

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100118\
 Data File : VX004879.D
 Acq On : 01 Oct 2018 19:03
 Operator : JC/MD
 Sample : J5135-19
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW508-3337

Quant Time: Oct 02 02:42:19 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	202987	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	336231	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	333672	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	184876	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	164577	56.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.52%	
35) Dibromofluoromethane	5.50	113	139577	48.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.96%	
50) Toluene-d8	8.72	98	496441	52.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.80%	
62) 4-Bromofluorobenzene	11.14	95	174935	51.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.52%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.64	94	642	0.344	ug/l #	30
6) Chloroethane	1.73	64	106139	62.419	ug/l	97
11) Tert butyl alcohol	3.02	59	6471	7.981	ug/l #	76
12) 1,1-Dichloroethene	2.37	96	65744	29.891	ug/l	92
14) Allyl chloride	2.62	41	6251	1.303	ug/l #	64
16) Acetone	2.45	43	3192	1.886	ug/l	93
20) Methylene Chloride	2.86	84	417	Below Cal	#	79
24) 1,1-Dichloroethane	3.70	63	2240375	464.765	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	974	0.362	ug/l	72
32) 1,1,1-Trichloroethane	5.49	97	55633	14.953	ug/l	99
36) 1,1-Dichloropropene	5.66	75	14306	3.680	ug/l #	50
38) Carbon Tetrachloride	5.66	117	18572	4.544	ug/l #	16
40) Benzene	6.14	78	9801	0.805	ug/l	100
44) Trichloroethene	7.21	130	1268	0.424	ug/l	84
56) Ethyl methacrylate	9.18	69	18	2.866	ug/l #	26
58) 2-Chloroethyl Vinyl ether	8.52	63	23	14.251	ug/l #	45
70) Styrene	10.71	104	19	2.142	ug/l #	1
74) N-amyl acetate	10.91	43	91	1.762	ug/l #	40
76) 1,2,3-Trichloropropane	11.14	75	87776	21.183	ug/l #	37
80) 1,3,5-Trimethylbenzene	11.50	105	60	Below Cal	#	27
81) trans-1,4-Dichloro-2-buten	11.14	75	87776	57.464	ug/l #	10
83) tert-Butylbenzene	11.77	119	2061	0.215	ug/l	82
84) 1,2,4-Trimethylbenzene	11.80	105	219	Below Cal	#	45
85) sec-Butylbenzene	11.94	105	5676	0.486	ug/l #	77
86) p-Isopropyltoluene	12.23	119	2606	0.246	ug/l	93
87) 1,3-Dichlorobenzene	12.03	146	2416	0.382	ug/l	92
88) 1,4-Dichlorobenzene	12.03	146	2416	0.370	ug/l	91
90) Hexachloroethane	12.76	117	7144	4.053	ug/l #	3
91) 1,2-Dichlorobenzene	12.40	146	4331	0.656	ug/l	97
93) 1,2,4-Trichlorobenzene	13.65	180	16166	3.489	ug/l	96
95) Naphthalene	13.83	128	584	0.757	ug/l	96
96) 1,2,3-Trichlorobenzene	14.02	180	5335	1.115	ug/l	95

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

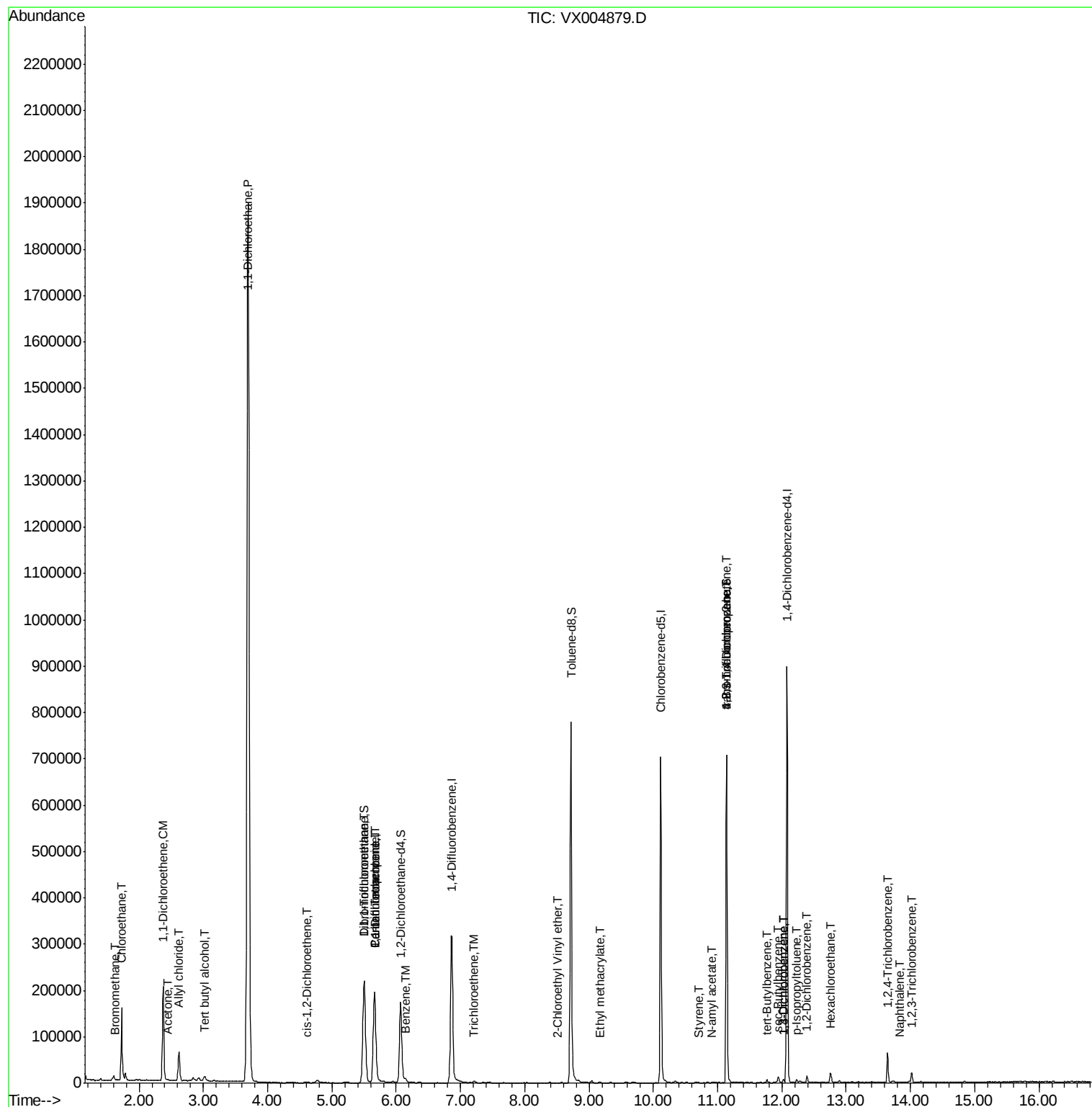
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

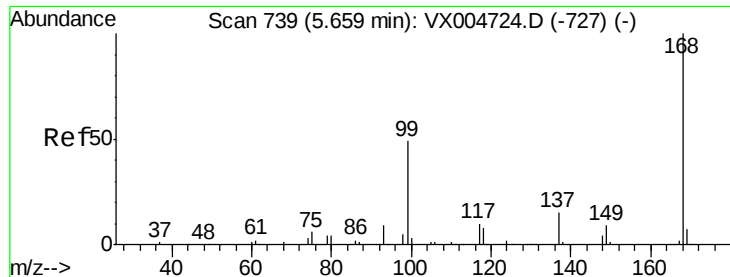
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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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: VX004879.D

Acq: 01 Oct 2018 19:03

Instrument :

MSVOA_X

ClientSampleId :

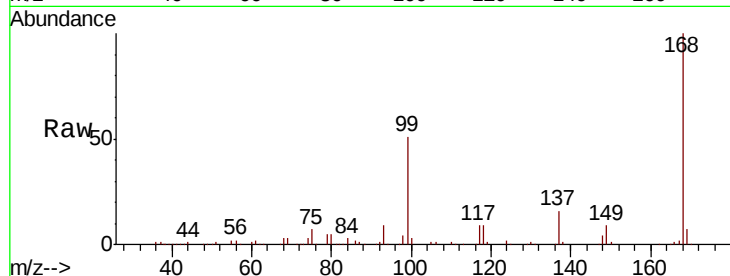
SA-TW508-3337

Tot Ion:168 Resp: 202987

Ion Ratio Lower Upper

168 100

99 51.1 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

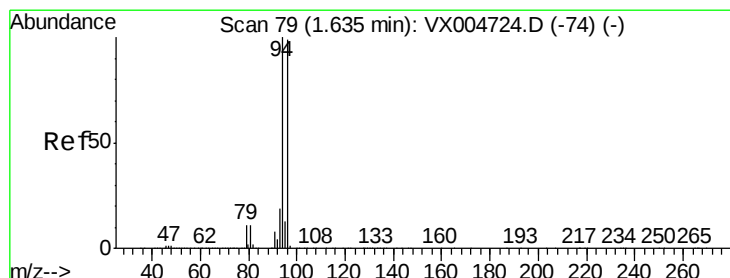
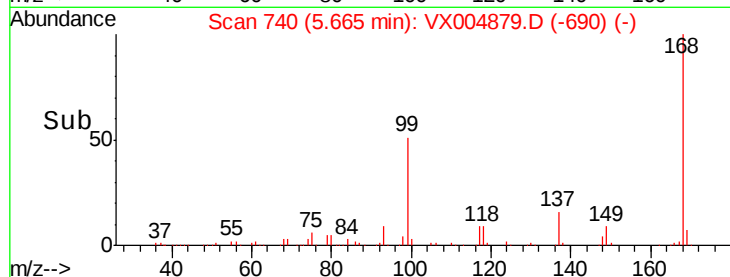
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 0.344 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX004879.D

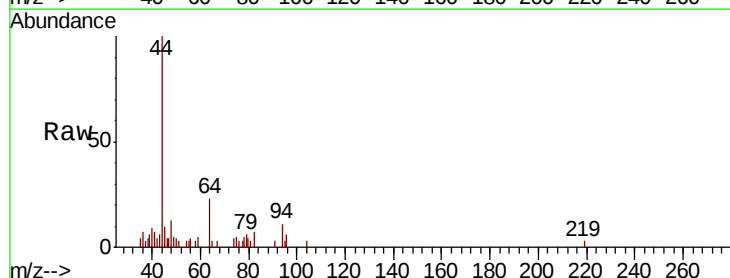
Acq: 01 Oct 2018 19:03

Tgt Ion: 94 Resp: 642

Ion Ratio Lower Upper

94 100

96 25.8 74.5 111.7#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

250

200

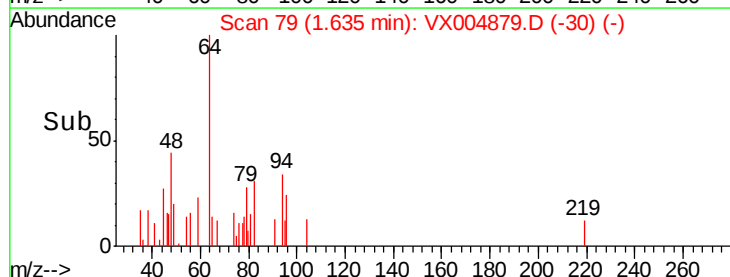
150

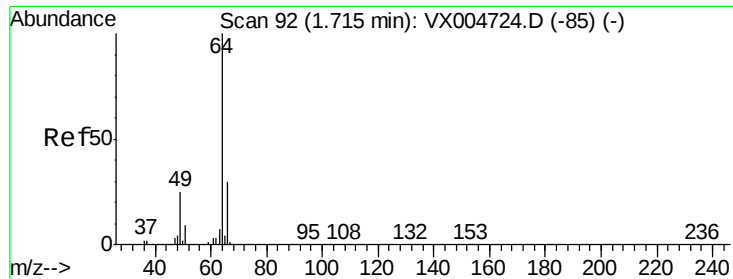
100

50

0

Time--> 1.60 1.65





#6

Chloroethane

Concen: 62.419 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX004879.D

Acq: 01 Oct 2018 19:03

Instrument :

MSVOA_X

ClientSampleId :

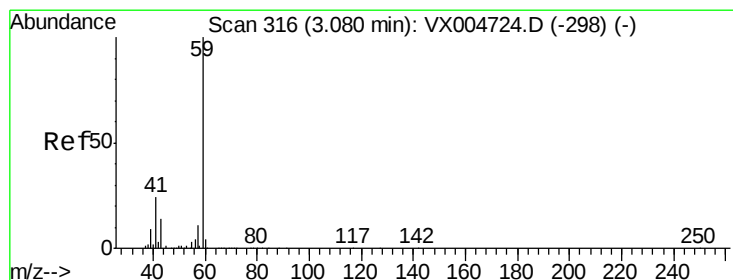
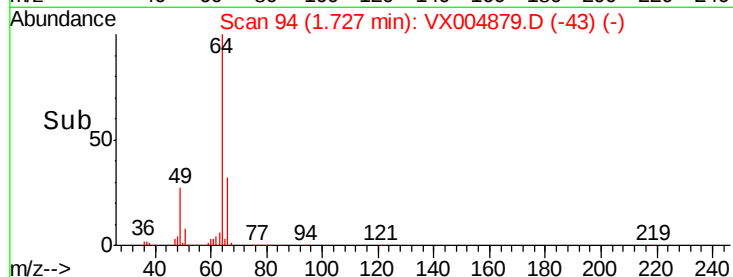
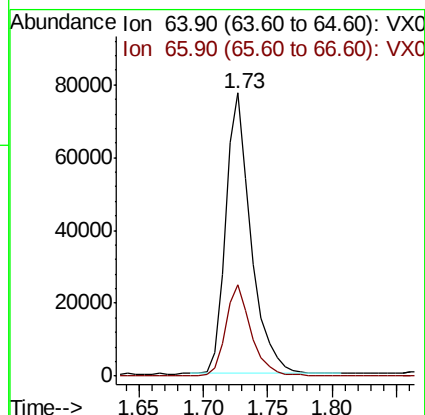
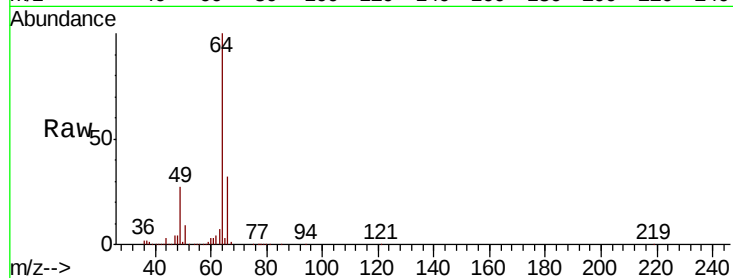
SA-TW508-3337

Tot Ion: 64 Resp: 106139

Ion Ratio Lower Upper

64 100

66 32.3 24.6 36.8



#11

Tert butyl alcohol

Concen: 7.981 ug/l

RT: 3.02 min Scan# 306

Delta R.T. -0.06 min

Lab File: VX004879.D

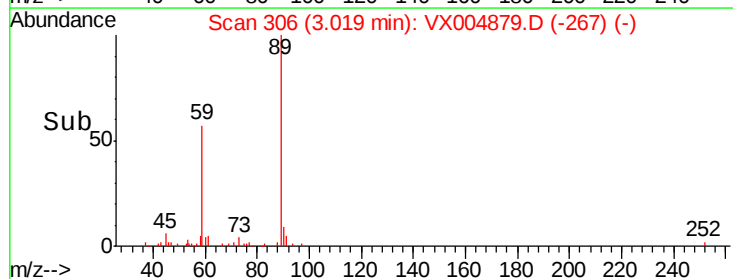
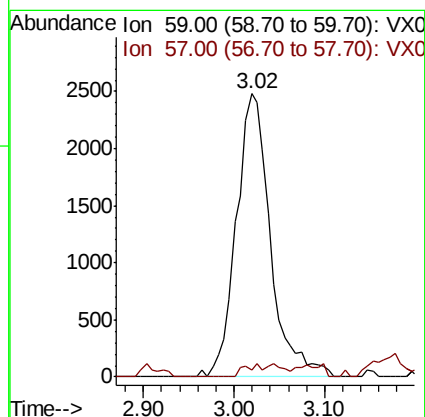
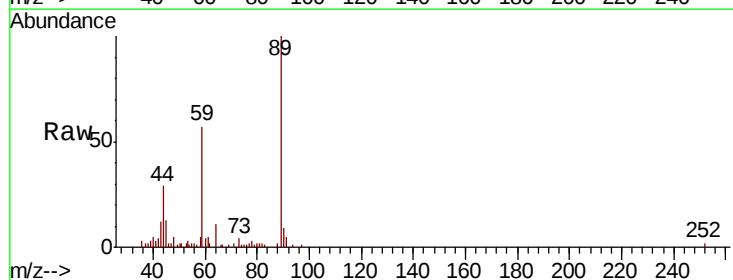
Acq: 01 Oct 2018 19:03

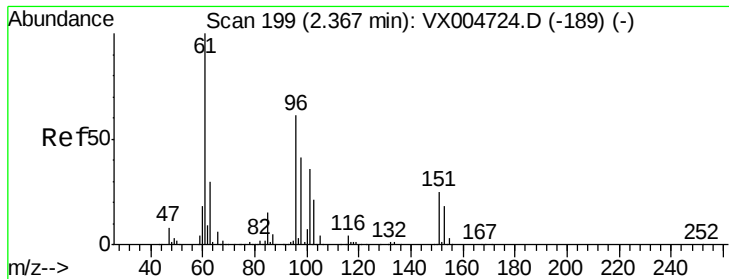
Tgt Ion: 59 Resp: 6471

Ion Ratio Lower Upper

59 100

57 1.3 8.2 12.4#





#12

1,1-Dichloroethene

Concen: 29.891 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.01 min

Lab File: VX004879.D

Acq: 01 Oct 2018 19:03

Instrument :

MSVOA_X

ClientSampleId :

SA-TW508-3337

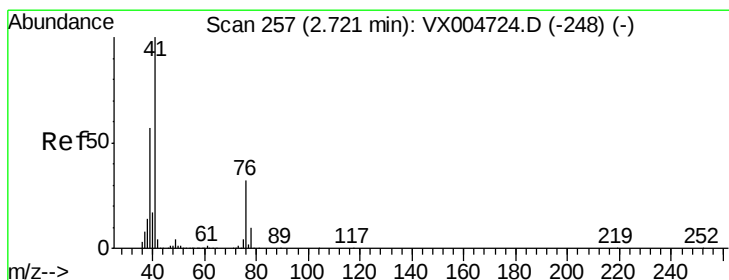
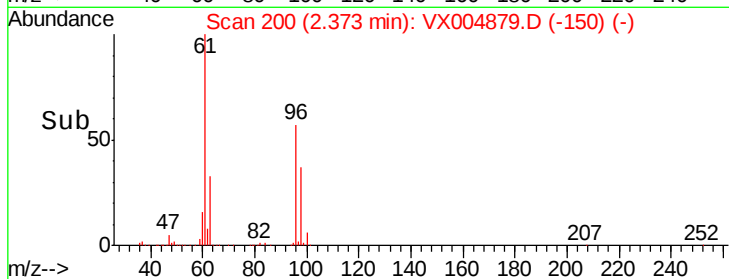
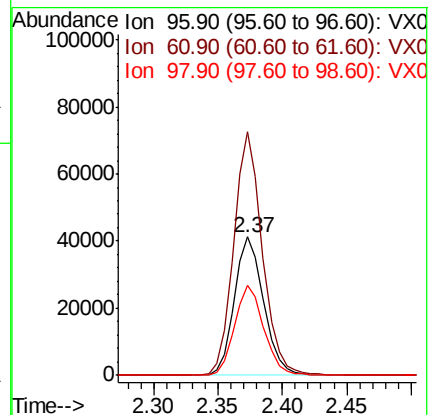
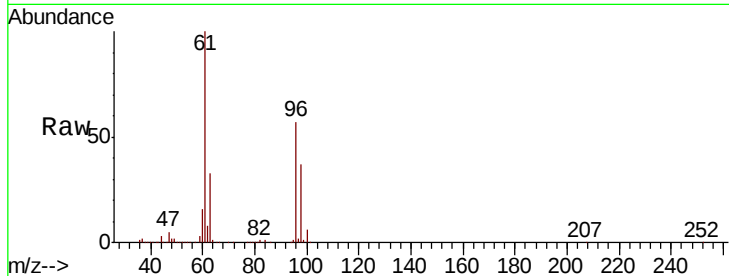
Tot Ion: 96 Resp: 65744

Ion Ratio Lower Upper

96 100

61 176.0 128.8 193.2

98 65.4 52.2 78.2



#14

Allyl chloride

Concen: 1.303 ug/l

RT: 2.62 min Scan# 240

Delta R.T. -0.10 min

Lab File: VX004879.D

Acq: 01 Oct 2018 19:03

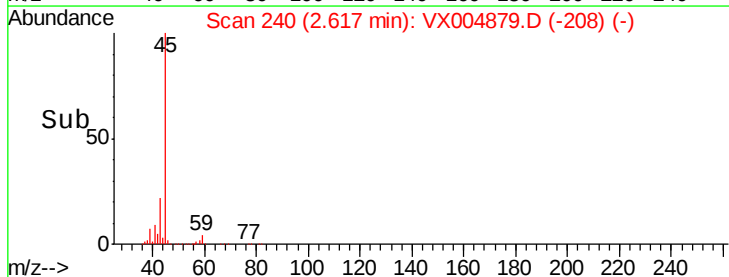
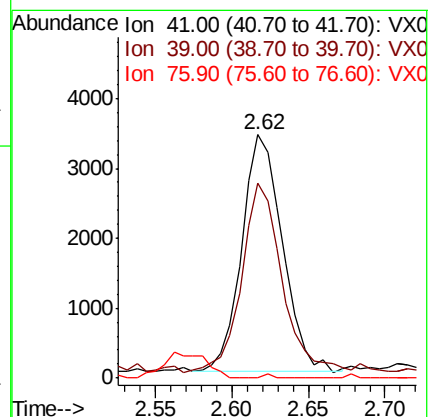
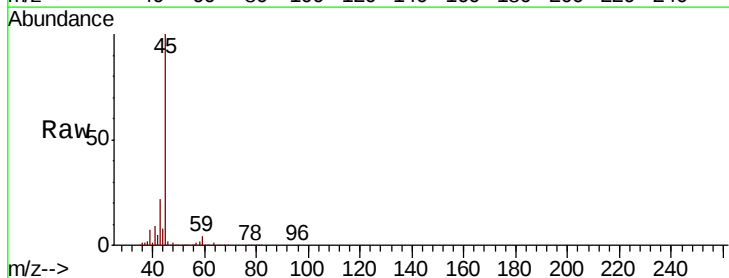
Tgt Ion: 41 Resp: 6251

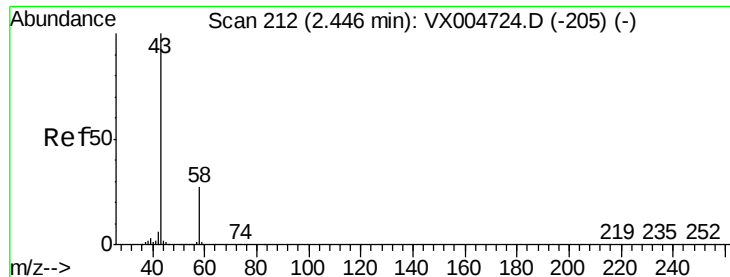
Ion Ratio Lower Upper

41 100

39 79.4 48.9 73.3#

76 0.0 26.7 40.1#





#16

Acetone

Concen: 1.886 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX004879.D

Acq: 01 Oct 2018 19:03

Instrument :

MSVOA_X

ClientSampleId :

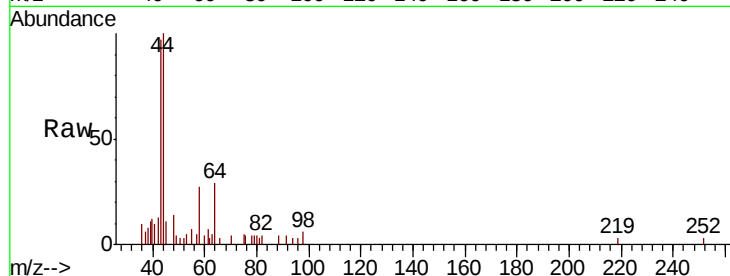
SA-TW508-3337

Tot Ion: 43 Resp: 3192

Ion Ratio Lower Upper

43 100

58 28.9 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

2000

1500

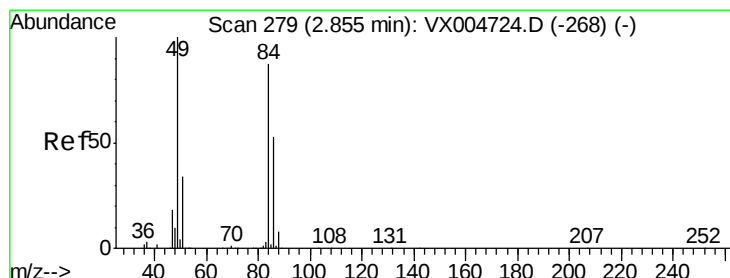
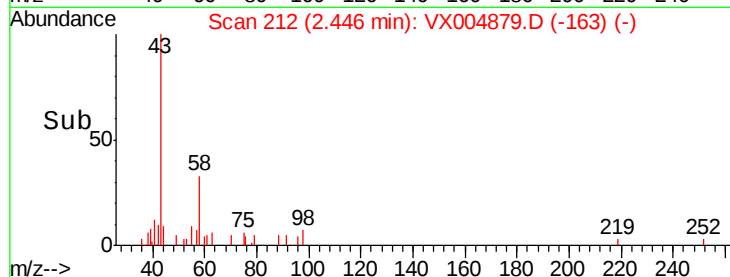
1000

500

0

2.40 2.45 2.50

Time-->



#20

Methylene Chloride

Concen: Below Cal

RT: 2.86 min Scan# 280

Delta R.T. 0.01 min

Lab File: VX004879.D

Acq: 01 Oct 2018 19:03

Tgt Ion: 84 Resp: 417

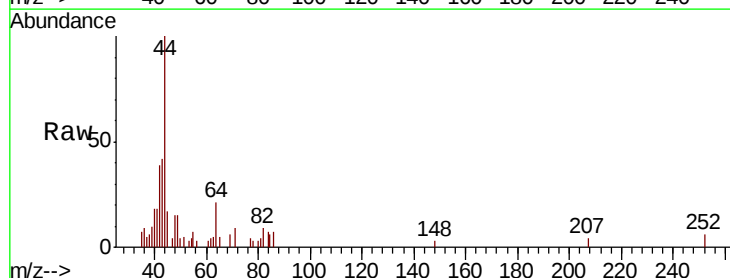
Ion Ratio Lower Upper

84 100

49 109.8 101.2 151.8

51 8.9 29.5 44.3#

86 51.6 52.3 78.5#



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

400

300

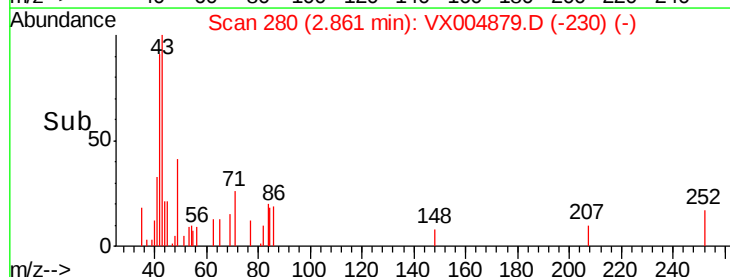
200

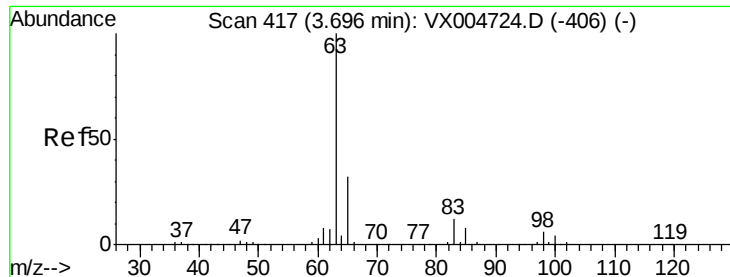
100

0

2.80 2.85 2.90

Time-->





#24

1,1-Dichloroethane

Concen: 464.765 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX004879.D

Acq: 01 Oct 2018 19:03

Instrument :

MSVOA_X

ClientSampleId :

SA-TW508-3337

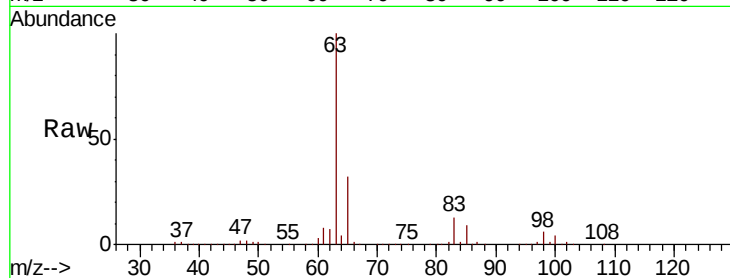
Tot Ion: 63 Resp: 2240375

Ion Ratio Lower Upper

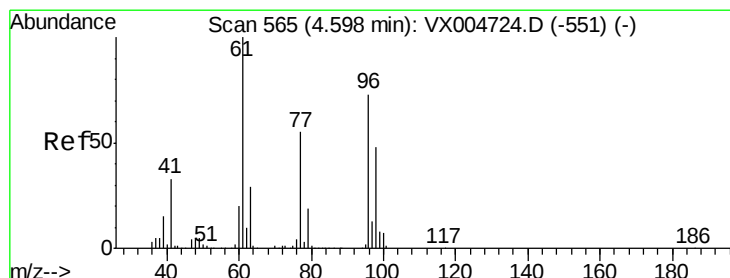
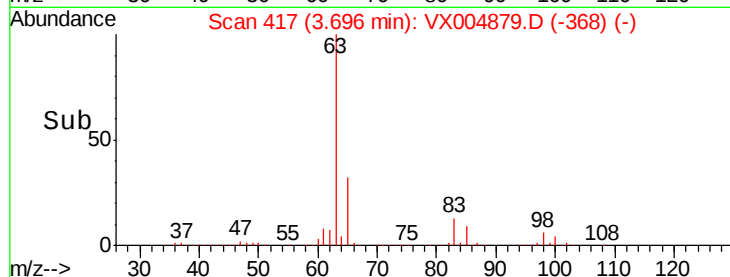
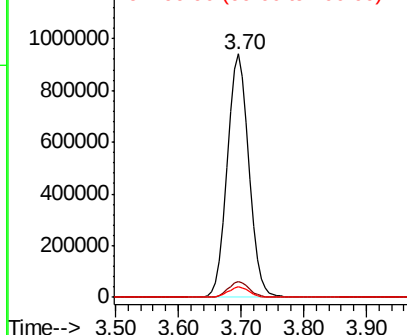
63 100

98 6.3 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



#27

cis-1,2-Dichloroethene

Concen: 0.362 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

Lab File: VX004879.D

Acq: 01 Oct 2018 19:03

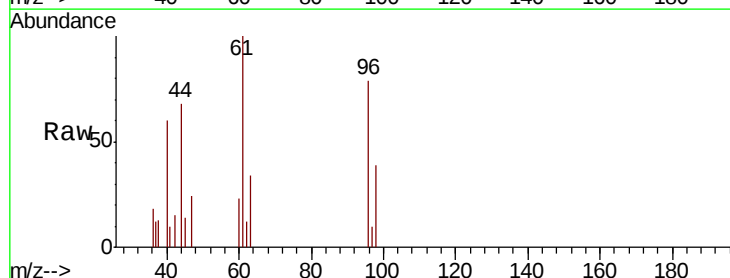
Tgt Ion: 96 Resp: 974

Ion Ratio Lower Upper

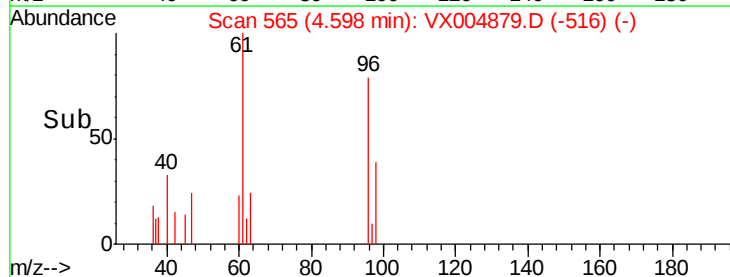
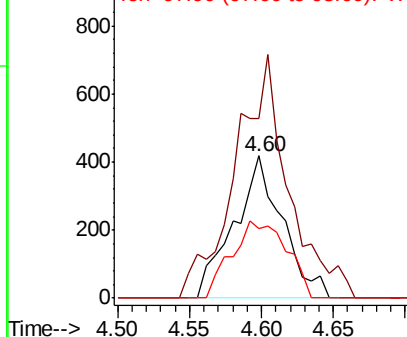
96 100

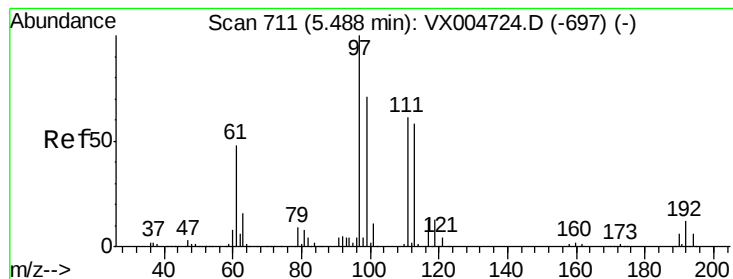
61 189.5 0.0 282.6

98 62.1 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





#32

1,1,1-Trichloroethane

Concen: 14.953 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.01 min

Lab File: VX004879.D

Acq: 01 Oct 2018 19:03

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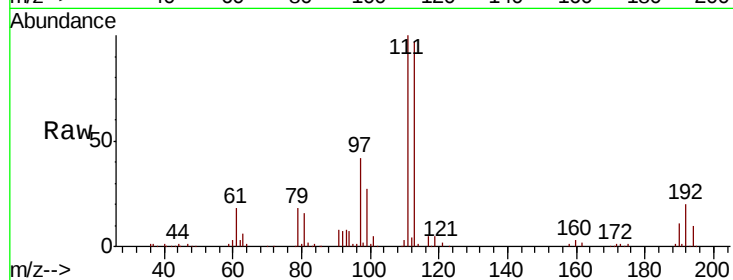
Tot Ion: 97 Resp: 55633

Ion Ratio Lower Upper

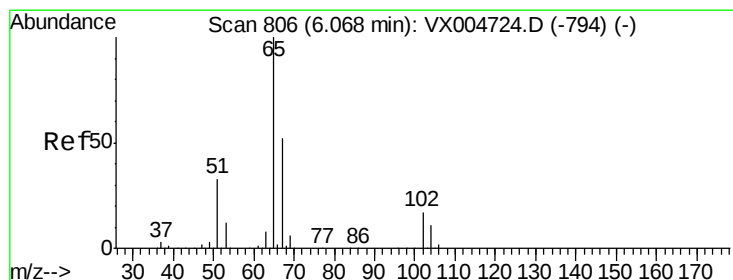
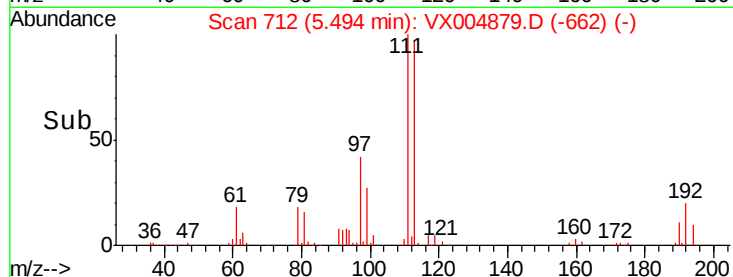
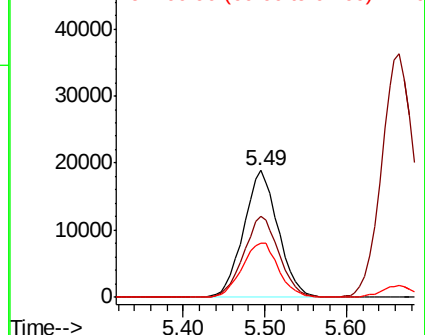
97 100

99 64.9 52.0 78.0

61 45.1 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: 56.757 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004879.D

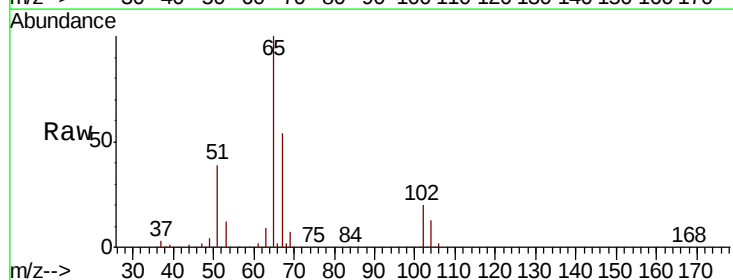
Acq: 01 Oct 2018 19:03

Tgt Ion: 65 Resp: 164577

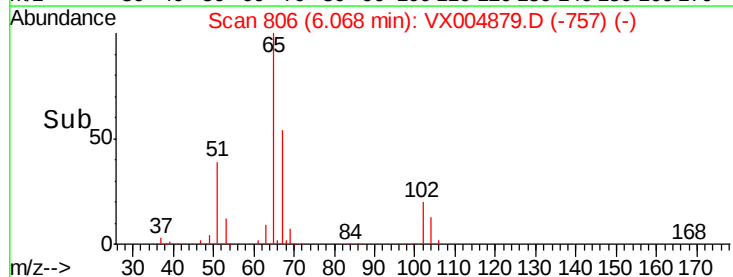
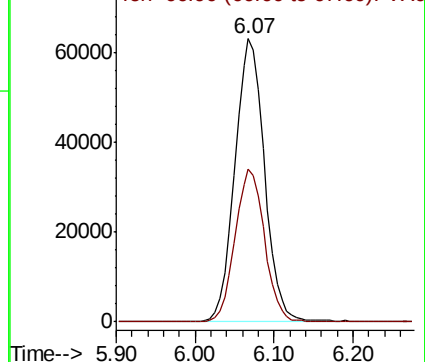
Ion Ratio Lower Upper

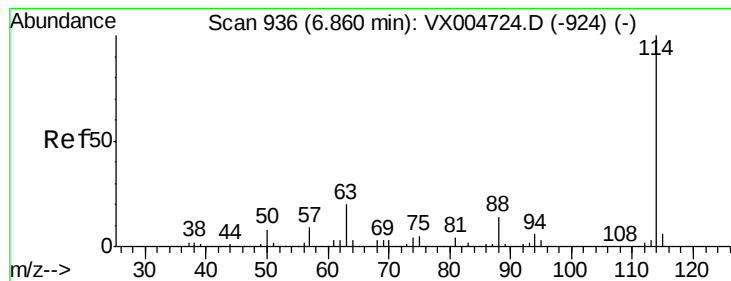
65 100

67 53.6 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 937

Delta R.T. 0.01 min

Lab File: VX004879.D

Acq: 01 Oct 2018 19:03

Instrument :

MSVOA_X

ClientSampleId :

SA-TW508-3337

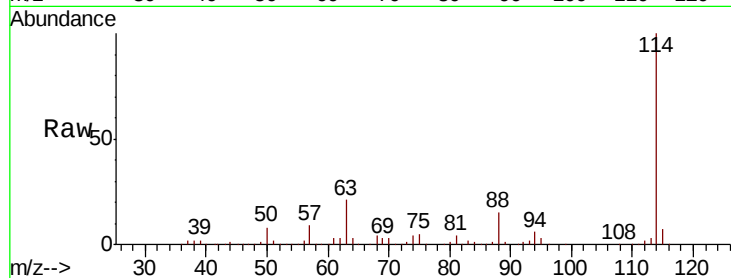
Tot Ion:114 Resp: 336231

Ion Ratio Lower Upper

114 100

63 20.6 0.0 39.0

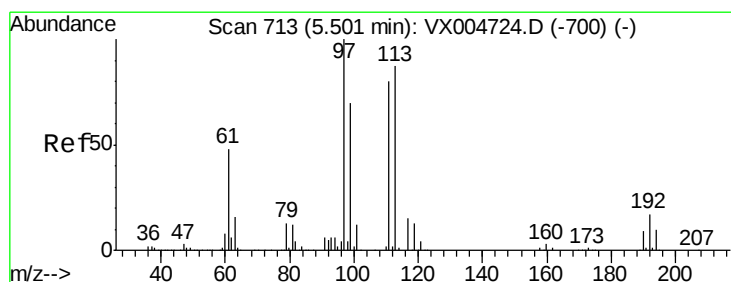
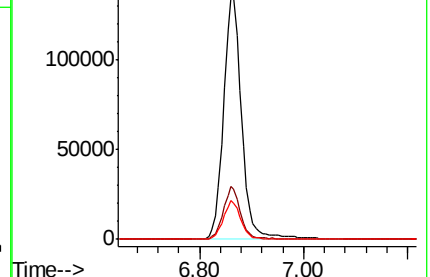
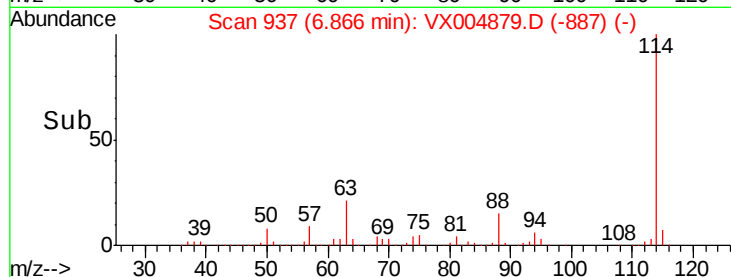
88 14.8 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 48.981 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX004879.D

Acq: 01 Oct 2018 19:03

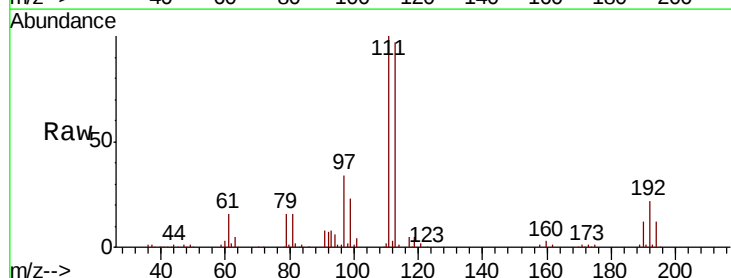
Tgt Ion:113 Resp: 139577

Ion Ratio Lower Upper

113 100

111 102.7 82.4 123.6

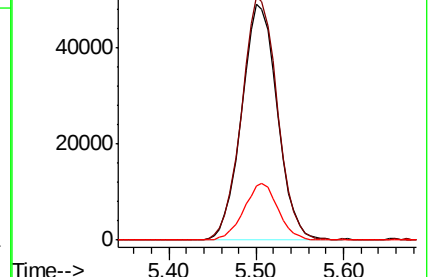
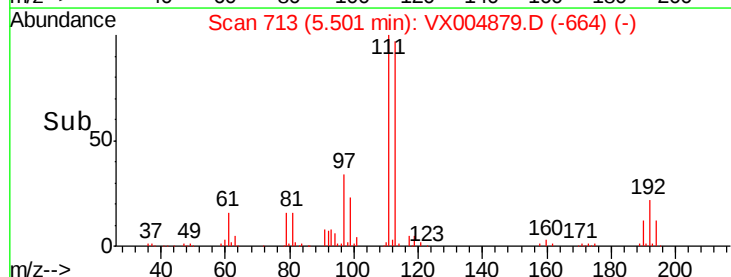
192 23.0 19.4 29.2

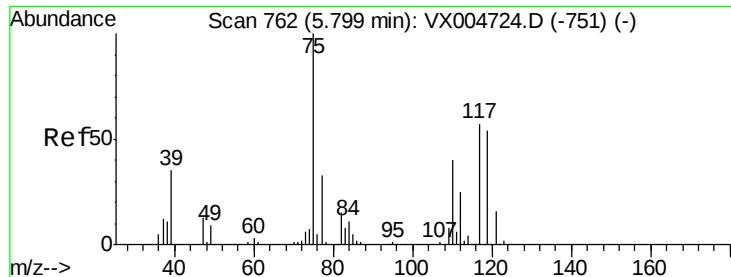


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 3.680 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX004879.D

Acq: 01 Oct 2018 19:03

Instrument :

MSVOA_X

ClientSampleId :

SA-TW508-3337

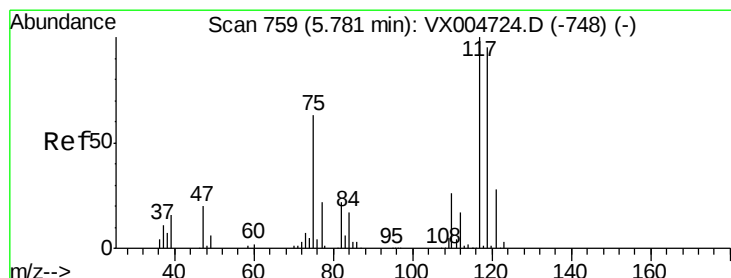
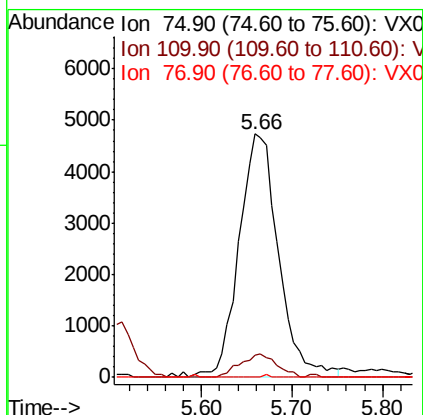
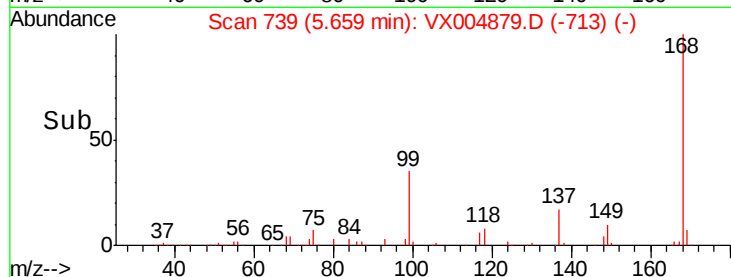
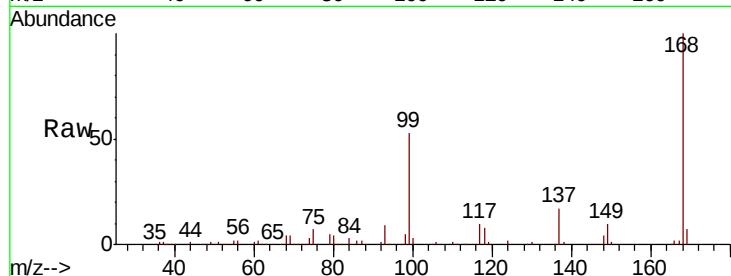
Tot Ion: 75 Resp: 14306

Ion Ratio Lower Upper

75 100

110 9.0 18.0 54.0#

77 0.1 24.6 36.8#



#38

Carbon Tetrachloride

Concen: 4.544 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX004879.D

Acq: 01 Oct 2018 19:03

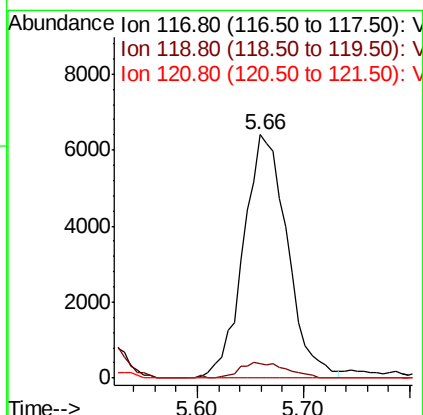
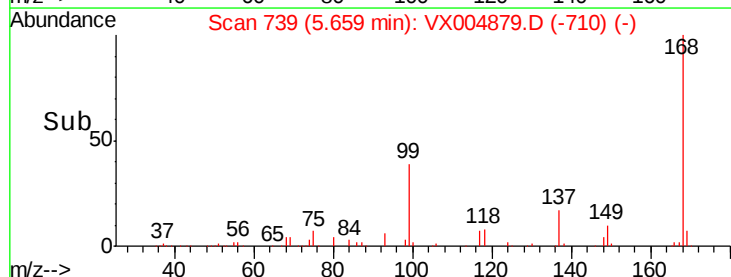
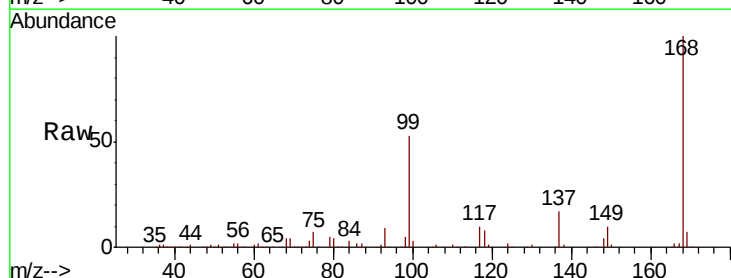
Tgt Ion: 117 Resp: 18572

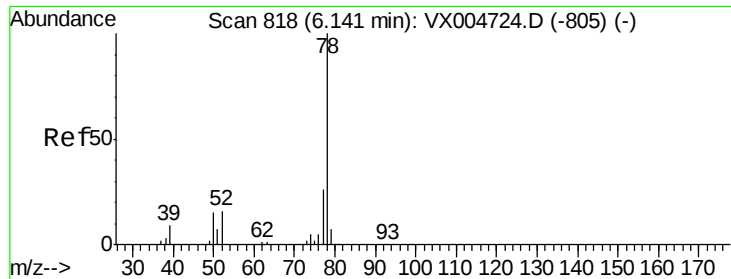
Ion Ratio Lower Upper

117 100

119 6.0 78.8 118.2#

121 0.0 24.9 37.3#





#40

Benzene

Concen: 0.805 ug/l

RT: 6.14 min Scan# 818

Delta R.T. -0.00 min

Lab File: VX004879.D

Acq: 01 Oct 2018 19:03

Instrument :

MSVOA_X

ClientSampleId :

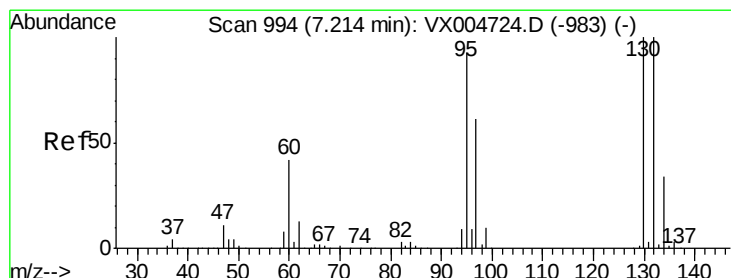
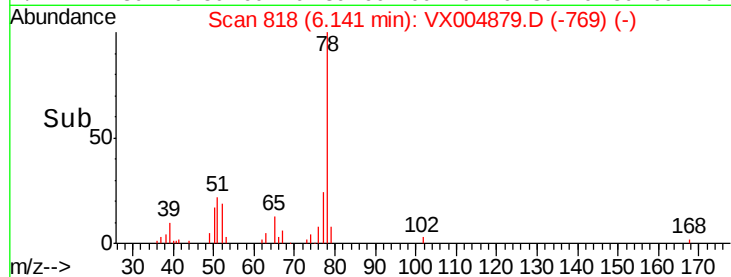
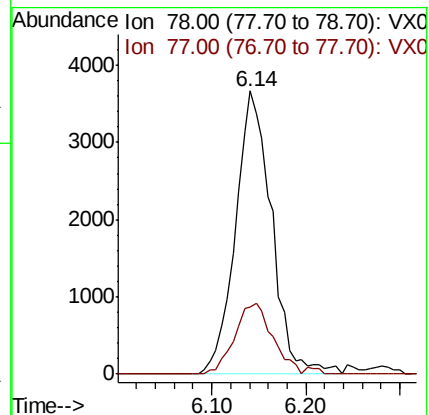
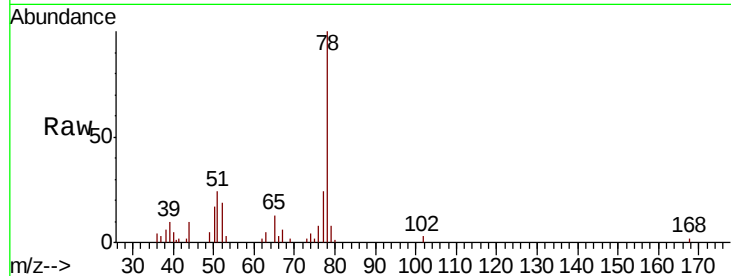
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Tot Ion: 78 Resp: 9801

Ion Ratio Lower Upper

78 100

77 23.5 19.0 28.4



#44

Trichloroethene

Concen: 0.424 ug/l

RT: 7.21 min Scan# 993

Delta R.T. -0.01 min

Lab File: VX004879.D

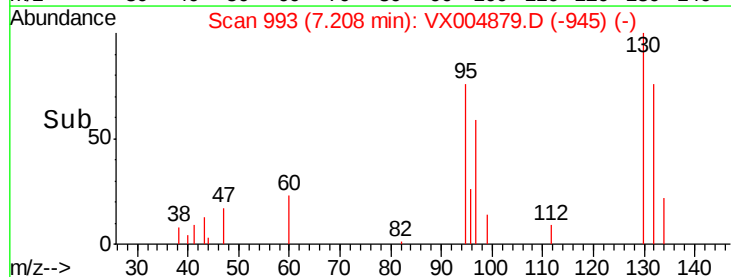
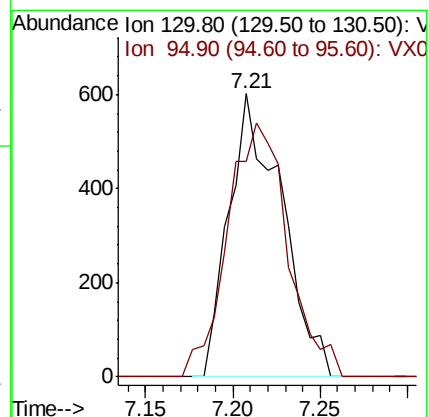
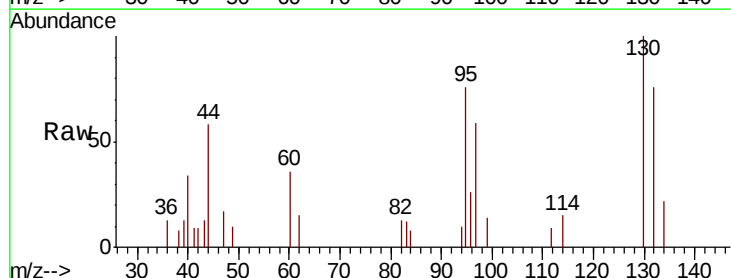
Acq: 01 Oct 2018 19:03

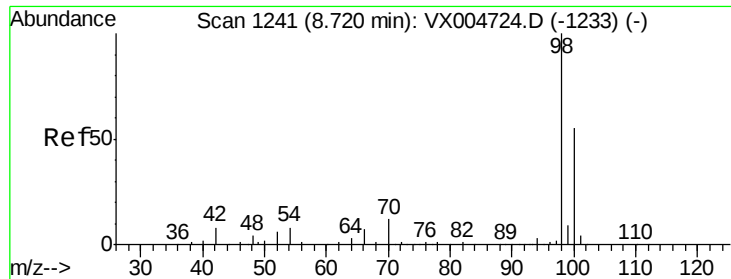
Tgt Ion:130 Resp: 1268

Ion Ratio Lower Upper

130 100

95 76.1 0.0 181.6

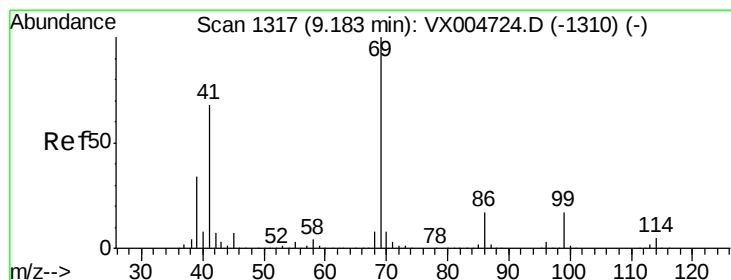
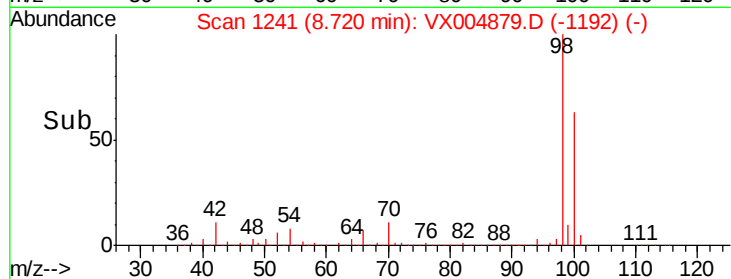
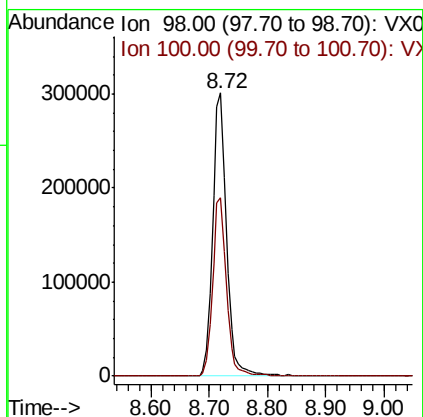
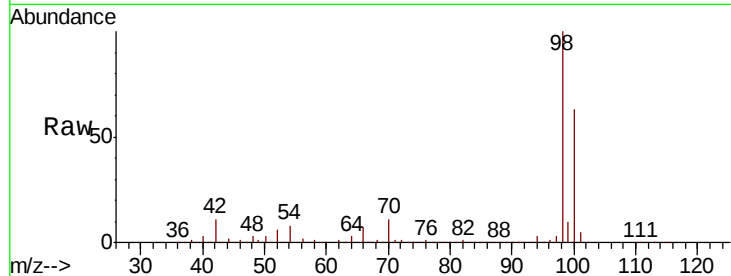




#50
Toluene-d8
Concen: 52.403 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX004879.D
Acq: 01 Oct 2018 19:03

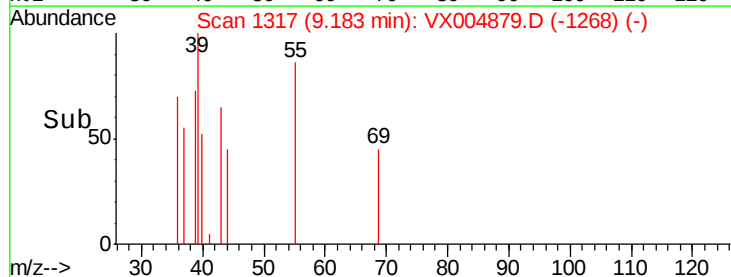
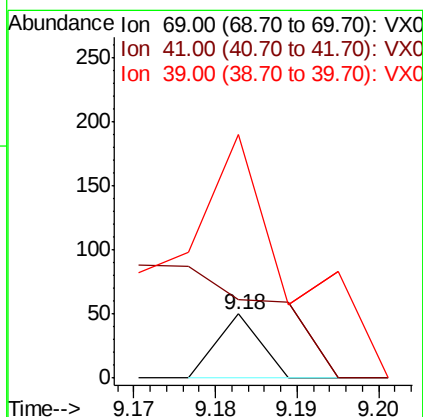
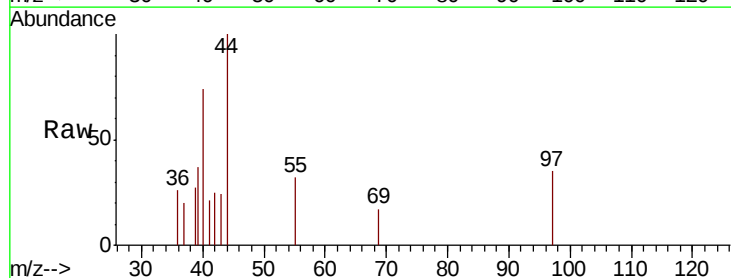
Instrument :
MSVOA_X
ClientSampleId :
SA-TW508-3337

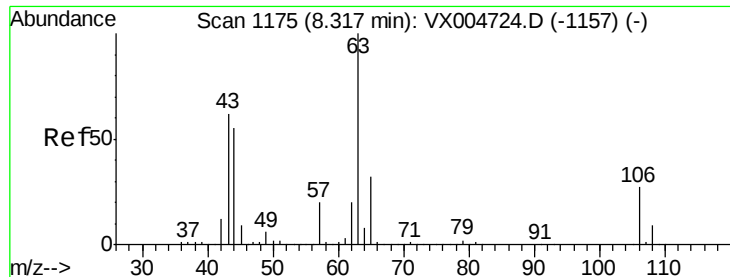
Tot Ion: 98 Resp: 496441
Ion Ratio Lower Upper
98 100
100 62.9 52.9 79.3



#56
Ethyl methacrylate
Concen: 2.866 ug/l
RT: 9.18 min Scan# 1317
Delta R.T. 0.00 min
Lab File: VX004879.D
Acq: 01 Oct 2018 19:03

Tgt Ion: 69 Resp: 18
Ion Ratio Lower Upper
69 100
41 0.0 51.0 76.4#
39 0.0 26.1 39.1#

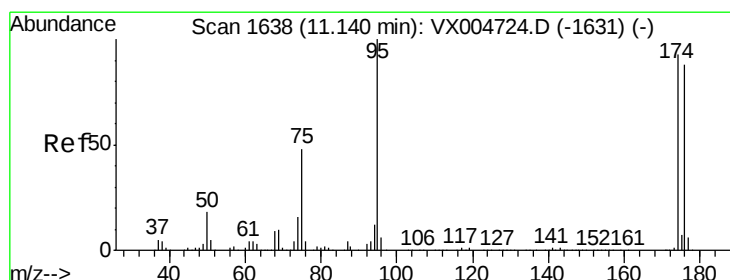
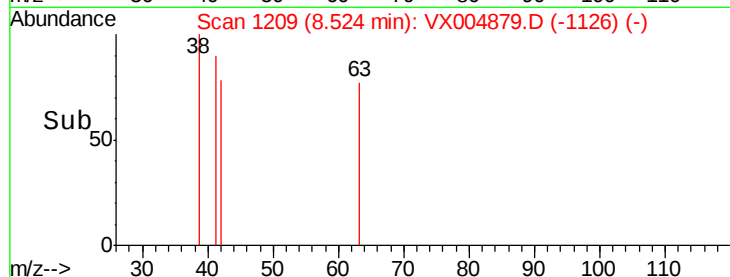
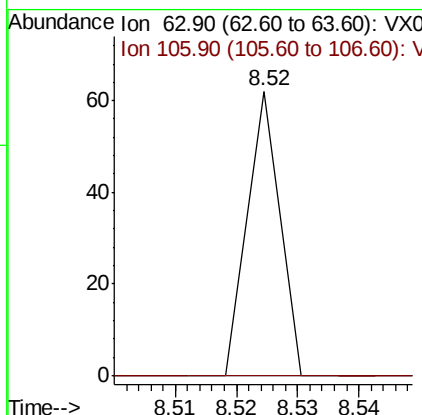
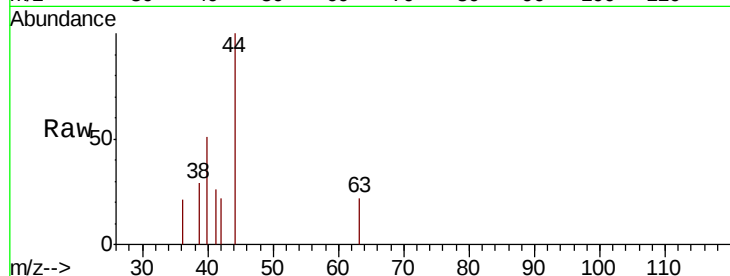




#58
 2-Chloroethyl Vinyl ether
 Concen: 14.251 ug/l
 RT: 8.52 min Scan# 1209
 Delta R.T. 0.21 min
 Lab File: VX004879.D
 Acq: 01 Oct 2018 19:03

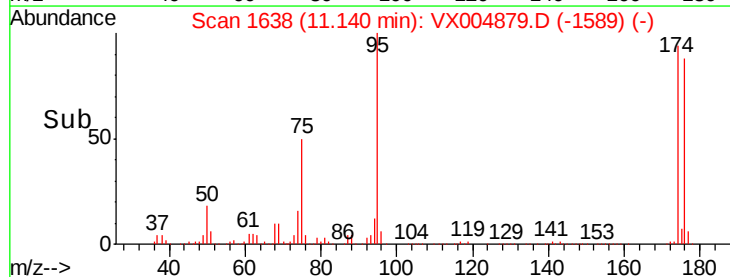
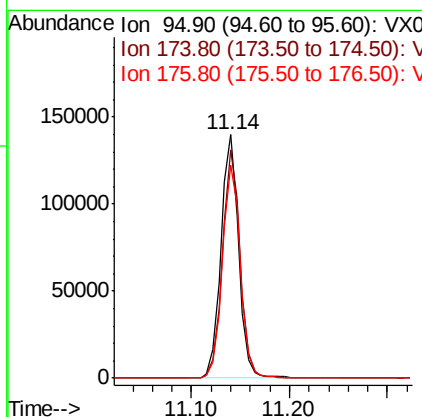
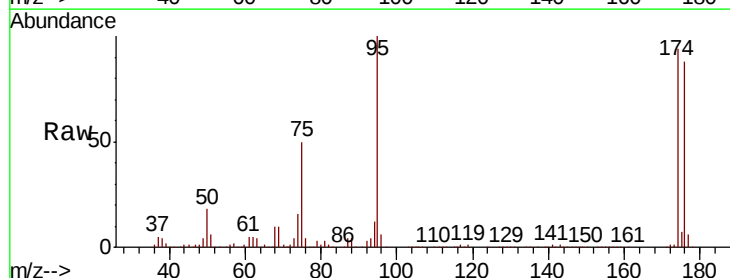
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW508-3337

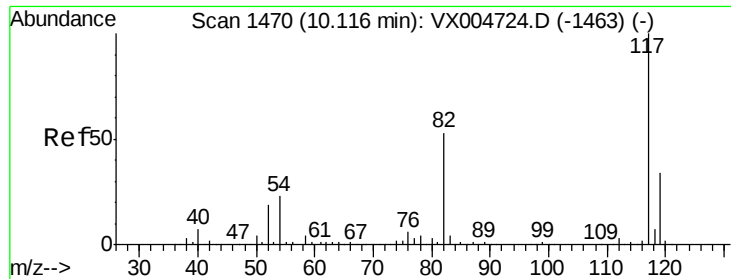
Tot Ion: 63 Resp: 23
 Ion Ratio Lower Upper
 63 100
 106 0.0 23.9 35.9#



#62
 4-Bromofluorobenzene
 Concen: 51.257 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. -0.00 min
 Lab File: VX004879.D
 Acq: 01 Oct 2018 19:03

Tgt Ion: 95 Resp: 174935
 Ion Ratio Lower Upper
 95 100
 174 93.5 0.0 185.2
 176 89.3 0.0 178.6

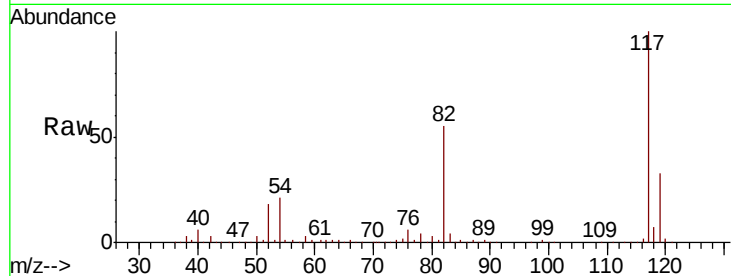




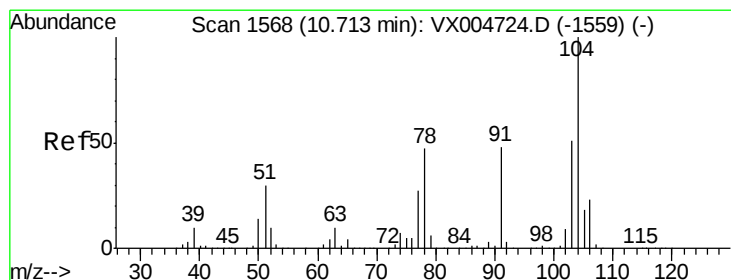
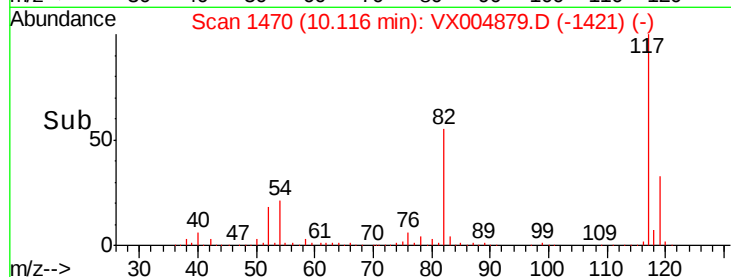
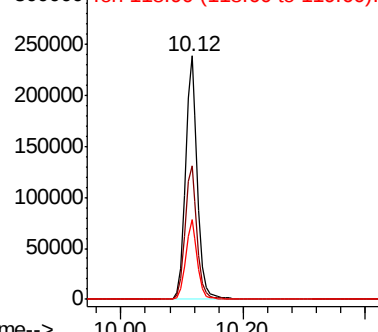
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004879.D
Acq: 01 Oct 2018 19:03

Instrument :
MSVOA_X
ClientSampleId :
SA-TW508-3337

Tot Ion:117 Resp: 333672
Ion Ratio Lower Upper
117 100
82 55.0 47.8 71.6
119 32.6 29.3 43.9

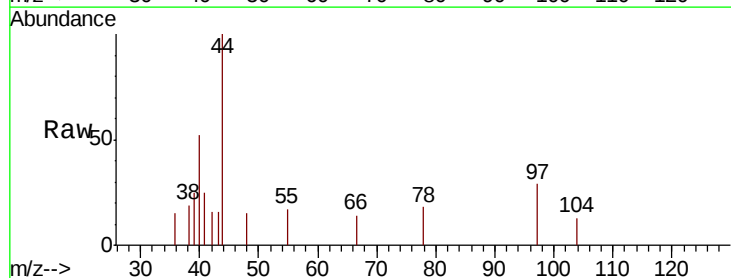


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

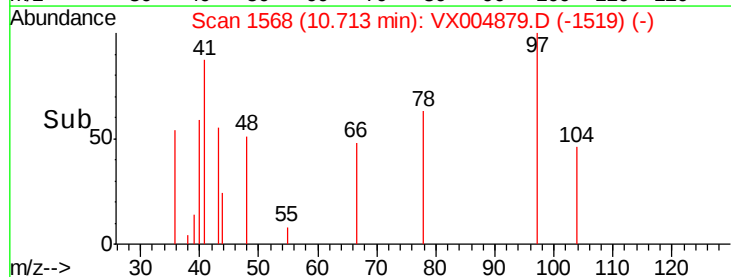
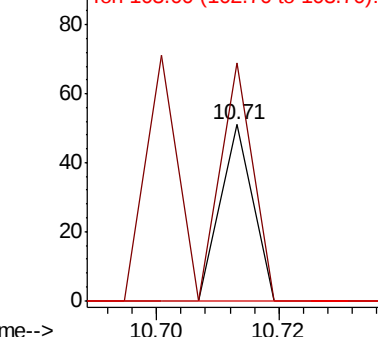


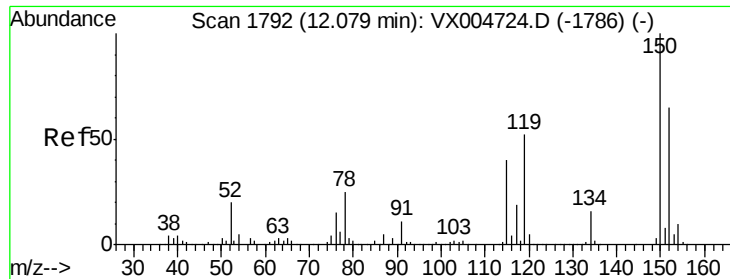
#70
Styrene
Concen: 2.142 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX004879.D
Acq: 01 Oct 2018 19:03

Tgt Ion:104 Resp: 19
Ion Ratio Lower Upper
104 100
78 268.4 37.4 56.0#
103 0.0 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



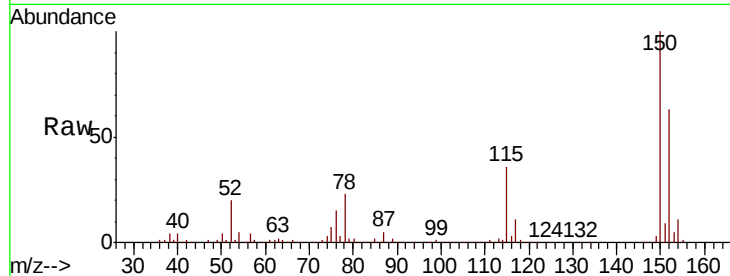


#72

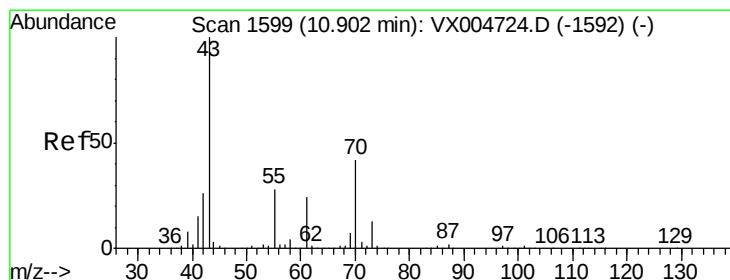
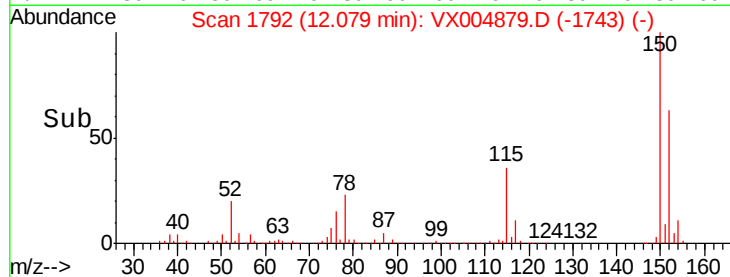
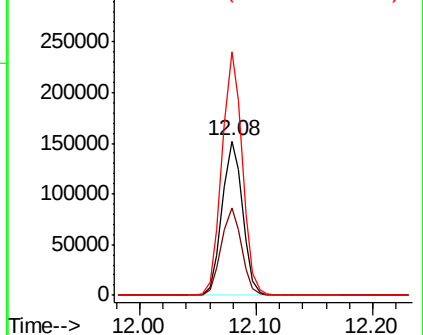
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004879.D
Acq: 01 Oct 2018 19:03

Instrument :
MSVOA_X
ClientSampleId :
SA-TW508-3337

Tot Ion:152 Resp: 184876
Ion Ratio Lower Upper
152 100
115 56.3 39.0 117.0
150 157.3 0.0 351.0



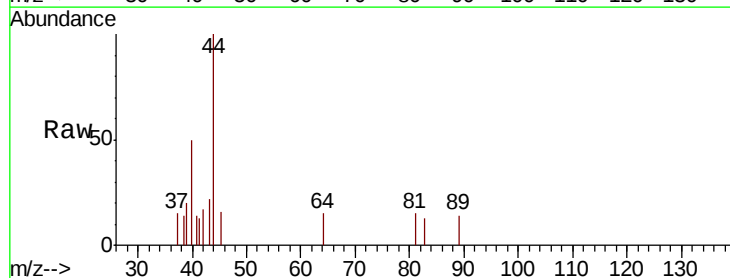
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



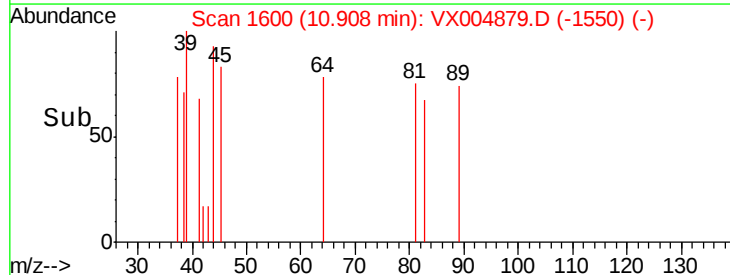
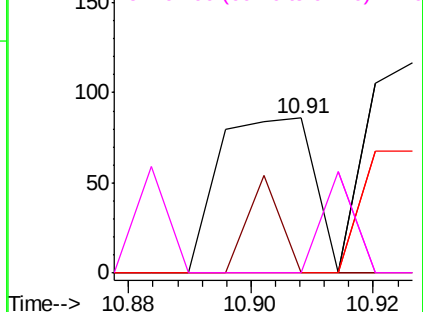
#74

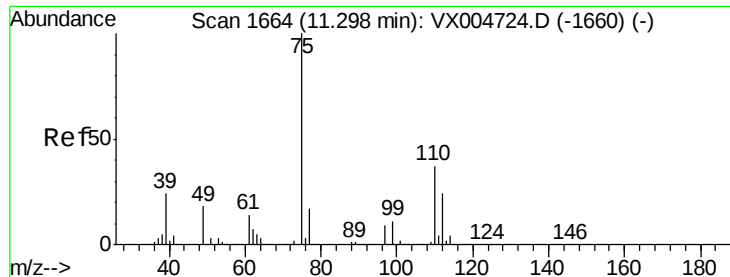
N-ethyl acetate
Concen: 1.762 ug/l
RT: 10.91 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VX004879.D
Acq: 01 Oct 2018 19:03

Tgt Ion: 43 Resp: 91
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

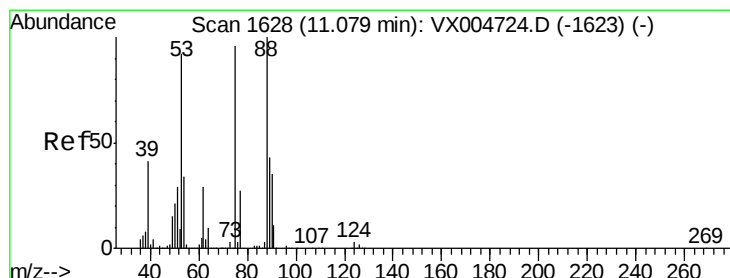
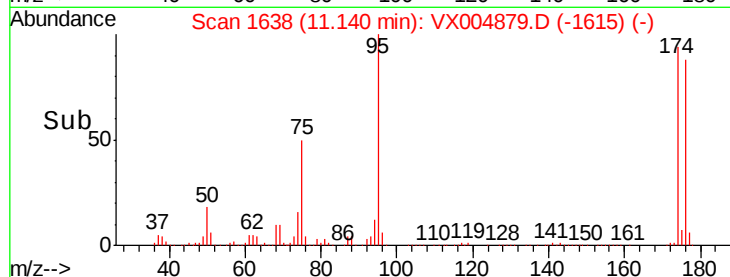
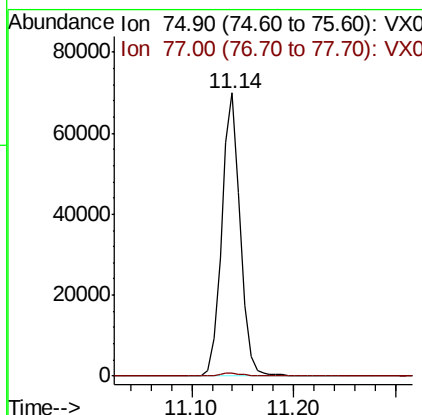
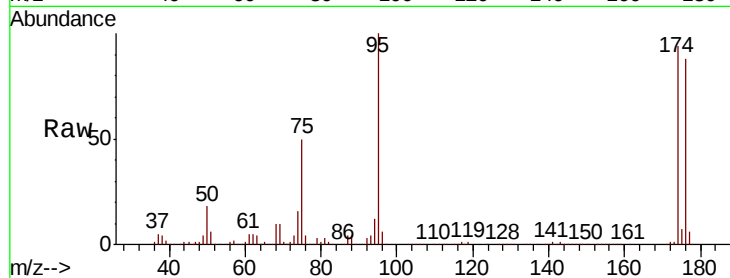




#76
 1,2,3-Trichloropropane
 Concen: 21.183 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. -0.16 min
 Lab File: VX004879.D
 Acq: 01 Oct 2018 19:03

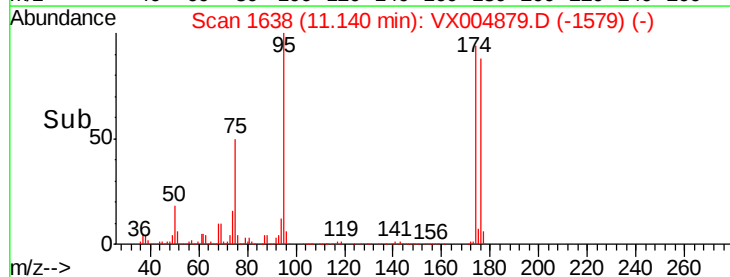
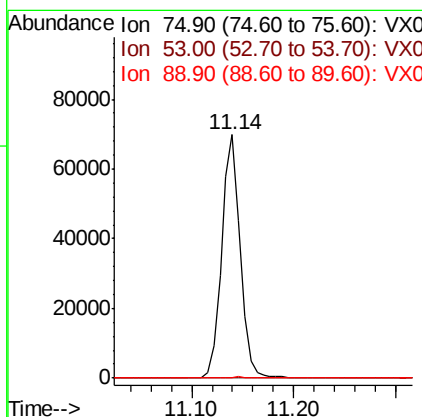
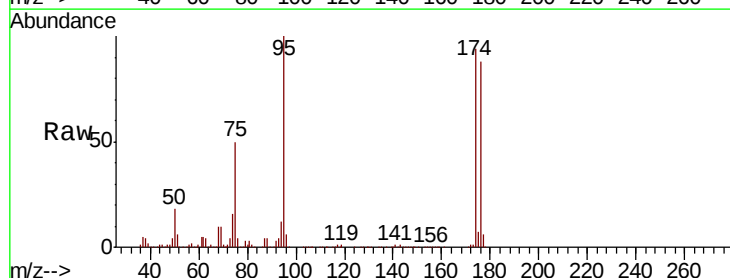
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW508-3337

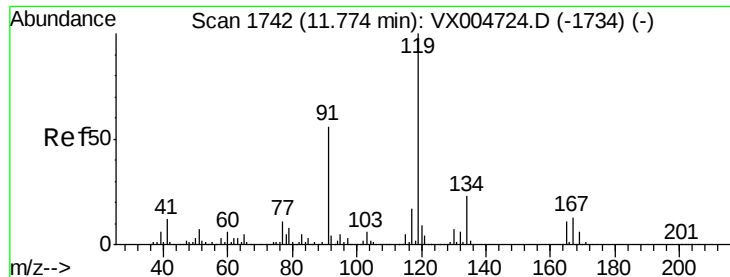
Tot Ion: 75 Resp: 87776
 Ion Ratio Lower Upper
 75 100
 77 1.4 20.2 60.6#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 57.464 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. 0.06 min
 Lab File: VX004879.D
 Acq: 01 Oct 2018 19:03

Tgt Ion: 75 Resp: 87776
 Ion Ratio Lower Upper
 75 100
 53 0.4 80.1 120.1#
 89 0.4 37.2 55.8#

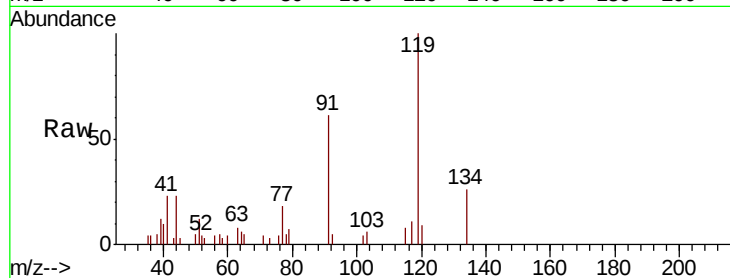




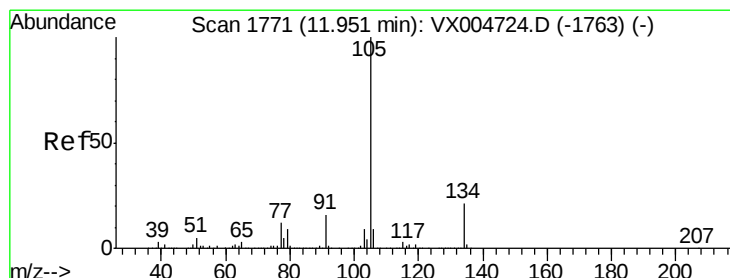
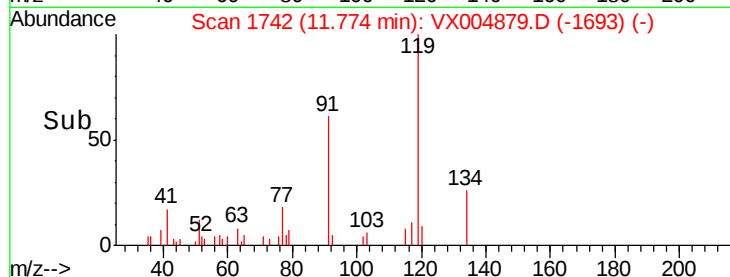
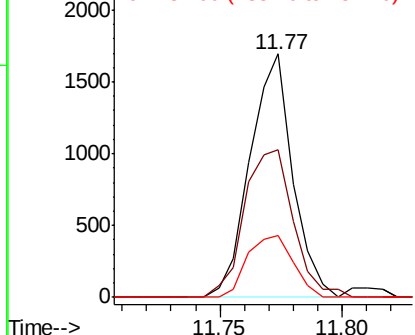
#83
tert-Butylbenzene
Concen: 0.215 ug/l
RT: 11.77 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX004879.D
Acq: 01 Oct 2018 19:03

Instrument :
MSVOA_X
ClientSampleId :
SA-TW508-3337

Tot Ion:119 Resp: 2061
Ion Ratio Lower Upper
119 100
91 69.7 27.0 81.0
134 27.4 11.7 35.1

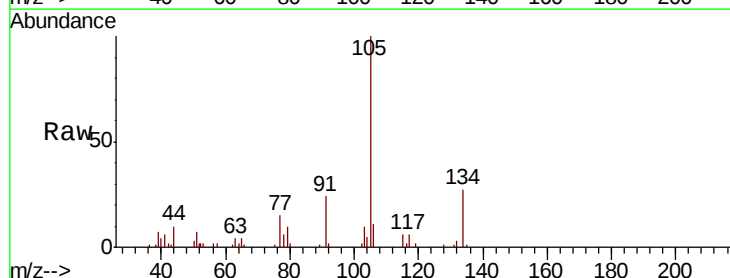


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX0
Ion 134.00 (133.70 to 134.70): V

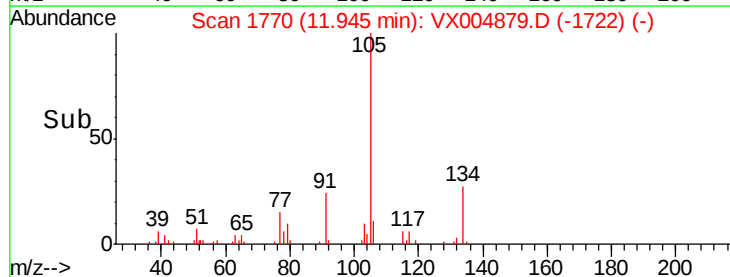
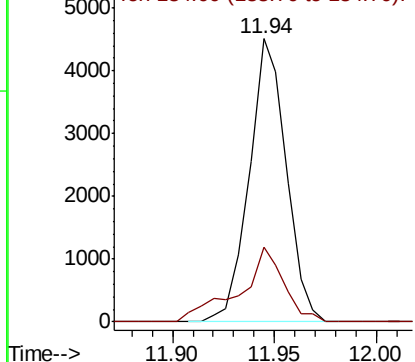


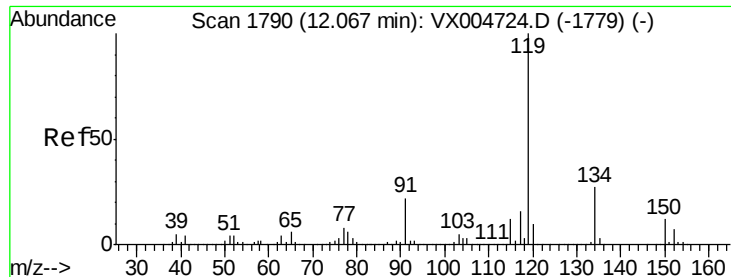
#85
sec-Butylbenzene
Concen: 0.486 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. -0.01 min
Lab File: VX004879.D
Acq: 01 Oct 2018 19:03

Tgt Ion:105 Resp: 5676
Ion Ratio Lower Upper
105 100
134 31.8 10.5 31.5#



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 134.00 (133.70 to 134.70): V

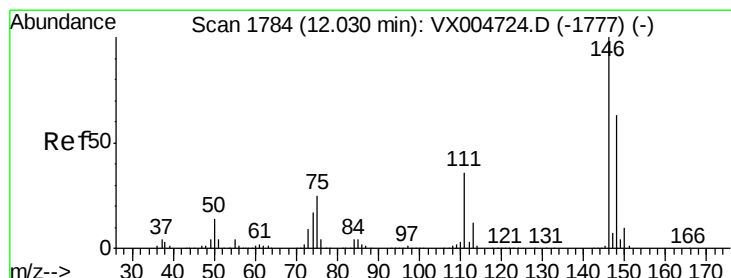
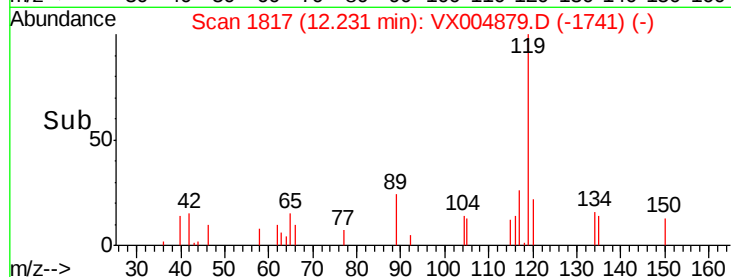
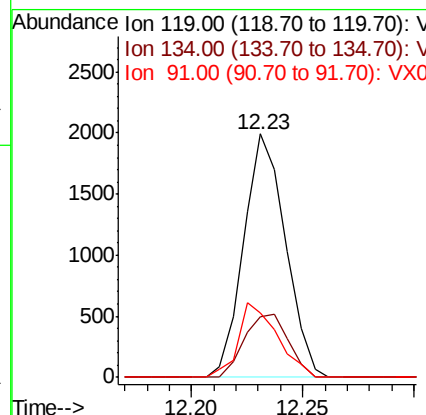
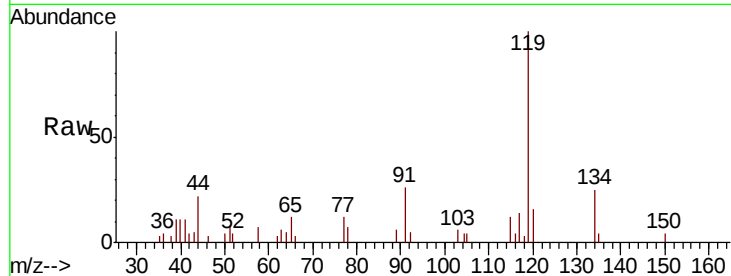




#86
 p-Isopropyltoluene
 Concen: 0.246 ug/l
 RT: 12.23 min Scan# 1817
 Delta R.T. 0.16 min
 Lab File: VX004879.D
 Acq: 01 Oct 2018 19:03

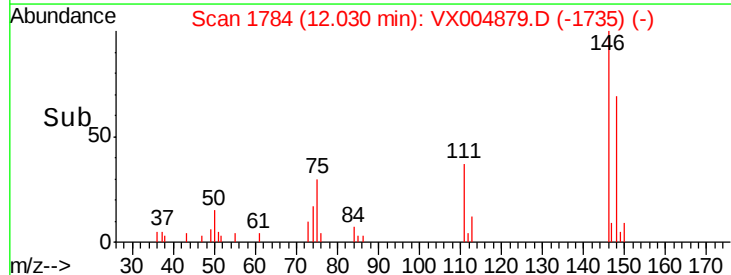
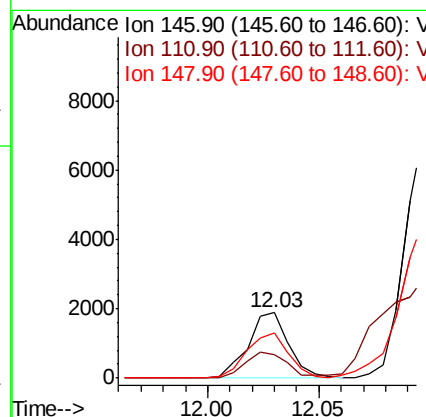
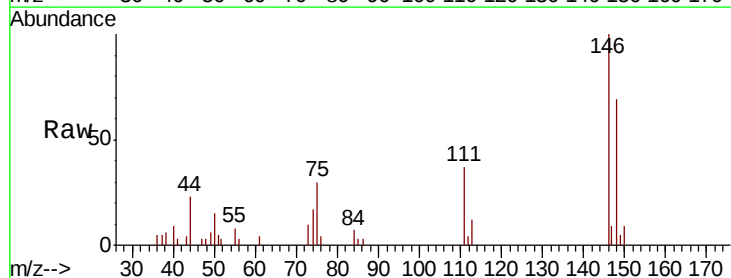
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW508-3337

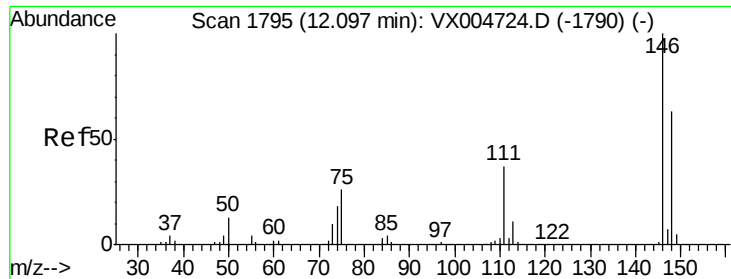
Tot Ion:119 Resp: 2606
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.4 40.2
 91 28.7 10.9 32.7



#87
 1,3-Dichlorobenzene
 Concen: 0.382 ug/l
 RT: 12.03 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: VX004879.D
 Acq: 01 Oct 2018 19:03

Tgt Ion:146 Resp: 2416
 Ion Ratio Lower Upper
 146 100
 111 41.4 18.7 56.1
 148 71.6 32.1 96.5

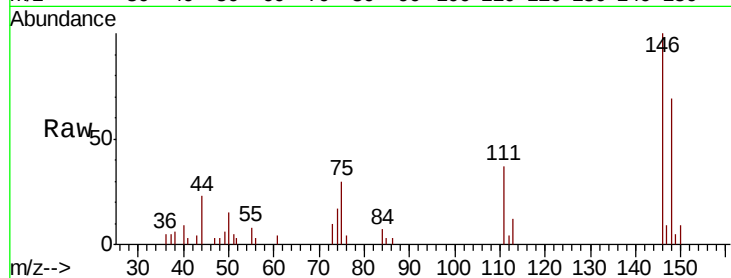




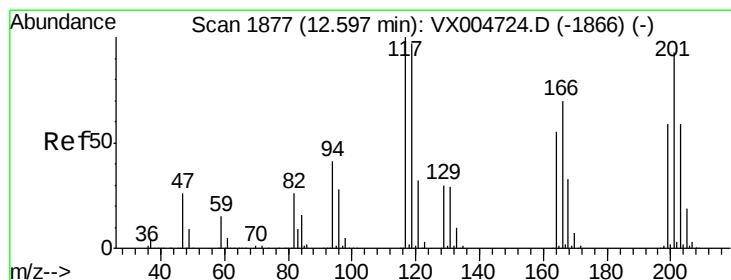
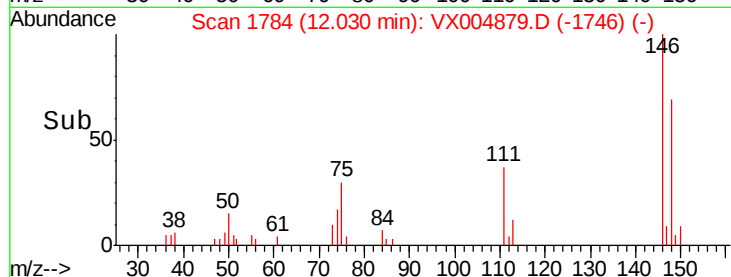
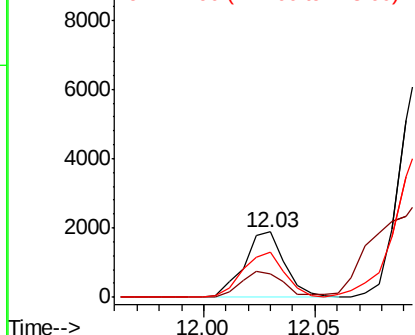
#88
 1,4-Dichlorobenzene
 Concen: 0.370 ug/l
 RT: 12.03 min Scan# 1784
 Delta R.T. -0.07 min
 Lab File: VX004879.D
 Acq: 01 Oct 2018 19:03

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW508-3337

Tot Ion:146 Resp: 2416
 Ion Ratio Lower Upper
 146 100
 111 41.4 18.1 54.1
 148 71.6 32.0 96.0

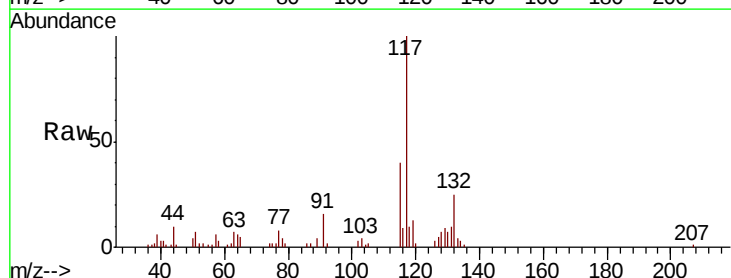


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

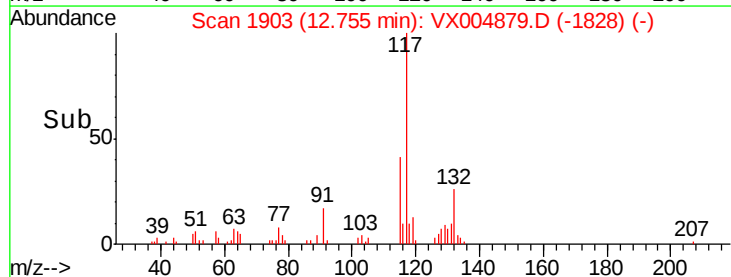
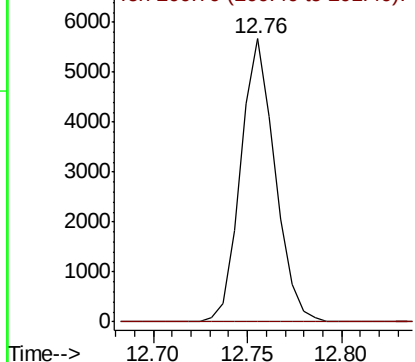


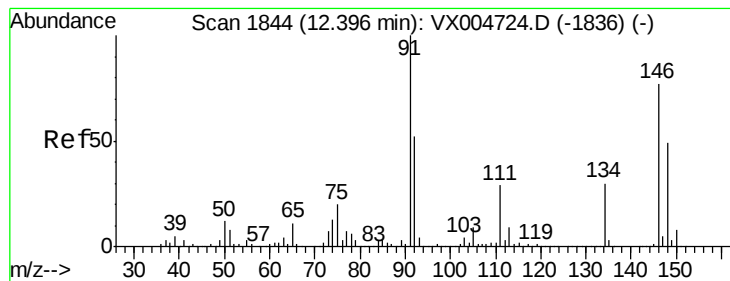
#90
 Hexachloroethane
 Concen: 4.053 ug/l
 RT: 12.76 min Scan# 1903
 Delta R.T. 0.16 min
 Lab File: VX004879.D
 Acq: 01 Oct 2018 19:03

Tgt Ion:117 Resp: 7144
 Ion Ratio Lower Upper
 117 100
 201 0.0 46.9 140.6#



Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 0.656 ug/l

RT: 12.40 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VX004879.D

Acq: 01 Oct 2018 19:03

Instrument :

MSVOA_X

ClientSampleId :

SA-TW508-3337

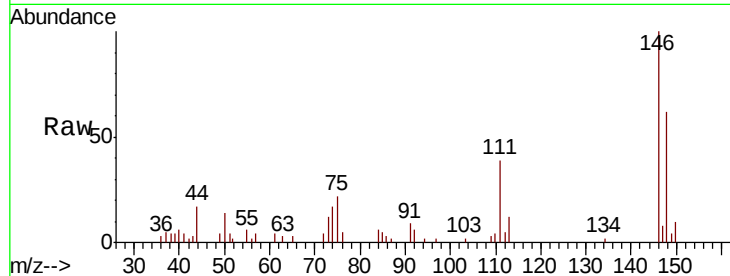
Tot Ion:146 Resp: 4331

Ion Ratio Lower Upper

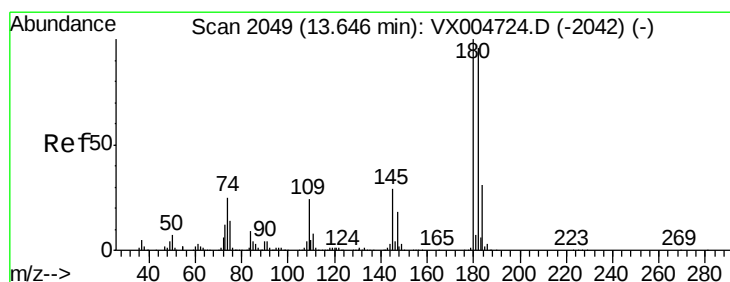
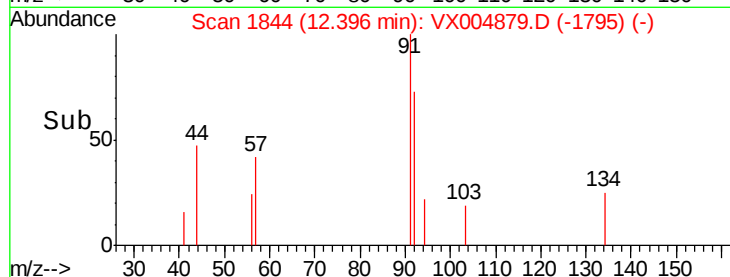
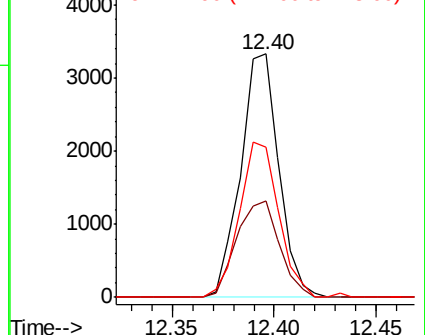
146 100

111 44.2 19.4 58.1

148 65.3 32.8 98.3



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#93

1,2,4-Trichlorobenzene

Concen: 3.489 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. -0.00 min

Lab File: VX004879.D

Acq: 01 Oct 2018 19:03

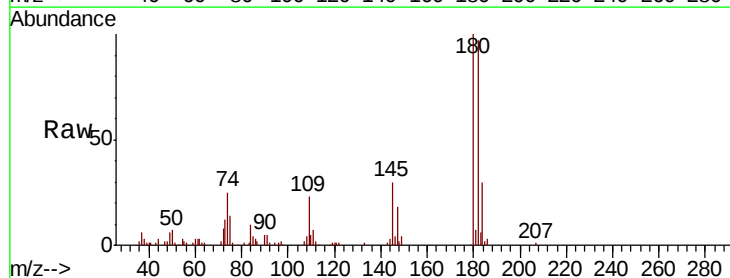
Tgt Ion:180 Resp: 16166

Ion Ratio Lower Upper

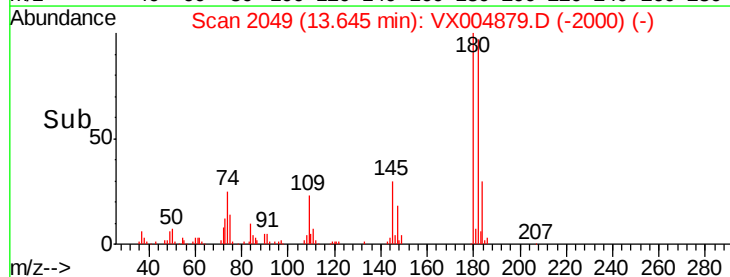
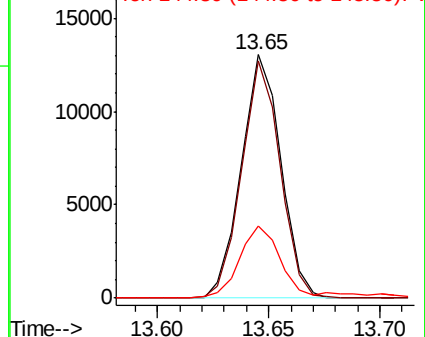
180 100

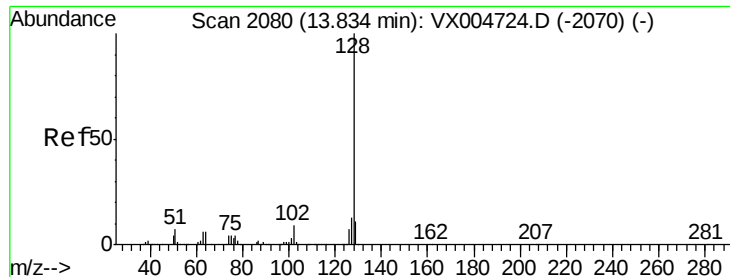
182 94.7 48.4 145.0

145 33.4 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: 0.757 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX004879.D

Acq: 01 Oct 2018 19:03

Instrument :

MSVOA_X

ClientSampleId :

SA-TW508-3337

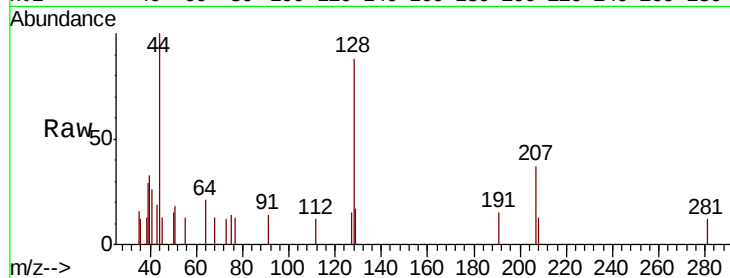
Tot Ion:128 Resp: 584

Ion Ratio Lower Upper

128 100

127 14.7 10.2 15.2

129 11.8 8.6 12.8

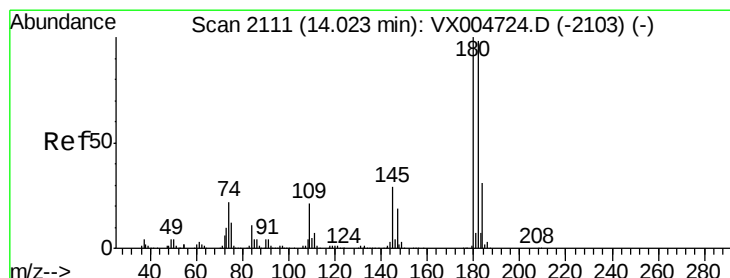
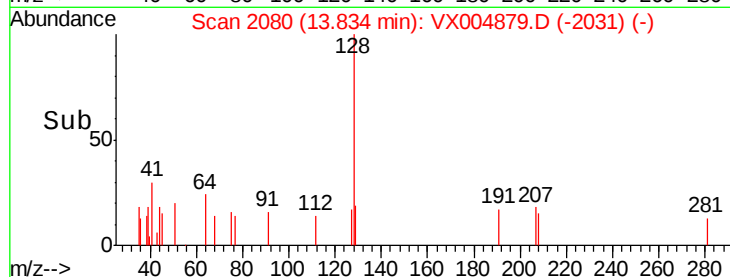
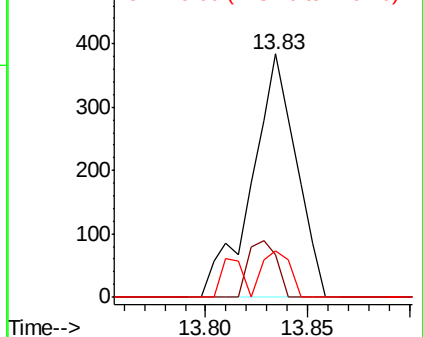


Abundance

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: 1.115 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VX004879.D

Acq: 01 Oct 2018 19:03

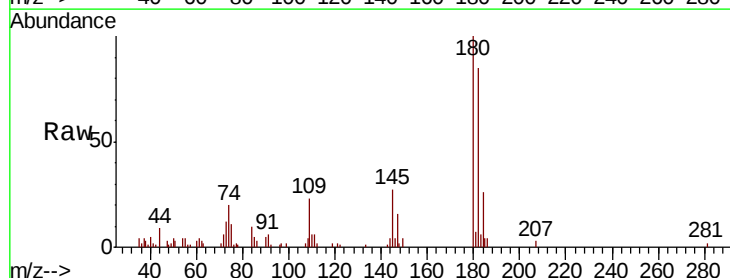
Tgt Ion:180 Resp: 5335

Ion Ratio Lower Upper

180 100

182 94.3 48.5 145.6

145 36.6 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

