

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092718\
 Data File : VX004779.D
 Acq On : 27 Sep 2018 17:30
 Operator : JC/MD
 Sample : J5048-02 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-56-SEP18

Quant Time: Sep 28 05:51:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	247367	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	400983	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	387217	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	210742	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	187780	53.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.28%	
35) Dibromofluoromethane	5.50	113	159452	46.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.84%	
50) Toluene-d8	8.71	98	581554	51.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.94%	
62) 4-Bromofluorobenzene	11.14	95	206131	50.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.28%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.40	62	1338	0.349	ug/l #	73
5) Bromomethane	1.65	94	556	0.244	ug/l	88
6) Chloroethane	1.69	64	736	Below Cal		96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	22686	8.382	ug/l	98
11) Tert butyl alcohol	3.02	59	9441	9.555	ug/l #	80
12) 1,1-Dichloroethene	2.37	96	34401	12.835	ug/l	96
16) Acetone	2.45	43	30405	14.738	ug/l	95
20) Methylene Chloride	2.85	84	1109	Below Cal	#	84
21) trans-1,2-Dichloroethene	3.16	96	929	0.317	ug/l	95
24) 1,1-Dichloroethane	3.70	63	74128	12.619	ug/l	98
25) 2-Butanone	4.71	43	1051	0.346	ug/l #	47
27) cis-1,2-Dichloroethene	4.60	96	342092	104.368	ug/l	94
29) Tetrahydrofuran	5.17	42	1043	0.552	ug/l #	80
31) Cyclohexane	5.66	56	4465	0.993	ug/l #	1
32) 1,1,1-Trichloroethane	5.49	97	1309	0.289	ug/l #	38
36) 1,1-Dichloropropene	5.66	75	17240	3.718	ug/l #	50
38) Carbon Tetrachloride	5.67	117	22379	4.592	ug/l #	15
39) Methylcyclohexane	7.22	83	1857	0.392	ug/l #	1
44) Trichloroethene	7.21	130	150935	42.297	ug/l	93
49) 1,4-Dioxane	7.76	88	742	7.407	ug/l #	73
51) 4-Methyl-2-Pentanone	8.65	43	1650	0.295	ug/l	91
56) Ethyl methacrylate	9.17	69	19	2.865	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.15	63	19	14.248	ug/l #	45
60) Dibromochloromethane	9.34	129	35671	10.209	ug/l #	11
64) Tetrachloroethene	9.34	164	39603	10.392	ug/l	97
70) Styrene	10.76	104	24	2.143	ug/l #	27
74) N-amyl acetate	10.91	43	93	1.760	ug/l #	42
76) 1,2,3-Trichloropropane	11.14	75	101511	21.491	ug/l #	37
80) 1,3,5-Trimethylbenzene	11.51	105	147	Below Cal		91
81) trans-1,4-Dichloro-2-buten	11.14	75	101511	58.271	ug/l #	10
84) 1,2,4-Trimethylbenzene	11.80	105	143	Below Cal	#	49
95) Naphthalene	13.84	128	289	0.736	ug/l #	70

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Quant Title : SW846 8260
QLast Update : Wed Sep 26 14:17:02 2018
Response via : Initial Calibration

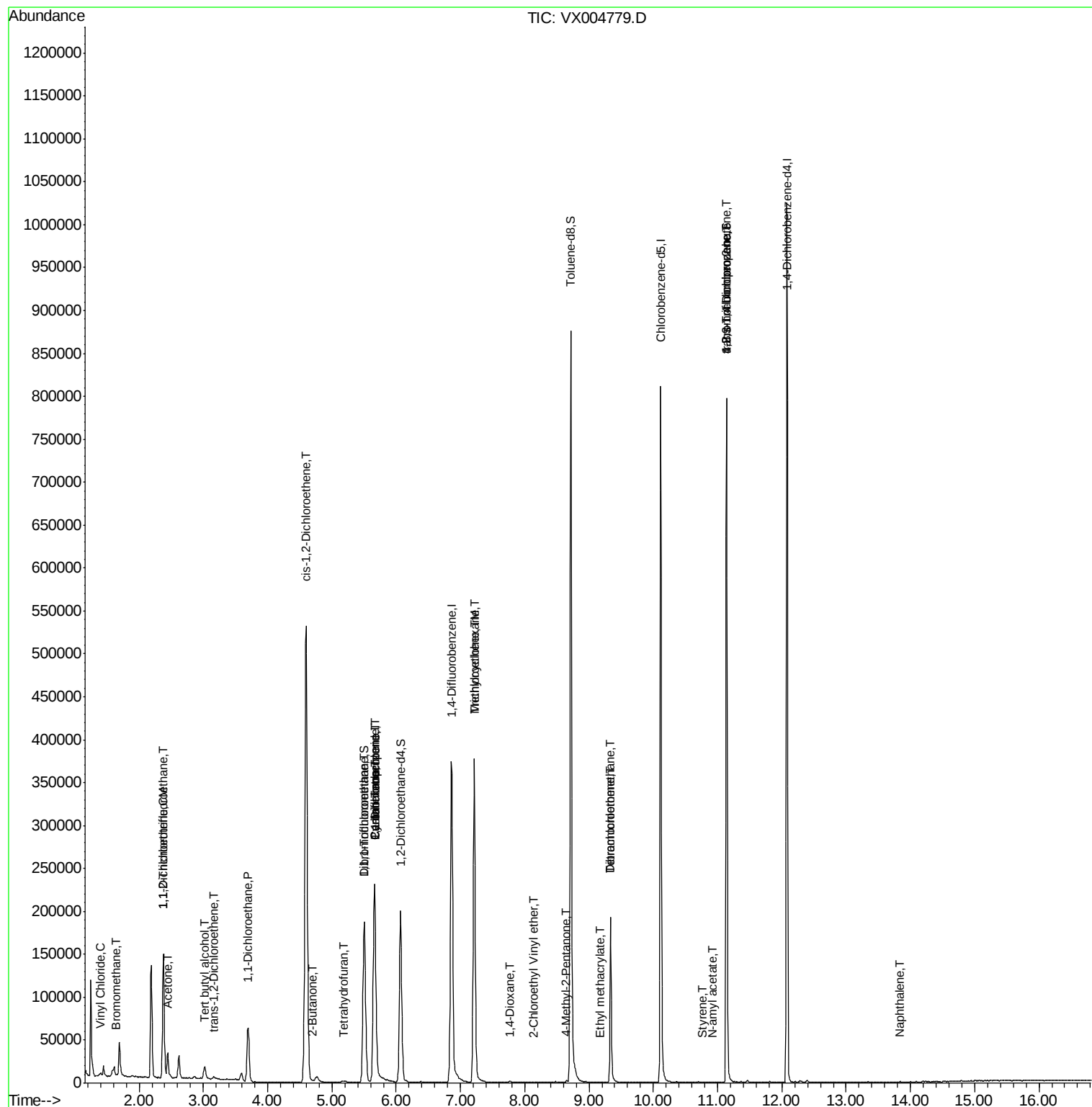
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

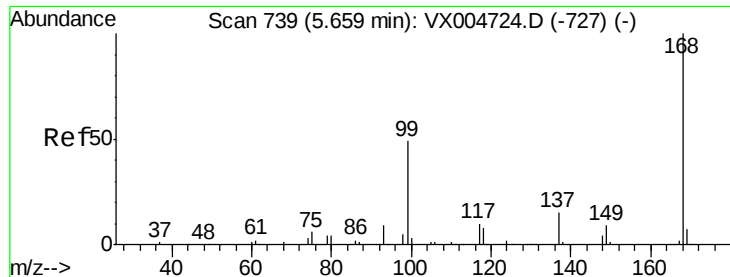
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX004779.D

Acq: 27 Sep 2018 17:30

Instrument :

MSVOA_X

ClientSampleId :

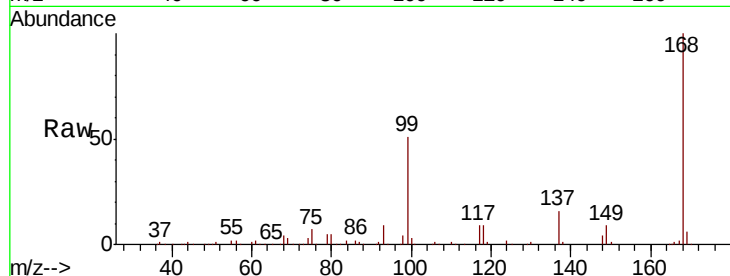
MW-56-SEP18

Tot Ion:168 Resp: 247367

Ion Ratio Lower Upper

168 100

99 51.2 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

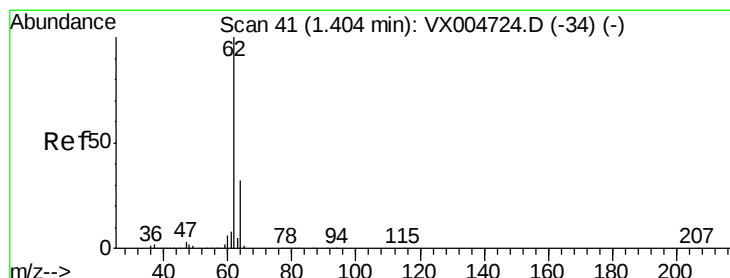
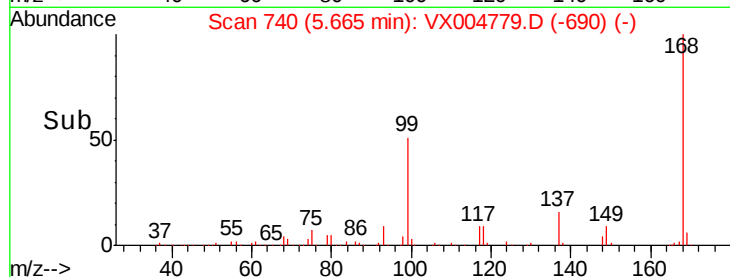
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 0.349 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX004779.D

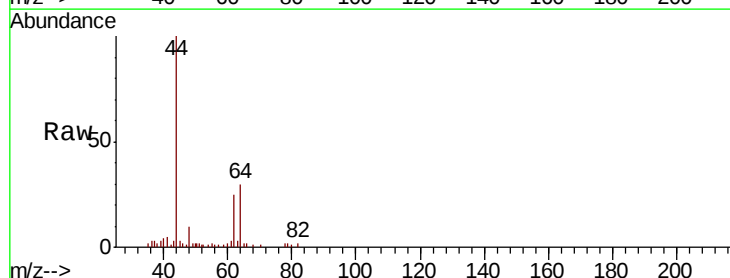
Acq: 27 Sep 2018 17:30

Tgt Ion: 62 Resp: 1338

Ion Ratio Lower Upper

62 100

64 47.6 25.8 38.8#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

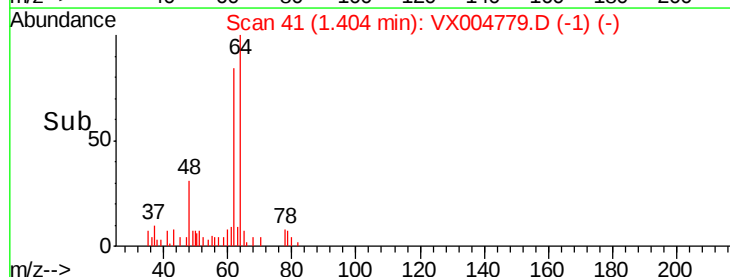
1500

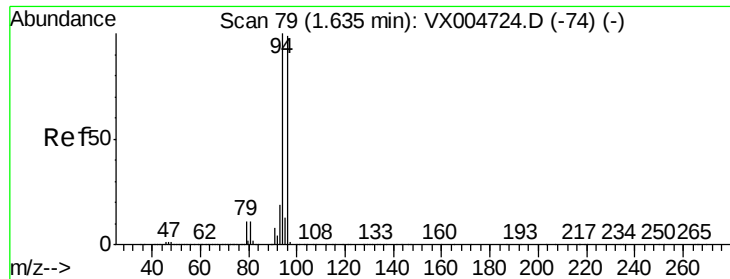
1000

500

0

Time--> 1.35 1.40 1.45





#5

Bromomethane

Concen: 0.244 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX004779.D

Acq: 27 Sep 2018 17:30

Instrument :

MSVOA_X

ClientSampled :

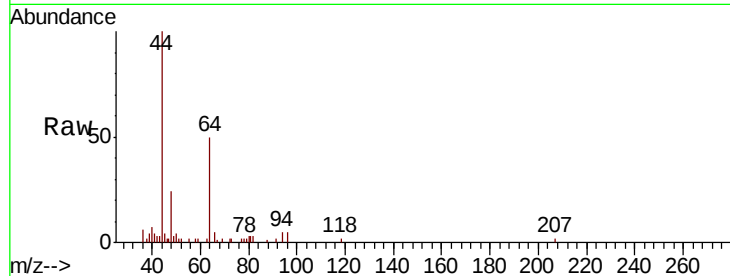
MW-56-SEP18

Tot Ion: 94 Resp: 556

Ion Ratio Lower Upper

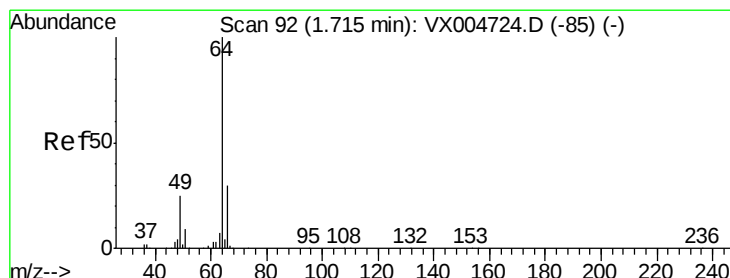
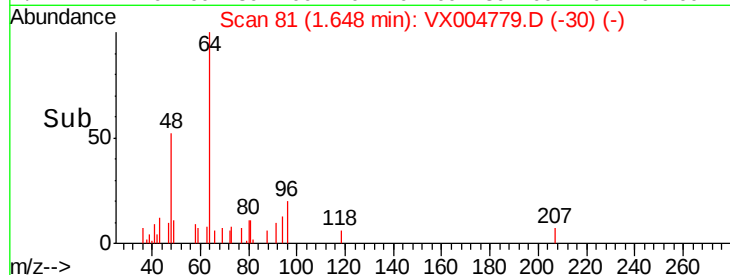
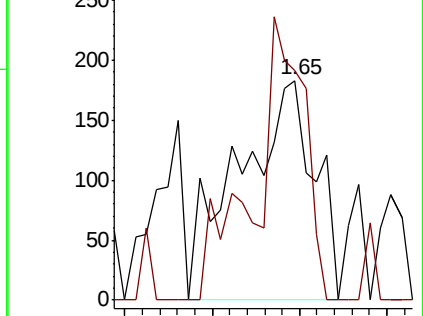
94 100

96 104.4 74.5 111.7



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: 1.69 min Scan# 88

Delta R.T. -0.02 min

Lab File: VX004779.D

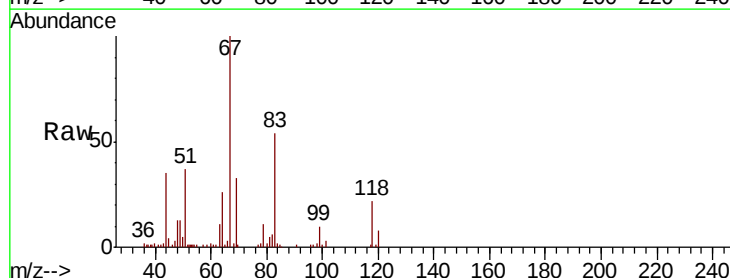
Acq: 27 Sep 2018 17:30

Tgt Ion: 64 Resp: 736

Ion Ratio Lower Upper

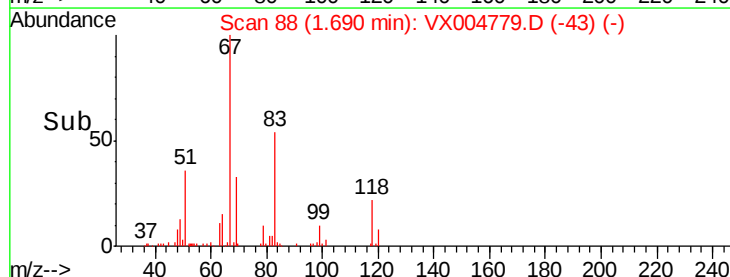
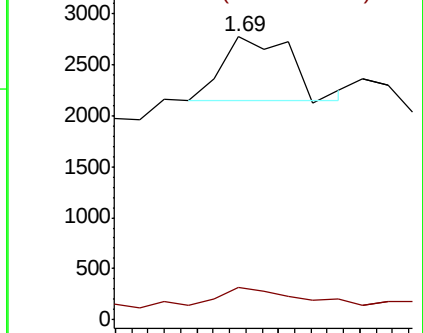
64 100

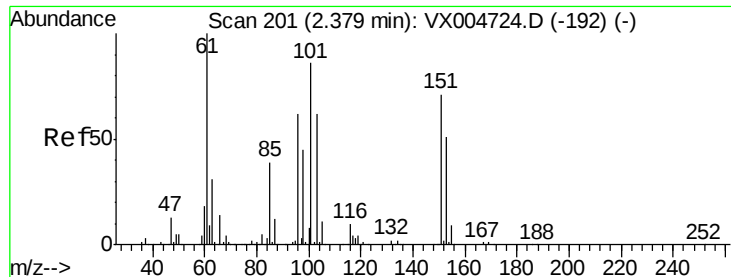
66 28.5 24.6 36.8



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: 8.382 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX004779.D

Acq: 27 Sep 2018 17:30

Instrument :

MSVOA_X

ClientSampleId :

MW-56-SEP18

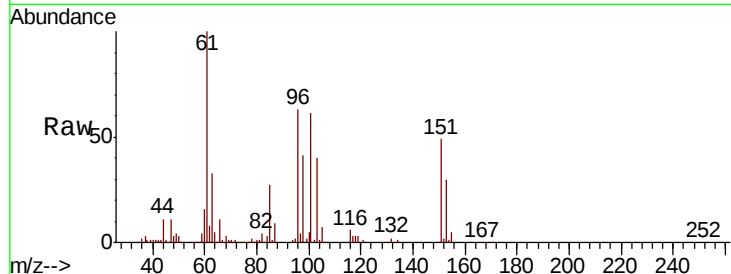
Tot Ion:101 Resp: 22686

Ion Ratio Lower Upper

101 100

85 45.2 34.2 51.4

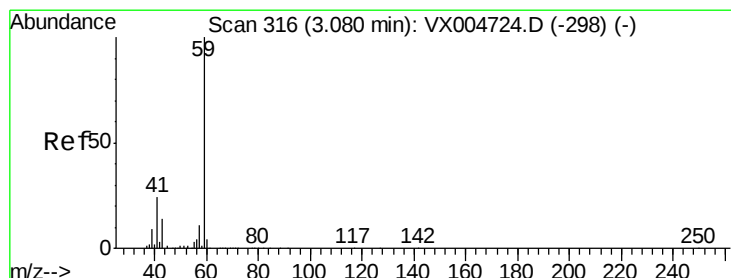
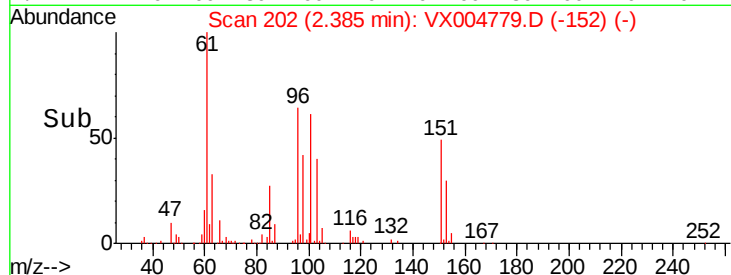
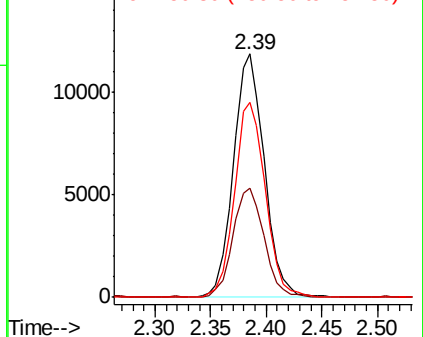
151 80.0 65.0 97.6



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



#11

Tert butyl alcohol

Concen: 9.555 ug/l

RT: 3.02 min Scan# 306

Delta R.T. -0.06 min

Lab File: VX004779.D

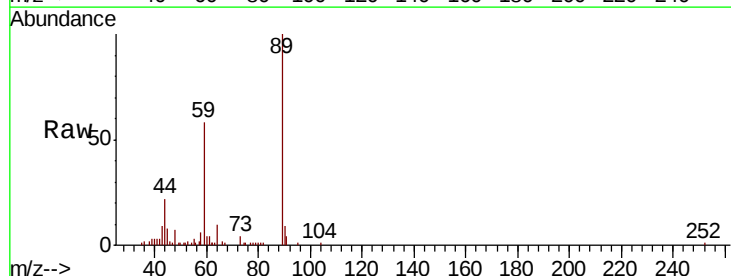
Acq: 27 Sep 2018 17:30

Tgt Ion: 59 Resp: 9441

Ion Ratio Lower Upper

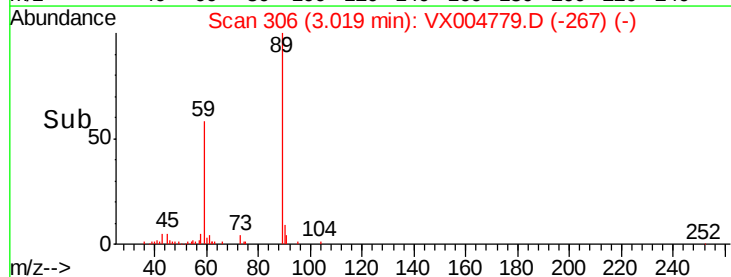
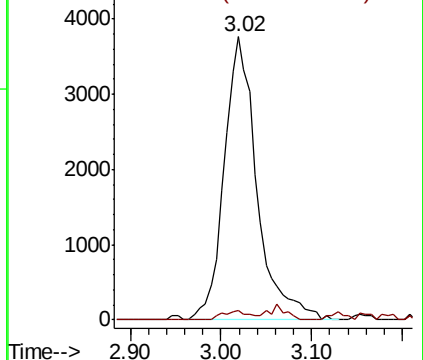
59 100

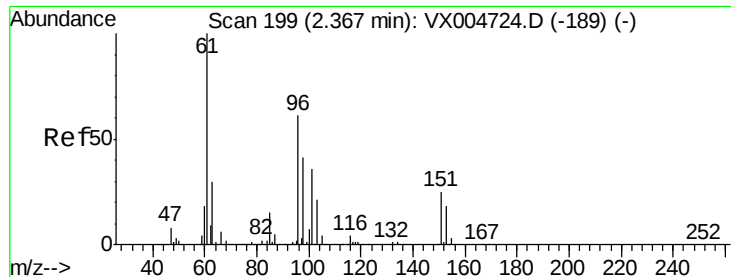
57 2.7 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#12

1,1-Dichloroethene

Concen: 12.835 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.01 min

Lab File: VX004779.D

Acq: 27 Sep 2018 17:30

Instrument :

MSVOA_X

ClientSampleId :

MW-56-SEP18

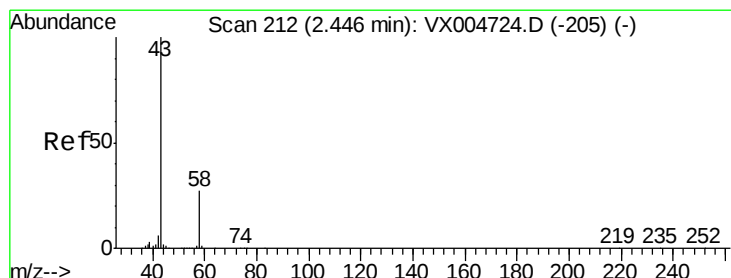
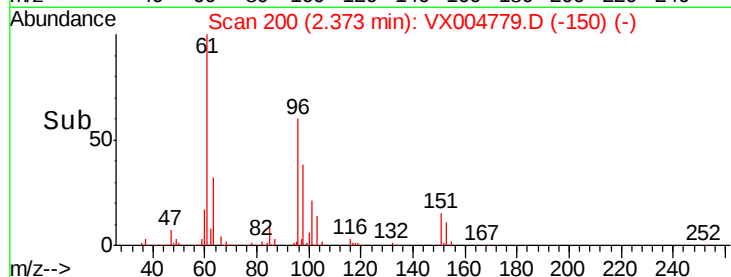
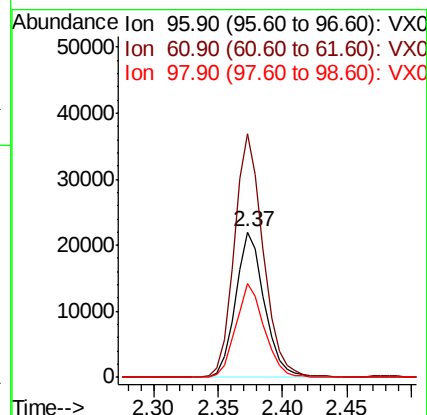
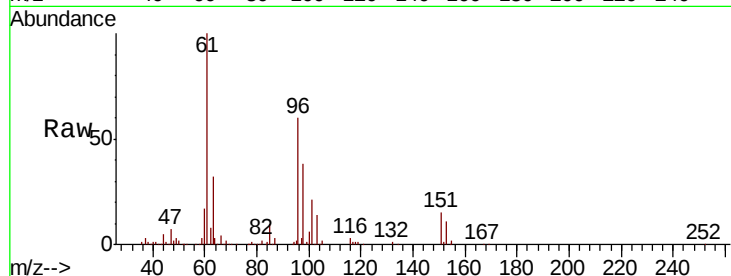
Tot Ion: 96 Resp: 34401

Ion Ratio Lower Upper

96 100

61 167.4 128.8 193.2

98 64.2 52.2 78.2



#16

Acetone

Concen: 14.738 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX004779.D

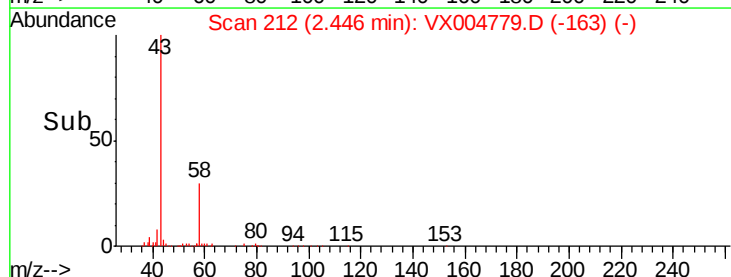
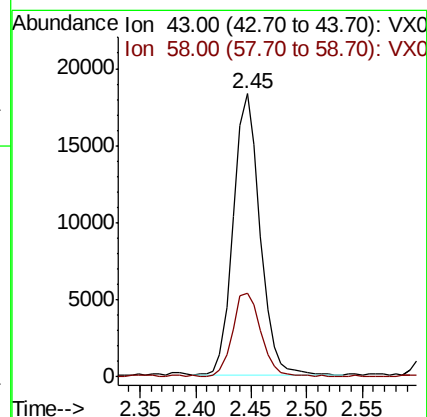
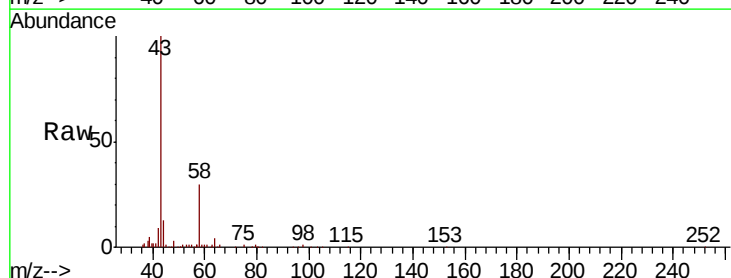
Acq: 27 Sep 2018 17:30

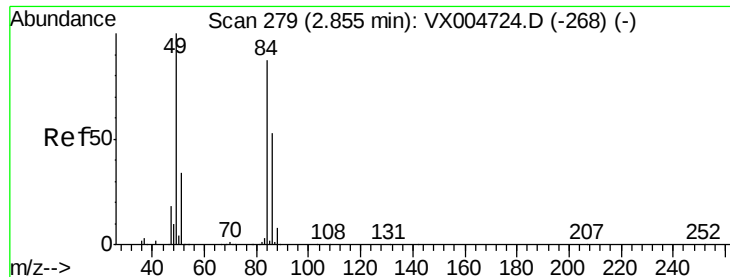
Tgt Ion: 43 Resp: 30405

Ion Ratio Lower Upper

43 100

58 29.8 26.2 39.4





#20

Methylene Chloride

Concen: Below Cal

RT: 2.85 min Scan# 279

Delta R.T. 0.00 min

Lab File: VX004779.D

Acq: 27 Sep 2018 17:30

Instrument :

MSVOA_X

ClientSampleId :

MW-56-SEP18

Tot Ion: 84 Resp: 1109

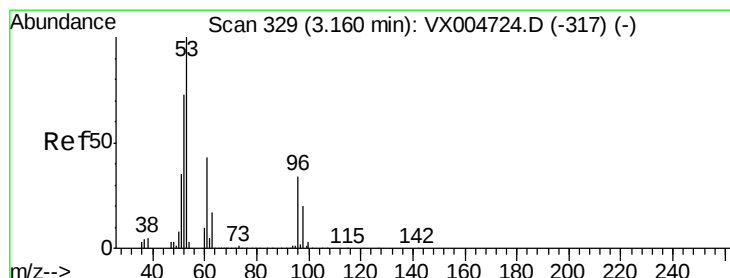
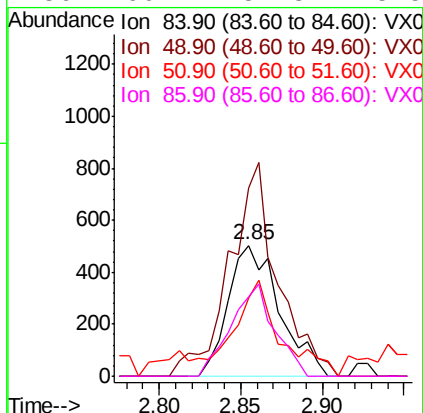
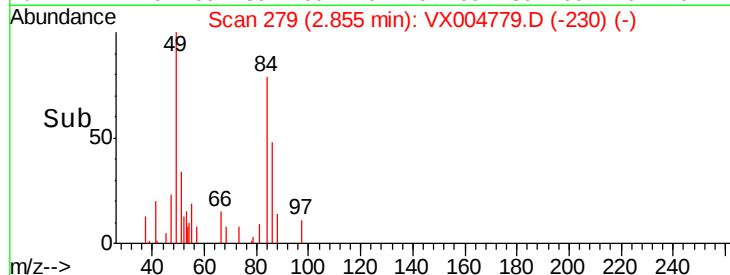
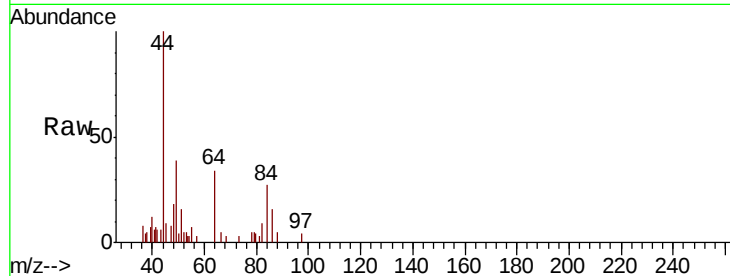
Ion Ratio Lower Upper

84 100

49 143.9 101.2 151.8

51 59.2 29.5 44.3#

86 60.4 52.3 78.5



#21

trans-1,2-Dichloroethene

Concen: 0.317 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX004779.D

Acq: 27 Sep 2018 17:30

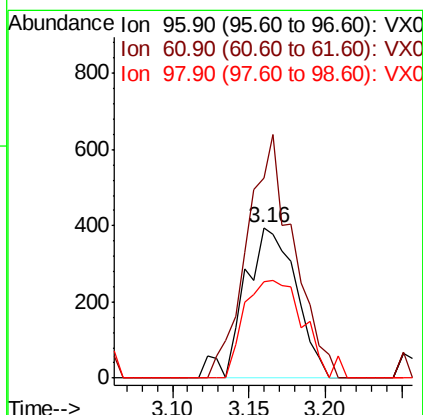
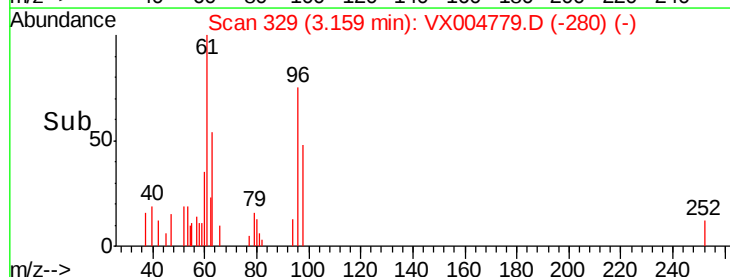
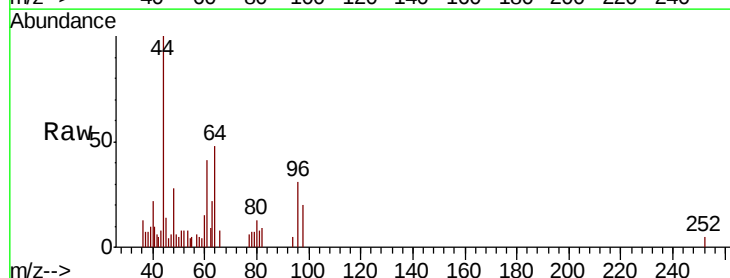
Tgt Ion: 96 Resp: 929

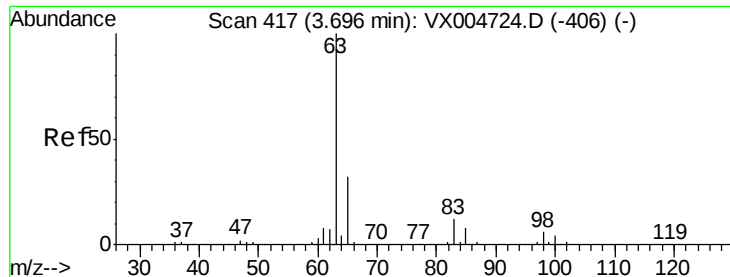
Ion Ratio Lower Upper

96 100

61 133.4 113.8 170.6

98 64.3 51.8 77.8





#24

1,1-Dichloroethane

Concen: 12.619 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX004779.D

Acq: 27 Sep 2018 17:30

Instrument :

MSVOA_X

ClientSampleId :

MW-56-SEP18

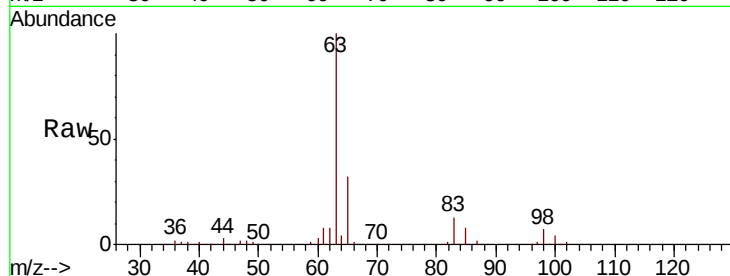
Tot Ion: 63 Resp: 74128

Ion Ratio Lower Upper

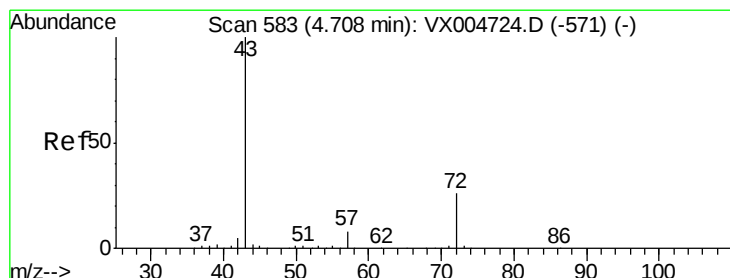
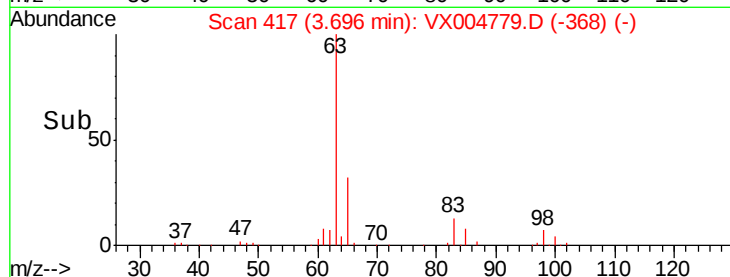
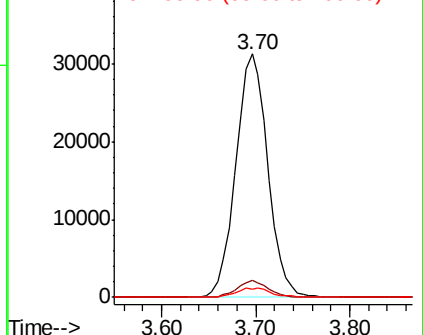
63 100

98 7.3 3.5 10.4

100 3.5 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 97.90 (97.60 to 98.60): VX0
Ion 99.90 (99.60 to 100.60): VX0



#25

2-Butanone

Concen: 0.346 ug/l

RT: 4.71 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX004779.D

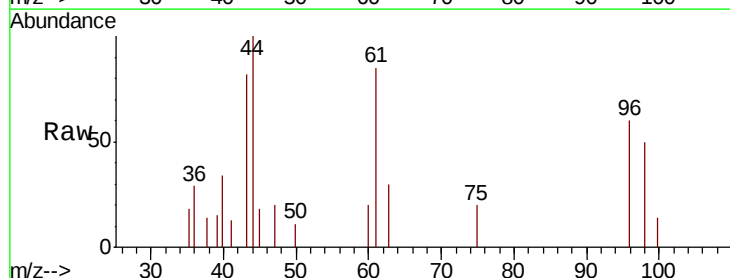
Acq: 27 Sep 2018 17:30

Tgt Ion: 43 Resp: 1051

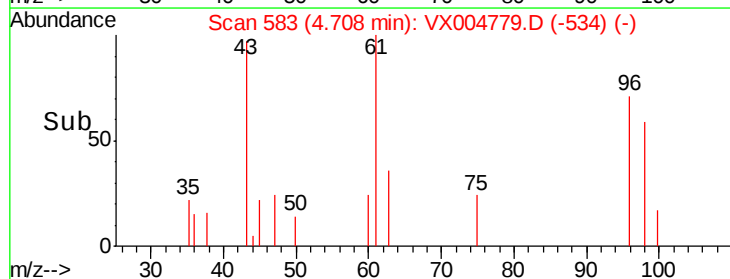
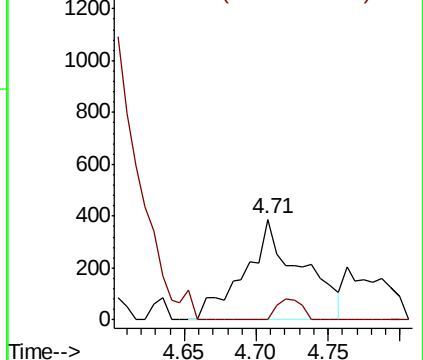
Ion Ratio Lower Upper

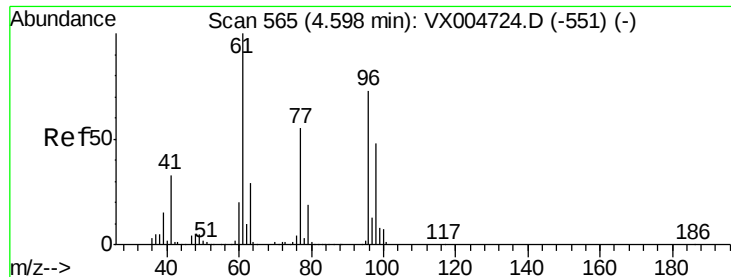
43 100

72 0.0 22.0 33.0#



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 72.00 (71.70 to 72.70): VX0



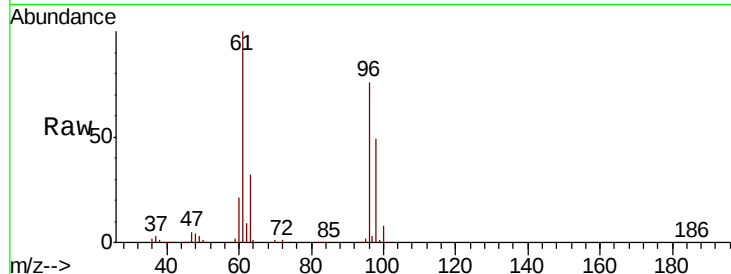


#27

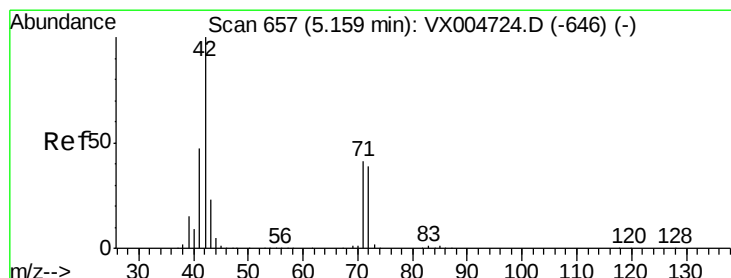
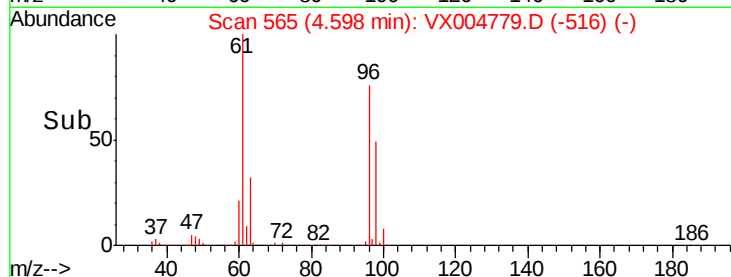
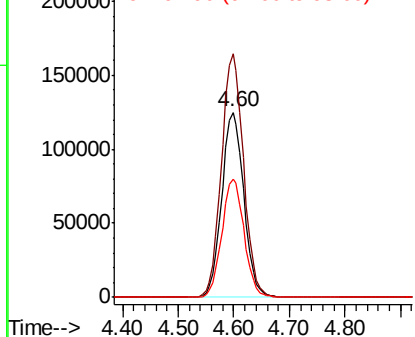
cis-1,2-Dichloroethene
Concen: 104.368 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX004779.D
Acq: 27 Sep 2018 17:30

Instrument :
MSVOA_X
ClientSampleId :
MW-56-SEP18

Tot Ion	Ratio	Lower	Upper
96	100		
61	132.0	0.0	282.6
98	64.3	0.0	130.2



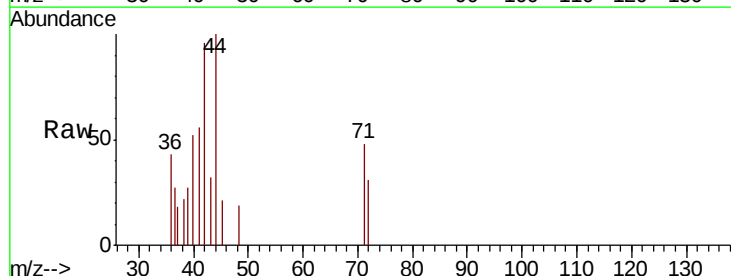
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



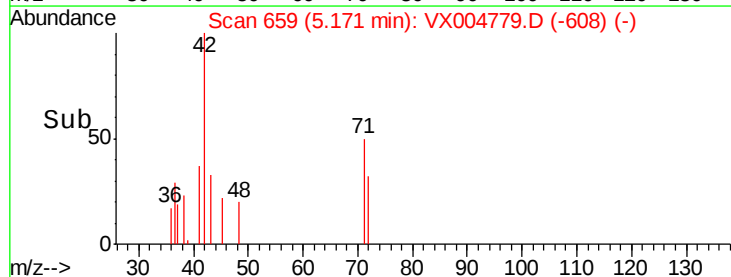
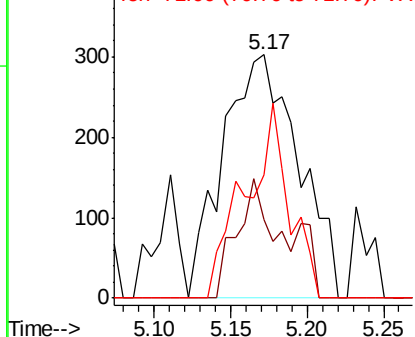
#29

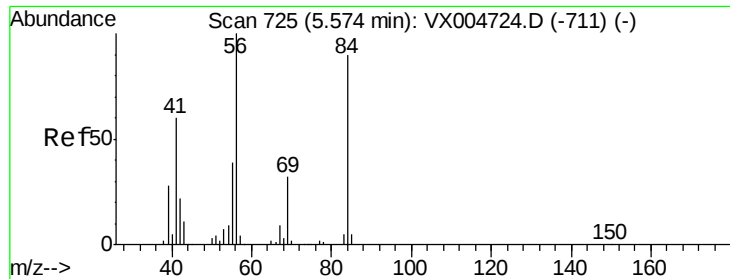
Tetrahydrofuran
Concen: 0.552 ug/l
RT: 5.17 min Scan# 659
Delta R.T. 0.01 min
Lab File: VX004779.D
Acq: 27 Sep 2018 17:30

Tgt Ion	Ratio	Lower	Upper
42	100		
72	24.5	37.4	56.0#
71	46.7	34.5	51.7



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

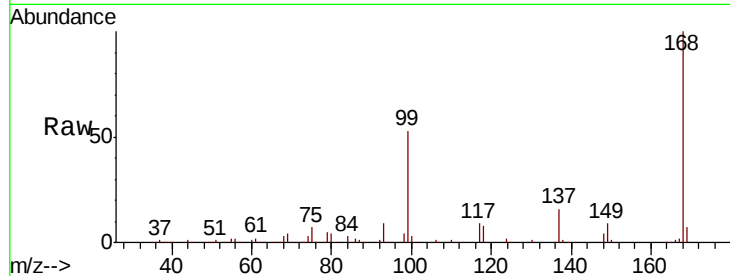




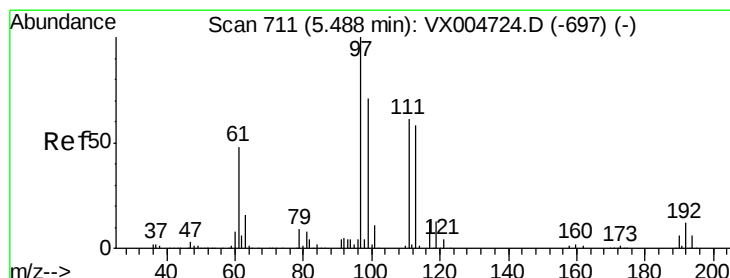
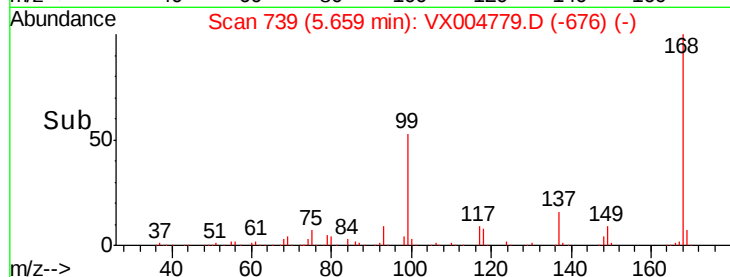
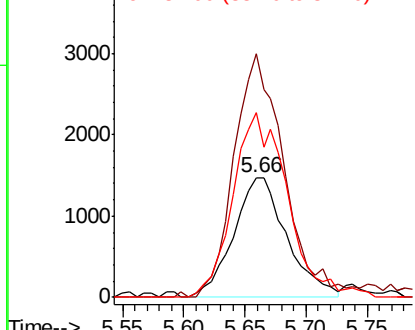
#31
Cvclohexane
Concen: 0.993 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.09 min
Lab File: VX004779.D
Acq: 27 Sep 2018 17:30

Instrument :
MSVOA_X
ClientSampleId :
MW-56-SEP18

Tot Ion: 56 Resp: 4465
Ion Ratio Lower Upper
56 100
69 203.5 25.4 38.2#
84 154.7 71.4 107.2#

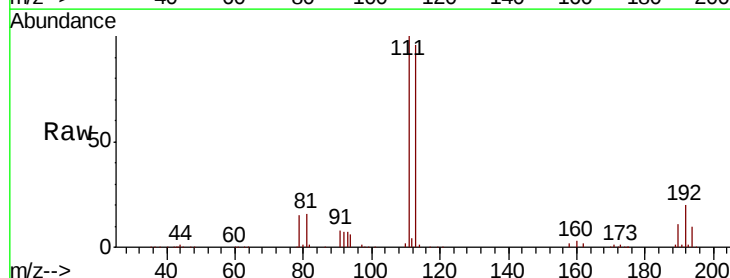


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

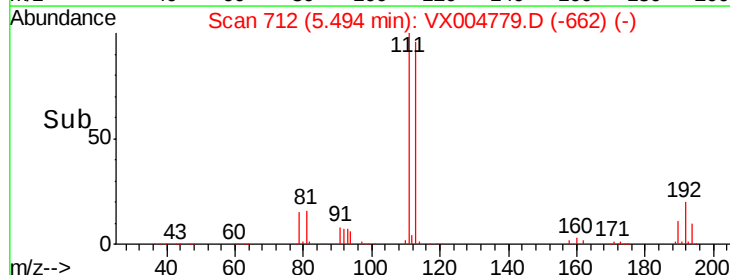
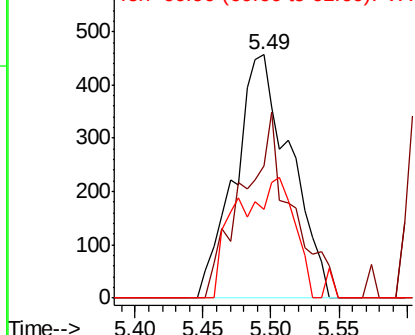


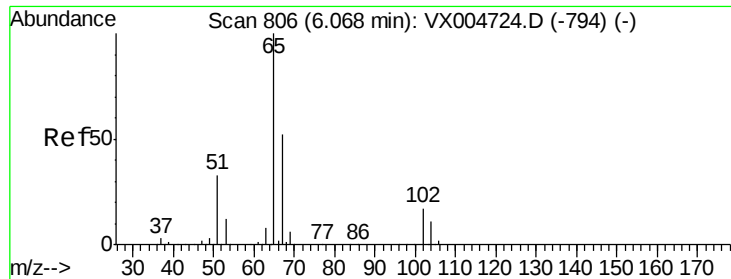
#32
1,1,1-Trichloroethane
Concen: 0.289 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.01 min
Lab File: VX004779.D
Acq: 27 Sep 2018 17:30

Tgt Ion: 97 Resp: 1309
Ion Ratio Lower Upper
97 100
99 0.0 52.0 78.0#
61 23.6 34.9 52.3#



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 53.141 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004779.D

Acq: 27 Sep 2018 17:30

Instrument :

MSVOA_X

ClientSampleId :

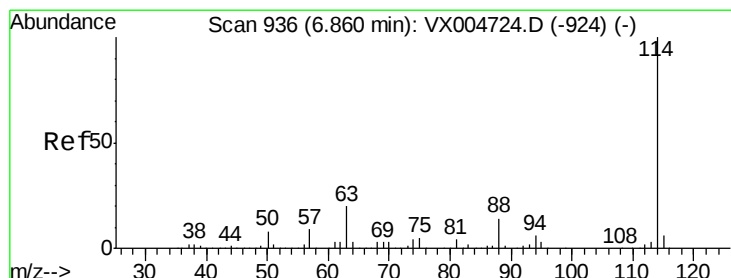
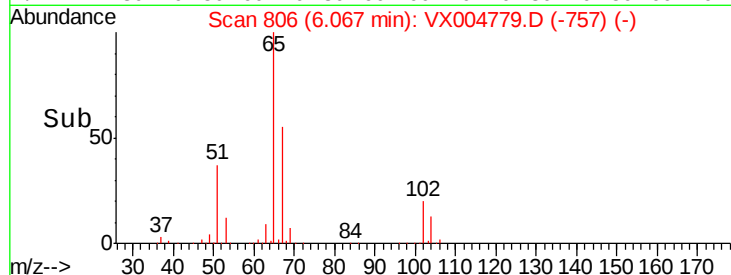
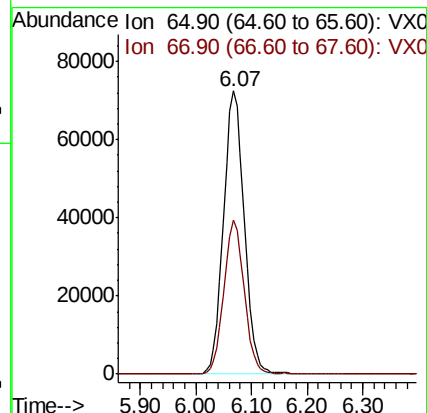
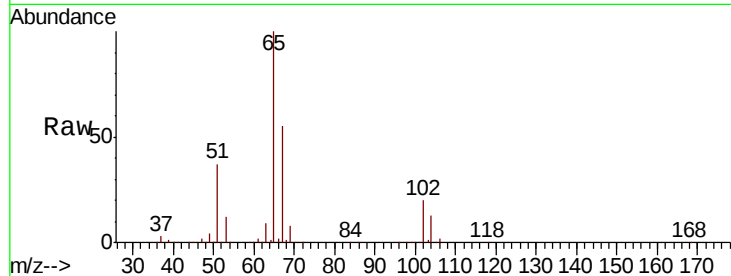
MW-56-SEP18

Tot Ion: 65 Resp: 187780

Ion Ratio Lower Upper

65 100

67 53.1 0.0 106.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX004779.D

Acq: 27 Sep 2018 17:30

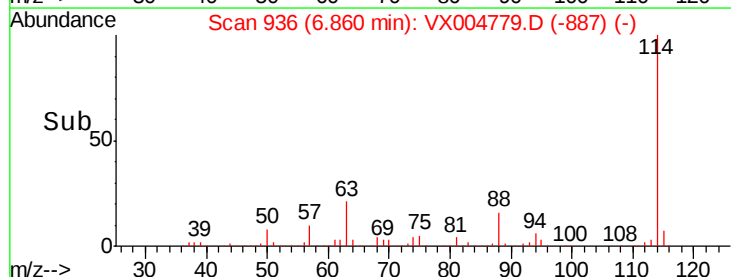
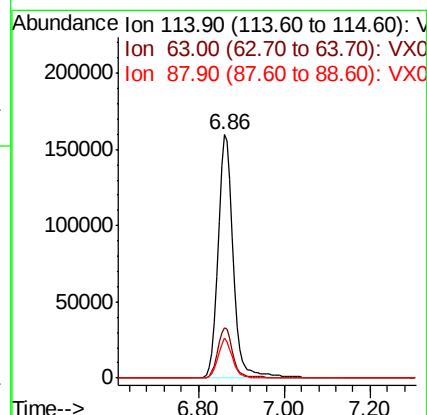
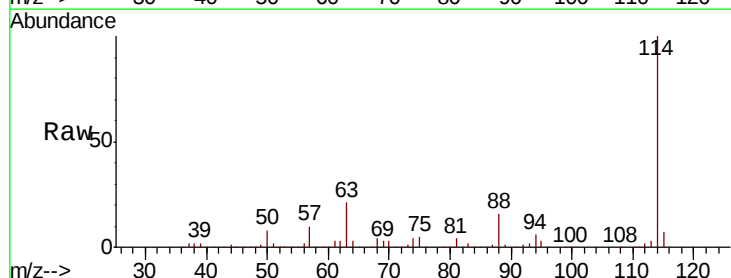
Tgt Ion: 114 Resp: 400983

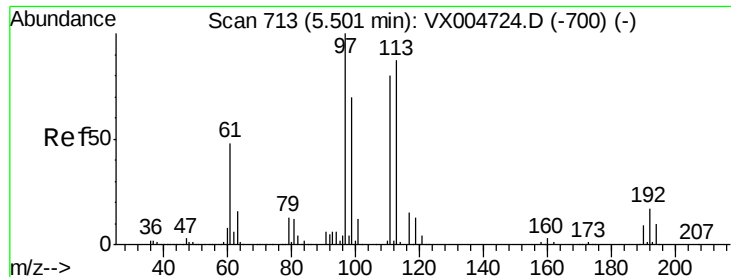
Ion Ratio Lower Upper

114 100

63 20.7 0.0 39.0

88 16.3 0.0 30.4

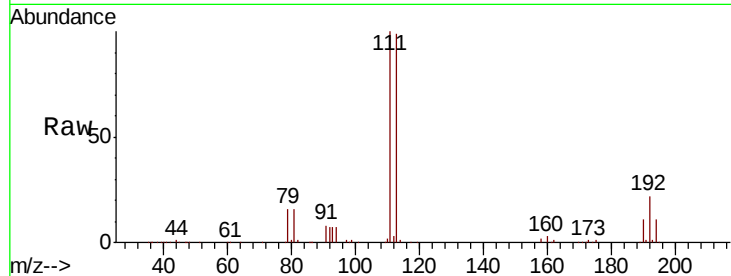




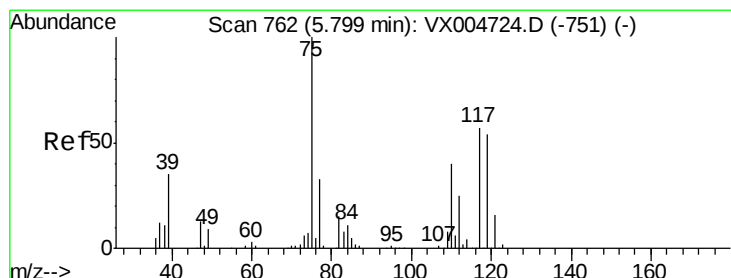
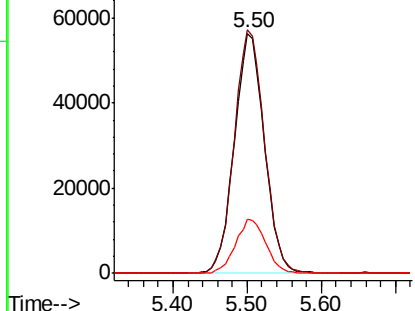
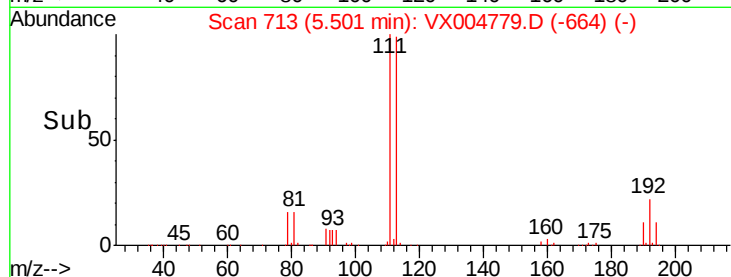
#35
 Dibromofluoromethane
 Concen: 46.920 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX004779.D
 Acq: 27 Sep 2018 17:30

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-56-SEP18

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.4	123.6
192	22.7	19.4	29.2

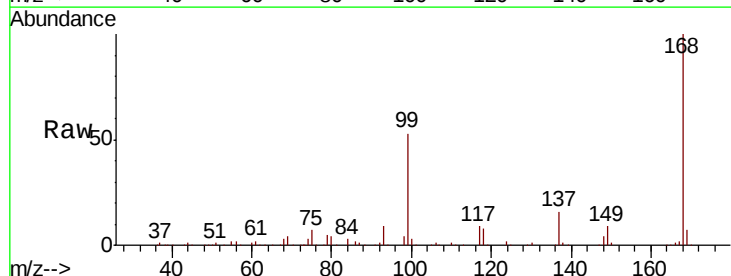


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

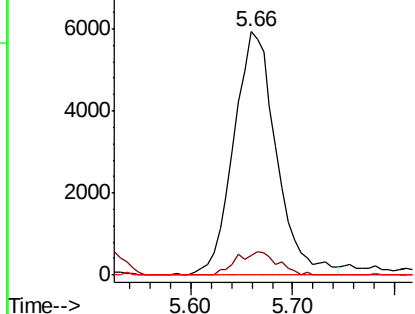
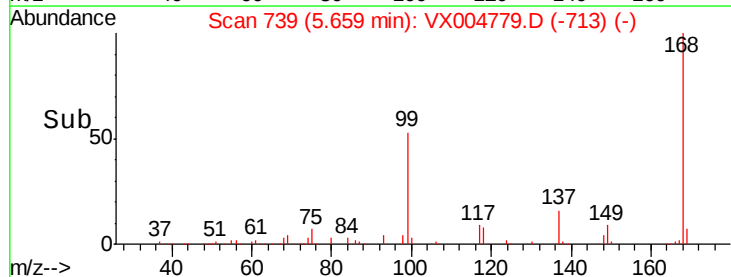


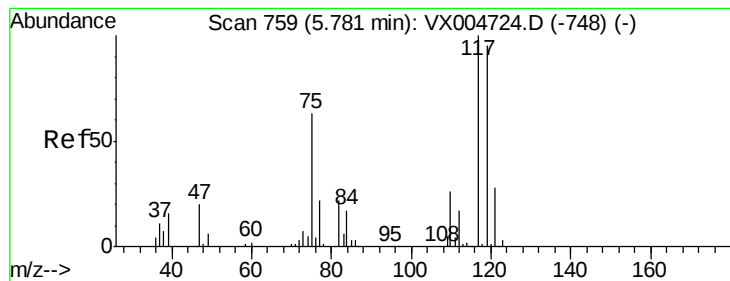
#36
 1,1-Dichloropropene
 Concen: 3.718 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX004779.D
 Acq: 27 Sep 2018 17:30

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.2	18.0	54.0#
77	0.0	24.6	36.8#



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: 4.592 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX004779.D

Acq: 27 Sep 2018 17:30

Instrument :

MSVOA_X

ClientSampleId :

MW-56-SEP18

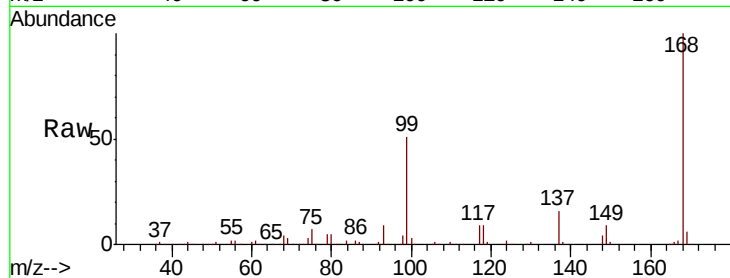
Tot Ion:117 Resp: 22379

Ion Ratio Lower Upper

117 100

119 5.6 78.8 118.2#

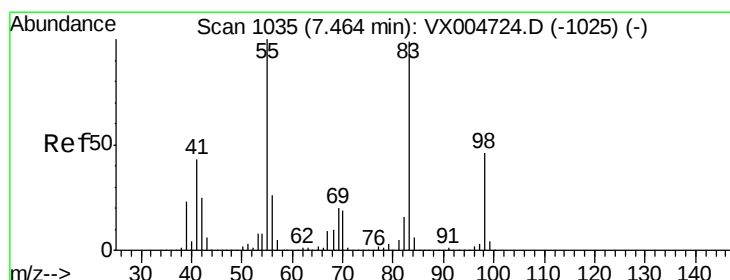
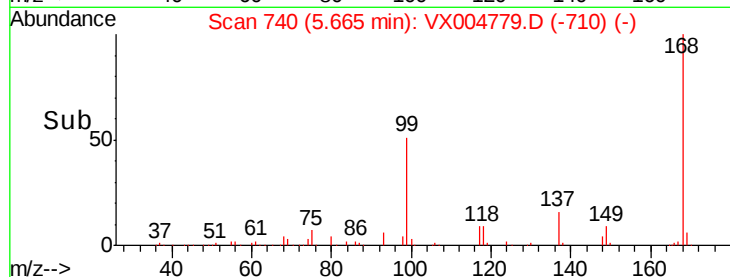
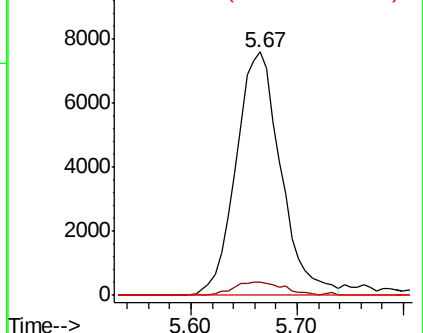
121 0.0 24.9 37.3#



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: 0.392 ug/l

RT: 7.22 min Scan# 995

Delta R.T. -0.24 min

Lab File: VX004779.D

Acq: 27 Sep 2018 17:30

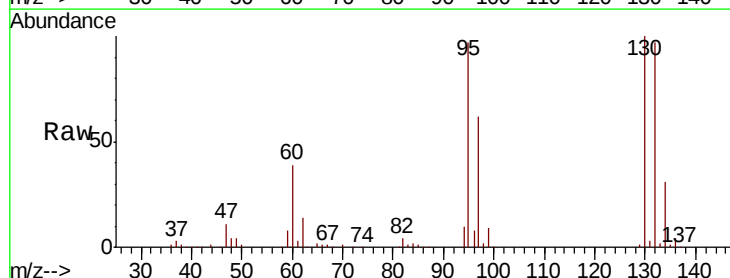
Tgt Ion: 83 Resp: 1857

Ion Ratio Lower Upper

83 100

55 0.0 61.0 91.4#

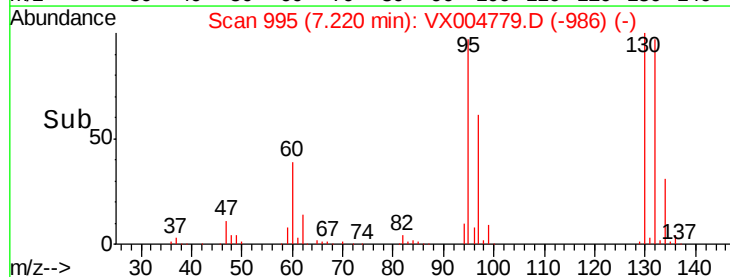
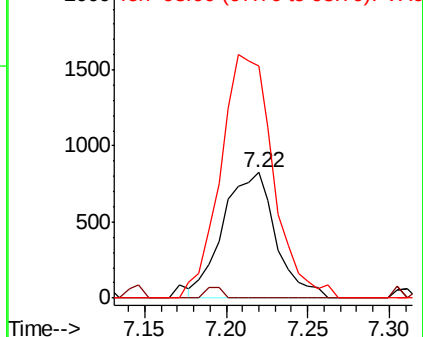
98 185.2 39.6 59.4#

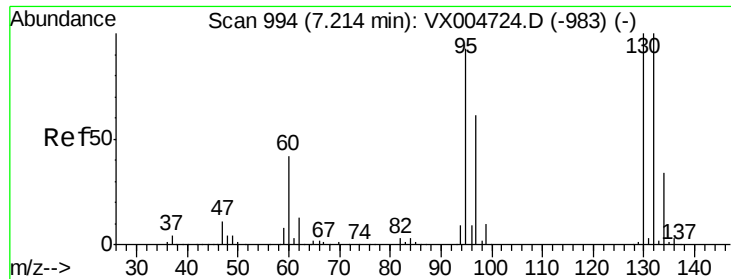


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#44

Trichloroethene

Concen: 42.297 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX004779.D

Acq: 27 Sep 2018 17:30

Instrument :

MSVOA_X

ClientSampleId :

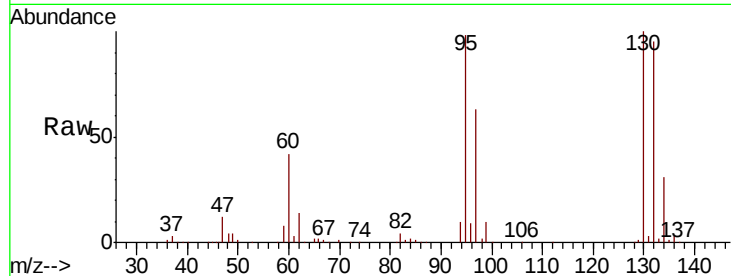
MW-56-SEP18

Tot Ion:130 Resp: 150935

Ion Ratio Lower Upper

130 100

95 97.6 0.0 181.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

80000

60000

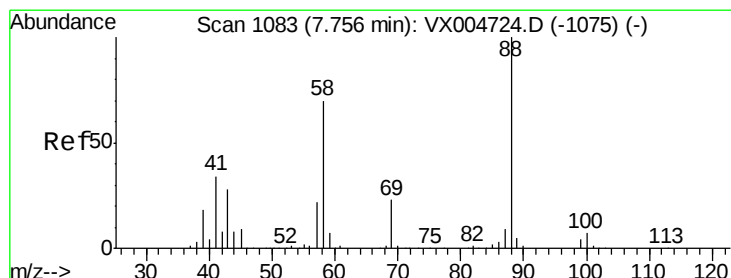
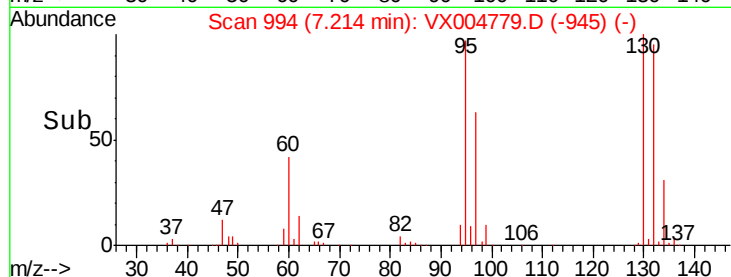
40000

20000

0

7.10 7.20 7.30 7.40

Time-->



#49

1,4-Dioxane

Concen: 7.407 ug/l

RT: 7.76 min Scan# 1084

Delta R.T. 0.01 min

Lab File: VX004779.D

Acq: 27 Sep 2018 17:30

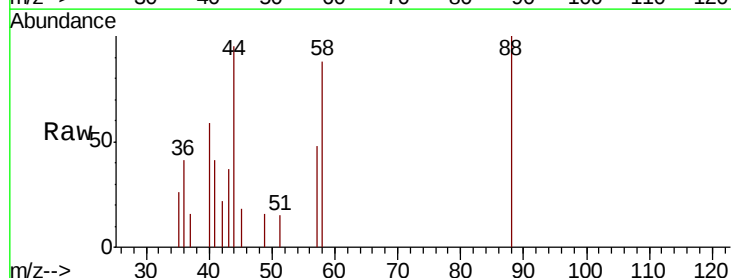
Tgt Ion: 88 Resp: 742

Ion Ratio Lower Upper

88 100

43 26.7 24.7 37.1

58 98.2 55.3 82.9#



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

7.76

400

300

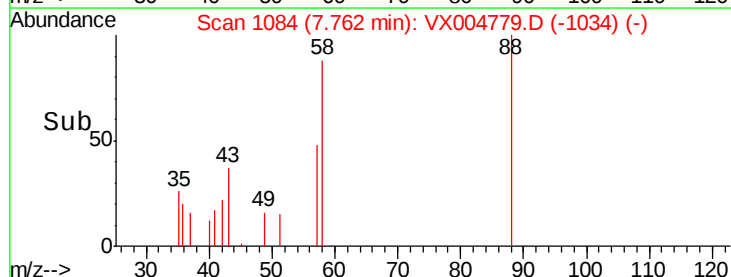
200

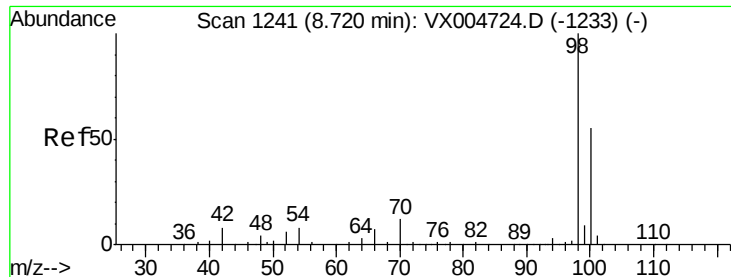
100

0

7.70 7.75 7.80

Time-->

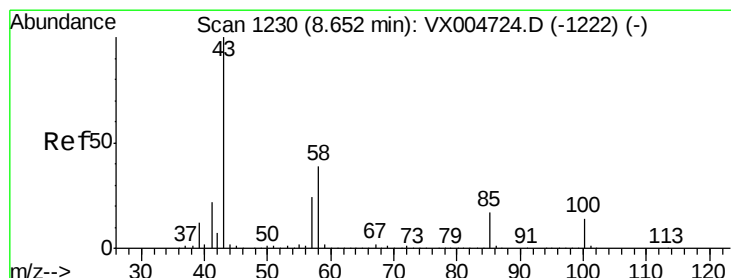
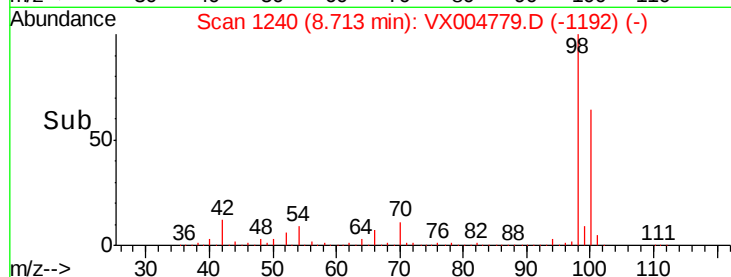
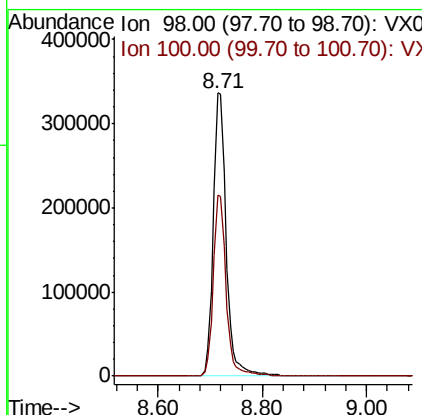
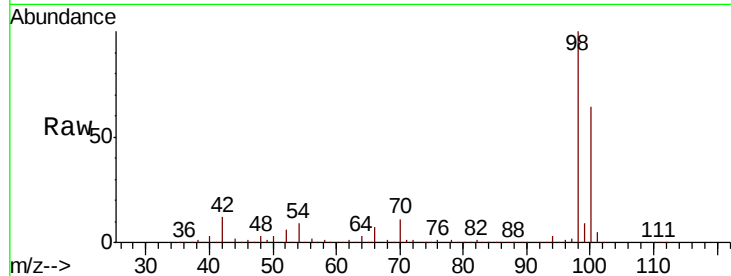




#50
Toluene-d8
Concen: 51.475 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VX004779.D
Acq: 27 Sep 2018 17:30

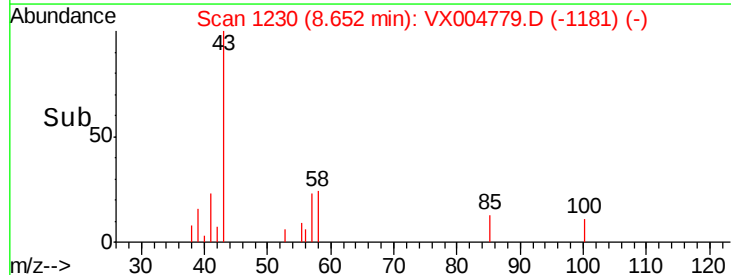
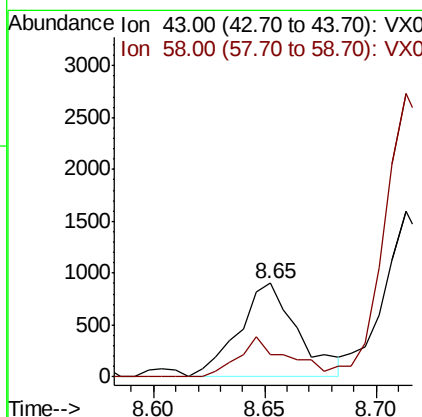
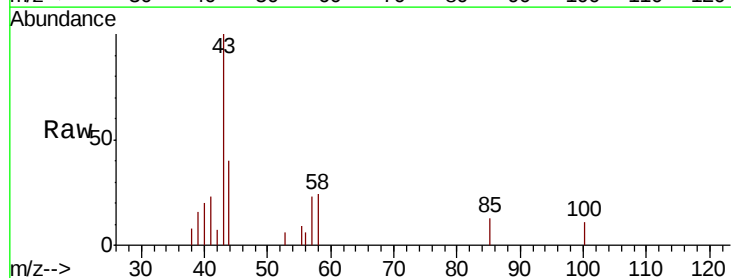
Instrument :
MSVOA_X
ClientSampleId :
MW-56-SEP18

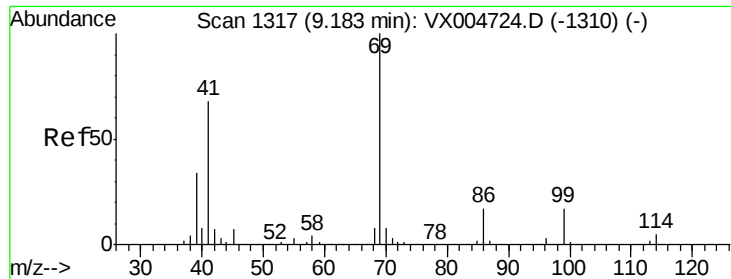
Tot Ion: 98 Resp: 581554
Ion Ratio Lower Upper
98 100
100 63.4 52.9 79.3



#51
4-Methyl-2-Pentanone
Concen: 0.295 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. -0.00 min
Lab File: VX004779.D
Acq: 27 Sep 2018 17:30

Tgt Ion: 43 Resp: 1650
Ion Ratio Lower Upper
43 100
58 36.0 33.1 49.7





#56

Ethyl methacrylate

Concen: 2.865 ug/l

RT: 9.17 min Scan# 1315

Delta R.T. -0.01 min

Lab File: VX004779.D

Acq: 27 Sep 2018 17:30

Instrument :

MSVOA_X

ClientSampleId :

MW-56-SEP18

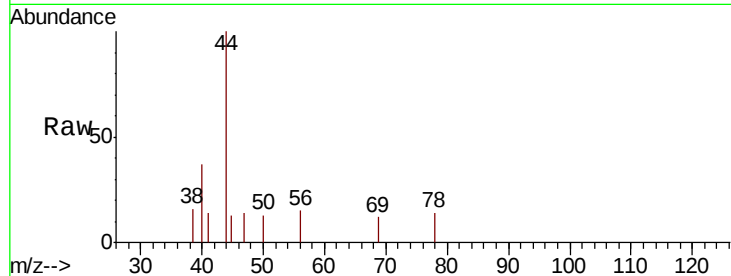
Tot Ion: 69 Resp: 19

Ion Ratio Lower Upper

69 100

41 368.4 51.0 76.4#

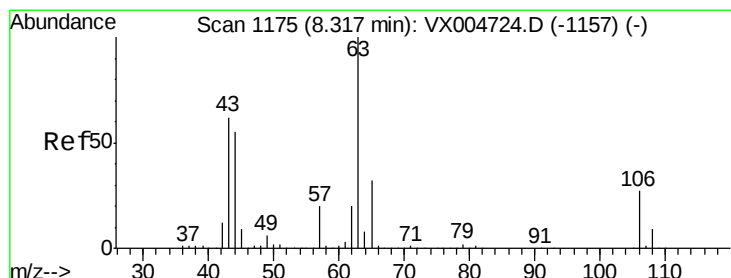
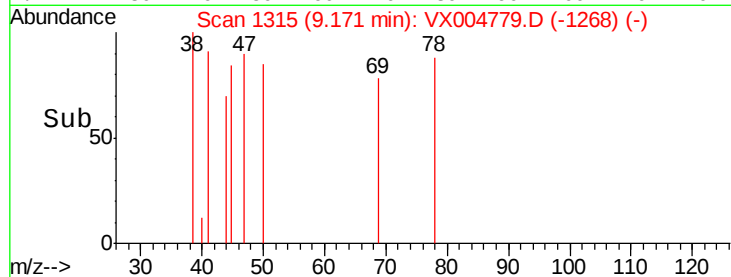
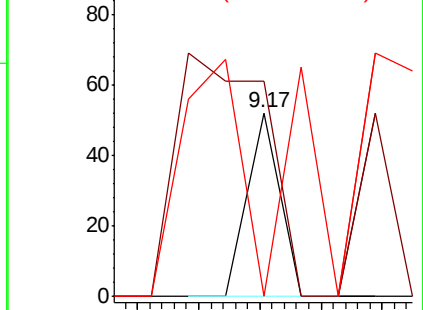
39 236.8 26.1 39.1#



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 14.248 ug/l

RT: 8.15 min Scan# 1147

Delta R.T. -0.17 min

Lab File: VX004779.D

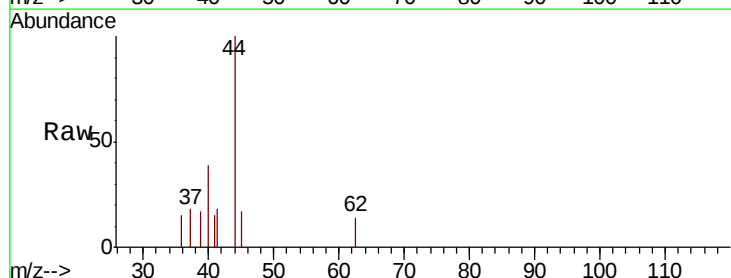
Acq: 27 Sep 2018 17:30

Tgt Ion: 63 Resp: 19

Ion Ratio Lower Upper

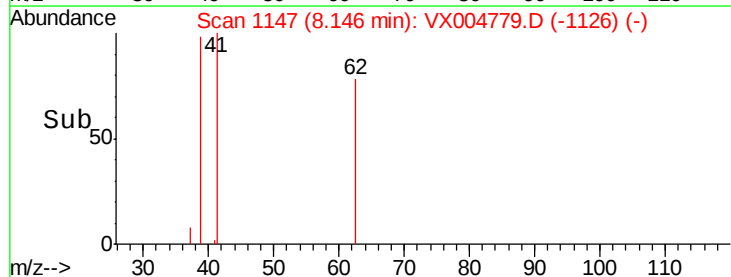
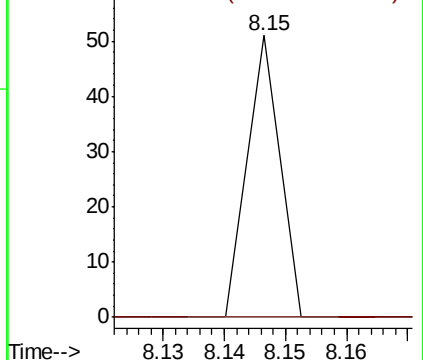
63 100

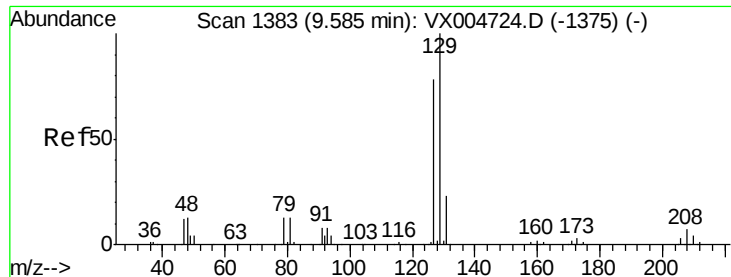
106 0.0 23.9 35.9#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

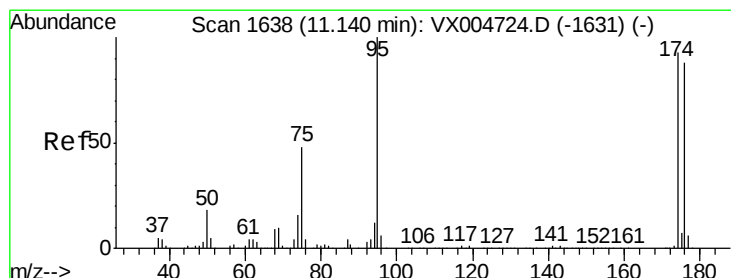
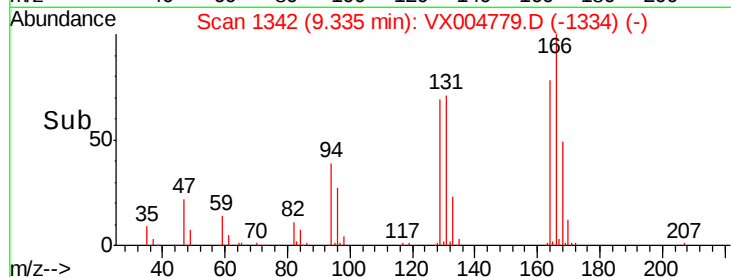
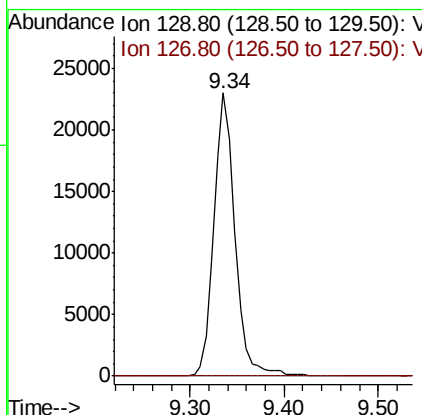
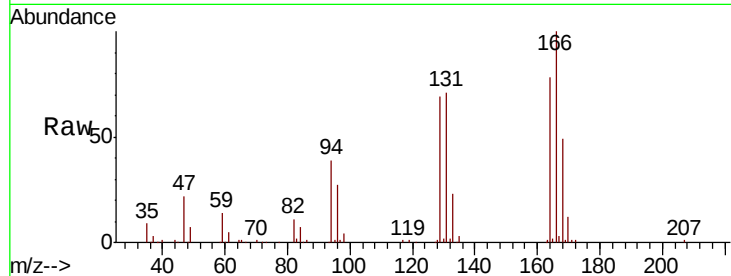




#60
 Dibromochloromethane
 Concen: 10.209 ug/l
 RT: 9.34 min Scan# 1342
 Delta R.T. -0.25 min
 Lab File: VX004779.D
 Acq: 27 Sep 2018 17:30

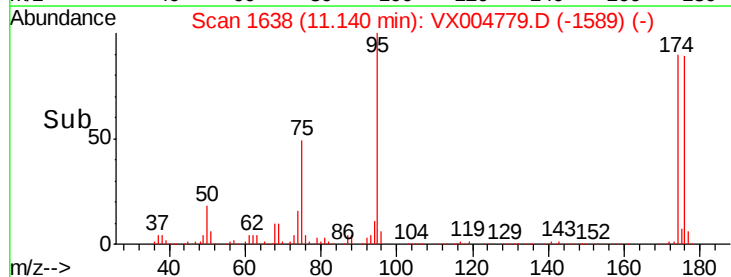
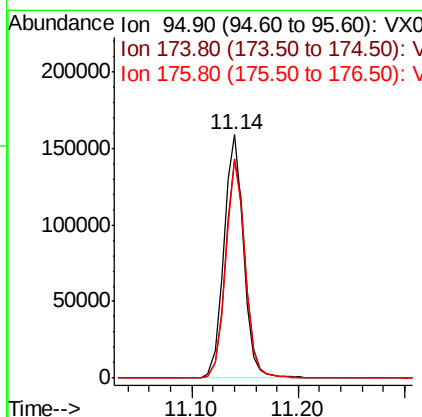
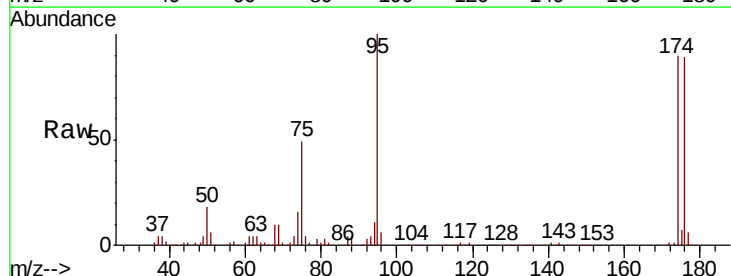
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-56-SEP18

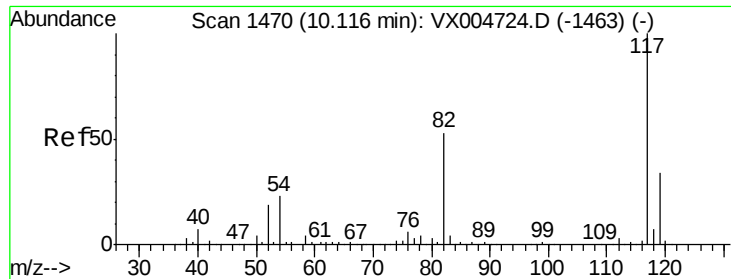
Tot Ion:129 Resp: 35671
 Ion Ratio Lower Upper
 129 100
 127 0.1 38.5 115.5#



#62
 4-Bromofluorobenzene
 Concen: 50.645 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. -0.00 min
 Lab File: VX004779.D
 Acq: 27 Sep 2018 17:30

Tgt Ion: 95 Resp: 206131
 Ion Ratio Lower Upper
 95 100
 174 90.8 0.0 185.2
 176 88.0 0.0 178.6

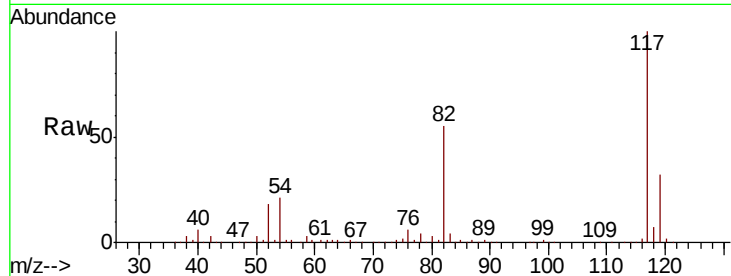




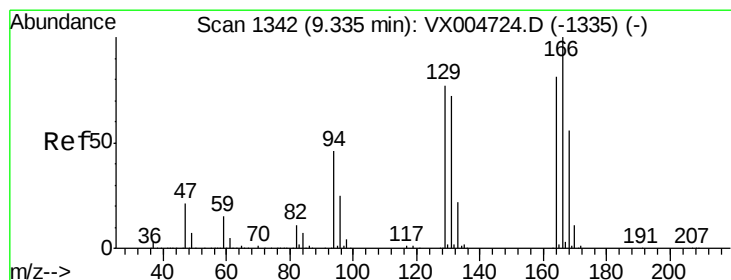
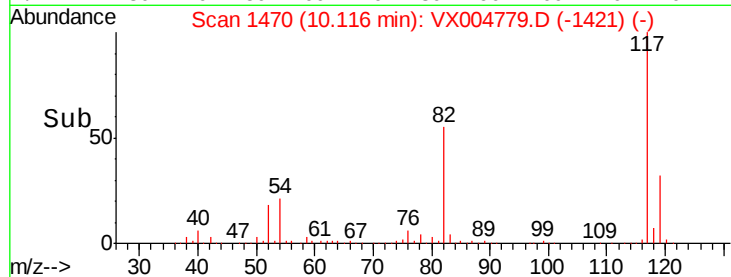
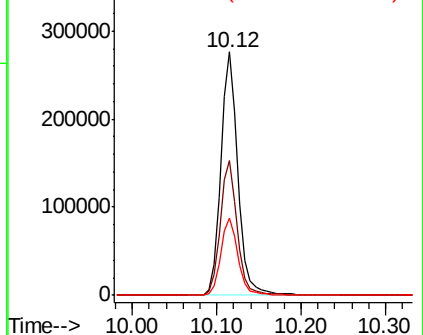
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004779.D
Acq: 27 Sep 2018 17:30

Instrument :
MSVOA_X
ClientSampleId :
MW-56-SEP18

Tot Ion:117 Resp: 387217
Ion Ratio Lower Upper
117 100
82 55.4 47.8 71.6
119 32.0 29.3 43.9

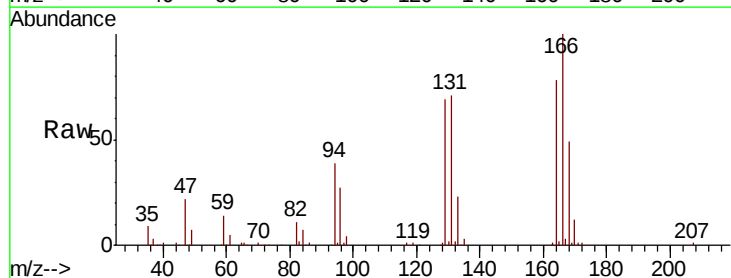


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX
Ion 118.90 (118.60 to 119.60): V

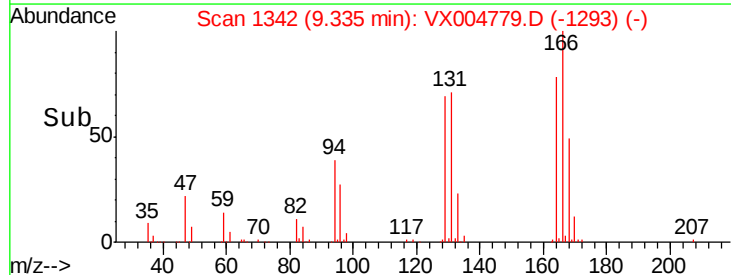
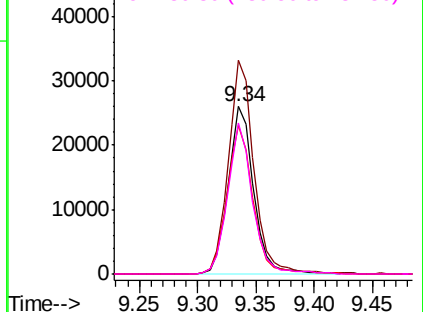


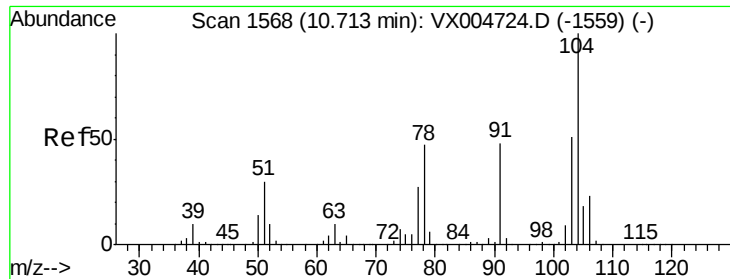
#64
Tetrachloroethene
Concen: 10.392 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX004779.D
Acq: 27 Sep 2018 17:30

Tgt Ion:164 Resp: 39603
Ion Ratio Lower Upper
164 100
166 127.8 102.8 154.2
129 88.6 69.4 104.0
131 90.3 67.9 101.9



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

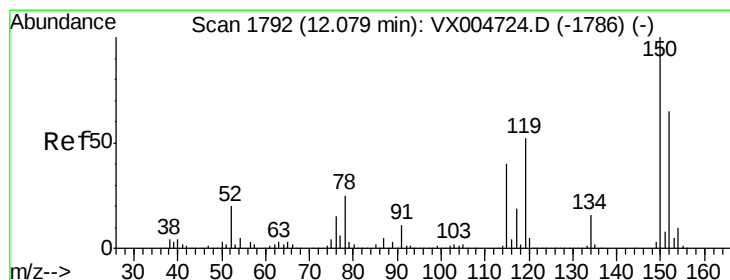
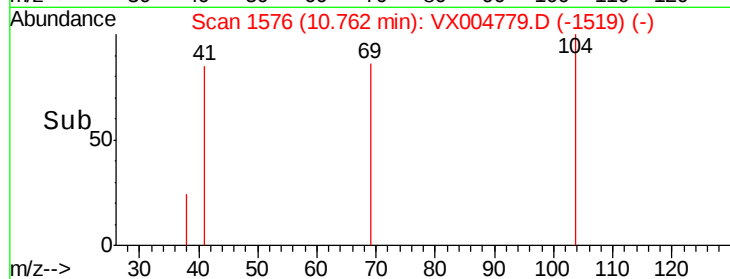
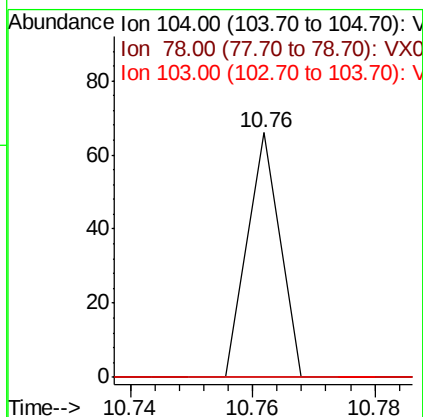
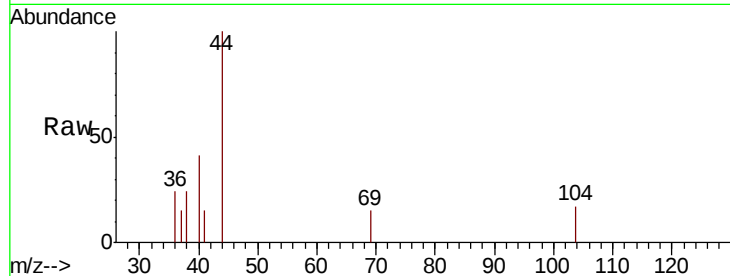




#70
Stvrene
Concen: 2.143 ug/l
RT: 10.76 min Scan# 1576
Delta R.T. 0.05 min
Lab File: VX004779.D
Acq: 27 Sep 2018 17:30

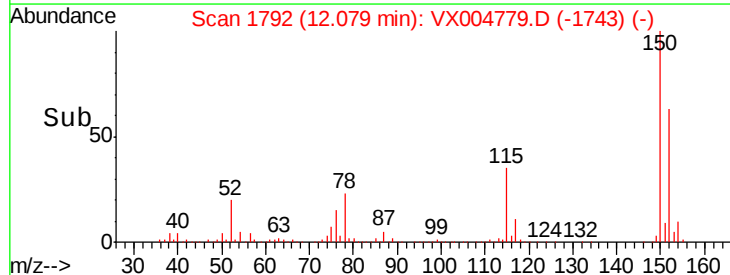
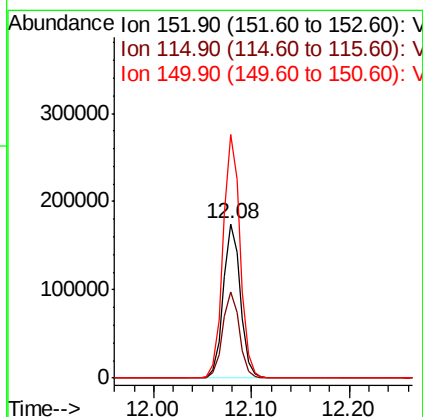
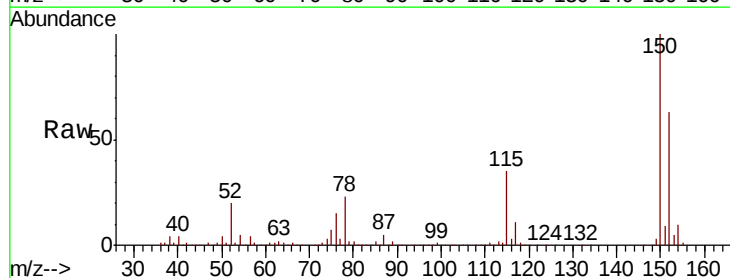
Instrument :
MSVOA_X
ClientSampleId :
MW-56-SEP18

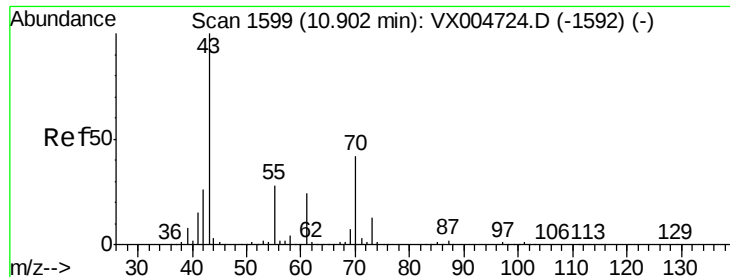
Tot Ion:104 Resp: 24
Ion Ratio Lower Upper
104 100
78 0.0 37.4 56.0#
103 0.0 43.8 65.6#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004779.D
Acq: 27 Sep 2018 17:30

Tgt Ion:152 Resp: 210742
Ion Ratio Lower Upper
152 100
115 55.5 39.0 117.0
150 157.1 0.0 351.0





#74

N-amvl acetate

Concen: 1.760 ug/l

RT: 10.91 min Scan# 1601

Delta R.T. 0.01 min

Lab File: VX004779.D

Acq: 27 Sep 2018 17:30

Instrument :

MSVOA_X

ClientSampleId :

MW-56-SEP18

Tot Ion: 43 Resp: 93

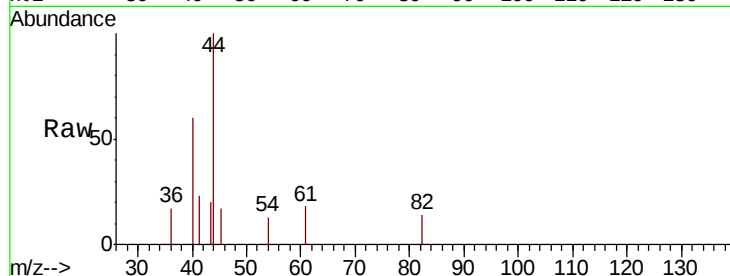
Ion Ratio Lower Upper

43 100

70 0.0 37.4 56.0#

55 50.5 21.8 32.8#

61 0.0 20.6 30.8#

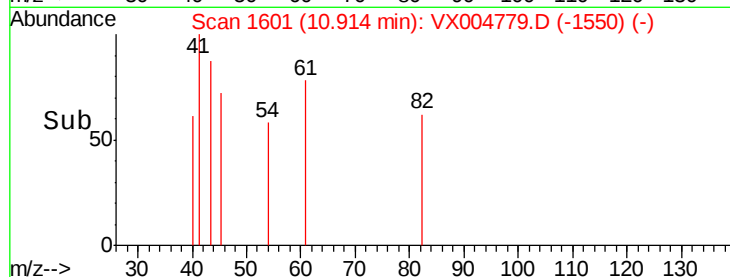
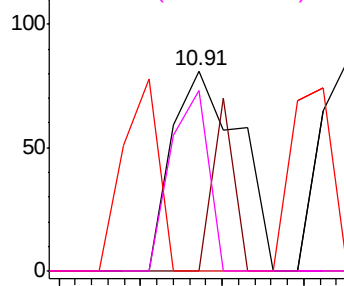


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 21.491 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX004779.D

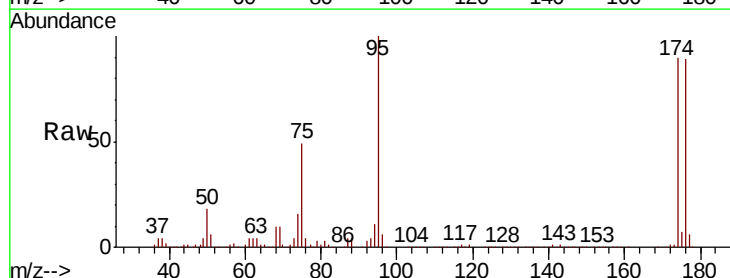
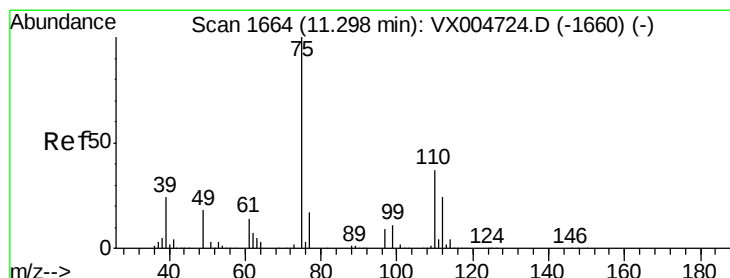
Acq: 27 Sep 2018 17:30

Tgt Ion: 75 Resp: 101511

Ion Ratio Lower Upper

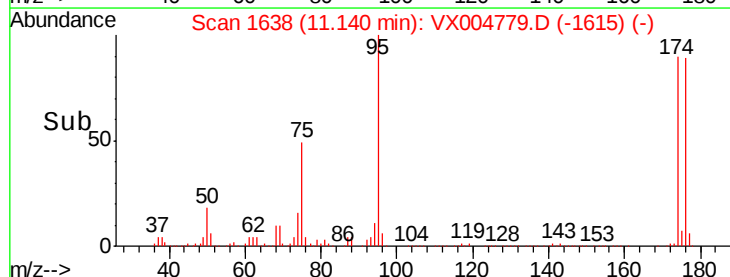
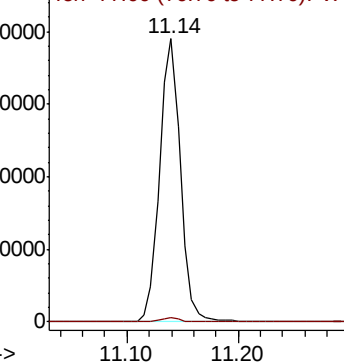
75 100

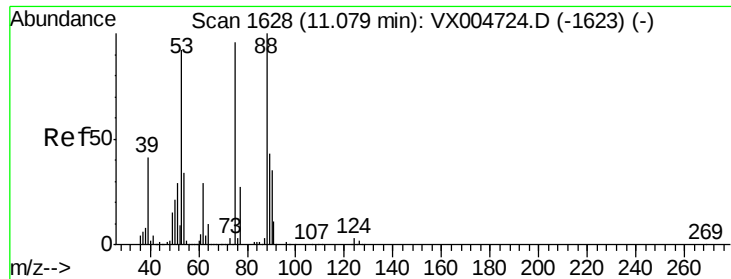
77 1.5 20.2 60.6#



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: 58.271 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.06 min

Lab File: VX004779.D

Acq: 27 Sep 2018 17:30

Instrument :

MSVOA_X

ClientSampled :

MW-56-SEP18

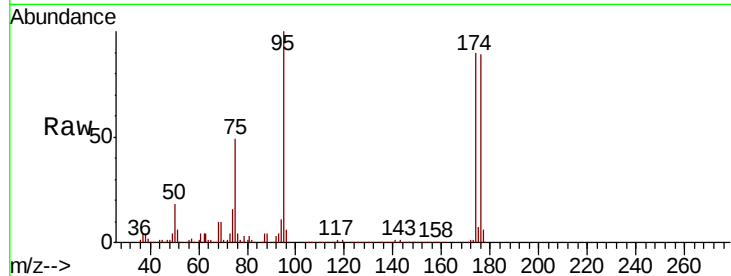
Tot Ion: 75 Resp: 101511

Ion Ratio Lower Upper

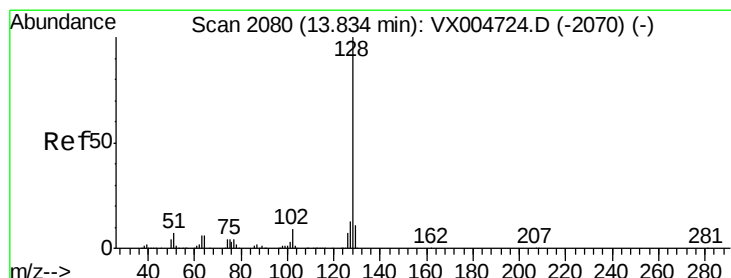
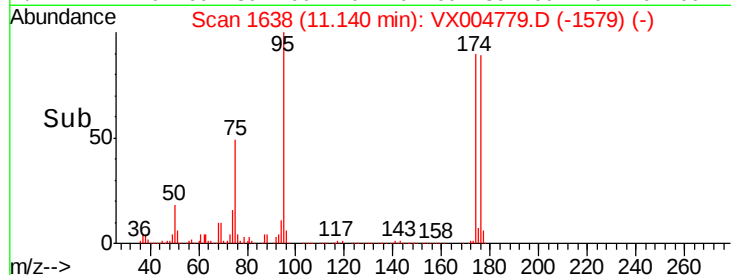
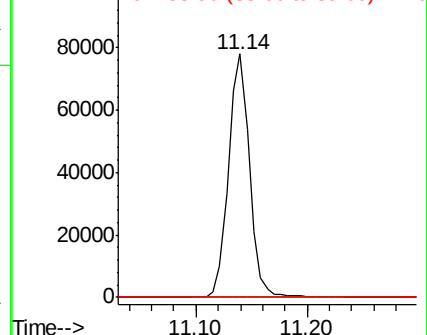
75 100

53 0.2 80.1 120.1#

89 0.1 37.2 55.8#



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



#95

Naphthalene

Concen: 0.736 ug/l

RT: 13.84 min Scan# 2081

Delta R.T. 0.01 min

Lab File: VX004779.D

Acq: 27 Sep 2018 17:30

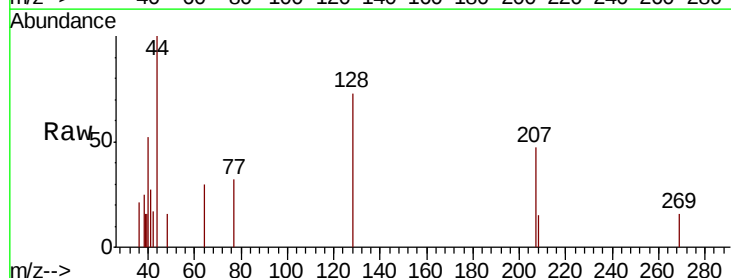
Tgt Ion: 128 Resp: 289

Ion Ratio Lower Upper

128 100

127 0.0 10.2 15.2#

129 0.0 8.6 12.8#



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

