

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100118\
 Data File : VX004888.D
 Acq On : 01 Oct 2018 23:57
 Operator : JC/MD
 Sample : J5135-20
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW508-4246

Quant Time: Oct 02 03:36:52 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

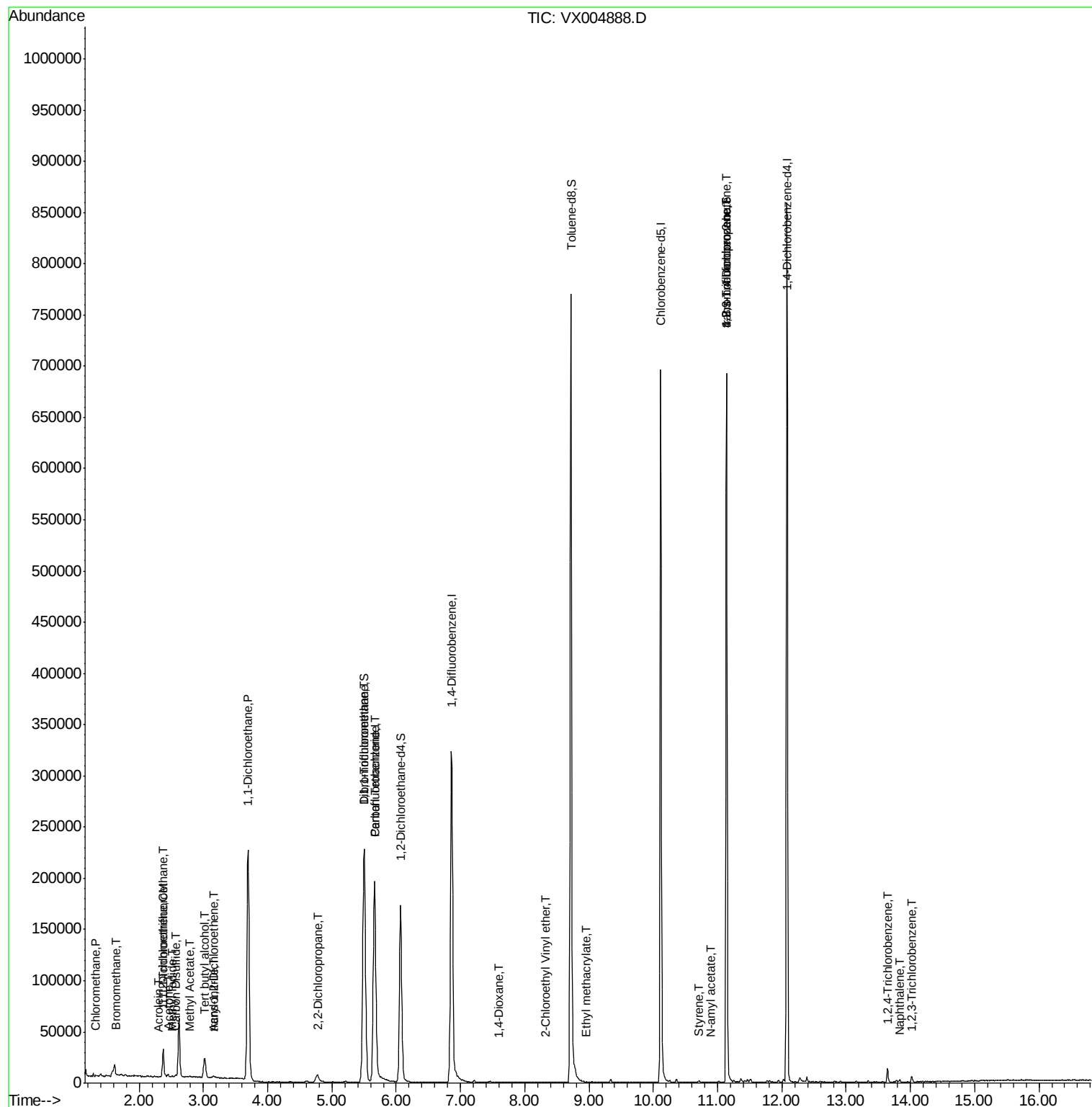
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	202488	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	336000	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	333378	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	177910	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	162677	56.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.48%	
35) Dibromofluoromethane	5.50	113	138865	48.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.52%	
50) Toluene-d8	8.72	98	497343	52.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.06%	
62) 4-Bromofluorobenzene	11.14	95	173188	50.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.56%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.32	50	709	0.212	ug/l #	73
5) Bromomethane	1.65	94	745	0.400	ug/l	84
6) Chloroethane	1.73	64	2776	Below Cal	#	87
9) 1,1,2-Trichlorotrifluoroet	2.39	101	886	0.400	ug/l #	93
10) Methyl Iodide	2.52	142	1065	0.359	ug/l #	94
11) Tert butyl alcohol	3.02	59	11949	14.774	ug/l #	81
12) 1,1-Dichloroethene	2.37	96	8128	3.705	ug/l	90
13) Acrolein	2.30	56	251	0.436	ug/l #	48
15) Acrylonitrile	3.16	53	611	0.343	ug/l #	61
16) Acetone	2.45	43	2961	1.753	ug/l	98
17) Carbon Disulfide	2.57	76	2526	0.383	ug/l #	76
18) Methyl Acetate	2.79	43	1457	0.341	ug/l #	88
20) Methylene Chloride	2.86	84	340	Below Cal	#	61
21) trans-1,2-Dichloroethene	3.17	96	546	0.227	ug/l #	66
24) 1,1-Dichloroethane	3.70	63	265212	55.154	ug/l	98
26) 2,2-Dichloropropane	4.78	77	762	0.228	ug/l #	52
32) 1,1,1-Trichloroethane	5.49	97	68536	18.466	ug/l	98
38) Carbon Tetrachloride	5.67	117	18393	4.504	ug/l #	17
49) 1,4-Dioxane	7.60	88	49	0.584	ug/l #	24
56) Ethyl methacrylate	8.95	69	23	2.867	ug/l #	26
58) 2-Chloroethyl Vinyl ether	8.33	63	126	14.289	ug/l #	45
70) Styrene	10.71	104	376	2.180	ug/l #	66
74) N-ethyl acetate	10.90	43	127	1.768	ug/l #	40
76) 1,2,3-Trichloropropane	11.14	75	86516	21.696	ug/l #	37
80) 1,3,5-Trimethylbenzene	11.51	105	704	Below Cal		91
81) trans-1,4-Dichloro-2-buten	11.14	75	86516	58.809	ug/l #	10
84) 1,2,4-Trimethylbenzene	11.80	105	762	Below Cal		87
93) 1,2,4-Trichlorobenzene	13.65	180	3250	0.729	ug/l	98
95) Naphthalene	13.83	128	1273	0.804	ug/l	97
96) 1,2,3-Trichlorobenzene	14.02	180	1353	0.294	ug/l	93

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

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QLast Update : Wed Sep 26 14:17:02 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX004888.D

Acq: 01 Oct 2018 23:57

Instrument :

MSVOA_X

ClientSampleId :

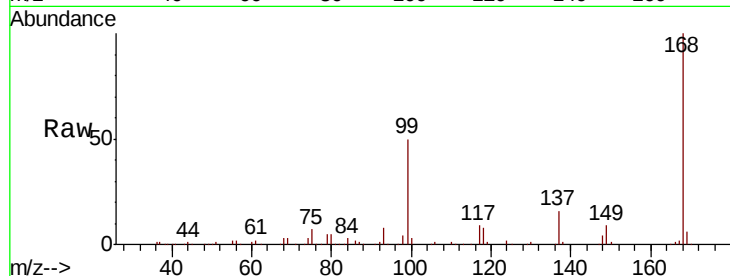
SA-TW508-4246

Tot Ion:168 Resp: 202488

Ion Ratio Lower Upper

168 100

99 50.1 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

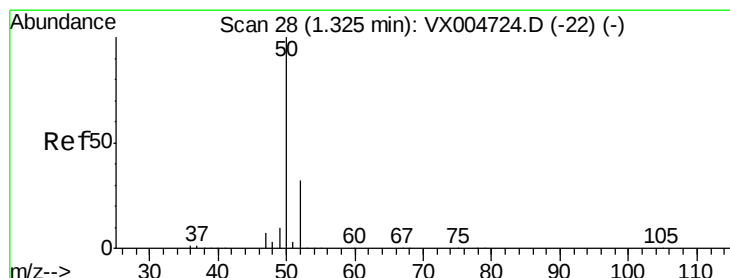
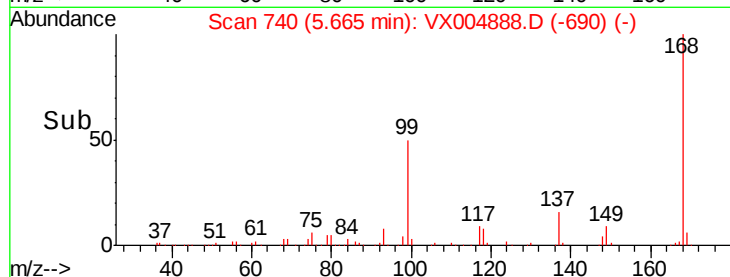
Time-->

5.50

5.60

5.70

5.80



#3

Chloromethane

Concen: 0.212 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX004888.D

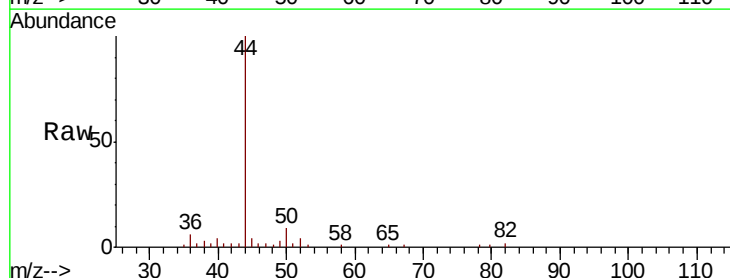
Acq: 01 Oct 2018 23:57

Tgt Ion: 50 Resp: 709

Ion Ratio Lower Upper

50 100

52 48.0 26.2 39.2#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

500

400

300

200

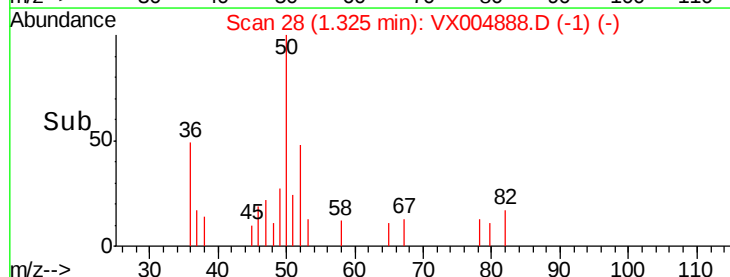
100

0

Time-->

1.30

1.35





#5

Bromomethane

Concen: 0.400 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX004888.D

Acq: 01 Oct 2018 23:57

Instrument :

MSVOA_X

ClientSampleId :

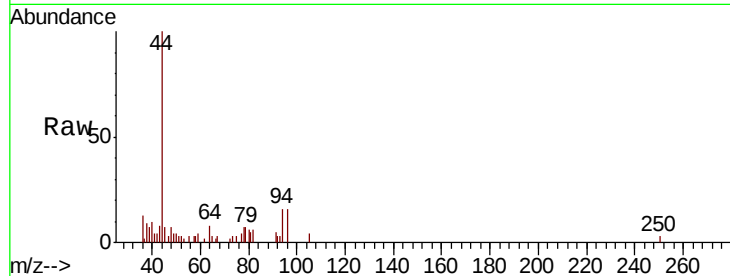
SA-TW508-4246

Tot Ion: 94 Resp: 745

Ion Ratio Lower Upper

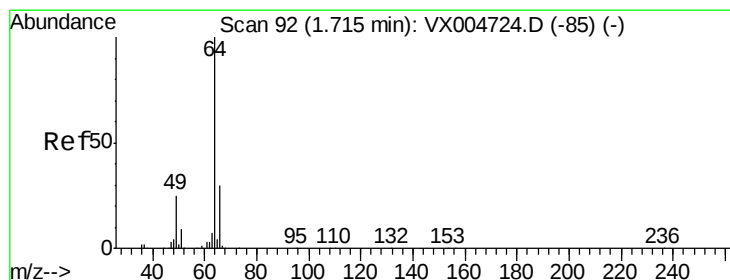
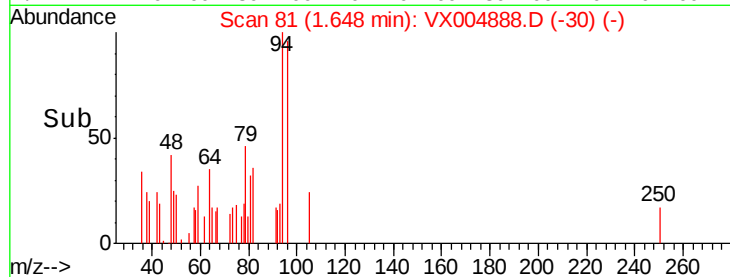
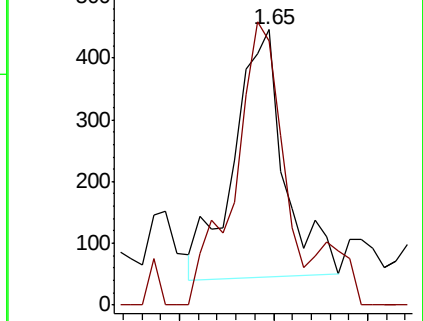
94 100

96 108.1 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: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX004888.D

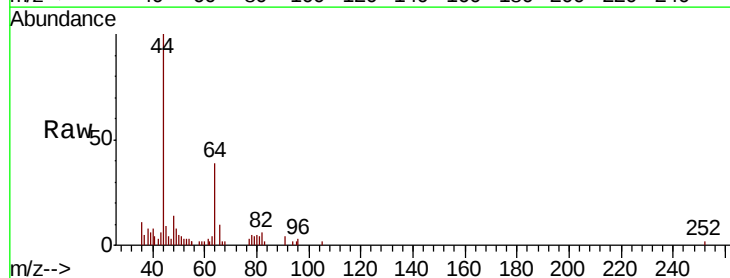
Acq: 01 Oct 2018 23:57

Tgt Ion: 64 Resp: 2776

Ion Ratio Lower Upper

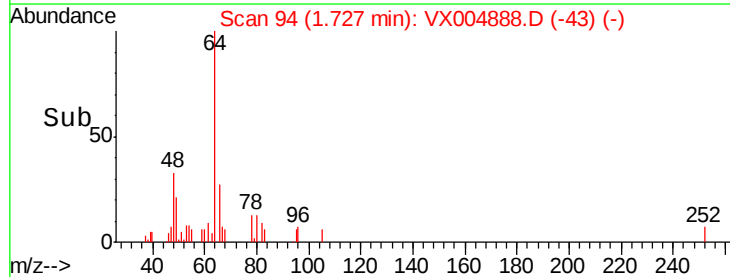
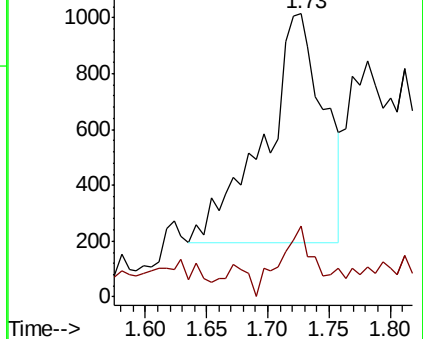
64 100

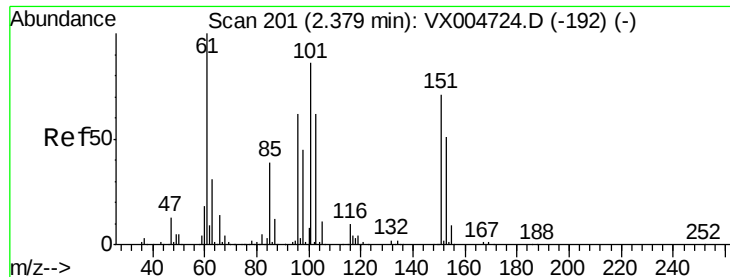
66 23.8 24.6 36.8#



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: 0.400 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX004888.D

Acq: 01 Oct 2018 23:57

Instrument :

MSVOA_X

ClientSampleId :

SA-TW508-4246

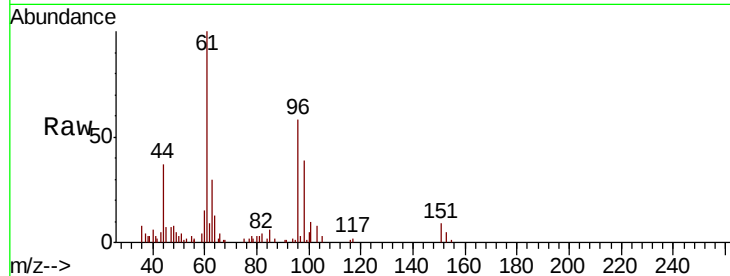
Tot Ion:101 Resp: 886

Ion Ratio Lower Upper

101 100

85 51.7 34.2 51.4#

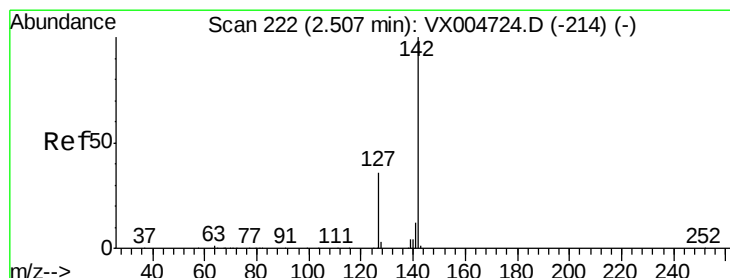
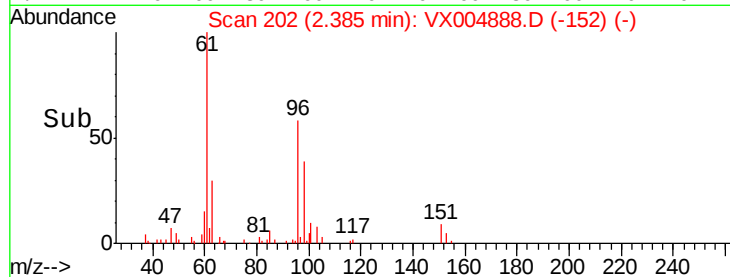
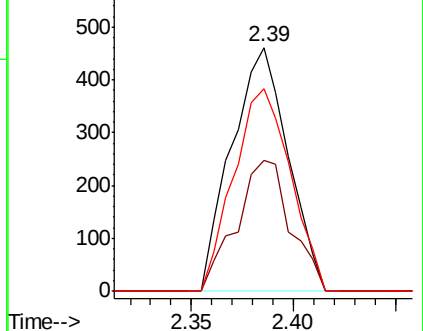
151 83.6 65.0 97.6



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: 0.359 ug/l

RT: 2.52 min Scan# 224

Delta R.T. 0.01 min

Lab File: VX004888.D

Acq: 01 Oct 2018 23:57

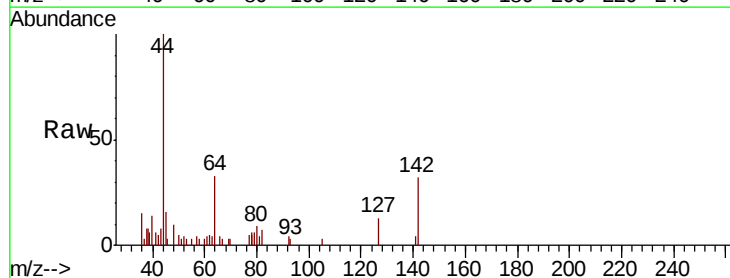
Tgt Ion:142 Resp: 1065

Ion Ratio Lower Upper

142 100

127 40.1 33.8 50.6

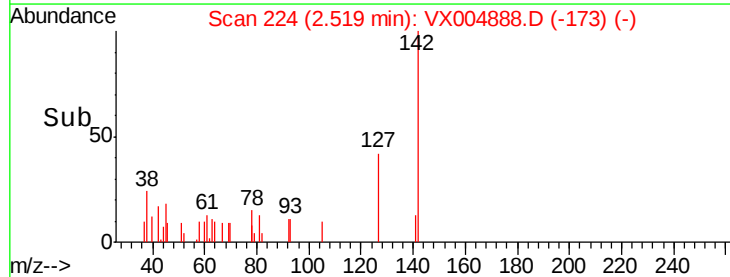
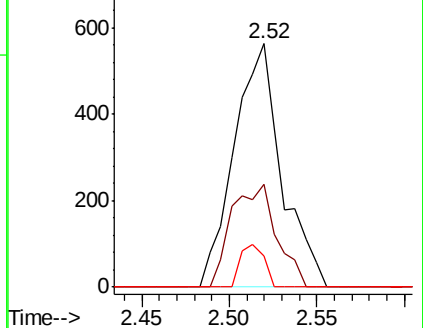
141 8.7 11.4 17.0#

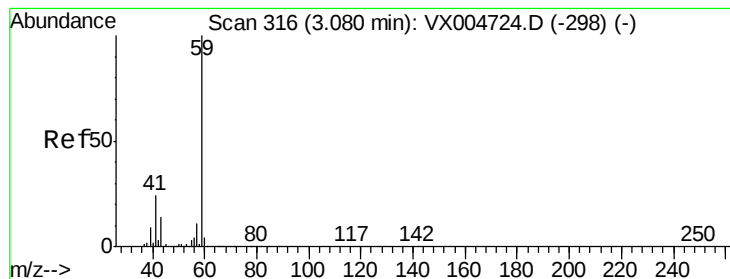


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 14.774 ug/l

RT: 3.02 min Scan# 306

Delta R.T. -0.06 min

Lab File: VX004888.D

Acq: 01 Oct 2018 23:57

Instrument :

MSVOA_X

ClientSampleId :

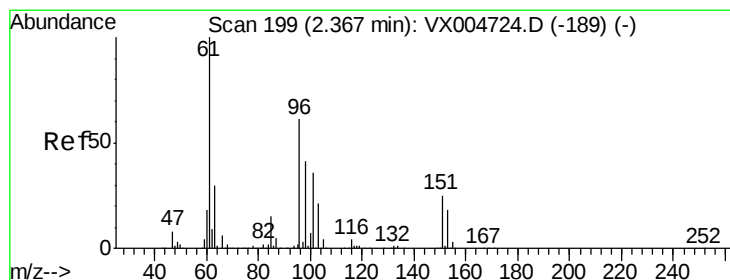
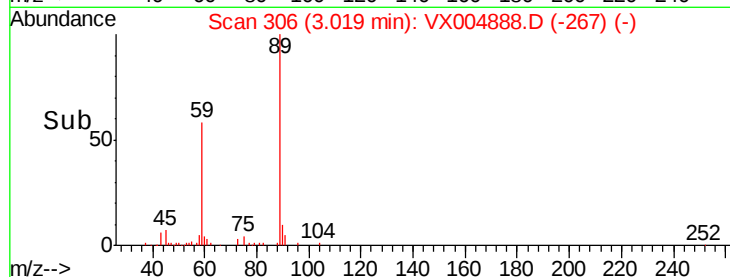
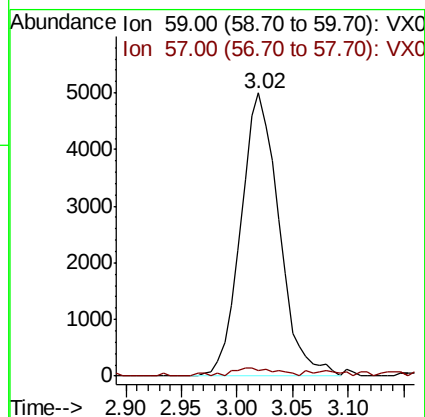
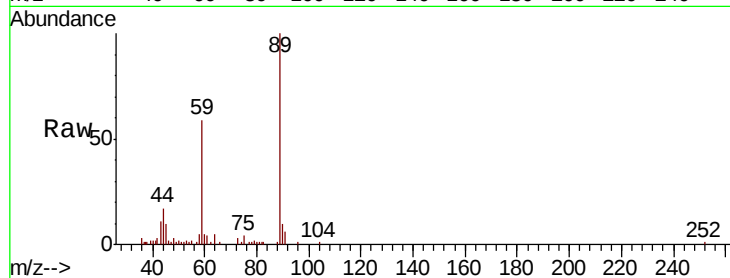
SA-TW508-4246

Tot Ion: 59 Resp: 11949

Ion Ratio Lower Upper

59 100

57 3.4 8.2 12.4#



#12

1,1-Dichloroethene

Concen: 3.705 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.01 min

Lab File: VX004888.D

Acq: 01 Oct 2018 23:57

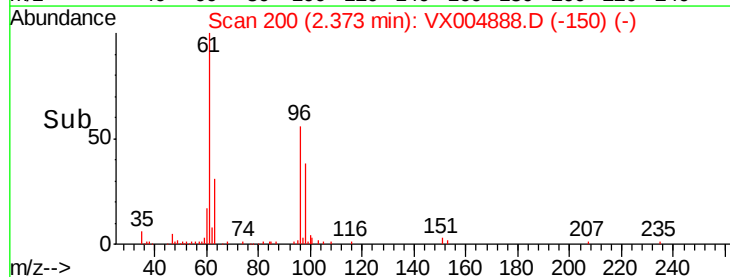
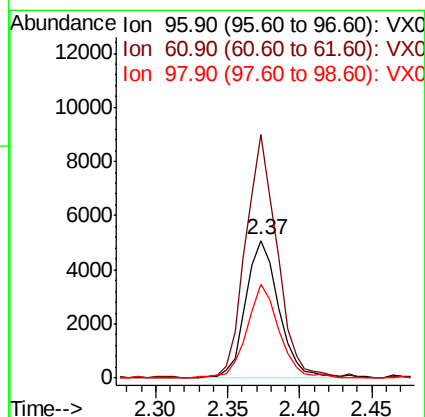
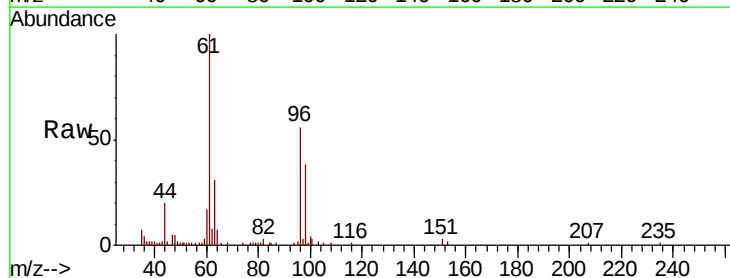
Tgt Ion: 96 Resp: 8128

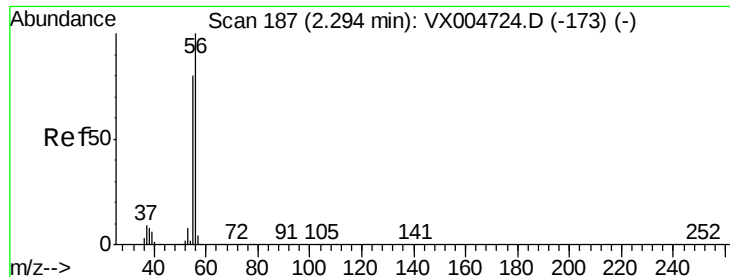
Ion Ratio Lower Upper

96 100

61 177.0 128.8 193.2

98 68.1 52.2 78.2





#13

Acrolein

Concen: 0.436 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX004888.D

Acq: 01 Oct 2018 23:57

Instrument :

MSVOA_X

ClientSampleId :

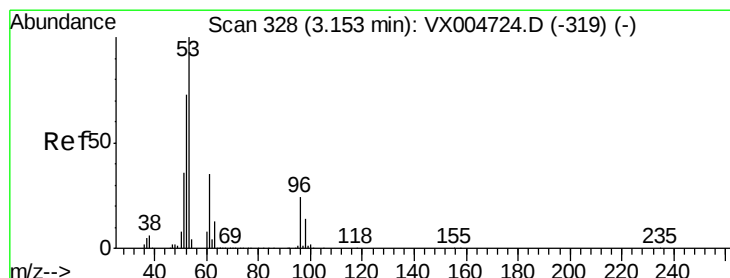
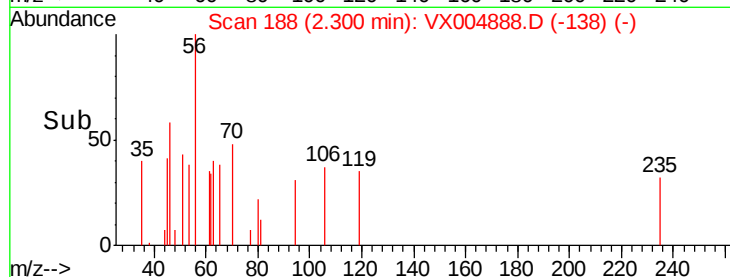
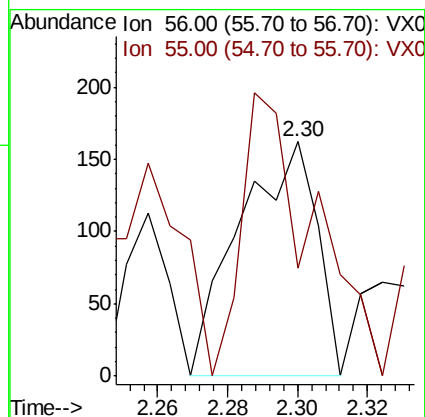
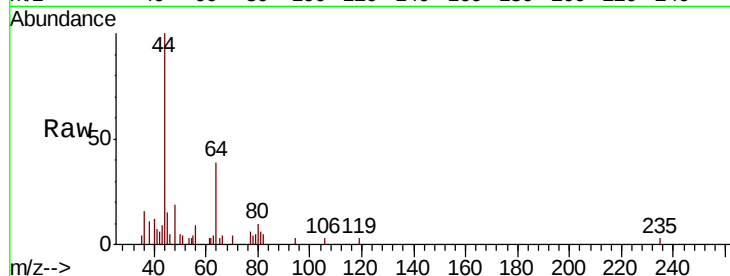
SA-TW508-4246

Tot Ion: 56 Resp: 251

Ion Ratio Lower Upper

56 100

55 110.8 54.7 82.1#



#15

Acrylonitrile

Concen: 0.343 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.01 min

Lab File: VX004888.D

Acq: 01 Oct 2018 23:57

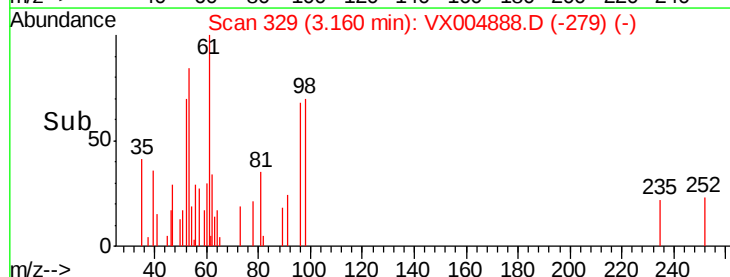
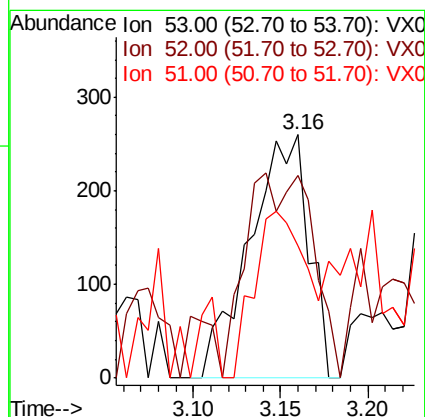
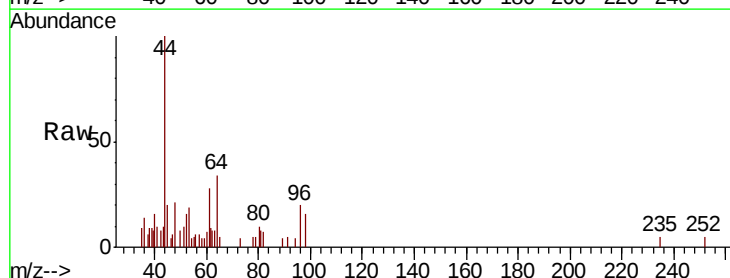
Tgt Ion: 53 Resp: 611

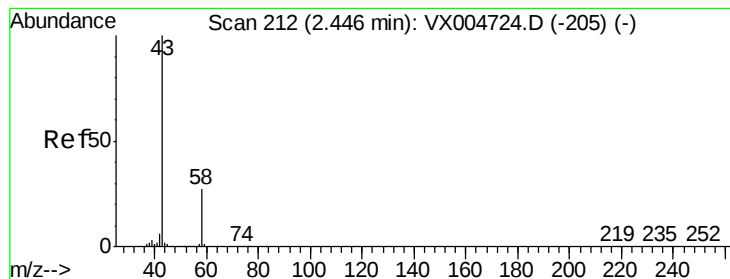
Ion Ratio Lower Upper

53 100

52 48.6 65.2 97.8#

51 61.5 28.2 42.2#





#16

Acetone

Concen: 1.753 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX004888.D

Acq: 01 Oct 2018 23:57

Instrument :

MSVOA_X

ClientSampleId :

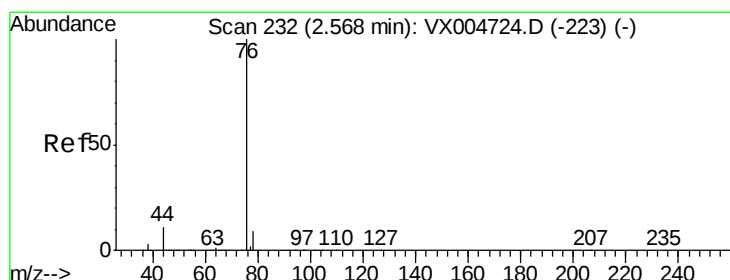
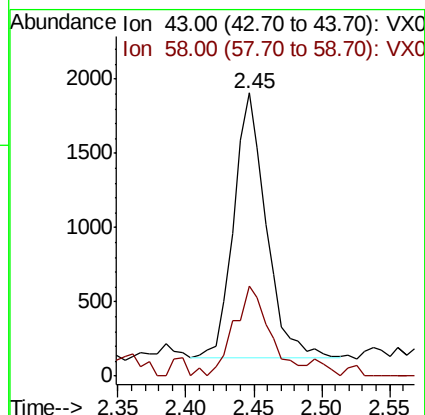
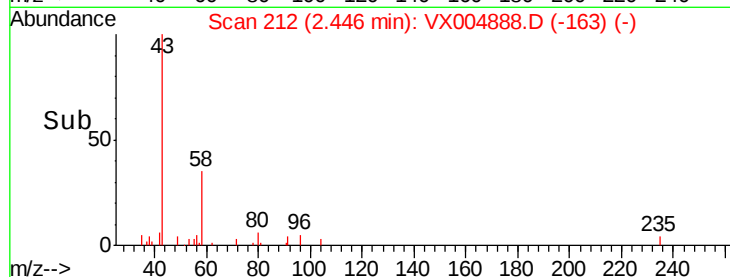
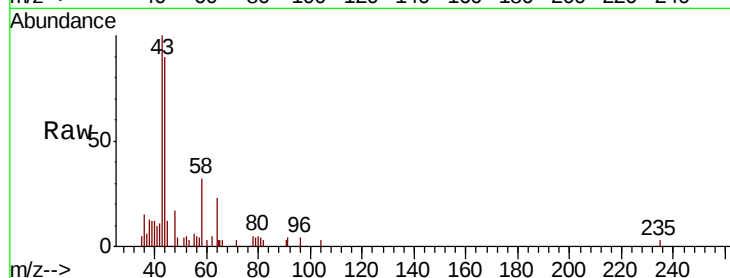
SA-TW508-4246

Tot Ion: 43 Resp: 2961

Ion Ratio Lower Upper

43 100

58 34.1 26.2 39.4



#17

Carbon Disulfide

Concen: 0.383 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX004888.D

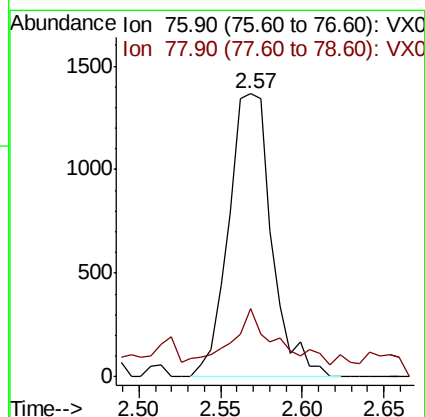
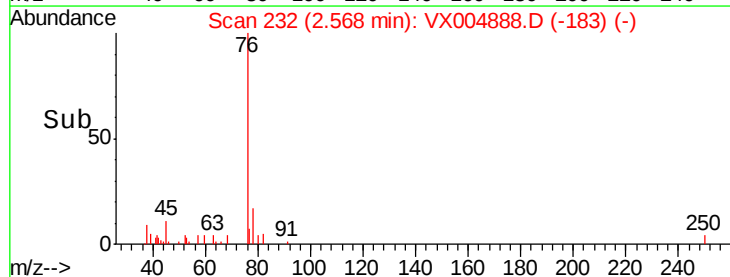
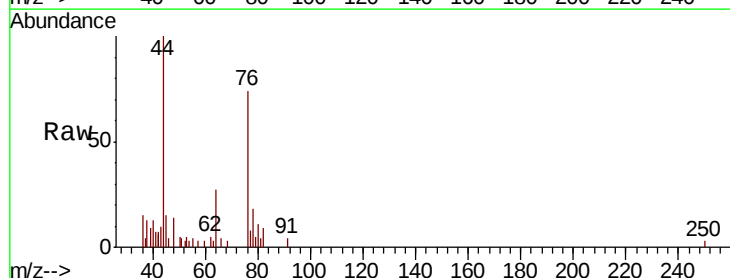
Acq: 01 Oct 2018 23:57

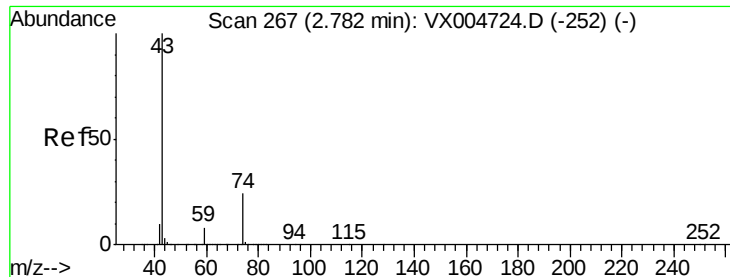
Tgt Ion: 76 Resp: 2526

Ion Ratio Lower Upper

76 100

78 17.5 7.0 10.6#

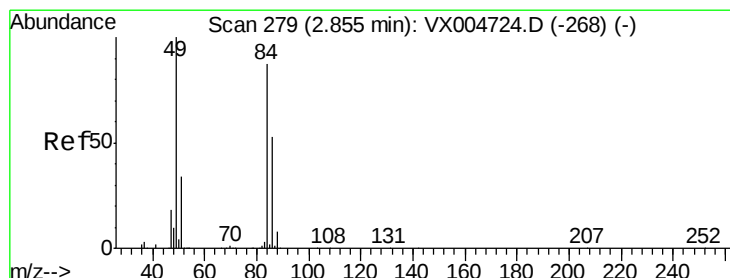
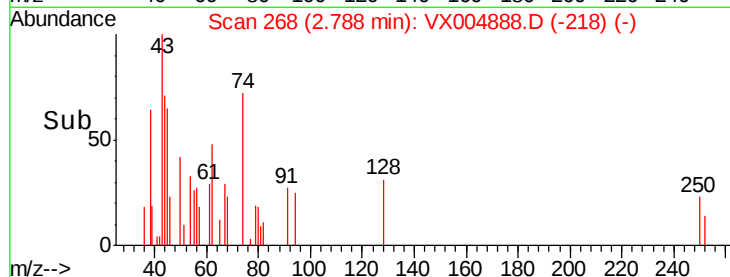
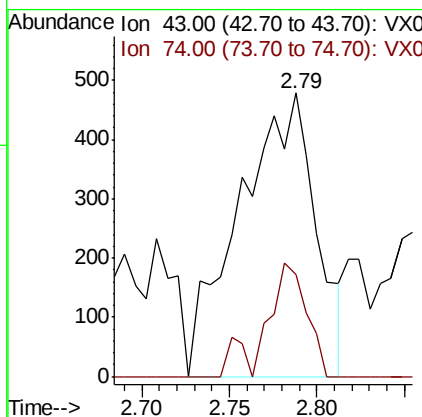
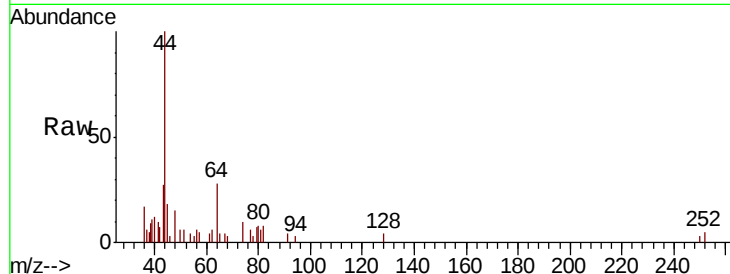




#18
Methyl Acetate
Concen: 0.341 ug/l
RT: 2.79 min Scan# 268
Delta R.T. 0.01 min
Lab File: VX004888.D
Acq: 01 Oct 2018 23:57

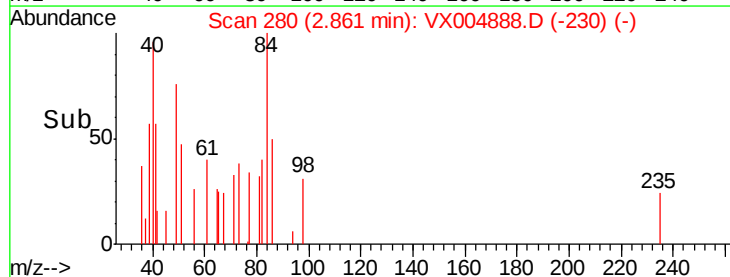
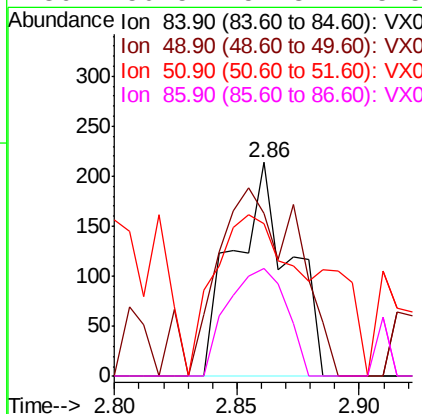
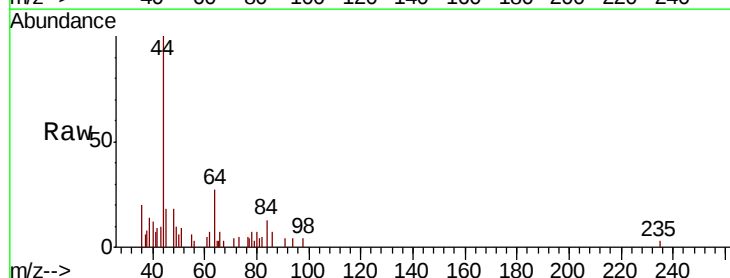
Instrument :
MSVOA_X
ClientSampled :
SA-TW508-4246

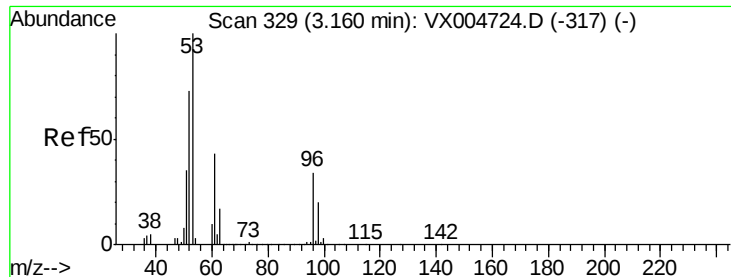
Tot Ion: 43 Resp: 1457
Ion Ratio Lower Upper
43 100
74 18.5 19.4 29.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX004888.D
Acq: 01 Oct 2018 23:57

Tgt Ion: 84 Resp: 340
Ion Ratio Lower Upper
84 100
49 76.2 101.2 151.8#
51 71.5 29.5 44.3#
86 50.5 52.3 78.5#





#21

trans-1,2-Dichloroethene

Concen: 0.227 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX004888.D

Acq: 01 Oct 2018 23:57

Instrument :

MSVOA_X

ClientSampleId :

SA-TW508-4246

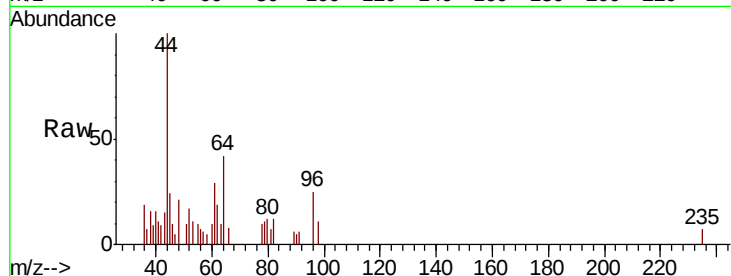
Tot Ion: 96 Resp: 546

Ion Ratio Lower Upper

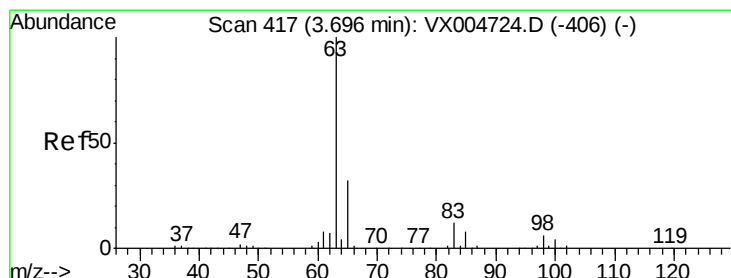
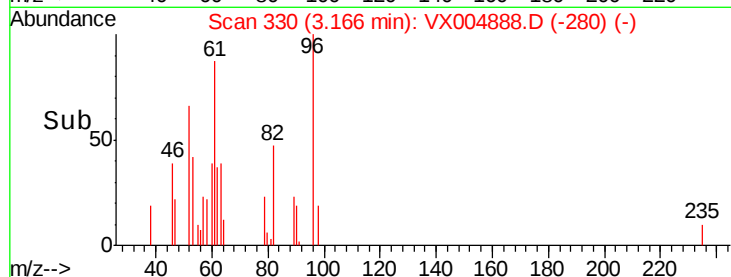
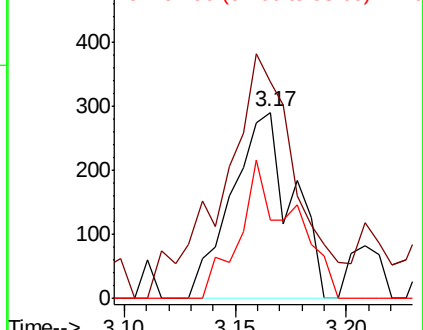
96 100

61 97.2 113.8 170.6#

98 41.7 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: 55.154 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX004888.D

Acq: 01 Oct 2018 23:57

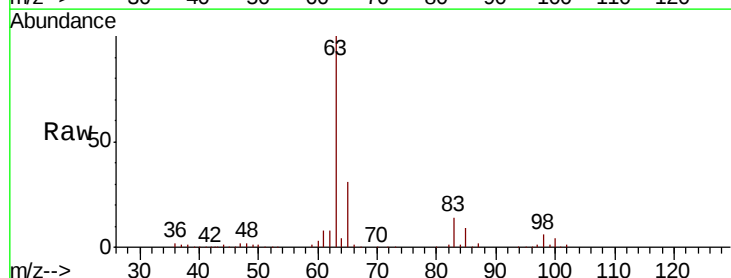
Tgt Ion: 63 Resp: 265212

Ion Ratio Lower Upper

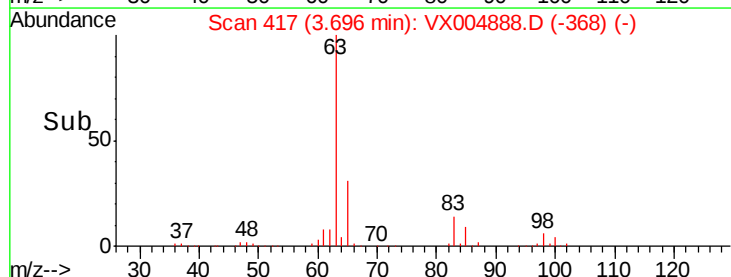
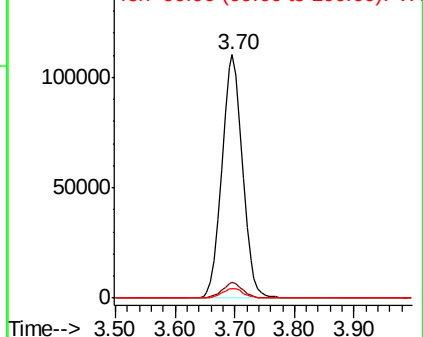
63 100

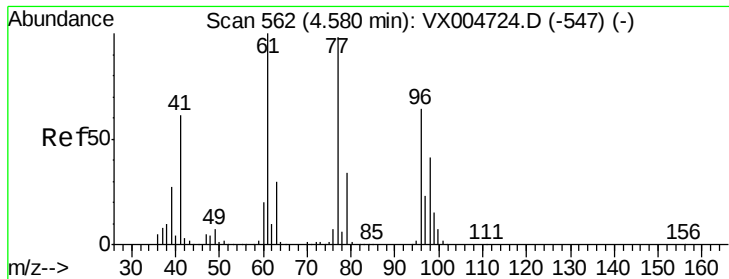
98 6.4 3.5 10.4

100 4.1 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





#26

2,2-Dichloropropane

Concen: 0.228 ug/l

RT: 4.78 min Scan# 594

Delta R.T. 0.20 min

Lab File: VX004888.D

Acq: 01 Oct 2018 23:57

Instrument :

MSVOA_X

ClientSampleId :

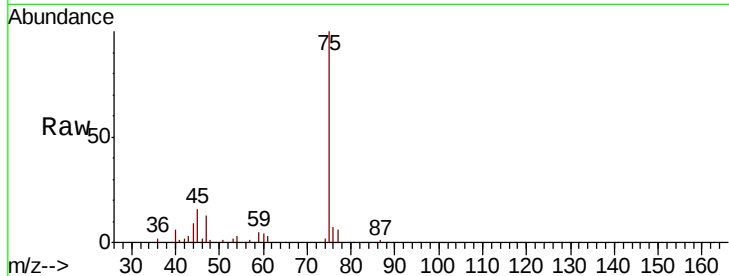
SA-TW508-4246

Tot Ion: 77 Resp: 762

Ion Ratio Lower Upper

77 100

97 0.0 11.7 35.0#



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.78

250

200

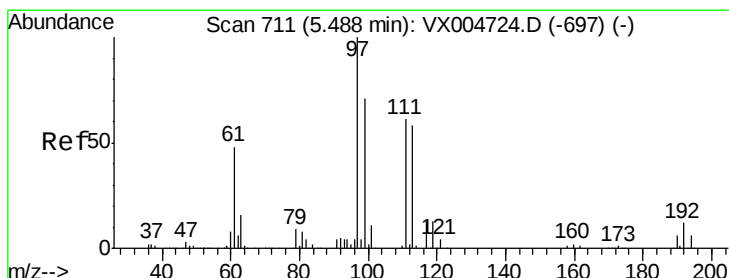
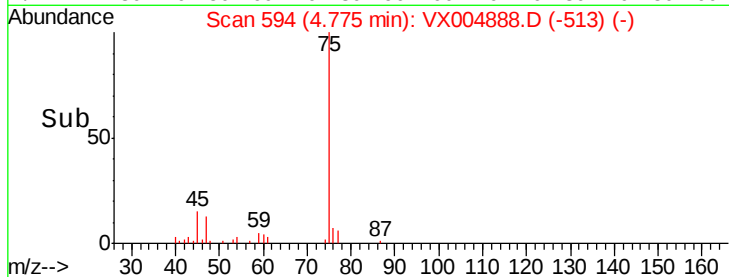
150

100

50

0

Time-->



#32

1,1,1-Trichloroethane

Concen: 18.466 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.01 min

Lab File: VX004888.D

Acq: 01 Oct 2018 23:57

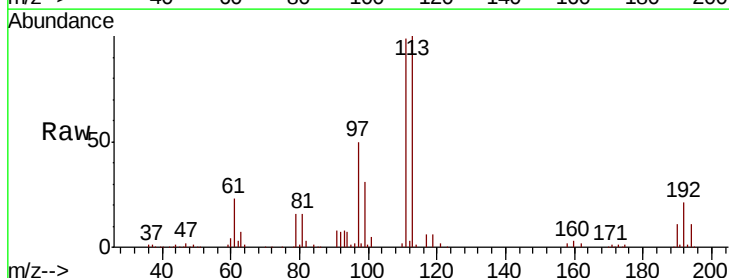
Tgt Ion: 97 Resp: 68536

Ion Ratio Lower Upper

97 100

99 63.8 52.0 78.0

61 44.7 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

50000

40000

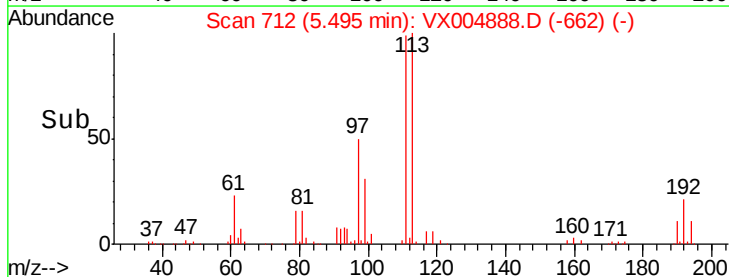
30000

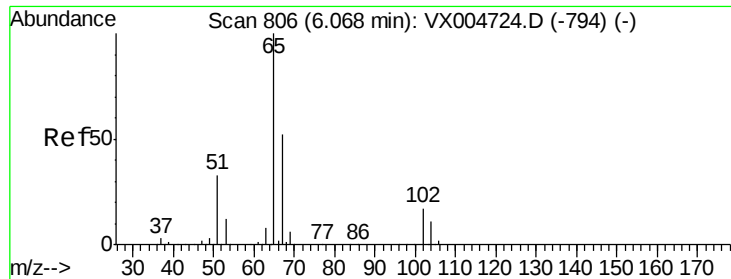
20000

10000

0

Time-->

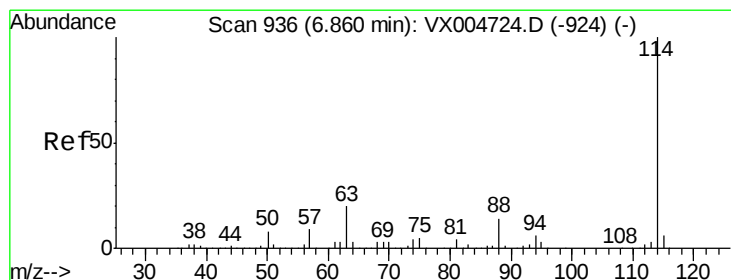
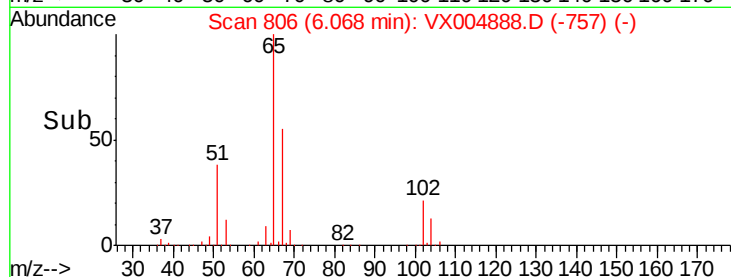
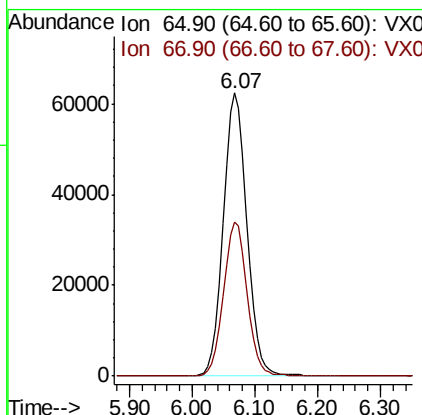
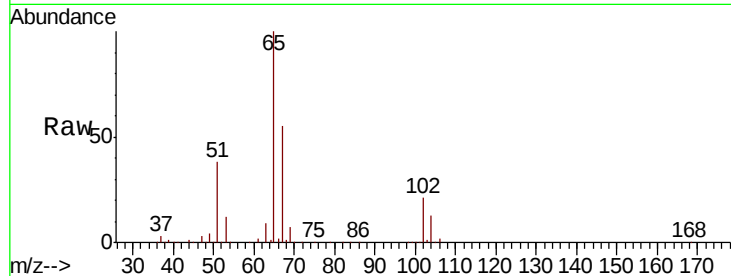




#33
 1,2-Dichloroethane-d4
 Concen: 56.240 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004888.D
 Acq: 01 Oct 2018 23:57

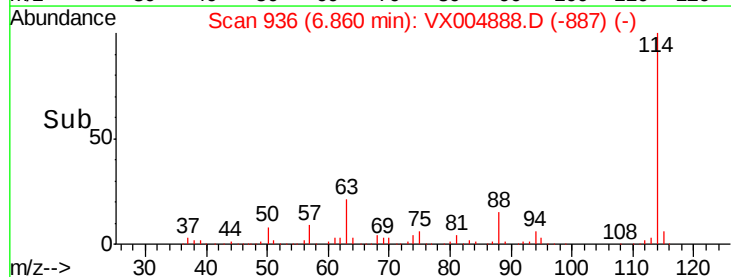
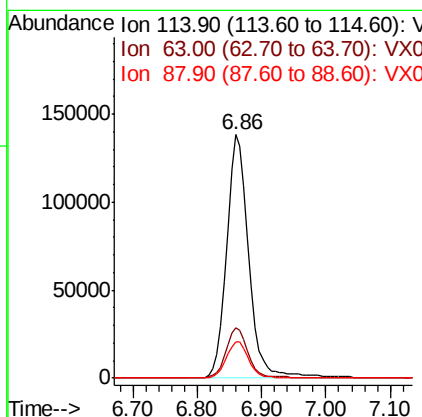
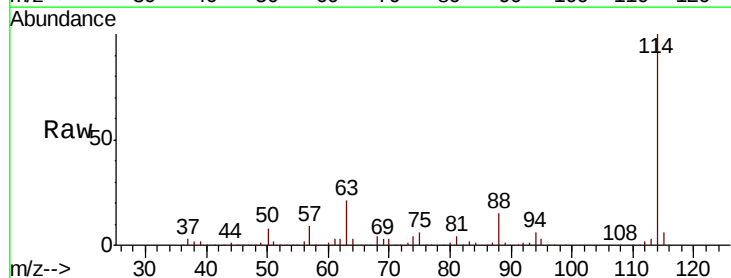
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW508-4246

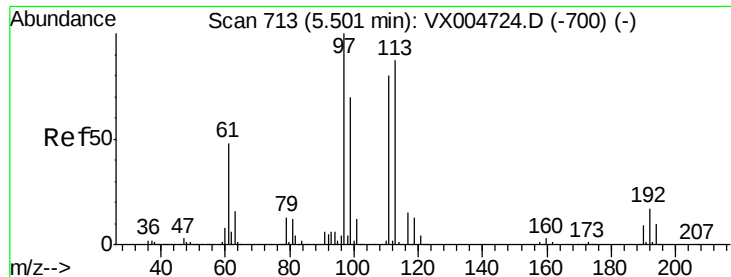
Tot Ion: 65 Resp: 162677
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX004888.D
 Acq: 01 Oct 2018 23:57

Tgt Ion: 114 Resp: 336000
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 39.0
 88 15.1 0.0 30.4

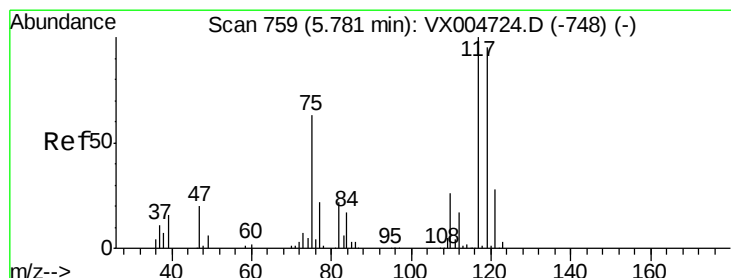
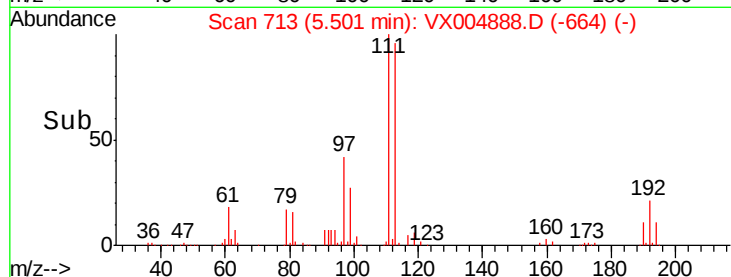
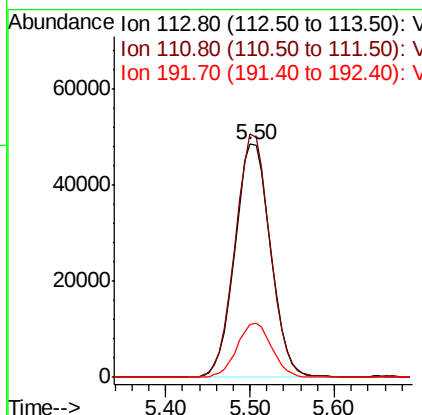
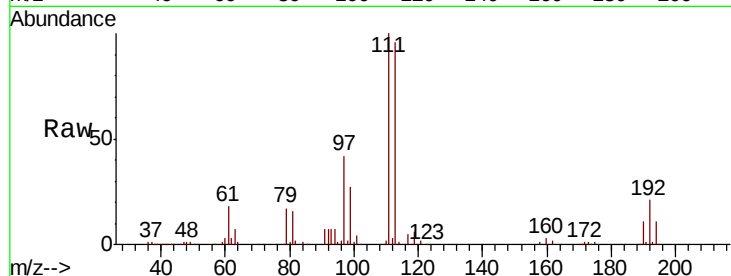




#35
 Dibromofluoromethane
 Concen: 48.765 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX004888.D
 Acq: 01 Oct 2018 23:57

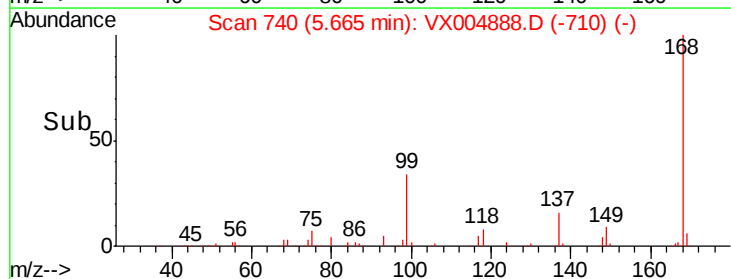
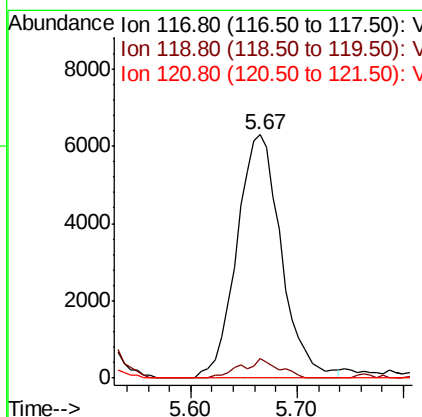
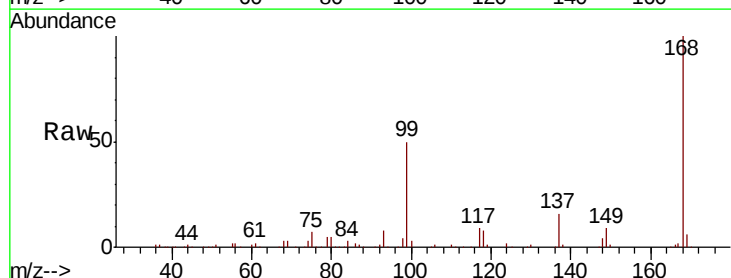
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW508-4246

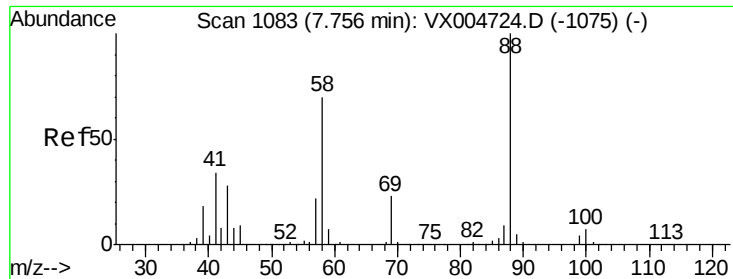
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.4	123.6
192	22.7	19.4	29.2



#38
 Carbon Tetrachloride
 Concen: 4.504 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.12 min
 Lab File: VX004888.D
 Acq: 01 Oct 2018 23:57

Tgt Ion	Ratio	Lower	Upper
117	100		
119	8.0	78.8	118.2#
121	0.0	24.9	37.3#

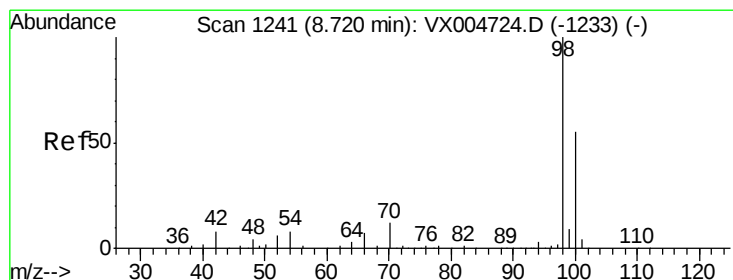
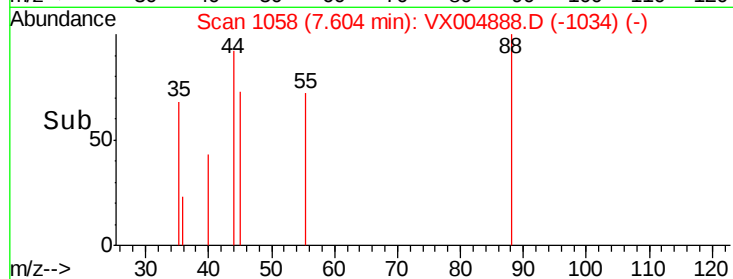
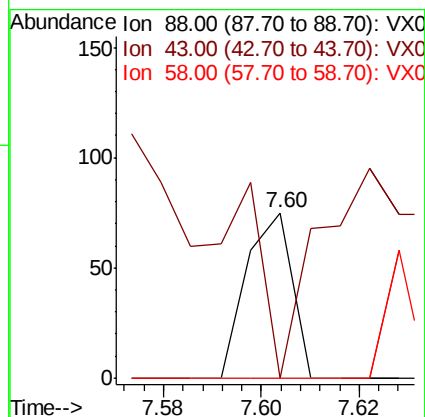
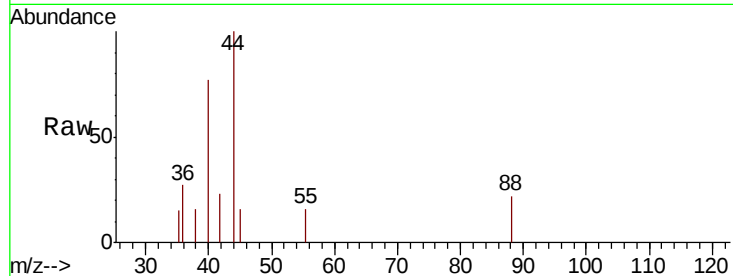




#49
1,4-Dioxane
Concen: 0.584 ug/l
RT: 7.60 min Scan# 1058
Delta R.T. -0.15 min
Lab File: VX004888.D
Acq: 01 Oct 2018 23:57

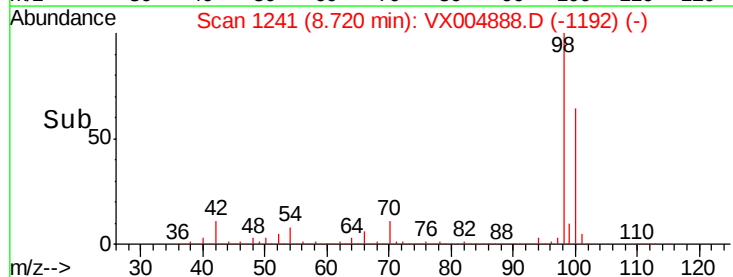
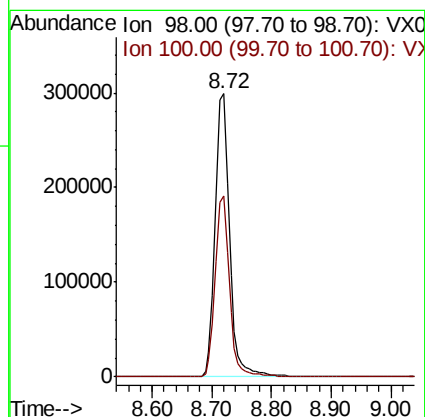
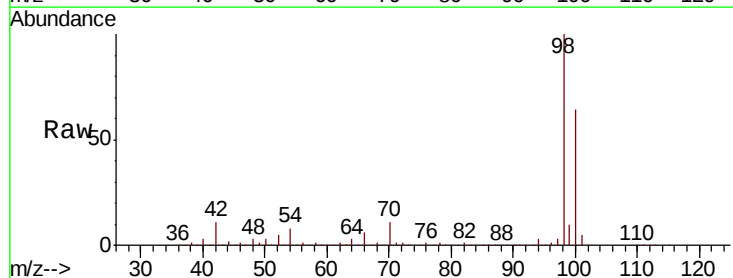
Instrument :
MSVOA_X
ClientSampled :
SA-TW508-4246

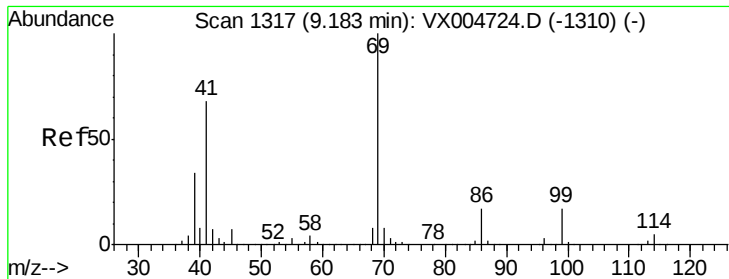
Tot Ion: 88 Resp: 49
Ion Ratio Lower Upper
88 100
43 0.0 24.7 37.1#
58 0.0 55.3 82.9#



#50
Toluene-d8
Concen: 52.535 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX004888.D
Acq: 01 Oct 2018 23:57

Tgt Ion: 98 Resp: 497343
Ion Ratio Lower Upper
98 100
100 63.6 52.9 79.3





#56

Ethyl methacrylate

Concen: 2.867 ug/l

RT: 8.95 min Scan# 1279

Delta R.T. -0.23 min

Lab File: VX004888.D

Acq: 01 Oct 2018 23:57

Instrument :

MSVOA_X

ClientSampled :

SA-TW508-4246

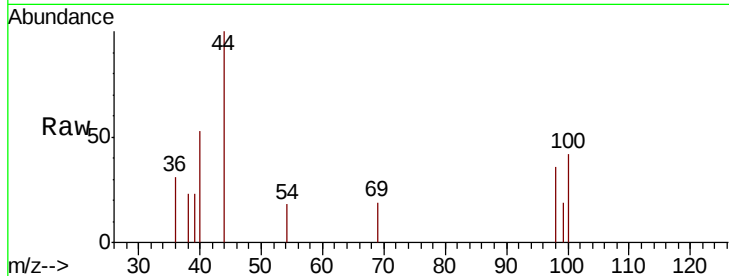
Tot Ion: 69 Resp: 23

Ion Ratio Lower Upper

69 100

41 0.0 51.0 76.4#

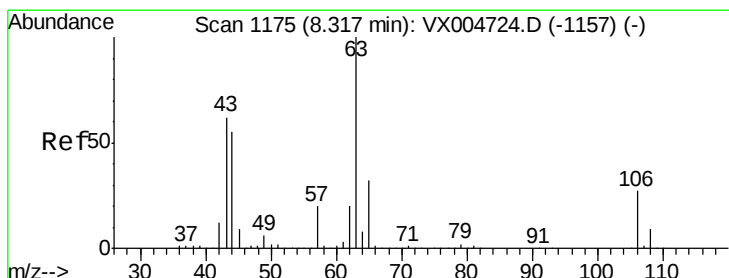
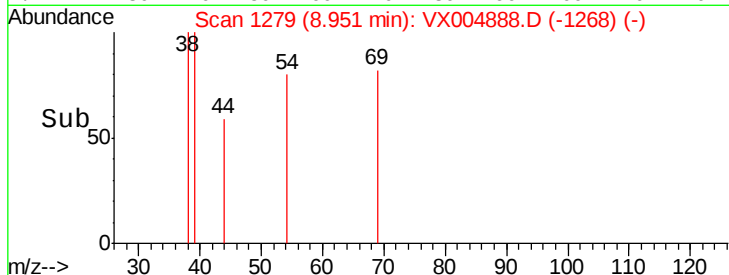
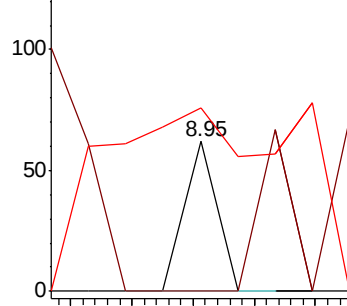
39 0.0 26.1 39.1#



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: 14.289 ug/l

RT: 8.33 min Scan# 1177

Delta R.T. 0.01 min

Lab File: VX004888.D

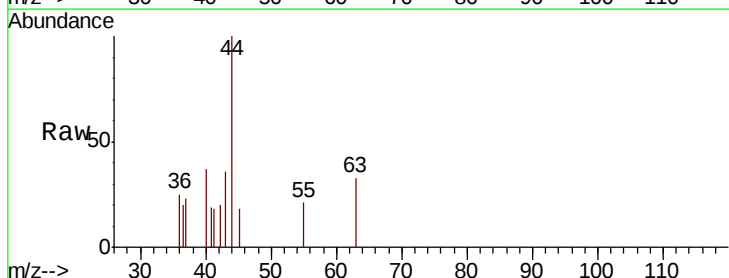
Acq: 01 Oct 2018 23:57

Tgt Ion: 63 Resp: 126

Ion Ratio Lower Upper

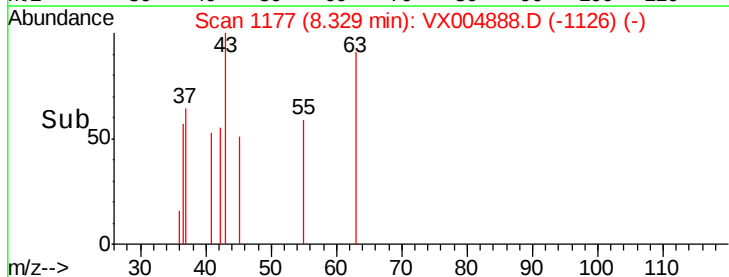
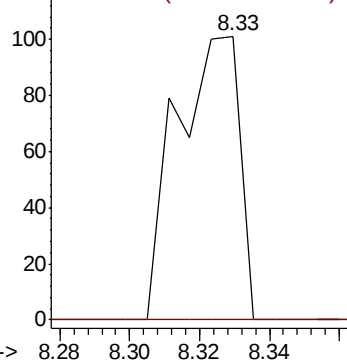
63 100

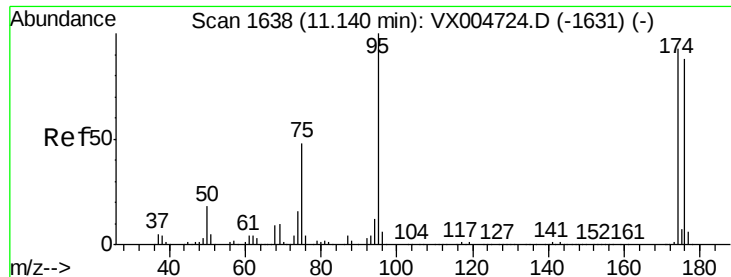
106 0.0 23.9 35.9#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

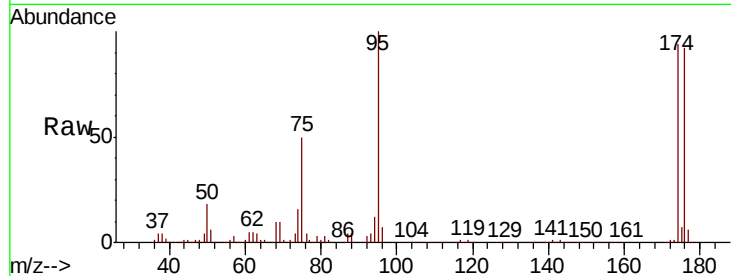




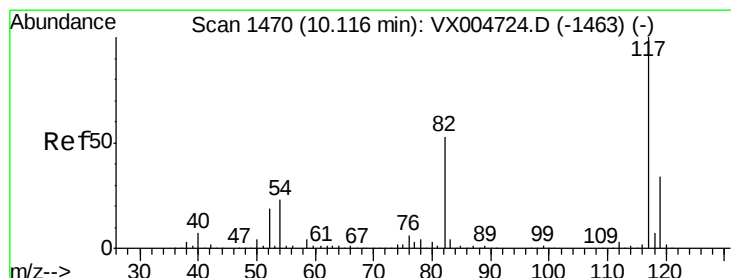
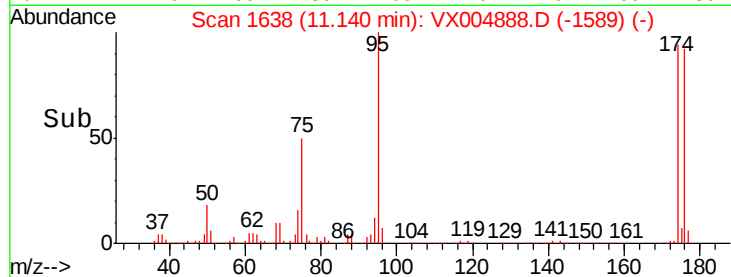
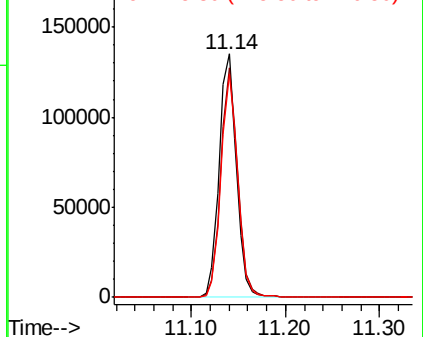
#62
4-Bromofluorobenzene
Concen: 50.780 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX004888.D
Acq: 01 Oct 2018 23:57

Instrument :
MSVOA_X
ClientSampleId :
SA-TW508-4246

Tot Ion: 95 Resp: 173188
Ion Ratio Lower Upper
95 100
174 92.4 0.0 185.2
176 89.0 0.0 178.6

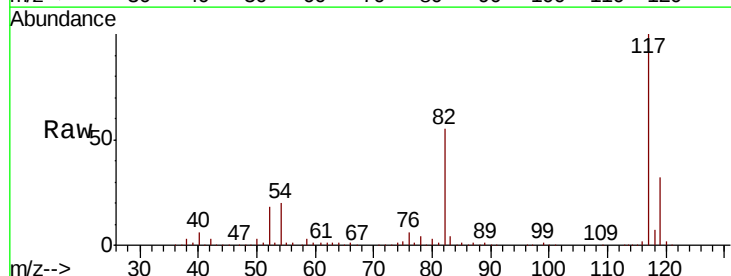


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

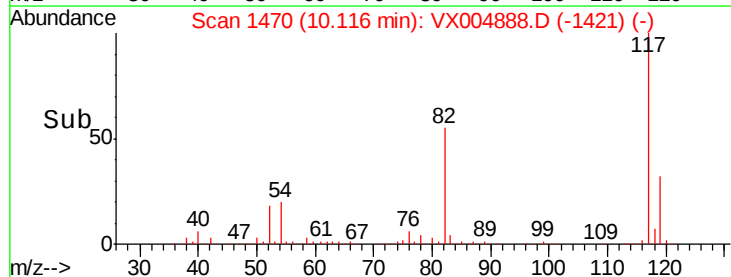
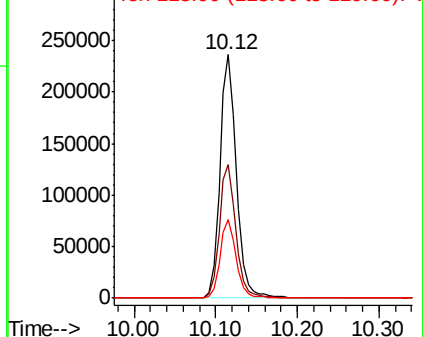


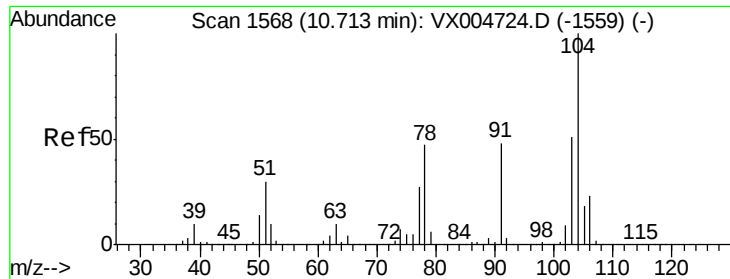
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004888.D
Acq: 01 Oct 2018 23:57

Tgt Ion: 117 Resp: 333378
Ion Ratio Lower Upper
117 100
82 54.6 47.8 71.6
119 32.4 29.3 43.9



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





#70

Stvrene

Concen: 2.180 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX004888.D

Acq: 01 Oct 2018 23:57

Instrument :

MSVOA_X

ClientSampleId :

SA-TW508-4246

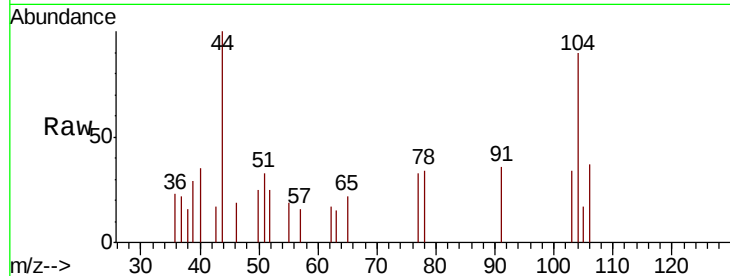
Tot Ion:104 Resp: 376

Ion Ratio Lower Upper

104 100

78 79.8 37.4 56.0#

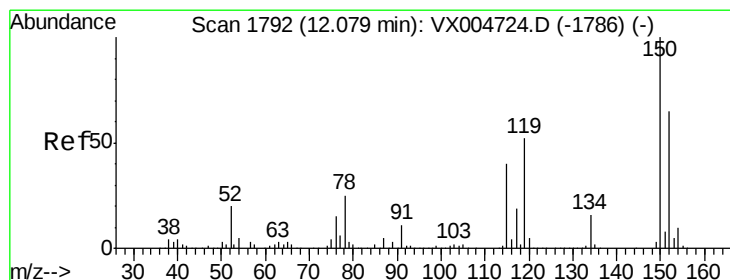
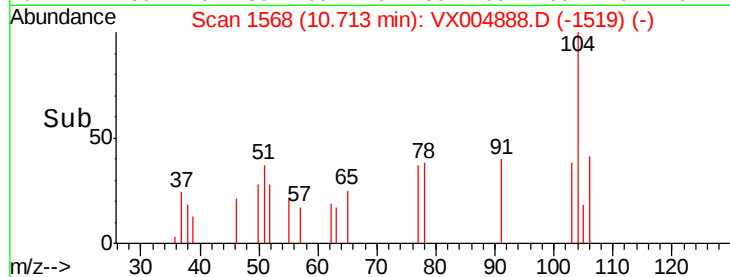
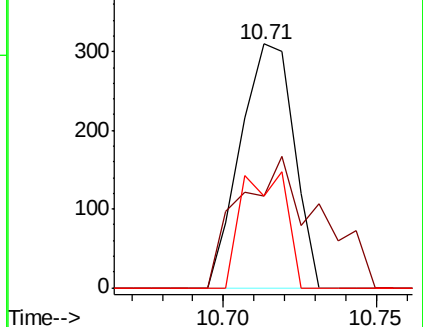
103 39.6 43.8 65.6#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

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: VX004888.D

Acq: 01 Oct 2018 23:57

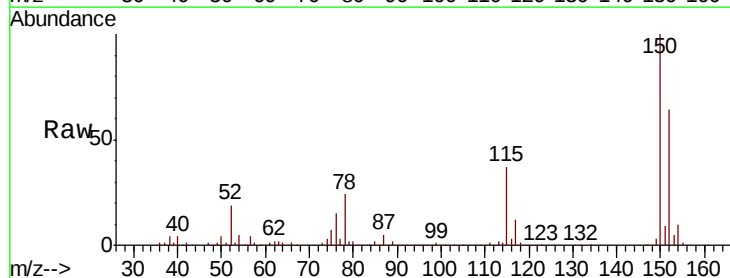
Tgt Ion:152 Resp: 177910

Ion Ratio Lower Upper

152 100

115 55.8 39.0 117.0

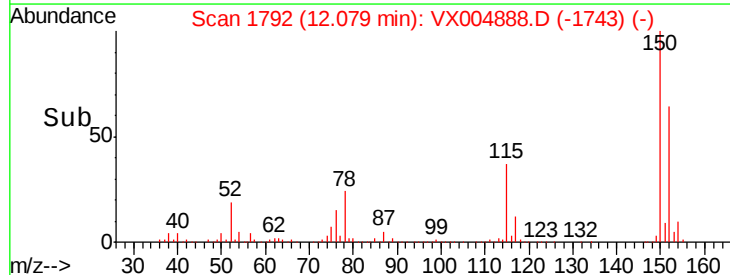
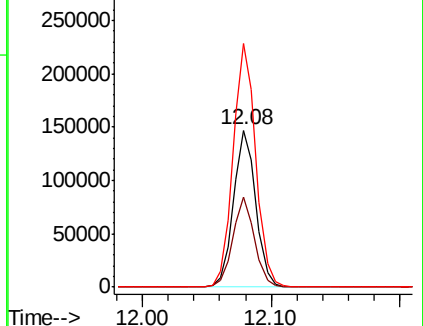
150 157.3 0.0 351.0

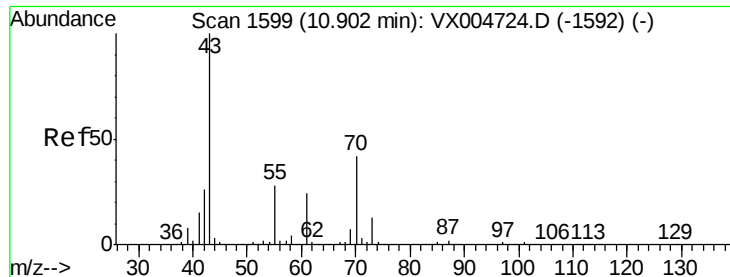


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 1.768 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.01 min

Lab File: VX004888.D

Acq: 01 Oct 2018 23:57

Instrument :

MSVOA_X

ClientSampleId :

SA-TW508-4246

Tot Ion: 43 Resp: 127

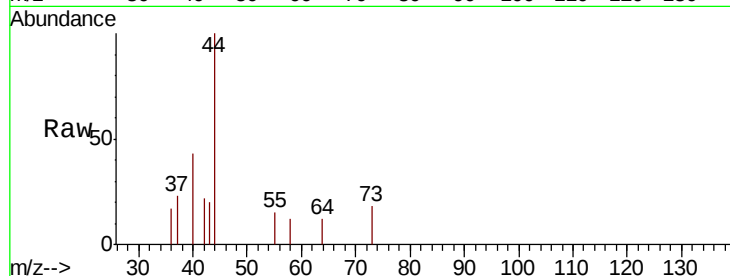
Ion Ratio Lower Upper

43 100

70 0.0 37.4 56.0#

55 0.0 21.8 32.8#

61 0.0 20.6 30.8#

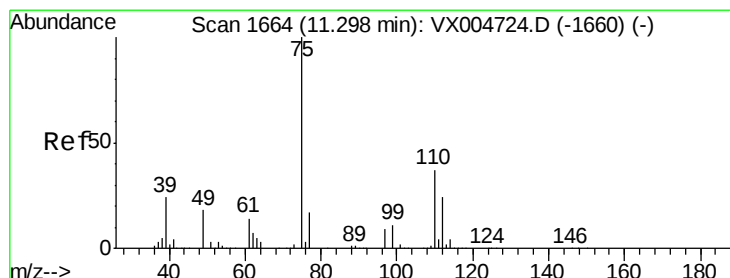
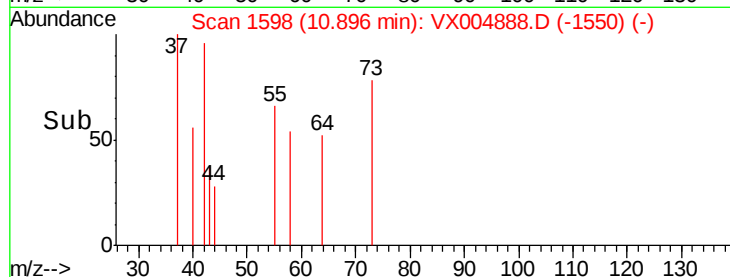
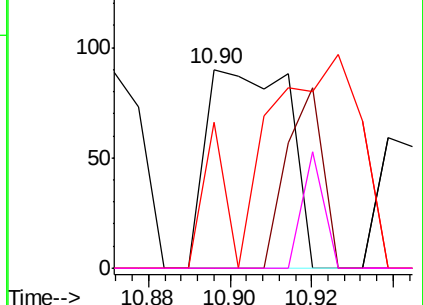


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 21.696 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX004888.D

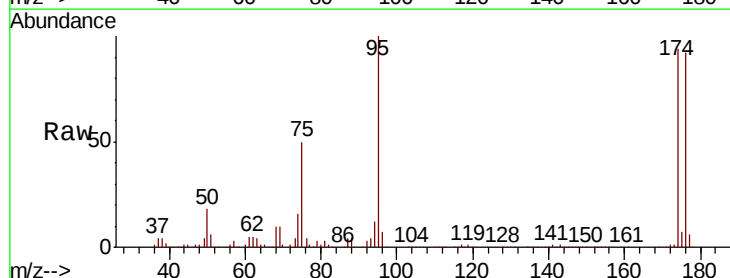
Acq: 01 Oct 2018 23:57

Tgt Ion: 75 Resp: 86516

Ion Ratio Lower Upper

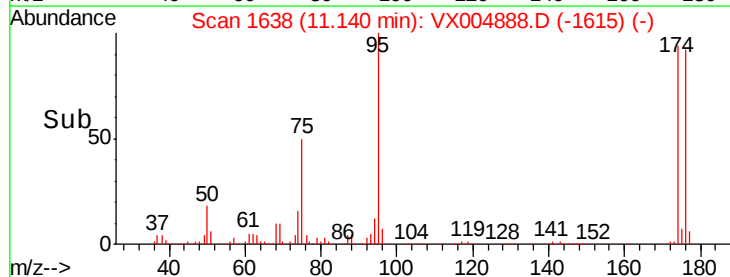
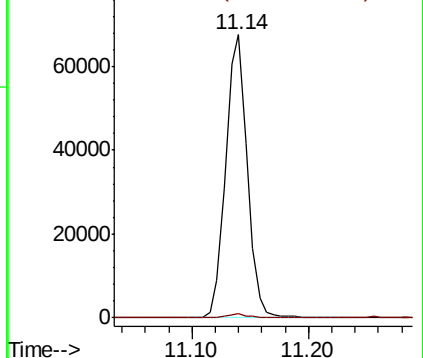
75 100

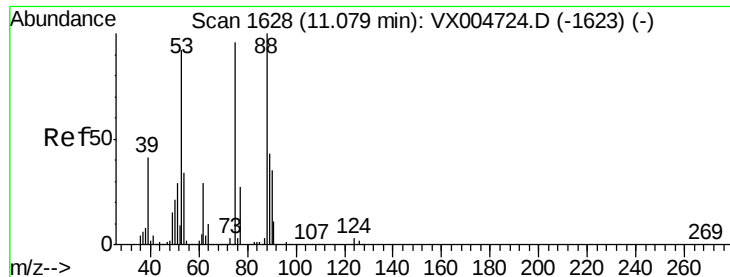
77 1.4 20.2 60.6#



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: 58.809 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.06 min

Lab File: VX004888.D

Acq: 01 Oct 2018 23:57

Instrument :

MSVOA_X

ClientSampleId :

SA-TW508-4246

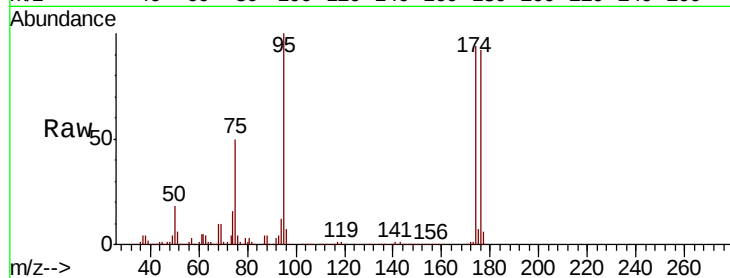
Tot Ion: 75 Resp: 86516

Ion Ratio Lower Upper

75 100

53 0.3 80.1 120.1#

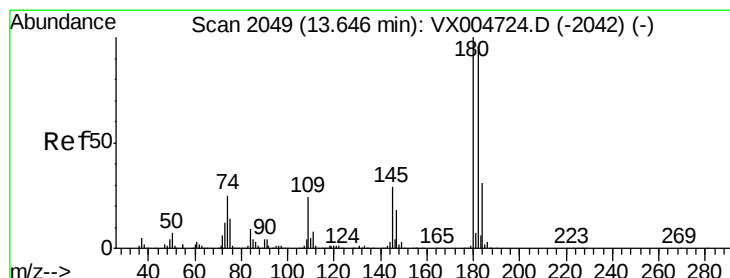
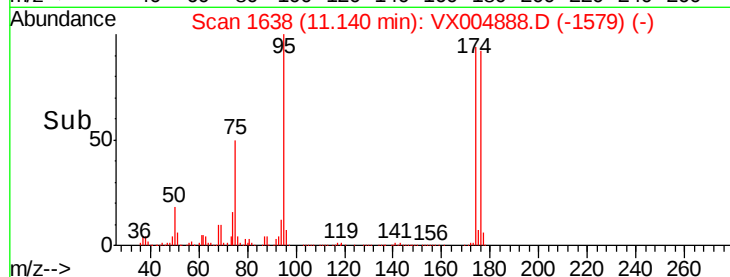
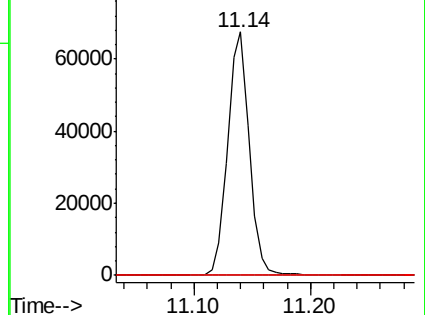
89 0.0 37.2 55.8#



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



#93

1,2,4-Trichlorobenzene

Concen: 0.729 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. -0.00 min

Lab File: VX004888.D

Acq: 01 Oct 2018 23:57

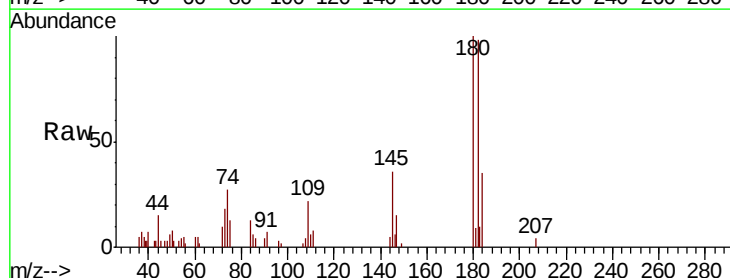
Tgt Ion: 180 Resp: 3250

Ion Ratio Lower Upper

180 100

182 97.1 48.4 145.0

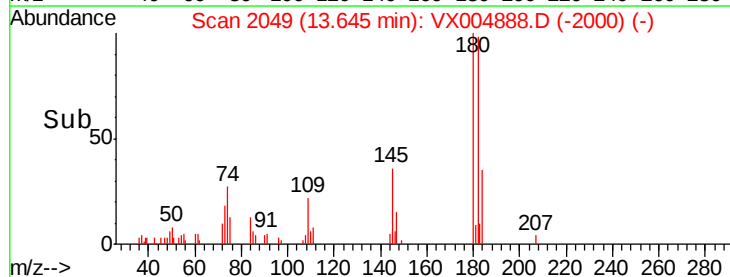
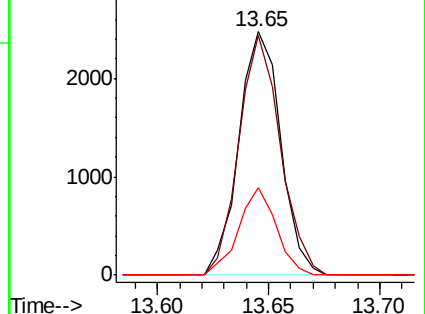
145 32.5 14.3 42.9

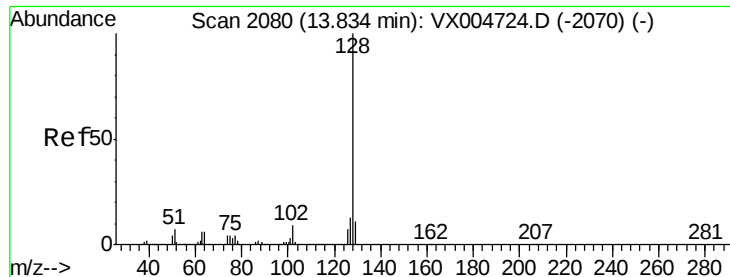


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#95

Naphthalene

Concen: 0.804 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX004888.D

Acq: 01 Oct 2018 23:57

Instrument :

MSVOA_X

ClientSampleId :

SA-TW508-4246

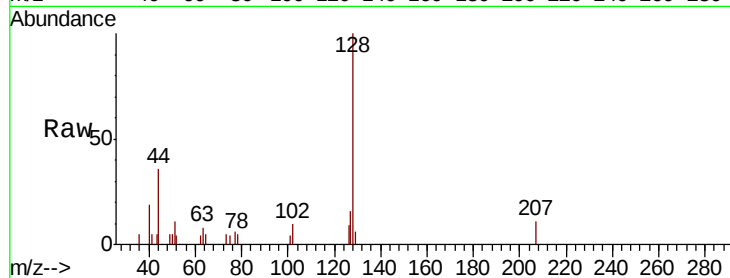
Tot Ion:128 Resp: 1273

Ion Ratio Lower Upper

128 100

127 14.1 10.2 15.2

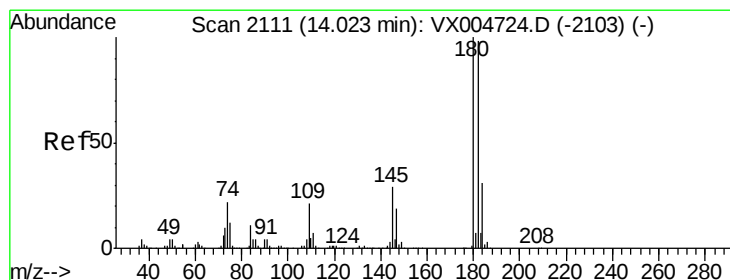
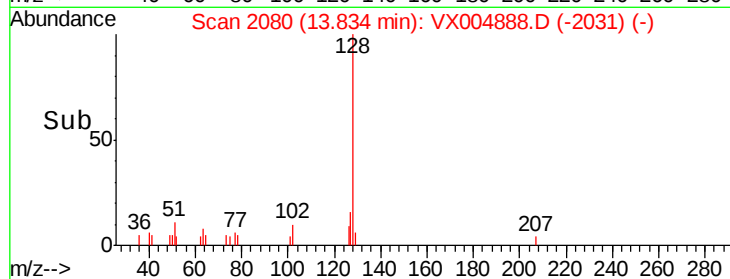
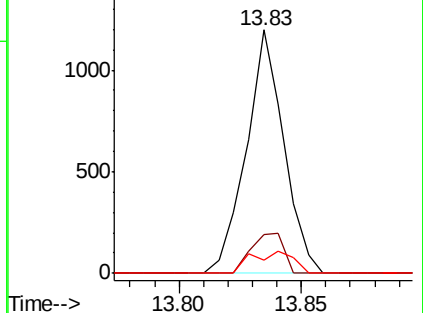
129 10.1 8.6 12.8



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



#96

1,2,3-Trichlorobenzene

Concen: 0.294 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.01 min

Lab File: VX004888.D

Acq: 01 Oct 2018 23:57

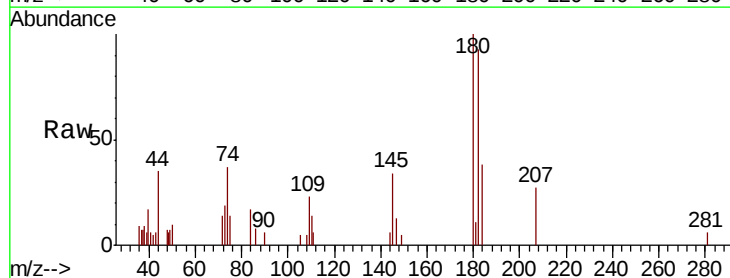
Tgt Ion:180 Resp: 1353

Ion Ratio Lower Upper

180 100

182 104.4 48.5 145.6

145 33.3 14.9 44.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

