

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100518\
 Data File : VX005083.D
 Acq On : 05 Oct 2018 22:52
 Operator : JC/MD
 Sample : J5207-20
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW511-3135

Quant Time: Oct 05 23:51:36 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	221557	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	346772	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	342578	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	200897	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	165969	52.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.88%	
35) Dibromofluoromethane	5.49	113	141634	48.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.38%	
50) Toluene-d8	8.72	98	505596	51.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.50%	
62) 4-Bromofluorobenzene	11.14	95	189219	53.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.52%	

Target Compounds

					Qvalue	
3) Chloromethane	1.32	50	862	0.235	ug/l #	70
5) Bromomethane	1.65	94	551	0.270	ug/l #	61
6) Chloroethane	1.73	64	3469	Below Cal		94
11) Tert butyl alcohol	3.06	59	1040	1.175	ug/l #	76
12) 1,1-Dichloroethene	2.37	96	6586	2.743	ug/l	80
13) Acrolein	2.30	56	270	0.429	ug/l #	10
14) Allyl chloride	2.62	41	5243	1.001	ug/l #	57
16) Acetone	2.45	43	8010	4.335	ug/l	93
17) Carbon Disulfide	2.56	76	1695	0.235	ug/l #	76
20) Methylene Chloride	2.85	84	1038	Below Cal	#	81
24) 1,1-Dichloroethane	3.69	63	182263	34.641	ug/l	98
25) 2-Butanone	4.71	43	844	0.310	ug/l	98
36) 1,1-Dichloropropene	5.67	75	15092	3.764	ug/l #	42
38) Carbon Tetrachloride	5.66	117	20068	4.761	ug/l #	18
40) Benzene	6.15	78	17810	1.419	ug/l #	87
55) 1,1,2-Trichloroethane	9.16	97	626	0.207	ug/l #	14
56) Ethyl methacrylate	9.16	69	188	2.898	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.26	63	23	14.250	ug/l #	49
65) Chlorobenzene	10.14	112	4808	0.547	ug/l	92
70) Styrene	10.72	104	87	2.149	ug/l #	1
73) Isopropylbenzene	11.02	105	19248	1.520	ug/l	100
74) N-amyl acetate	10.94	43	1279	1.925	ug/l #	65
76) 1,2,3-Trichloropropane	11.14	75	93876	20.848	ug/l #	35
80) 1,3,5-Trimethylbenzene	11.51	105	352	Below Cal		86
81) trans-1,4-Dichloro-2-buten	11.14	75	93876	56.588	ug/l #	10
83) tert-Butylbenzene	11.77	119	9892	0.949	ug/l	85
84) 1,2,4-Trimethylbenzene	11.94	105	46110	3.669	ug/l #	31
85) sec-Butylbenzene	11.94	105	46110	3.631	ug/l	84
86) p-Isopropyltoluene	12.23	119	2930	0.255	ug/l	90
87) 1,3-Dichlorobenzene	12.02	146	4314	0.628	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	19515	2.753	ug/l	88
91) 1,2-Dichlorobenzene	12.39	146	7426	1.035	ug/l	98
93) 1,2,4-Trichlorobenzene	13.65	180	2844	0.565	ug/l #	71
95) Naphthalene	13.83	128	1446	0.805	ug/l #	69

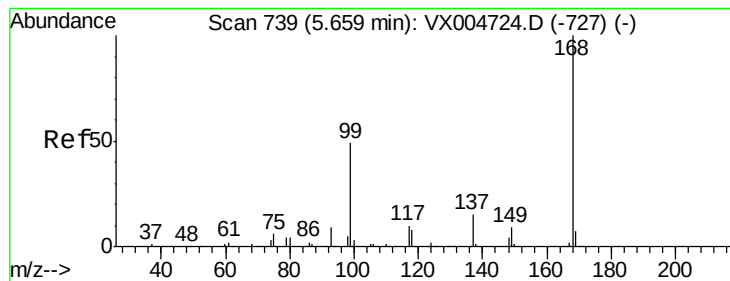
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX100518\
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QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005083.D

Acq: 05 Oct 2018 22:52

Instrument :

MSVOA_X

ClientSampleId :

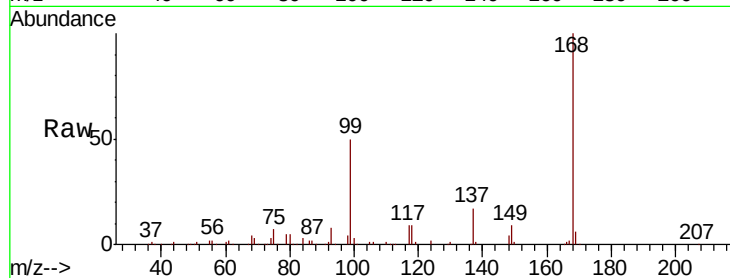
SA-TW511-3135

Tot Ion:168 Resp: 221557

Ion Ratio Lower Upper

168 100

99 50.3 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

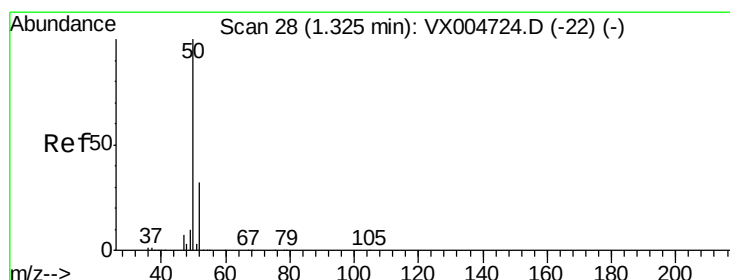
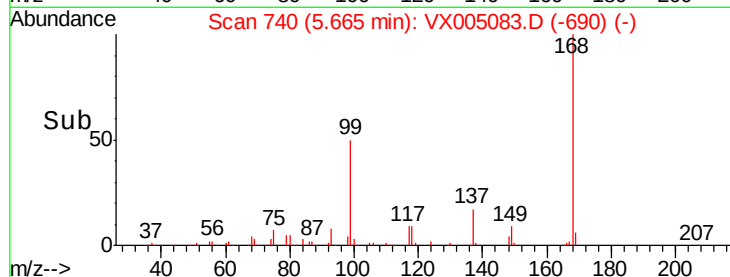
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.235 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005083.D

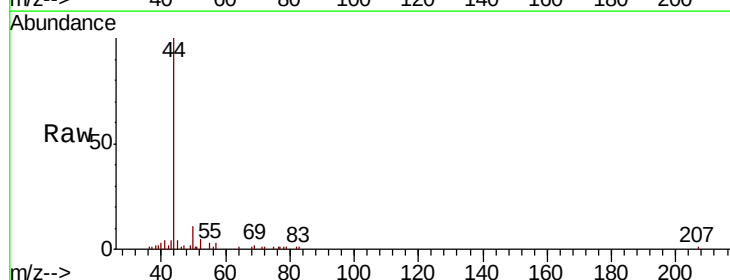
Acq: 05 Oct 2018 22:52

Tgt Ion: 50 Resp: 862

Ion Ratio Lower Upper

50 100

52 48.8 25.8 38.6#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

600

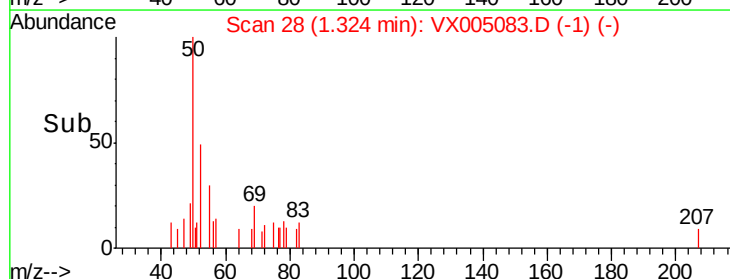
400

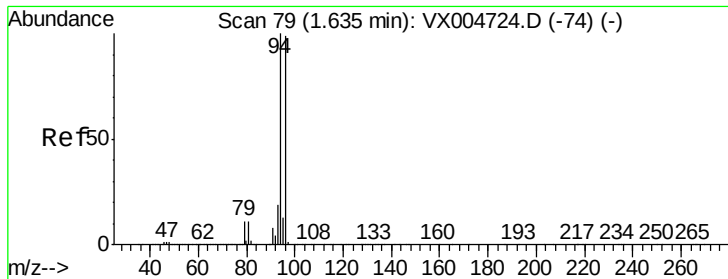
200

0

Time-->

1.30 1.35





#5

Bromomethane

Concen: 0.270 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX005083.D

Acq: 05 Oct 2018 22:52

Instrument :

MSVOA_X

ClientSampleId :

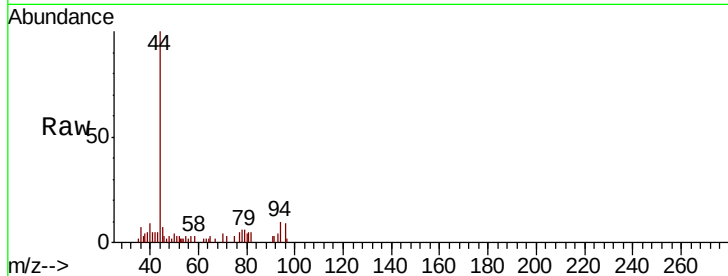
SA-TW511-3135

Tot Ion: 94 Resp: 551

Ion Ratio Lower Upper

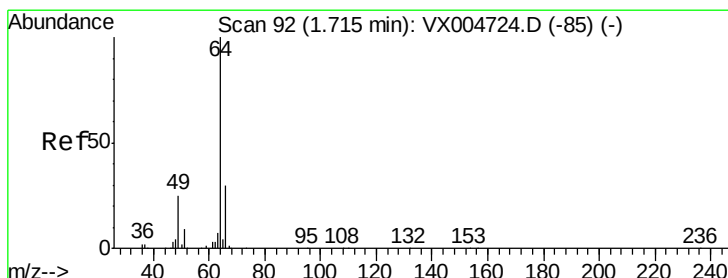
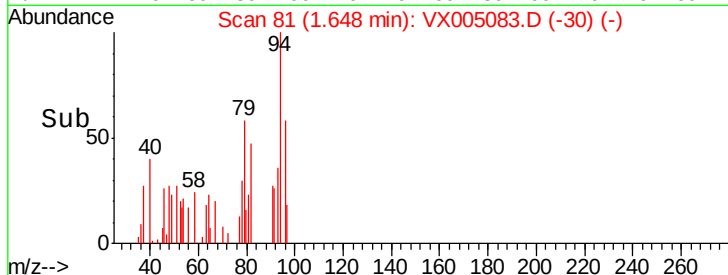
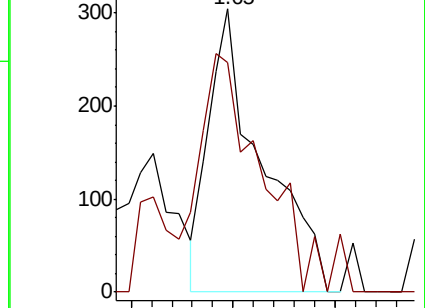
94 100

96 60.5 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: Below Cal

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX005083.D

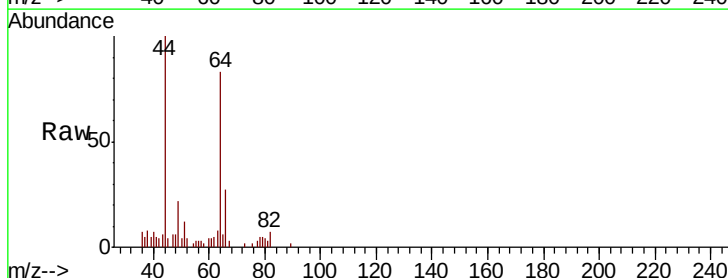
Acq: 05 Oct 2018 22:52

Tgt Ion: 64 Resp: 3469

Ion Ratio Lower Upper

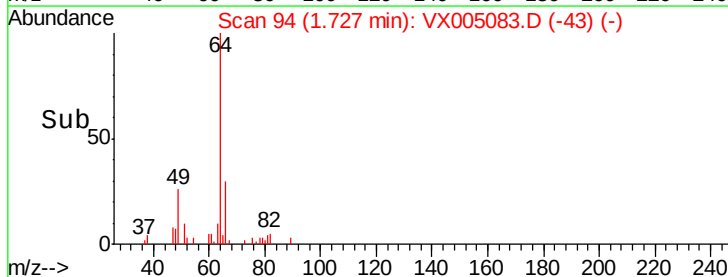
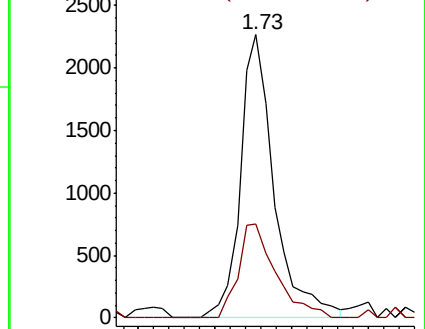
64 100

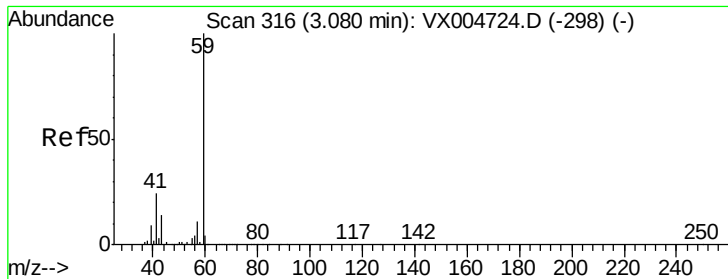
66 33.2 23.8 35.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#11

Tert butyl alcohol

Concen: 1.175 ug/l

RT: 3.06 min Scan# 313

Delta R.T. -0.02 min

Lab File: VX005083.D

Acq: 05 Oct 2018 22:52

Instrument :

MSVOA_X

ClientSampleId :

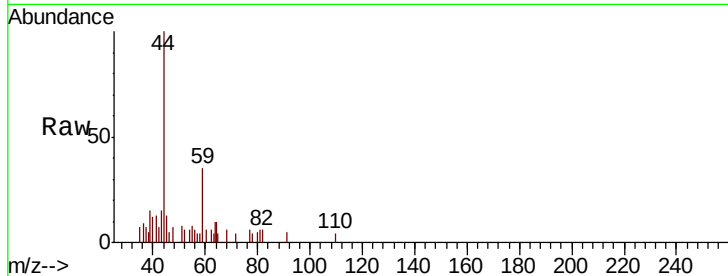
SA-TW511-3135

Tot Ion: 59 Resp: 1040

Ion Ratio Lower Upper

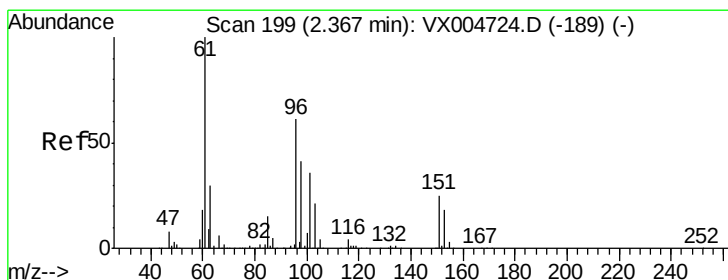
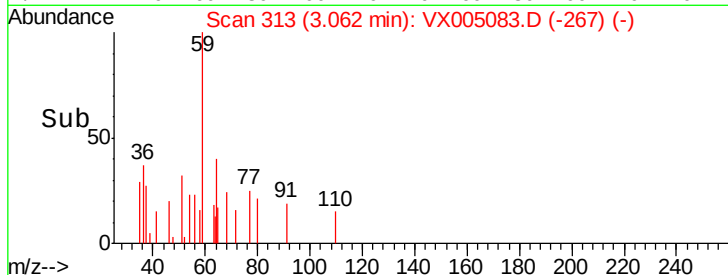
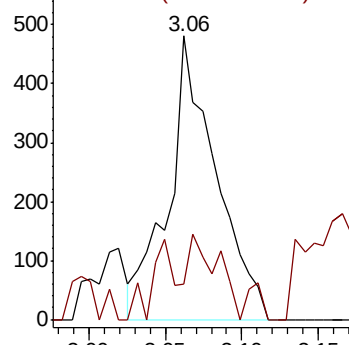
59 100

57 19.9 8.6 12.8#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#12

1,1-Dichloroethene

Concen: 2.743 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.01 min

Lab File: VX005083.D

Acq: 05 Oct 2018 22:52

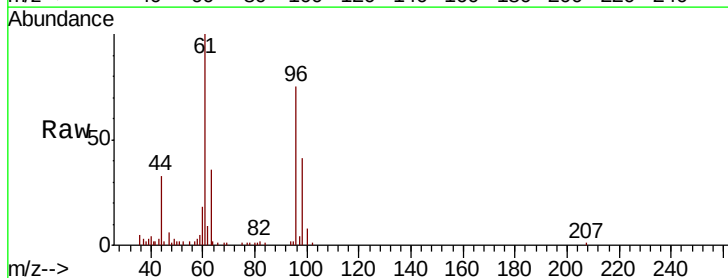
Tgt Ion: 96 Resp: 6586

Ion Ratio Lower Upper

96 100

61 133.8 130.2 195.4

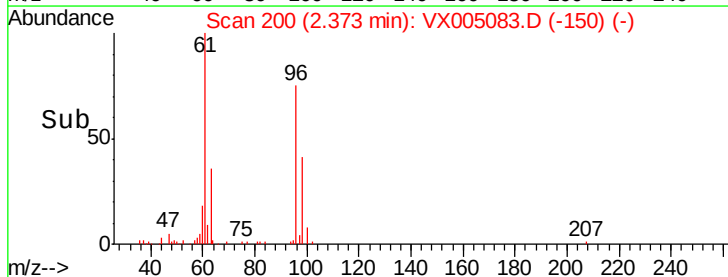
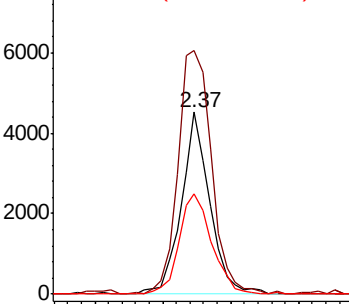
98 55.2 53.4 80.0

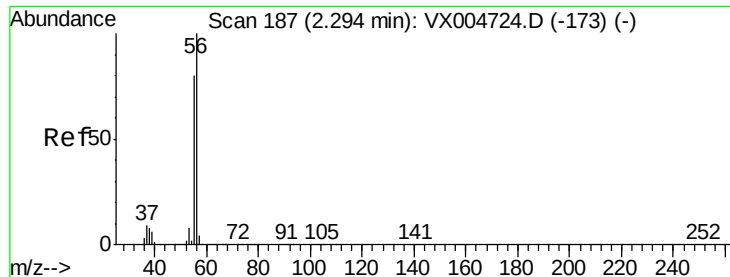


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#13

Acrolein

Concen: 0.429 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX005083.D

Acq: 05 Oct 2018 22:52

Instrument :

MSVOA_X

ClientSampleId :

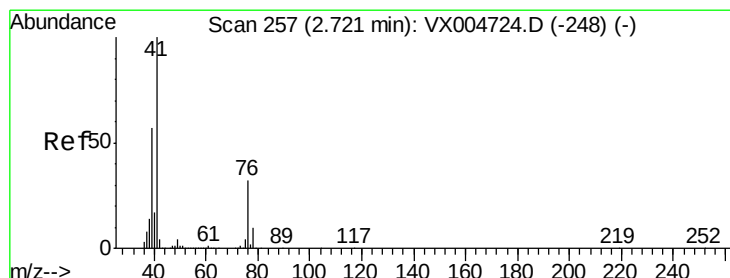
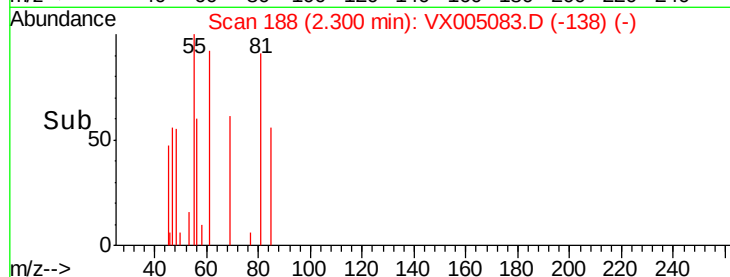
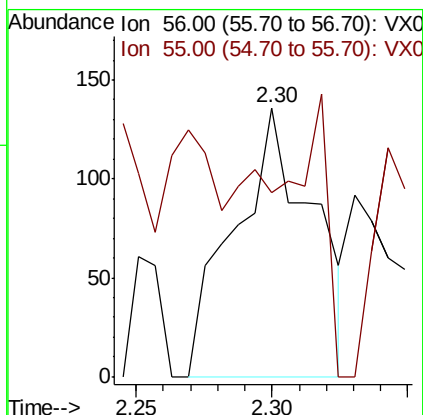
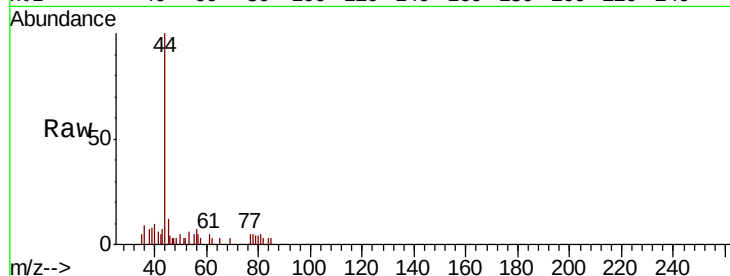
SA-TW511-3135

Tot Ion: 56 Resp: 270

Ion Ratio Lower Upper

56 100

55 0.0 63.4 95.2#



#14

Allyl chloride

Concen: 1.001 ug/l

RT: 2.62 min Scan# 240

Delta R.T. -0.10 min

Lab File: VX005083.D

Acq: 05 Oct 2018 22:52

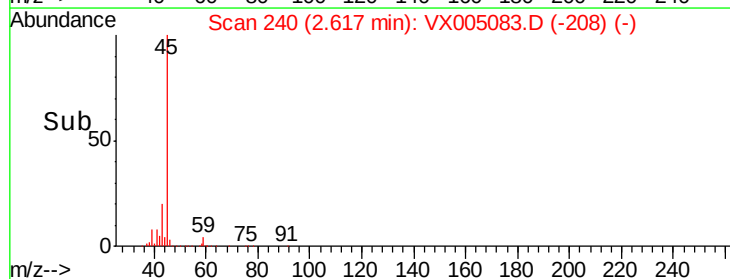
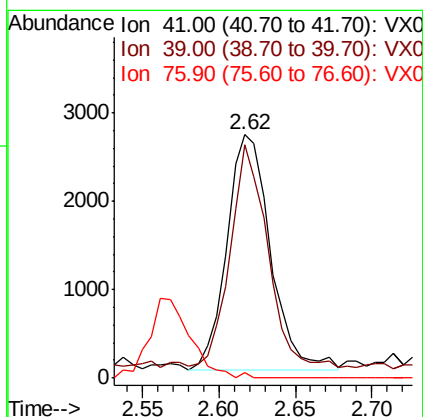
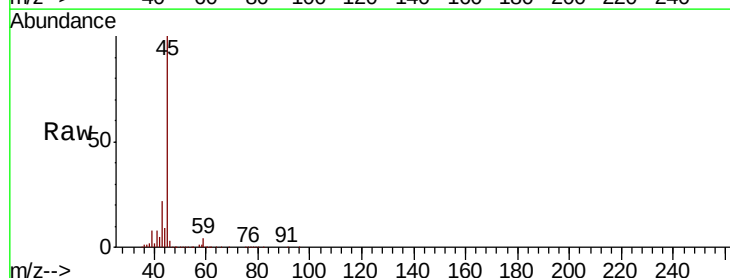
Tgt Ion: 41 Resp: 5243

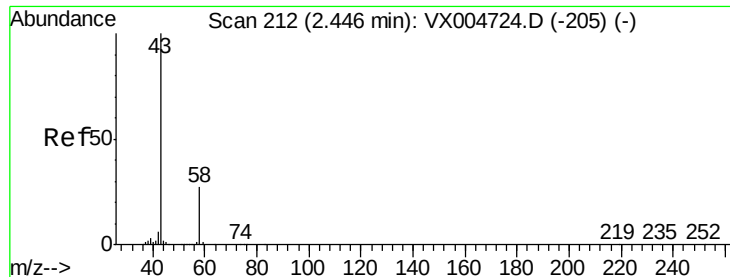
Ion Ratio Lower Upper

41 100

39 80.5 44.1 66.1#

76 0.0 25.0 37.4#





#16

Acetone

Concen: 4.335 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005083.D

Acq: 05 Oct 2018 22:52

Instrument :

MSVOA_X

ClientSampleId :

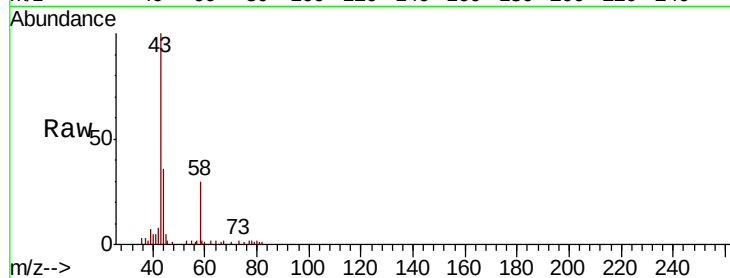
SA-TW511-3135

Tot Ion: 43 Resp: 8010

Ion Ratio Lower Upper

43 100

58 30.6 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

6000

5000

4000

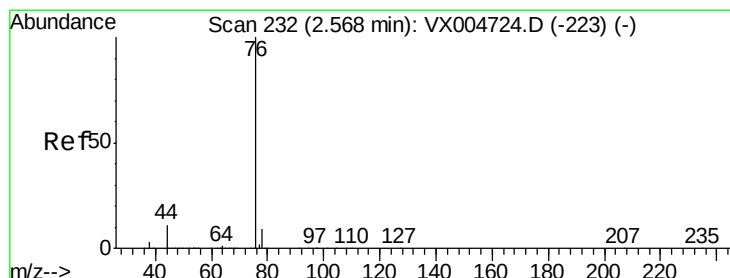
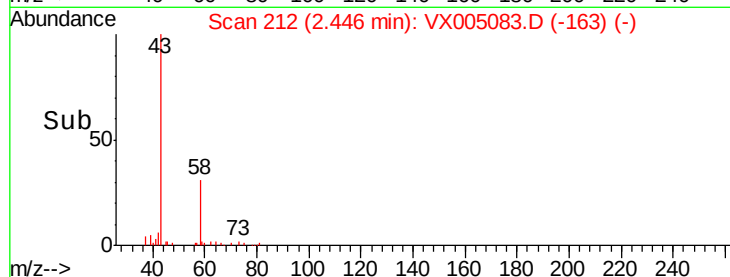
3000

2000

1000

0

Time--> 2.35 2.40 2.45 2.50 2.55



#17

Carbon Disulfide

Concen: 0.235 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.01 min

Lab File: VX005083.D

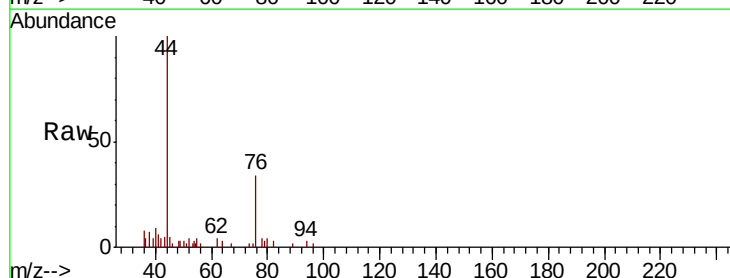
Acq: 05 Oct 2018 22:52

Tgt Ion: 76 Resp: 1695

Ion Ratio Lower Upper

76 100

78 0.2 7.0 10.6#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

1000

800

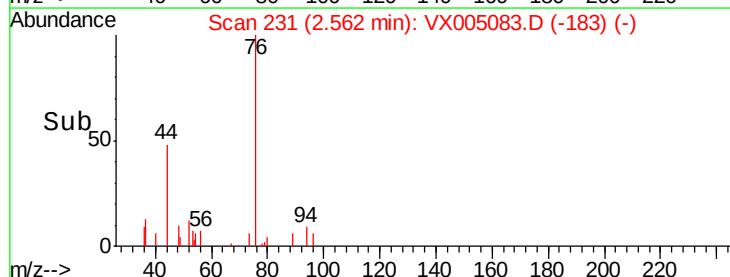
600

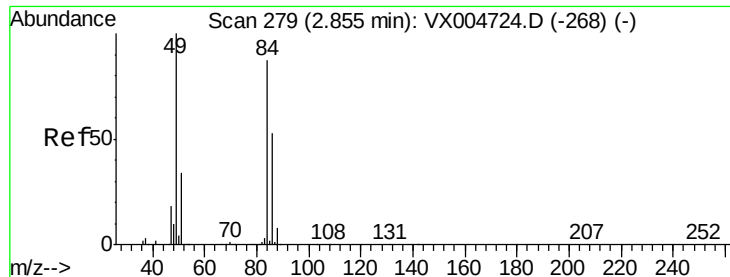
400

200

0

Time--> 2.50 2.55 2.60 2.65

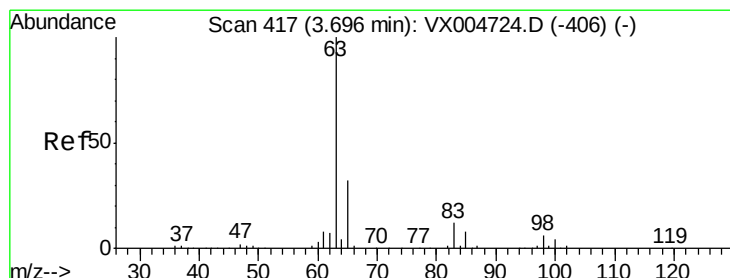
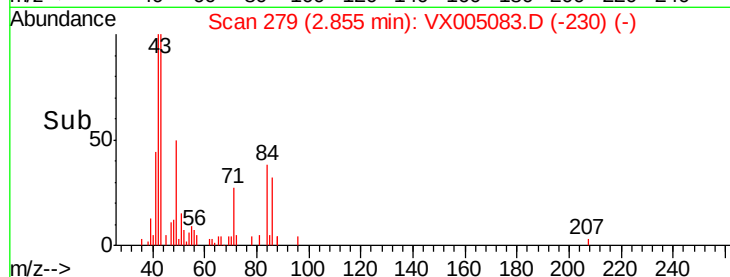
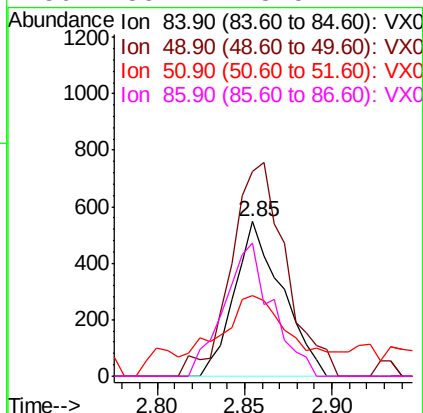
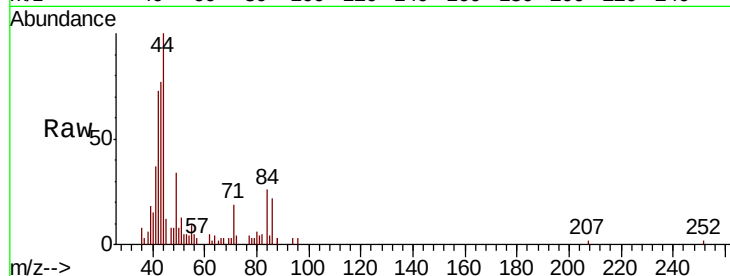




#20
Methylene Chloride
Concen: Below Cal
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX005083.D
Acq: 05 Oct 2018 22:52

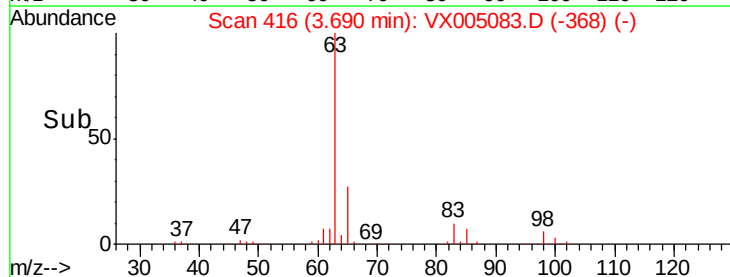
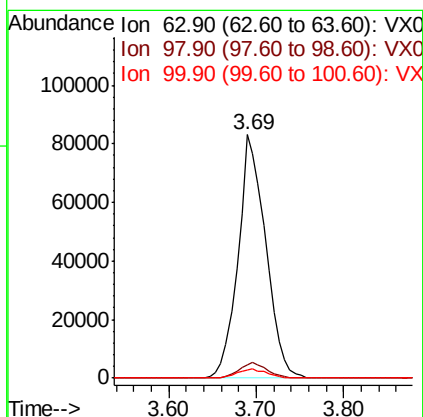
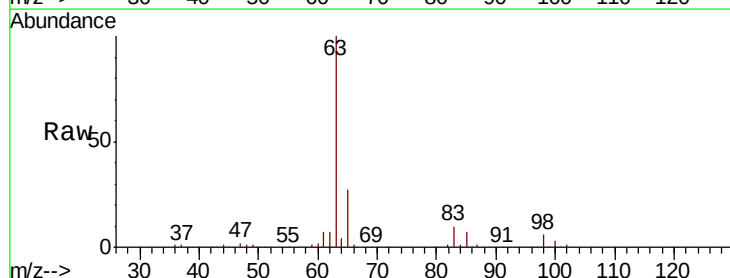
Instrument :
MSVOA_X
ClientSampleId :
SA-TW511-3135

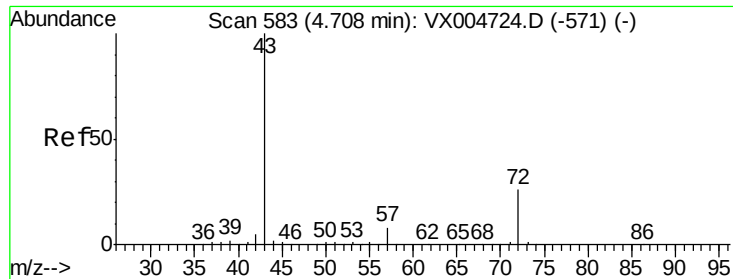
Tot Ion: 84 Resp: 1038
Ion Ratio Lower Upper
84 100
49 132.7 92.3 138.5
51 37.3 31.8 47.6
86 85.7 48.5 72.7#



#24
1,1-Dichloroethane
Concen: 34.641 ug/l
RT: 3.69 min Scan# 416
Delta R.T. -0.01 min
Lab File: VX005083.D
Acq: 05 Oct 2018 22:52

Tgt Ion: 63 Resp: 182263
Ion Ratio Lower Upper
63 100
98 5.6 3.0 9.2
100 3.2 2.0 5.8





#25

2-Butanone

Concen: 0.310 ug/l

RT: 4.71 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX005083.D

Acq: 05 Oct 2018 22:52

Instrument :

MSVOA_X

ClientSampleId :

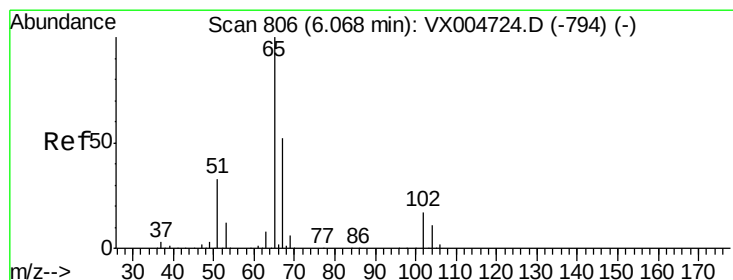
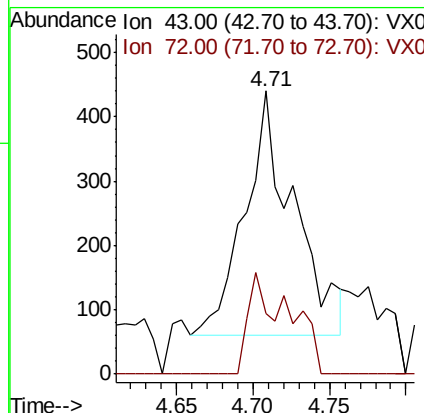
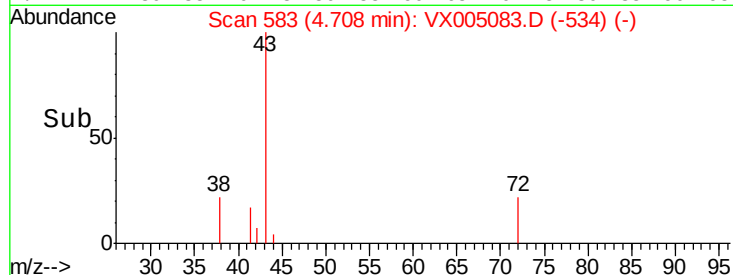
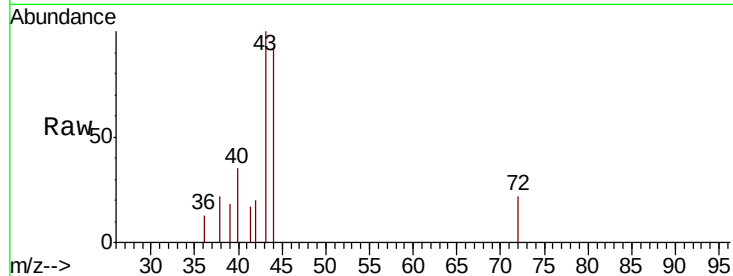
SA-TW511-3135

Tot Ion: 43 Resp: 844

Ion Ratio Lower Upper

43 100

72 25.1 20.8 31.2



#33

1,2-Dichloroethane-d4

Concen: 52.440 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX005083.D

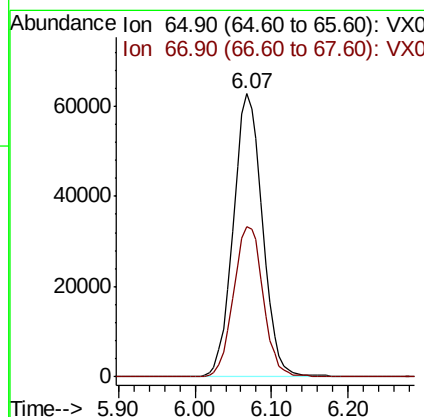
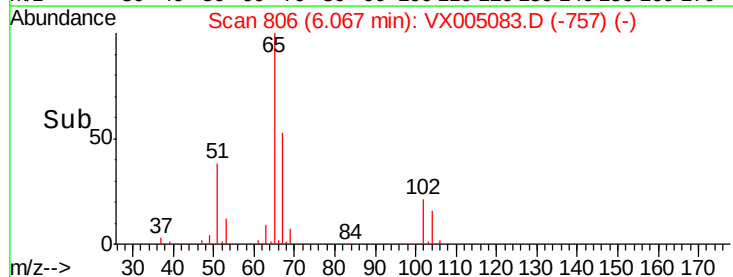
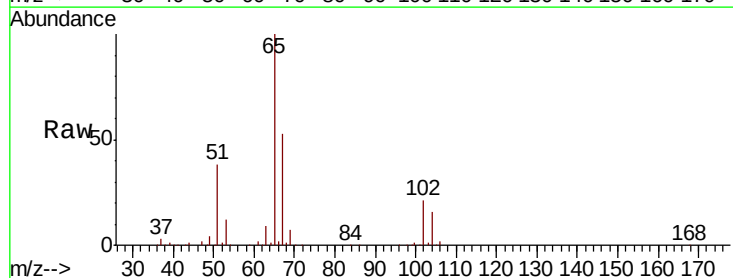
Acq: 05 Oct 2018 22:52

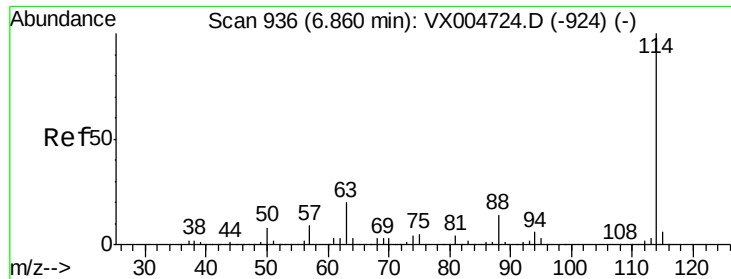
Tgt Ion: 65 Resp: 165969

Ion Ratio Lower Upper

65 100

67 53.9 0.0 107.4

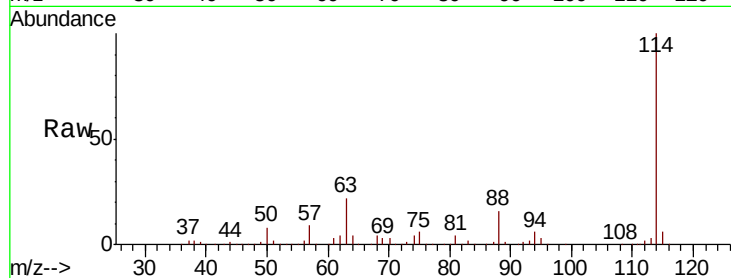




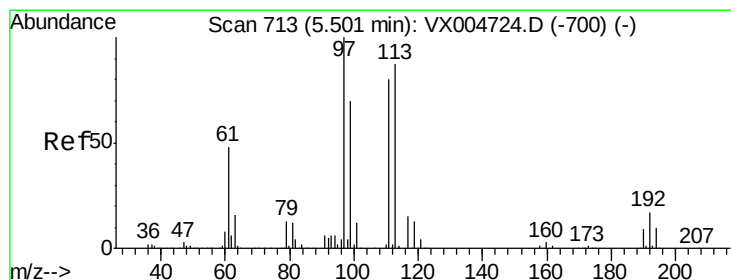
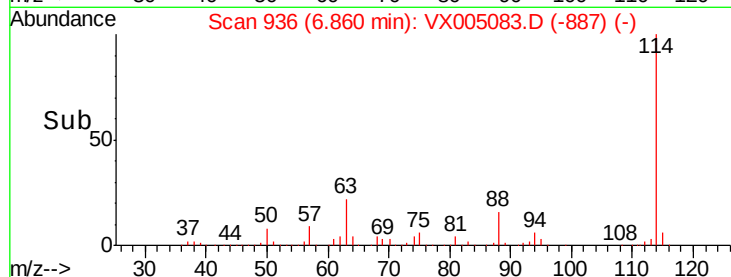
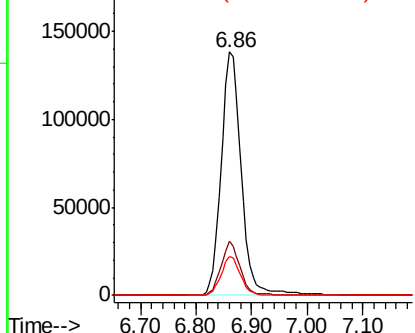
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005083.D
 Acq: 05 Oct 2018 22:52

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW511-3135

Tot Ion:114 Resp: 346772
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 39.8
 88 15.8 0.0 27.0

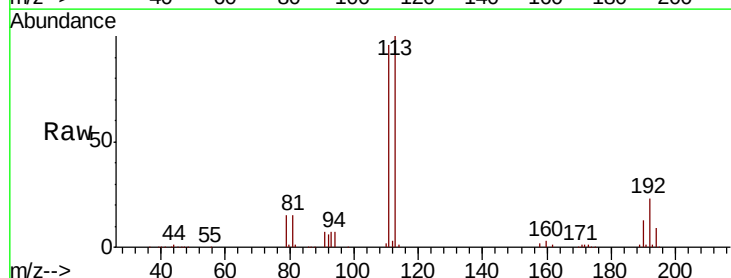


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

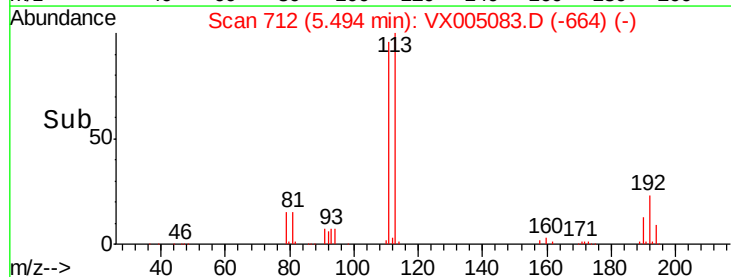
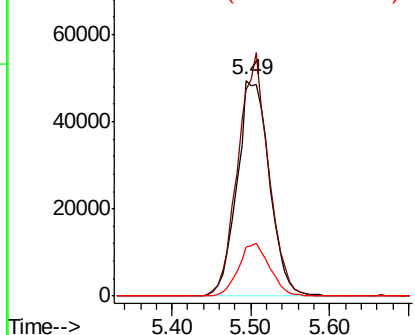


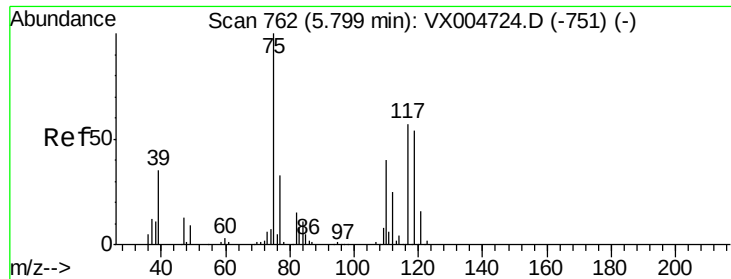
#35
 Dibromofluoromethane
 Concen: 48.192 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX005083.D
 Acq: 05 Oct 2018 22:52

Tgt Ion:113 Resp: 141634
 Ion Ratio Lower Upper
 113 100
 111 105.6 77.0 115.4
 192 23.4 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

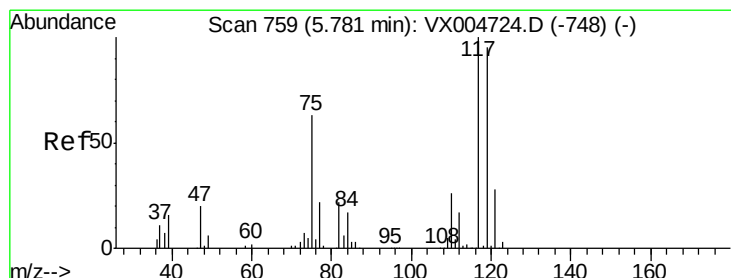
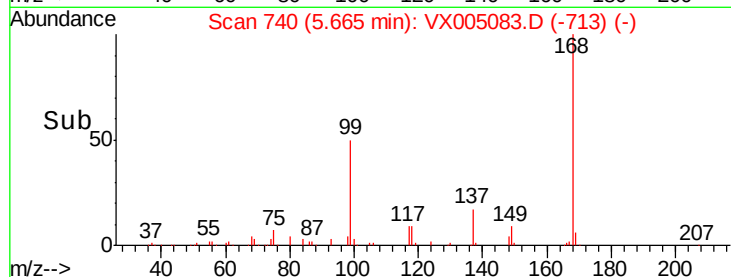
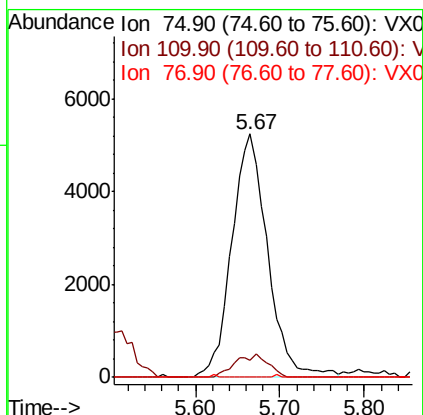
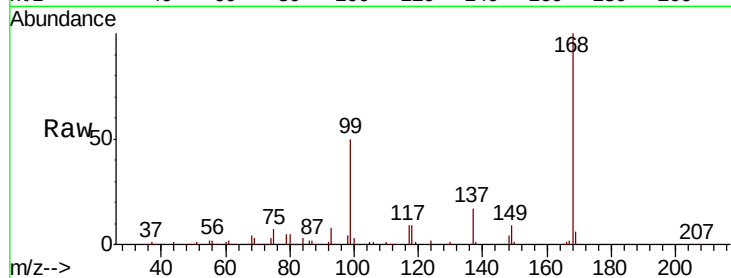




#36
 1,1-Dichloropropene
 Concen: 3.764 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX005083.D
 Acq: 05 Oct 2018 22:52

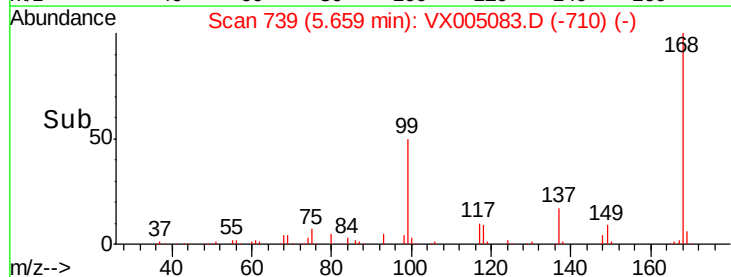
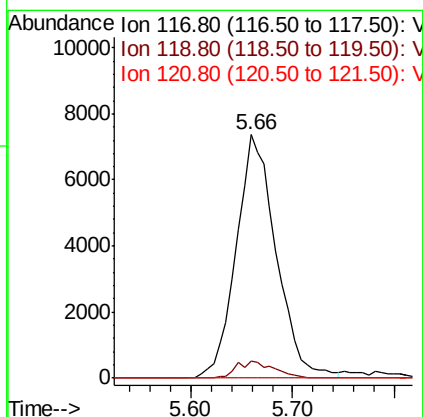
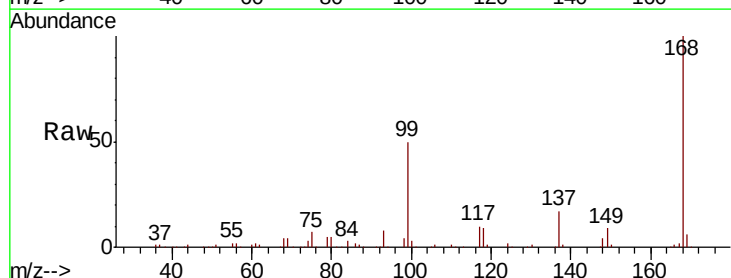
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW511-3135

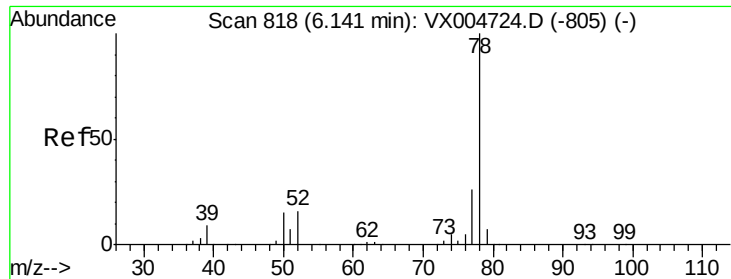
Tot Ion	Ratio	Lower	Upper
75	100		
110	4.7	20.0	59.9#
77	0.0	27.1	40.7#



#38
 Carbon Tetrachloride
 Concen: 4.761 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.12 min
 Lab File: VX005083.D
 Acq: 05 Oct 2018 22:52

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.8	75.2	112.8#
121	0.0	22.5	33.7#





#40

Benzene

Concen: 1.419 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX005083.D

Acq: 05 Oct 2018 22:52

Instrument :

MSVOA_X

ClientSampleId :

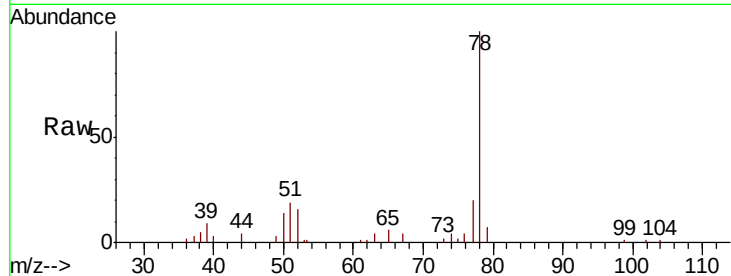
SA-TW511-3135

Tot Ion: 78 Resp: 17810

Ion Ratio Lower Upper

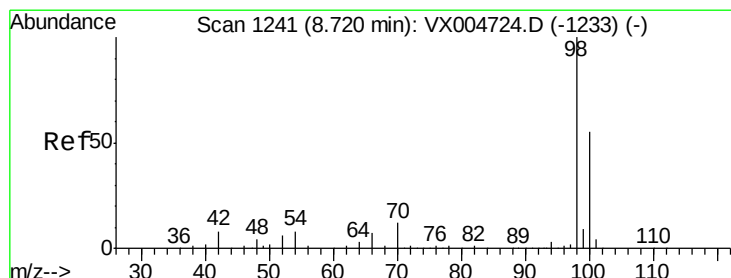
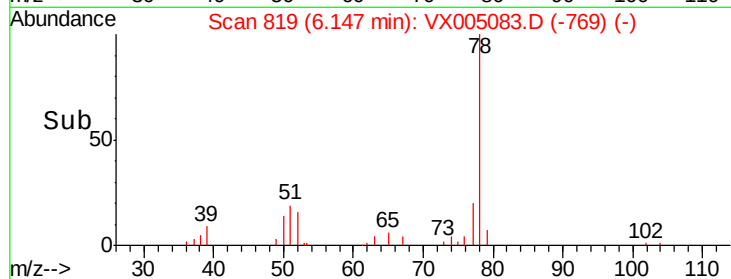
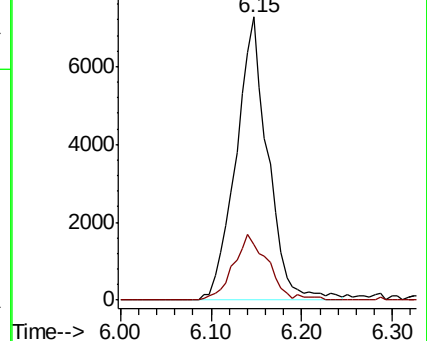
78 100

77 19.7 21.0 31.4#



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#50

Toluene-d8

Concen: 51.747 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. -0.00 min

Lab File: VX005083.D

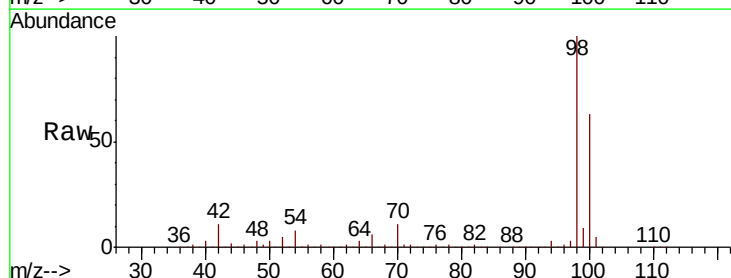
Acq: 05 Oct 2018 22:52

Tgt Ion: 98 Resp: 505596

Ion Ratio Lower Upper

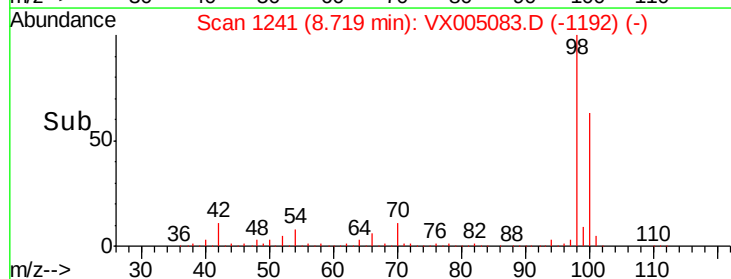
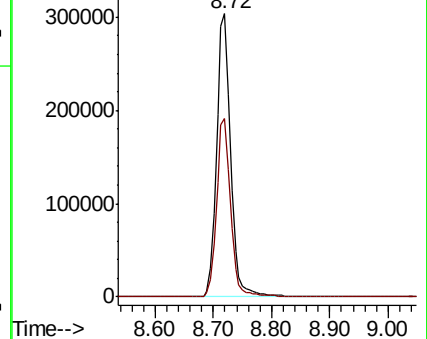
98 100

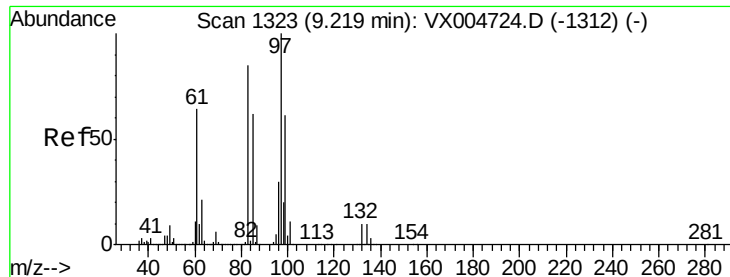
100 63.1 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#55

1,1,2-Trichloroethane

Concen: 0.207 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.05 min

Lab File: VX005083.D

Acq: 05 Oct 2018 22:52

Instrument :

MSVOA_X

ClientSampleId :

SA-TW511-3135

Tot Ion: 97 Resp: 626

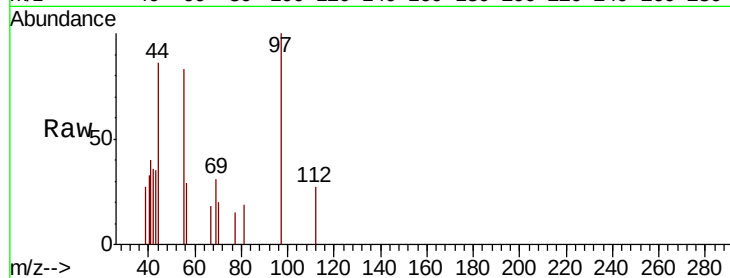
Ion Ratio Lower Upper

97 100

83 0.0 68.2 102.2#

85 0.0 49.9 74.9#

99 0.0 48.9 73.3#

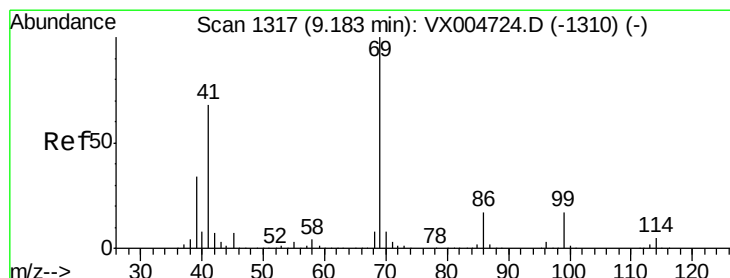
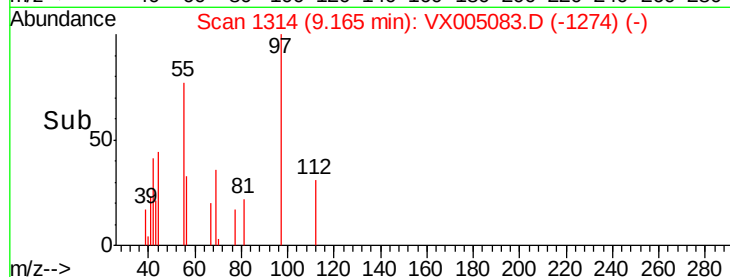
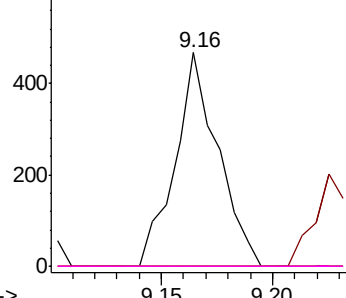


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 2.898 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.02 min

Lab File: VX005083.D

Acq: 05 Oct 2018 22:52

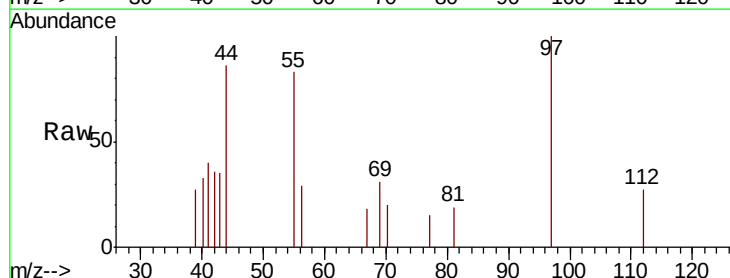
Tgt Ion: 69 Resp: 188

Ion Ratio Lower Upper

69 100

41 145.2 56.9 85.3#

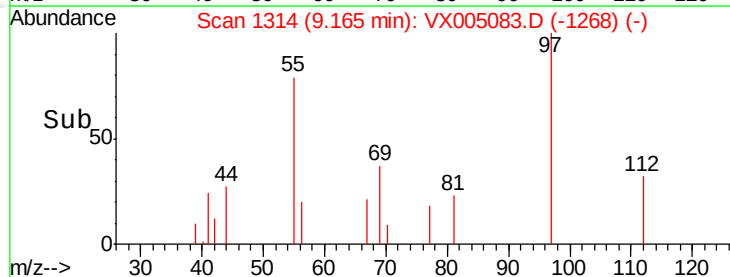
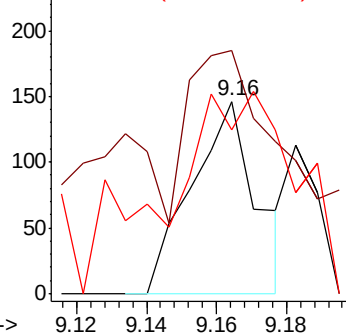
39 159.6 28.4 42.6#

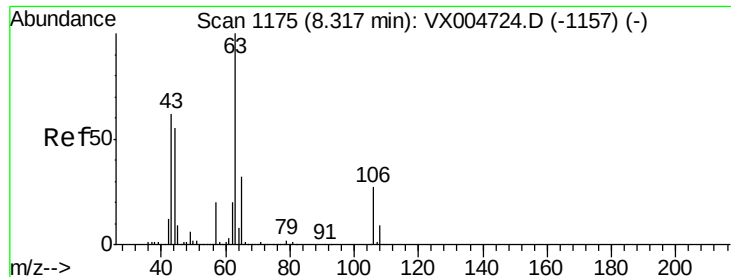


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

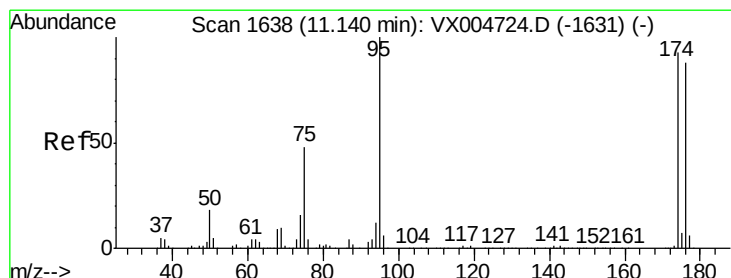
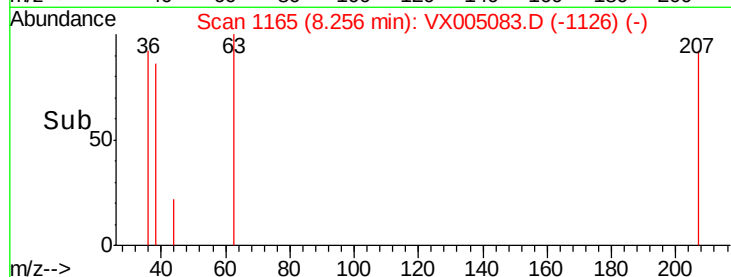
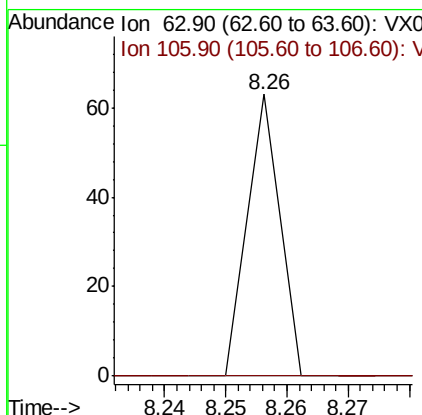
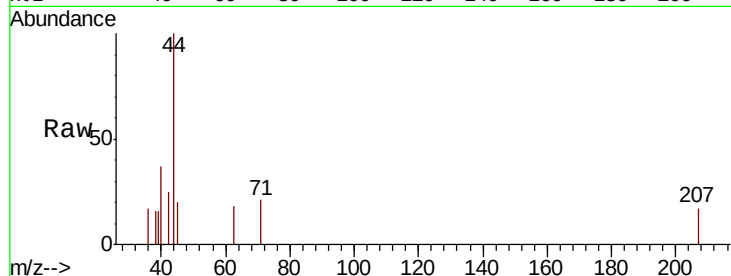




#58
 2-Chloroethyl Vinyl ether
 Concen: 14.250 ug/l
 RT: 8.26 min Scan# 1165
 Delta R.T. -0.06 min
 Lab File: VX005083.D
 Acq: 05 Oct 2018 22:52

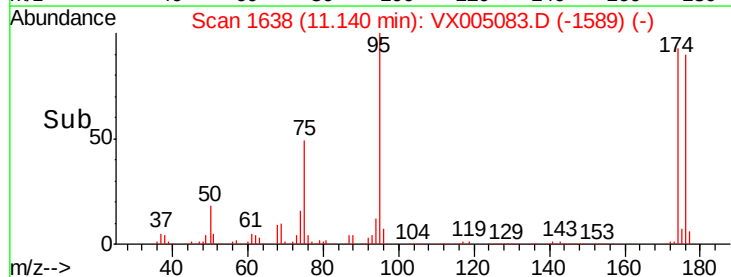
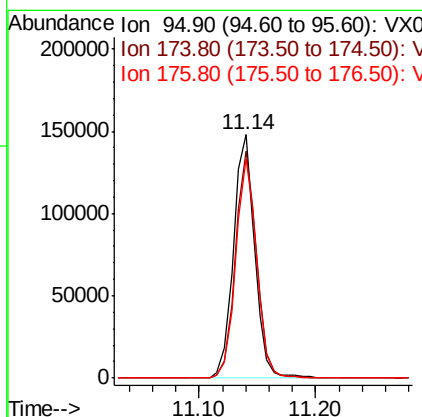
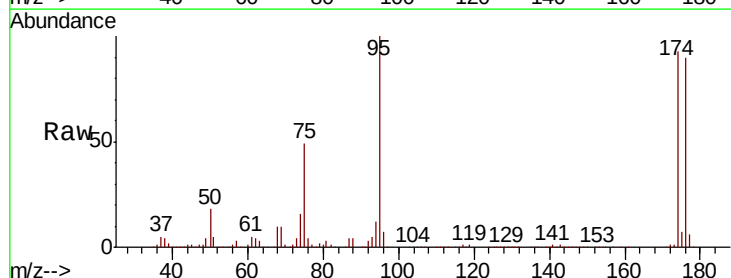
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW511-3135

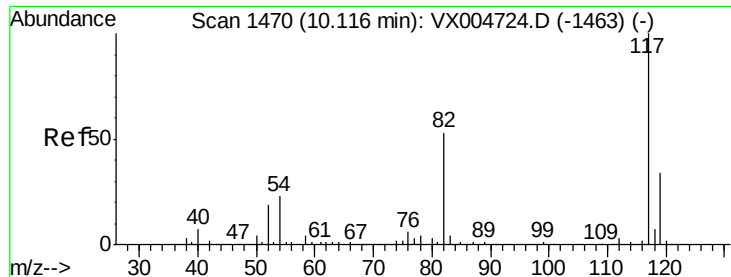
Tot Ion: 63 Resp: 23
 Ion Ratio Lower Upper
 63 100
 106 0.0 21.0 31.6#



#62
 4-Bromofluorobenzene
 Concen: 53.757 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. -0.00 min
 Lab File: VX005083.D
 Acq: 05 Oct 2018 22:52

Tgt Ion: 95 Resp: 189219
 Ion Ratio Lower Upper
 95 100
 174 92.2 0.0 185.0
 176 88.4 0.0 180.2

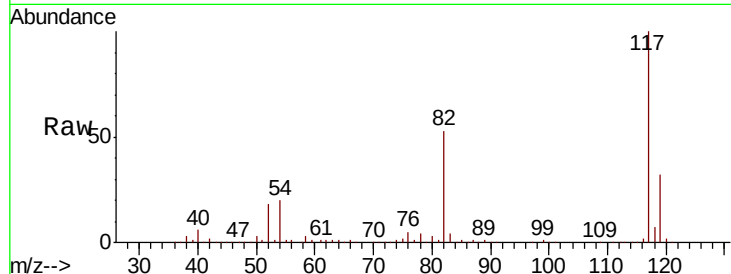




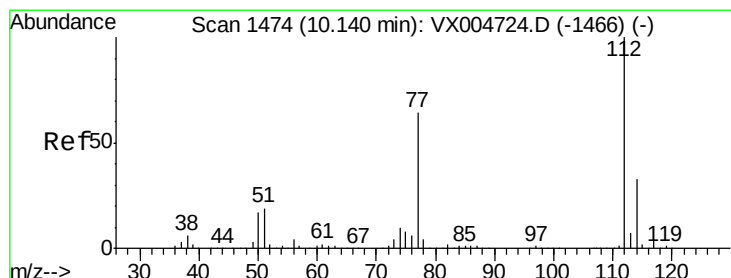
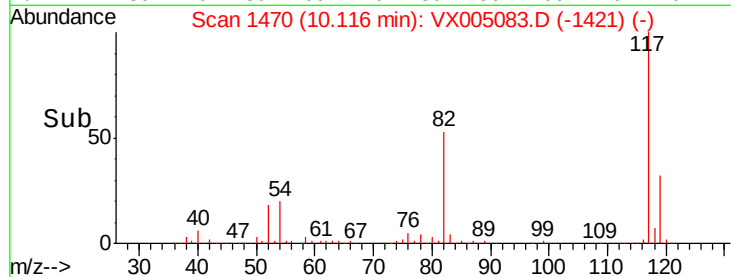
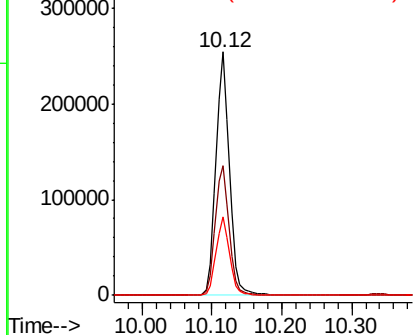
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005083.D
Acq: 05 Oct 2018 22:52

Instrument :
MSVOA_X
ClientSampleId :
SA-TW511-3135

Tot Ion:117 Resp: 342578
Ion Ratio Lower Upper
117 100
82 53.4 42.2 63.4
119 32.2 27.4 41.0

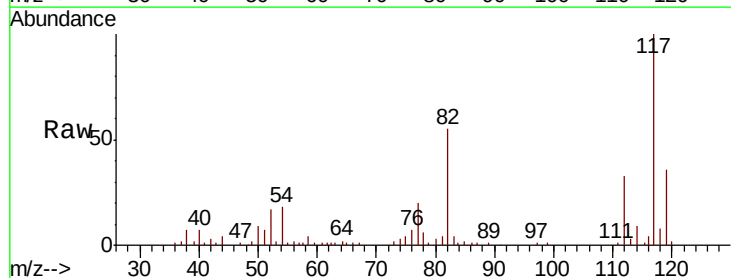


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

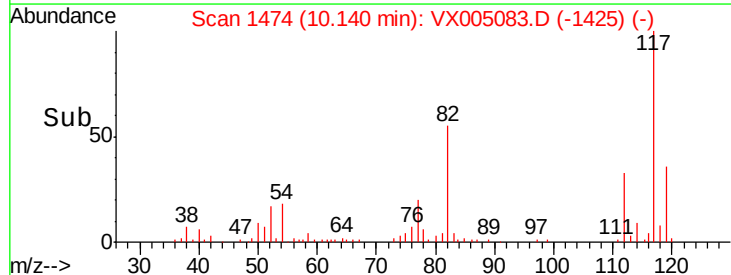
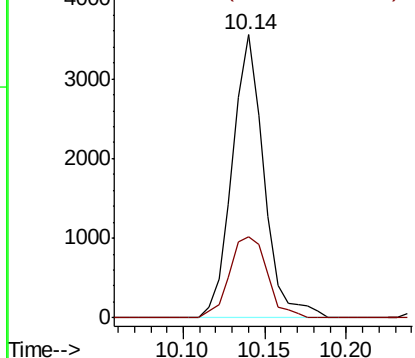


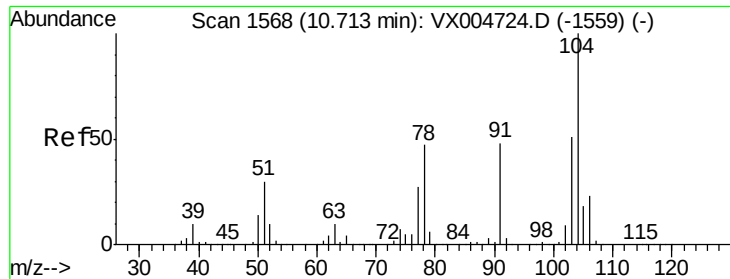
#65
Chlorobenzene
Concen: 0.547 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX005083.D
Acq: 05 Oct 2018 22:52

Tgt Ion:112 Resp: 4808
Ion Ratio Lower Upper
112 100
114 28.8 26.7 40.1



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V





#70

Stvrene

Concen: 2.149 ug/l

RT: 10.72 min Scan# 1569

Delta R.T. 0.01 min

Lab File: VX005083.D

Acq: 05 Oct 2018 22:52

Instrument :

MSVOA_X

ClientSampleId :

SA-TW511-3135

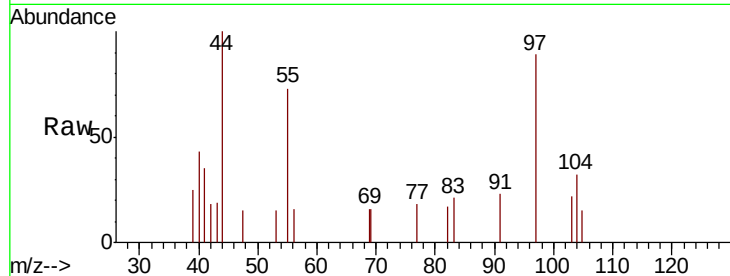
Tot Ion:104 Resp: 87

Ion Ratio Lower Upper

104 100

78 97.7 40.0 60.0#

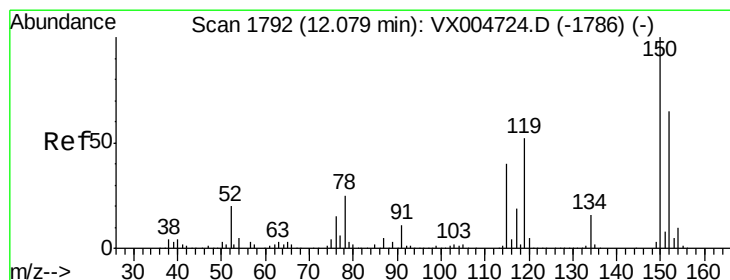
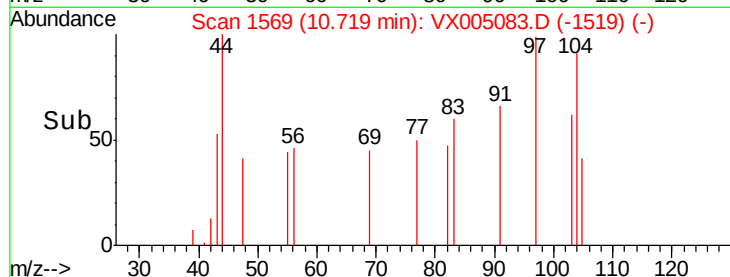
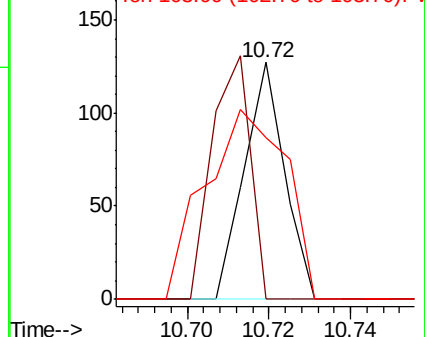
103 162.1 44.3 66.5#



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: VX005083.D

Acq: 05 Oct 2018 22:52

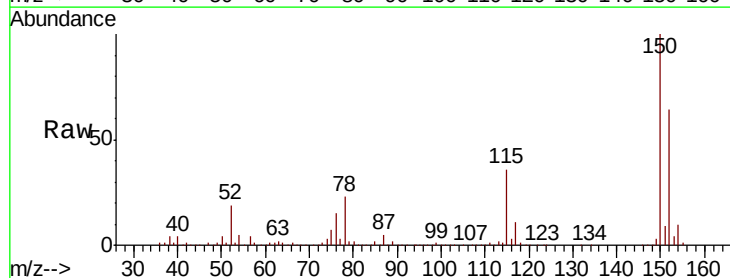
Tgt Ion:152 Resp: 200897

Ion Ratio Lower Upper

152 100

115 55.6 40.2 120.6

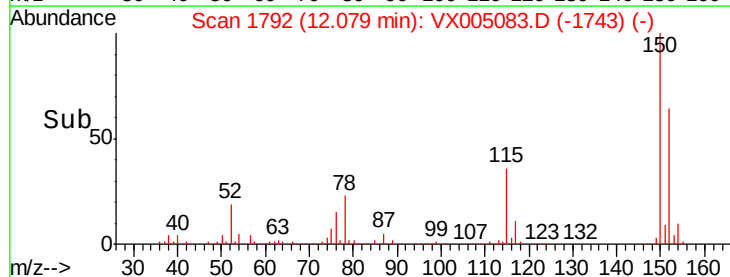
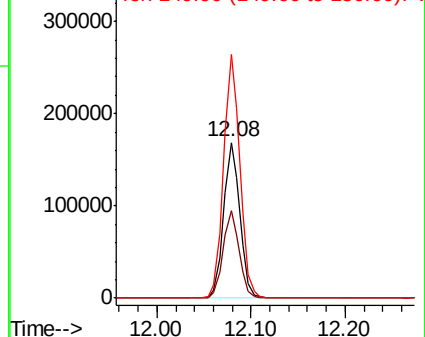
150 157.4 0.0 351.0

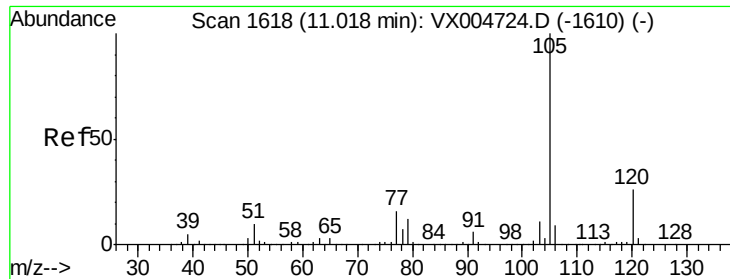


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 1.520 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005083.D

Acq: 05 Oct 2018 22:52

Instrument :

MSVOA_X

ClientSampleId :

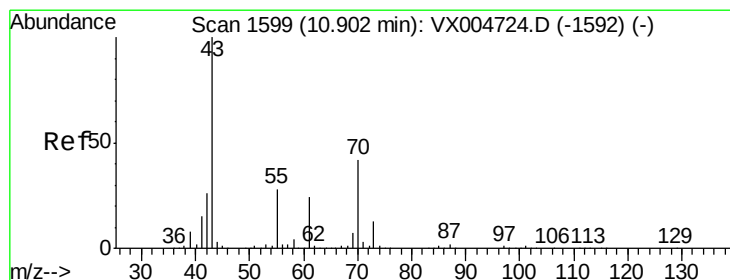
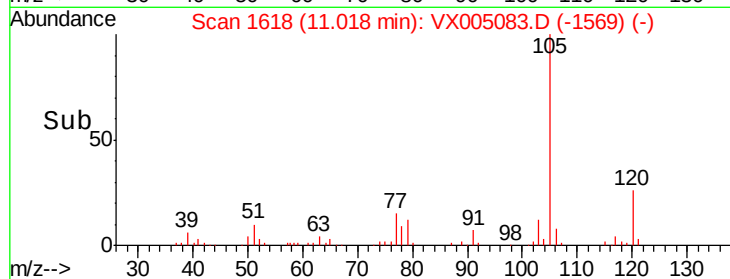
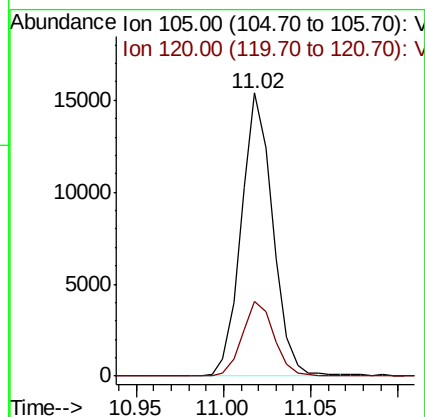
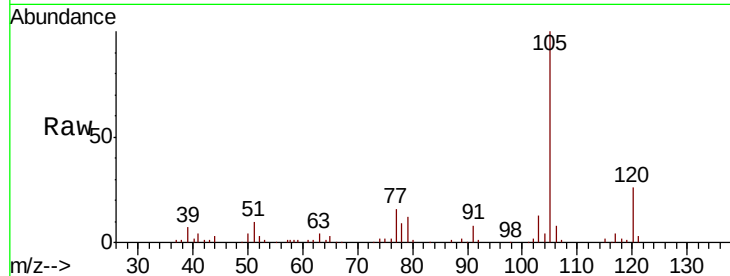
SA-TW511-3135

Tot Ion:105 Resp: 19248

Ion Ratio Lower Upper

105 100

120 26.4 13.2 39.5



#74

N-ethyl acetate

Concen: 1.925 ug/l

RT: 10.94 min Scan# 1605

Delta R.T. 0.04 min

Lab File: VX005083.D

Acq: 05 Oct 2018 22:52

Tgt Ion: 43 Resp: 1279

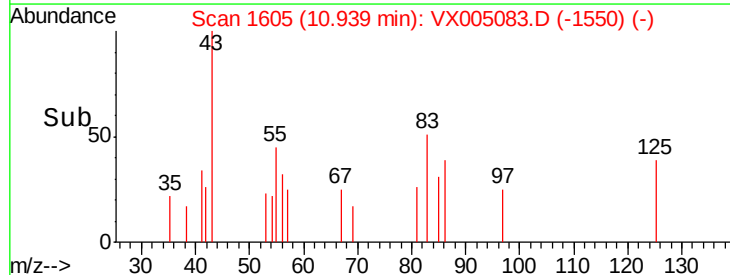
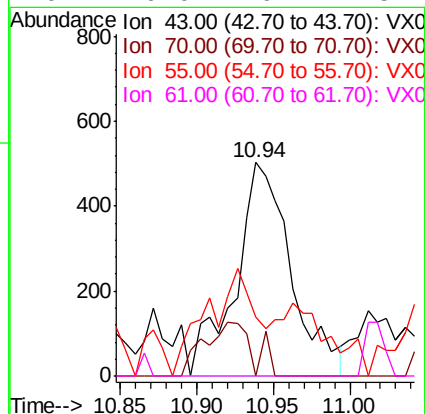
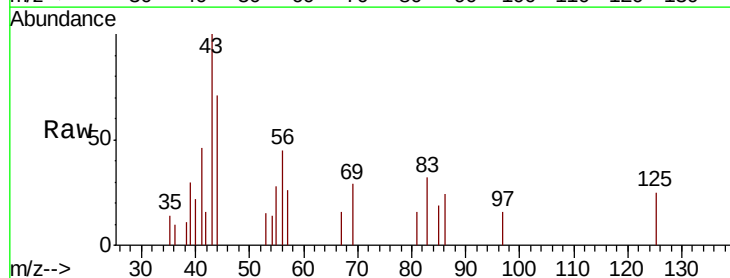
Ion Ratio Lower Upper

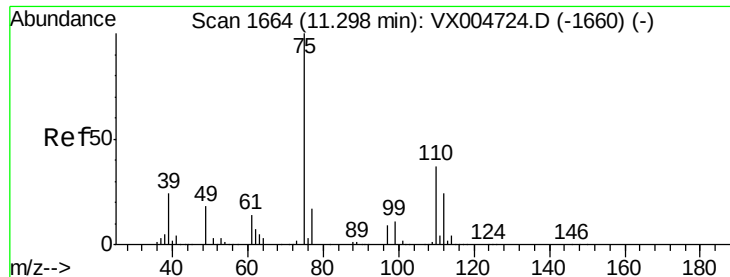
43 100

70 22.0 32.6 48.8#

55 43.3 21.6 32.4#

61 0.0 19.1 28.7#

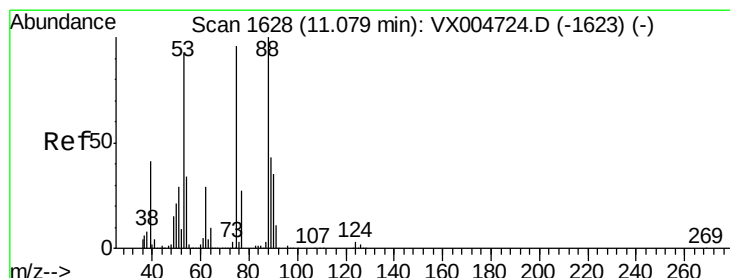
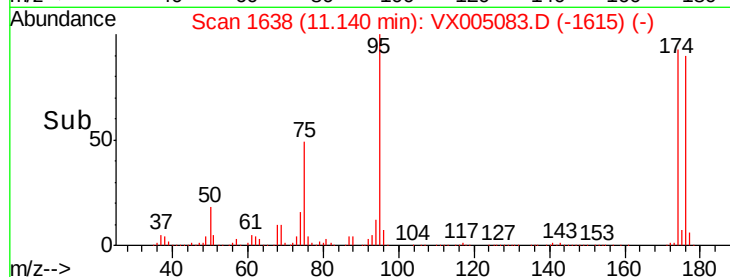
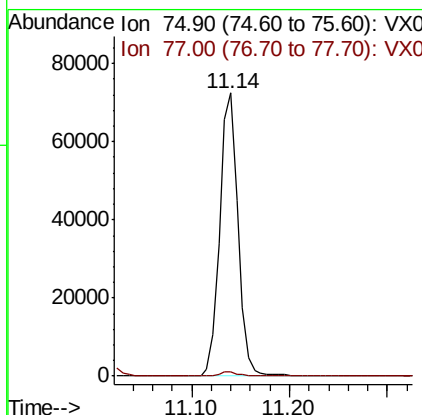
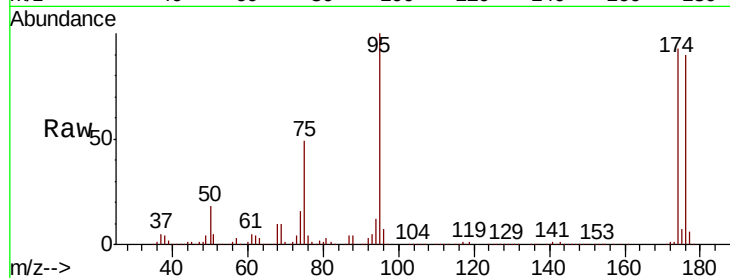




#76
 1,2,3-Trichloropropane
 Concen: 20.848 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. -0.16 min
 Lab File: VX005083.D
 Acq: 05 Oct 2018 22:52

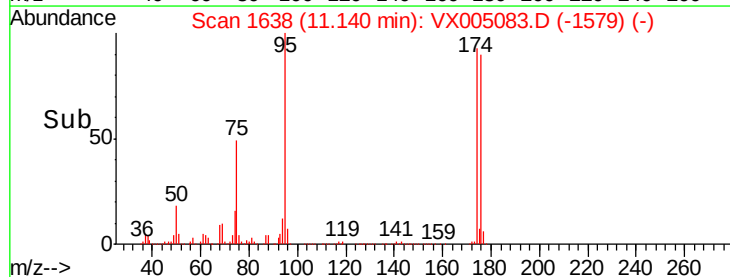
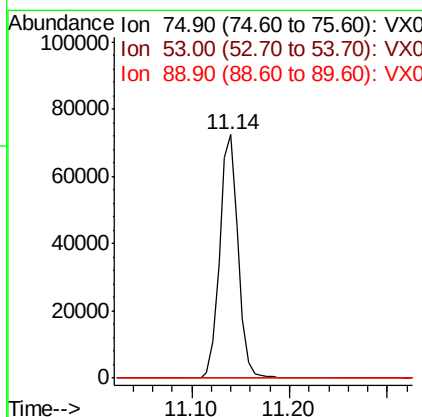
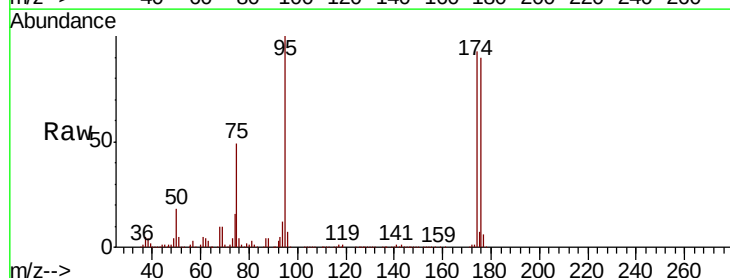
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW511-3135

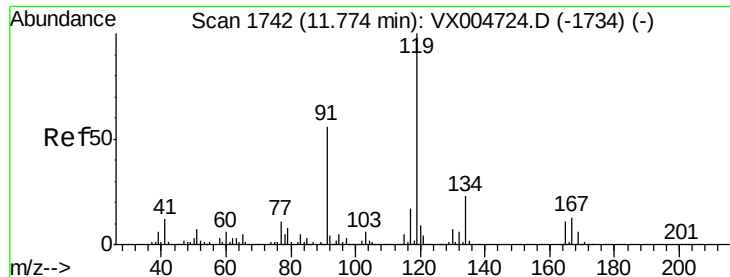
Tot Ion: 75 Resp: 93876
 Ion Ratio Lower Upper
 75 100
 77 1.5 21.4 64.3#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 56.588 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. 0.06 min
 Lab File: VX005083.D
 Acq: 05 Oct 2018 22:52

Tgt Ion: 75 Resp: 93876
 Ion Ratio Lower Upper
 75 100
 53 0.4 80.2 120.4#
 89 0.1 37.1 55.7#

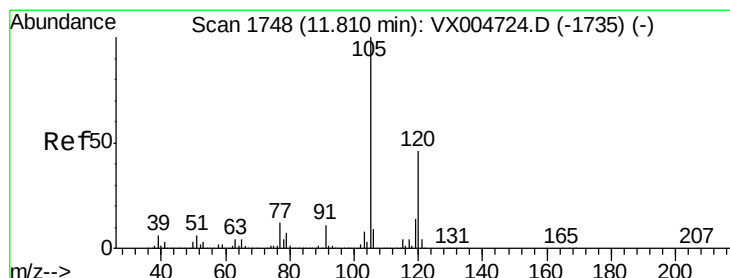
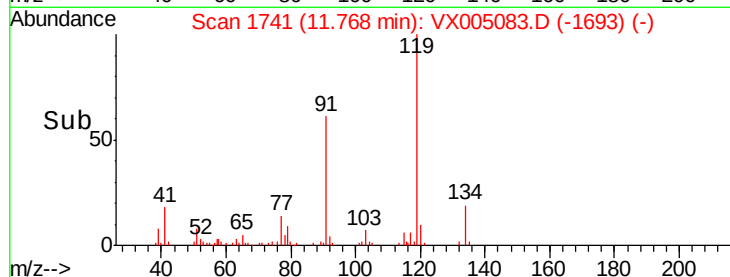
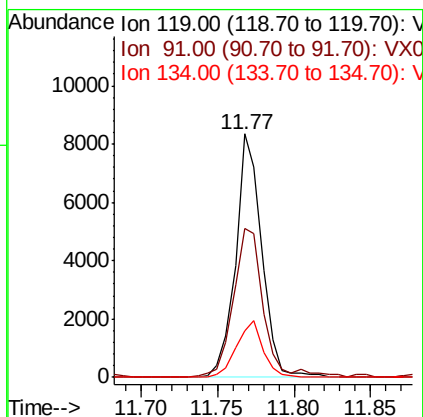
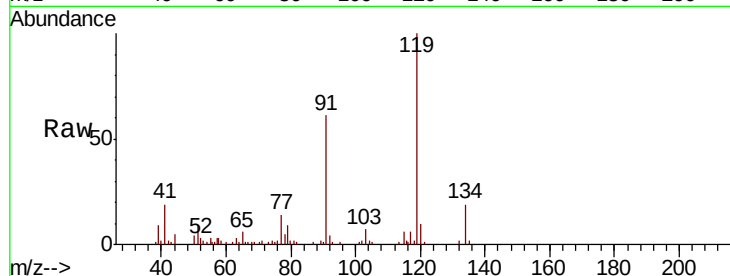




#83
 tert-Butylbenzene
 Concen: 0.949 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.01 min
 Lab File: VX005083.D
 Acq: 05 Oct 2018 22:52

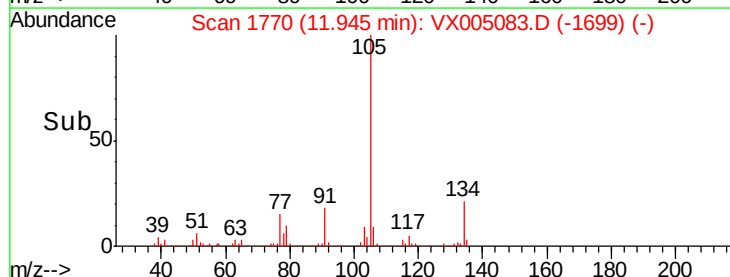
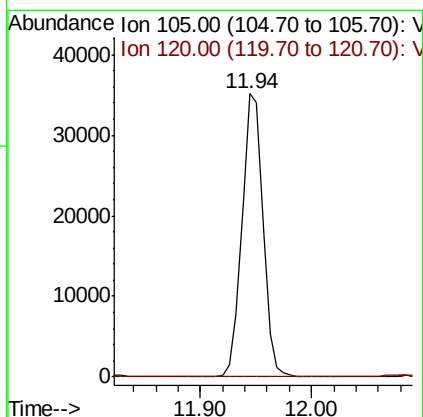
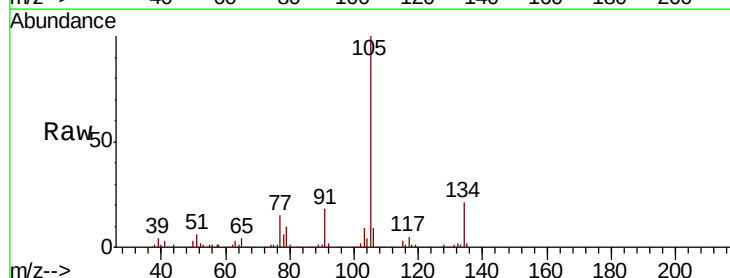
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW511-3135

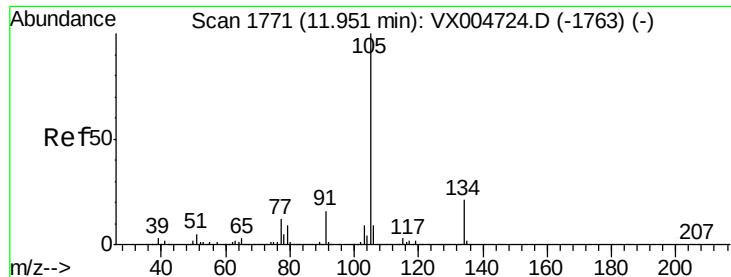
Tot Ion:119 Resp: 9892
 Ion Ratio Lower Upper
 119 100
 91 70.3 27.5 82.5
 134 23.3 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 3.669 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.13 min
 Lab File: VX005083.D
 Acq: 05 Oct 2018 22:52

Tgt Ion:105 Resp: 46110
 Ion Ratio Lower Upper
 105 100
 120 0.1 22.8 68.3#





#85

sec-Butylbenzene

Concen: 3.631 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX005083.D

Acq: 05 Oct 2018 22:52

Instrument :

MSVOA_X

ClientSampleId :

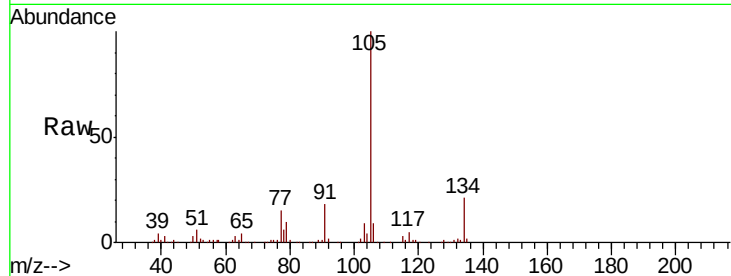
SA-TW511-3135

Tot Ion:105 Resp: 46110

Ion Ratio Lower Upper

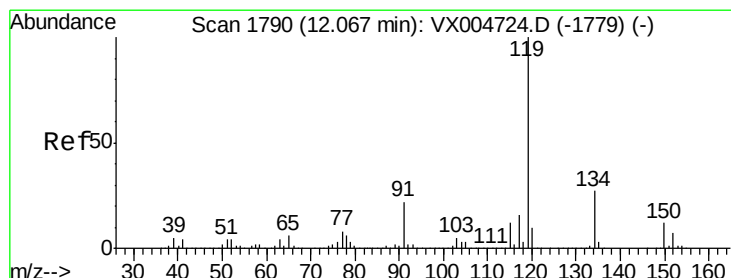
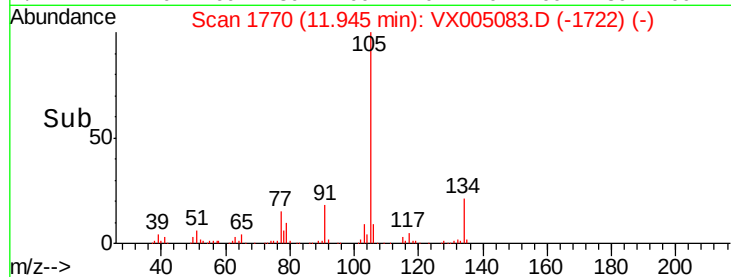
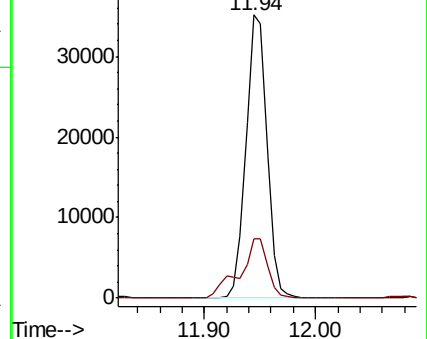
105 100

134 27.8 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.255 ug/l

RT: 12.23 min Scan# 1817

Delta R.T. 0.16 min

Lab File: VX005083.D

Acq: 05 Oct 2018 22:52

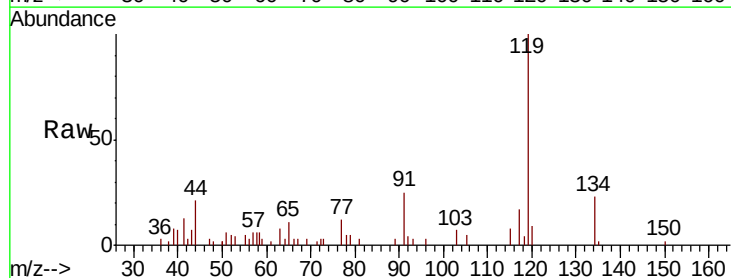
Tgt Ion:119 Resp: 2930

Ion Ratio Lower Upper

119 100

134 29.4 13.4 40.1

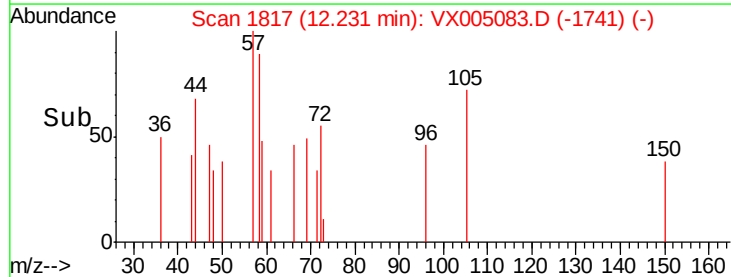
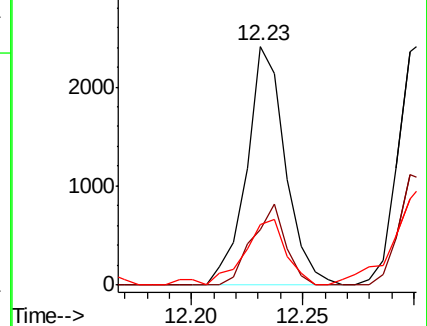
91 30.3 11.5 34.4

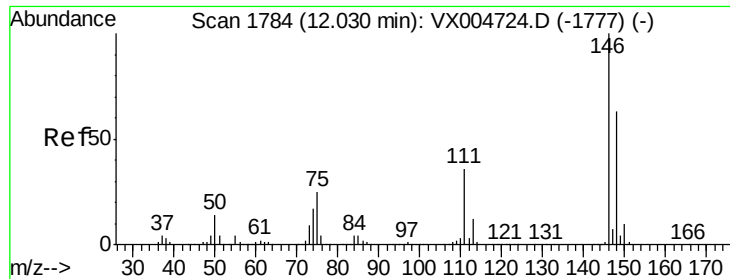


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

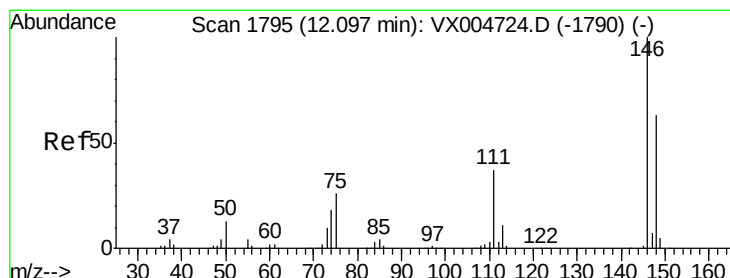
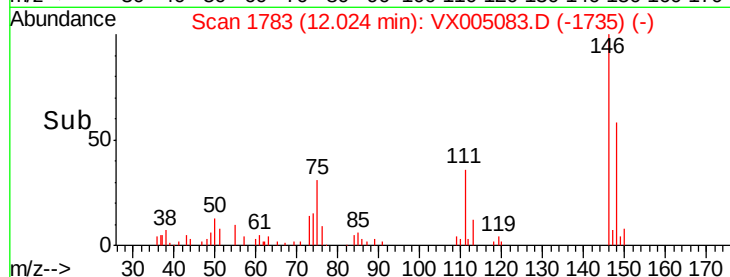
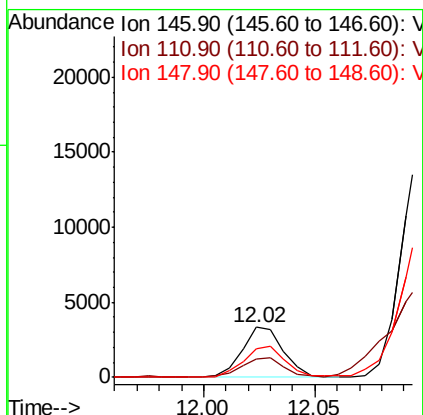
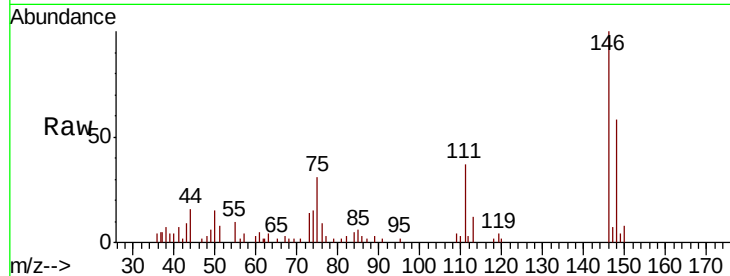




#87
 1,3-Dichlorobenzene
 Concen: 0.628 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: VX005083.D
 Acq: 05 Oct 2018 22:52

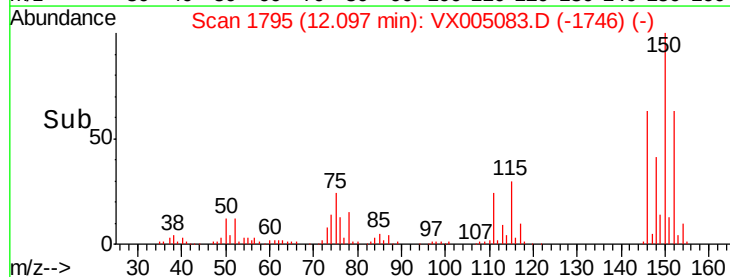
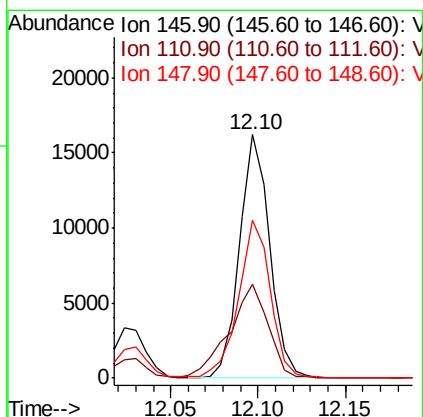
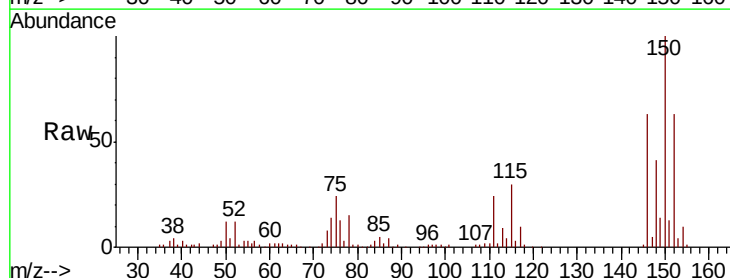
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW511-3135

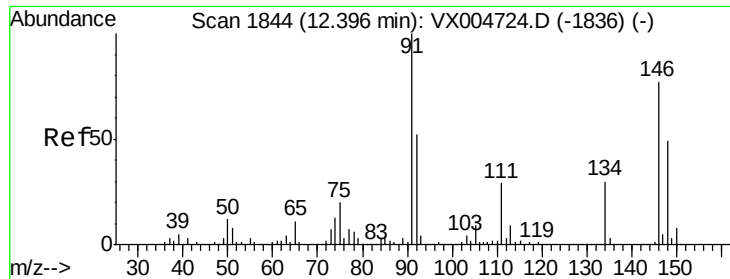
Tot Ion:146 Resp: 4314
 Ion Ratio Lower Upper
 146 100
 111 41.3 18.9 56.9
 148 63.1 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 2.753 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005083.D
 Acq: 05 Oct 2018 22:52

Tgt Ion:146 Resp: 19515
 Ion Ratio Lower Upper
 146 100
 111 49.9 18.4 55.2
 148 69.2 32.0 96.0

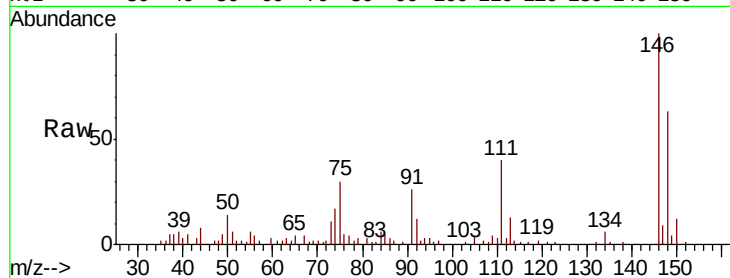




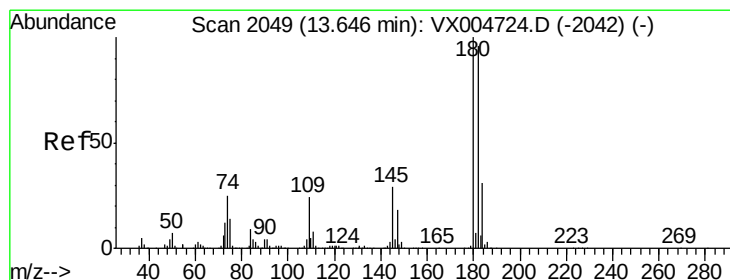
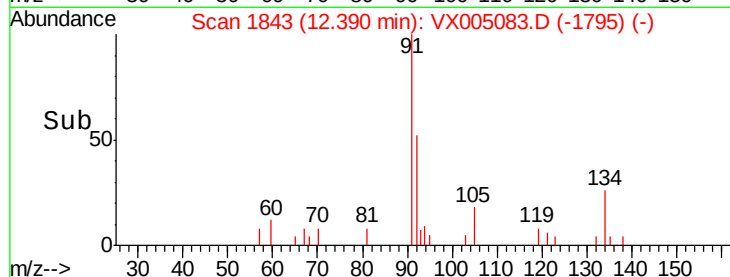
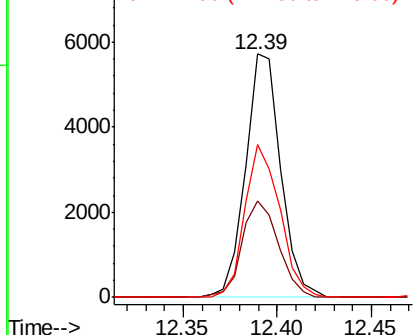
#91
 1,2-Dichlorobenzene
 Concen: 1.035 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: VX005083.D
 Acq: 05 Oct 2018 22:52

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW511-3135

Tot Ion:146 Resp: 7426
 Ion Ratio Lower Upper
 146 100
 111 40.7 19.6 58.7
 148 62.5 31.8 95.4

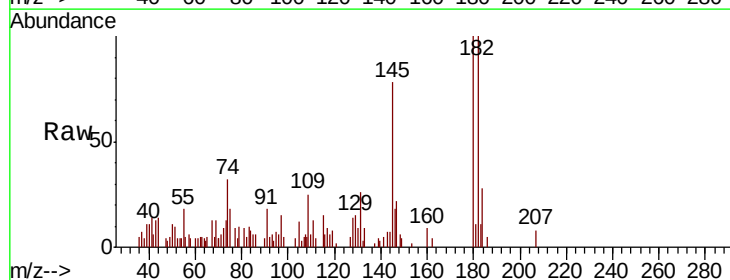


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

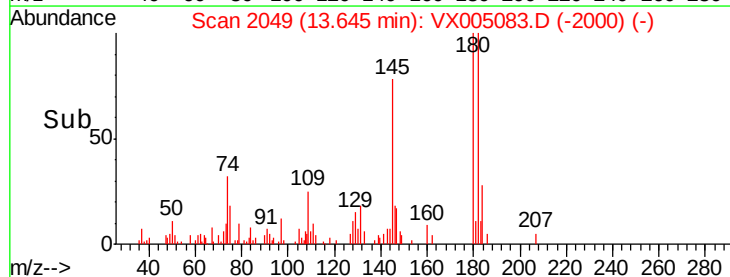
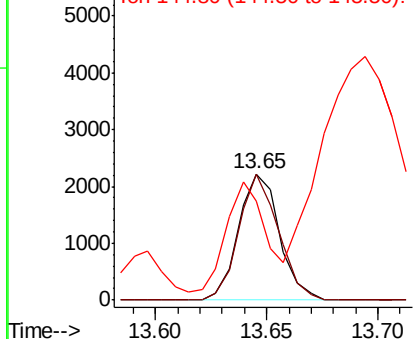


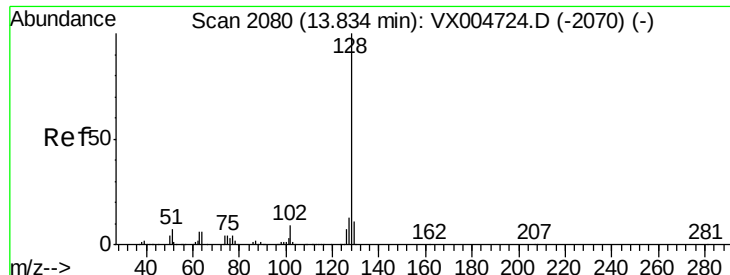
#93
 1,2,4-Trichlorobenzene
 Concen: 0.565 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005083.D
 Acq: 05 Oct 2018 22:52

Tgt Ion:180 Resp: 2844
 Ion Ratio Lower Upper
 180 100
 182 96.6 47.8 143.4
 145 94.2 14.1 42.4#



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

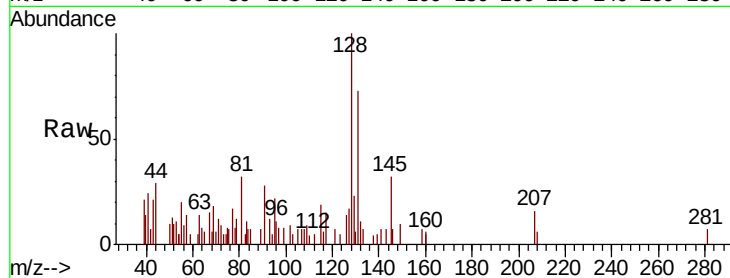




#95
Naphthalene
Concen: 0.805 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX005083.D
Acq: 05 Oct 2018 22:52

Instrument :
MSVOA_X
ClientSampleId :
SA-TW511-3135

Tot Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.4	15.6#
129	0.0	8.7	13.1#



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

