

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX101118\
 Data File : VX005258.D
 Acq On : 11 Oct 2018 17:18
 Operator : JC/MD
 Sample : J5317-09 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 12 07:09:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	164919	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	260494	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	257394	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	143035	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	128744	54.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.30%	
35) Dibromofluoromethane	5.49	113	110258	49.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.88%	
50) Toluene-d8	8.71	98	375586	51.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.34%	
62) 4-Bromofluorobenzene	11.14	95	132631	50.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.32%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.32	50	651	0.239	ug/l #	85
5) Bromomethane	1.64	94	848	0.559	ug/l	90
6) Chloroethane	1.71	64	1458	Below Cal	#	45
9) 1,1,2-Trichlorotrifluoroet	2.38	101	2012	1.115	ug/l	92
10) Methyl Iodide	2.51	142	968	0.401	ug/l #	88
11) Tert butyl alcohol	3.02	59	1274	1.934	ug/l #	72
12) 1,1-Dichloroethene	2.37	96	639	0.358	ug/l #	71
13) Acrolein	2.29	56	210	0.448	ug/l	86
15) Acrylonitrile	3.15	53	797	0.550	ug/l #	72
16) Acetone	2.45	43	1789	1.301	ug/l #	81
17) Carbon Disulfide	2.57	76	1703	0.317	ug/l #	63
20) Methylene Chloride	2.85	84	569	Below Cal	#	90
21) trans-1,2-Dichloroethene	3.16	96	572	0.292	ug/l #	83
27) cis-1,2-Dichloroethene	4.59	96	1530	0.700	ug/l	60
29) Tetrahydrofuran	5.17	42	556	0.441	ug/l #	51
31) Cyclohexane	5.66	56	3234	1.079	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	11470	3.808	ug/l #	46
38) Carbon Tetrachloride	5.67	117	14876	4.698	ug/l #	18
39) Methylcyclohexane	7.21	83	3459	1.125	ug/l #	1
44) Trichloroethene	7.21	130	308553	133.099	ug/l	99
49) 1,4-Dioxane	7.77	88	206	3.166	ug/l #	74
58) 2-Chloroethyl Vinyl ether	8.32	63	117	14.299	ug/l #	49
60) Dibromochloromethane	9.34	129	906	0.399	ug/l #	10
64) Tetrachloroethene	9.34	164	1171	0.462	ug/l #	90
70) Styrene	10.72	104	202	2.168	ug/l #	58
74) N-amyl acetate	10.90	43	161	1.779	ug/l #	48
76) 1,2,3-Trichloropropane	11.14	75	65578	20.455	ug/l #	35
80) 1,3,5-Trimethylbenzene	11.51	105	185	Below Cal	#	38
81) trans-1,4-Dichloro-2-buten	11.14	75	65578	55.559	ug/l #	10
84) 1,2,4-Trimethylbenzene	11.81	105	311	Below Cal	#	65
94) Hexachlorobutadiene	13.78	225	421	0.226	ug/l	92
95) Naphthalene	13.83	128	890	0.793	ug/l #	89

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QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration

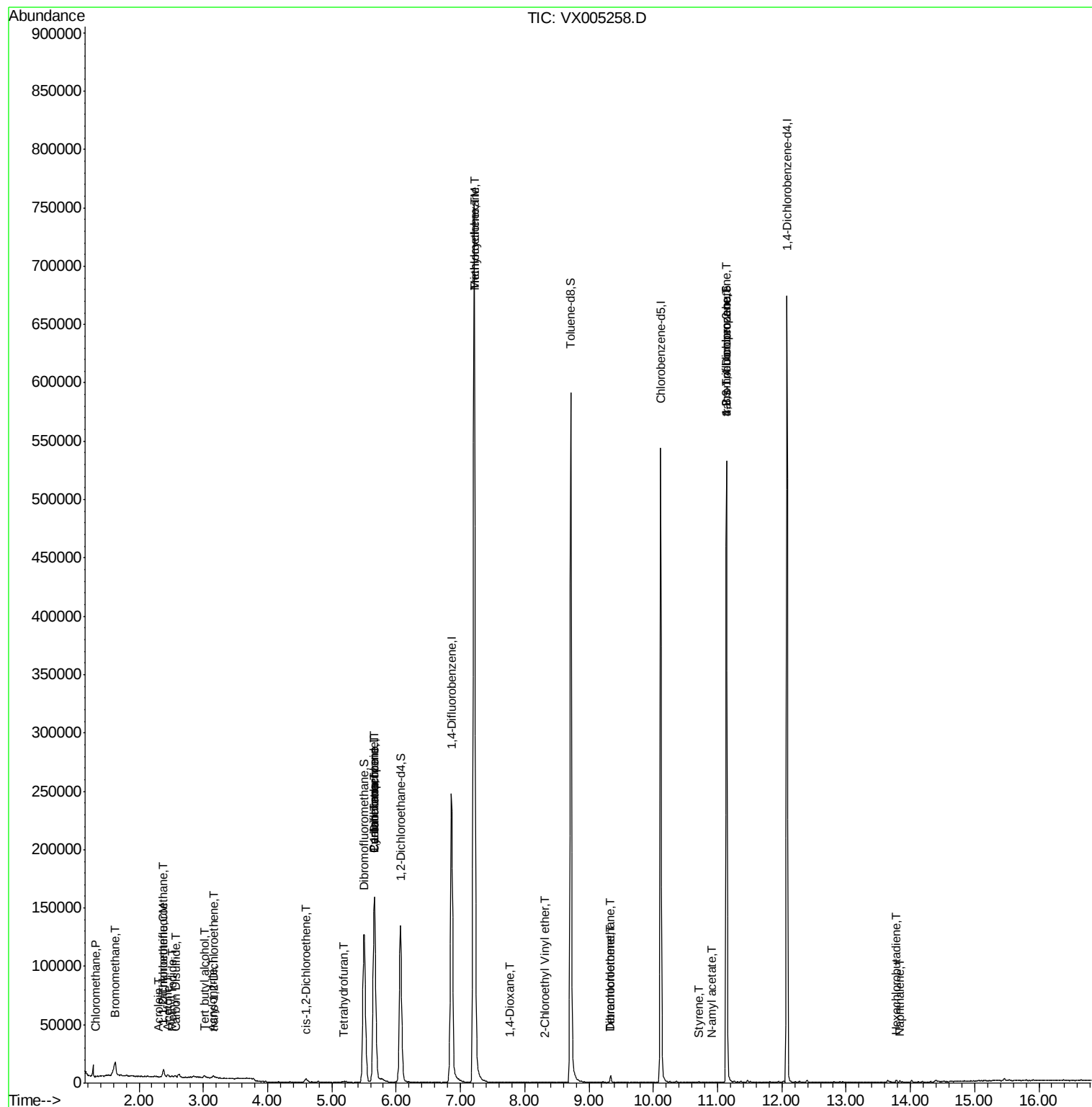
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

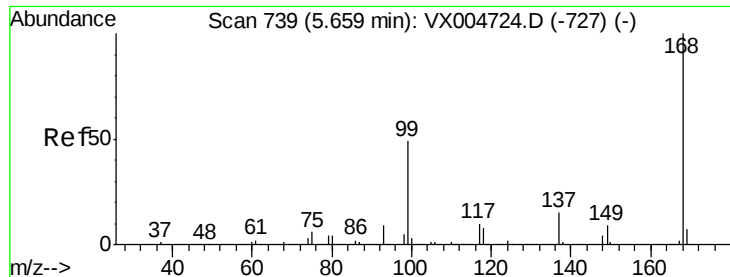
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX005258.D

Acq: 11 Oct 2018 17:18

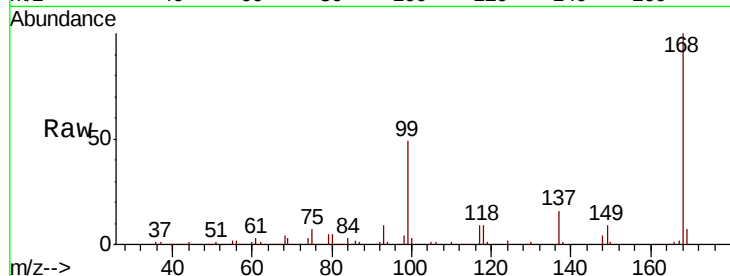
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 164919

Ion Ratio Lower Upper

168 100

99 49.4 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

60000

50000

40000

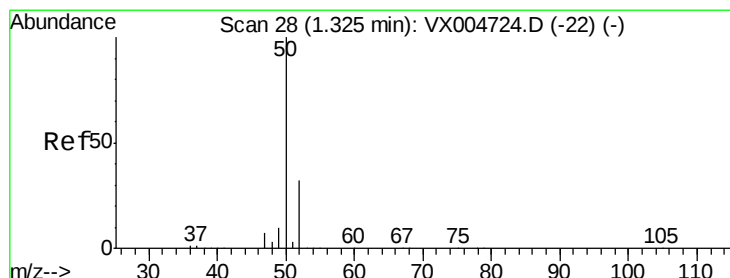
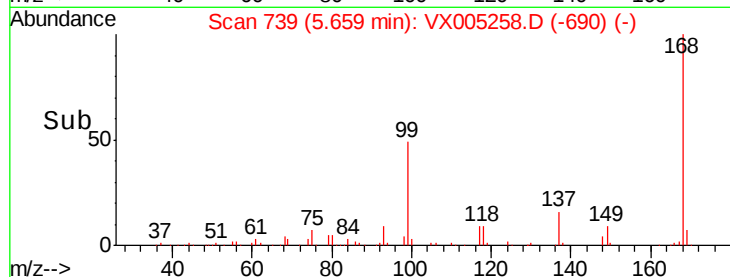
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.239 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX005258.D

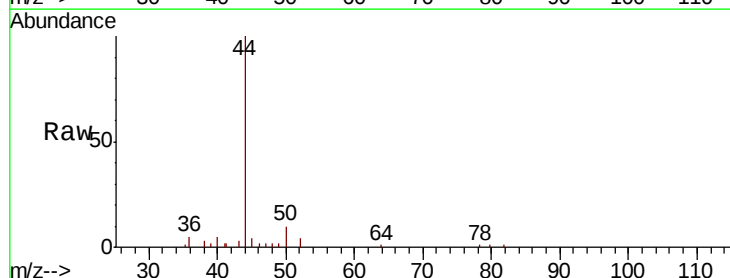
Acq: 11 Oct 2018 17:18

Tgt Ion: 50 Resp: 651

Ion Ratio Lower Upper

50 100

52 40.8 25.8 38.6#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

400

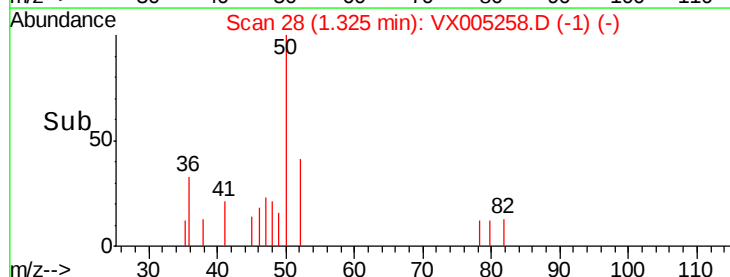
300

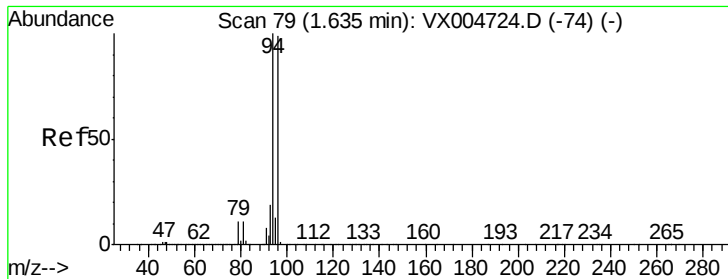
200

100

0

Time--> 1.30 1.35





#5

Bromomethane

Concen: 0.559 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX005258.D

Acq: 11 Oct 2018 17:18

Instrument :

MSVOA_X

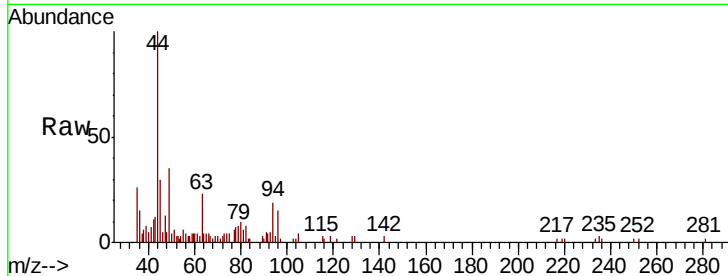
ClientSampleId :

Tot Ion: 94 Resp: 848

Ion Ratio Lower Upper

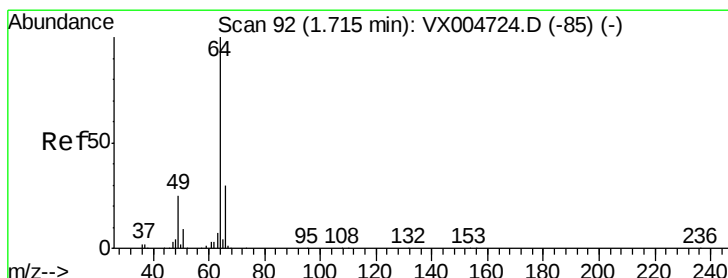
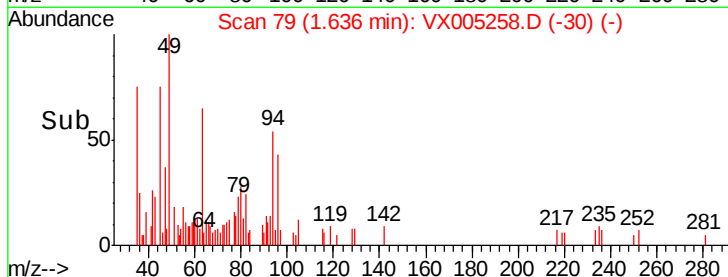
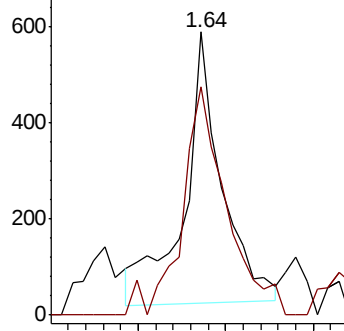
94 100

96 89.6 79.5 119.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: Below Cal

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX005258.D

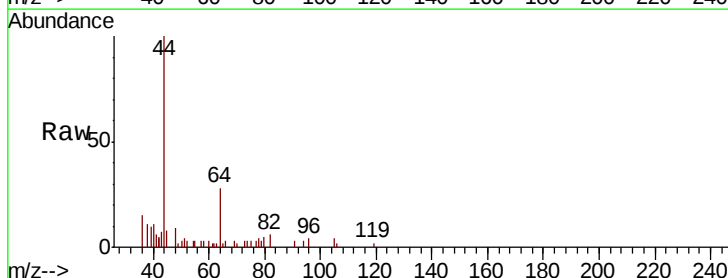
Acq: 11 Oct 2018 17:18

Tgt Ion: 64 Resp: 1458

Ion Ratio Lower Upper

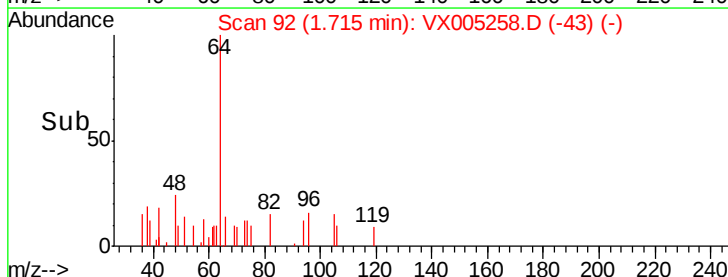
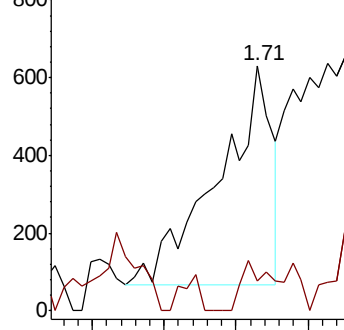
64 100

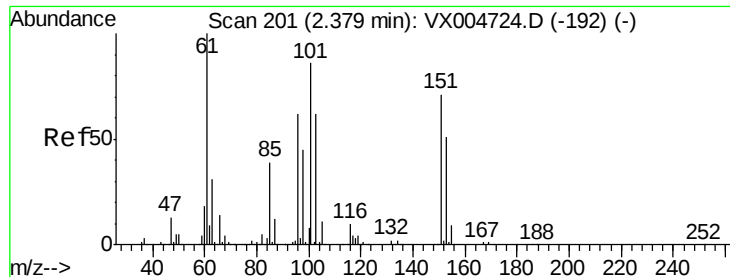
66 0.0 23.8 35.6#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.115 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX005258.D

Acq: 11 Oct 2018 17:18

Instrument :

MSVOA_X

ClientSampled :

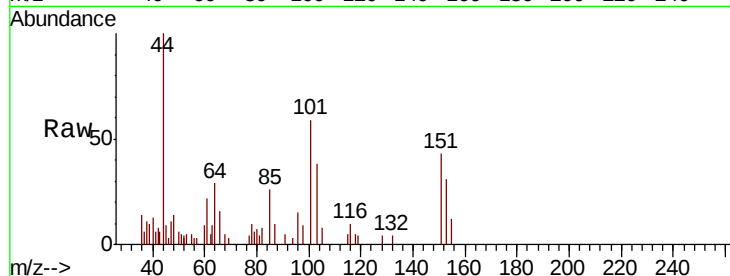
Tot Ion:101 Resp: 2012

Ion Ratio Lower Upper

101 100

85 49.9 35.9 53.9

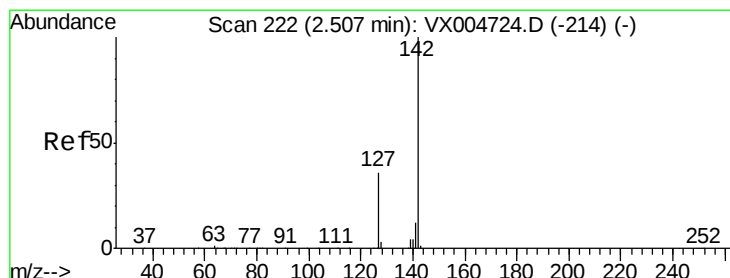
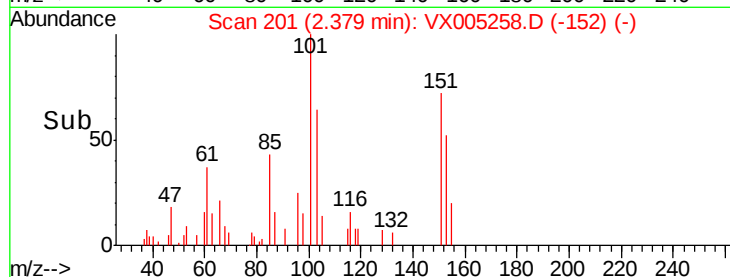
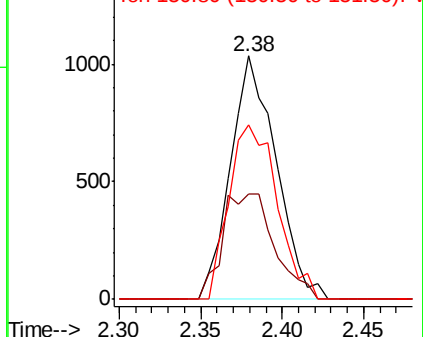
151 76.2 66.6 100.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 0.401 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX005258.D

Acq: 11 Oct 2018 17:18

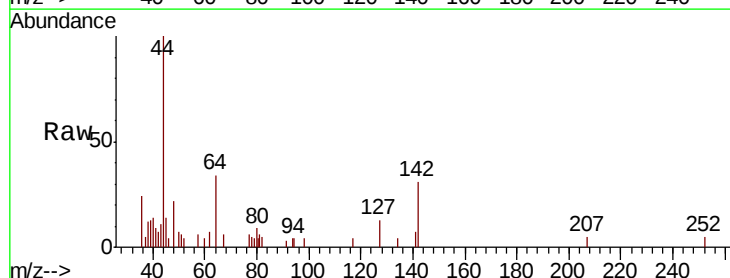
Tgt Ion:142 Resp: 968

Ion Ratio Lower Upper

142 100

127 43.6 30.1 45.1

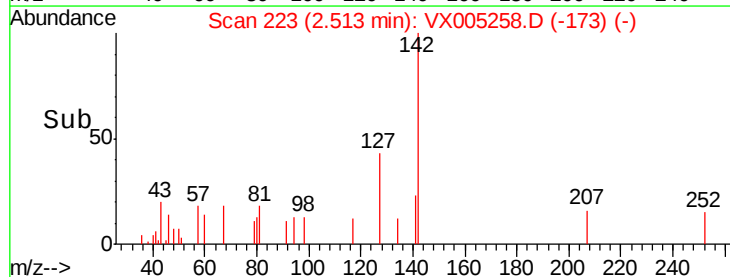
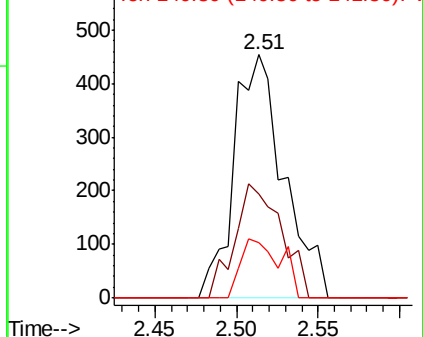
141 19.3 10.1 15.1#

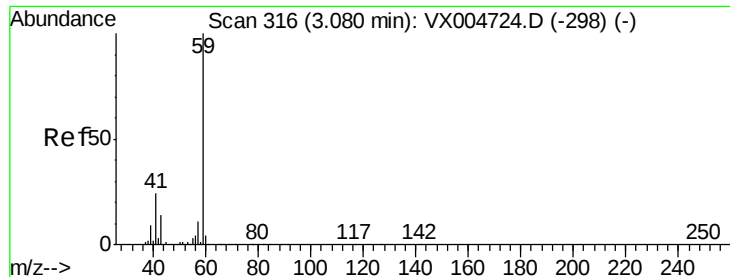


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



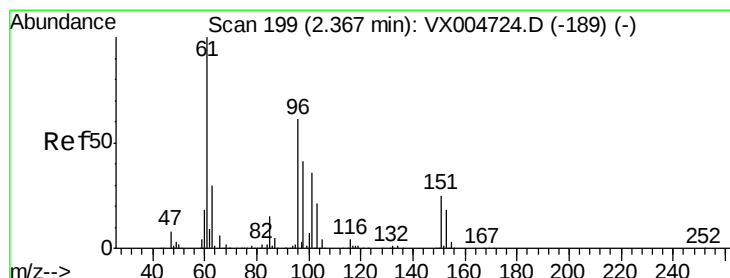
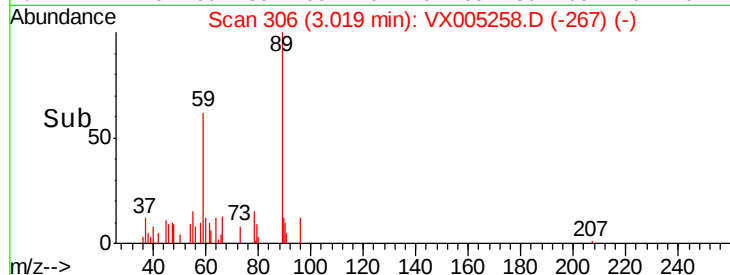
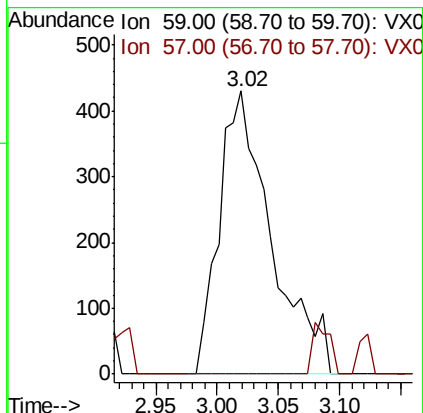
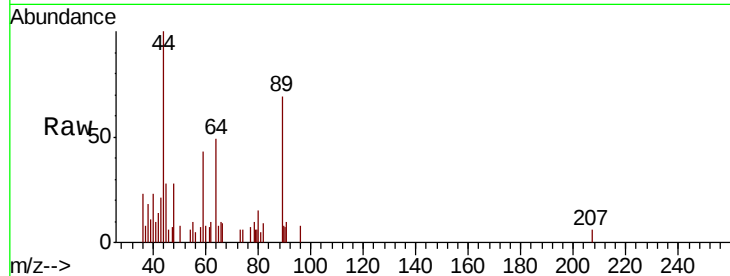


#11

Tert butyl alcohol
 Concen: 1.934 ug/l
 RT: 3.02 min Scan# 306
 Delta R.T. -0.06 min
 Lab File: VX005258.D
 Acq: 11 Oct 2018 17:18

Instrument :
 MSVOA_X
 ClientSampled :

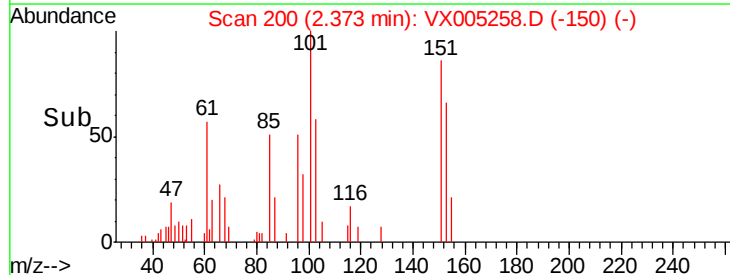
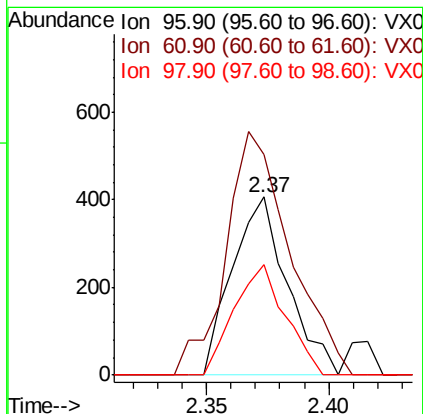
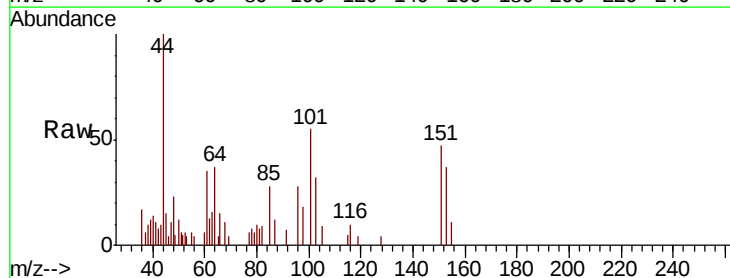
Tot Ion: 59 Resp: 1274
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.6 12.8#

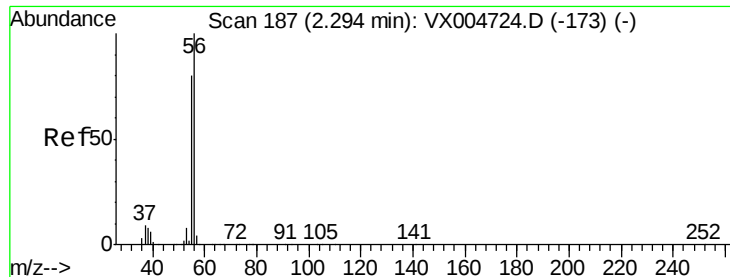


#12

1,1-Dichloroethene
 Concen: 0.358 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.01 min
 Lab File: VX005258.D
 Acq: 11 Oct 2018 17:18

Tgt Ion: 96 Resp: 639
 Ion Ratio Lower Upper
 96 100
 61 111.3 130.2 195.4#
 98 62.3 53.4 80.0





#13

Acrolein

Concen: 0.448 ug/l

RT: 2.29 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX005258.D

Acq: 11 Oct 2018 17:18

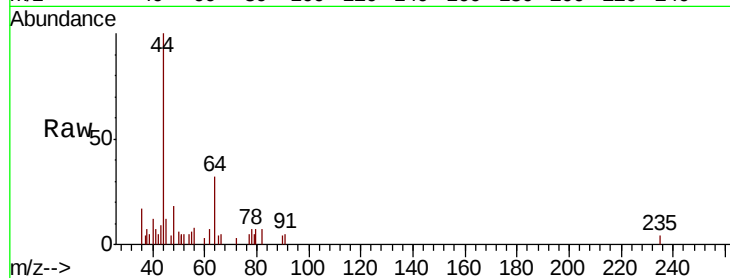
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 210

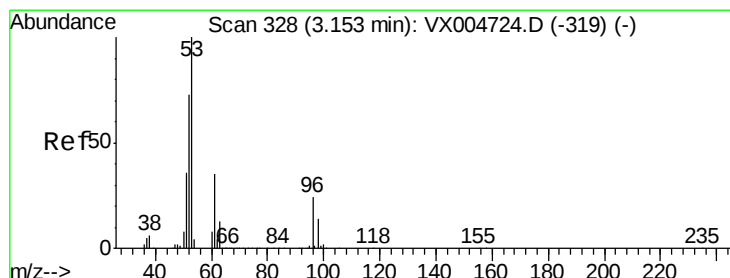
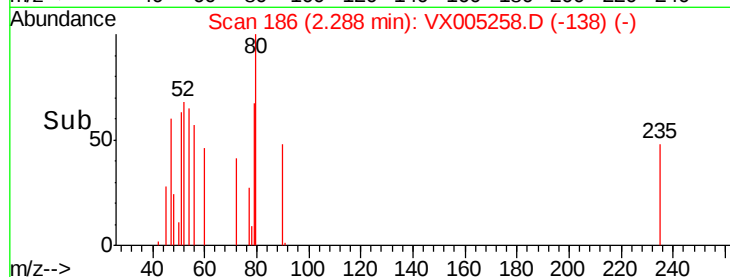
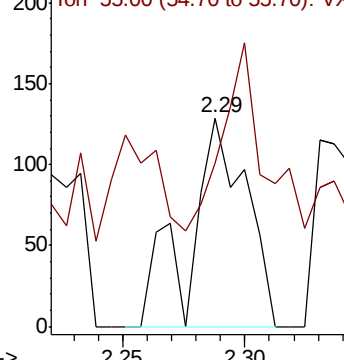
Ion Ratio Lower Upper

56 100

55 67.1 63.4 95.2



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 55.00 (54.70 to 55.70): VX0



#15

Acrylonitrile

Concen: 0.550 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX005258.D

Acq: 11 Oct 2018 17:18

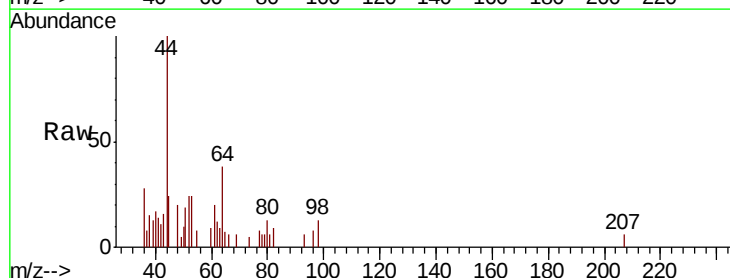
Tgt Ion: 53 Resp: 797

Ion Ratio Lower Upper

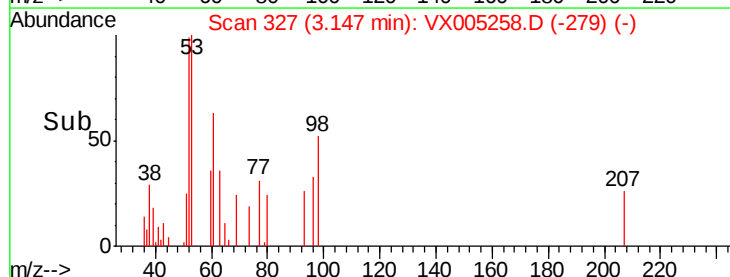
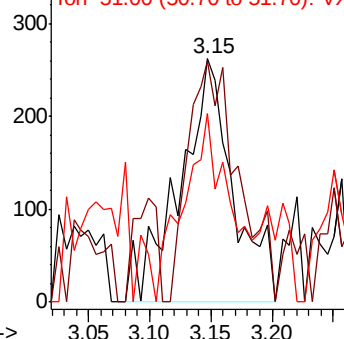
53 100

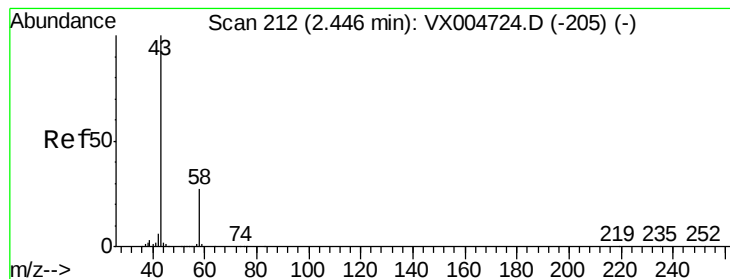
52 93.2 63.0 94.4

51 66.6 28.6 42.8#



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





#16

Acetone

Concen: 1.301 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX005258.D

Acq: 11 Oct 2018 17:18

Instrument :

MSVOA_X

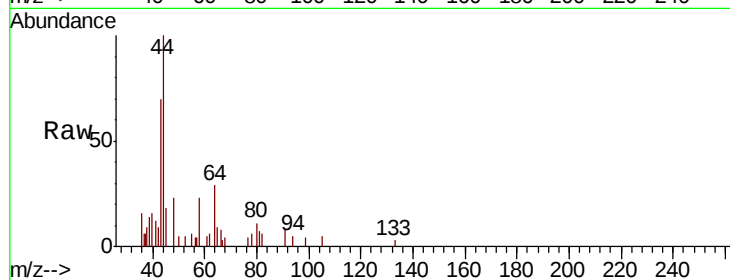
ClientSampleId :

Tot Ion: 43 Resp: 1789

Ion Ratio Lower Upper

43 100

58 37.3 21.8 32.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

1200

1000

800

600

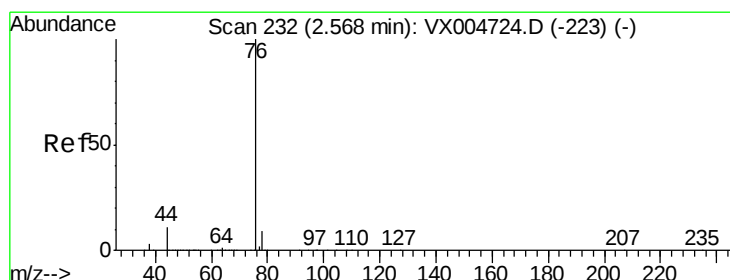
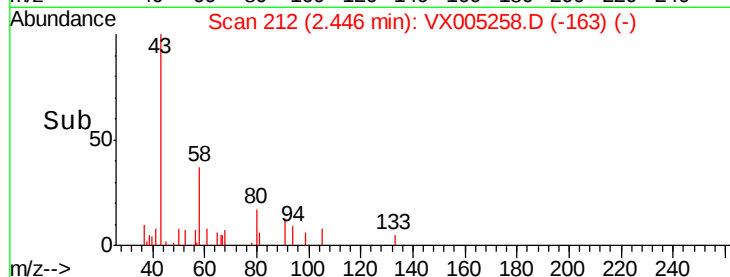
400

200

0

2.40 2.45 2.50

Time-->



#17

Carbon Disulfide

Concen: 0.317 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX005258.D

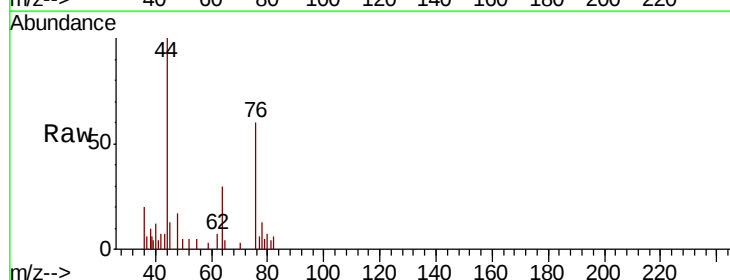
Acq: 11 Oct 2018 17:18

Tgt Ion: 76 Resp: 1703

Ion Ratio Lower Upper

76 100

78 22.2 7.0 10.6#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

1200

1000

800

600

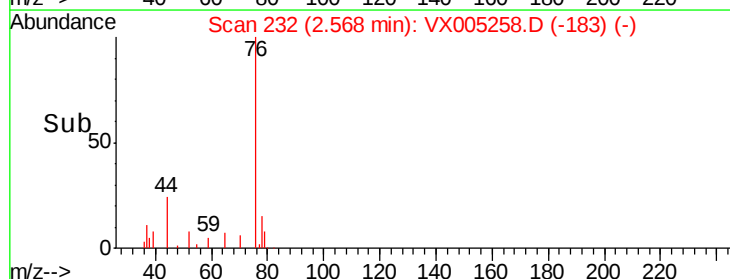
400

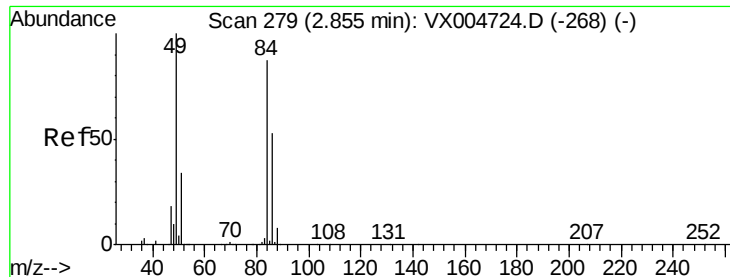
200

0

2.50 2.55 2.60

Time-->





#20

Methylene Chloride

Concen: Below Cal

RT: 2.85 min Scan# 279

Delta R.T. 0.00 min

Lab File: VX005258.D

Acq: 11 Oct 2018 17:18

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 84 Resp: 569

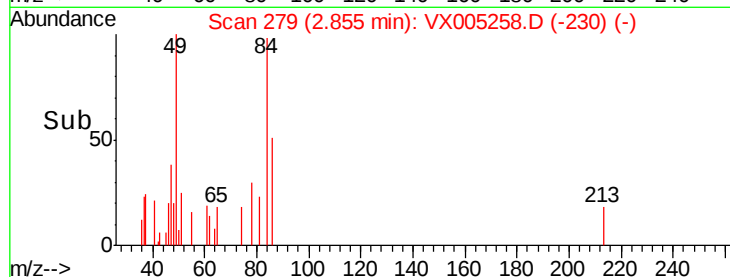
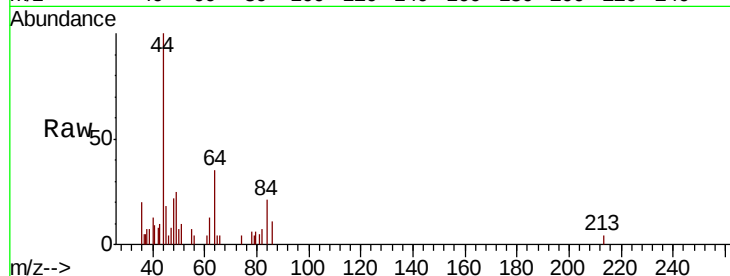
Ion Ratio Lower Upper

84 100

49 120.5 92.3 138.5

51 25.2 31.8 47.6#

86 52.2 48.5 72.7

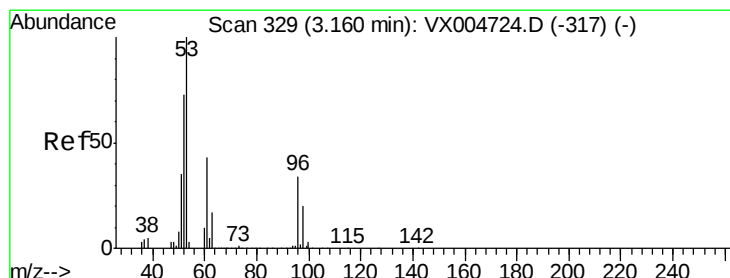
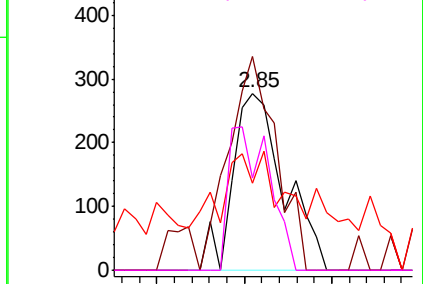


Abundance Ion 83.90 (83.60 to 84.60): VX0

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



#21

trans-1,2-Dichloroethene

Concen: 0.292 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX005258.D

Acq: 11 Oct 2018 17:18

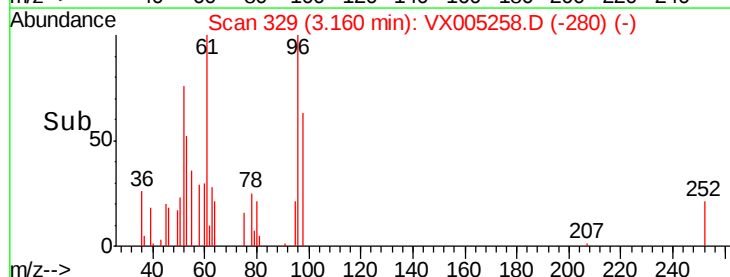
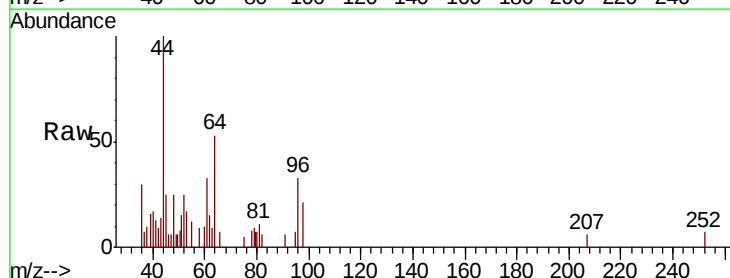
Tgt Ion: 96 Resp: 572

Ion Ratio Lower Upper

96 100

61 100.0 101.0 151.6#

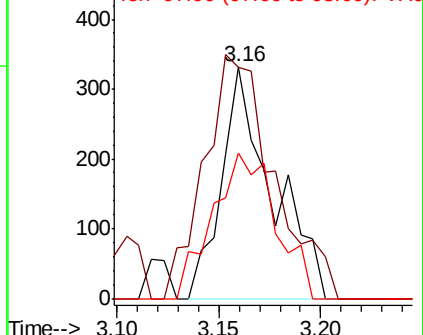
98 63.0 47.2 70.8

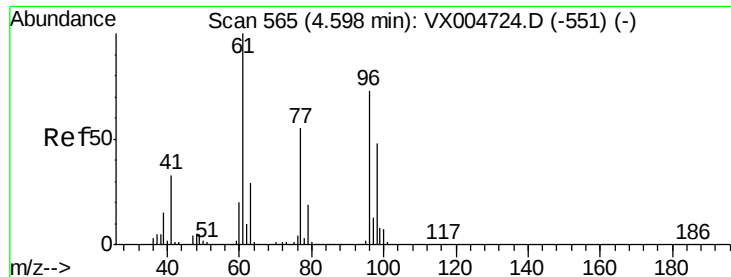


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



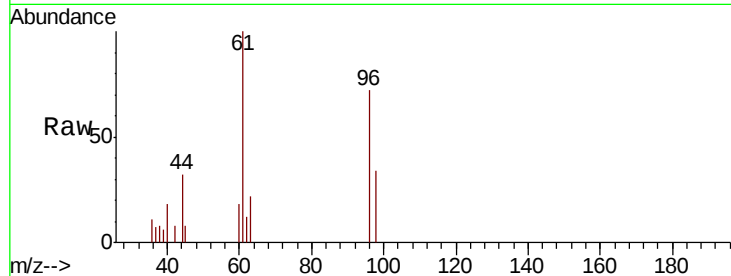


#27

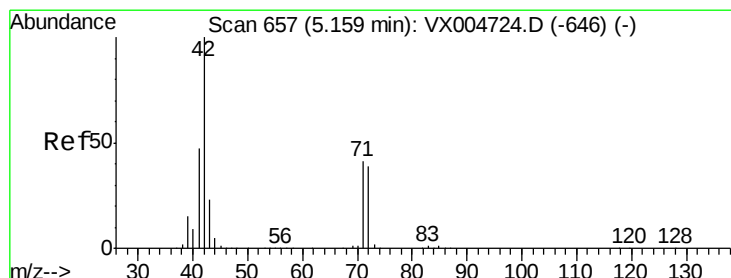
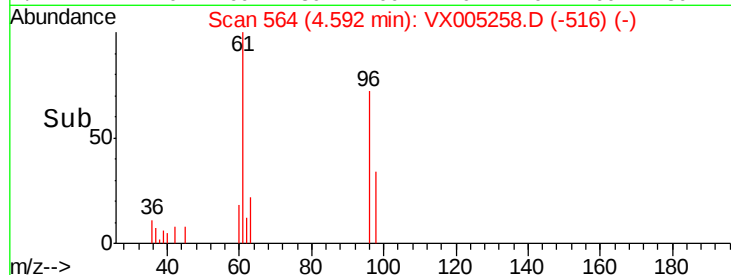
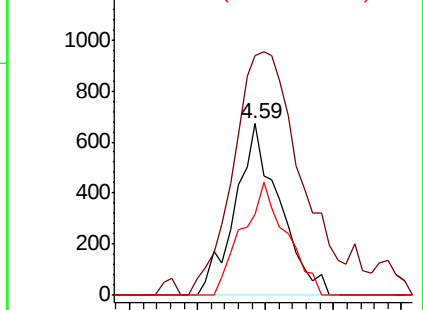
cis-1,2-Dichloroethene
 Concen: 0.700 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX005258.D
 Acq: 11 Oct 2018 17:18

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
96	100		
61	213.5	0.0	285.8
98	65.4	0.0	136.2



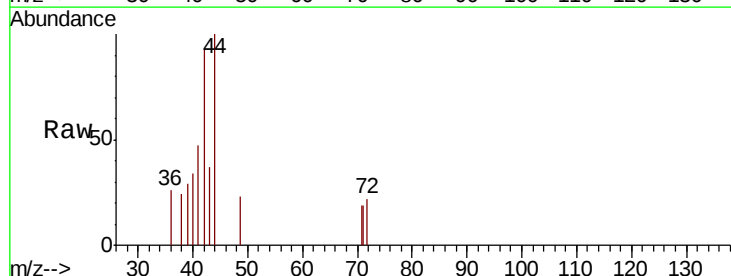
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



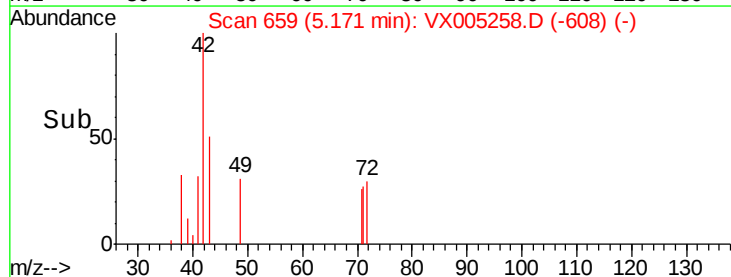
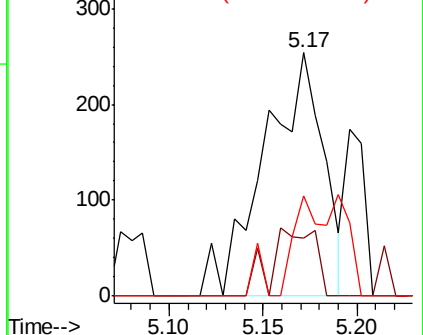
#29

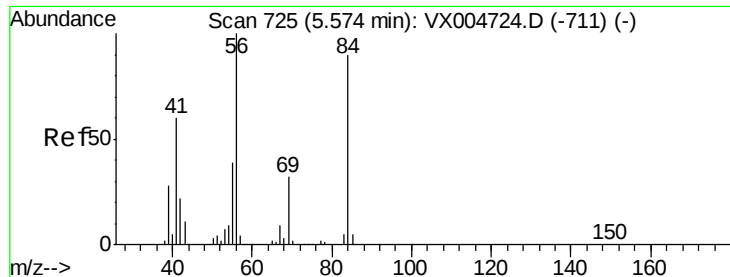
Tetrahydrofuran
 Concen: 0.441 ug/l
 RT: 5.17 min Scan# 659
 Delta R.T. 0.01 min
 Lab File: VX005258.D
 Acq: 11 Oct 2018 17:18

Tgt Ion	Ratio	Lower	Upper
42	100		
72	20.3	33.7	50.5#
71	0.0	32.2	48.4#



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





#31

Cyclohexane

Concen: 1.079 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.09 min

Lab File: VX005258.D

Acq: 11 Oct 2018 17:18

Instrument :

MSVOA_X

ClientSampleId :

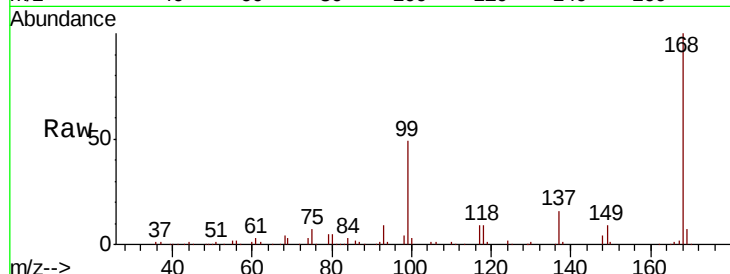
Tot Ion: 56 Resp: 3234

Ion Ratio Lower Upper

56 100

69 171.6 25.9 38.9#

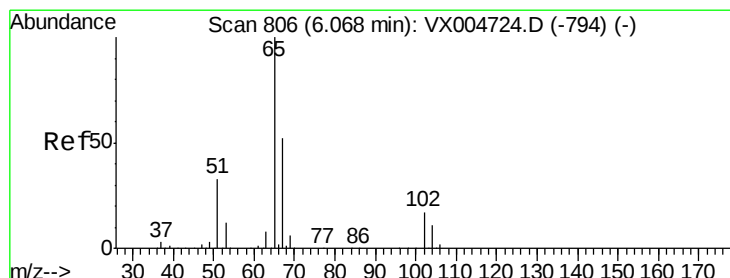
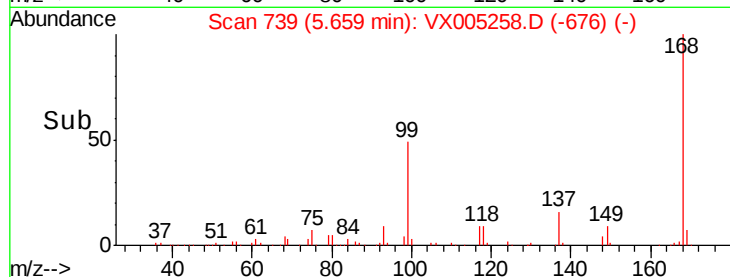
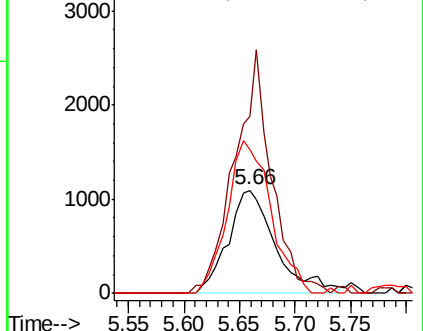
84 139.1 71.9 107.9#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 54.648 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX005258.D

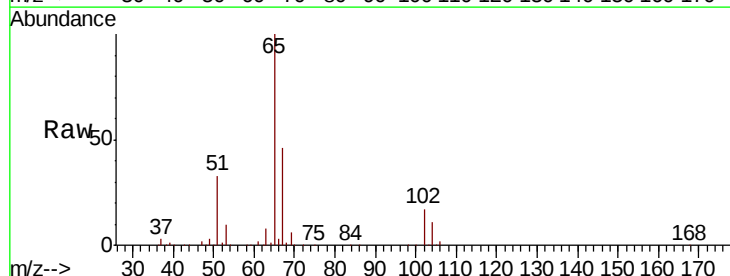
Acq: 11 Oct 2018 17:18

Tgt Ion: 65 Resp: 128744

Ion Ratio Lower Upper

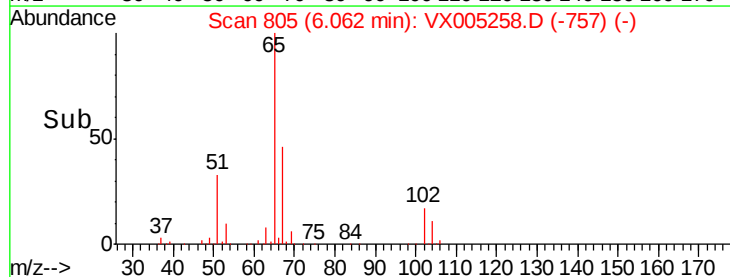
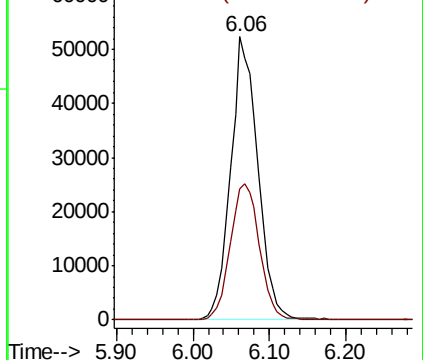
65 100

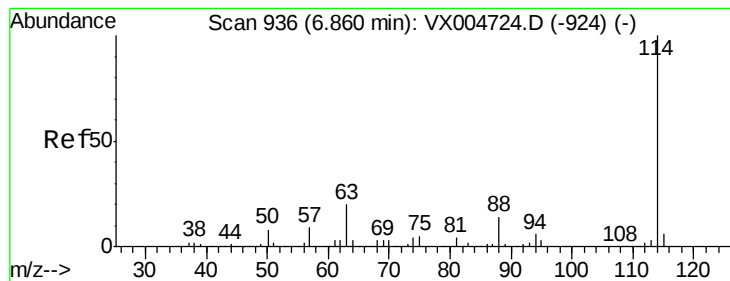
67 51.5 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX005258.D

Acq: 11 Oct 2018 17:18

Instrument :

MSVOA_X

ClientSampleId :

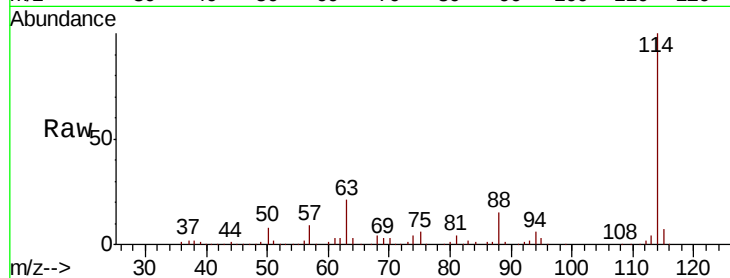
Tot Ion:114 Resp: 260494

Ion Ratio Lower Upper

114 100

63 21.2 0.0 39.8

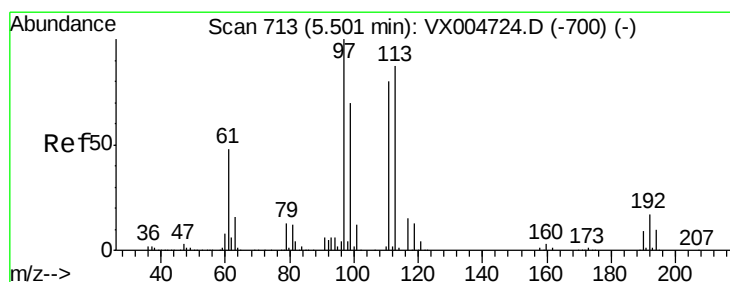
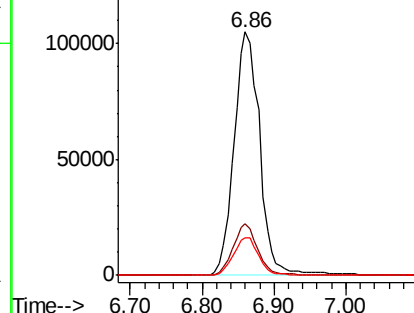
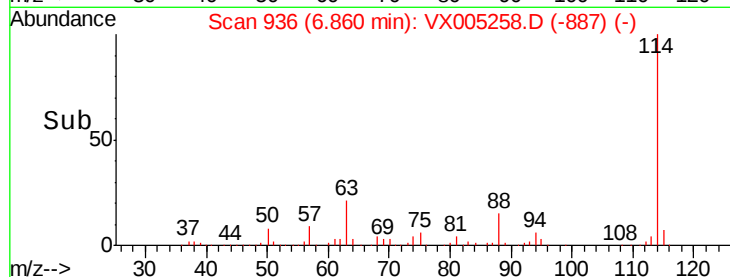
88 15.3 0.0 27.0



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



#35

Dibromofluoromethane

Concen: 49.942 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX005258.D

Acq: 11 Oct 2018 17:18

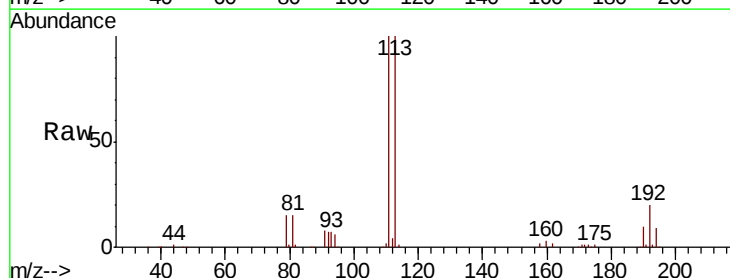
Tgt Ion:113 Resp: 110258

Ion Ratio Lower Upper

113 100

111 102.7 77.0 115.4

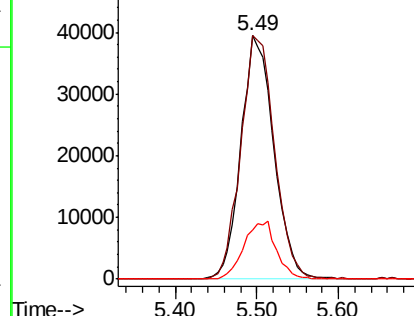
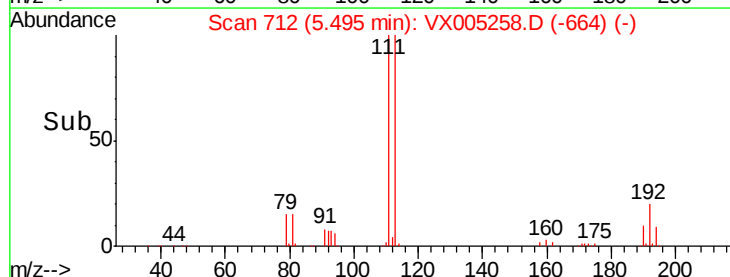
192 23.7 17.0 25.6

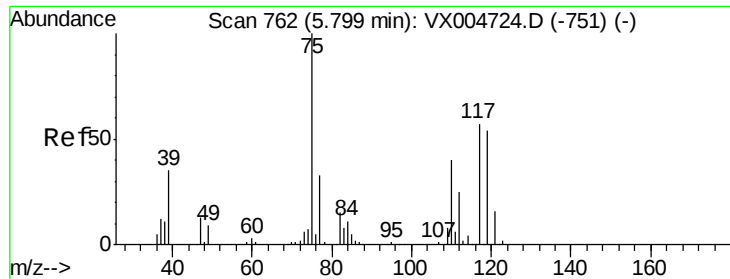


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

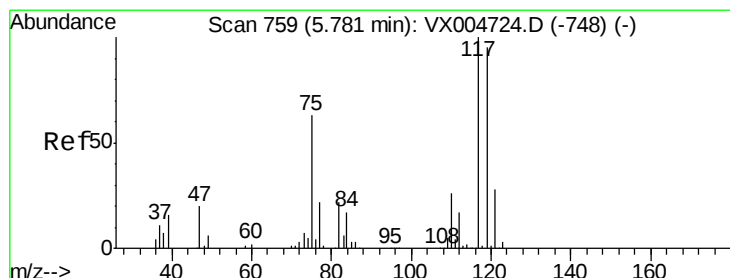
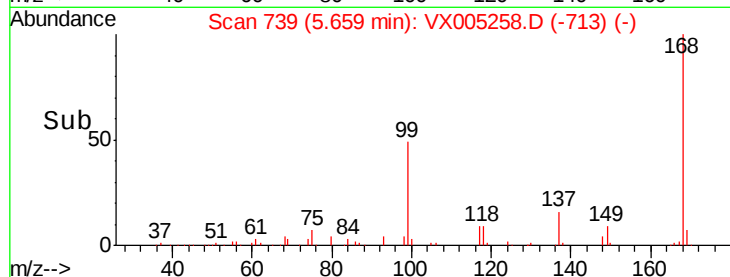
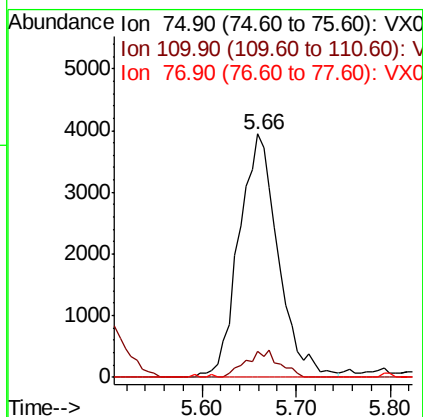
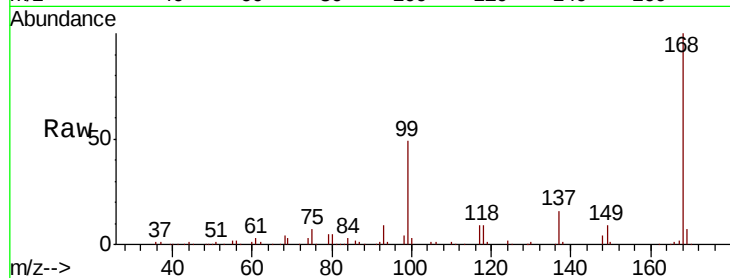




#36
 1,1-Dichloropropene
 Concen: 3.808 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX005258.D
 Acq: 11 Oct 2018 17:18

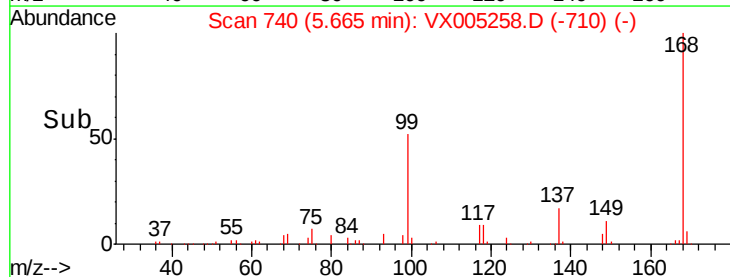
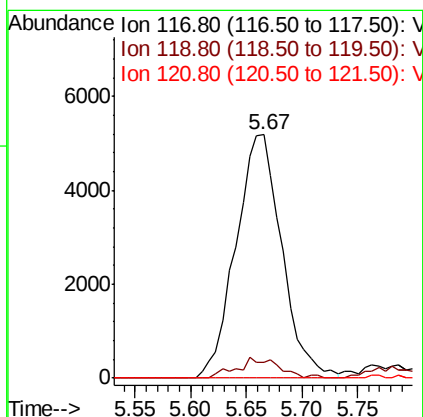
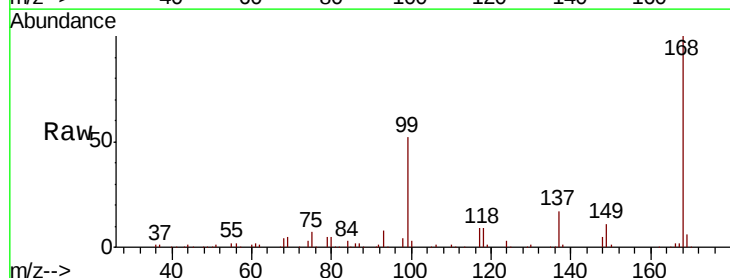
Instrument :
 MSVOA_X
 ClientSampled :

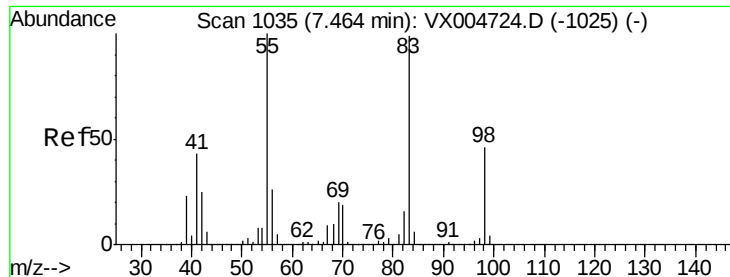
Tot Ion: 75 Resp: 11470
 Ion Ratio Lower Upper
 75 100
 110 9.3 20.0 59.9#
 77 0.0 27.1 40.7#



#38
 Carbon Tetrachloride
 Concen: 4.698 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.12 min
 Lab File: VX005258.D
 Acq: 11 Oct 2018 17:18

Tgt Ion: 117 Resp: 14876
 Ion Ratio Lower Upper
 117 100
 119 6.2 75.2 112.8#
 121 0.0 22.5 33.7#





#39

Methvlcvclohexane

Concen: 1.125 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.25 min

Lab File: VX005258.D

Acq: 11 Oct 2018 17:18

Instrument :

MSVOA_X

ClientSampled :

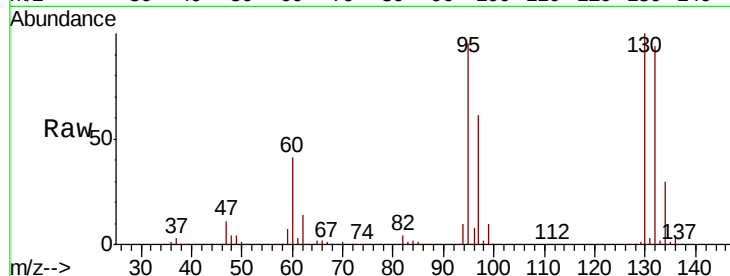
Tot Ion: 83 Resp: 3459

Ion Ratio Lower Upper

83 100

55 0.0 81.1 121.7#

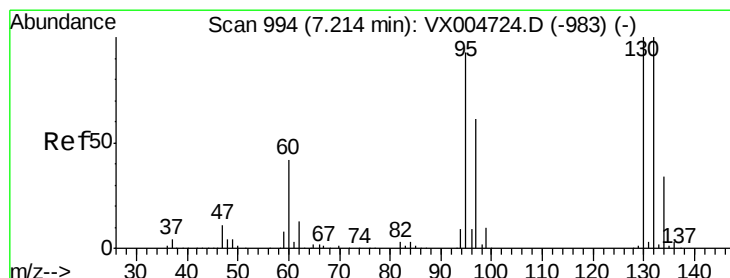
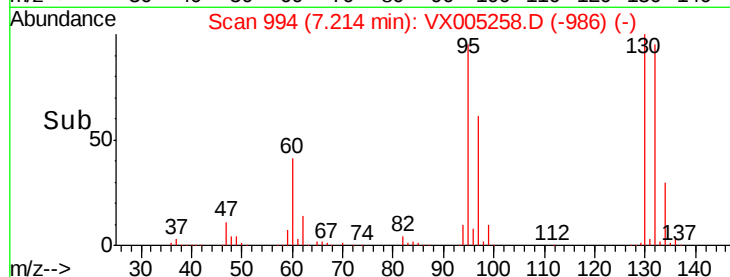
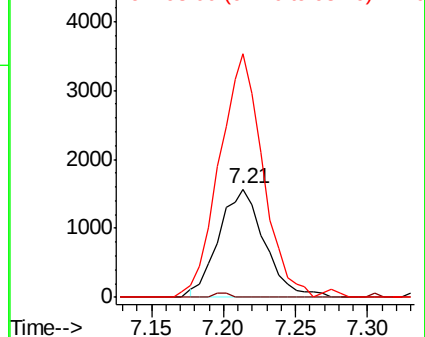
98 220.7 37.3 55.9#



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



#44

Trichloroethene

Concen: 133.099 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX005258.D

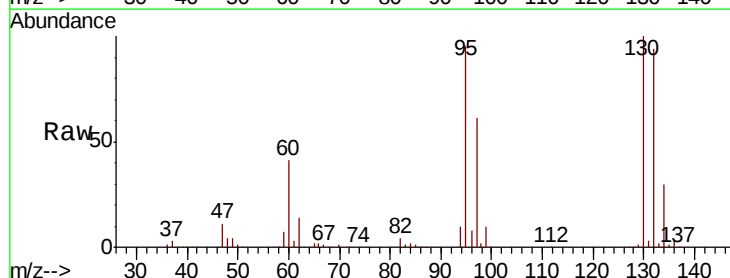
Acq: 11 Oct 2018 17:18

Tgt Ion:130 Resp: 308553

Ion Ratio Lower Upper

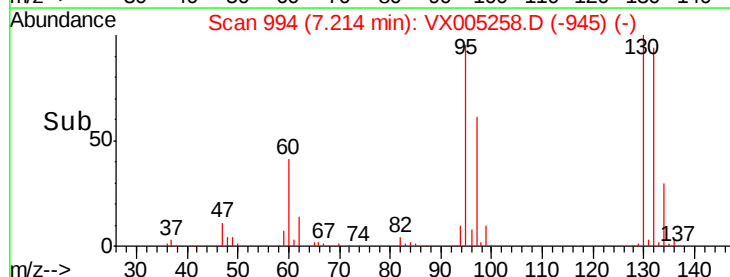
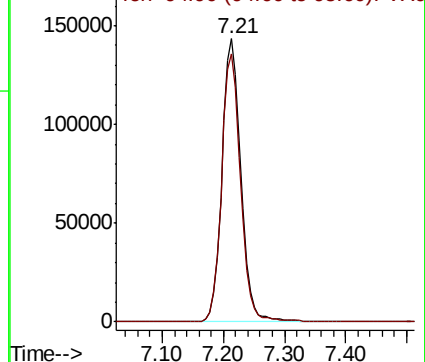
130 100

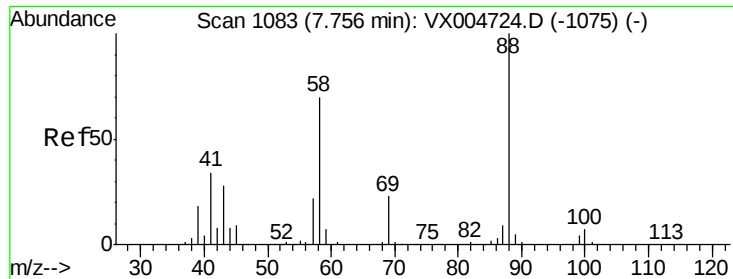
95 94.8 0.0 186.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

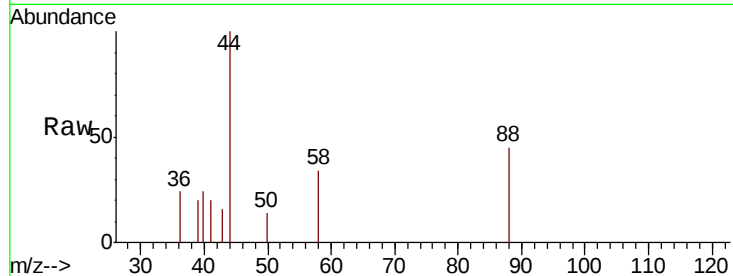




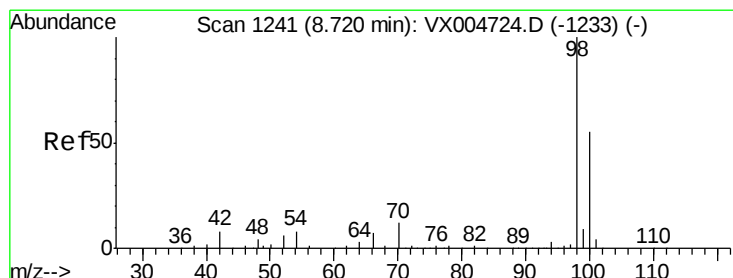
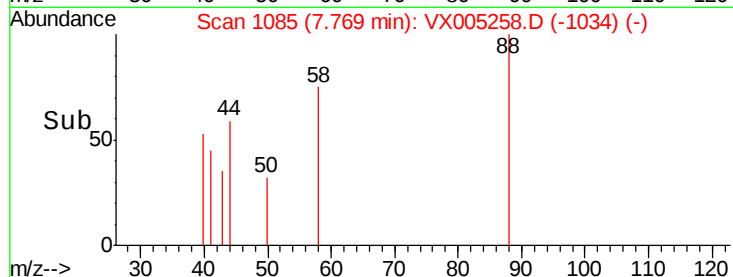
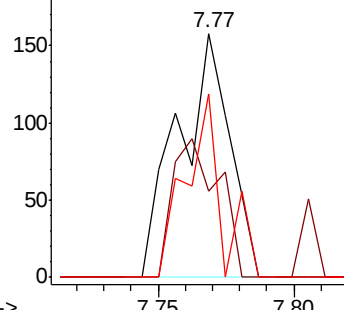
#49
1,4-Dioxane
Concen: 3.166 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. 0.01 min
Lab File: VX005258.D
Acq: 11 Oct 2018 17:18

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 88 Resp: 206
Ion Ratio Lower Upper
88 100
43 51.5 25.1 37.7#
58 52.9 56.2 84.2#

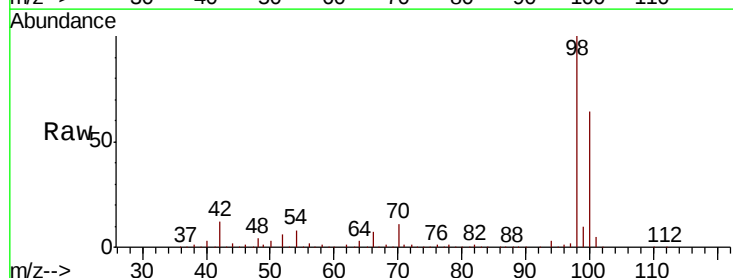


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

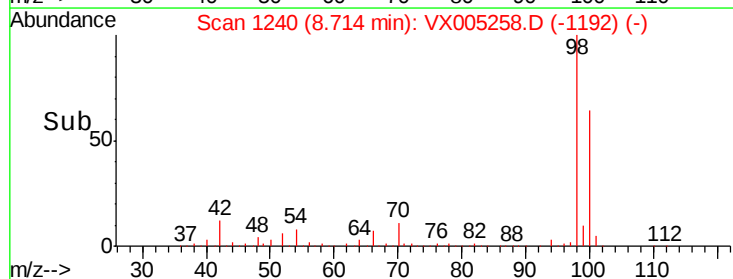
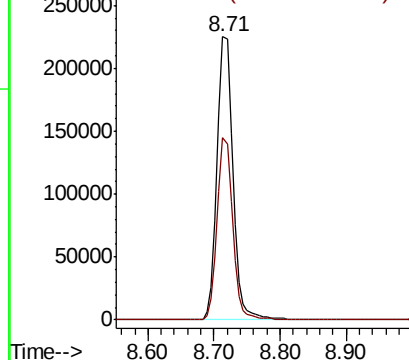


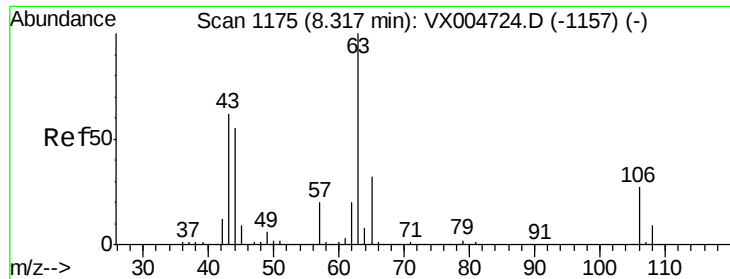
#50
Toluene-d8
Concen: 51.173 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VX005258.D
Acq: 11 Oct 2018 17:18

Tgt Ion: 98 Resp: 375586
Ion Ratio Lower Upper
98 100
100 63.1 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V

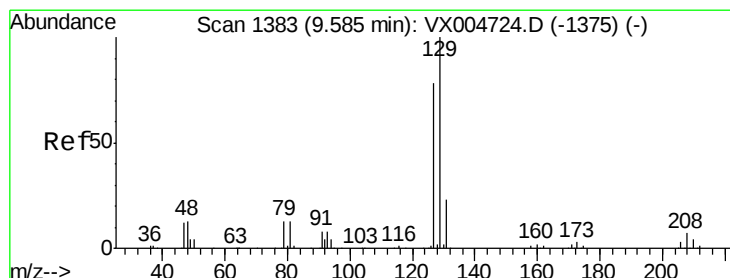
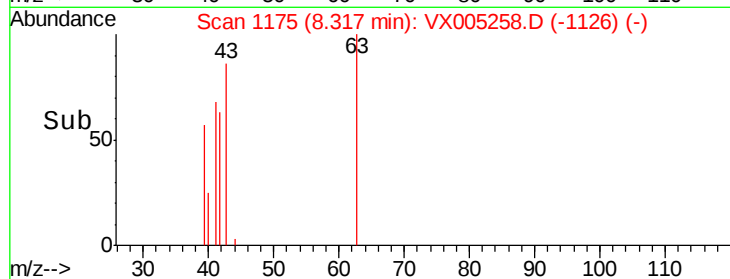
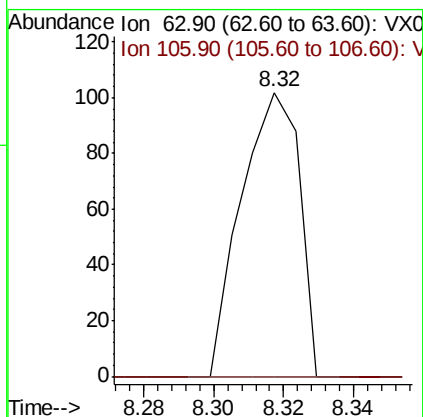
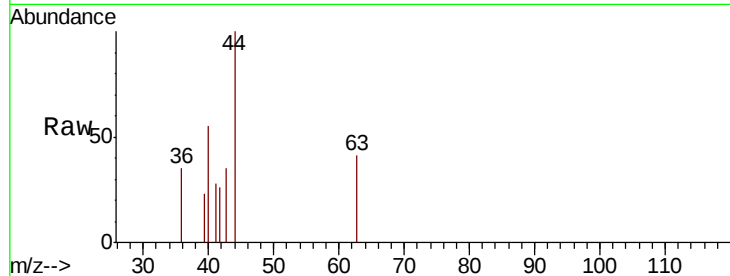




#58
2-Chloroethyl Vinyl ether
Concen: 14.299 ug/l
RT: 8.32 min Scan# 1175
Delta R.T. 0.00 min
Lab File: VX005258.D
Acq: 11 Oct 2018 17:18

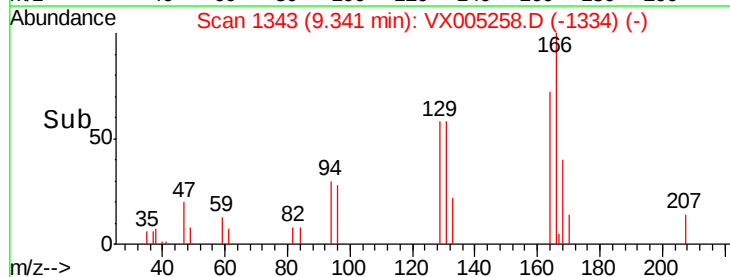
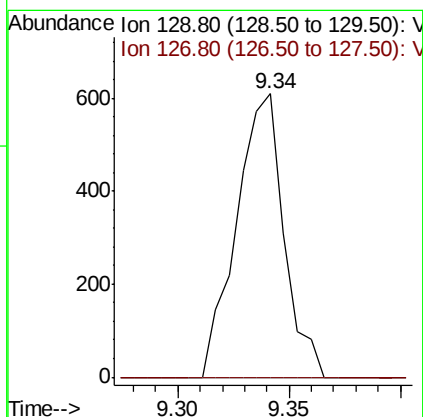
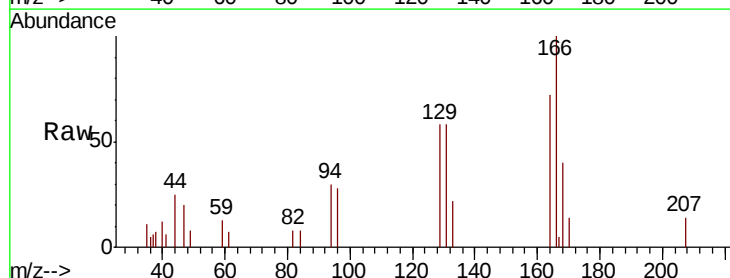
Instrument :
MSVOA_X
ClientSampleId :

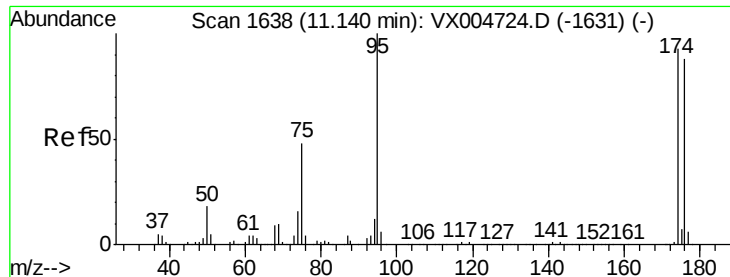
Tot Ion: 63 Resp: 117
Ion Ratio Lower Upper
63 100
106 0.0 21.0 31.6#



#60
Dibromochloromethane
Concen: 0.399 ug/l
RT: 9.34 min Scan# 1343
Delta R.T. -0.24 min
Lab File: VX005258.D
Acq: 11 Oct 2018 17:18

Tgt Ion: 129 Resp: 906
Ion Ratio Lower Upper
129 100
127 0.0 39.1 117.2#





#62

4-Bromofluorobenzene

Concen: 50.161 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX005258.D

Acq: 11 Oct 2018 17:18

Instrument :

MSVOA_X

ClientSampleId :

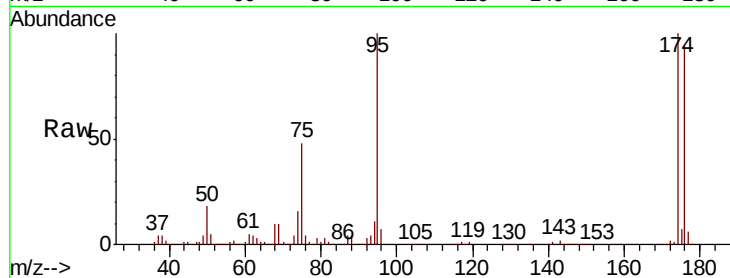
Tot Ion: 95 Resp: 132631

Ion Ratio Lower Upper

95 100

174 94.7 0.0 185.0

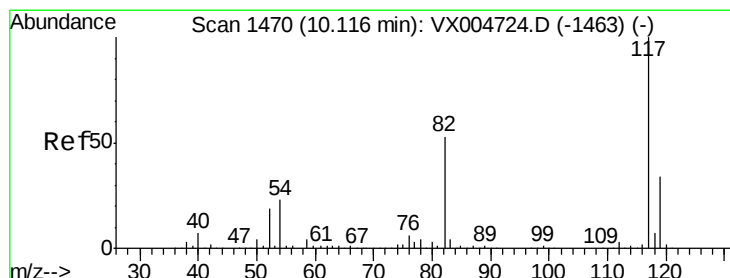
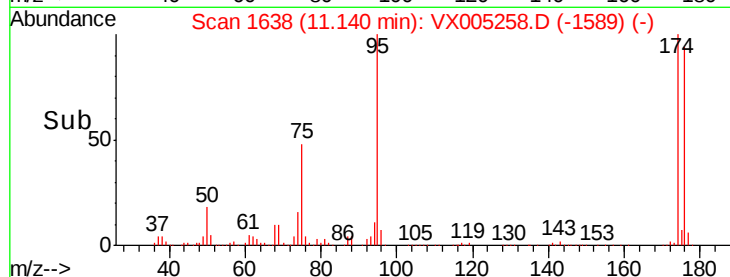
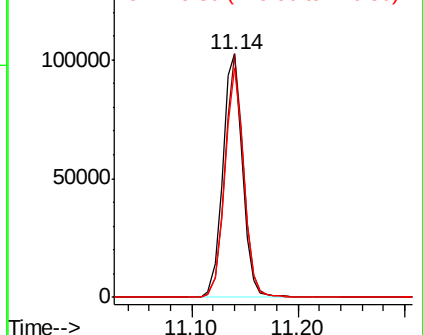
176 90.9 0.0 180.2



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: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX005258.D

Acq: 11 Oct 2018 17:18

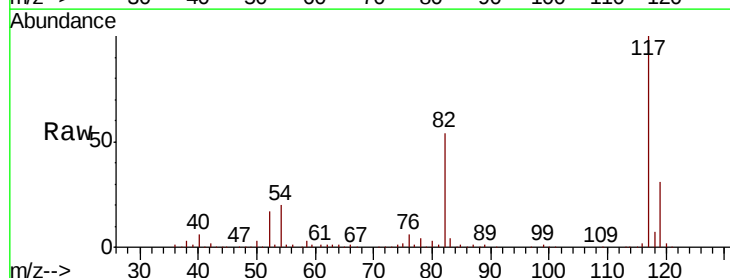
Tgt Ion: 117 Resp: 257394

Ion Ratio Lower Upper

117 100

82 53.8 42.2 63.4

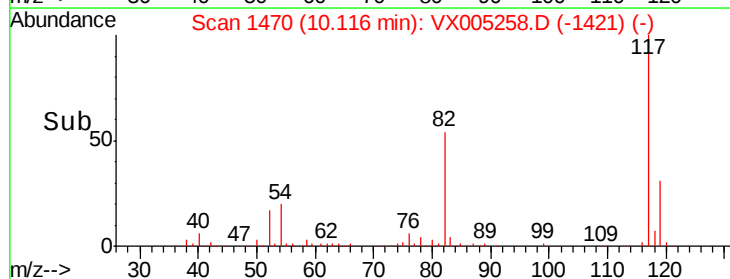
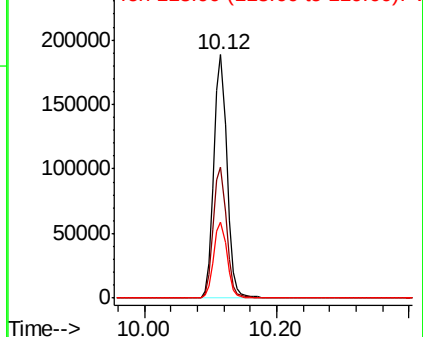
119 31.2 27.4 41.0

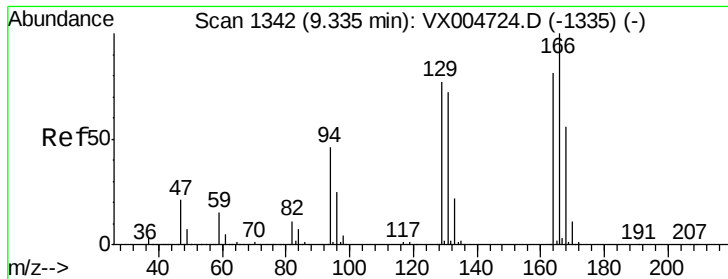


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: 0.462 ug/l

RT: 9.34 min Scan# 1342

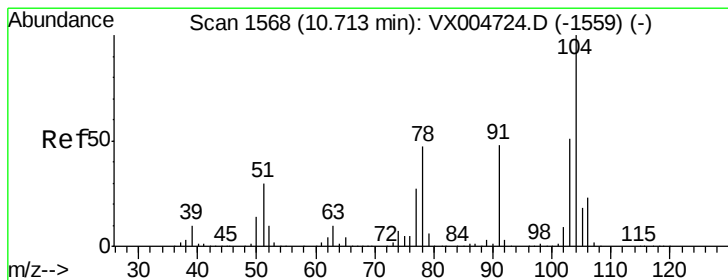
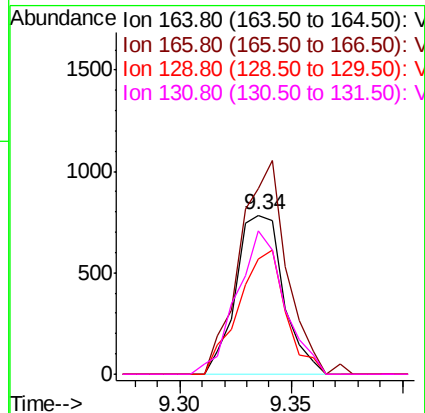
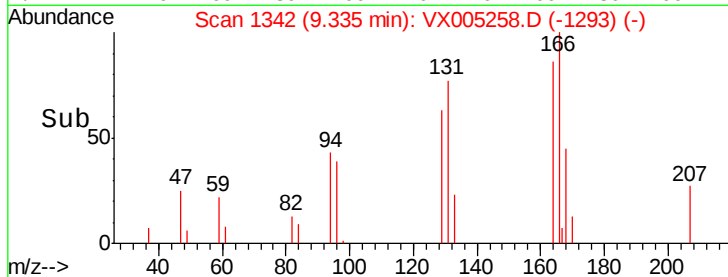
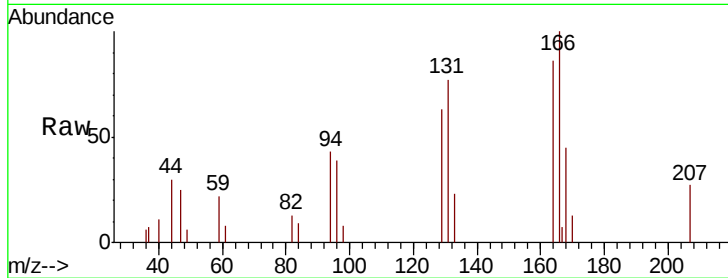
Delta R.T. 0.00 min

Lab File: VX005258.D

Acq: 11 Oct 2018 17:18

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:164	Resp:	1171
Ion	Ratio	Lower Upper
164	100	
166	116.3	98.4 147.6
129	72.7	76.1 114.1#
131	89.8	71.0 106.4



#70

Styrene

Concen: 2.168 ug/l

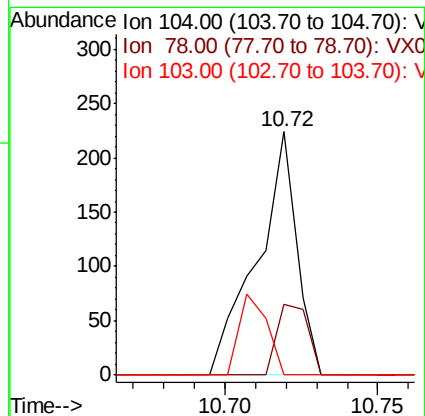
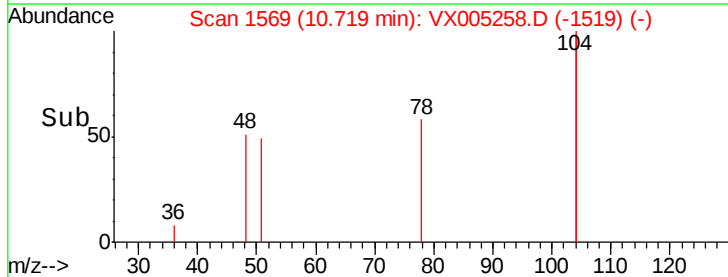
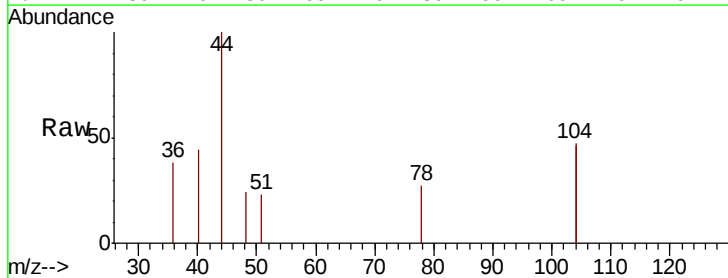
RT: 10.72 min Scan# 1569

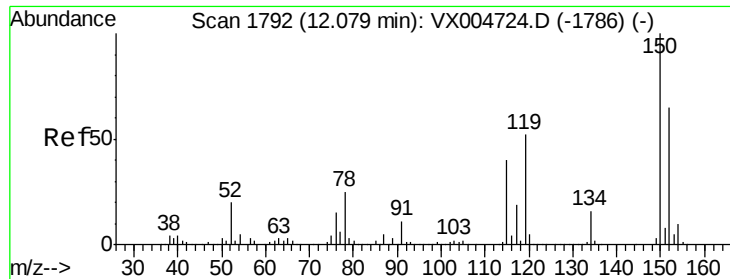
Delta R.T. 0.01 min

Lab File: VX005258.D

Acq: 11 Oct 2018 17:18

Tgt Ion:104	Resp:	202
Ion	Ratio	Lower Upper
104	100	
78	22.8	40.0 60.0#
103	22.8	44.3 66.5#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX005258.D

Acq: 11 Oct 2018 17:18

Instrument :

MSVOA_X

ClientSampled :

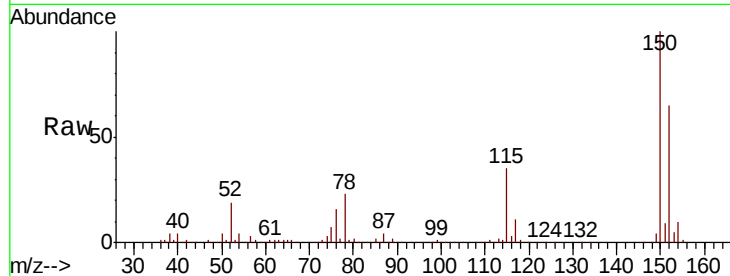
Tot Ion:152 Resp: 143035

Ion Ratio Lower Upper

152 100

115 54.9 40.2 120.6

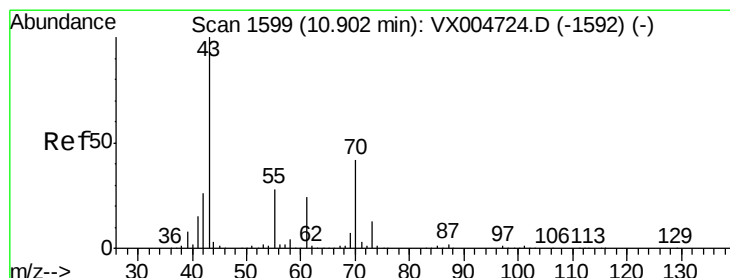
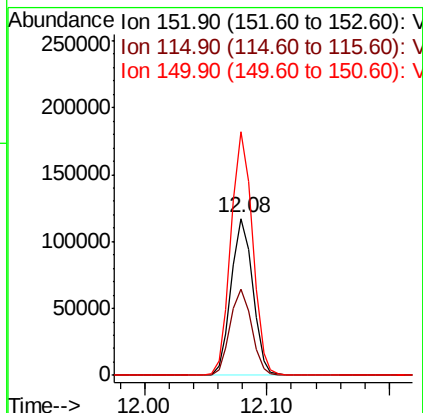
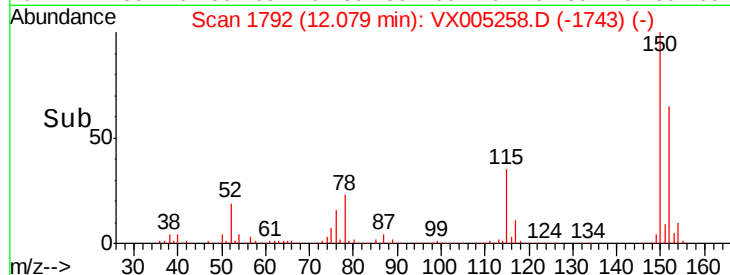
150 155.1 0.0 351.0



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



#74

N-ethyl acetate

Concen: 1.779 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.00 min

Lab File: VX005258.D

Acq: 11 Oct 2018 17:18

Tgt Ion: 43 Resp: 161

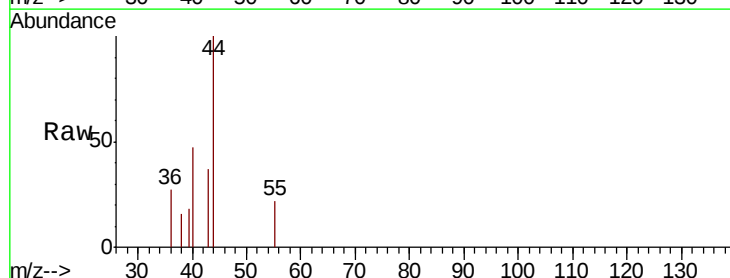
Ion Ratio Lower Upper

43 100

70 0.0 32.6 48.8#

55 45.3 21.6 32.4#

61 0.0 19.1 28.7#

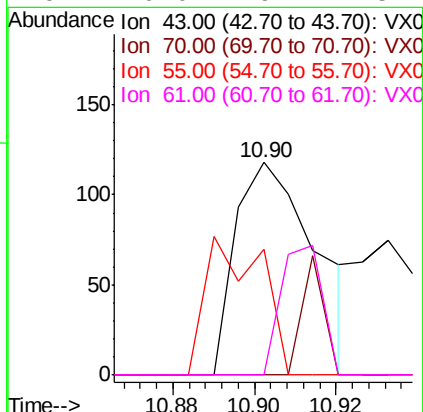
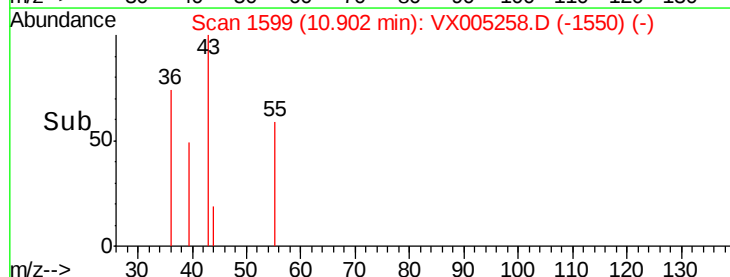


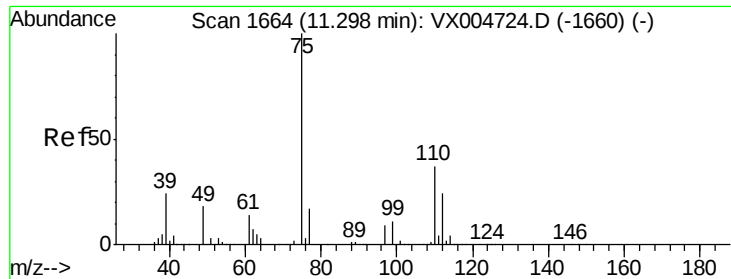
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#76

1,2,3-Trichloropropane

Concen: 20.455 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX005258.D

Acq: 11 Oct 2018 17:18

Instrument :

MSVOA_X

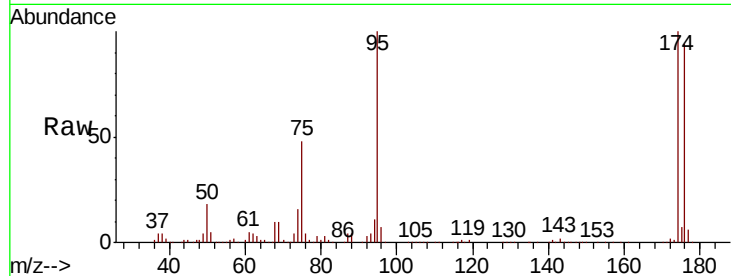
ClientSampled :

Tot Ion: 75 Resp: 65578

Ion Ratio Lower Upper

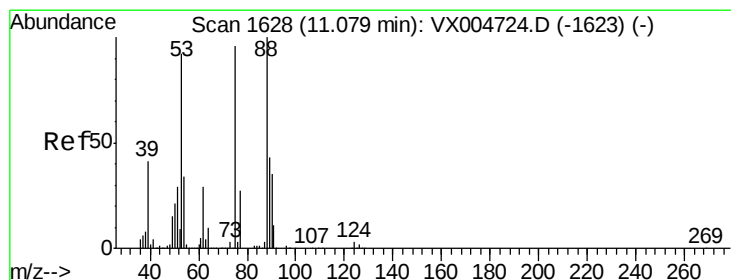
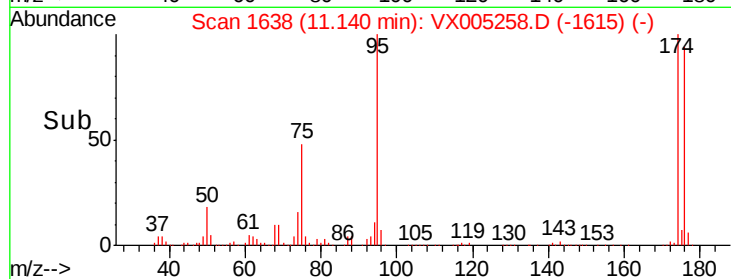
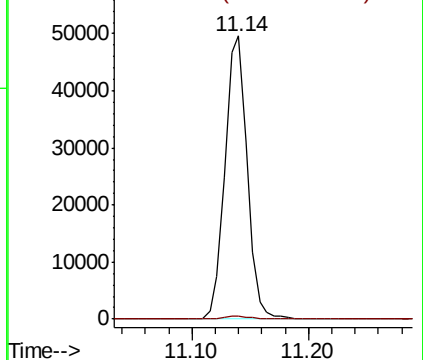
75 100

77 1.3 21.4 64.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#81

trans-1,4-Dichloro-2-butene

Concen: 55.559 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.06 min

Lab File: VX005258.D

Acq: 11 Oct 2018 17:18

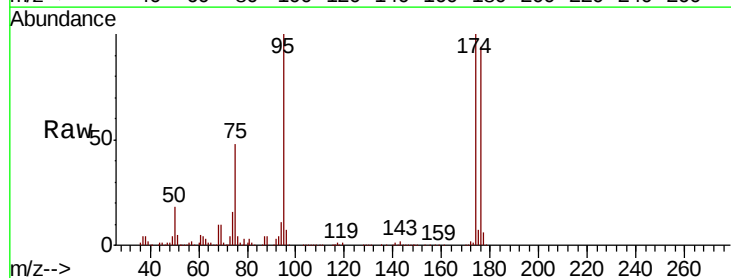
Tgt Ion: 75 Resp: 65578

Ion Ratio Lower Upper

75 100

53 0.4 80.2 120.4#

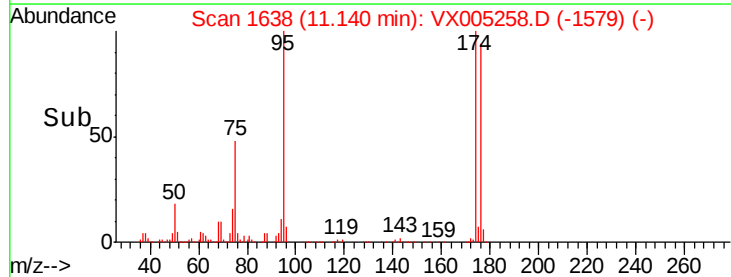
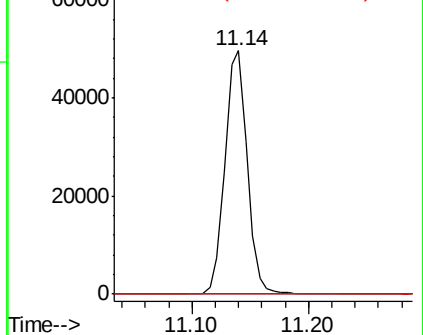
89 0.0 37.1 55.7#

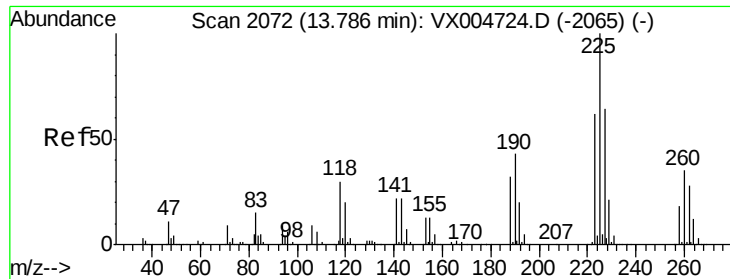


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0





#94

Hexachlorobutadiene

Concen: 0.226 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. -0.01 min

Lab File: VX005258.D

Acq: 11 Oct 2018 17:18

Instrument :

MSVOA_X

ClientSampleId :

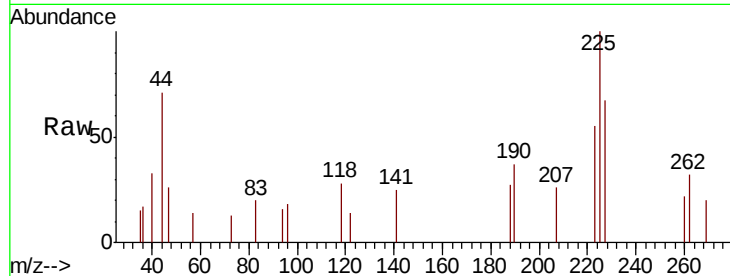
Tot Ion:225 Resp: 421

Ion Ratio Lower Upper

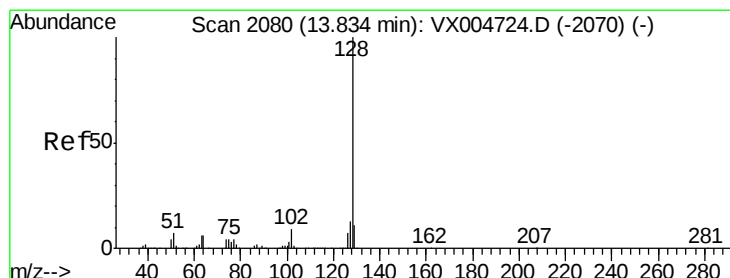
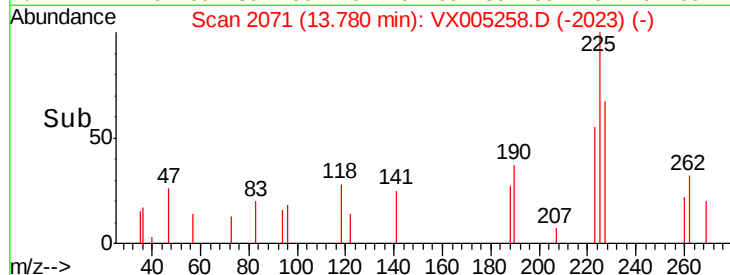
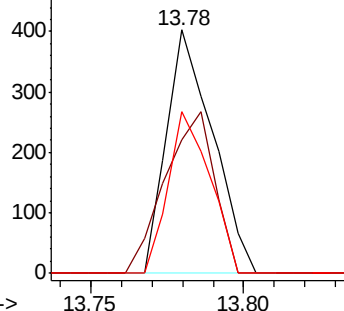
225 100

223 71.3 31.3 93.8

227 59.9 31.9 95.5



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 0.793 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX005258.D

Acq: 11 Oct 2018 17:18

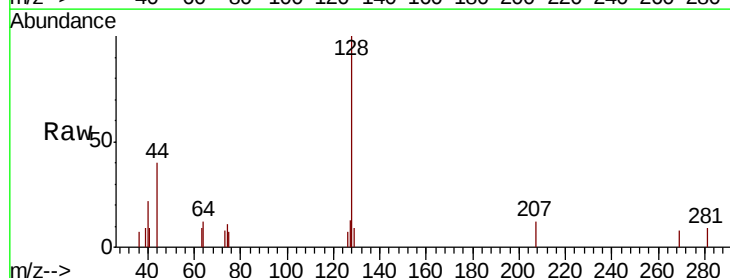
Tgt Ion:128 Resp: 890

Ion Ratio Lower Upper

128 100

127 16.6 10.4 15.6#

129 15.7 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

