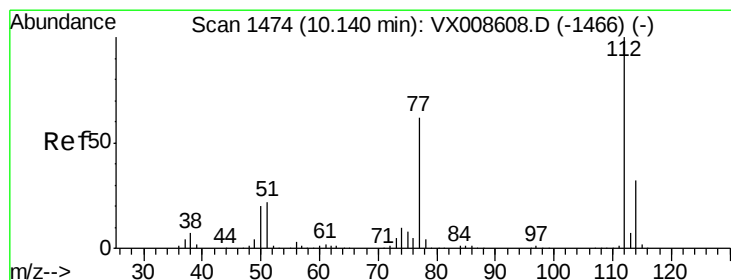
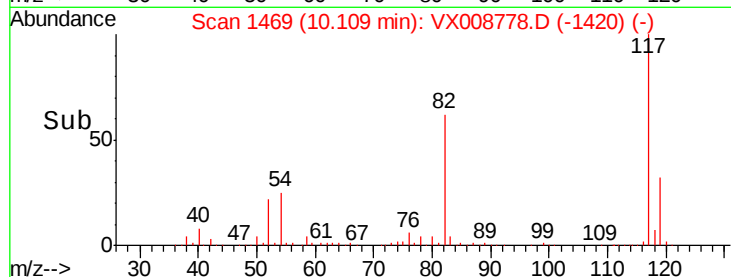
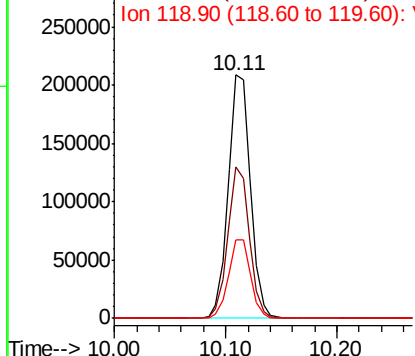
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008778.D
Acq: 09 Apr 2019 18:09

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:117 Resp: 287395
Ion Ratio Lower Upper
117 100
82 62.2 49.6 74.4
119 32.3 25.0 37.4

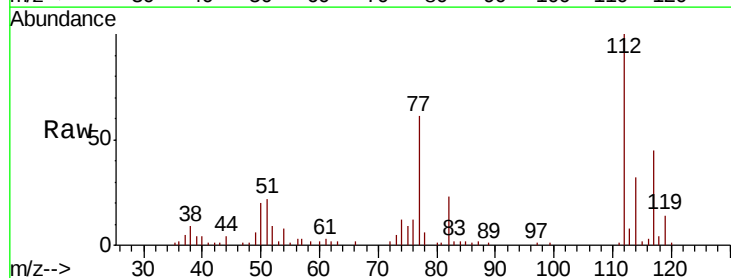


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

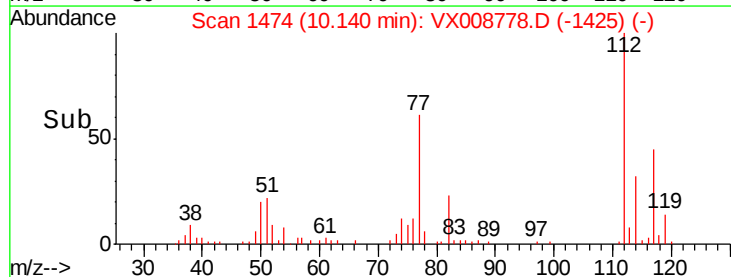
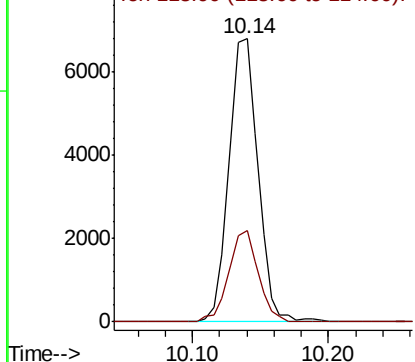


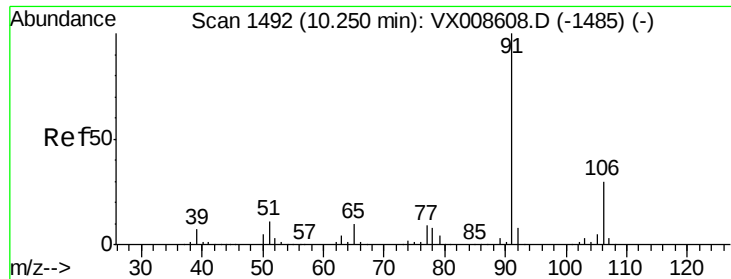
#65
Chlorobenzene
Concen: 1.585 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX008778.D
Acq: 09 Apr 2019 18:09

Tgt Ion:112 Resp: 10098
Ion Ratio Lower Upper
112 100
114 32.5 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V





#67

Ethyl Benzene

Concen: 0.654 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX008778.D

Acq: 09 Apr 2019 18:09

Instrument :

MSVOA_X

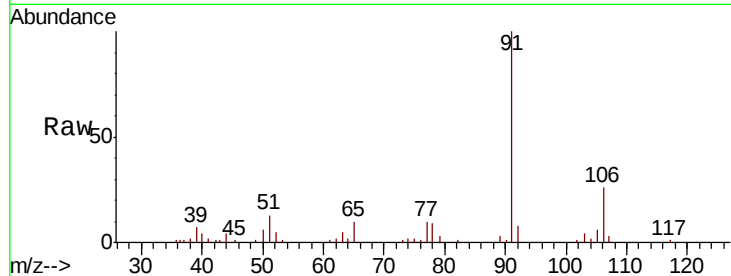
ClientSampled :

Tot Ion: 91 Resp: 7771

Ion Ratio Lower Upper

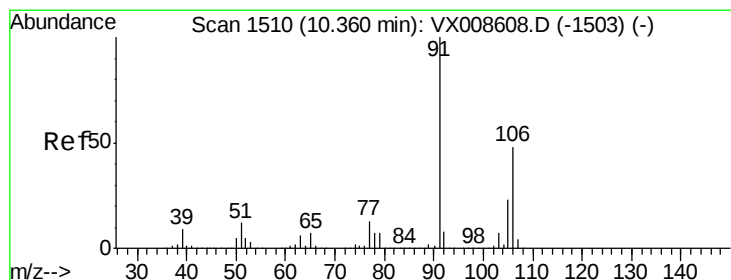
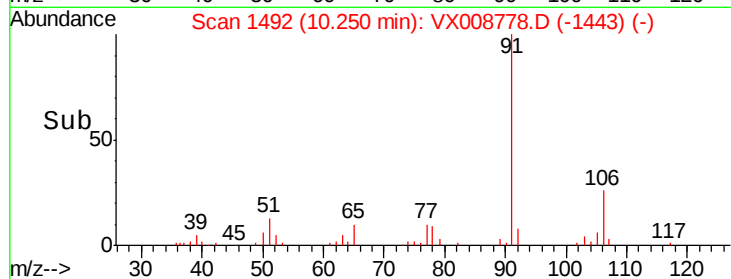
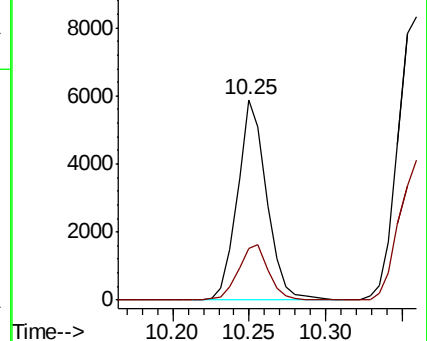
91 100

106 26.0 23.7 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 1.303 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX008778.D

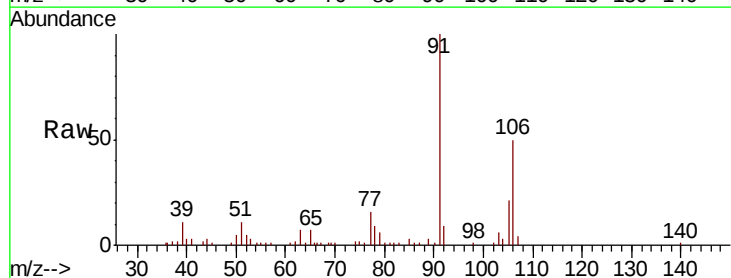
Acq: 09 Apr 2019 18:09

Tgt Ion: 106 Resp: 5567

Ion Ratio Lower Upper

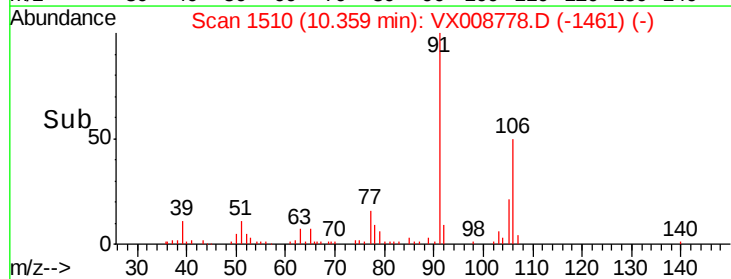
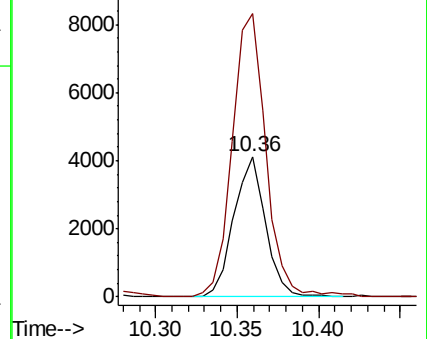
106 100

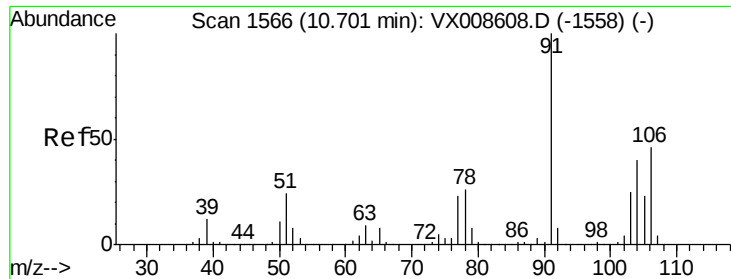
91 214.4 168.5 252.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

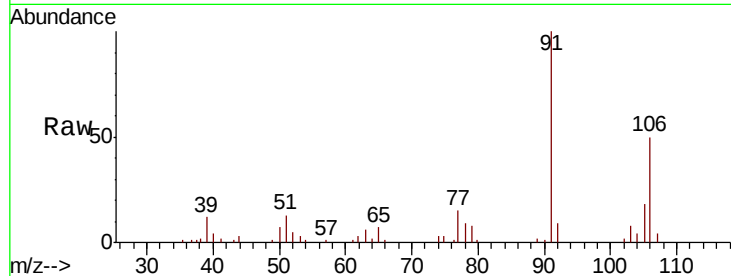




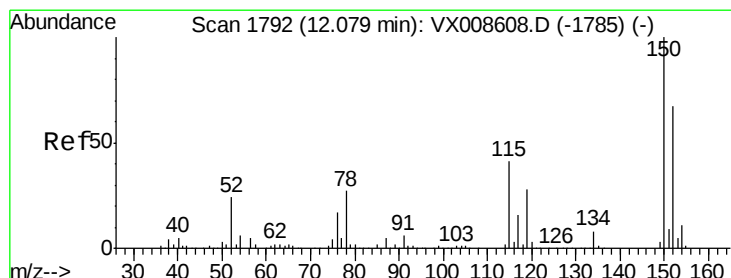
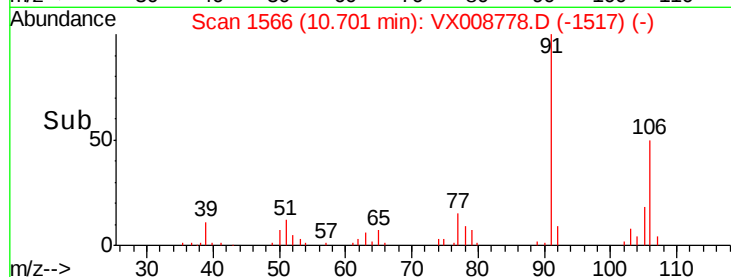
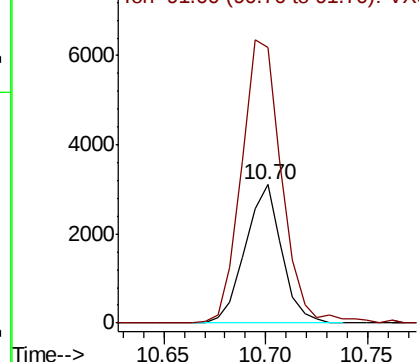
#69
o-Xylene
Concen: 0.926 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX008778.D
Acq: 09 Apr 2019 18:09

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:106 Resp: 3835
Ion Ratio Lower Upper
106 100
91 225.6 111.5 334.4

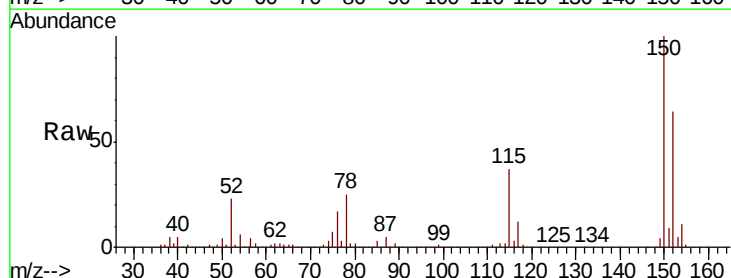


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

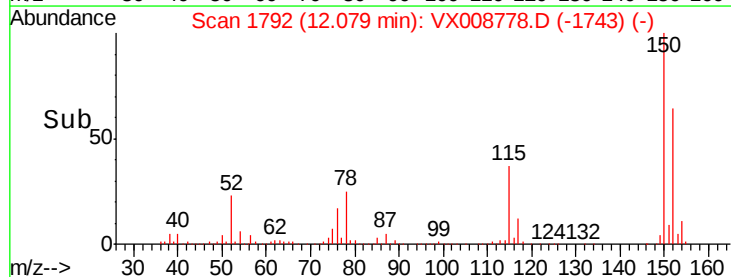
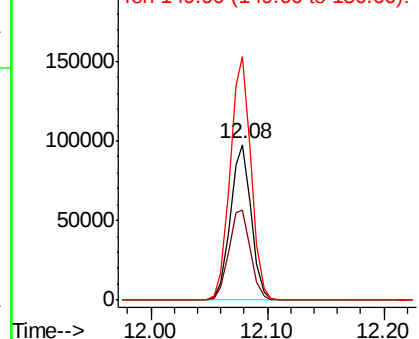


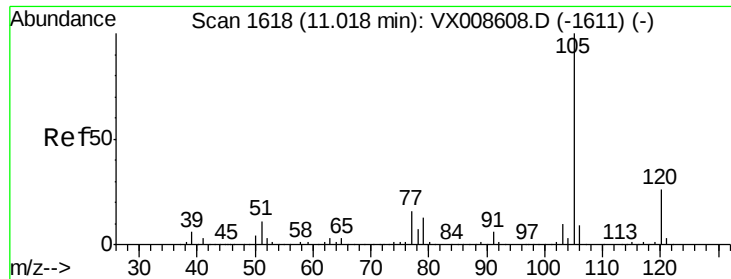
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008778.D
Acq: 09 Apr 2019 18:09

Tgt Ion:152 Resp: 120128
Ion Ratio Lower Upper
152 100
115 60.1 43.5 130.5
150 156.9 0.0 348.8



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: 1.305 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008778.D

Acq: 09 Apr 2019 18:09

Instrument :

MSVOA_X

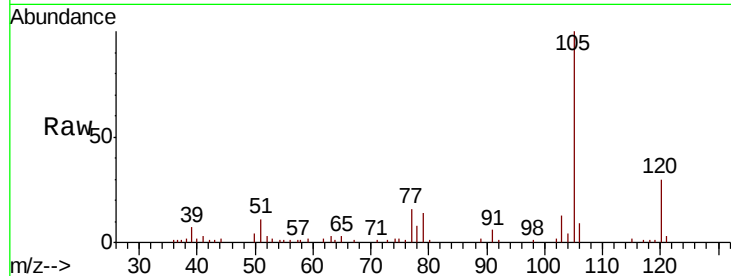
ClientSampleId :

Tot Ion:105 Resp: 12990

Ion Ratio Lower Upper

105 100

120 28.0 12.9 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

10000

8000

6000

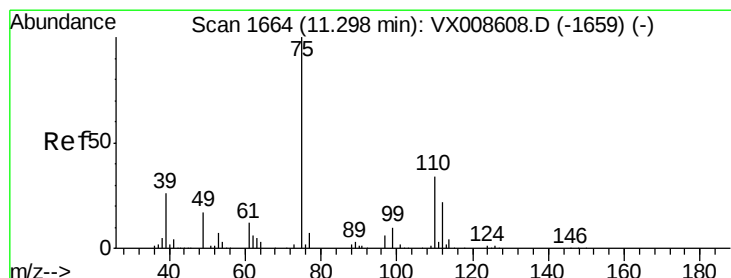
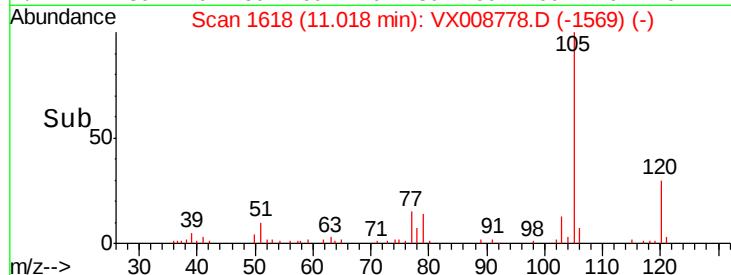
4000

2000

0

Time-->

10.95 11.00 11.05



#76

1,2,3-Trichloropropane

Concen: 21.479 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX008778.D

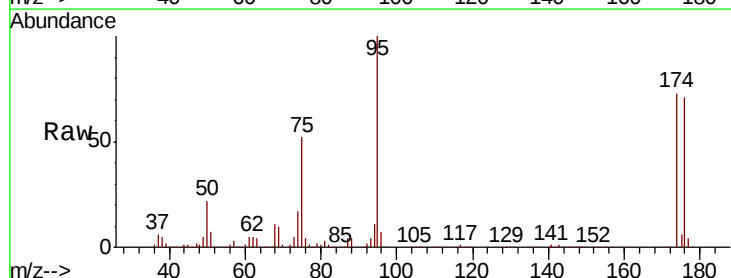
Acq: 09 Apr 2019 18:09

Tgt Ion: 75 Resp: 70882

Ion Ratio Lower Upper

75 100

77 1.2 22.3 66.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

11.13

60000

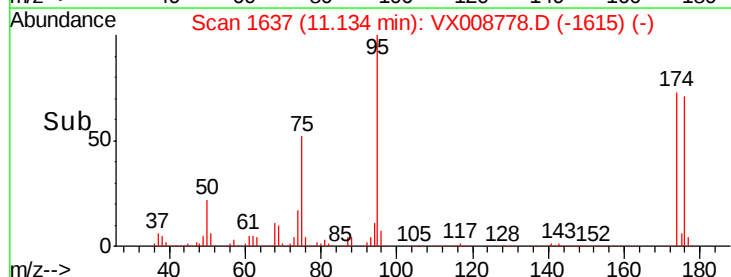
40000

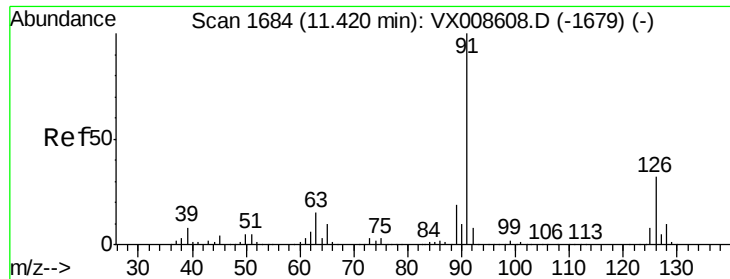
20000

0

Time-->

11.10 11.20

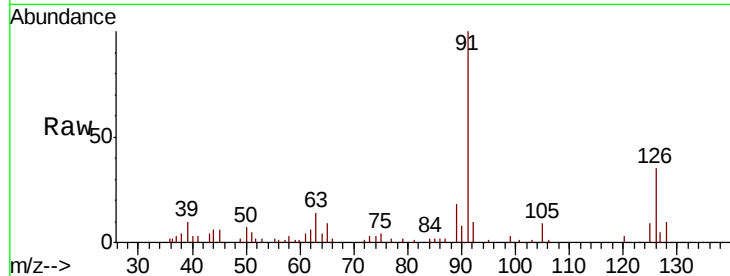




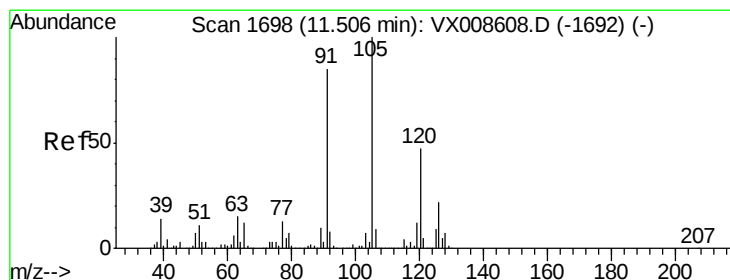
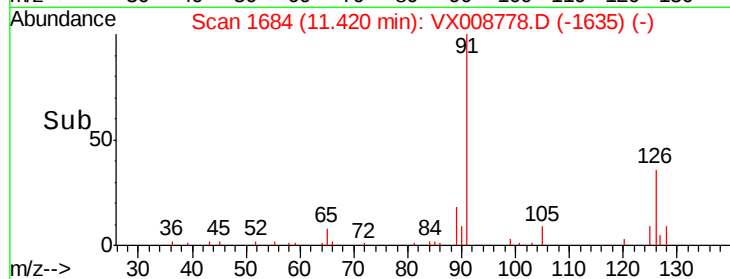
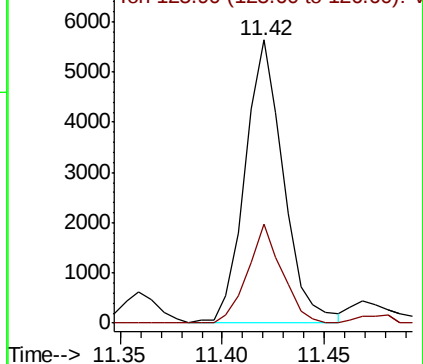
#79
 2-Chlorotoluene
 Concen: 1.055 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX008778.D
 Acq: 09 Apr 2019 18:09

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 91 Resp: 7400
 Ion Ratio Lower Upper
 91 100
 126 31.1 16.1 48.3

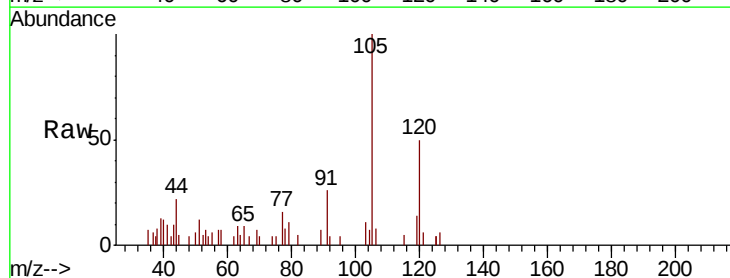


Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 125.90 (125.60 to 126.60): V

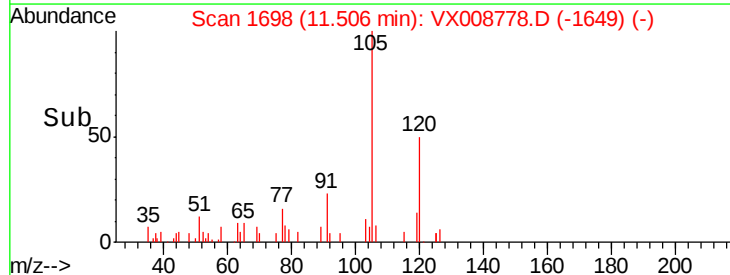
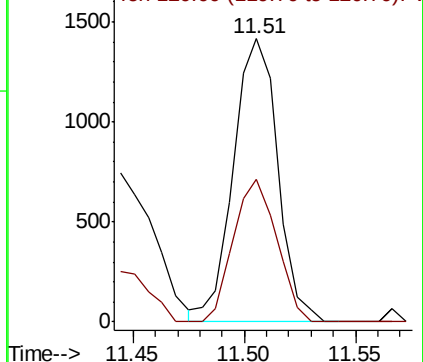


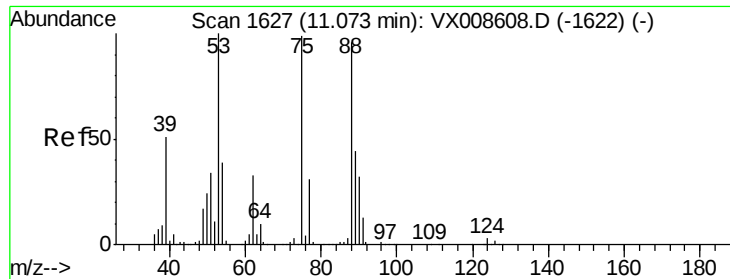
#80
 1,3,5-Trimethylbenzene
 Concen: 0.236 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX008778.D
 Acq: 09 Apr 2019 18:09

Tgt Ion:105 Resp: 1970
 Ion Ratio Lower Upper
 105 100
 120 49.1 23.5 70.6



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: 59.208 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX008778.D

Acq: 09 Apr 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

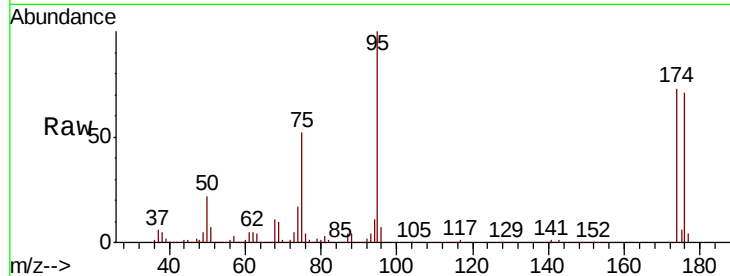
Tot Ion: 75 Resp: 70882

Ion Ratio Lower Upper

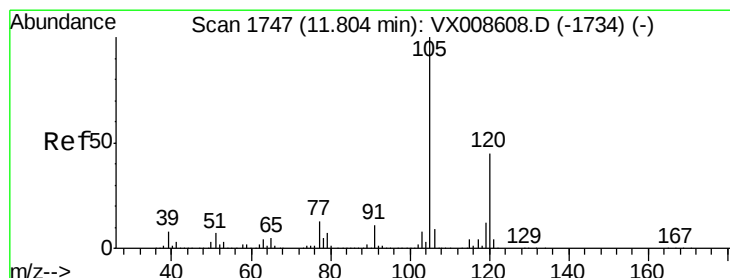
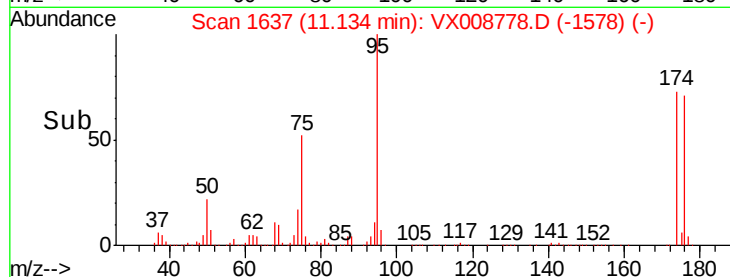
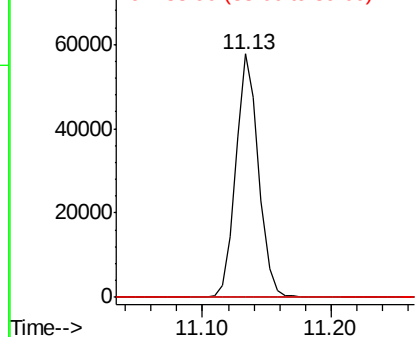
75 100

53 0.2 81.3 121.9#

89 0.0 35.6 53.4#



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#84

1,2,4-Trimethylbenzene

Concen: 0.711 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX008778.D

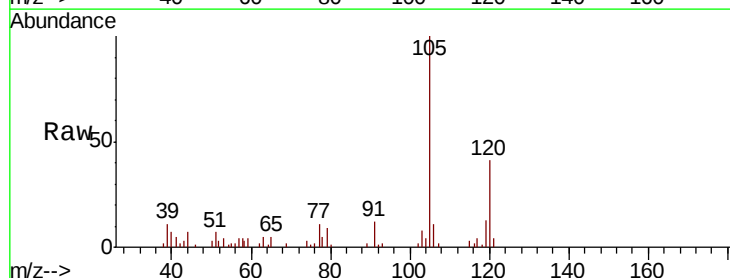
Acq: 09 Apr 2019 18:09

Tgt Ion:105 Resp: 6015

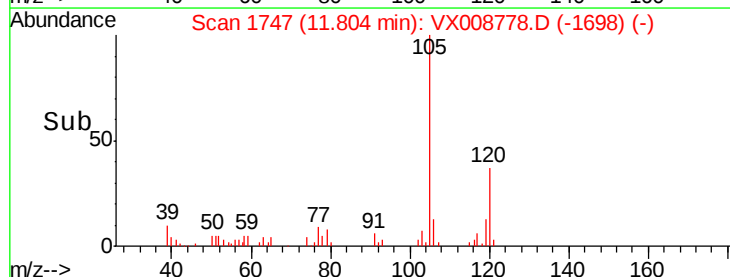
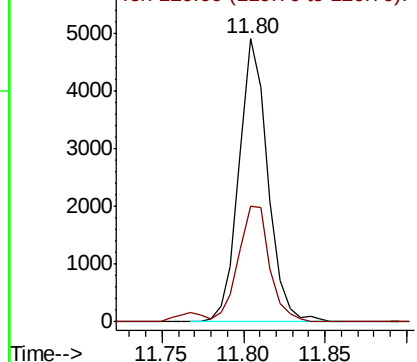
Ion Ratio Lower Upper

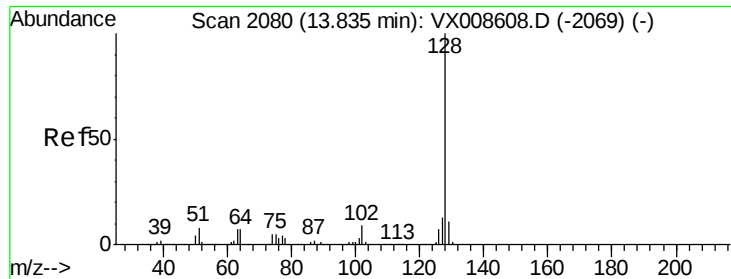
105 100

120 44.6 21.8 65.3



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

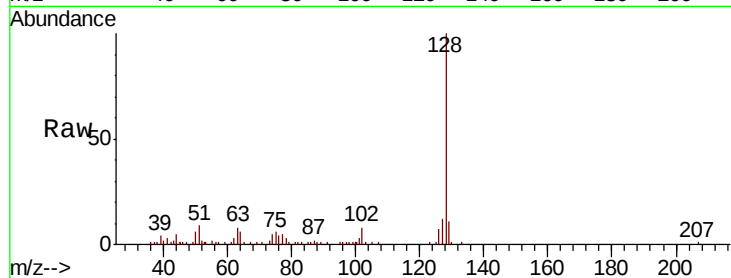




#95
Naphthalene
Concen: 1.135 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX008778.D
Acq: 09 Apr 2019 18:09

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.3	10.4	15.6
129	13.9	8.6	13.0



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

