

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100518\
 Data File : VX005079.D
 Acq On : 05 Oct 2018 21:05
 Operator : JC/MD
 Sample : J5207-12DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW510-3236DL

Quant Time: Oct 05 23:50:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	224283	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	352389	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	347389	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	196996	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	170759	53.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.60%	
35) Dibromofluoromethane	5.51	113	150383	50.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.70%	
50) Toluene-d8	8.72	98	509203	51.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.58%	
62) 4-Bromofluorobenzene	11.14	95	186973	52.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.54%	

Target Compounds

					Qvalue	
5) Bromomethane	1.64	94	872	0.423	ug/l	94
6) Chloroethane	1.73	64	18743	7.925	ug/l	95
10) Methyl Iodide	2.51	142	875	0.266	ug/l #	92
11) Tert butyl alcohol	3.07	59	607	0.678	ug/l #	92
12) 1,1-Dichloroethene	2.37	96	7624	3.137	ug/l #	78
13) Acrolein	2.30	56	147	0.231	ug/l #	10
15) Acrylonitrile	3.15	53	765	0.388	ug/l #	71
16) Acetone	2.45	43	2859	1.528	ug/l	96
17) Carbon Disulfide	2.57	76	2008	0.275	ug/l #	90
18) Methyl Acetate	2.78	43	1808	0.382	ug/l #	87
20) Methylene Chloride	2.85	84	807	Below Cal	#	83
24) 1,1-Dichloroethane	3.70	63	245483	46.090	ug/l	99
29) Tetrahydrofuran	5.18	42	815	0.476	ug/l	93
32) 1,1,1-Trichloroethane	5.50	97	5198	1.264	ug/l #	49
36) 1,1-Dichloropropene	5.66	75	15741	3.863	ug/l #	45
38) Carbon Tetrachloride	5.67	117	20284	4.736	ug/l #	19
40) Benzene	6.15	78	6159	0.483	ug/l	91
56) Ethyl methacrylate	9.18	69	70	2.875	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.32	63	49	14.260	ug/l #	49
65) Chlorobenzene	10.14	112	1798	0.202	ug/l	98
70) Styrene	10.71	104	355	2.176	ug/l #	87
74) N-amyl acetate	10.90	43	303	1.791	ug/l #	57
76) 1,2,3-Trichloropropane	11.14	75	91359	20.691	ug/l #	35
80) 1,3,5-Trimethylbenzene	11.51	105	742	Below Cal		95
81) trans-1,4-Dichloro-2-buten	11.14	75	91359	56.177	ug/l #	10
83) tert-Butylbenzene	11.77	119	2494	0.244	ug/l	83
84) 1,2,4-Trimethylbenzene	11.80	105	1566	Below Cal		94
85) sec-Butylbenzene	11.94	105	10209	0.820	ug/l	84
87) 1,3-Dichlorobenzene	12.03	146	2042	0.303	ug/l	95
88) 1,4-Dichlorobenzene	12.03	146	2042	0.294	ug/l	94
90) Hexachloroethane	12.76	117	1258	0.670	ug/l #	1
91) 1,2-Dichlorobenzene	12.39	146	2473	0.351	ug/l	93
93) 1,2,4-Trichlorobenzene	13.65	180	1735	0.351	ug/l #	89
95) Naphthalene	13.83	128	2722	0.883	ug/l #	92

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Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration

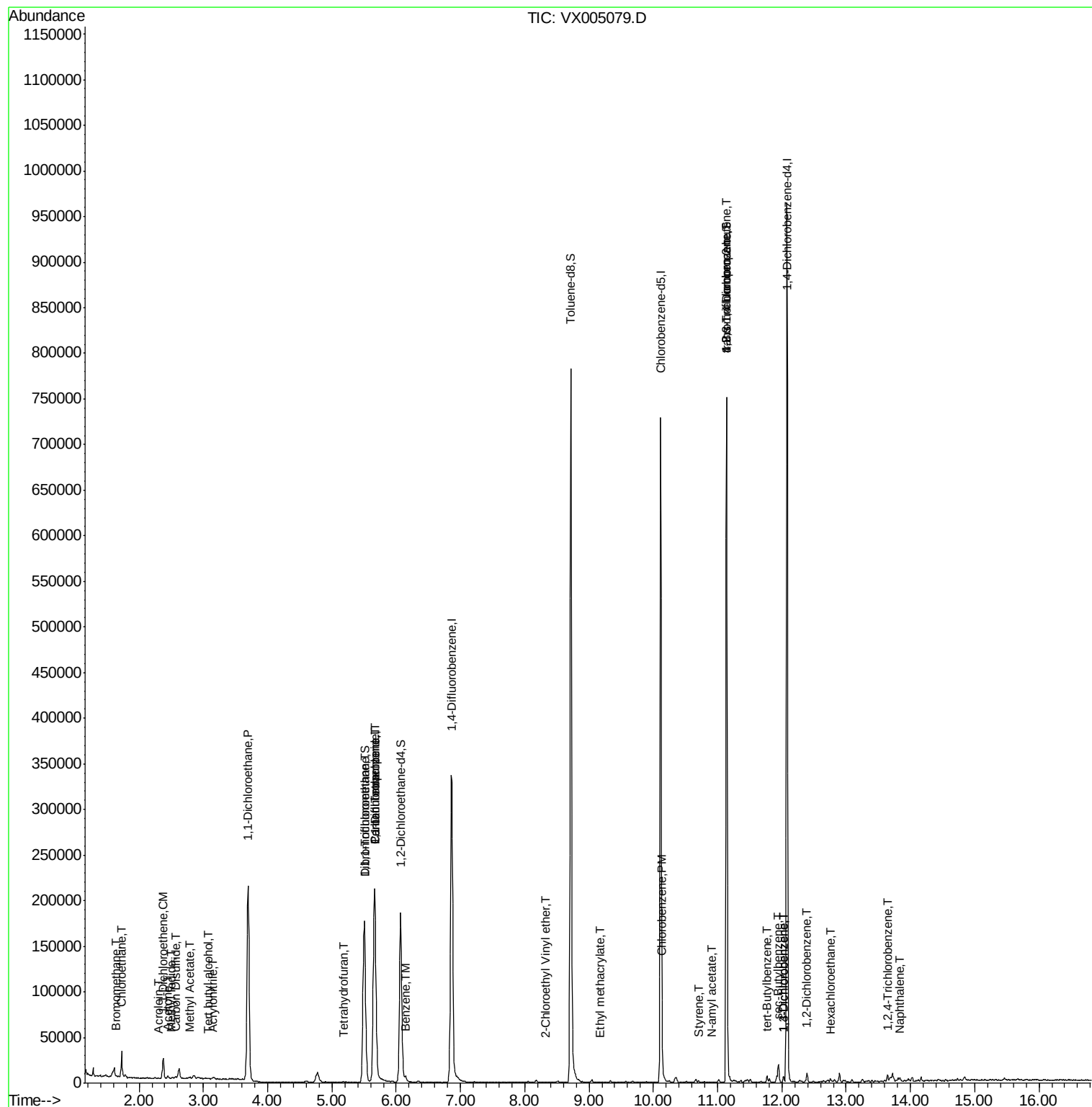
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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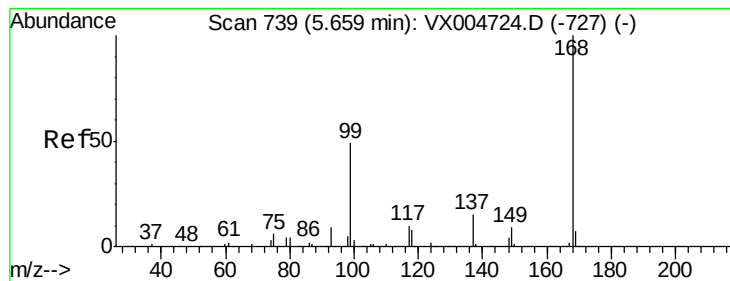
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX005079.D

Acq: 05 Oct 2018 21:05

Instrument :

MSVOA_X

ClientSampleId :

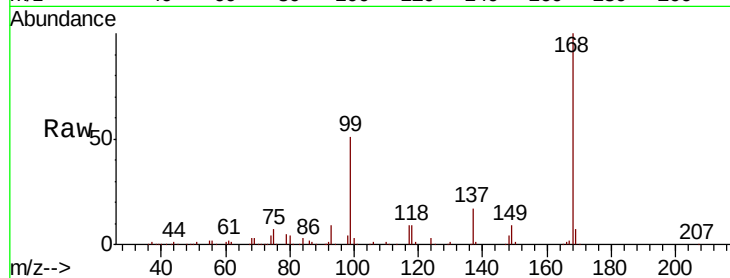
SA-TW510-3236DL

Tot Ion:168 Resp: 224283

Ion Ratio Lower Upper

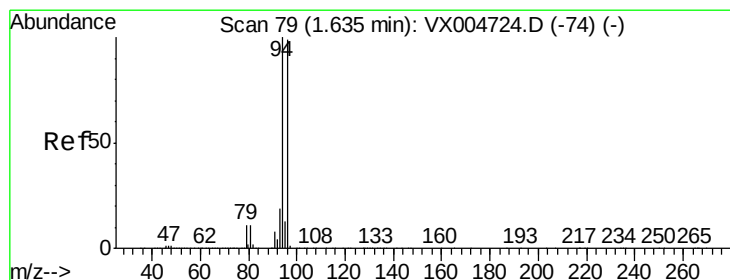
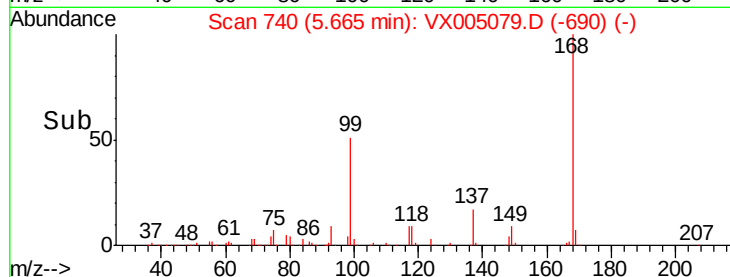
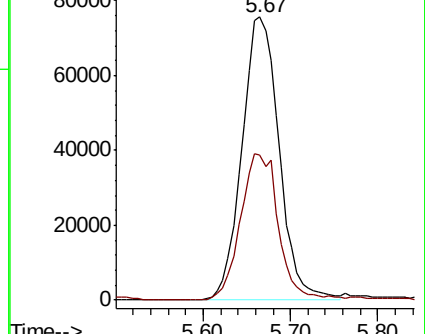
168 100

99 51.1 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: 0.423 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX005079.D

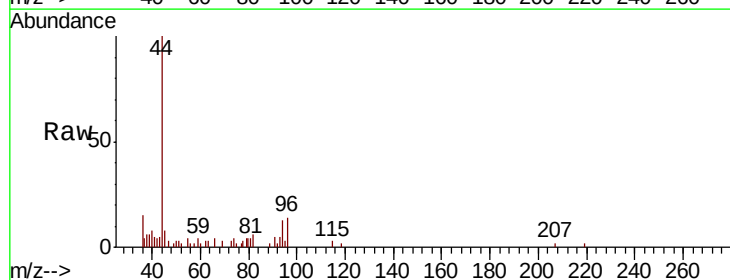
Acq: 05 Oct 2018 21:05

Tgt Ion: 94 Resp: 872

Ion Ratio Lower Upper

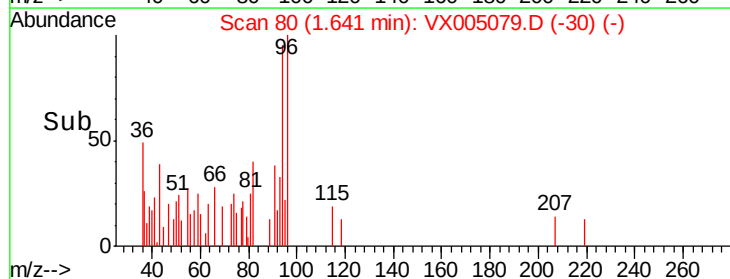
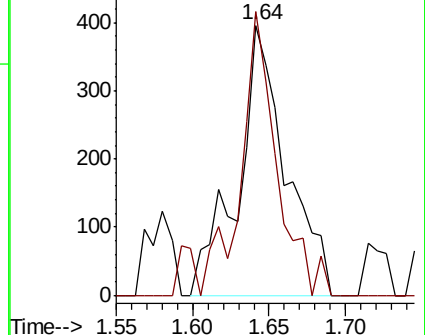
94 100

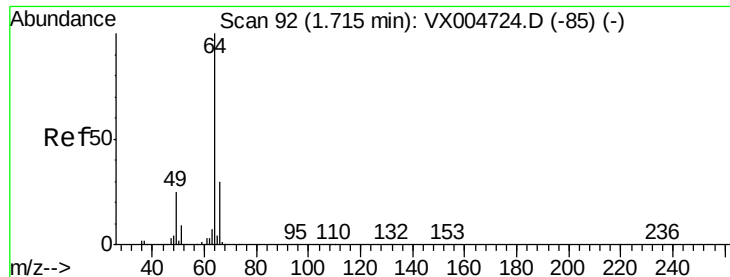
96 105.1 79.5 119.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#6

Chloroethane

Concen: 7.925 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX005079.D

Acq: 05 Oct 2018 21:05

Instrument :

MSVOA_X

ClientSampleId :

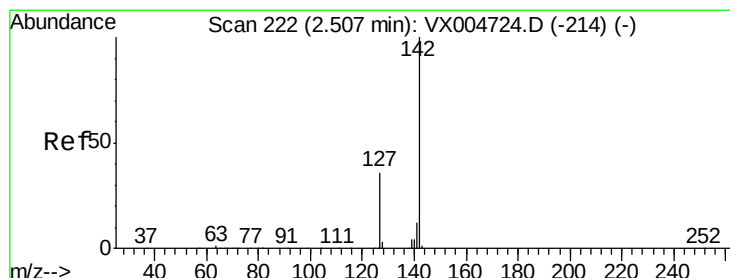
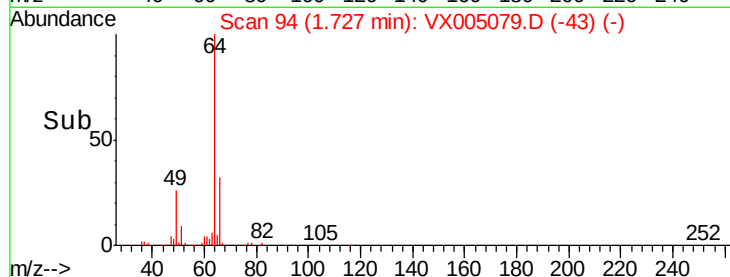
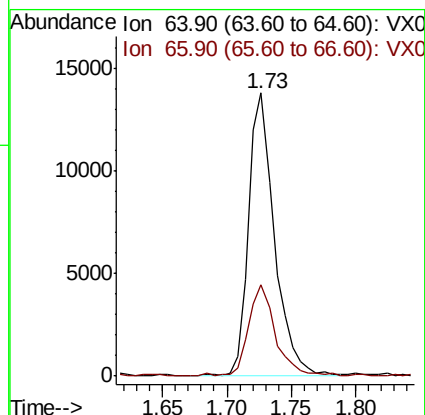
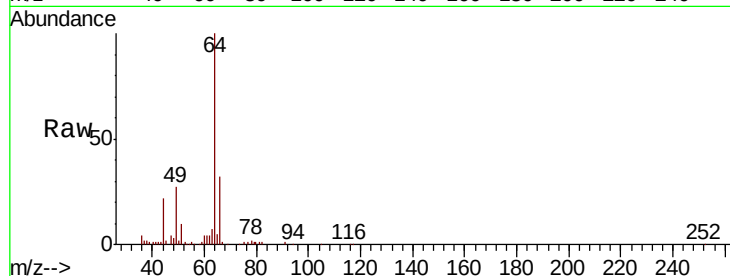
SA-TW510-3236DL

Tot Ion: 64 Resp: 18743

Ion Ratio Lower Upper

64 100

66 32.4 23.8 35.6



#10

Methyl Iodide

Concen: 0.266 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX005079.D

Acq: 05 Oct 2018 21:05

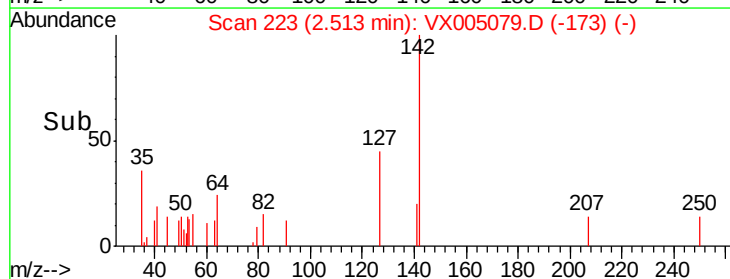
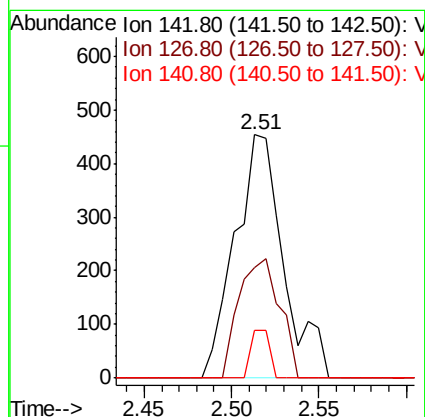
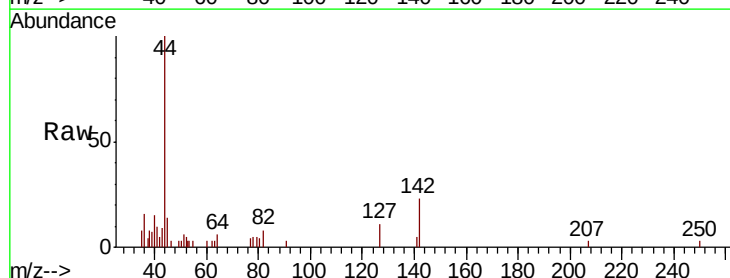
Tgt Ion: 142 Resp: 875

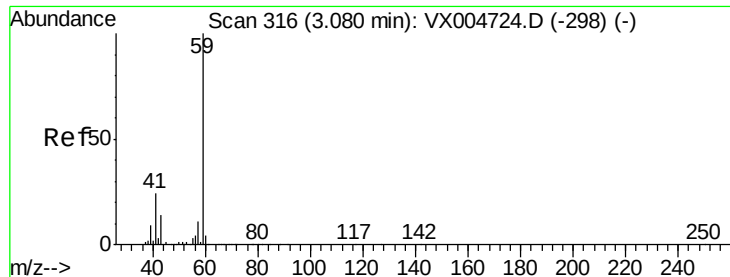
Ion Ratio Lower Upper

142 100

127 41.3 30.1 45.1

141 7.4 10.1 15.1#



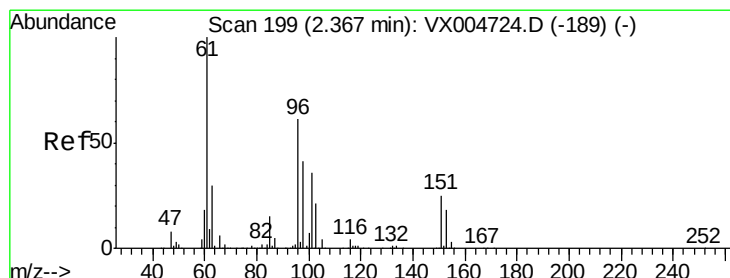
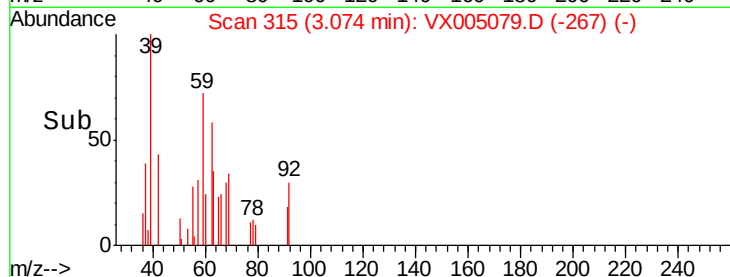
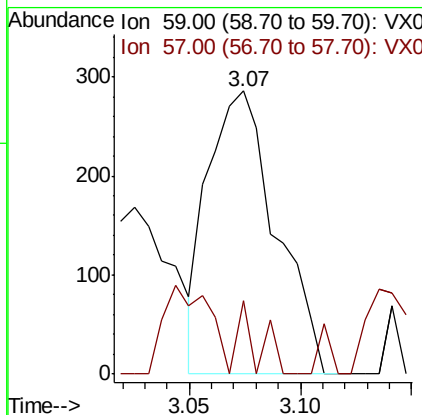
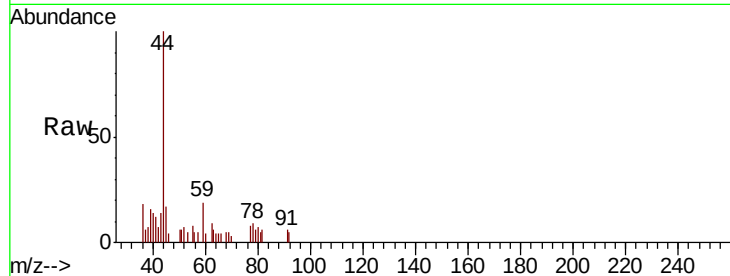


#11

Tert butyl alcohol
 Concen: 0.678 ug/l
 RT: 3.07 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX005079.D
 Acq: 05 Oct 2018 21:05

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW510-3236DL

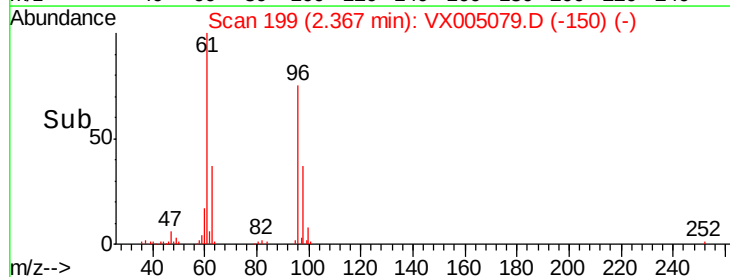
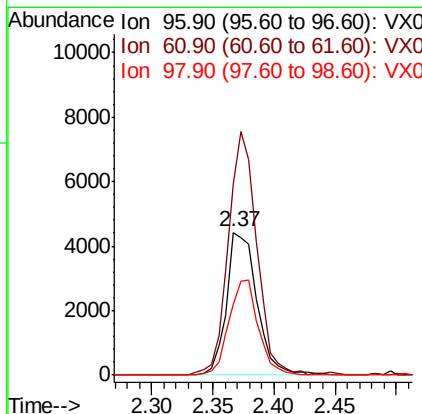
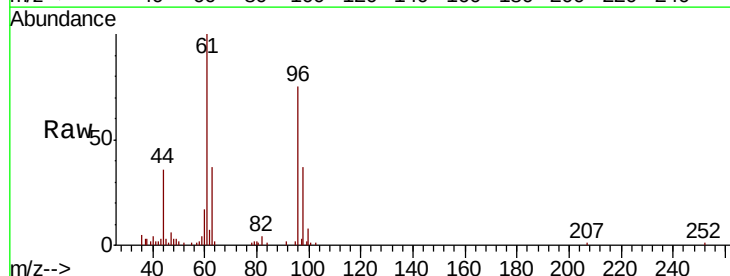
Tot Ion: 59 Resp: 607
 Ion Ratio Lower Upper
 59 100
 57 7.7 8.6 12.8#

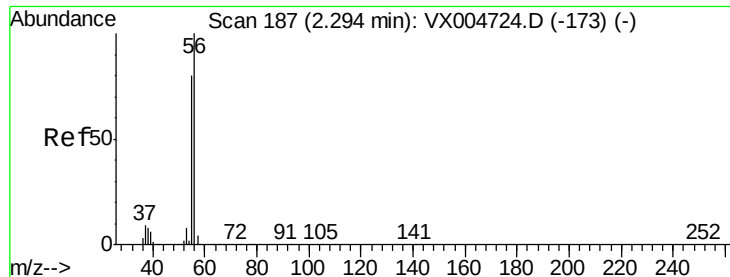


#12

1,1-Dichloroethene
 Concen: 3.137 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. -0.00 min
 Lab File: VX005079.D
 Acq: 05 Oct 2018 21:05

Tgt Ion: 96 Resp: 7624
 Ion Ratio Lower Upper
 96 100
 61 134.0 130.2 195.4
 98 49.5 53.4 80.0#





#13

Acrolein

Concen: 0.231 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX005079.D

Acq: 05 Oct 2018 21:05

Instrument :

MSVOA_X

ClientSampleId :

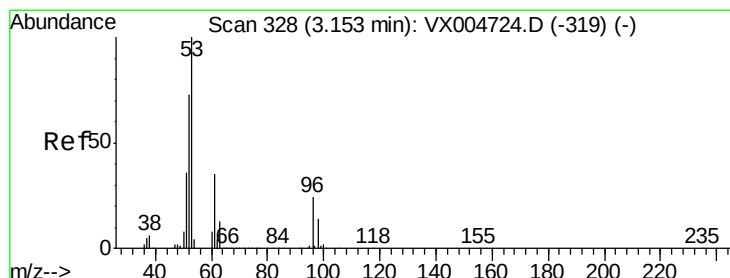
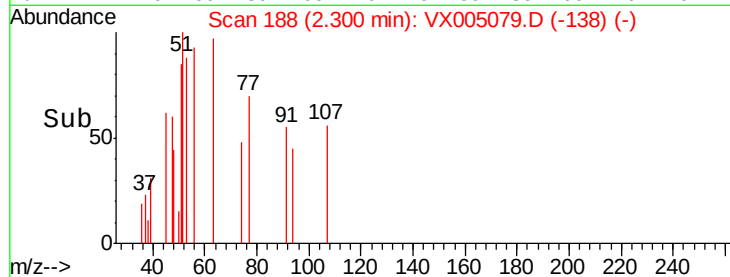
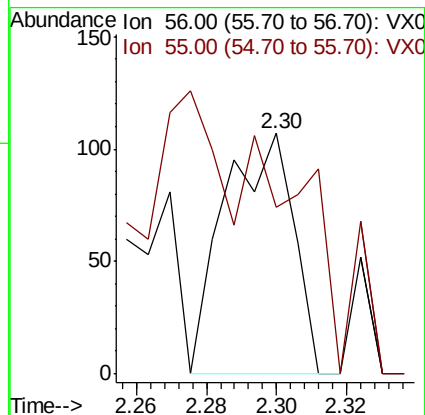
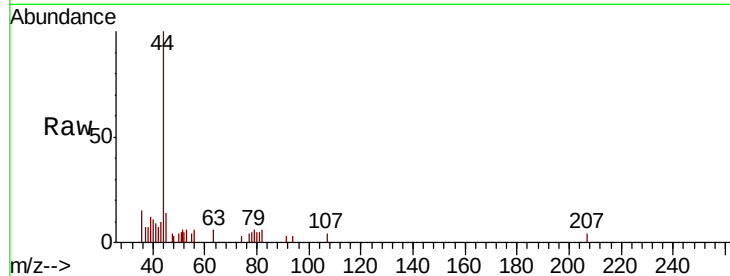
SA-TW510-3236DL

Tot Ion: 56 Resp: 147

Ion Ratio Lower Upper

56 100

55 0.0 63.4 95.2#



#15

Acrylonitrile

Concen: 0.388 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX005079.D

Acq: 05 Oct 2018 21:05

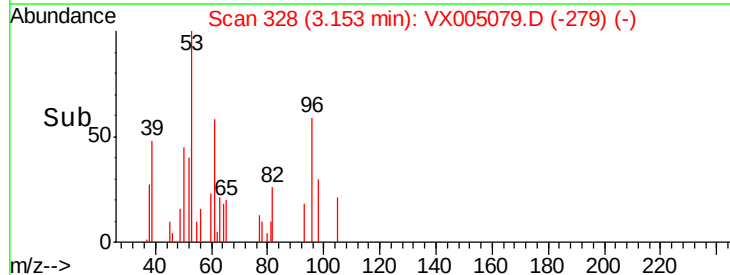
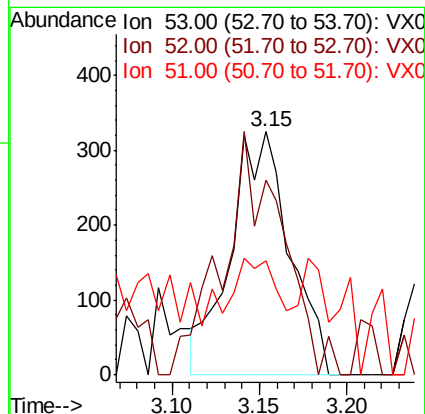
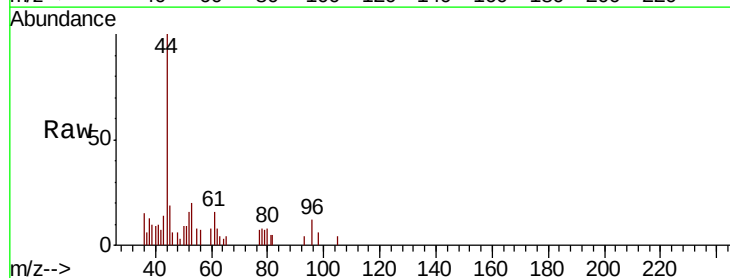
Tgt Ion: 53 Resp: 765

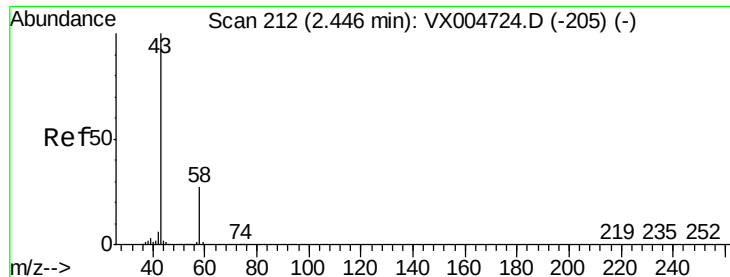
Ion Ratio Lower Upper

53 100

52 100.8 63.0 94.4#

51 14.1 28.6 42.8#





#16

Acetone

Concen: 1.528 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005079.D

Acq: 05 Oct 2018 21:05

Instrument :

MSVOA_X

ClientSampleId :

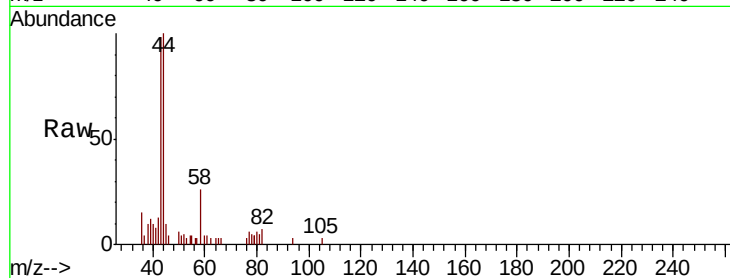
SA-TW510-3236DL

Tot Ion: 43 Resp: 2859

Ion Ratio Lower Upper

43 100

58 25.1 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

2000

1500

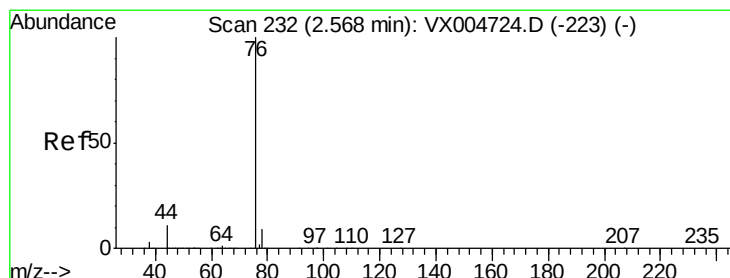
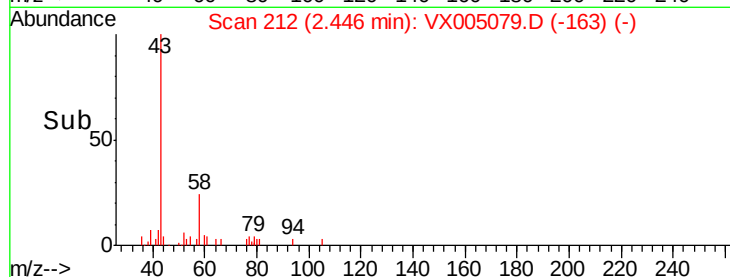
1000

500

0

2.40 2.45 2.50

Time-->



#17

Carbon Disulfide

Concen: 0.275 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX005079.D

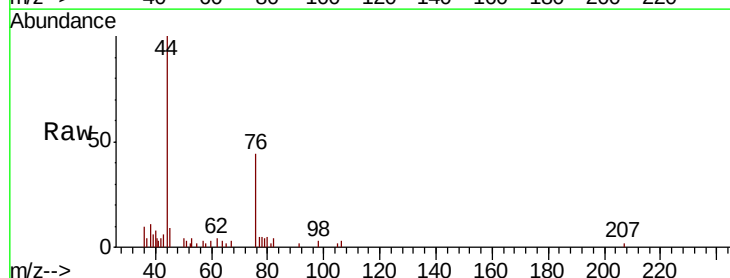
Acq: 05 Oct 2018 21:05

Tgt Ion: 76 Resp: 2008

Ion Ratio Lower Upper

76 100

78 5.3 7.0 10.6#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

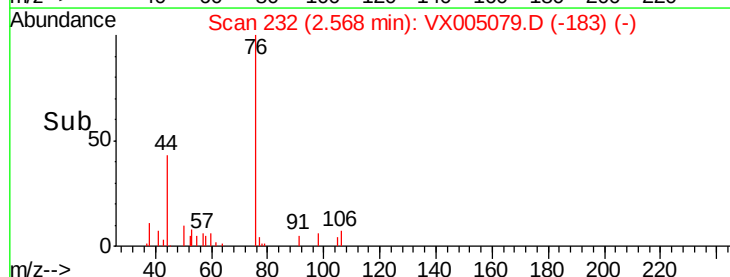
1000

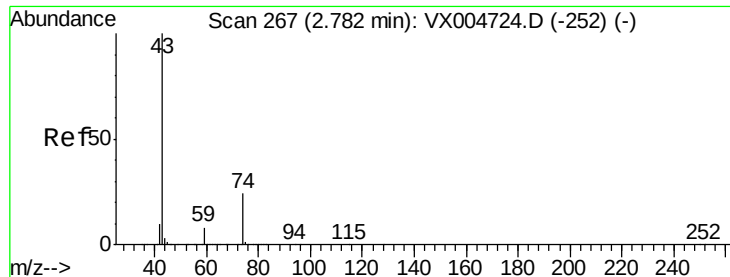
500

0

2.50 2.55 2.60

Time-->





#18

Methyl Acetate

Concen: 0.382 ug/l

RT: 2.78 min Scan# 267

Delta R.T. -0.00 min

Lab File: VX005079.D

Acq: 05 Oct 2018 21:05

Instrument :

MSVOA_X

ClientSampleId :

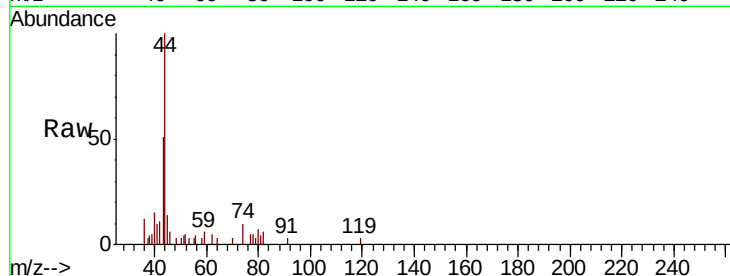
SA-TW510-3236DL

Tot Ion: 43 Resp: 1808

Ion Ratio Lower Upper

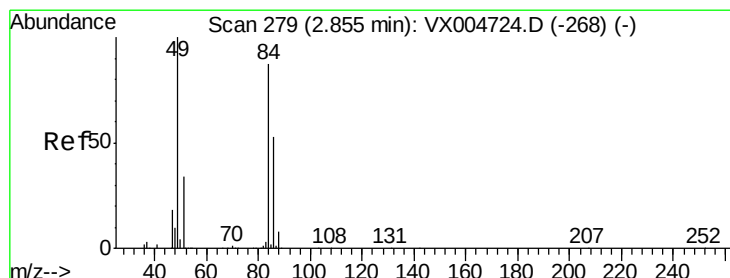
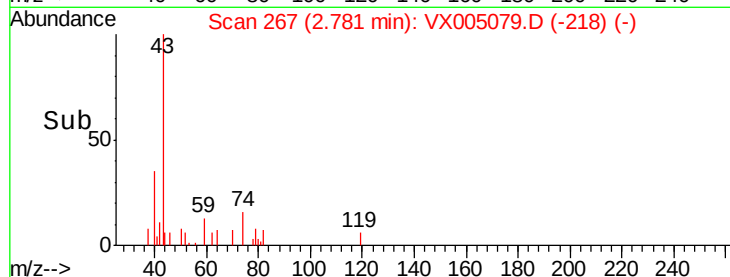
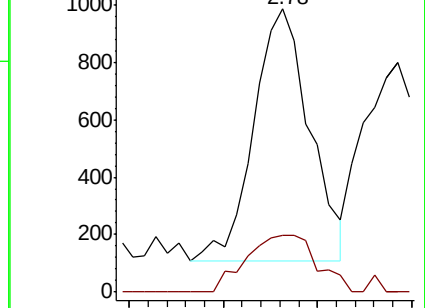
43 100

74 28.3 17.8 26.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



#20

Methylene Chloride

Concen: Below Cal

RT: 2.85 min Scan# 279

Delta R.T. -0.00 min

Lab File: VX005079.D

Acq: 05 Oct 2018 21:05

Tgt Ion: 84 Resp: 807

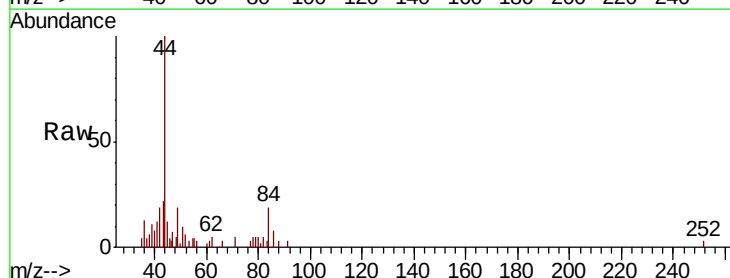
Ion Ratio Lower Upper

84 100

49 101.4 92.3 138.5

51 31.7 31.8 47.6#

86 40.3 48.5 72.7#

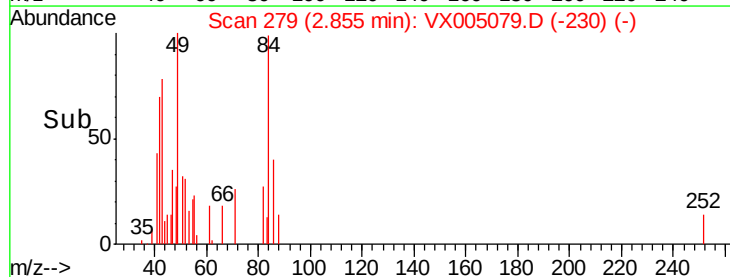
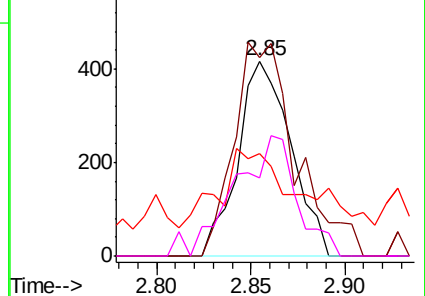


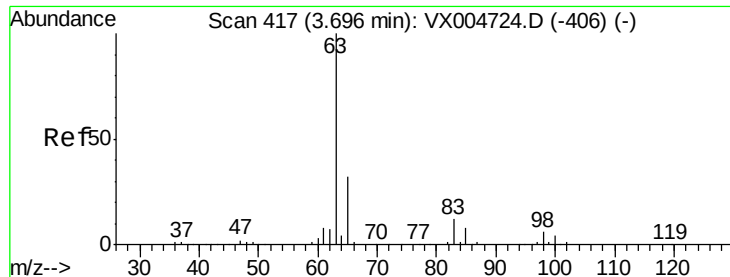
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

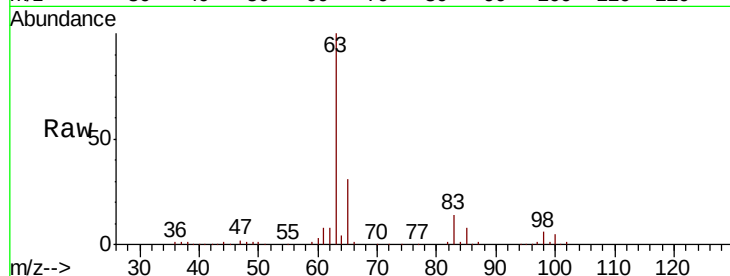




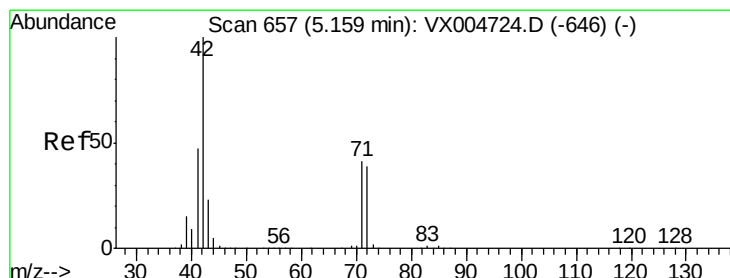
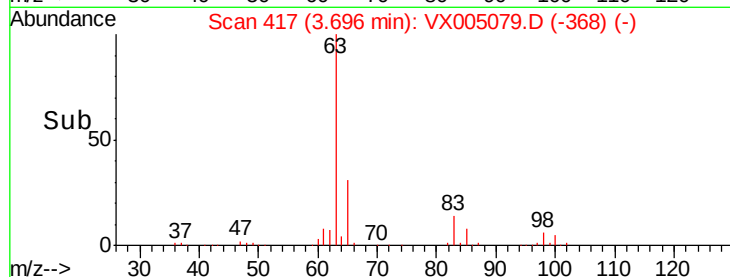
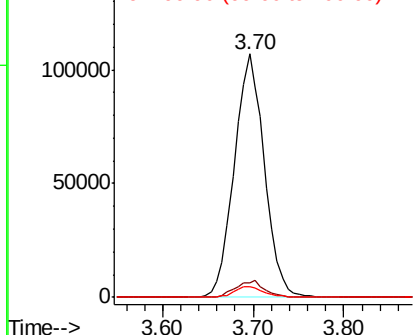
#24
 1,1-Dichloroethane
 Concen: 46.090 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. -0.00 min
 Lab File: VX005079.D
 Acq: 05 Oct 2018 21:05

Instrument :
 MSVOA_X
 ClientSampled :
 SA-TW510-3236DL

Tot Ion	Ratio	Lower	Upper
63	100		
98	6.1	3.0	9.2
100	4.5	2.0	5.8

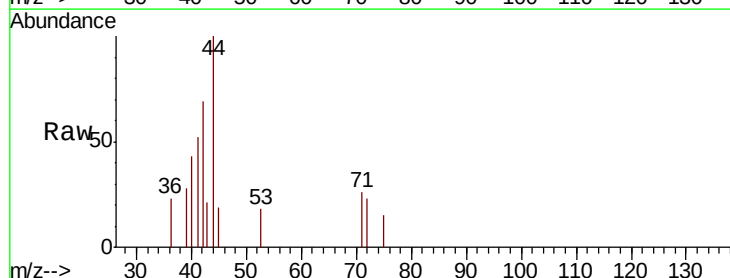


Abundance Ion 62.90 (62.60 to 63.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0
 Ion 99.90 (99.60 to 100.60): VX0

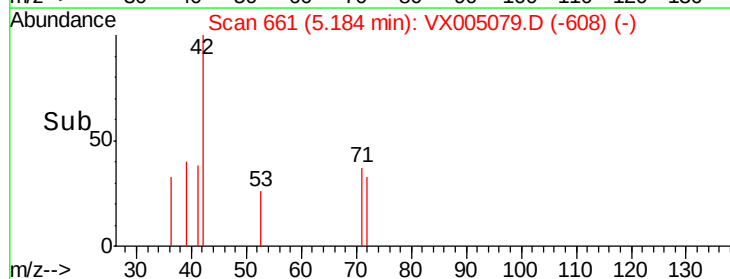
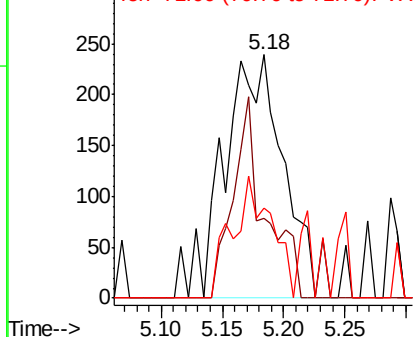


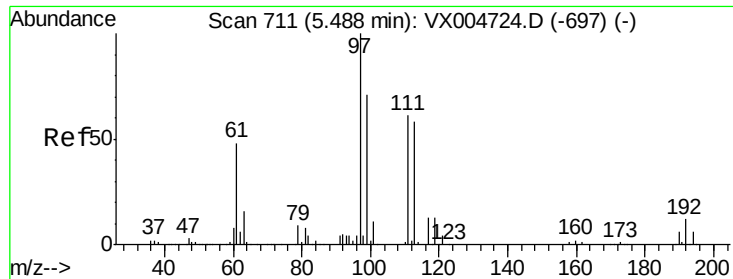
#29
 Tetrahydrofuran
 Concen: 0.476 ug/l
 RT: 5.18 min Scan# 661
 Delta R.T. 0.02 min
 Lab File: VX005079.D
 Acq: 05 Oct 2018 21:05

Tgt Ion	Ratio	Lower	Upper
42	100		
72	43.7	33.7	50.5
71	33.1	32.2	48.4



Abundance Ion 42.00 (41.70 to 42.70): VX0
 Ion 72.00 (71.70 to 72.70): VX0
 Ion 71.00 (70.70 to 71.70): VX0





#32

1,1,1-Trichloroethane

Concen: 1.264 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX005079.D

Acq: 05 Oct 2018 21:05

Instrument :

MSVOA_X

ClientSampleId :

SA-TW510-3236DL

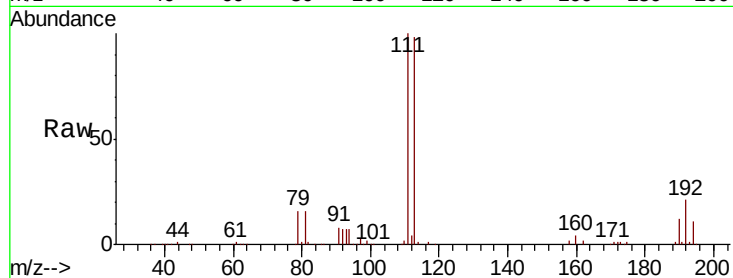
Tot Ion: 97 Resp: 5198

Ion Ratio Lower Upper

97 100

99 0.0 54.6 82.0#

61 48.3 37.5 56.3

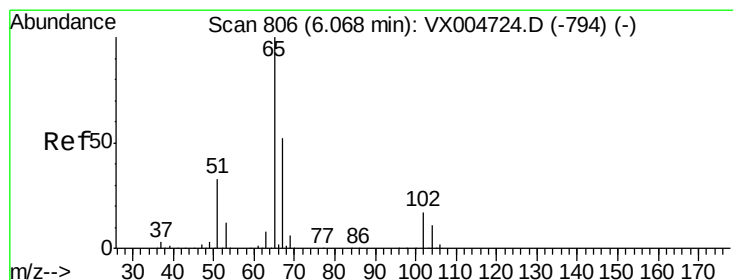
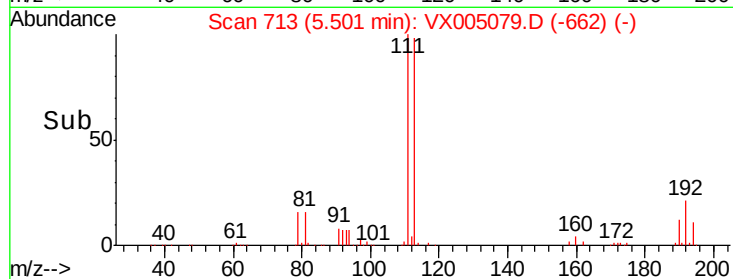
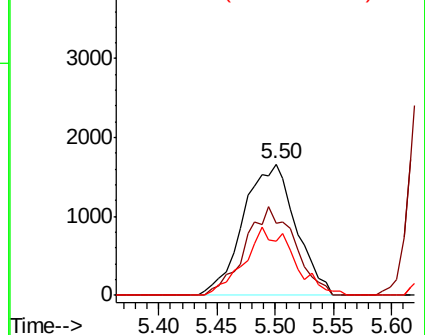


Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 53.297 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX005079.D

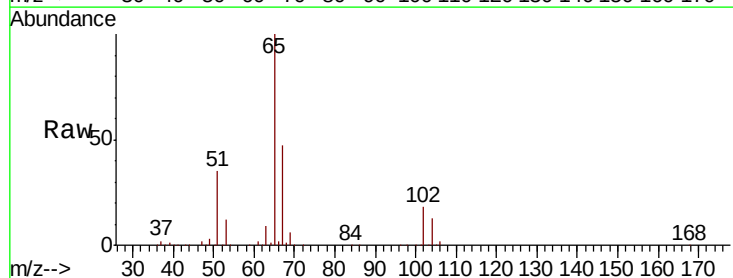
Acq: 05 Oct 2018 21:05

Tgt Ion: 65 Resp: 170759

Ion Ratio Lower Upper

65 100

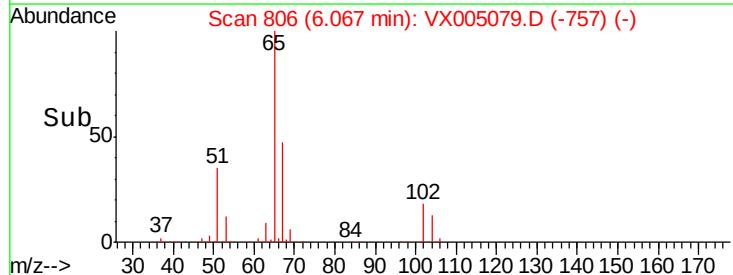
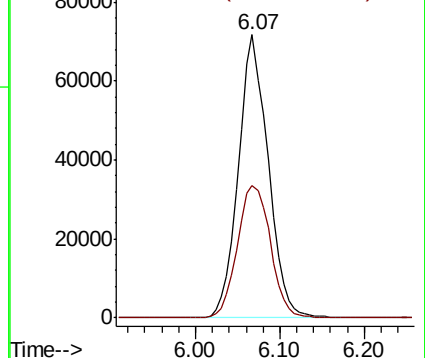
67 52.2 0.0 107.4

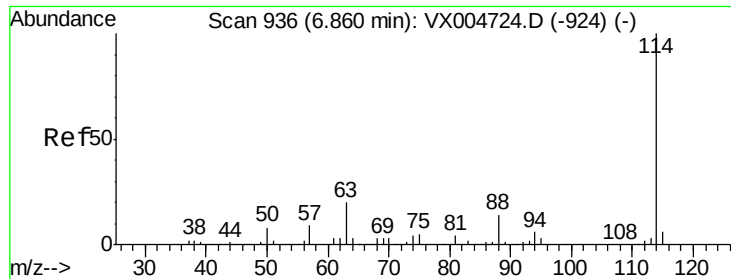


Abundance

Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

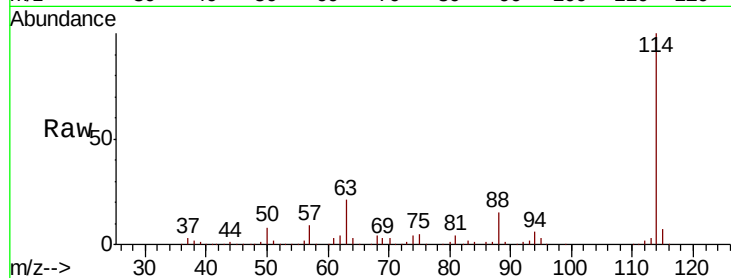




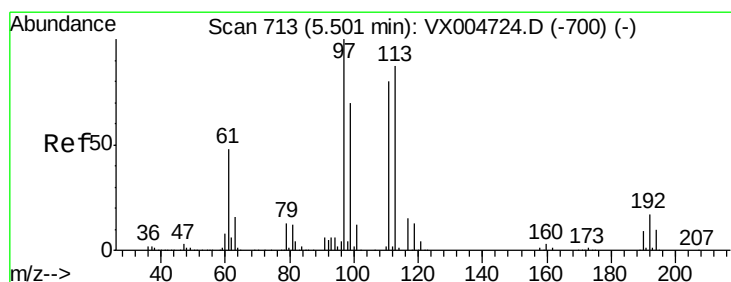
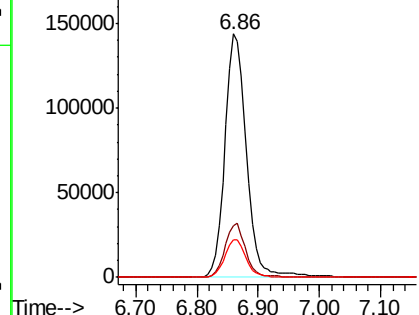
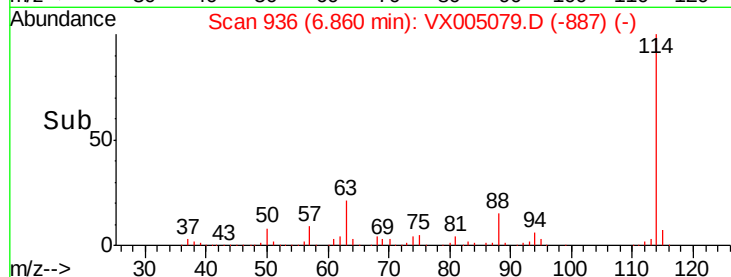
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005079.D
 Acq: 05 Oct 2018 21:05

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW510-3236DL

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	39.8
88	15.4	0.0	27.0

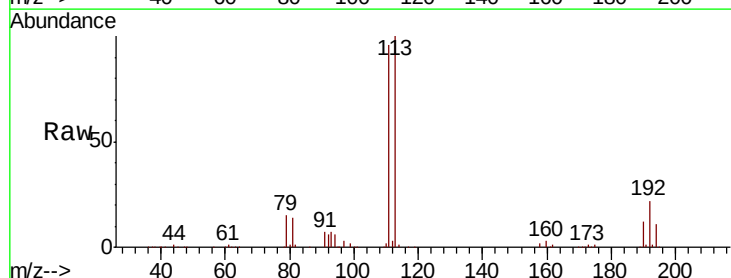


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

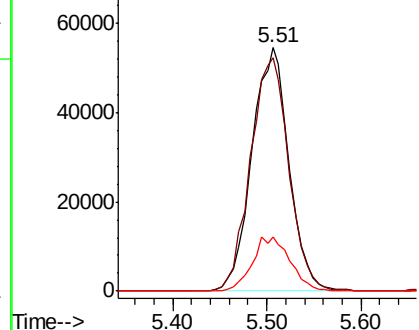
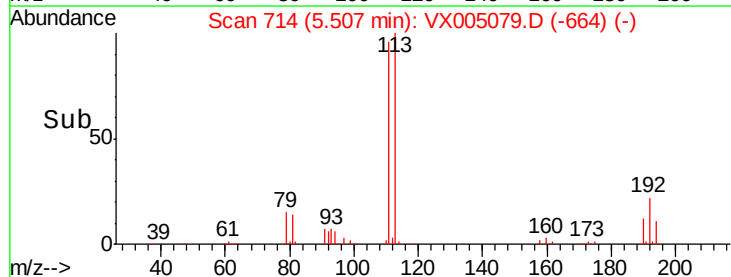


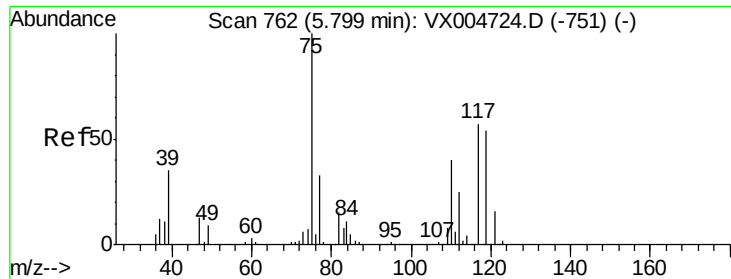
#35
 Dibromofluoromethane
 Concen: 50.354 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX005079.D
 Acq: 05 Oct 2018 21:05

Tgt Ion	Ratio	Lower	Upper
113	100		
111	99.5	77.0	115.4
192	22.9	17.0	25.6



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

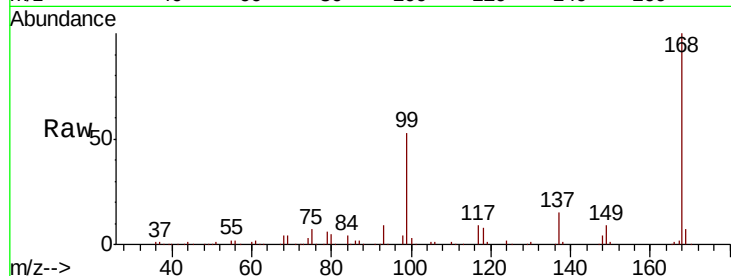




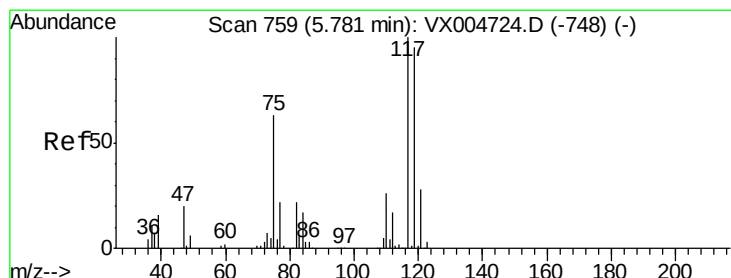
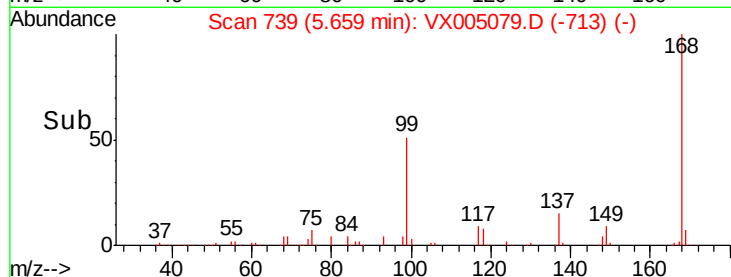
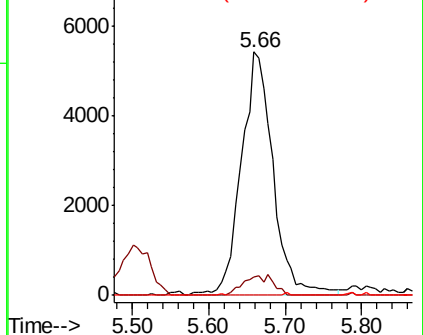
#36
 1,1-Dichloropropene
 Concen: 3.863 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX005079.D
 Acq: 05 Oct 2018 21:05

Instrument :
 MSVOA_X
 ClientSampled :
 SA-TW510-3236DL

Tot Ion	75	Resp	15741
Ion Ratio	100	Lower	Upper
110	7.7	20.0	59.9#
77	0.0	27.1	40.7#

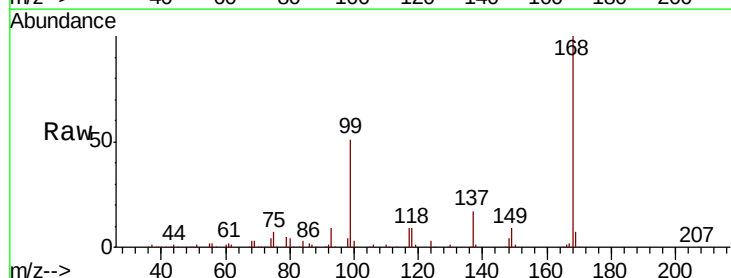


Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

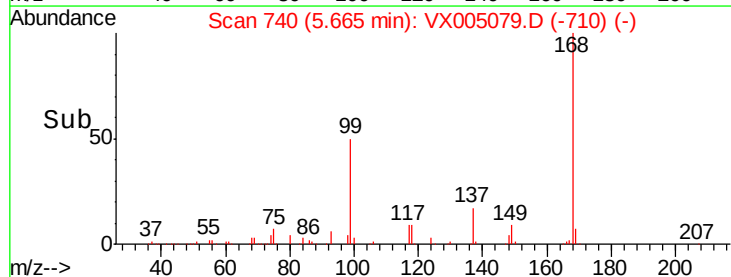
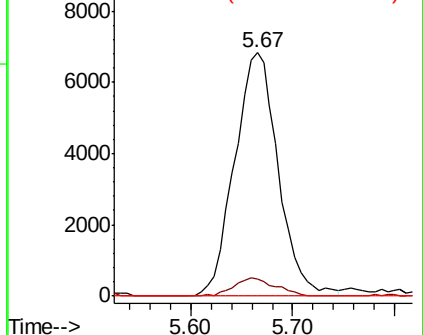


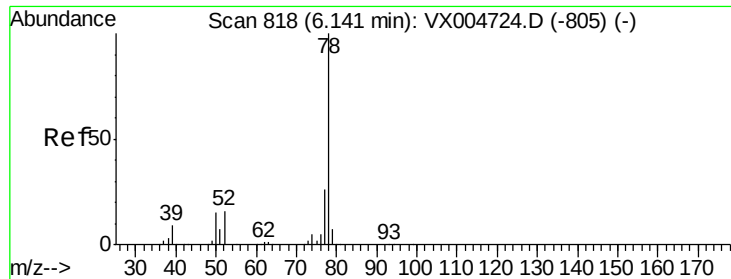
#38
 Carbon Tetrachloride
 Concen: 4.736 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.12 min
 Lab File: VX005079.D
 Acq: 05 Oct 2018 21:05

Tgt Ion	117	Resp	20284
Ion Ratio	100	Lower	Upper
119	7.2	75.2	112.8#
121	0.0	22.5	33.7#



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





#40

Benzene

Concen: 0.483 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX005079.D

Acq: 05 Oct 2018 21:05

Instrument :

MSVOA_X

ClientSampleId :

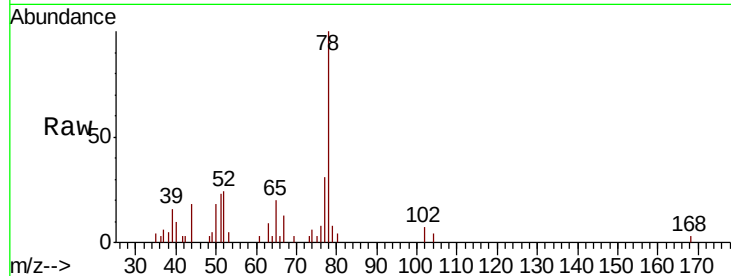
SA-TW510-3236DL

Tot Ion: 78 Resp: 6159

Ion Ratio Lower Upper

78 100

77 31.0 21.0 31.4



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

6.15

2500

2000

1500

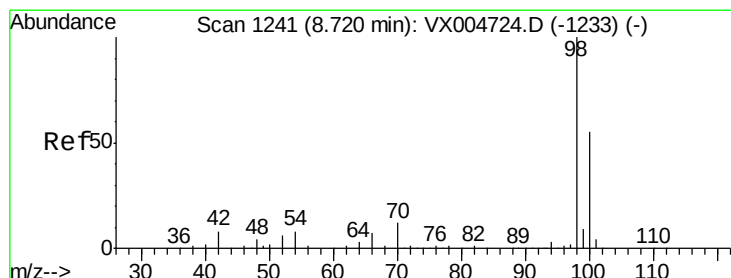
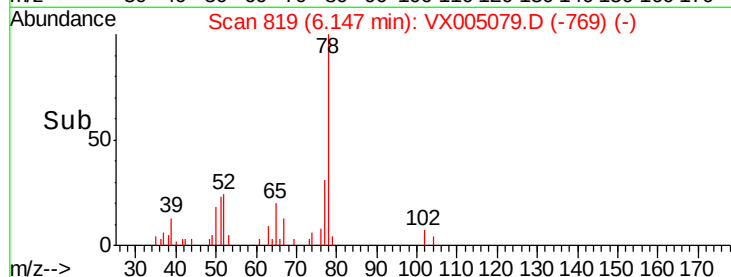
1000

500

0

Time-->

6.05 6.10 6.15 6.20 6.25



#50

Toluene-d8

Concen: 51.286 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. -0.00 min

Lab File: VX005079.D

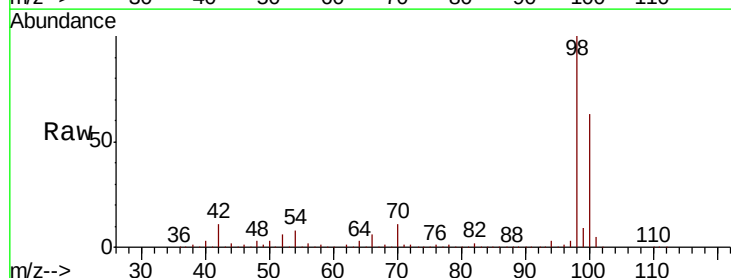
Acq: 05 Oct 2018 21:05

Tgt Ion: 98 Resp: 509203

Ion Ratio Lower Upper

98 100

100 63.6 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.72

300000

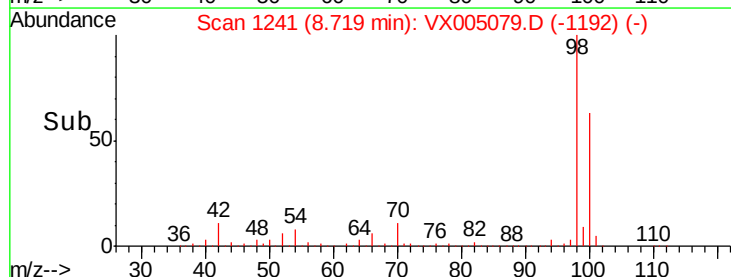
200000

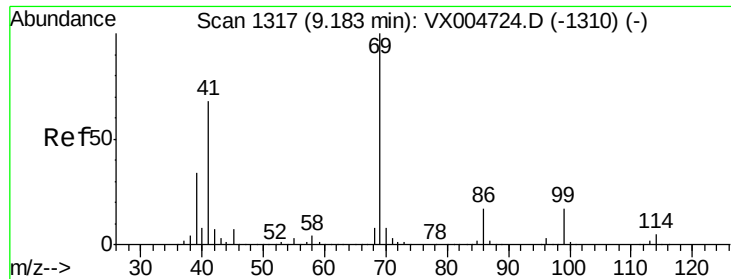
100000

0

Time-->

8.60 8.80 9.00





#56

Ethyl methacrylate

Concen: 2.875 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VX005079.D

Acq: 05 Oct 2018 21:05

Instrument :

MSVOA_X

ClientSampleId :

SA-TW510-3236DL

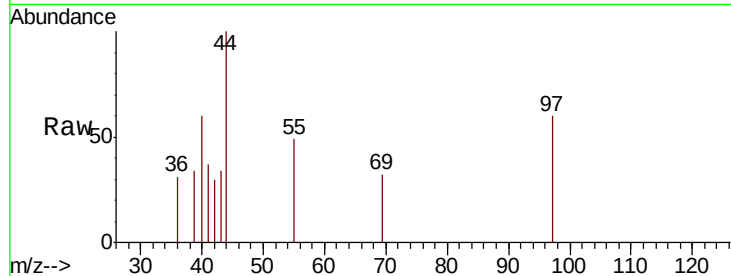
Tot Ion: 69 Resp: 70

Ion Ratio Lower Upper

69 100

41 0.0 56.9 85.3#

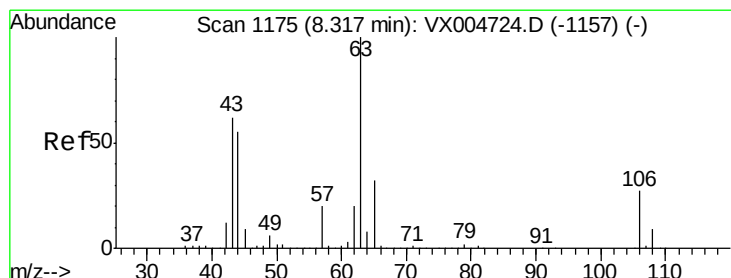
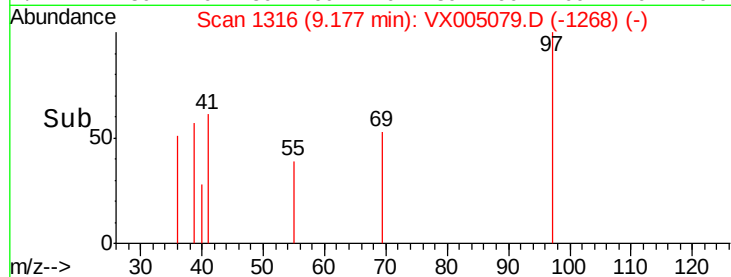
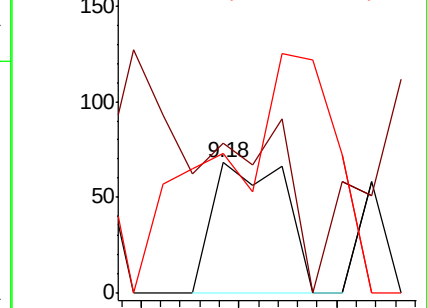
39 295.7 28.4 42.6#



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: 14.260 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. -0.00 min

Lab File: VX005079.D

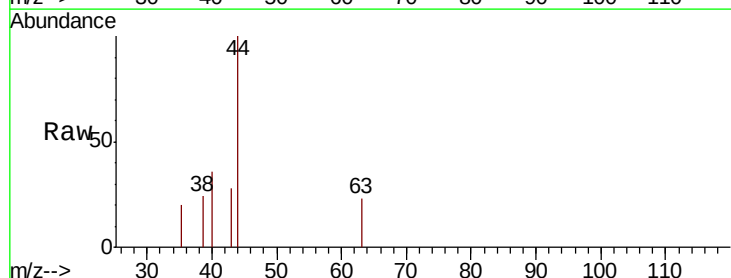
Acq: 05 Oct 2018 21:05

Tgt Ion: 63 Resp: 49

Ion Ratio Lower Upper

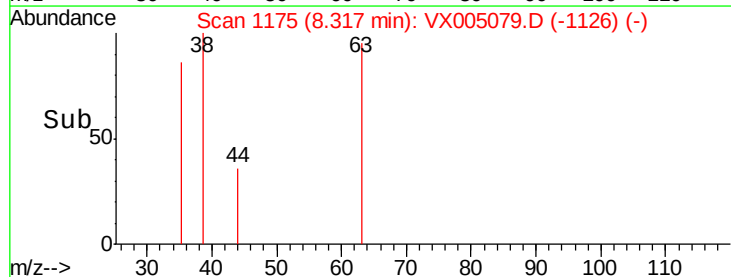
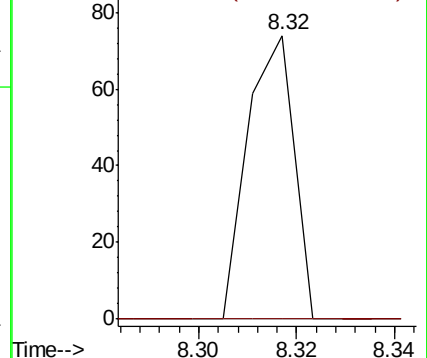
63 100

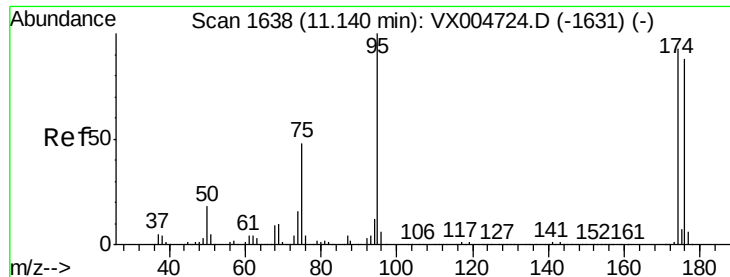
106 0.0 21.0 31.6#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

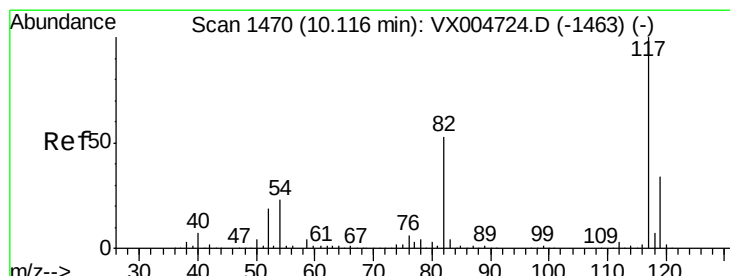
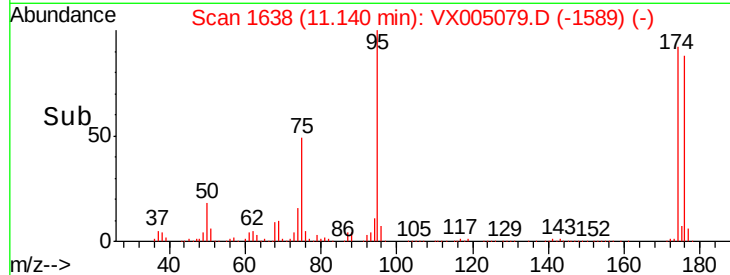
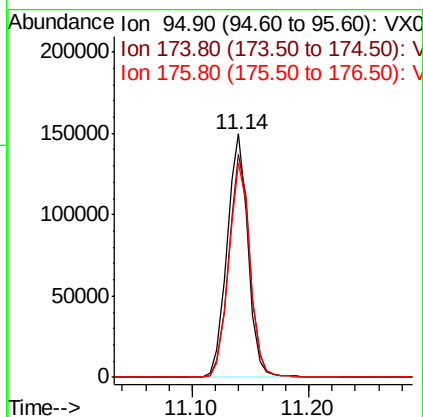
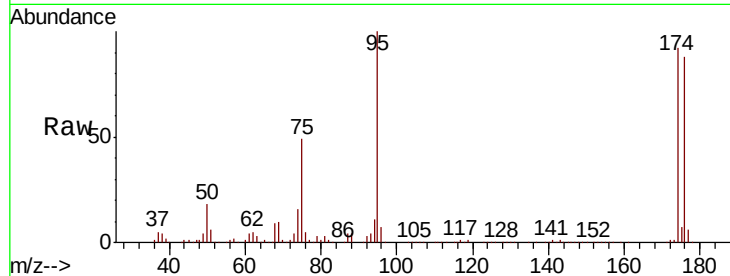




#62
4-Bromofluorobenzene
Concen: 52.273 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005079.D
Acq: 05 Oct 2018 21:05

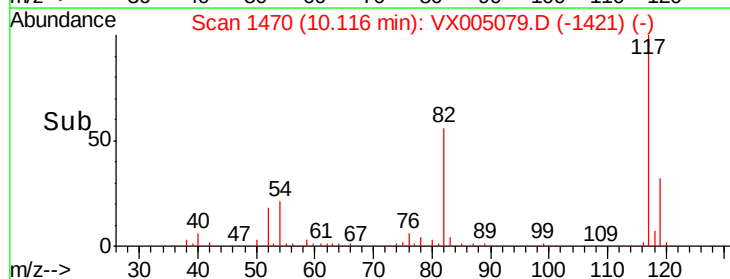
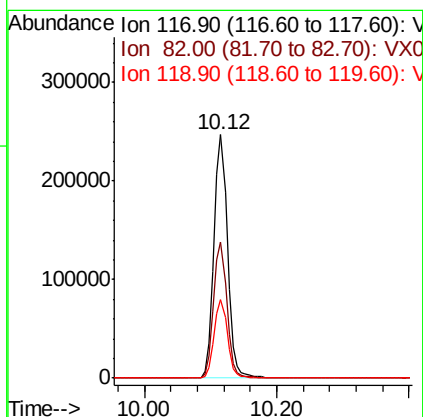
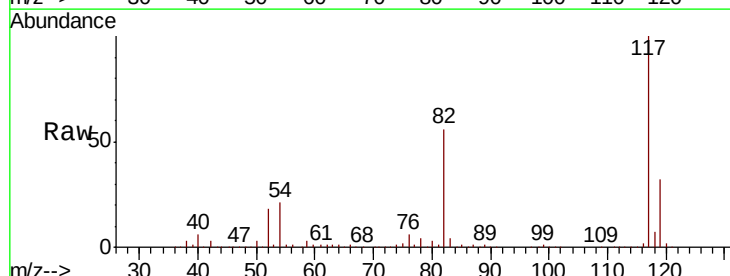
Instrument :
MSVOA_X
ClientSampleId :
SA-TW510-3236DL

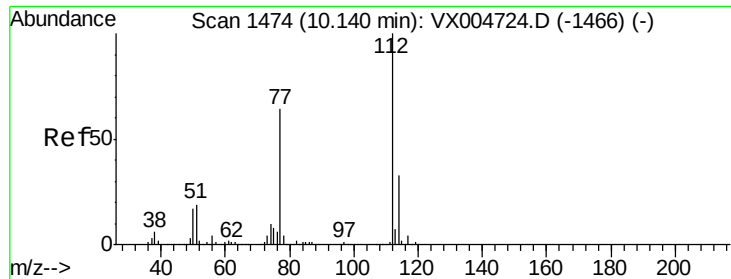
Tot Ion: 95 Resp: 186973
Ion Ratio Lower Upper
95 100
174 92.6 0.0 185.0
176 89.0 0.0 180.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005079.D
Acq: 05 Oct 2018 21:05

Tgt Ion: 117 Resp: 347389
Ion Ratio Lower Upper
117 100
82 55.7 42.2 63.4
119 32.4 27.4 41.0

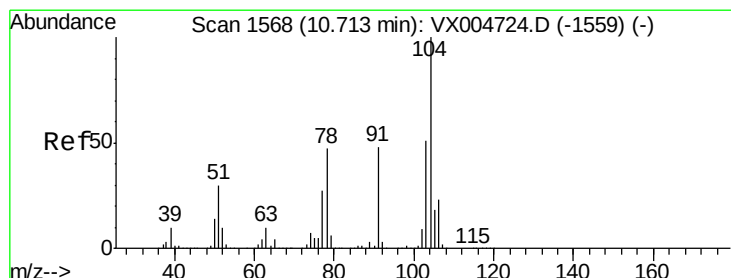
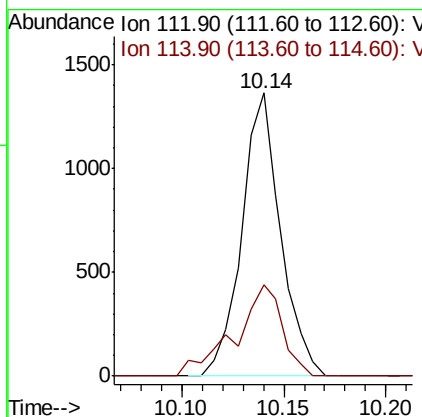
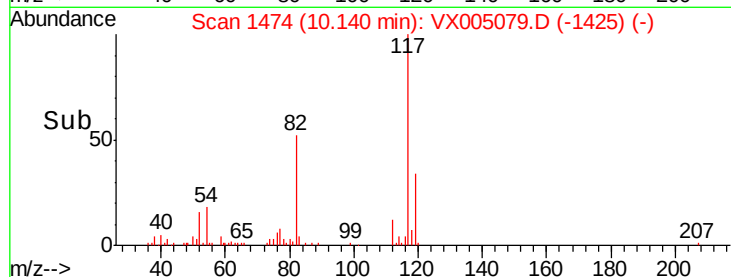
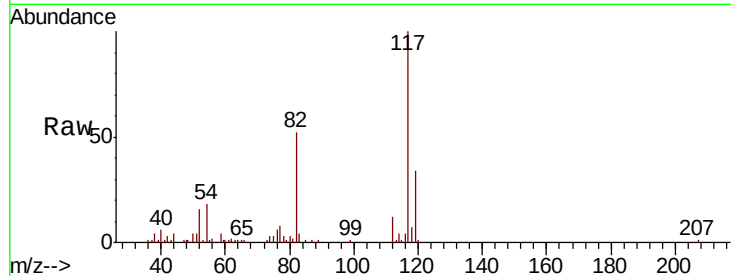




#65
Chlorobenzene
Concen: 0.202 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX005079.D
Acq: 05 Oct 2018 21:05

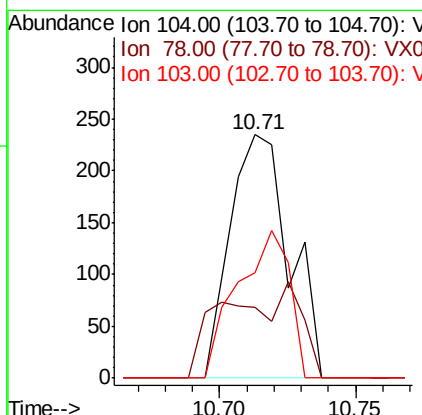
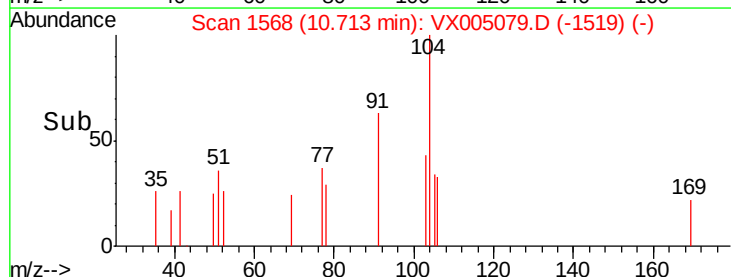
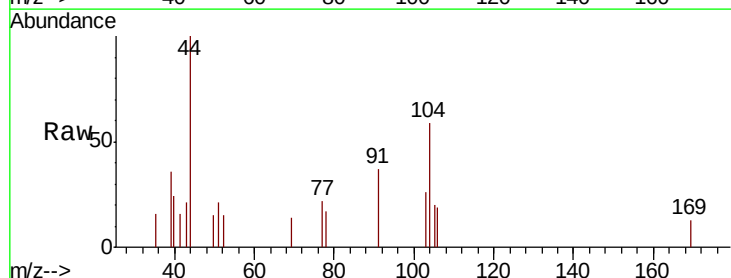
Instrument :
MSVOA_X
ClientSampleId :
SA-TW510-3236DL

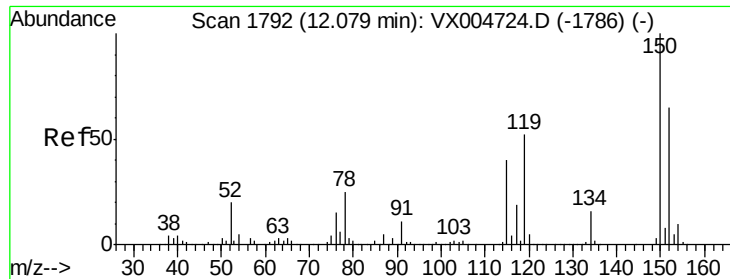
Tot Ion:112 Resp: 1798
Ion Ratio Lower Upper
112 100
114 32.4 26.7 40.1



#70
Styrene
Concen: 2.176 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005079.D
Acq: 05 Oct 2018 21:05

Tgt Ion:104 Resp: 355
Ion Ratio Lower Upper
104 100
78 34.1 40.0 60.0#
103 53.2 44.3 66.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005079.D

Acq: 05 Oct 2018 21:05

Instrument :

MSVOA_X

ClientSampleId :

SA-TW510-3236DL

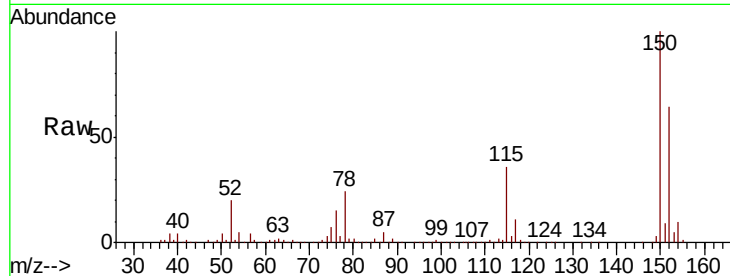
Tot Ion:152 Resp: 196996

Ion Ratio Lower Upper

152 100

115 56.1 40.2 120.6

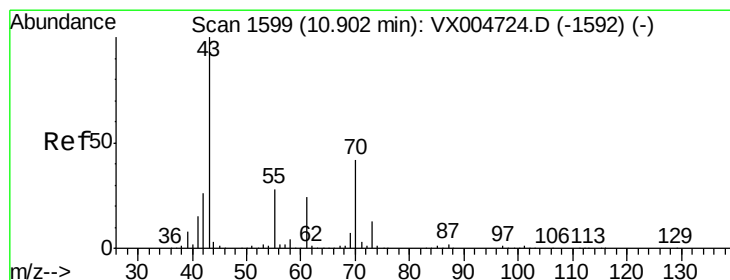
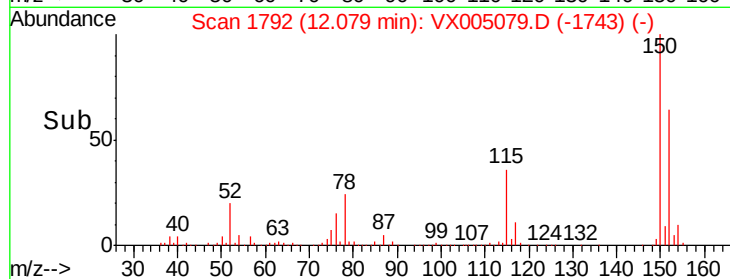
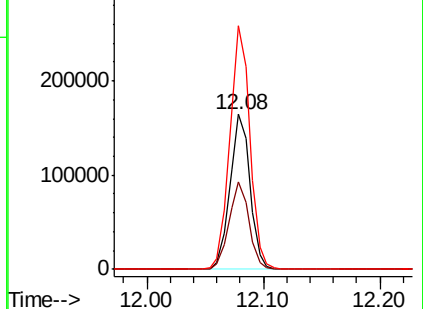
150 157.5 0.0 351.0



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: 1.791 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. -0.00 min

Lab File: VX005079.D

Acq: 05 Oct 2018 21:05

Tgt Ion: 43 Resp: 303

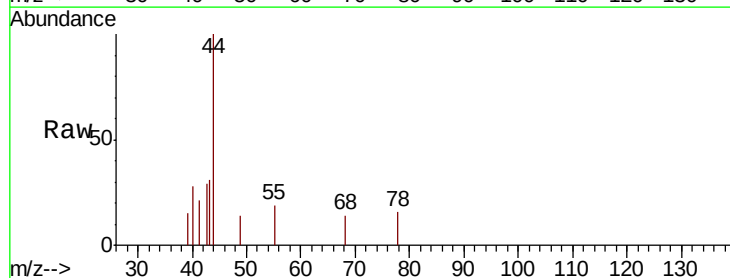
Ion Ratio Lower Upper

43 100

70 0.0 32.6 48.8#

55 29.4 21.6 32.4

61 0.0 19.1 28.7#

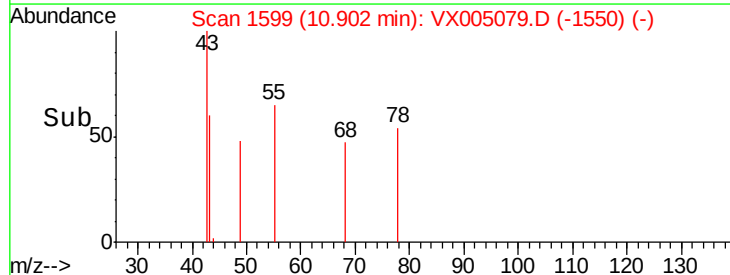
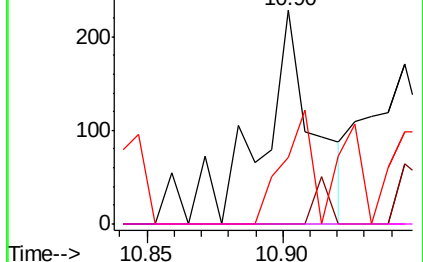


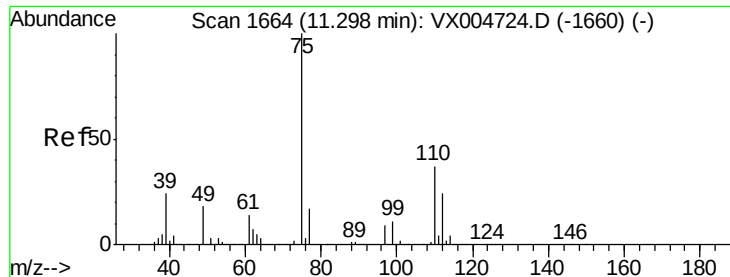
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#76

1,2,3-Trichloropropane

Concen: 20.691 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX005079.D

Acq: 05 Oct 2018 21:05

Instrument :

MSVOA_X

ClientSampleId :

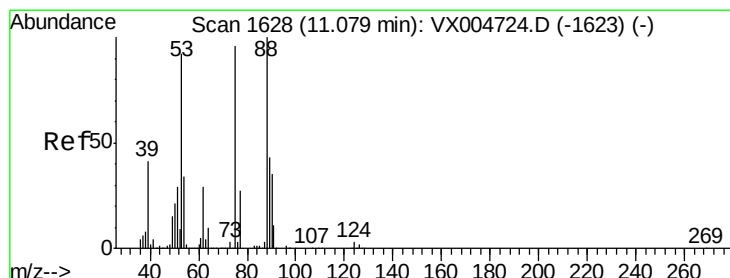
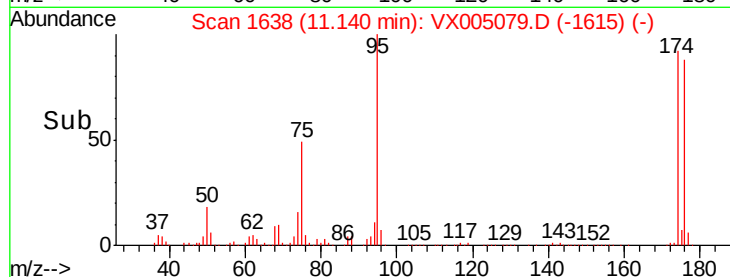
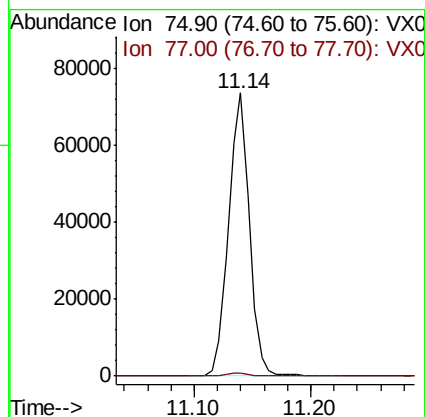
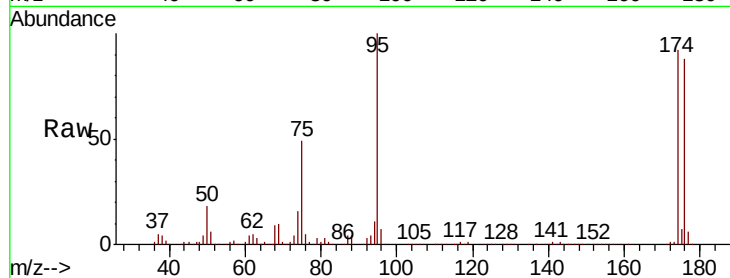
SA-TW510-3236DL

Tot Ion: 75 Resp: 91359

Ion Ratio Lower Upper

75 100

77 1.3 21.4 64.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 56.177 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.06 min

Lab File: VX005079.D

Acq: 05 Oct 2018 21:05

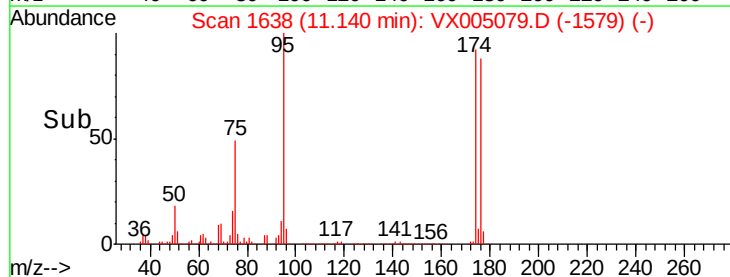
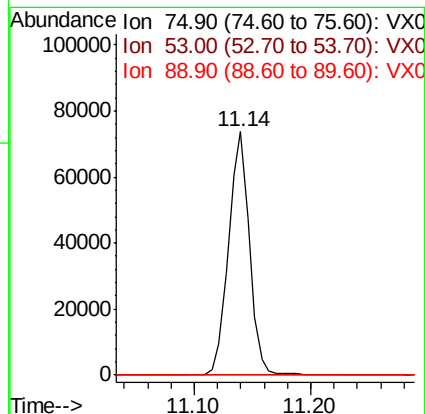
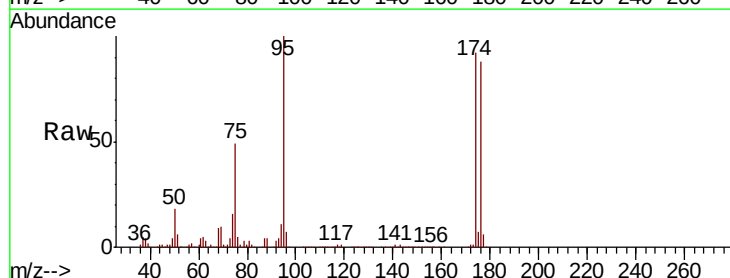
Tgt Ion: 75 Resp: 91359

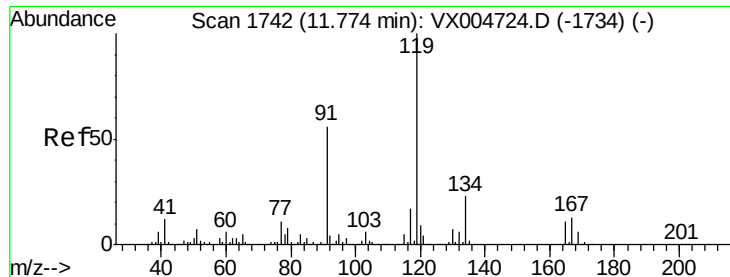
Ion Ratio Lower Upper

75 100

53 0.3 80.2 120.4#

89 0.1 37.1 55.7#

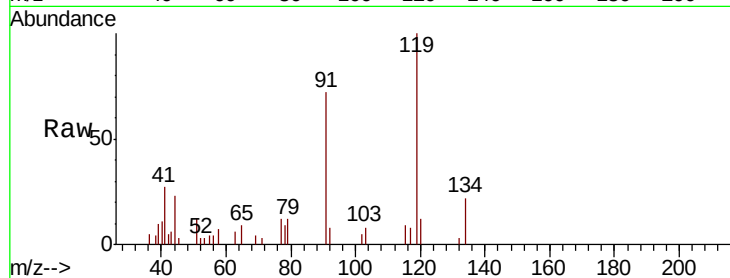




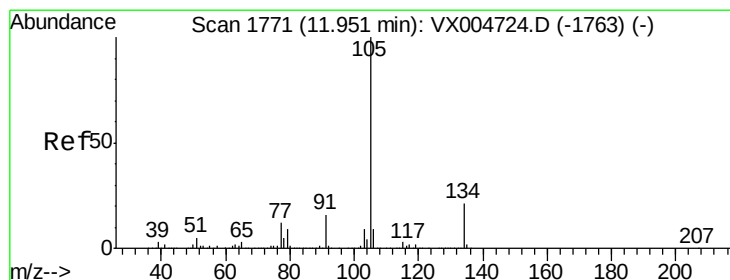
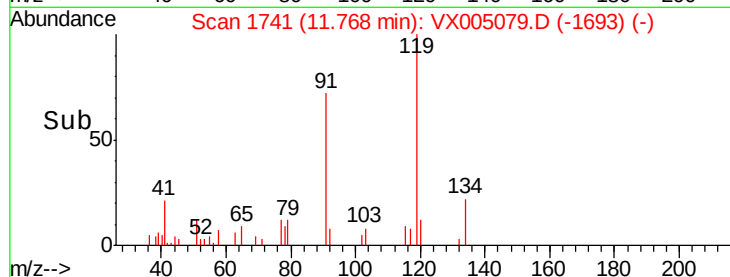
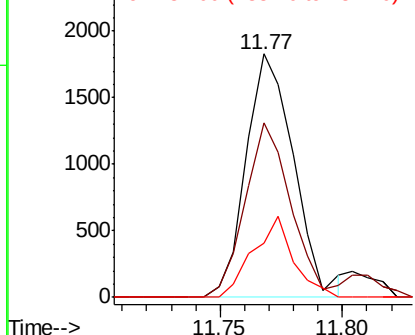
#83
tert-Butylbenzene
Concen: 0.244 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.01 min
Lab File: VX005079.D
Acq: 05 Oct 2018 21:05

Instrument :
MSVOA_X
ClientSampleId :
SA-TW510-3236DL

Tot Ion:119 Resp: 2494
Ion Ratio Lower Upper
119 100
91 69.2 27.5 82.5
134 28.1 11.5 34.4

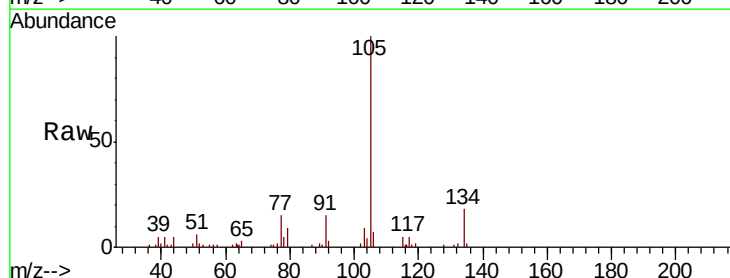


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX0
Ion 134.00 (133.70 to 134.70): V

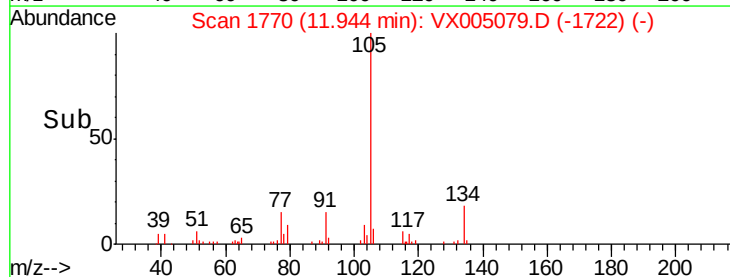
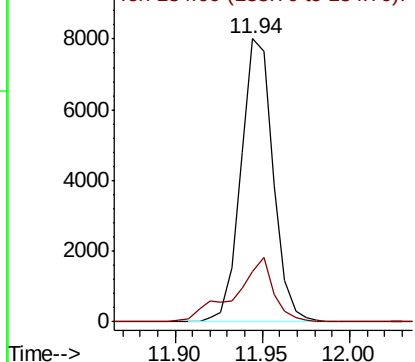


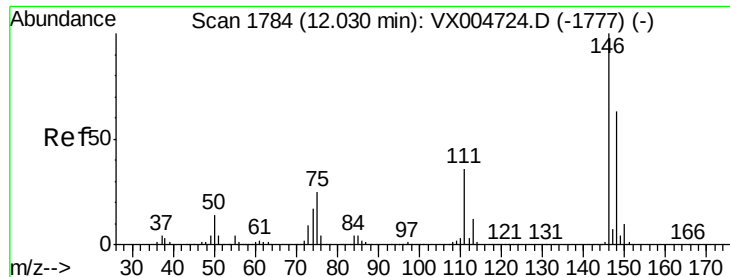
#85
sec-Butylbenzene
Concen: 0.820 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. -0.01 min
Lab File: VX005079.D
Acq: 05 Oct 2018 21:05

Tgt Ion:105 Resp: 10209
Ion Ratio Lower Upper
105 100
134 27.7 10.2 30.4



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

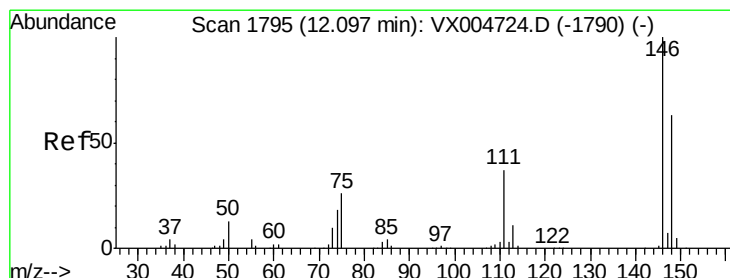
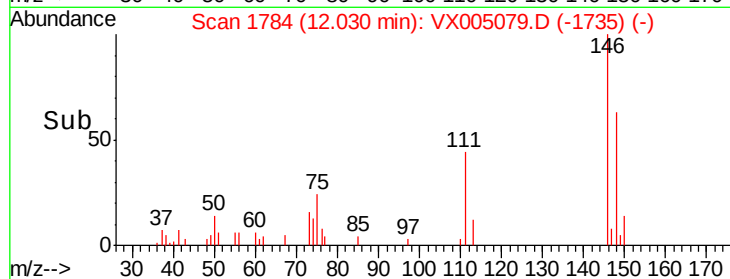
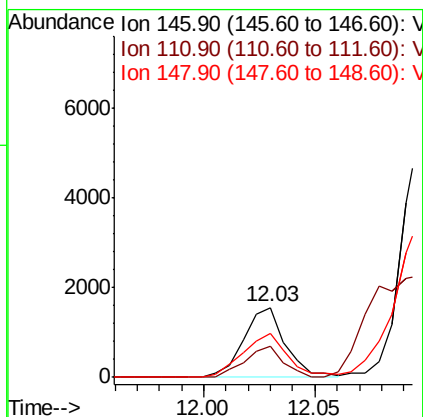
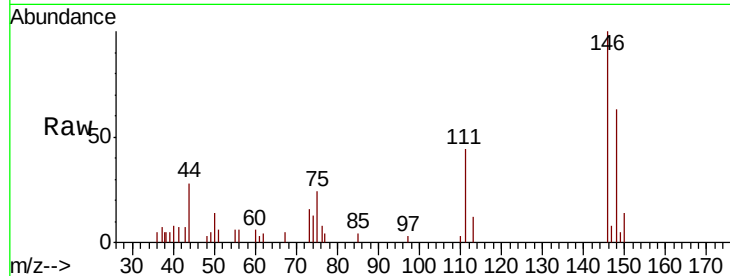




#87
 1,3-Dichlorobenzene
 Concen: 0.303 ug/l
 RT: 12.03 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: VX005079.D
 Acq: 05 Oct 2018 21:05

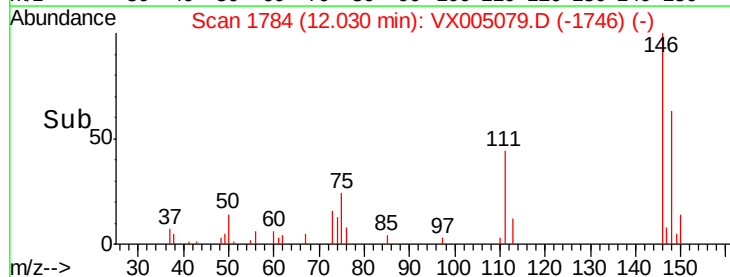
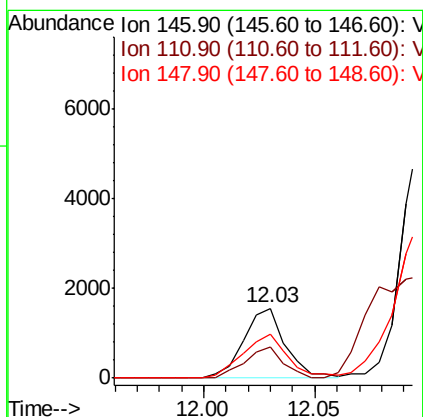
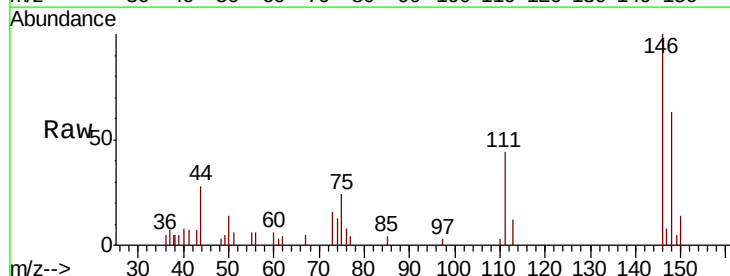
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW510-3236DL

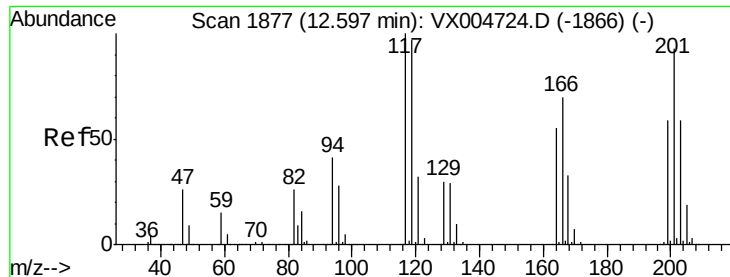
Tot Ion:146 Resp: 2042
 Ion Ratio Lower Upper
 146 100
 111 40.3 18.9 56.9
 148 68.5 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 0.294 ug/l
 RT: 12.03 min Scan# 1784
 Delta R.T. -0.07 min
 Lab File: VX005079.D
 Acq: 05 Oct 2018 21:05

Tgt Ion:146 Resp: 2042
 Ion Ratio Lower Upper
 146 100
 111 40.3 18.4 55.2
 148 68.5 32.0 96.0





#90

Hexachloroethane

Concen: 0.670 ug/l

RT: 12.76 min Scan# 1903

Delta R.T. 0.16 min

Lab File: VX005079.D

Acq: 05 Oct 2018 21:05

Instrument :

MSVOA_X

ClientSampleId :

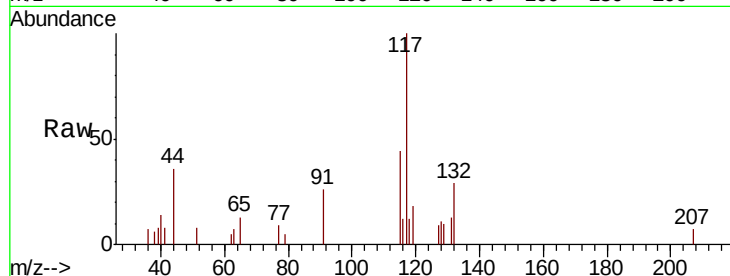
SA-TW510-3236DL

Tot Ion:117 Resp: 1258

Ion Ratio Lower Upper

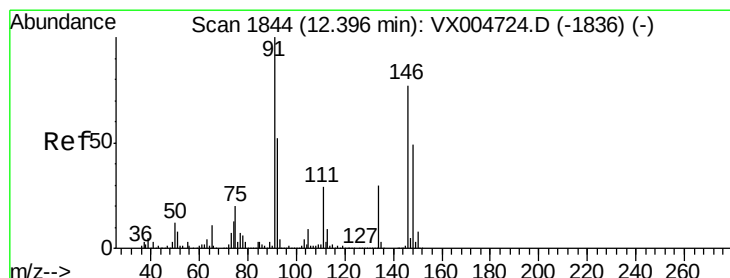
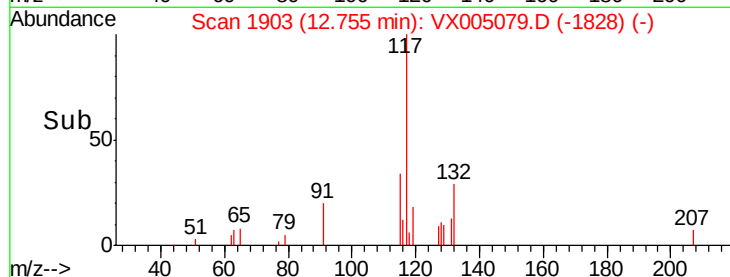
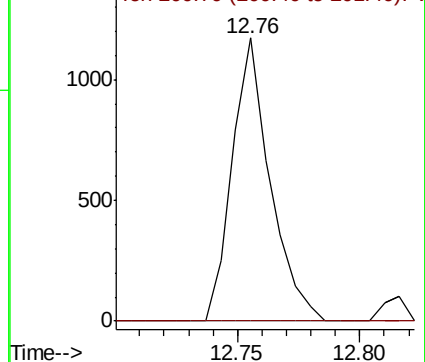
117 100

201 0.0 48.4 145.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 0.351 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.01 min

Lab File: VX005079.D

Acq: 05 Oct 2018 21:05

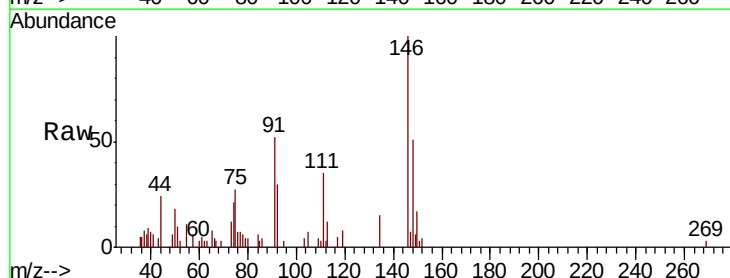
Tgt Ion:146 Resp: 2473

Ion Ratio Lower Upper

146 100

111 38.2 19.6 58.7

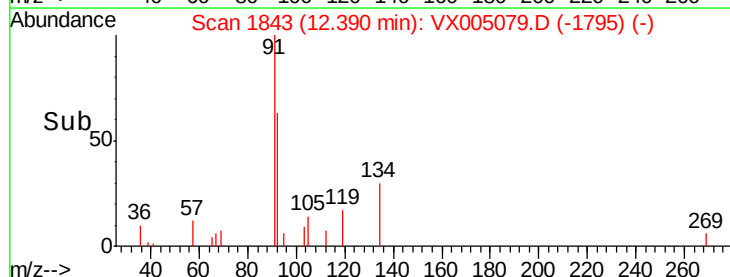
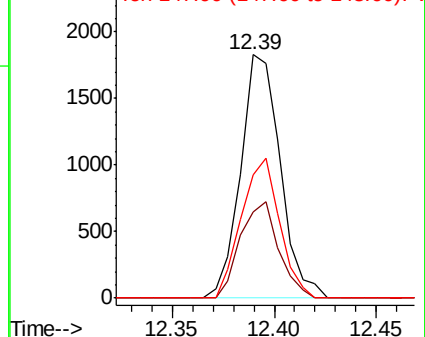
148 55.3 31.8 95.4

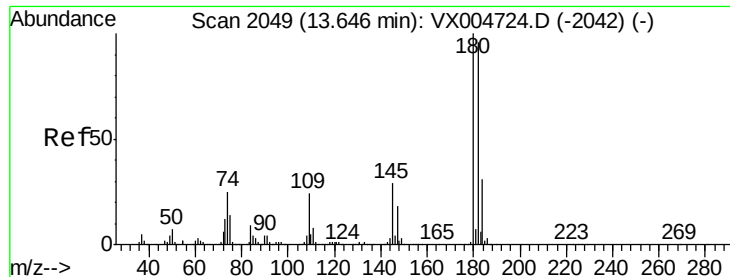


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

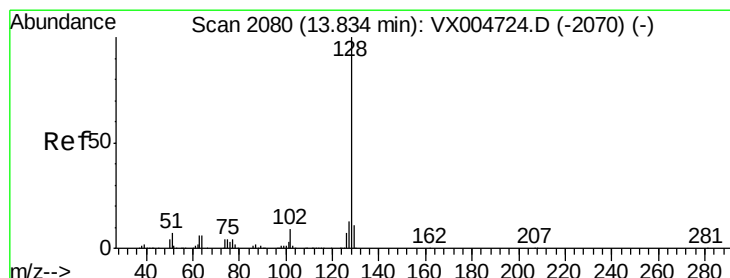
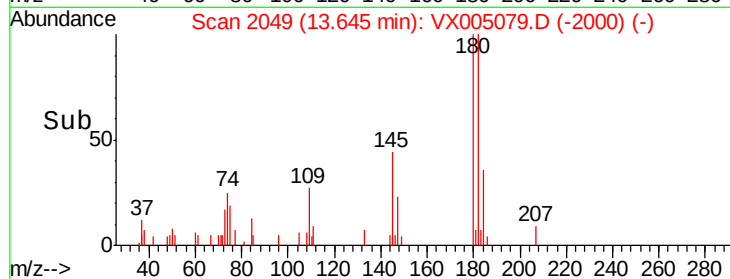
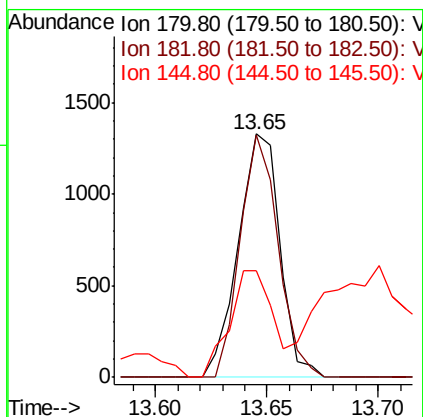
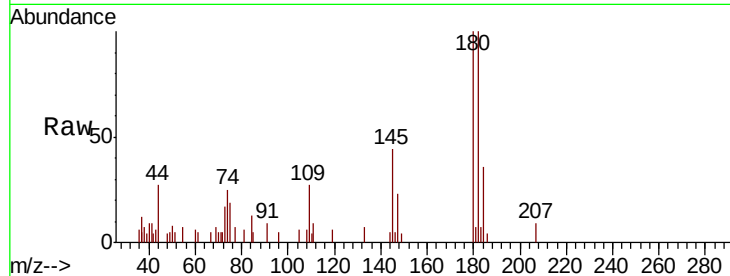




#93
 1,2,4-Trichlorobenzene
 Concen: 0.351 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005079.D
 Acq: 05 Oct 2018 21:05

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW510-3236DL

Tot Ion	Ratio	Lower	Upper
180	100		
182	90.7	47.8	143.4
145	45.1	14.1	42.4#



#95
 Naphthalene
 Concen: 0.883 ug/l
 RT: 13.83 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX005079.D
 Acq: 05 Oct 2018 21:05

Tgt Ion	Ratio	Lower	Upper
128	100		
127	17.8	10.4	15.6#
129	9.7	8.7	13.1

