

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092718\
 Data File : VX004792.D
 Acq On : 28 Sep 2018 00:10
 Operator : JC/MD
 Sample : J5048-15 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DMW-29A-SEP18

Quant Time: Sep 28 06:02:52 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	236701	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	389094	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	384355	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	217476	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	183679	54.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.64%	
35) Dibromofluoromethane	5.50	113	156108	47.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.68%	
50) Toluene-d8	8.72	98	571171	52.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.20%	
62) 4-Bromofluorobenzene	11.14	95	208529	52.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.60%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.40	62	13440	3.660	ug/l	99
5) Bromomethane	1.64	94	855	0.393	ug/l #	78
6) Chloroethane	1.62	64	3884	Below Cal	#	61
9) 1,1,2-Trichlorotrifluoroet	2.38	101	14188	5.478	ug/l	100
10) Methyl Iodide	2.51	142	865	0.250	ug/l	95
11) Tert butyl alcohol	3.02	59	12059	12.755	ug/l #	80
12) 1,1-Dichloroethene	2.37	96	13472	5.253	ug/l	98
13) Acrolein	2.28	56	226	0.336	ug/l #	1
15) Acrylonitrile	3.15	53	473	0.227	ug/l #	41
16) Acetone	2.44	43	1139	0.577	ug/l #	74
20) Methylene Chloride	2.86	84	708	Below Cal	#	85
21) trans-1,2-Dichloroethene	3.17	96	1208	0.430	ug/l	96
24) 1,1-Dichloroethane	3.69	63	13306	2.367	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	126321	40.276	ug/l	94
29) Tetrahydrofuran	5.16	42	480	0.265	ug/l #	89
30) Chloroform	5.21	83	2960	0.557	ug/l	93
32) 1,1,1-Trichloroethane	5.49	97	36104	8.322	ug/l	99
36) 1,1-Dichloropropene	5.66	75	16778	3.729	ug/l #	50
38) Carbon Tetrachloride	5.66	117	20915	4.422	ug/l #	15
44) Trichloroethene	7.21	130	241204	69.658	ug/l	95
56) Ethyl methacrylate	9.24	69	19	2.865	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.32	63	136	14.286	ug/l #	45
60) Dibromochloromethane	9.34	129	52511	15.487	ug/l #	11
64) Tetrachloroethene	9.34	164	59325	15.682	ug/l	97
70) Styrene	10.72	104	286	2.167	ug/l #	67
74) N-amyl acetate	10.90	43	149	1.767	ug/l #	53
76) 1,2,3-Trichloropropane	11.14	75	105499	21.643	ug/l #	37
80) 1,3,5-Trimethylbenzene	11.51	105	392	Below Cal		92
81) trans-1,4-Dichloro-2-buten	11.14	75	105499	58.671	ug/l #	10
84) 1,2,4-Trimethylbenzene	11.81	105	490	Below Cal		99
91) 1,2-Dichlorobenzene	12.39	146	9195	1.183	ug/l	97
95) Naphthalene	13.83	128	14097	1.488	ug/l	98

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

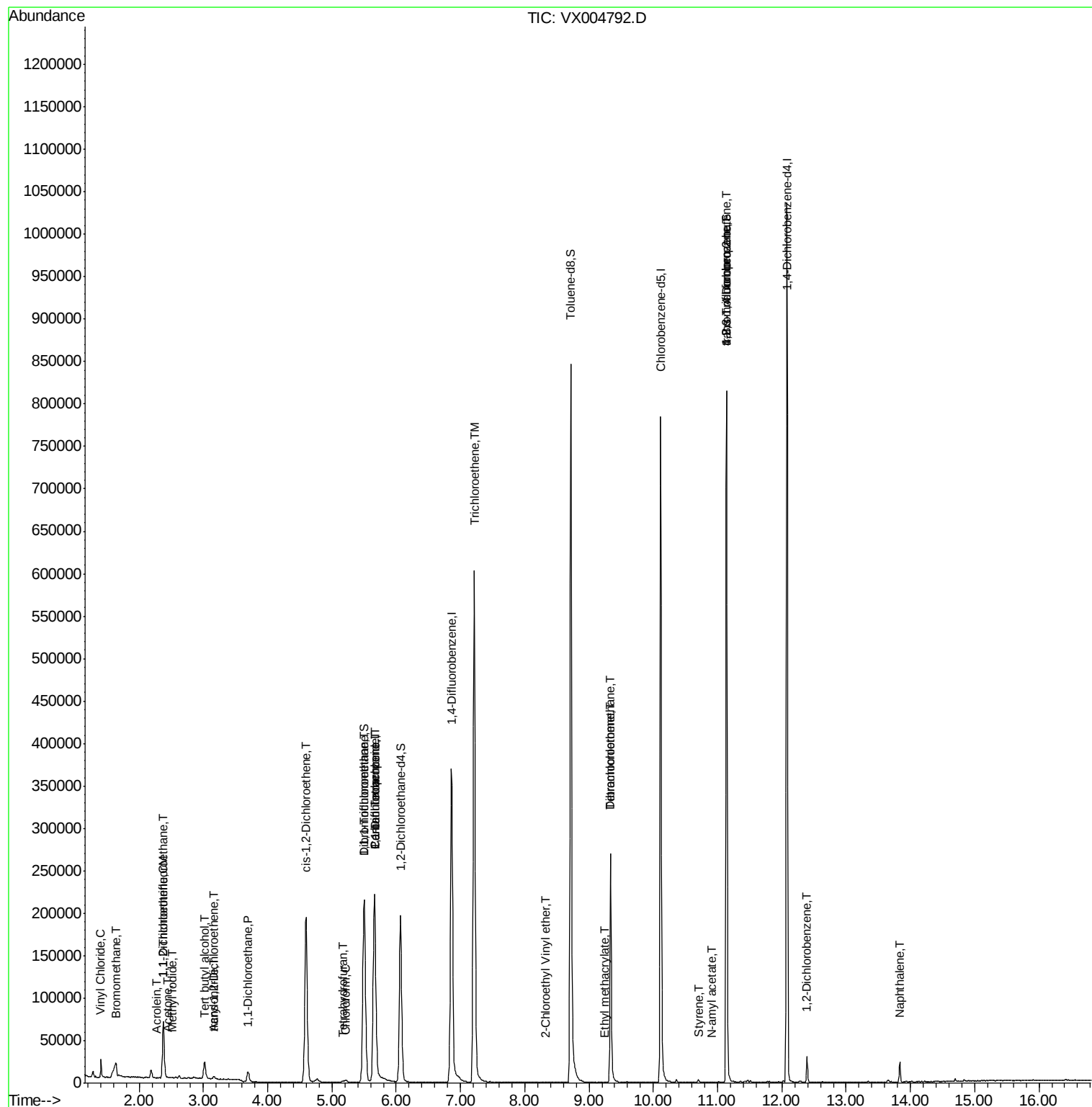
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

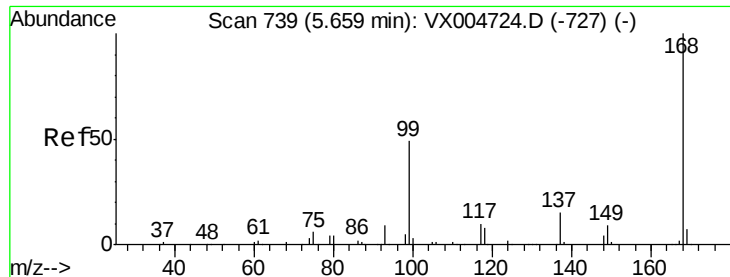
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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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: VX004792.D

Acq: 28 Sep 2018 00:10

Instrument :

MSVOA_X

ClientSampleId :

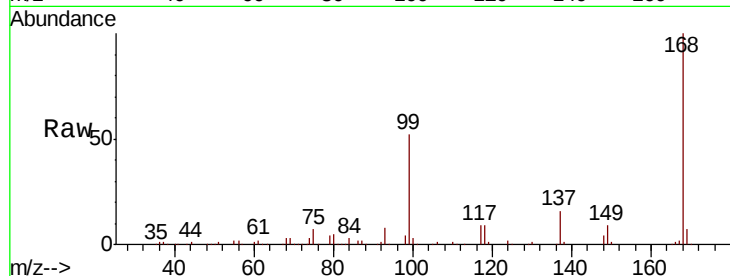
DMW-29A-SEP18

Tot Ion:168 Resp: 236701

Ion Ratio Lower Upper

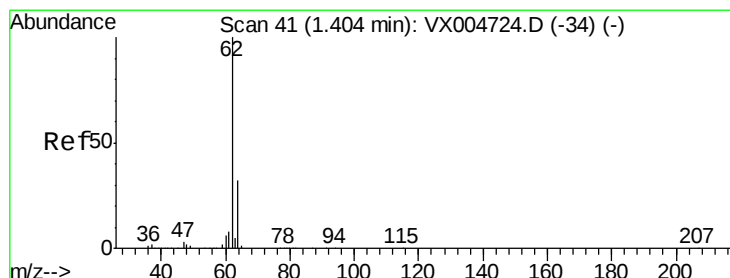
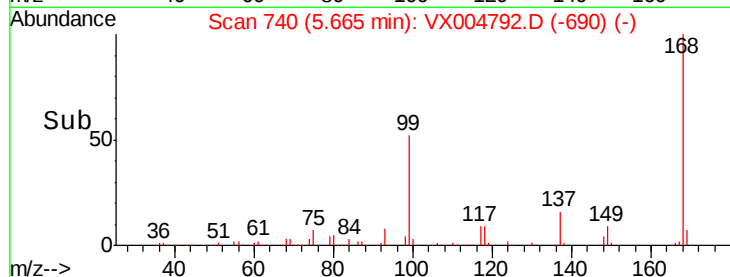
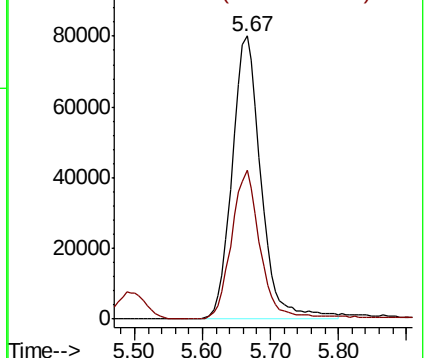
168 100

99 52.3 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 3.660 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX004792.D

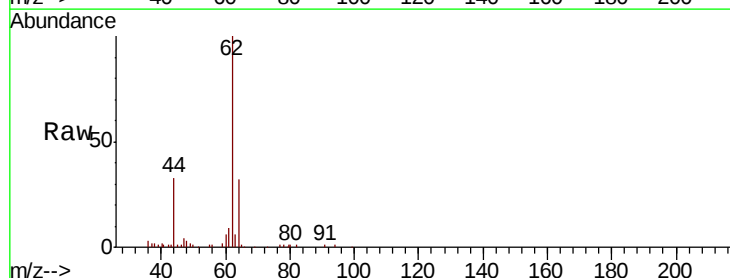
Acq: 28 Sep 2018 00:10

Tgt Ion: 62 Resp: 13440

Ion Ratio Lower Upper

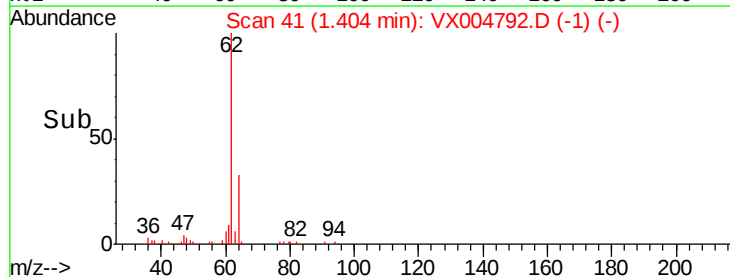
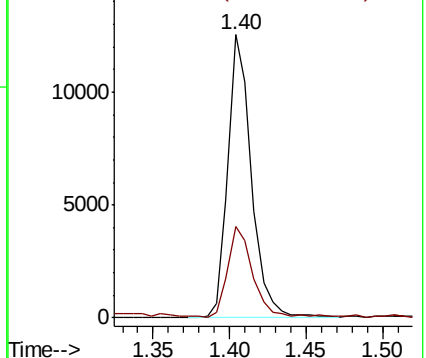
62 100

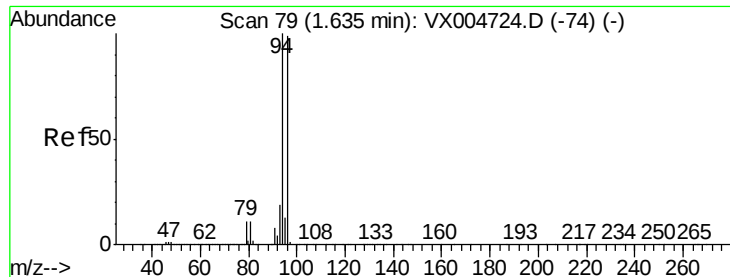
64 31.9 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 0.393 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX004792.D

Acq: 28 Sep 2018 00:10

Instrument :

MSVOA_X

ClientSampleId :

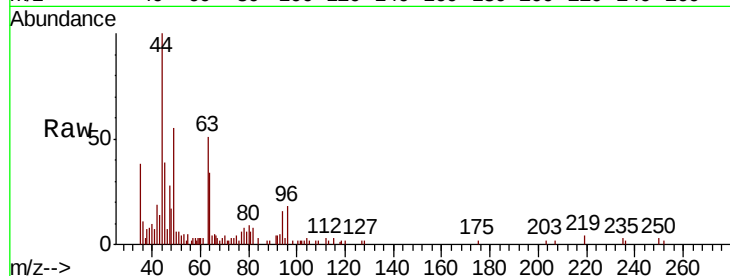
DMW-29A-SEP18

Tot Ion: 94 Resp: 855

Ion Ratio Lower Upper

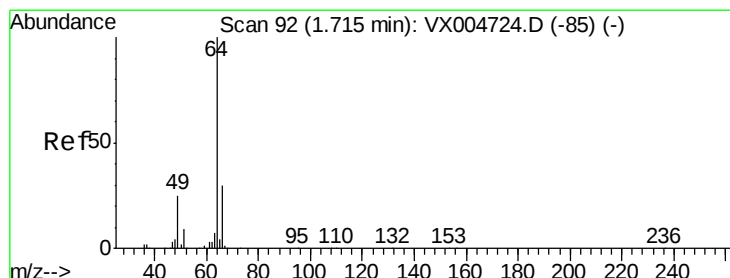
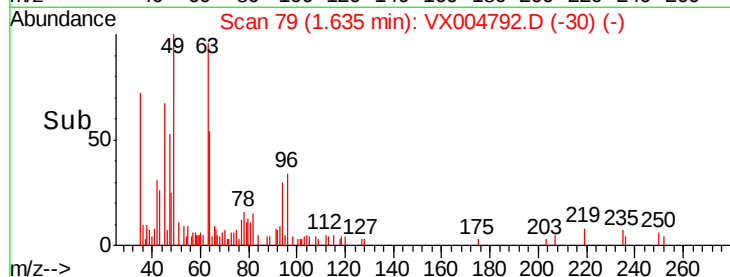
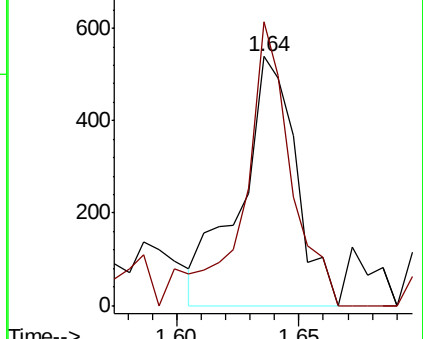
94 100

96 113.9 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: 1.62 min Scan# 76

Delta R.T. -0.10 min

Lab File: VX004792.D

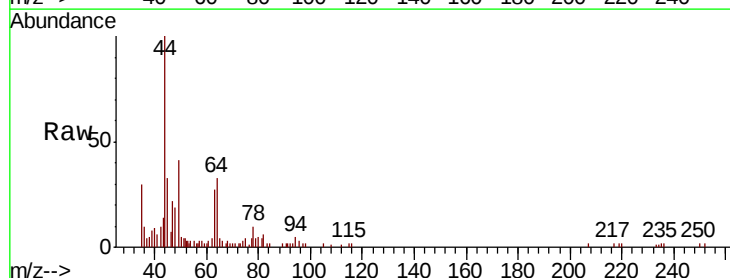
Acq: 28 Sep 2018 00:10

Tgt Ion: 64 Resp: 3884

Ion Ratio Lower Upper

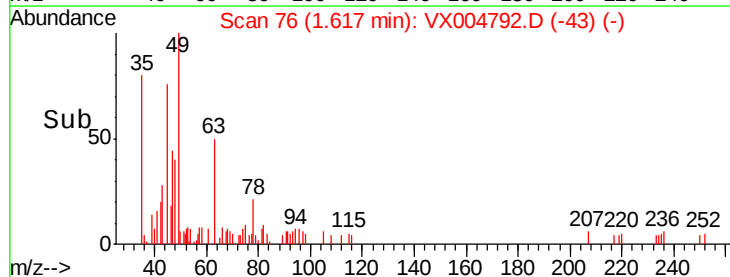
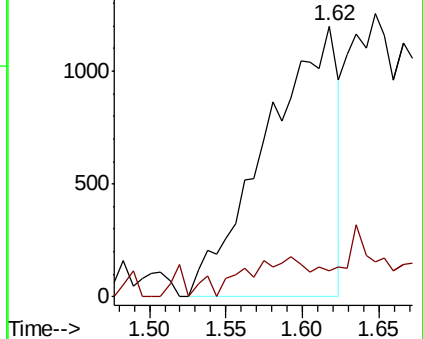
64 100

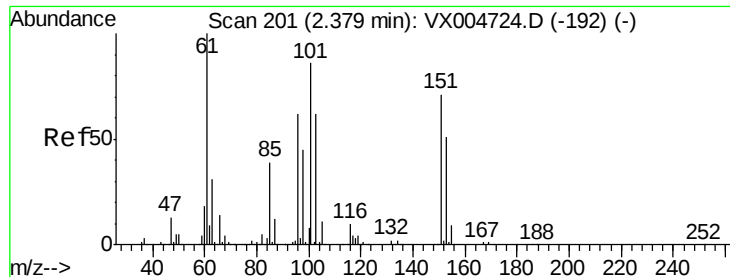
66 9.5 24.6 36.8#



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: 5.478 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX004792.D

Acq: 28 Sep 2018 00:10

Instrument :

MSVOA_X

ClientSampleId :

DMW-29A-SEP18

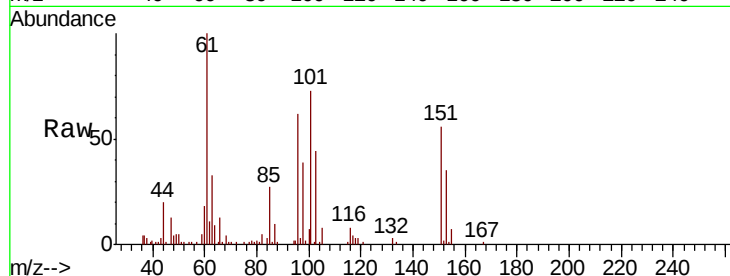
Tot Ion:101 Resp: 14188

Ion Ratio Lower Upper

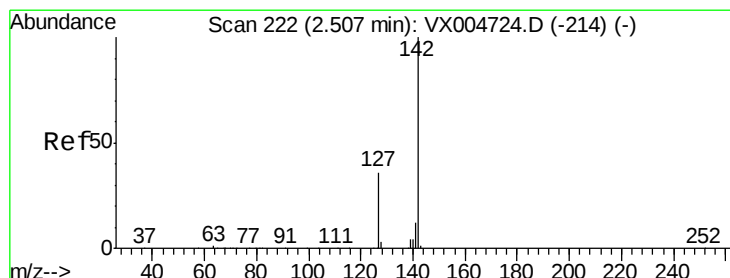
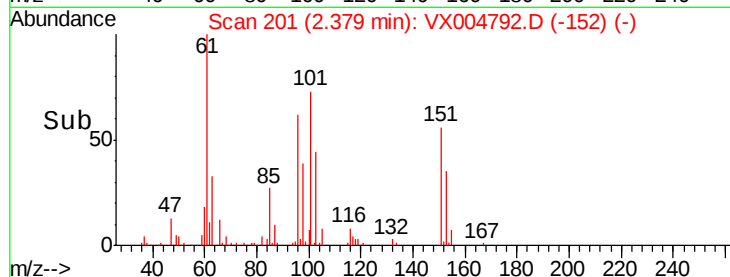
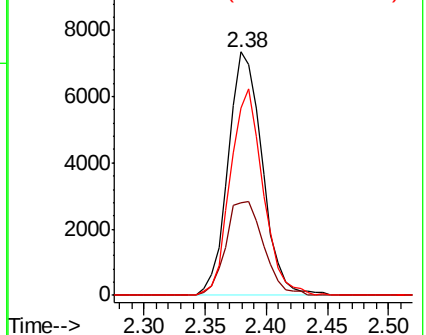
101 100

85 42.7 34.2 51.4

151 81.4 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



#10

Methyl Iodide

Concen: 0.250 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX004792.D

Acq: 28 Sep 2018 00:10

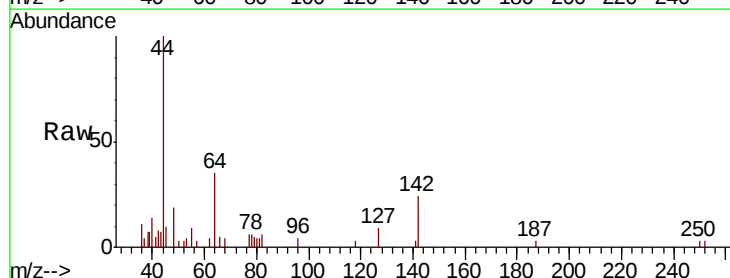
Tgt Ion:142 Resp: 865

Ion Ratio Lower Upper

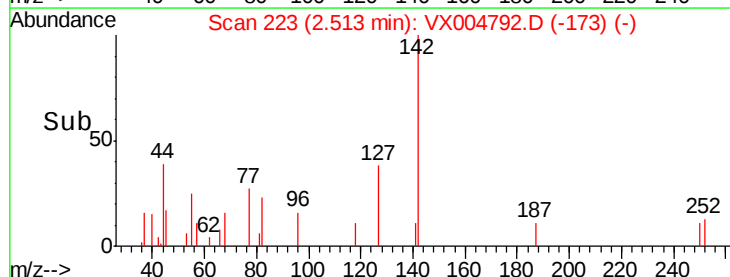
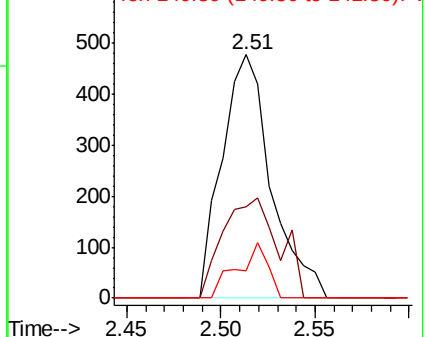
142 100

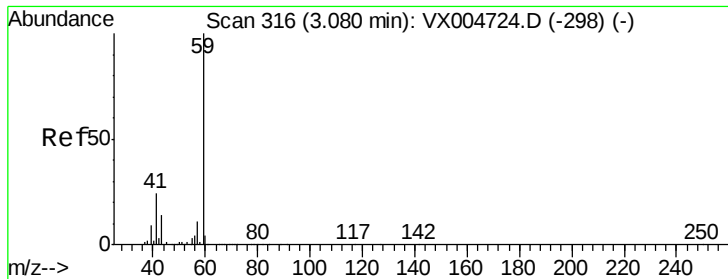
127 46.6 33.8 50.6

141 14.2 11.4 17.0



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

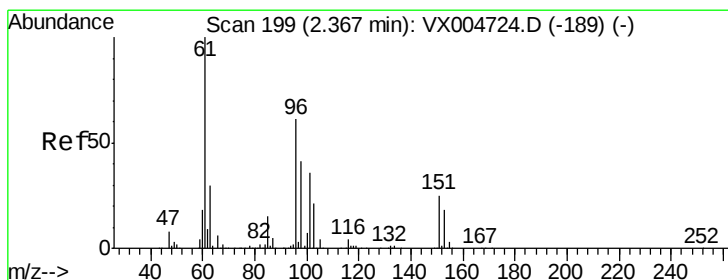
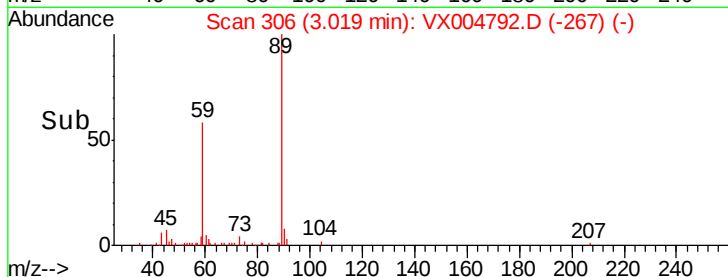
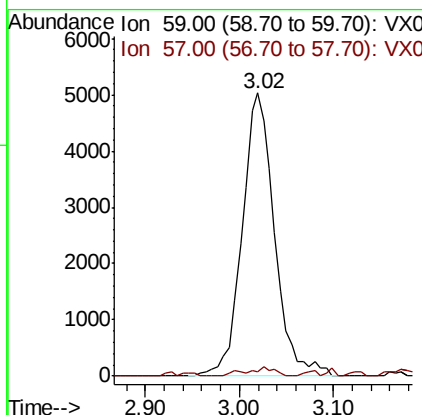
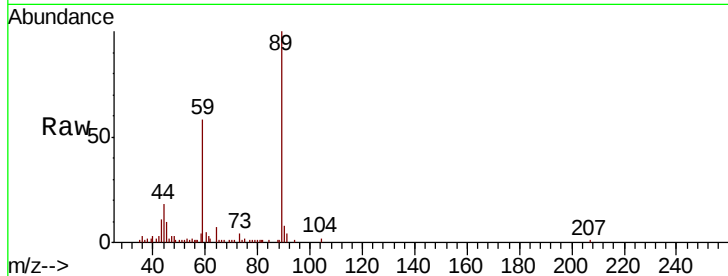




#11
 Tert butyl alcohol
 Concen: 12.755 ug/l
 RT: 3.02 min Scan# 306
 Delta R.T. -0.06 min
 Lab File: VX004792.D
 Acq: 28 Sep 2018 00:10

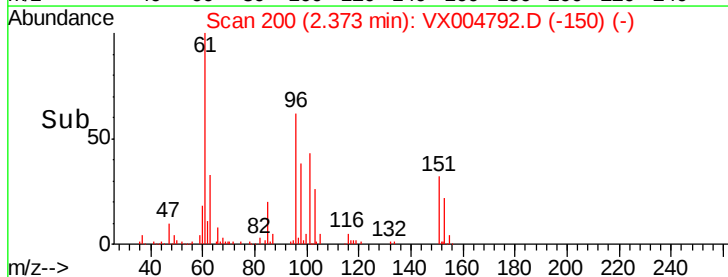
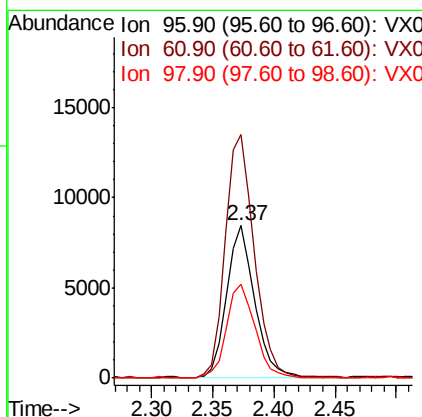
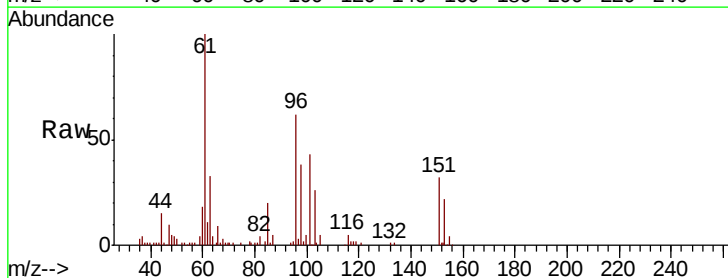
Instrument :
 MSVOA_X
 ClientSampleId :
 DMW-29A-SEP18

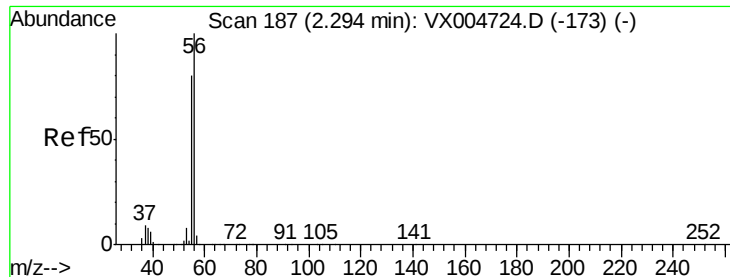
Tot Ion: 59 Resp: 12059
 Ion Ratio Lower Upper
 59 100
 57 2.8 8.2 12.4#



#12
 1,1-Dichloroethene
 Concen: 5.253 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.01 min
 Lab File: VX004792.D
 Acq: 28 Sep 2018 00:10

Tgt Ion: 96 Resp: 13472
 Ion Ratio Lower Upper
 96 100
 61 160.0 128.8 193.2
 98 61.4 52.2 78.2





#13

Acrolein

Concen: 0.336 ug/l

RT: 2.28 min Scan# 184

Delta R.T. -0.02 min

Lab File: VX004792.D

Acq: 28 Sep 2018 00:10

Instrument :

MSVOA_X

ClientSampleId :

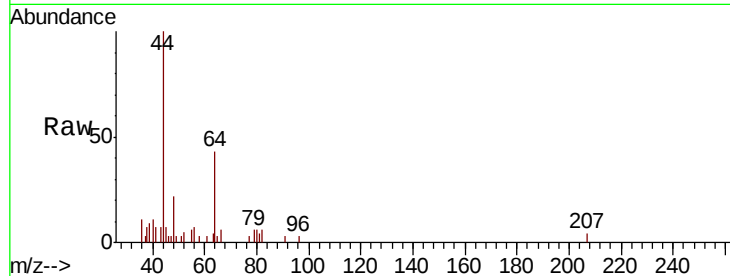
DMW-29A-SEP18

Tot Ion: 56 Resp: 226

Ion Ratio Lower Upper

56 100

55 162.8 54.7 82.1#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.28

150

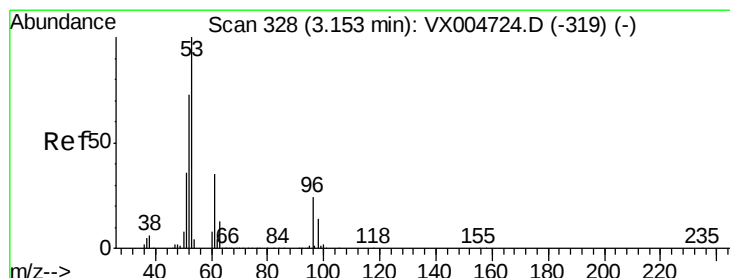
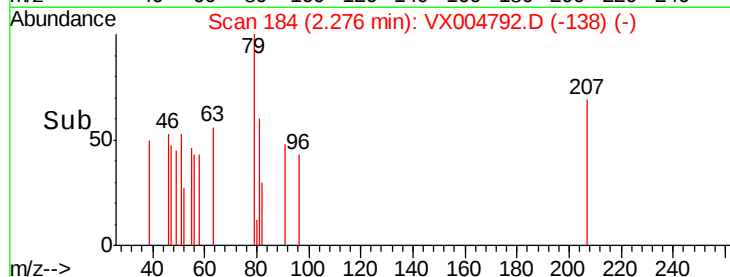
100

50

0

2.26 2.28 2.30 2.32

Time-->



#15

Acrylonitrile

Concen: 0.227 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX004792.D

Acq: 28 Sep 2018 00:10

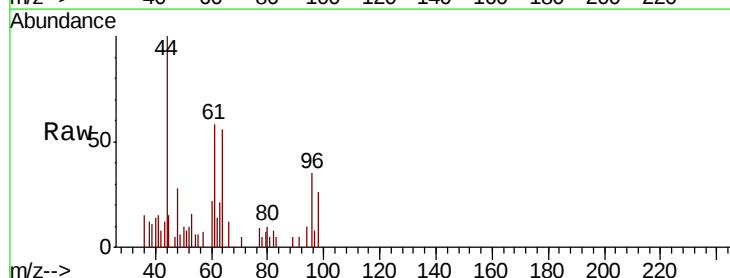
Tgt Ion: 53 Resp: 473

Ion Ratio Lower Upper

53 100

52 149.3 65.2 97.8#

51 24.7 28.2 42.2#



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

250

200

150

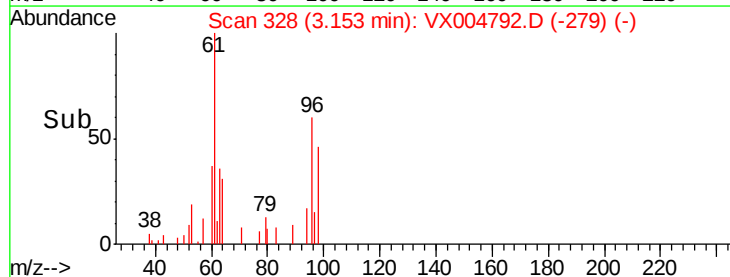
100

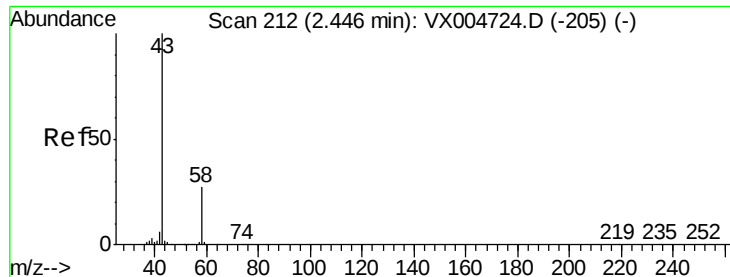
50

0

3.10 3.15

Time-->





#16

Acetone

Concen: 0.577 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX004792.D

Acq: 28 Sep 2018 00:10

Instrument :

MSVOA_X

ClientSampleId :

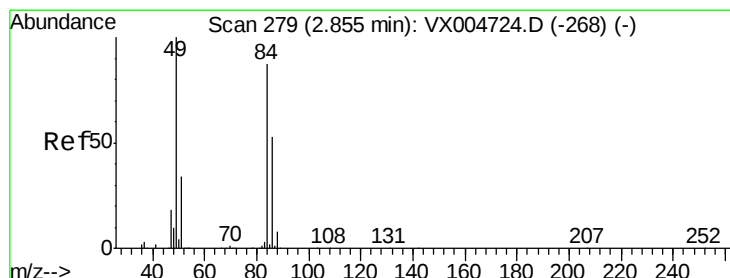
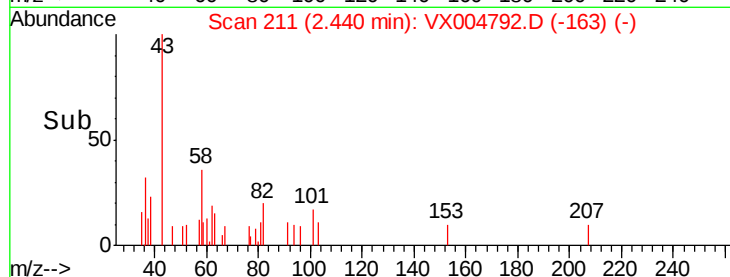
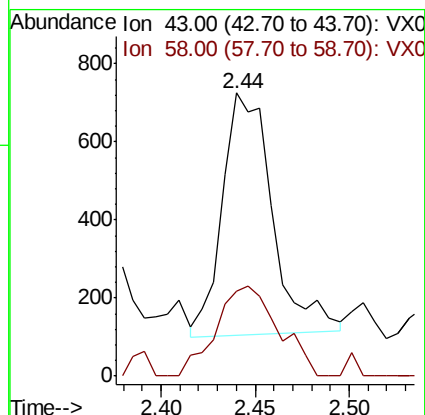
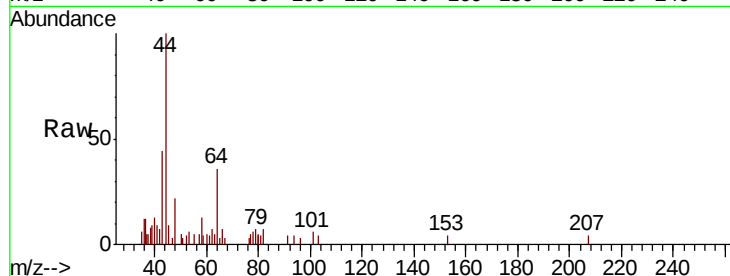
DMW-29A-SEP18

Tot Ion: 43 Resp: 1139

Ion Ratio Lower Upper

43 100

58 47.3 26.2 39.4#



#20

Methylene Chloride

Concen: Below Cal

RT: 2.86 min Scan# 280

Delta R.T. 0.01 min

Lab File: VX004792.D

Acq: 28 Sep 2018 00:10

Tgt Ion: 84 Resp: 708

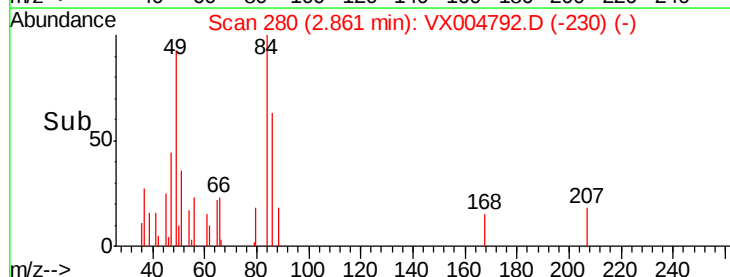
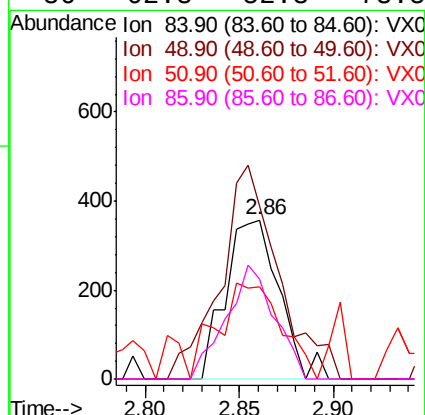
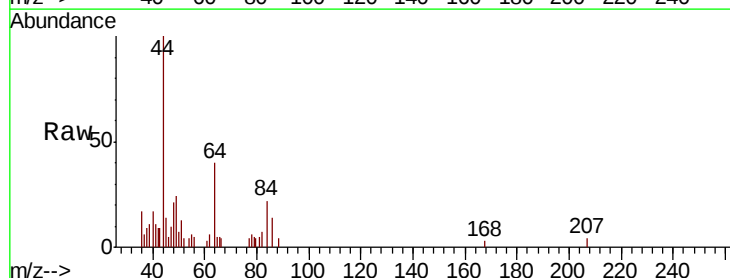
Ion Ratio Lower Upper

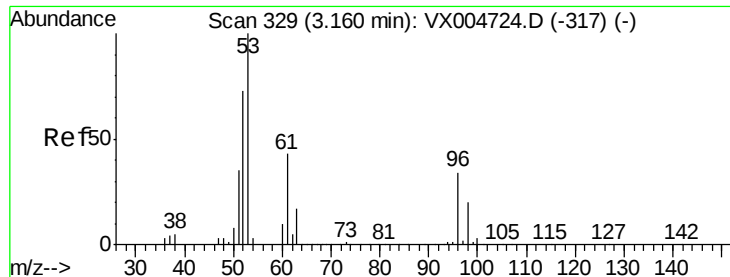
84 100

49 108.4 101.2 151.8

51 58.1 29.5 44.3#

86 62.8 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 0.430 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX004792.D

Acq: 28 Sep 2018 00:10

Instrument :

MSVOA_X

ClientSampleId :

DMW-29A-SEP18

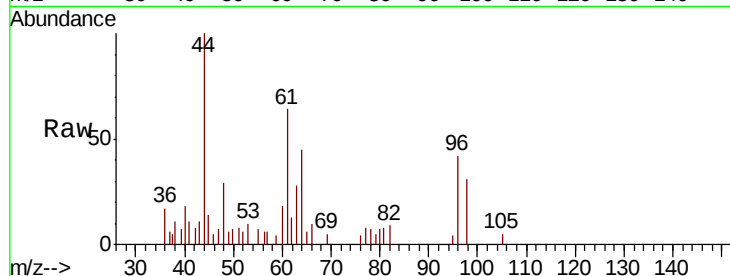
Tot Ion: 96 Resp: 1208

Ion Ratio Lower Upper

96 100

61 140.8 113.8 170.6

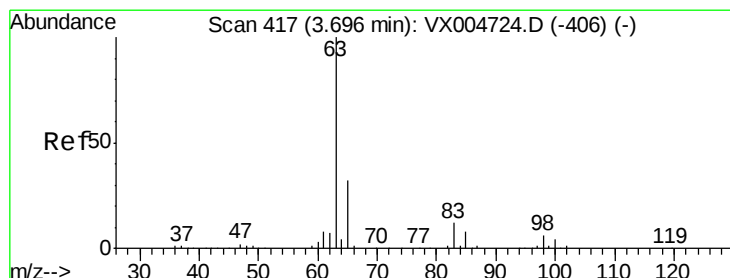
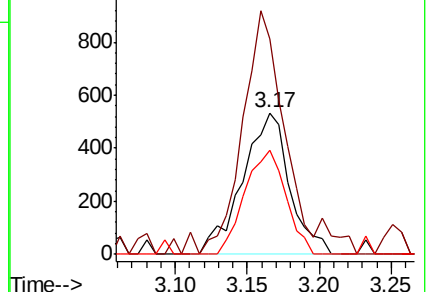
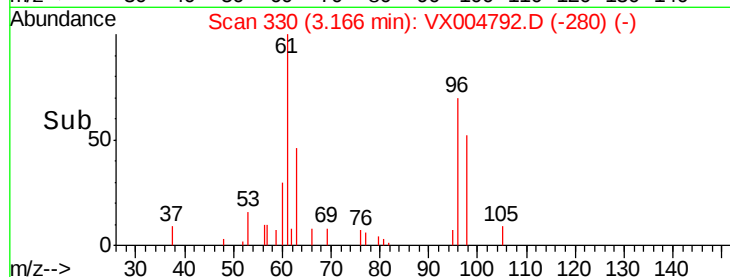
98 74.1 51.8 77.8



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



#24

1,1-Dichloroethane

Concen: 2.367 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX004792.D

Acq: 28 Sep 2018 00:10

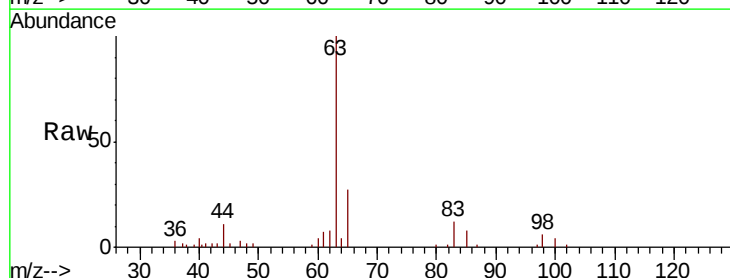
Tgt Ion: 63 Resp: 13306

Ion Ratio Lower Upper

63 100

98 6.5 3.5 10.4

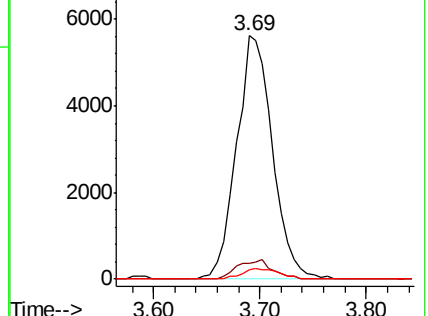
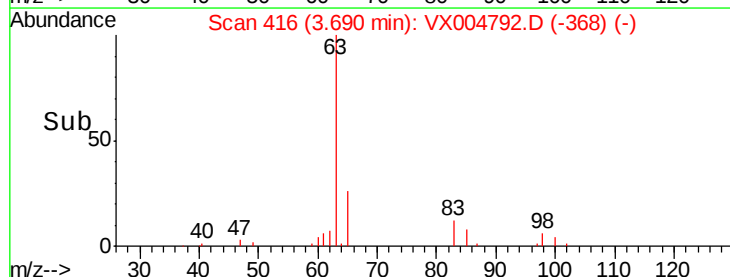
100 4.0 2.4 7.1

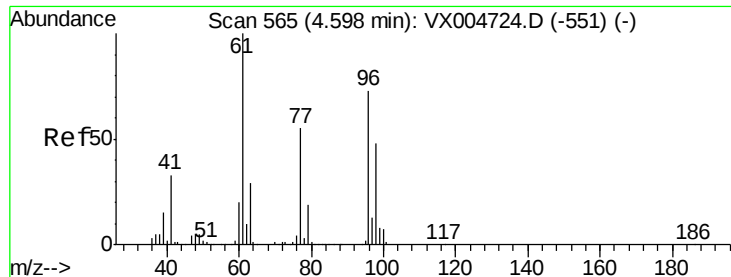


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



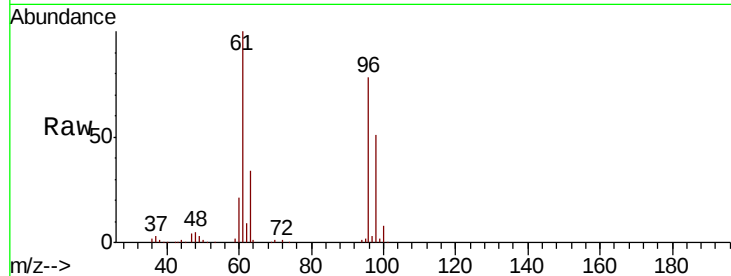


#27

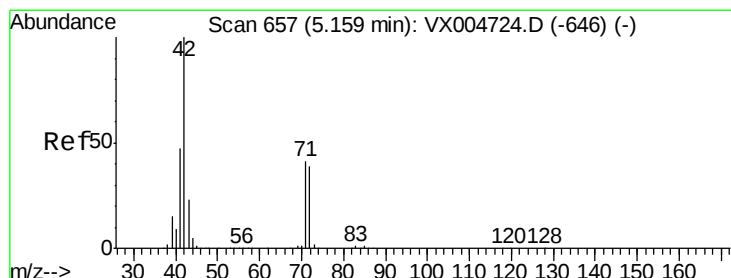
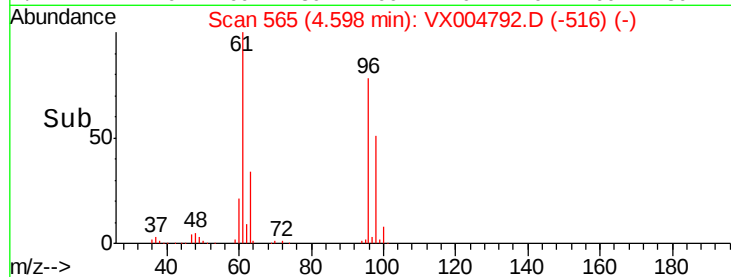
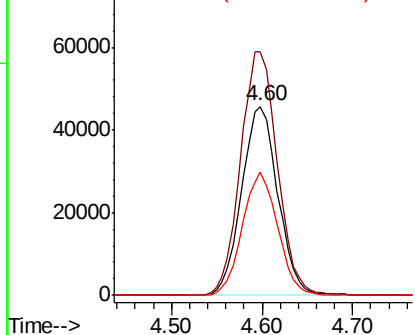
cis-1,2-Dichloroethene
Concen: 40.276 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX004792.D
Acq: 28 Sep 2018 00:10

Instrument :
MSVOA_X
ClientSampleId :
DMW-29A-SEP18

Tot Ion	Ratio	Lower	Upper
96	100		
61	131.6	0.0	282.6
98	63.6	0.0	130.2



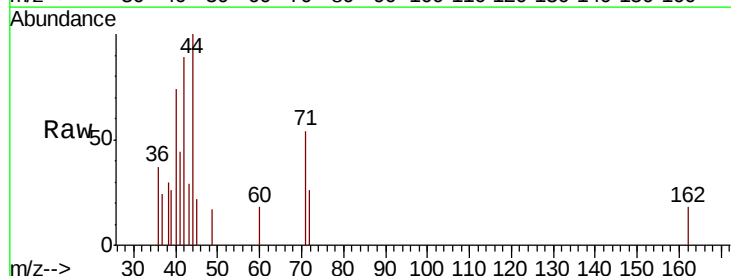
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



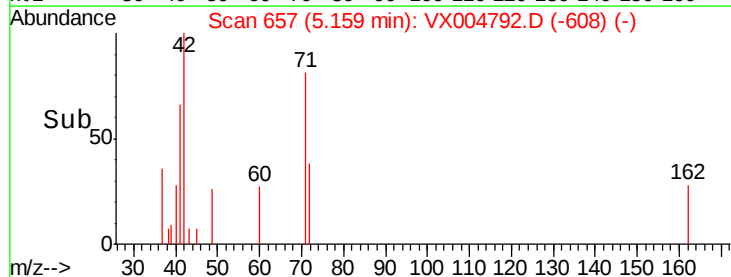
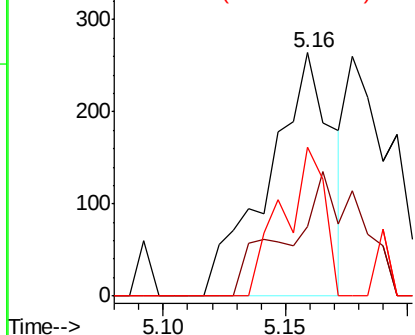
#29

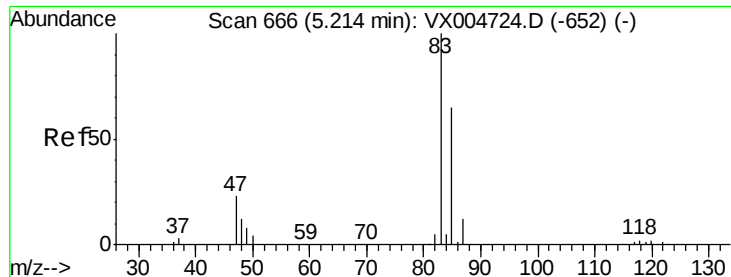
Tetrahydrofuran
Concen: 0.265 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.00 min
Lab File: VX004792.D
Acq: 28 Sep 2018 00:10

Tgt Ion	Ratio	Lower	Upper
42	100		
72	57.7	37.4	56.0#
71	40.2	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

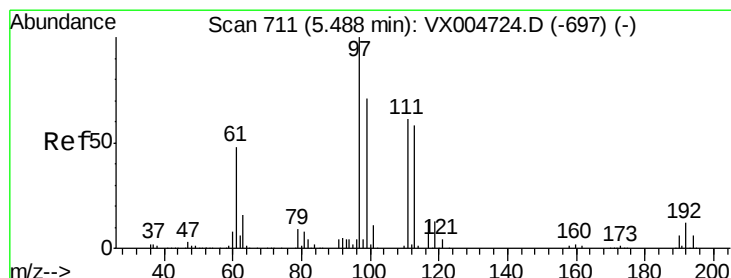
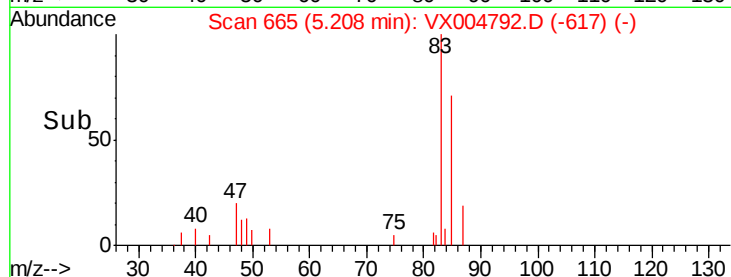
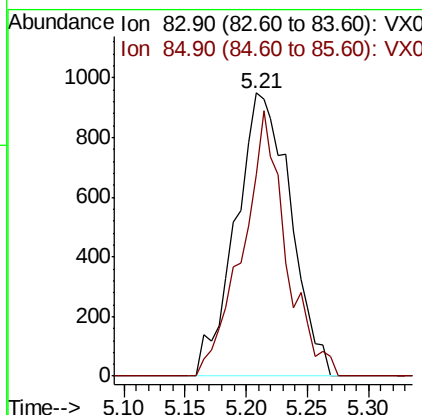
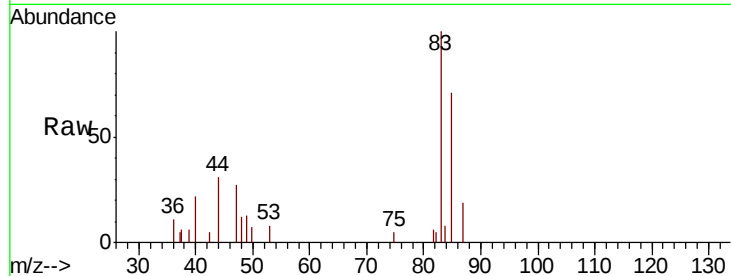




#30
Chloroform
Concen: 0.557 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX004792.D
Acq: 28 Sep 2018 00:10

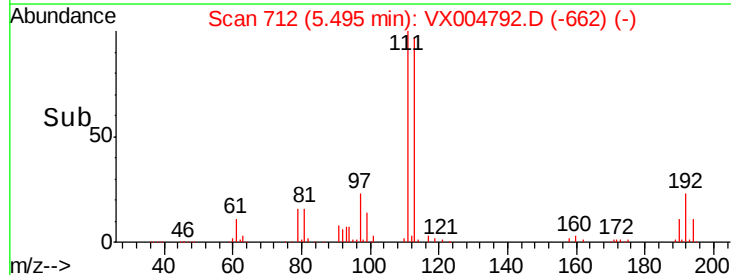
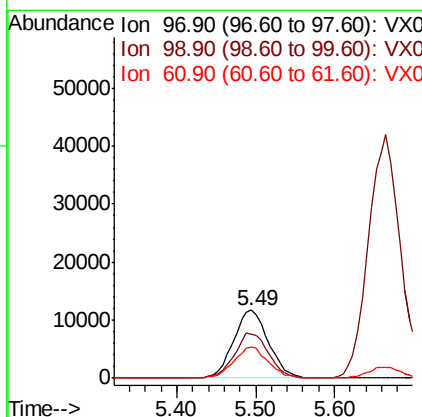
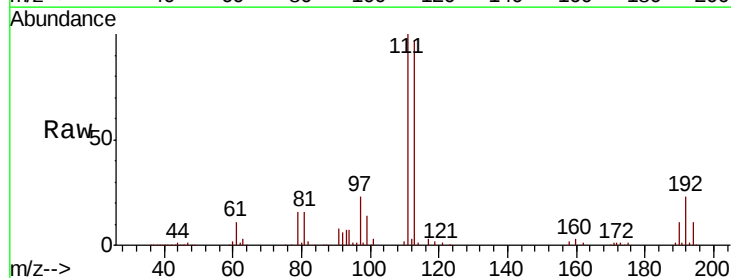
Instrument :
MSVOA_X
ClientSampleId :
DMW-29A-SEP18

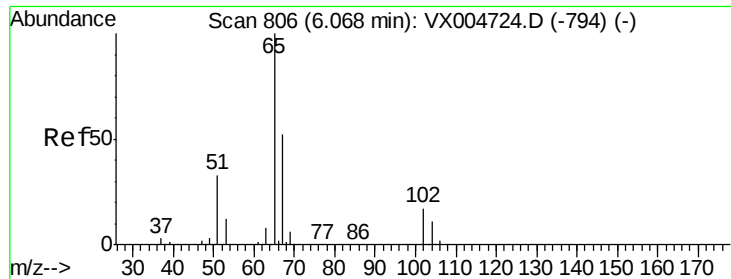
Tot Ion: 83 Resp: 2960
Ion Ratio Lower Upper
83 100
85 71.1 52.6 79.0



#32
1,1,1-Trichloroethane
Concen: 8.322 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.01 min
Lab File: VX004792.D
Acq: 28 Sep 2018 00:10

Tgt Ion: 97 Resp: 36104
Ion Ratio Lower Upper
97 100
99 65.1 52.0 78.0
61 44.9 34.9 52.3

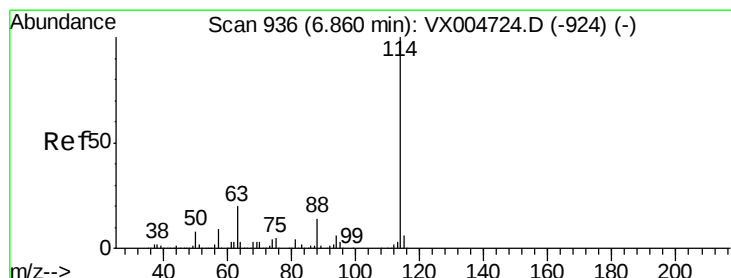
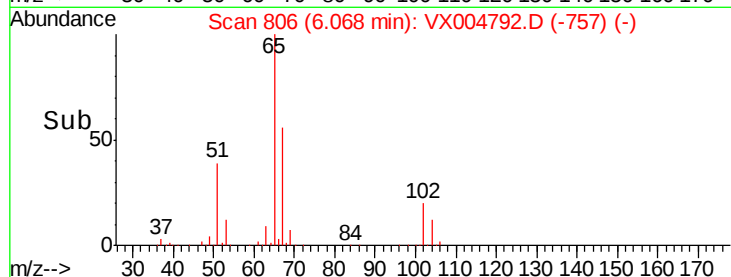
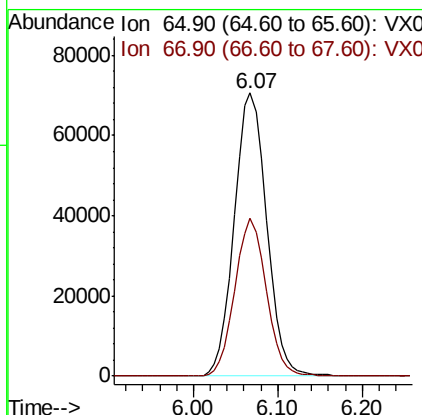
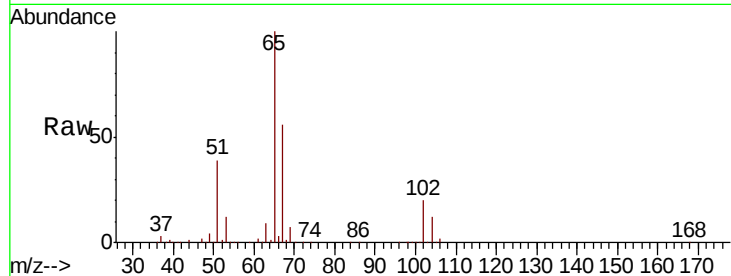




#33
 1,2-Dichloroethane-d4
 Concen: 54.322 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX004792.D
 Acq: 28 Sep 2018 00:10

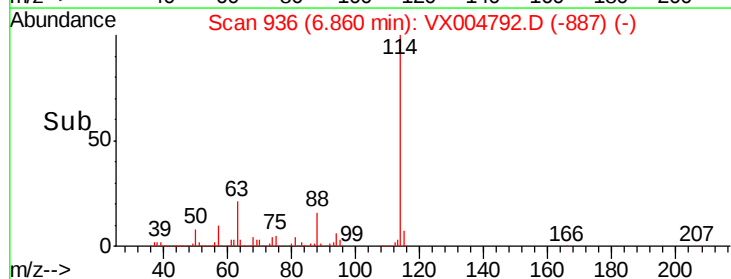
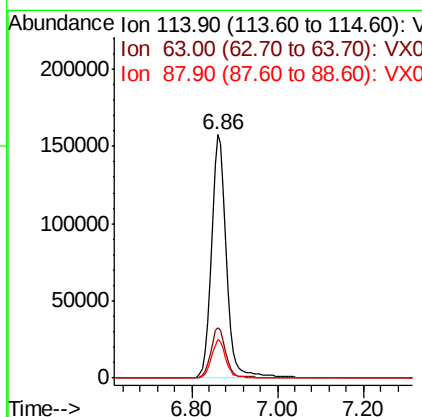
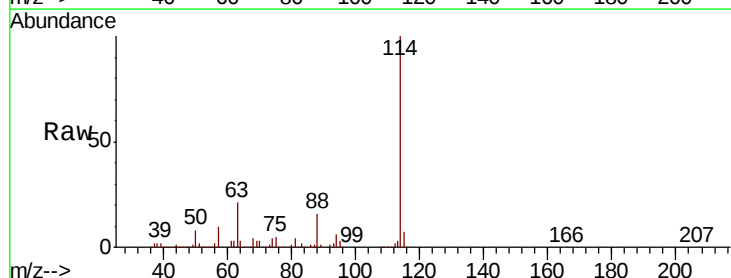
Instrument :
 MSVOA_X
 ClientSampleId :
 DMW-29A-SEP18

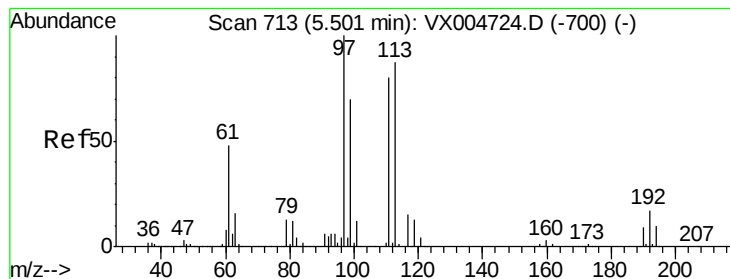
Tot Ion: 65 Resp: 183679
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX004792.D
 Acq: 28 Sep 2018 00:10

Tgt Ion: 114 Resp: 389094
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 39.0
 88 16.1 0.0 30.4





#35

Dibromofluoromethane

Concen: 47.340 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX004792.D

Acq: 28 Sep 2018 00:10

Instrument :

MSVOA_X

ClientSampleId :

DMW-29A-SEP18

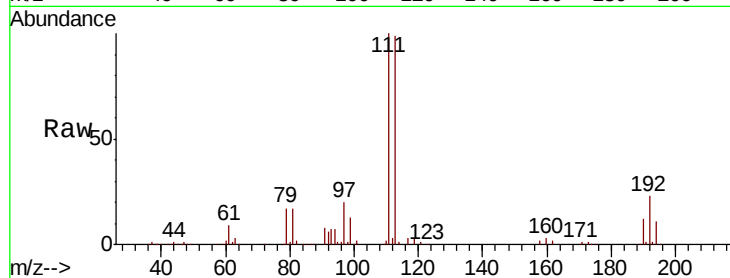
Tot Ion:113 Resp: 156108

Ion Ratio Lower Upper

113 100

111 102.2 82.4 123.6

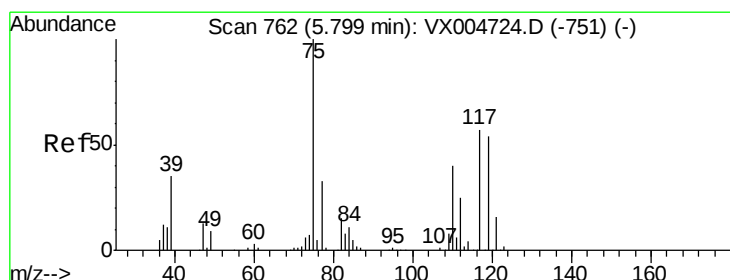
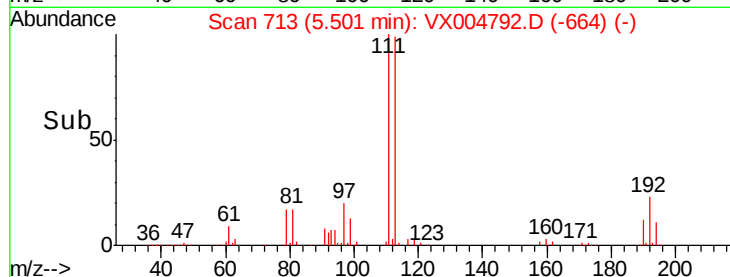
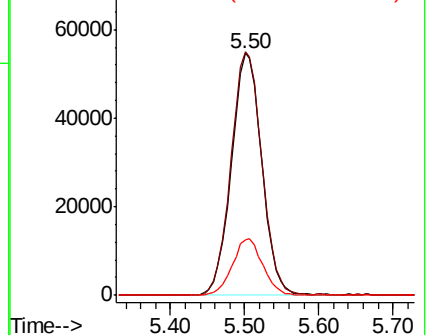
192 23.4 19.4 29.2



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: 3.729 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX004792.D

Acq: 28 Sep 2018 00:10

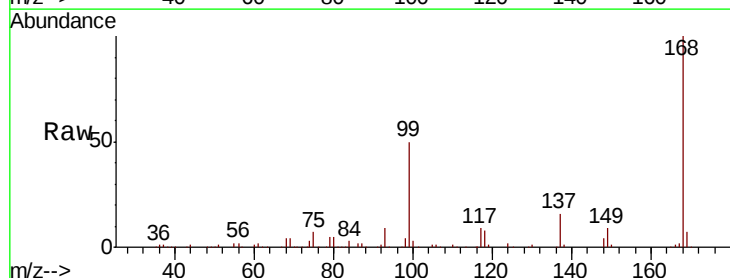
Tgt Ion: 75 Resp: 16778

Ion Ratio Lower Upper

75 100

110 9.5 18.0 54.0#

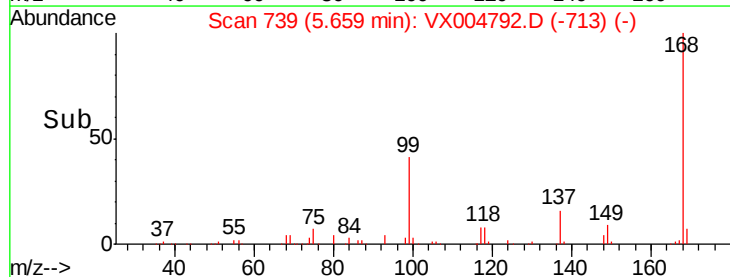
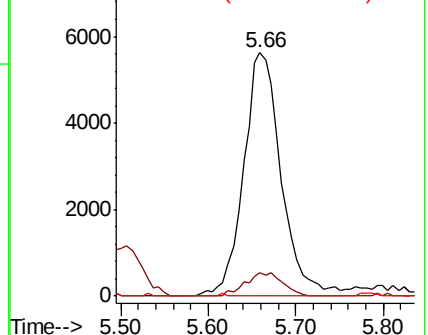
77 0.0 24.6 36.8#

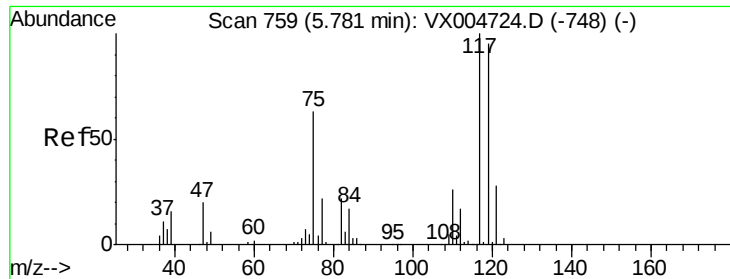


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 4.422 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX004792.D

Acq: 28 Sep 2018 00:10

Instrument :

MSVOA_X

ClientSampleId :

DMW-29A-SEP18

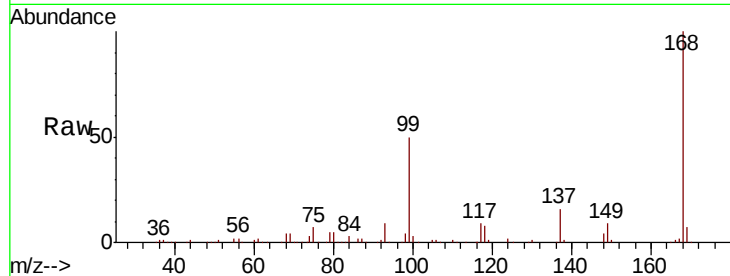
Tot Ion:117 Resp: 20915

Ion Ratio Lower Upper

117 100

119 5.9 78.8 118.2#

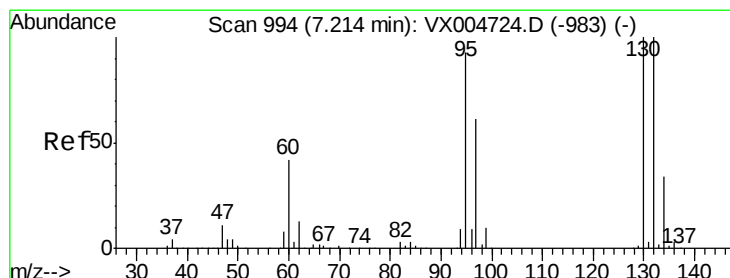
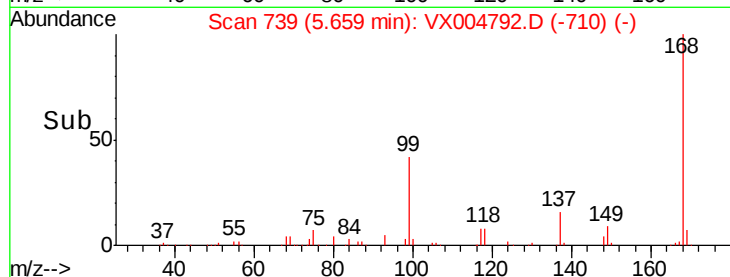
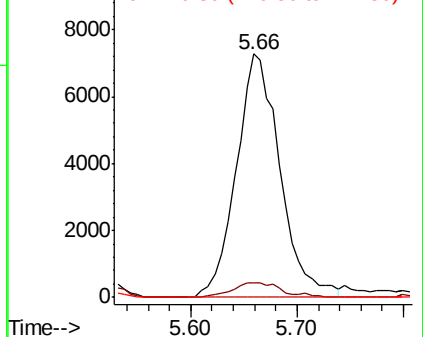
121 0.0 24.9 37.3#



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



#44

Trichloroethene

Concen: 69.658 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX004792.D

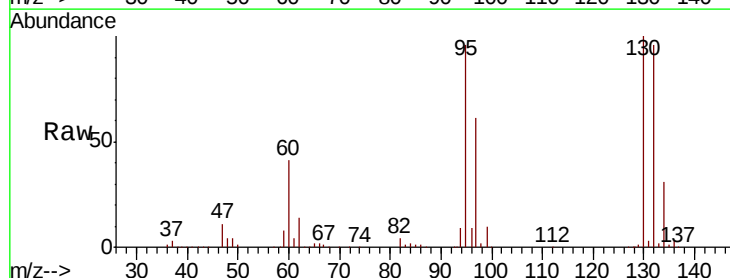
Acq: 28 Sep 2018 00:10

Tgt Ion:130 Resp: 241204

Ion Ratio Lower Upper

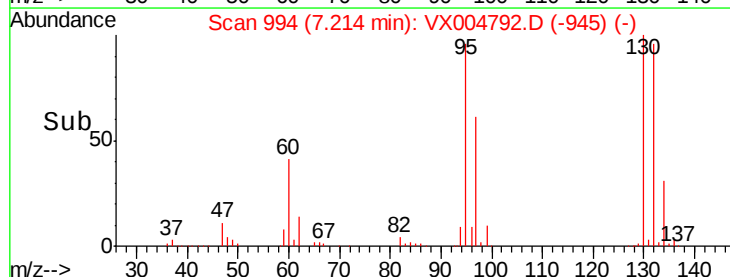
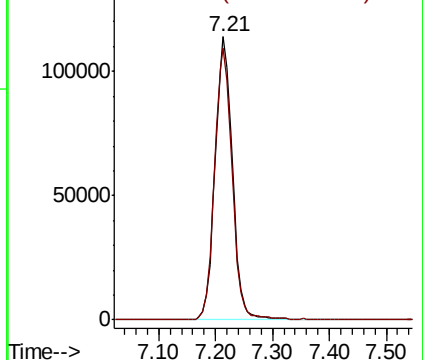
130 100

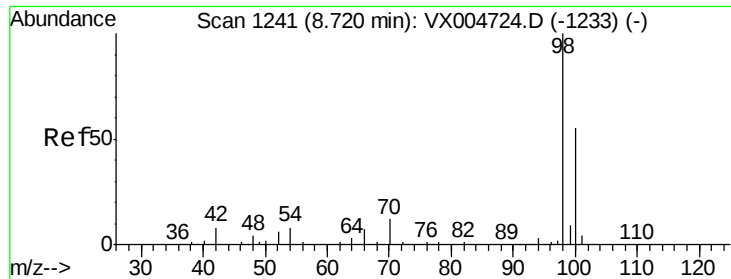
95 96.0 0.0 181.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 52.100 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. 0.00 min

Lab File: VX004792.D

Acq: 28 Sep 2018 00:10

Instrument :

MSVOA_X

ClientSampleId :

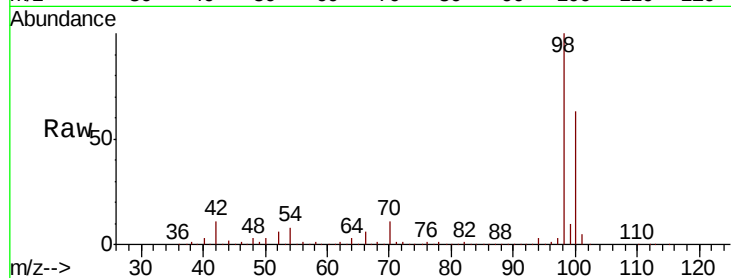
DMW-29A-SEP18

Tot Ion: 98 Resp: 571171

Ion Ratio Lower Upper

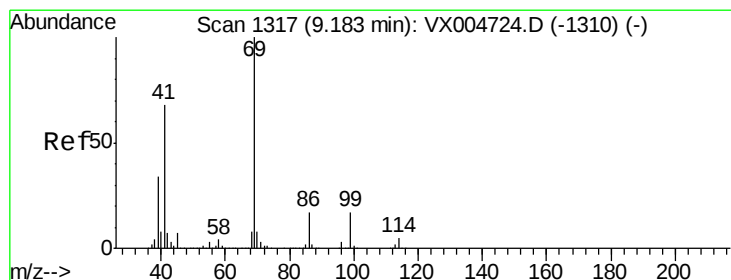
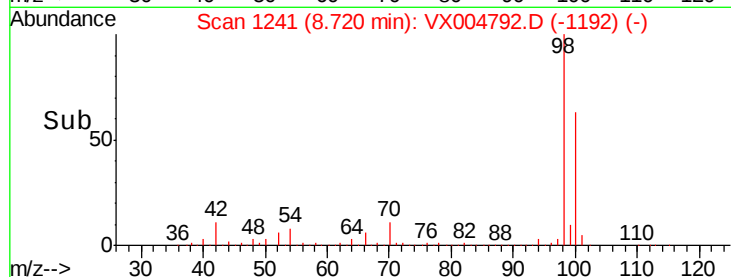
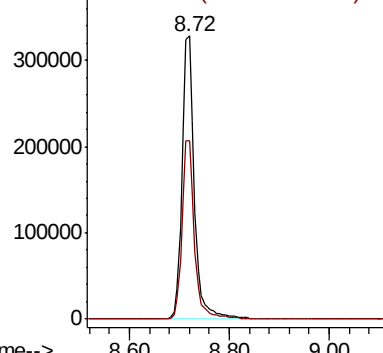
98 100

100 63.4 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#56

Ethyl methacrylate

Concen: 2.865 ug/l

RT: 9.24 min Scan# 1327

Delta R.T. 0.06 min

Lab File: VX004792.D

Acq: 28 Sep 2018 00:10

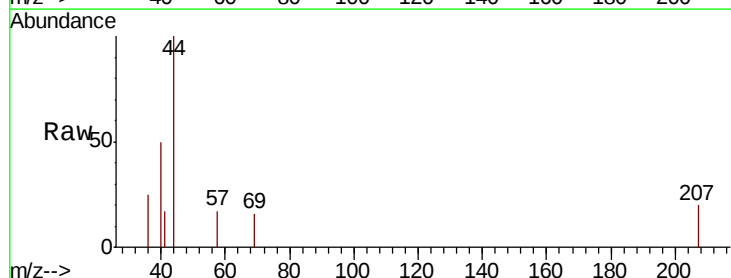
Tgt Ion: 69 Resp: 19

Ion Ratio Lower Upper

69 100

41 0.0 51.0 76.4#

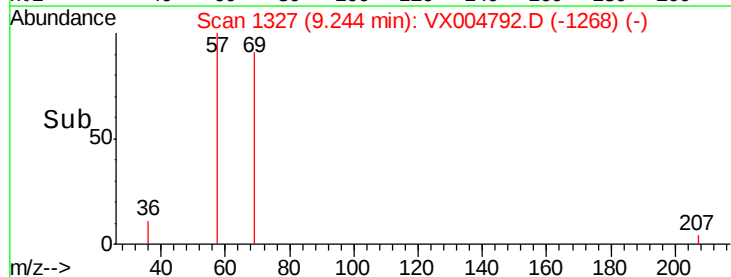
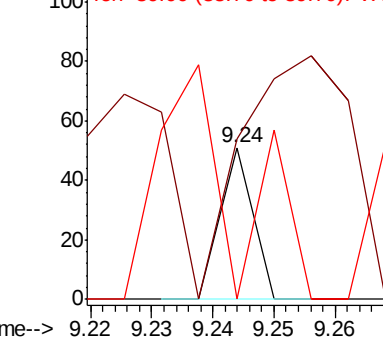
39 373.7 26.1 39.1#

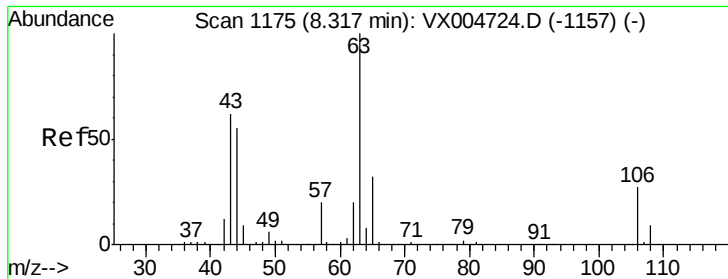


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

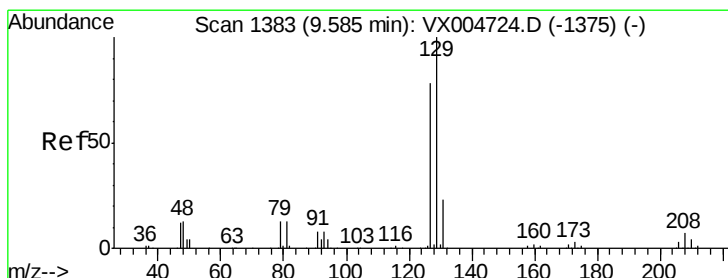
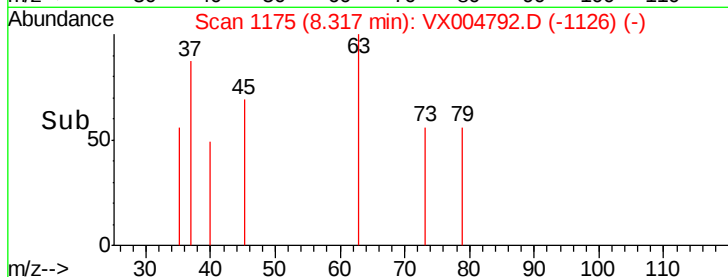
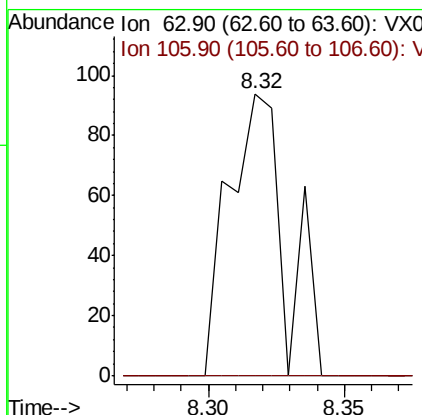
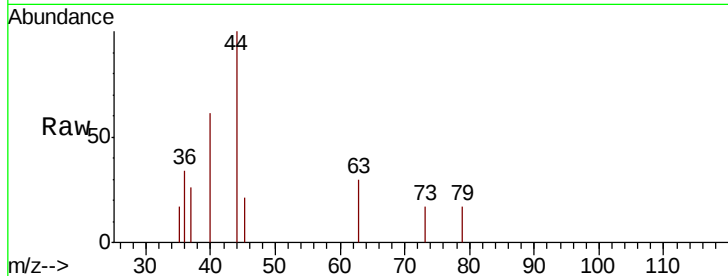




#58
 2-Chloroethyl Vinyl ether
 Concen: 14.286 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: VX004792.D
 Acq: 28 Sep 2018 00:10

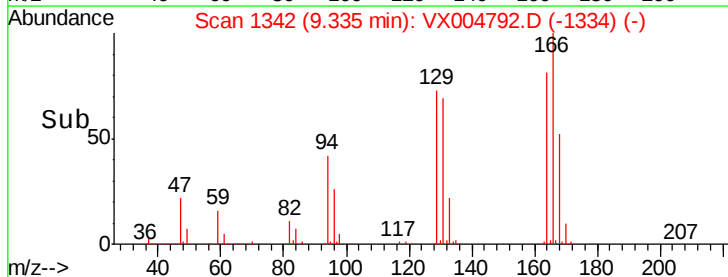
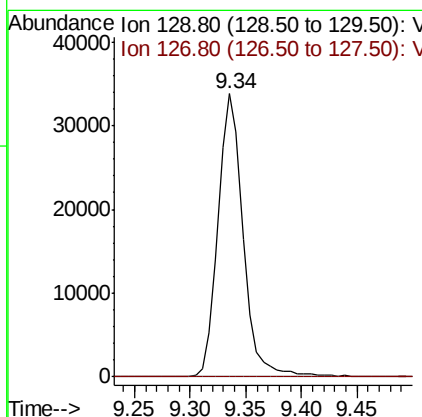
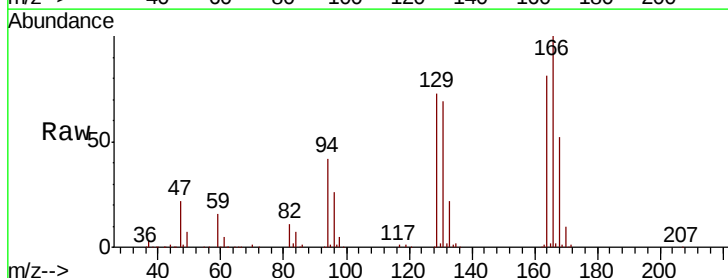
Instrument :
 MSVOA_X
 ClientSampleId :
 DMW-29A-SEP18

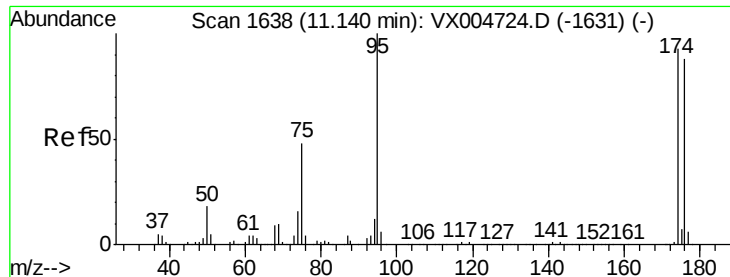
Tot Ion: 63 Resp: 136
 Ion Ratio Lower Upper
 63 100
 106 0.0 23.9 35.9#



#60
 Dibromochloromethane
 Concen: 15.487 ug/l
 RT: 9.34 min Scan# 1342
 Delta R.T. -0.25 min
 Lab File: VX004792.D
 Acq: 28 Sep 2018 00:10

Tgt Ion: 129 Resp: 52511
 Ion Ratio Lower Upper
 129 100
 127 0.0 38.5 115.5#

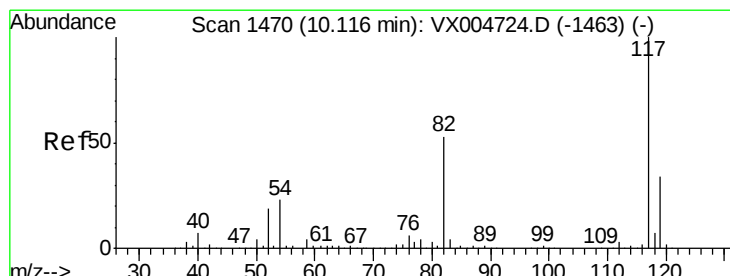
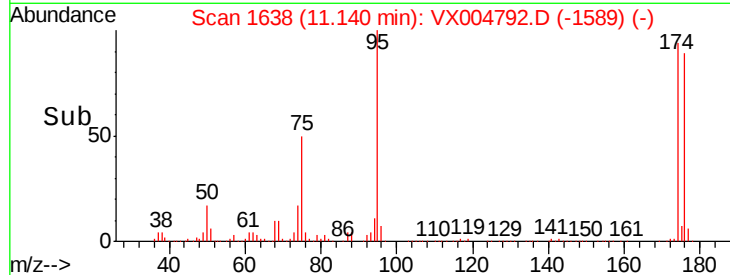
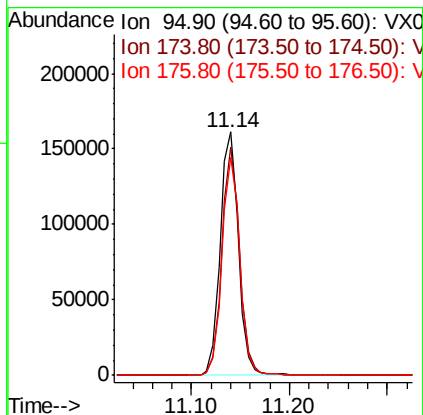
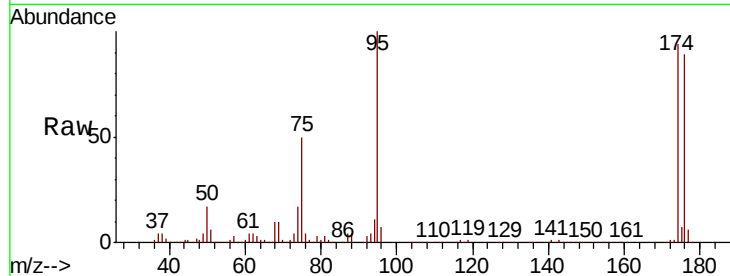




#62
4-Bromofluorobenzene
Concen: 52.799 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX004792.D
Acq: 28 Sep 2018 00:10

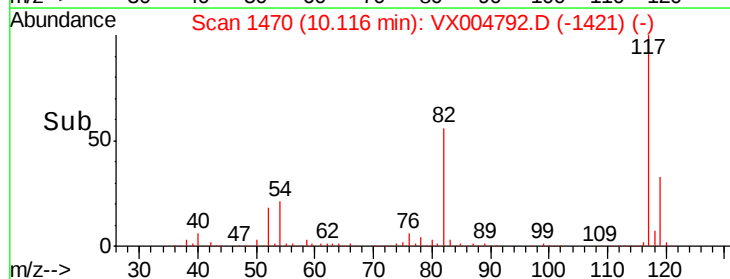
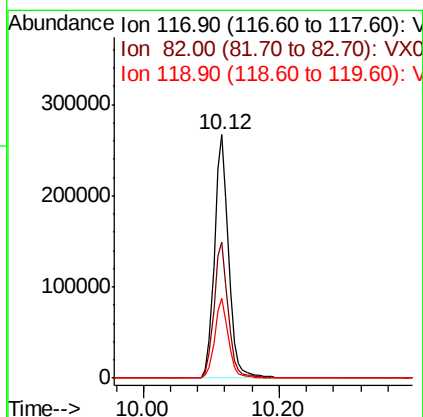
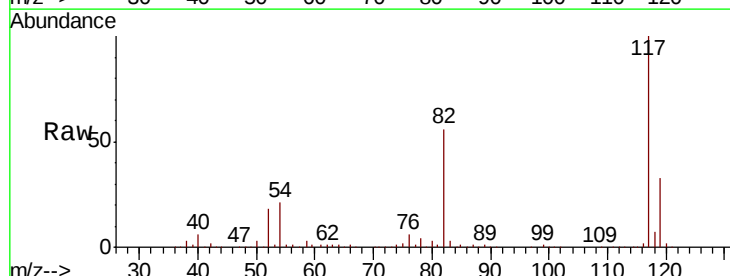
Instrument :
MSVOA_X
ClientSampleId :
DMW-29A-SEP18

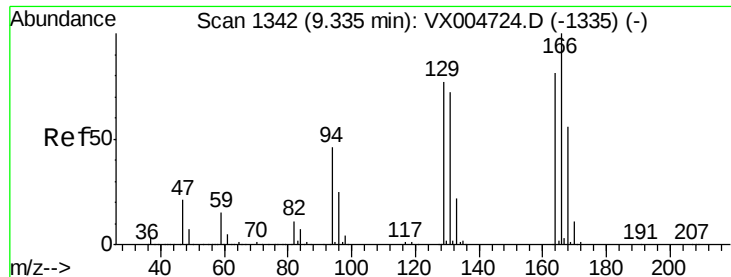
Tot Ion: 95 Resp: 208529
Ion Ratio Lower Upper
95 100
174 91.4 0.0 185.2
176 87.9 0.0 178.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004792.D
Acq: 28 Sep 2018 00:10

Tgt Ion: 117 Resp: 384355
Ion Ratio Lower Upper
117 100
82 55.8 47.8 71.6
119 32.7 29.3 43.9

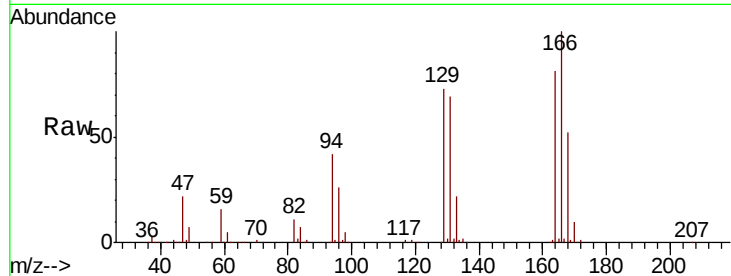




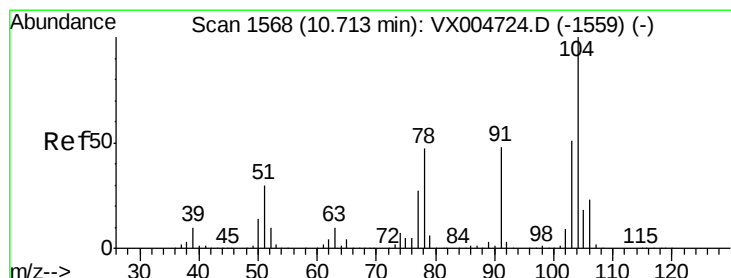
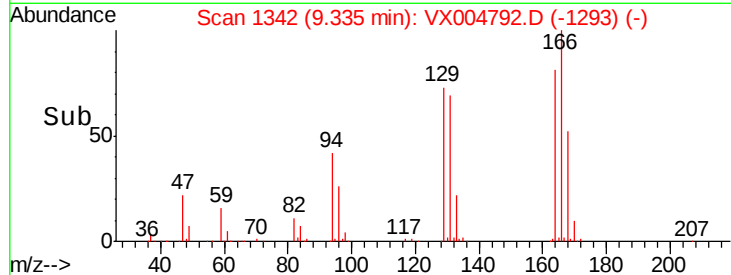
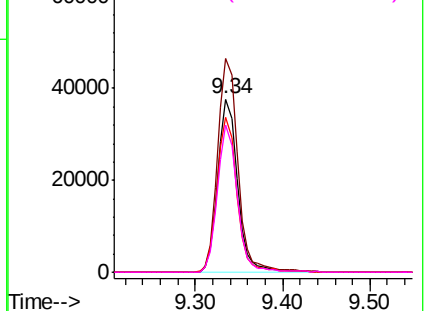
#64
Tetrachloroethene
Concen: 15.682 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX004792.D
Acq: 28 Sep 2018 00:10

Instrument :
MSVOA_X
ClientSampleId :
DMW-29A-SEP18

Tot Ion:164 Resp: 59325
Ion Ratio Lower Upper
164 100
166 123.3 102.8 154.2
129 89.7 69.4 104.0
131 85.1 67.9 101.9

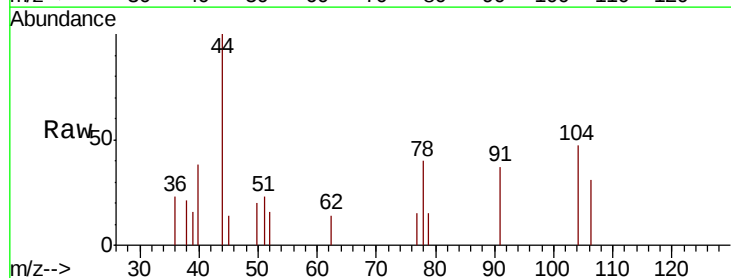


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

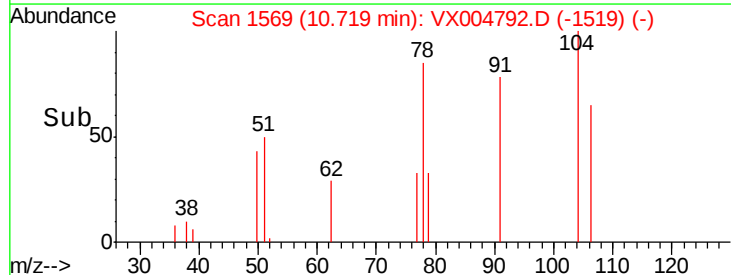
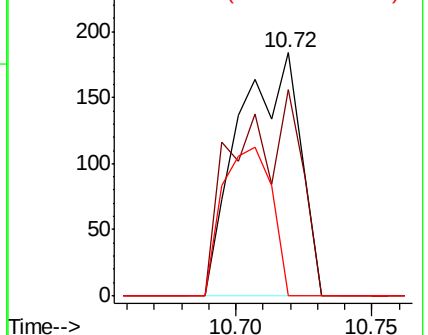


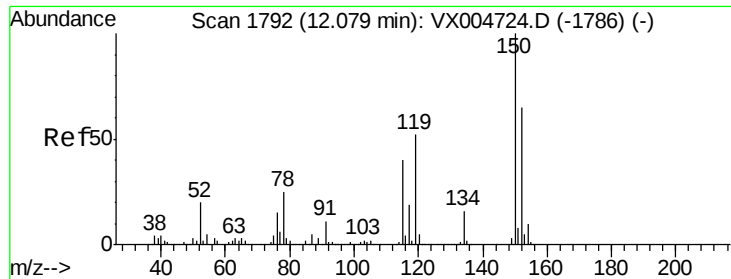
#70
Styrene
Concen: 2.167 ug/l
RT: 10.72 min Scan# 1569
Delta R.T. 0.01 min
Lab File: VX004792.D
Acq: 28 Sep 2018 00:10

Tgt Ion:104 Resp: 286
Ion Ratio Lower Upper
104 100
78 87.8 37.4 56.0#
103 49.0 43.8 65.6



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX004792.D

Acq: 28 Sep 2018 00:10

Instrument :

MSVOA_X

ClientSampleId :

DMW-29A-SEP18

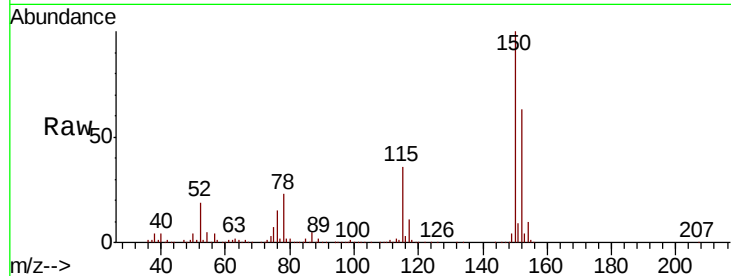
Tot Ion:152 Resp: 217476

Ion Ratio Lower Upper

152 100

115 56.2 39.0 117.0

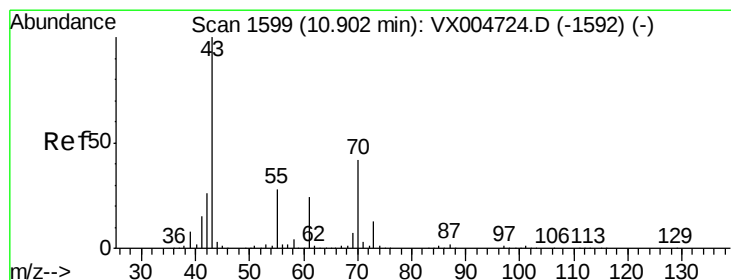
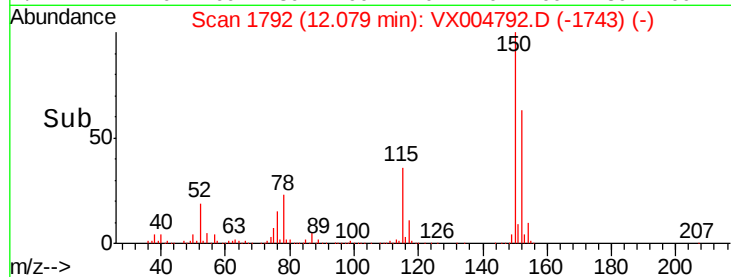
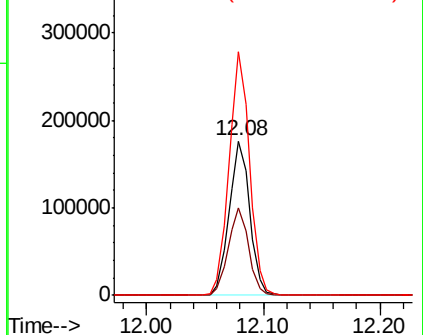
150 156.4 0.0 351.0



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: 1.767 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.00 min

Lab File: VX004792.D

Acq: 28 Sep 2018 00:10

Tgt Ion: 43 Resp: 149

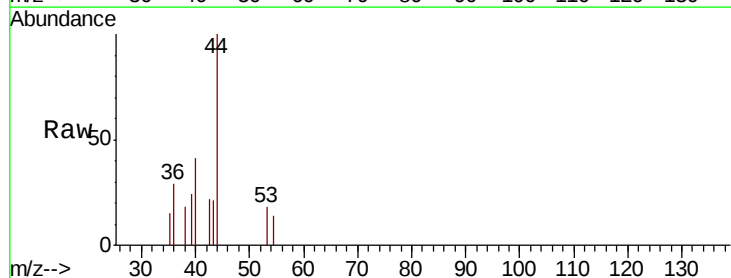
Ion Ratio Lower Upper

43 100

70 0.0 37.4 56.0#

55 29.5 21.8 32.8

61 0.0 20.6 30.8#

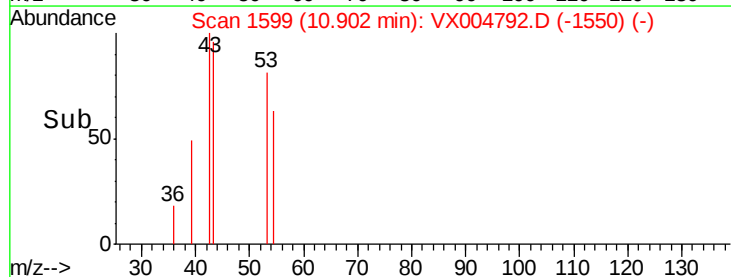
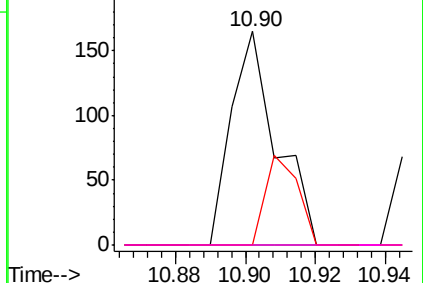


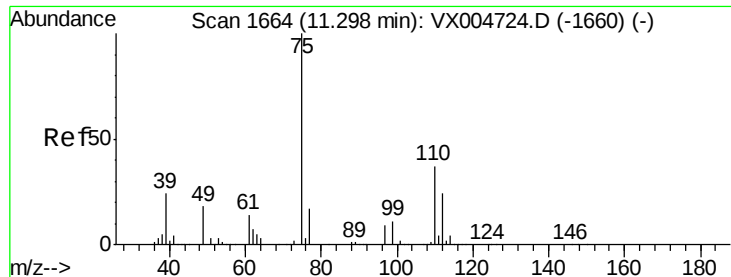
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 21.643 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX004792.D

Acq: 28 Sep 2018 00:10

Instrument :

MSVOA_X

ClientSampleId :

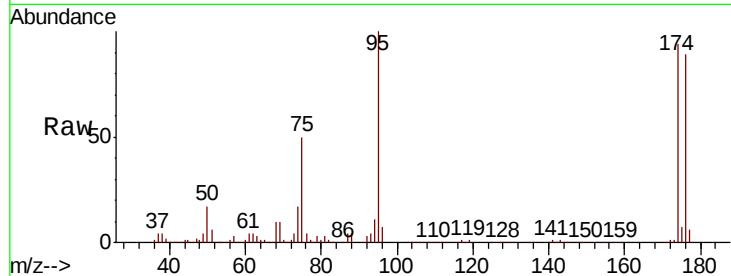
DMW-29A-SEP18

Tot Ion: 75 Resp: 105499

Ion Ratio Lower Upper

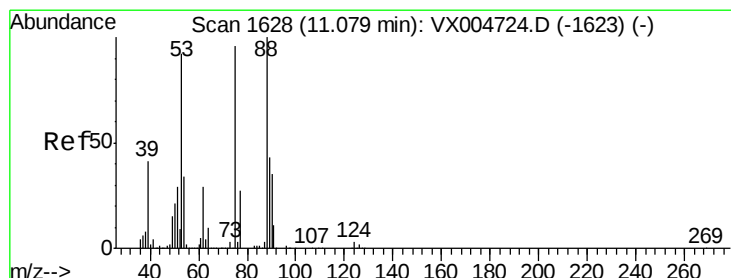
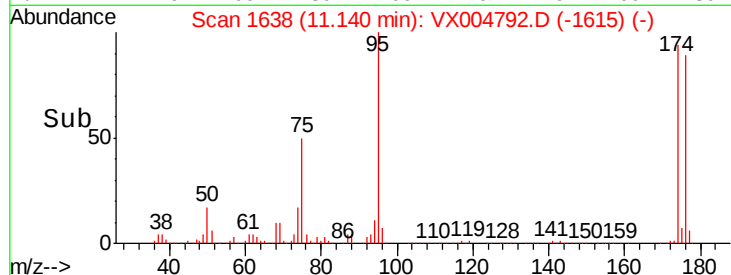
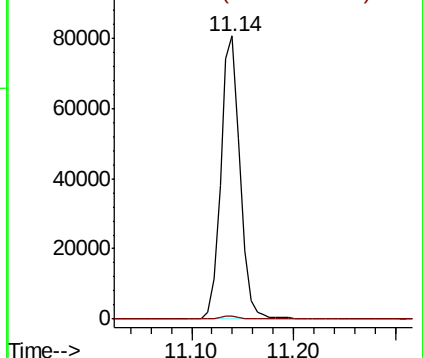
75 100

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: 58.671 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.06 min

Lab File: VX004792.D

Acq: 28 Sep 2018 00:10

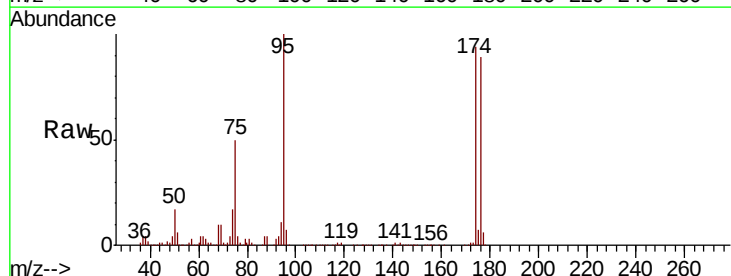
Tgt Ion: 75 Resp: 105499

Ion Ratio Lower Upper

75 100

53 0.3 80.1 120.1#

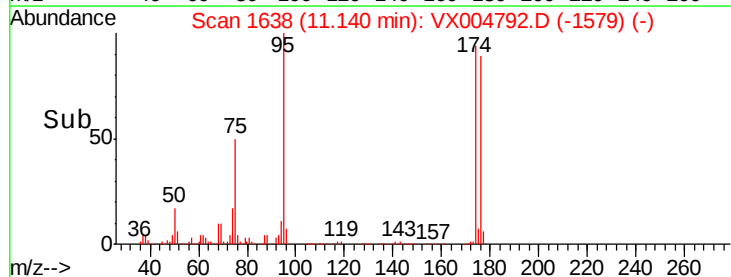
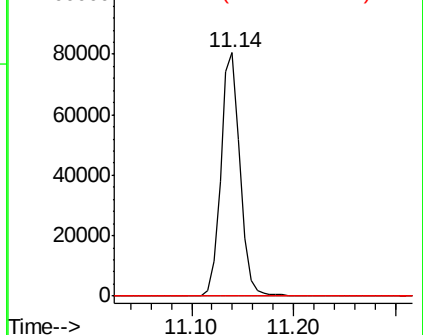
89 0.0 37.2 55.8#

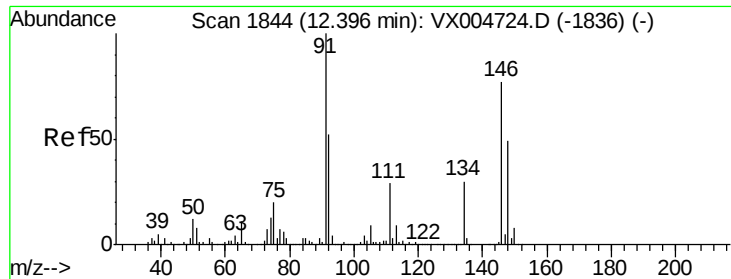


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

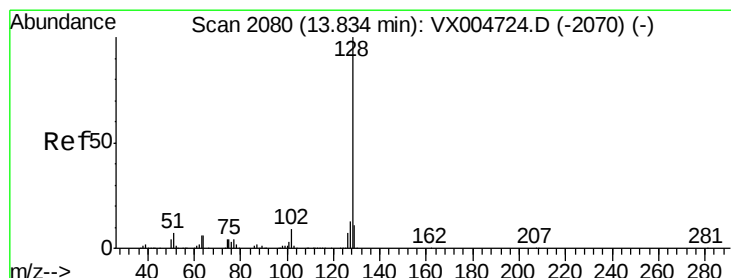
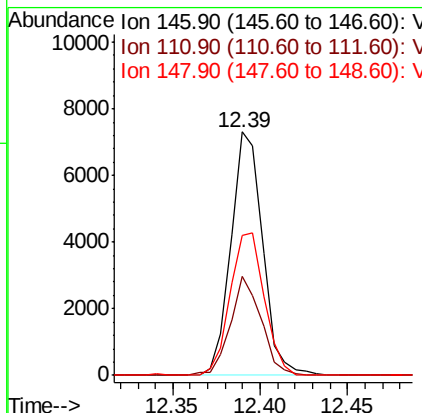
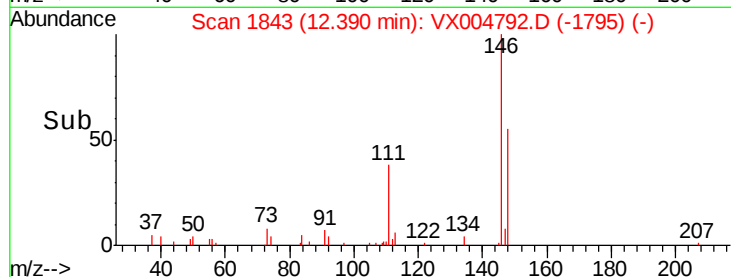
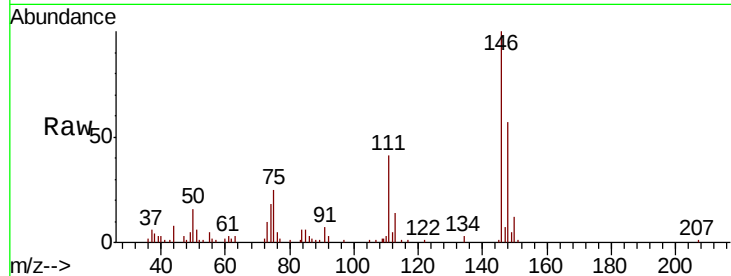




#91
 1,2-Dichlorobenzene
 Concen: 1.183 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: VX004792.D
 Acq: 28 Sep 2018 00:10

Instrument :
 MSVOA_X
 ClientSampleId :
 DMW-29A-SEP18

Tot Ion:146 Resp: 9195
 Ion Ratio Lower Upper
 146 100
 111 39.5 19.4 58.1
 148 63.0 32.8 98.3



#95
 Naphthalene
 Concen: 1.488 ug/l
 RT: 13.83 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX004792.D
 Acq: 28 Sep 2018 00:10

Tgt Ion:128 Resp: 14097
 Ion Ratio Lower Upper
 128 100
 127 13.7 10.2 15.2
 129 11.1 8.6 12.8

