

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101118\
 Data File : VX005274.D
 Acq On : 12 Oct 2018 00:28
 Operator : JC/MD
 Sample : J5369-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 12 07:13:48 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	187591	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	276207	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	267882	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	148783	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	143924	53.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.42%	
35) Dibromofluoromethane	5.49	113	122631	52.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.78%	
50) Toluene-d8	8.72	98	383870	49.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.66%	
62) 4-Bromofluorobenzene	11.14	95	135796	48.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.88%	
Target Compounds						
					Qvalue	
6) Chloroethane	1.71	64	855	Below Cal	#	62
11) Tert butyl alcohol	3.07	59	442	0.590	ug/l #	86
13) Acrolein	2.30	56	155	0.291	ug/l #	52
16) Acetone	2.45	43	19633	12.549	ug/l	96
18) Methyl Acetate	2.78	43	5961	1.504	ug/l	98
20) Methylene Chloride	2.86	84	34336	14.499	ug/l #	86
25) 2-Butanone	4.71	43	4243	1.840	ug/l #	87
29) Tetrahydrofuran	5.16	42	1023	0.714	ug/l #	79
30) Chloroform	5.21	83	3267	0.776	ug/l	87
31) Cyclohexane	5.67	56	3441	1.009	ug/l #	16
36) 1,1-Dichloropropene	5.66	75	12546	3.928	ug/l #	46
38) Carbon Tetrachloride	5.67	117	16266	4.845	ug/l #	18
43) Isopropyl Acetate	6.46	43	142121	23.226	ug/l	96
44) Trichloroethene	7.22	130	28758	11.700	ug/l	90
47) Bromodichloromethane	7.90	83	888	0.308	ug/l #	81
48) Methyl methacrylate	7.88	41	13131	4.728	ug/l #	44
51) 4-Methyl-2-Pentanone	8.62	43	2428	0.630	ug/l #	37
52) Toluene	8.79	92	2916	0.531	ug/l	95
54) cis-1,3-Dichloropropene	8.62	75	909	0.266	ug/l #	74
56) Ethyl methacrylate	9.03	69	136	2.895	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.37	63	22	14.252	ug/l #	49
59) 2-Hexanone	9.55	43	8506	2.649	ug/l #	56
67) Ethyl Benzene	10.25	91	3846	0.353	ug/l	90
68) m/p-Xylenes	10.36	106	4663	1.094	ug/l	97
69) o-Xylene	10.70	106	1602	0.409	ug/l	94
70) Styrene	10.72	104	738	2.237	ug/l #	70
74) N-amyl acetate	10.91	43	110	1.768	ug/l #	52
76) 1,2,3-Trichloropropane	11.14	75	68053	20.407	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.14	75	68053	55.433	ug/l #	10
84) 1,2,4-Trimethylbenzene	11.81	105	7535	0.655	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.02	75	207	0.247	ug/l #	1
95) Naphthalene	13.83	128	387708	31.597	ug/l	100

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QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration

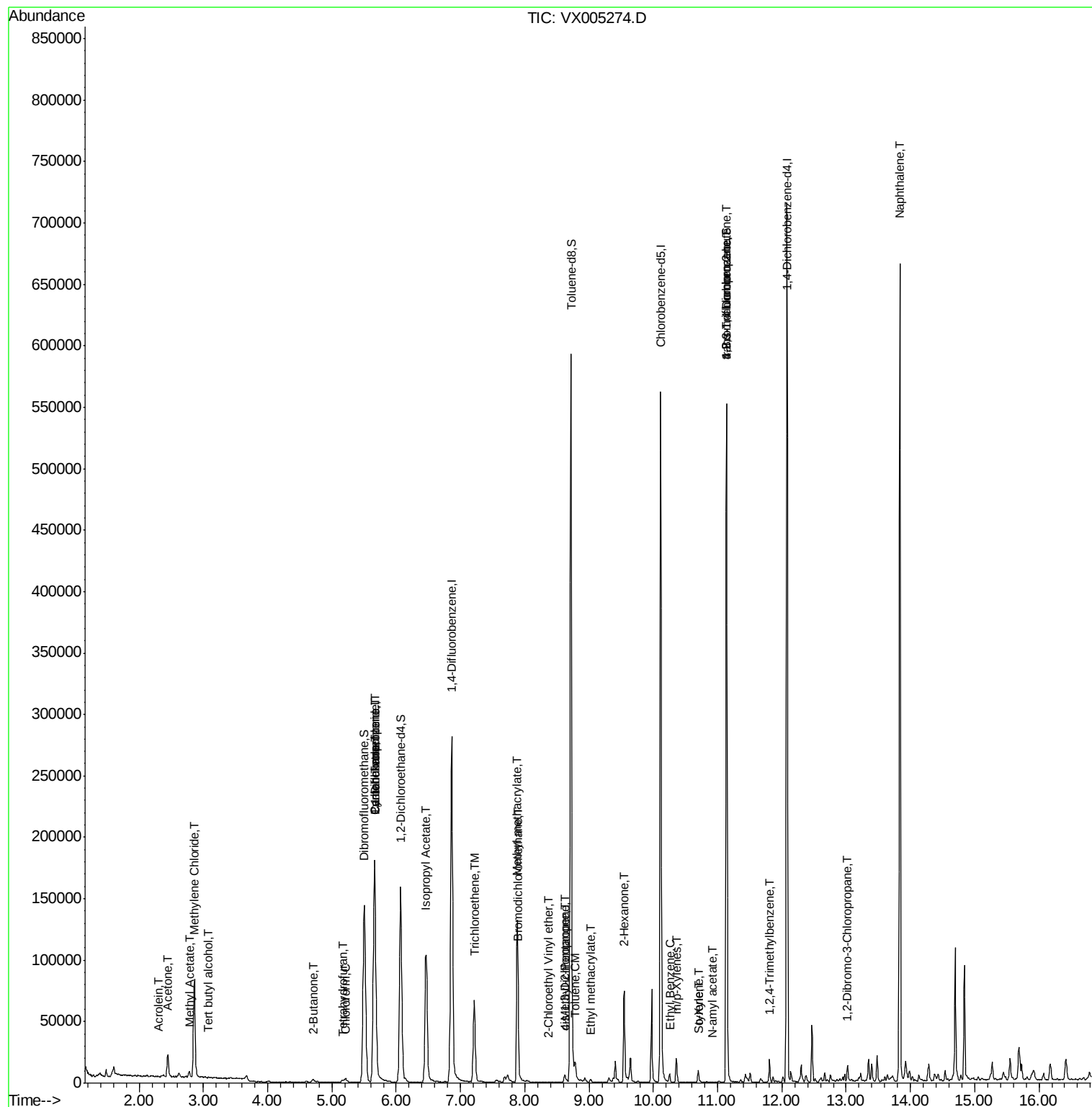
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

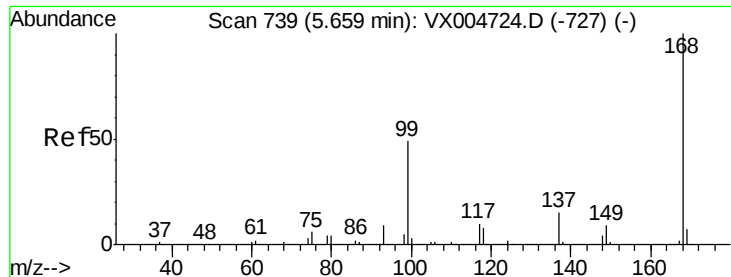
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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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: VX005274.D

Acq: 12 Oct 2018 00:28

Instrument :

MSVOA_X

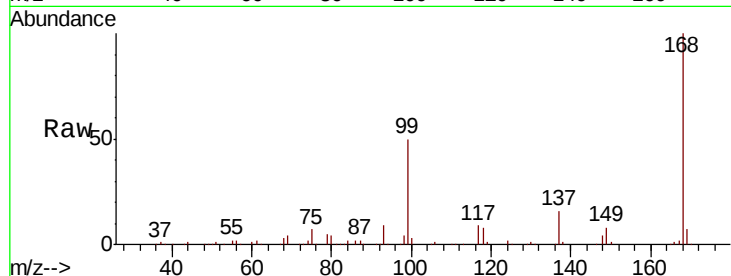
ClientSampleId :

Tot Ion:168 Resp: 187591

Ion Ratio Lower Upper

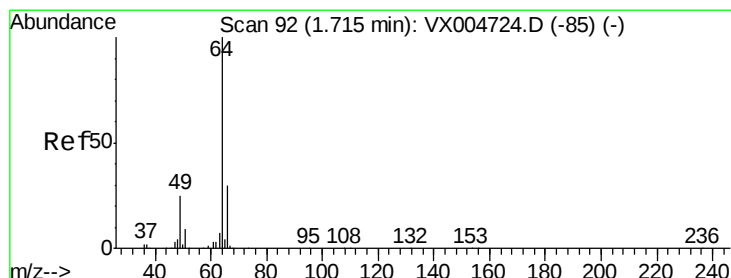
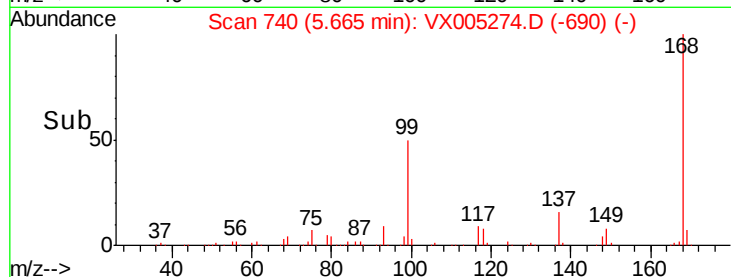
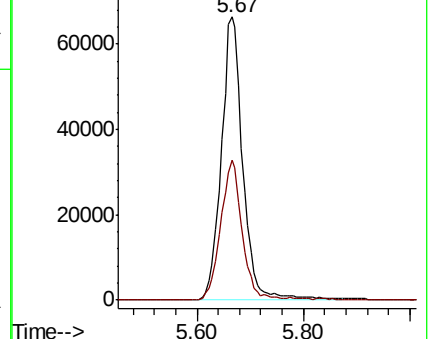
168 100

99 49.6 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#6

Chloroethane

Concen: Below Cal

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX005274.D

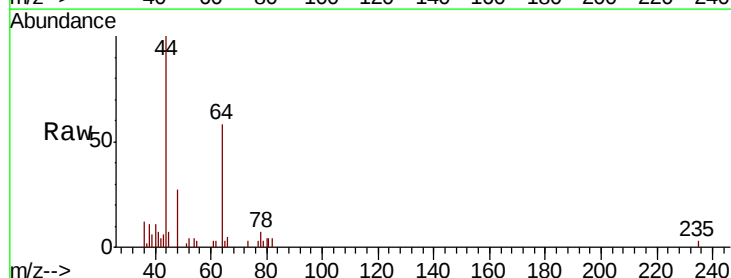
Acq: 12 Oct 2018 00:28

Tgt Ion: 64 Resp: 855

Ion Ratio Lower Upper

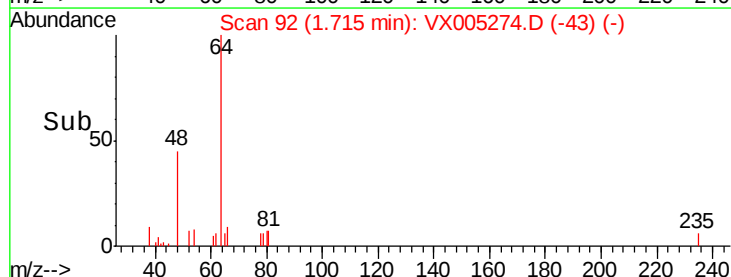
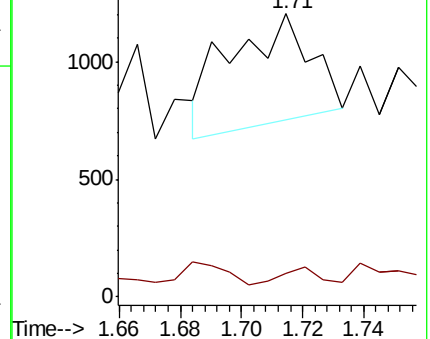
64 100

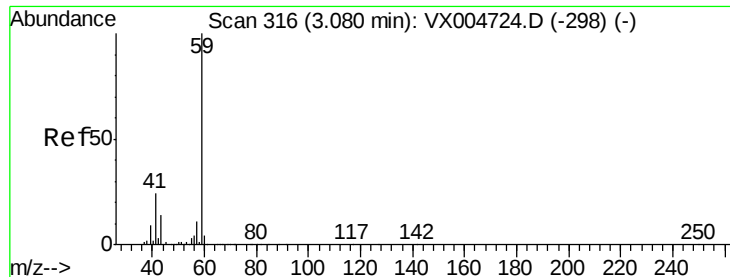
66 9.0 23.8 35.6#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



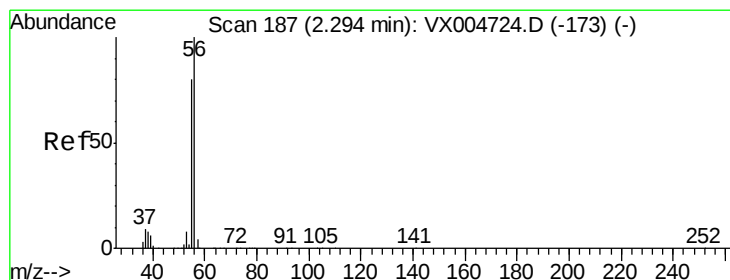
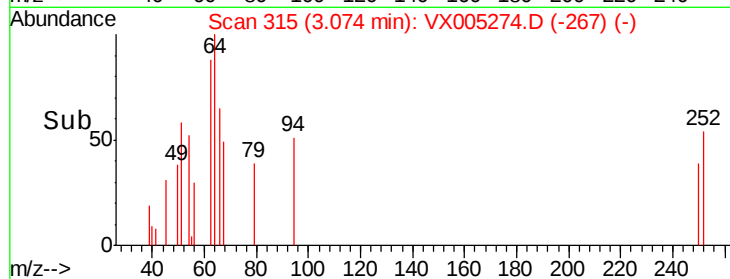
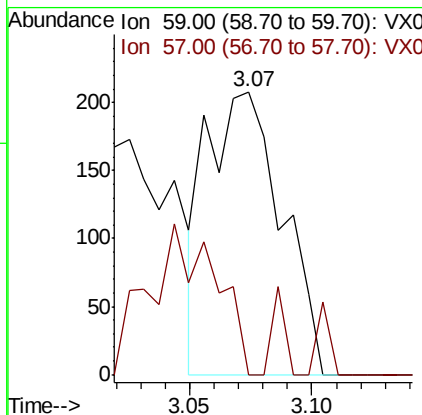
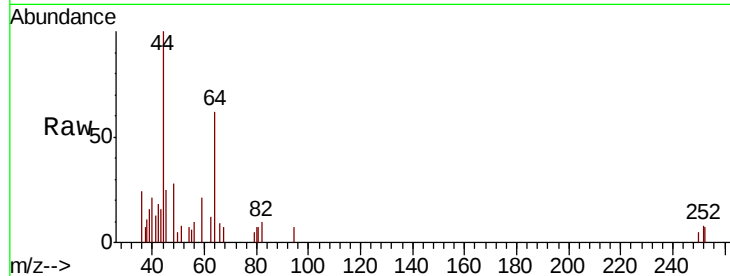


#11

Tert butyl alcohol
Concen: 0.590 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX005274.D
Acq: 12 Oct 2018 00:28

Instrument :
MSVOA_X
ClientSampled :

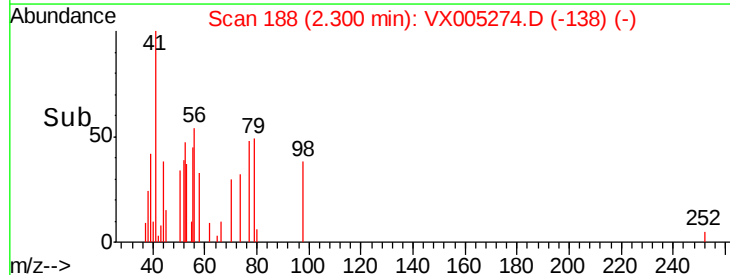
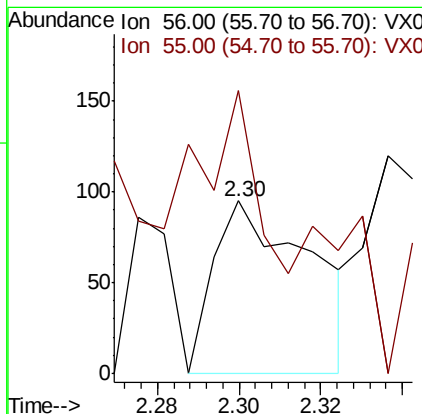
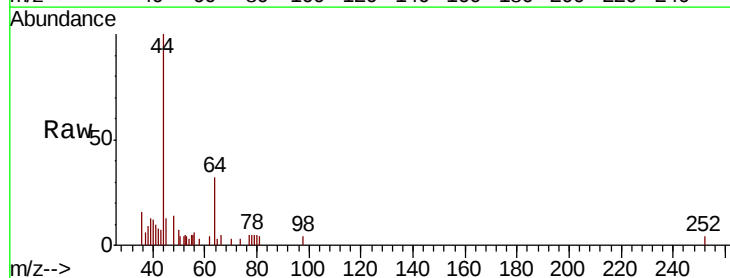
Tot Ion: 59 Resp: 442
Ion Ratio Lower Upper
59 100
57 5.4 8.6 12.8#

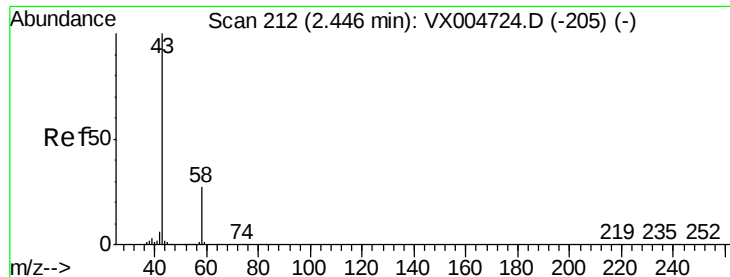


#13

Acrolein
Concen: 0.291 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.01 min
Lab File: VX005274.D
Acq: 12 Oct 2018 00:28

Tgt Ion: 56 Resp: 155
Ion Ratio Lower Upper
56 100
55 121.3 63.4 95.2#





#16

Acetone

Concen: 12.549 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX005274.D

Acq: 12 Oct 2018 00:28

Instrument :

MSVOA_X

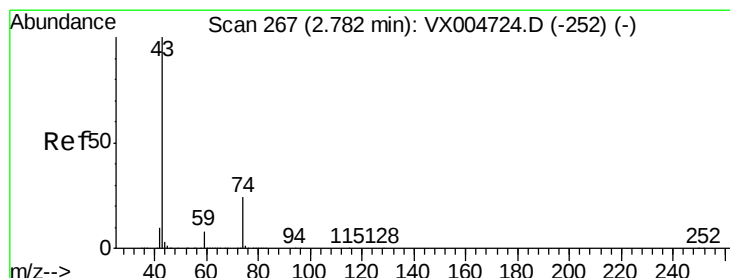
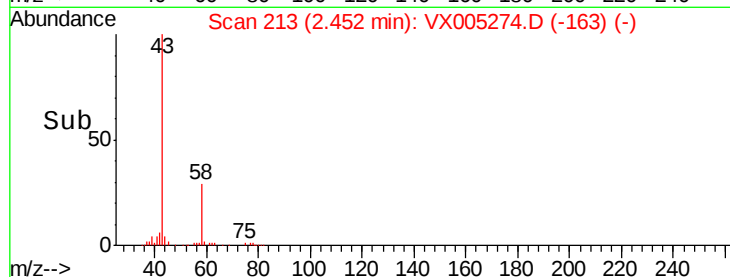
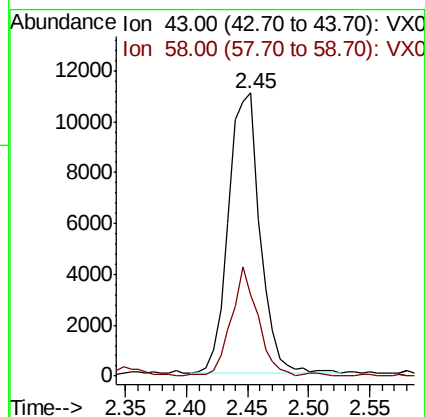
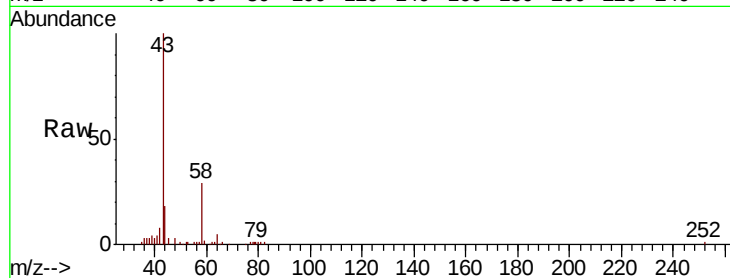
ClientSampleId :

Tot Ion: 43 Resp: 19633

Ion Ratio Lower Upper

43 100

58 29.1 21.8 32.6



#18

Methyl Acetate

Concen: 1.504 ug/l

RT: 2.78 min Scan# 267

Delta R.T. -0.00 min

Lab File: VX005274.D

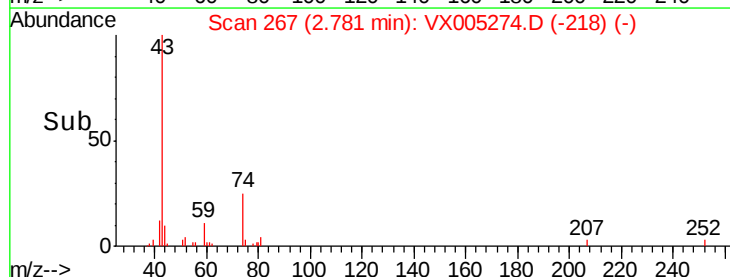
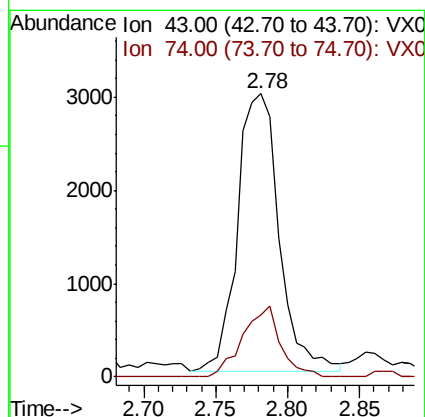
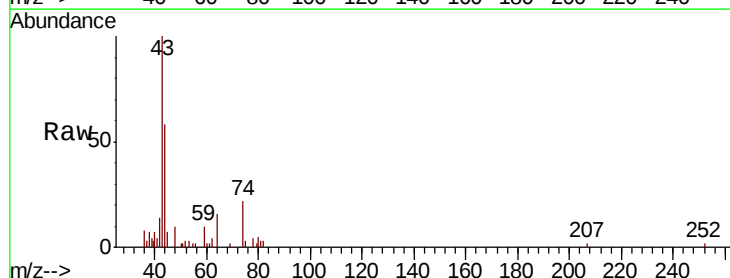
Acq: 12 Oct 2018 00:28

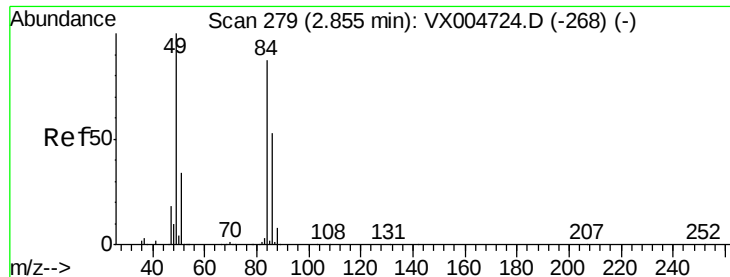
Tgt Ion: 43 Resp: 5961

Ion Ratio Lower Upper

43 100

74 23.2 17.8 26.8

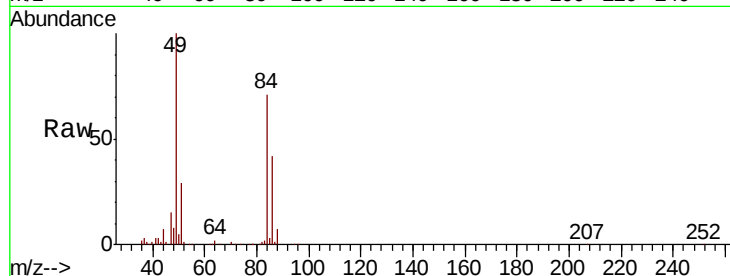




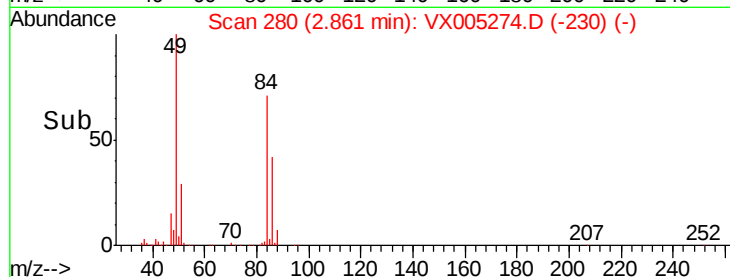
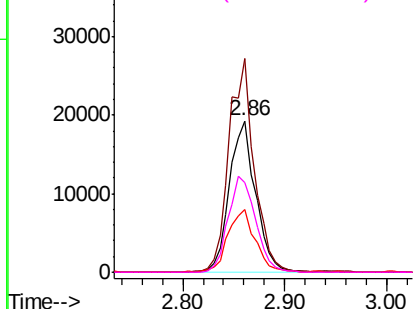
#20
Methvlene Chloride
Concen: 14.499 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX005274.D
Acq: 12 Oct 2018 00:28

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 84 Resp: 34336
Ion Ratio Lower Upper
84 100
49 141.4 92.3 138.5#
51 40.8 31.8 47.6
86 59.3 48.5 72.7

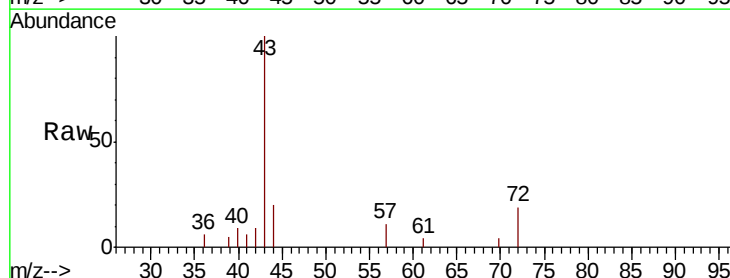
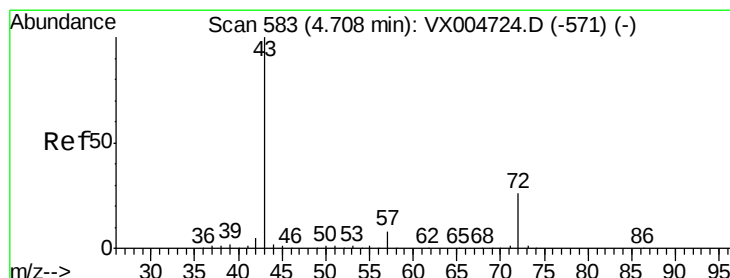


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

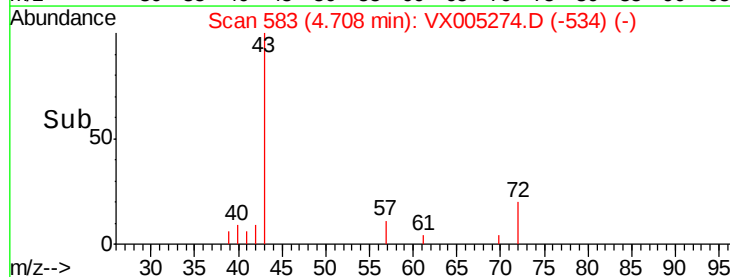
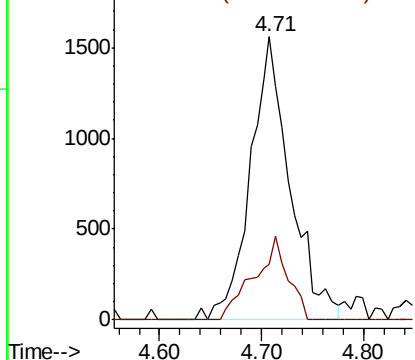


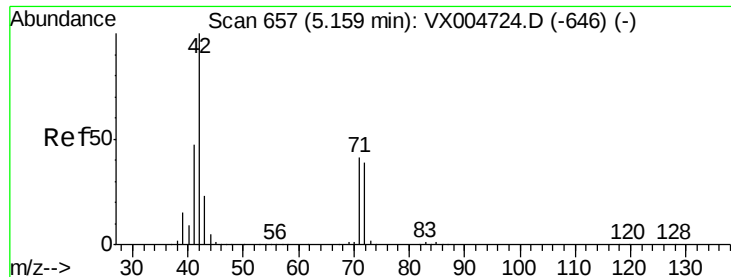
#25
2-Butanone
Concen: 1.840 ug/l
RT: 4.71 min Scan# 583
Delta R.T. -0.00 min
Lab File: VX005274.D
Acq: 12 Oct 2018 00:28

Tgt Ion: 43 Resp: 4243
Ion Ratio Lower Upper
43 100
72 19.4 20.8 31.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 72.00 (71.70 to 72.70): VX0





#29

Tetrahydrofuran

Concen: 0.714 ug/l

RT: 5.16 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX005274.D

Acq: 12 Oct 2018 00:28

Instrument :

MSVOA_X

ClientSampled :

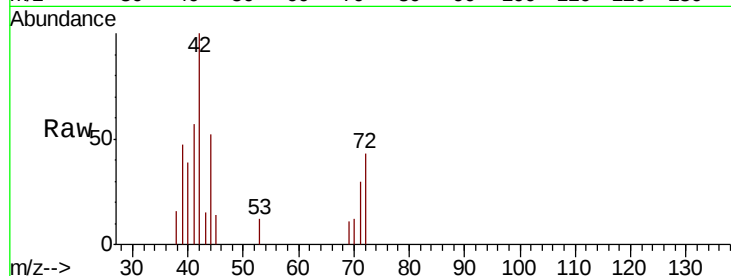
Tot Ion: 42 Resp: 1023

Ion Ratio Lower Upper

42 100

72 65.9 33.7 50.5#

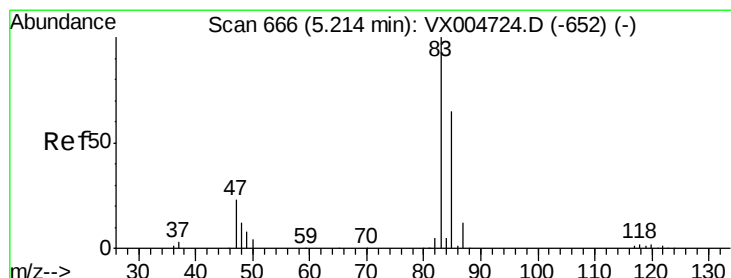
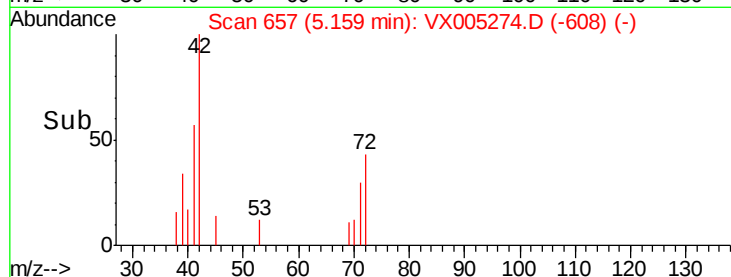
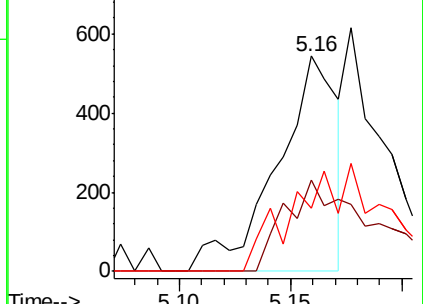
71 38.3 32.2 48.4



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



#30

Chloroform

Concen: 0.776 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.01 min

Lab File: VX005274.D

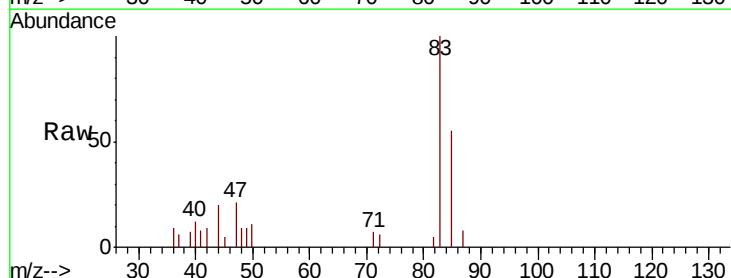
Acq: 12 Oct 2018 00:28

Tgt Ion: 83 Resp: 3267

Ion Ratio Lower Upper

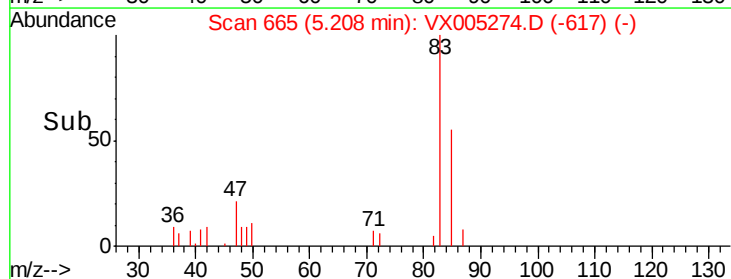
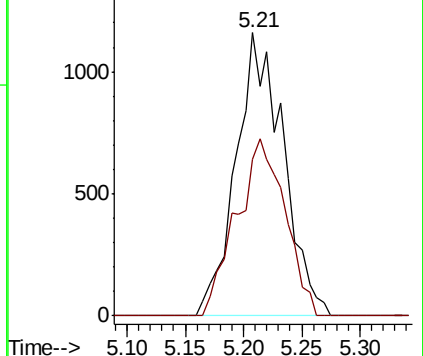
83 100

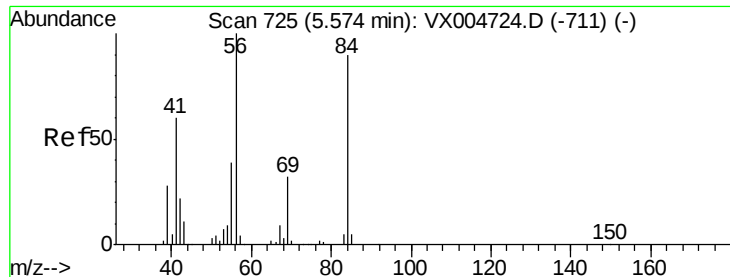
85 55.3 52.4 78.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

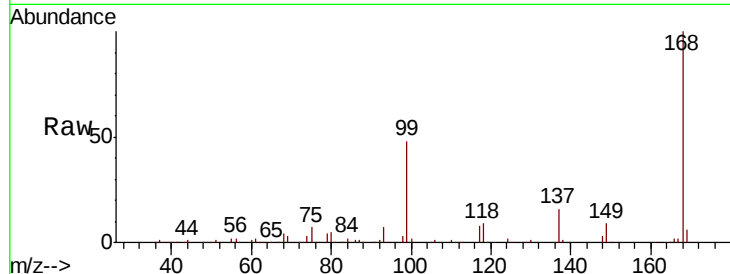




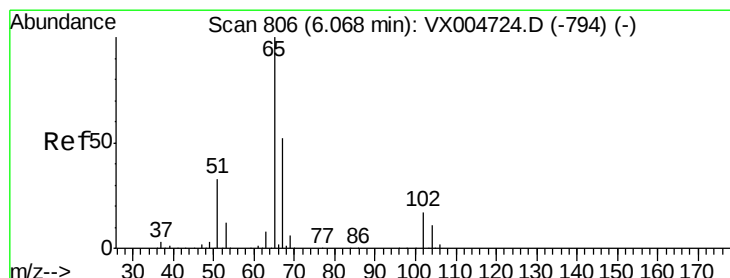
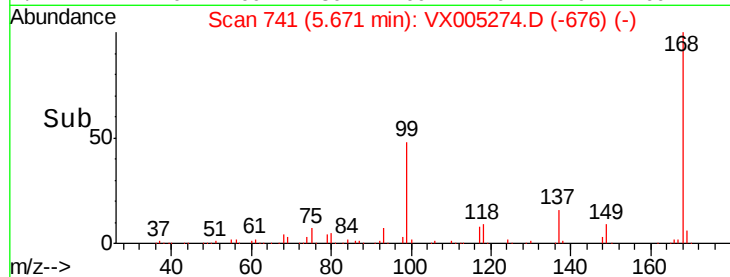
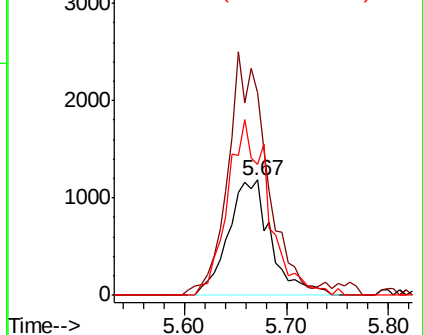
#31
Cyclohexane
Concen: 1.009 ug/l
RT: 5.67 min Scan# 741
Delta R.T. 0.10 min
Lab File: VX005274.D
Acq: 12 Oct 2018 00:28

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 3441
Ion Ratio Lower Upper
56 100
69 170.7 25.9 38.9#
84 113.9 71.9 107.9#

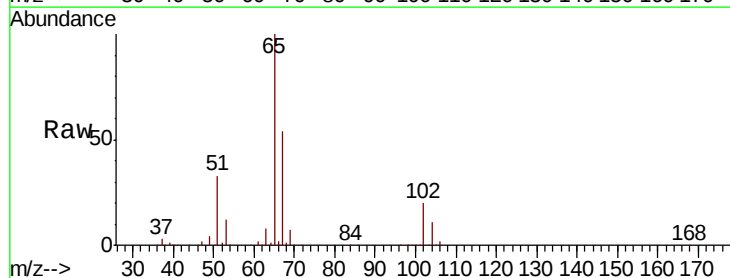


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

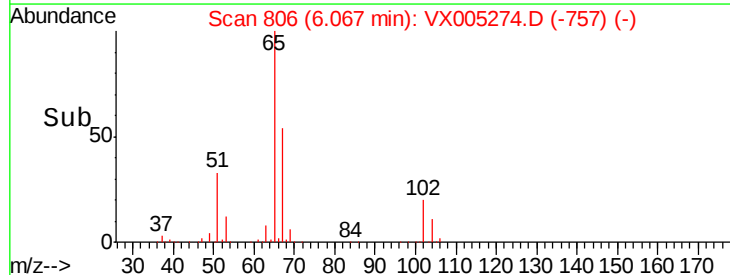
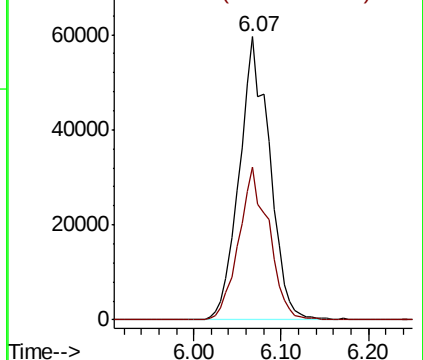


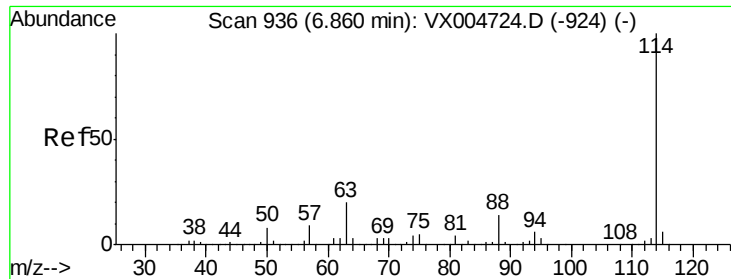
#33
1,2-Dichloroethane-d4
Concen: 53.708 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX005274.D
Acq: 12 Oct 2018 00:28

Tgt Ion: 65 Resp: 143924
Ion Ratio Lower Upper
65 100
67 53.5 0.0 107.4



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

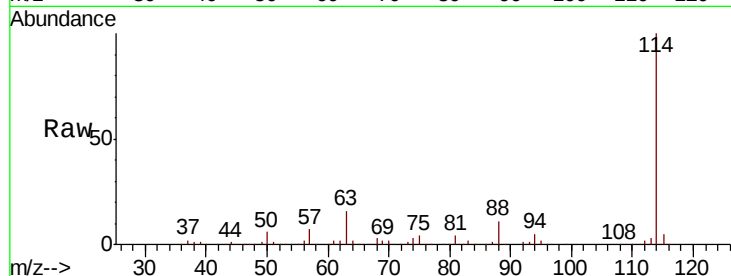




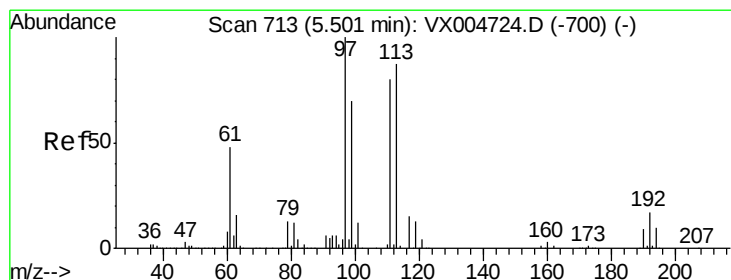
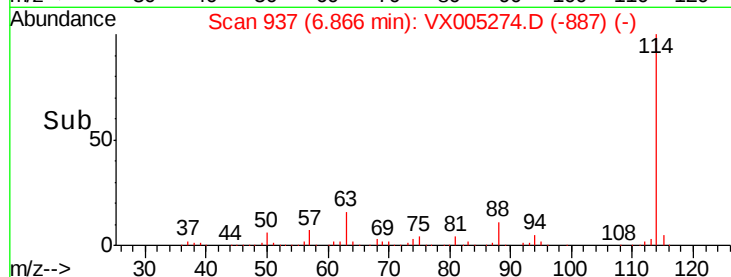
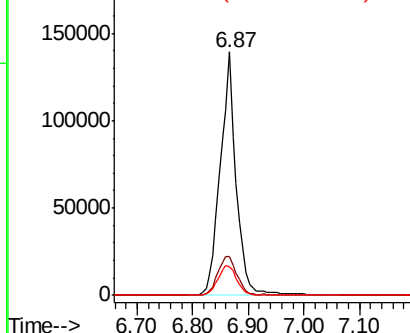
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.87 min Scan# 937
Delta R.T. 0.01 min
Lab File: VX005274.D
Acq: 12 Oct 2018 00:28

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	15.8	0.0	39.8
88	11.5	0.0	27.0

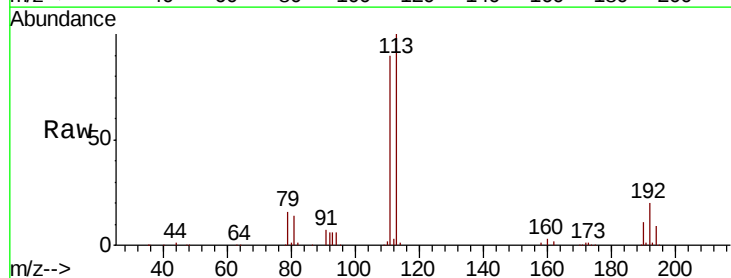


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

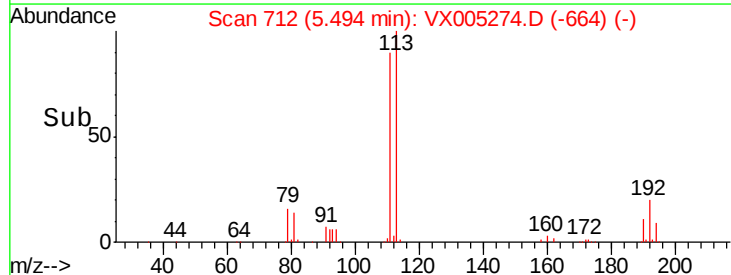
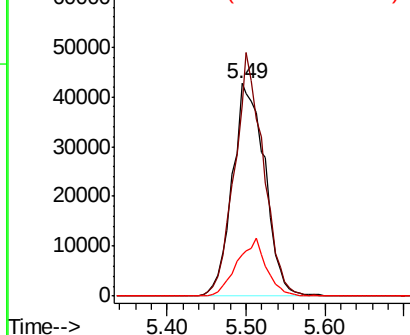


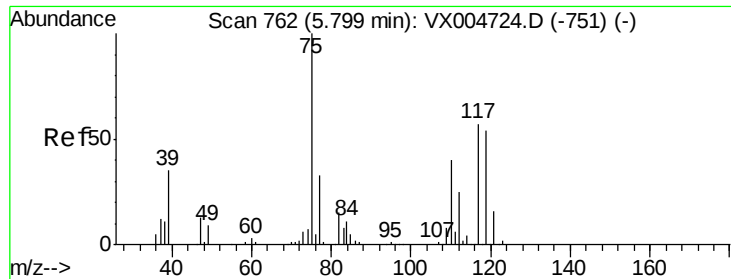
#35
Dibromofluoromethane
Concen: 52.386 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX005274.D
Acq: 12 Oct 2018 00:28

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.6	77.0	115.4
192	24.3	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: 3.928 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX005274.D

Acq: 12 Oct 2018 00:28

Instrument :

MSVOA_X

ClientSampleId :

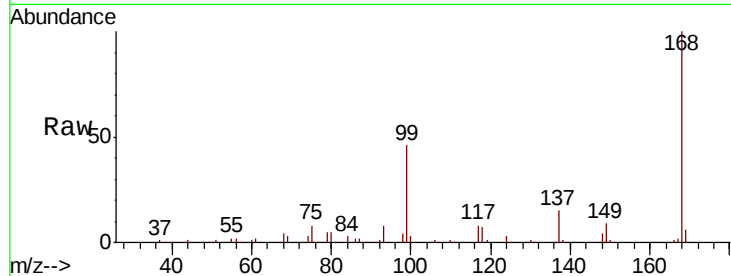
Tot Ion: 75 Resp: 12546

Ion Ratio Lower Upper

75 100

110 9.5 20.0 59.9#

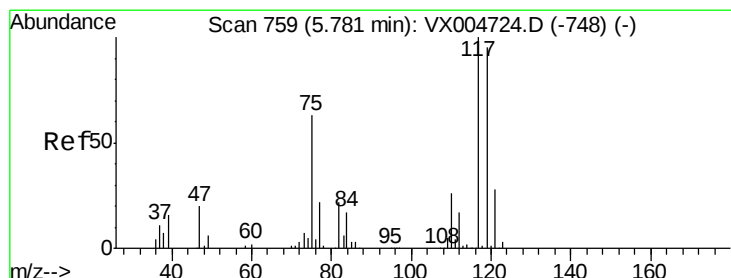
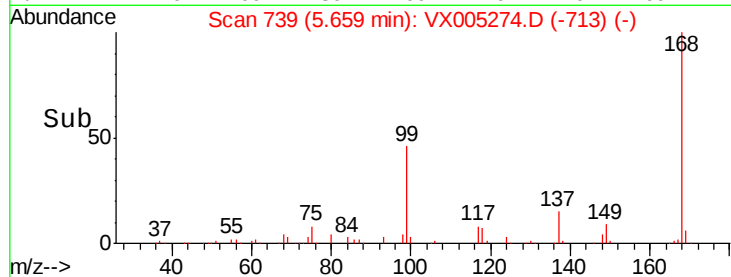
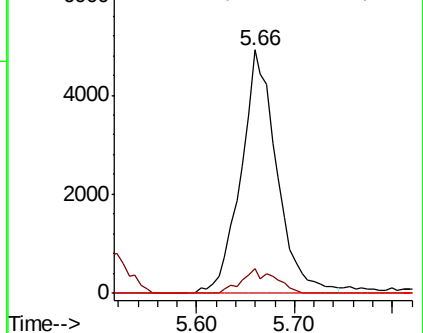
77 0.0 27.1 40.7#



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: 4.845 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX005274.D

Acq: 12 Oct 2018 00:28

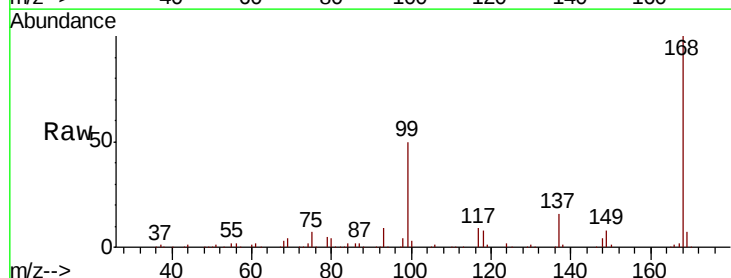
Tgt Ion: 117 Resp: 16266

Ion Ratio Lower Upper

117 100

119 6.2 75.2 112.8#

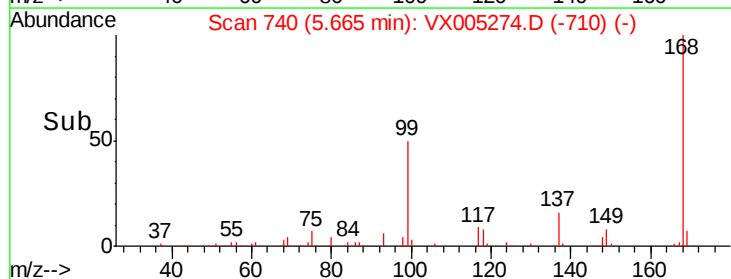
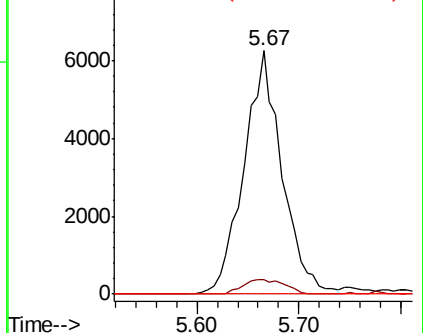
121 0.0 22.5 33.7#

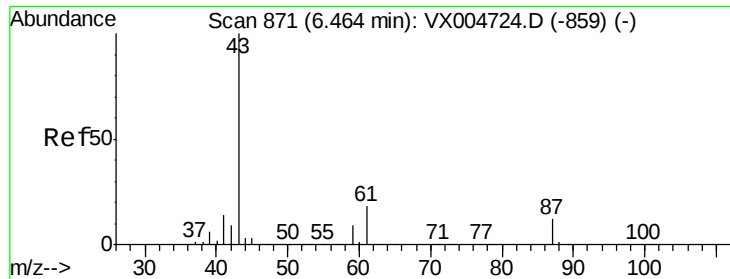


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#43

Isopropyl Acetate

Concen: 23.226 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.01 min

Lab File: VX005274.D

Acq: 12 Oct 2018 00:28

Instrument :

MSVOA_X

ClientSampleId :

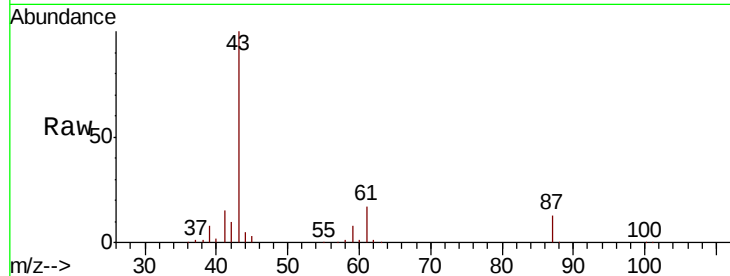
Tot Ion: 43 Resp: 142121

Ion Ratio Lower Upper

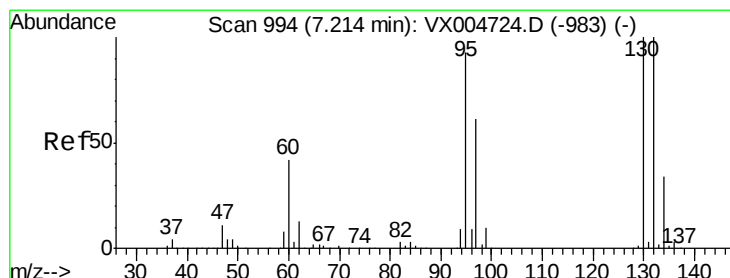
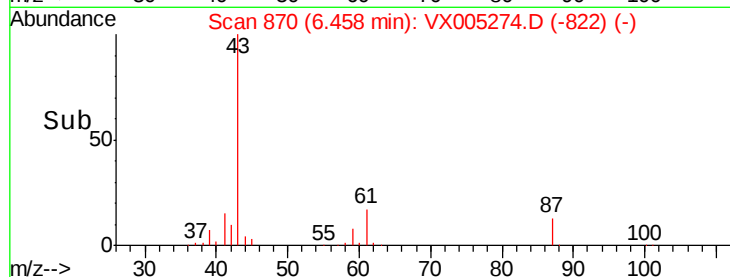
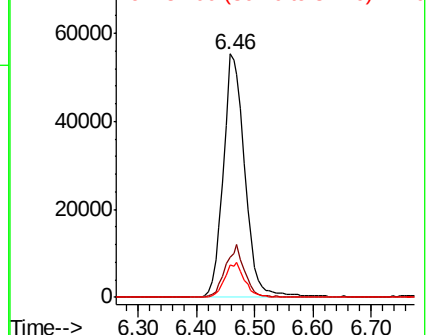
43 100

61 19.3 14.2 21.4

87 13.2 9.3 13.9



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 11.700 ug/l

RT: 7.22 min Scan# 995

Delta R.T. 0.01 min

Lab File: VX005274.D

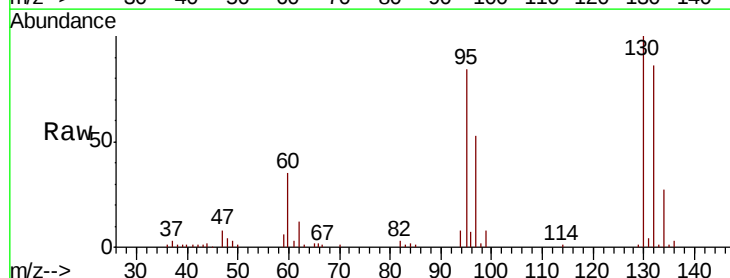
Acq: 12 Oct 2018 00:28

Tgt Ion:130 Resp: 28758

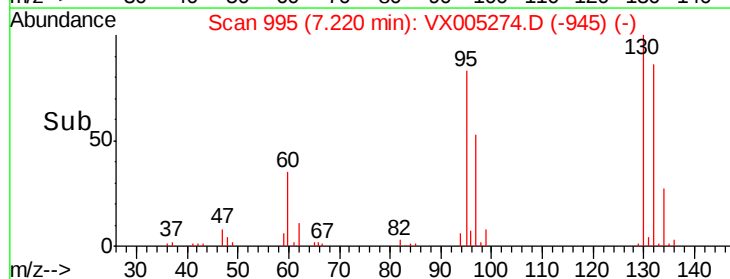
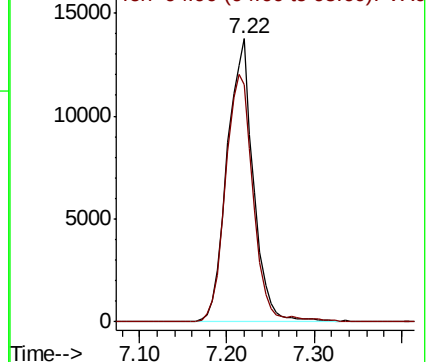
Ion Ratio Lower Upper

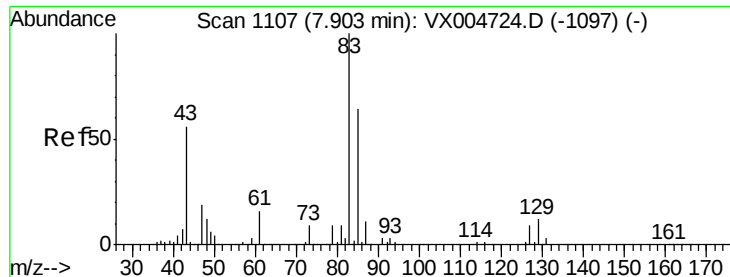
130 100

95 83.7 0.0 186.8



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0





#47

Bromodichloromethane

Concen: 0.308 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. -0.00 min

Lab File: VX005274.D

Acq: 12 Oct 2018 00:28

Instrument :

MSVOA_X

ClientSampleId :

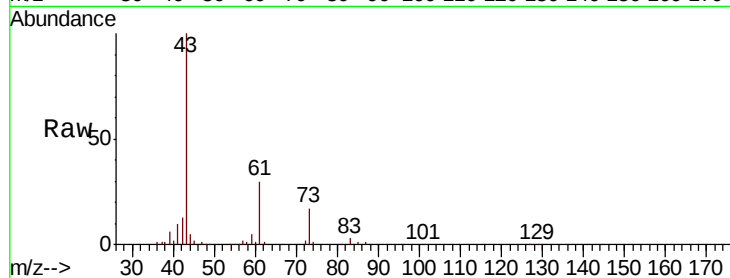
Tot Ion: 83 Resp: 888

Ion Ratio Lower Upper

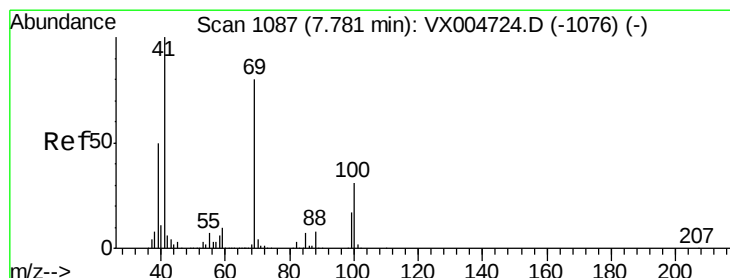
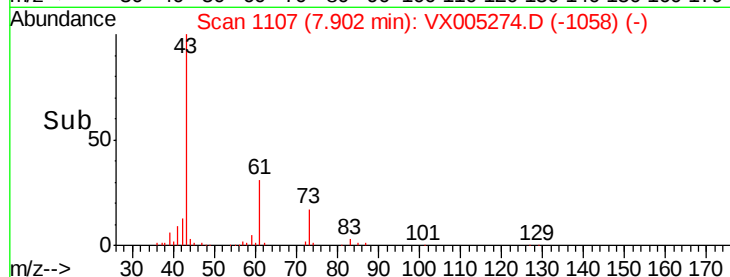
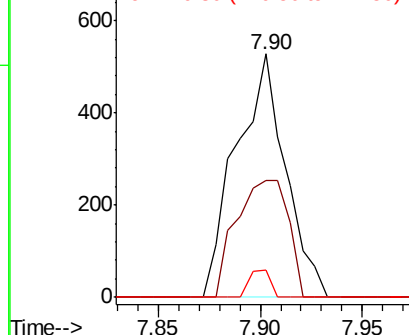
83 100

85 47.7 51.2 76.8#

127 11.2 7.0 10.6#



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 4.728 ug/l

RT: 7.88 min Scan# 1104

Delta R.T. 0.10 min

Lab File: VX005274.D

Acq: 12 Oct 2018 00:28

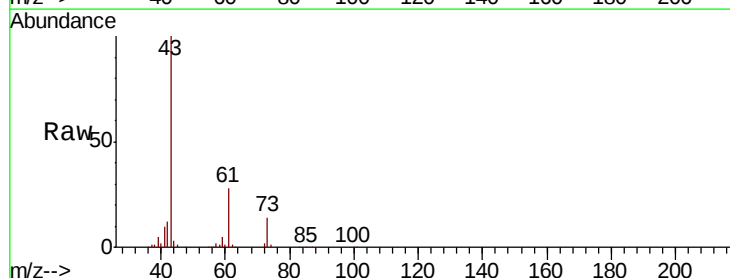
Tgt Ion: 41 Resp: 13131

Ion Ratio Lower Upper

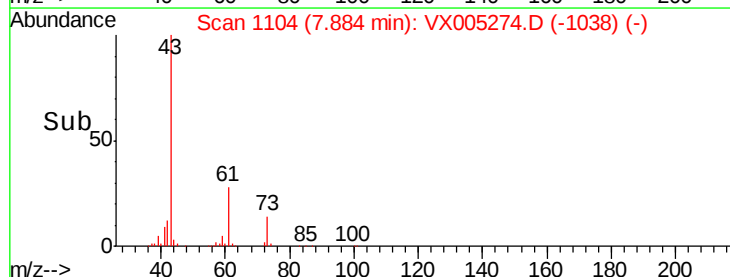
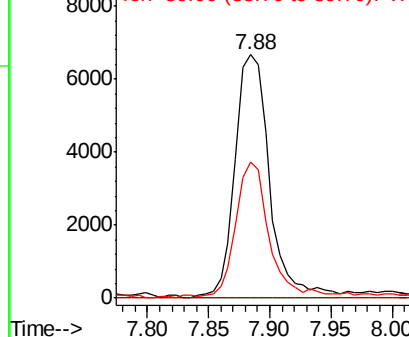
41 100

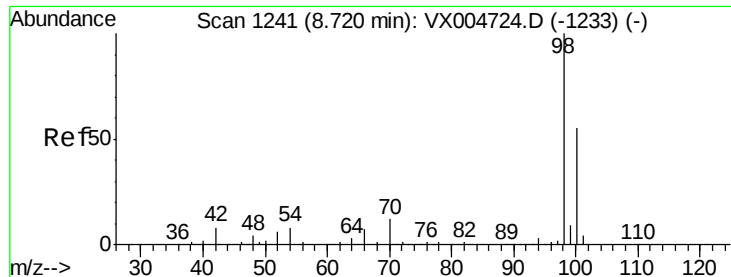
69 0.0 63.8 95.6#

39 52.3 40.7 61.1



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

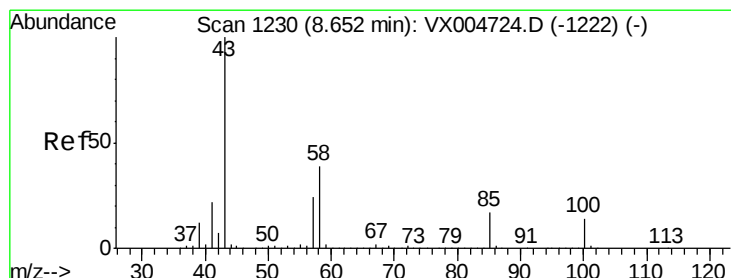
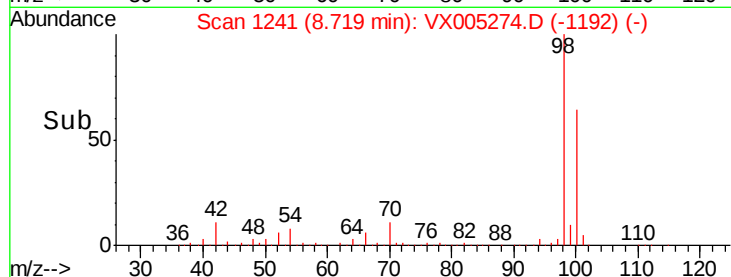
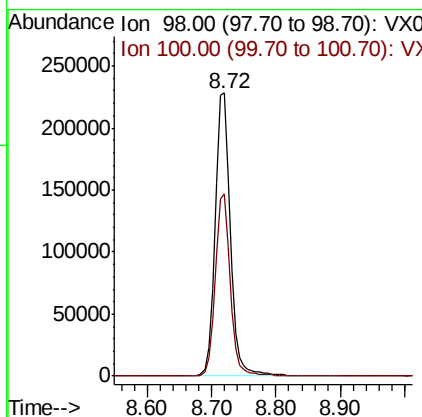
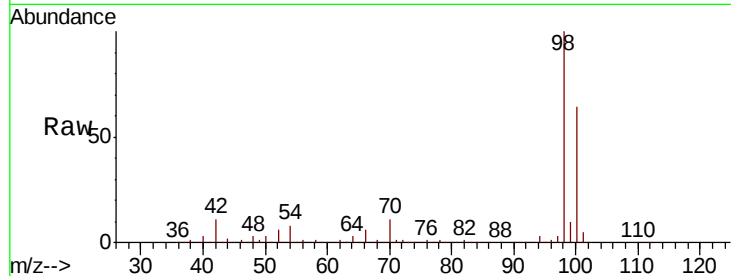




#50
Toluene-d8
Concen: 49.326 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX005274.D
Acq: 12 Oct 2018 00:28

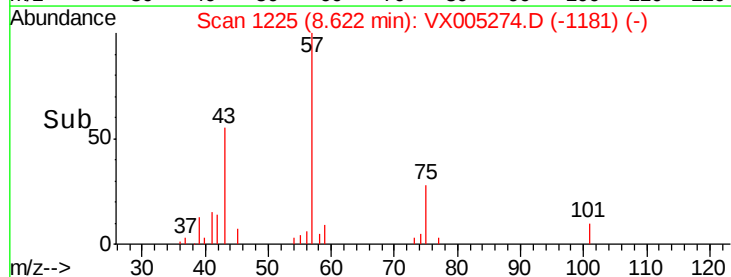
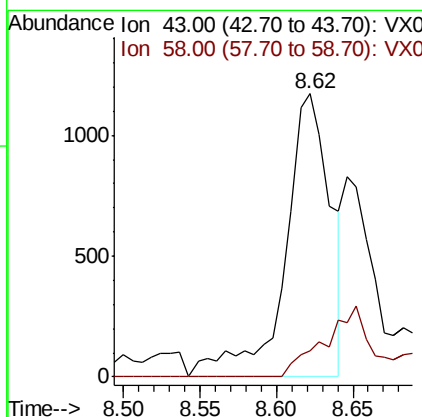
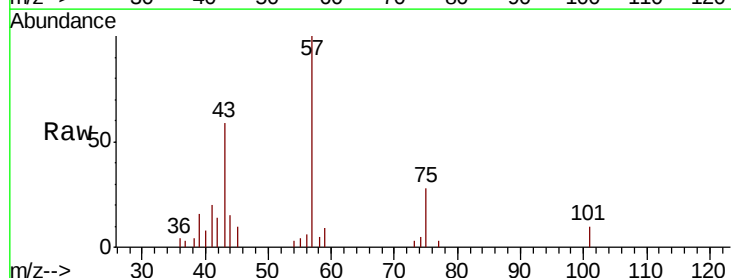
Instrument :
MSVOA_X
ClientSampleId :

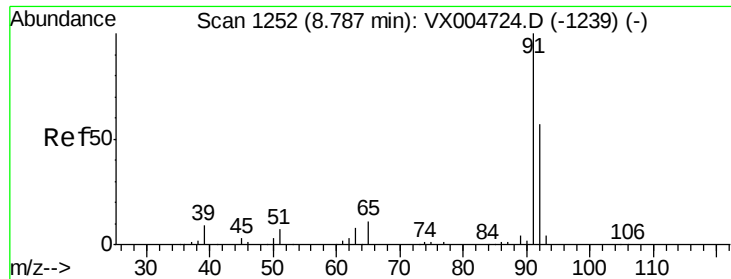
Tot Ion: 98 Resp: 383870
Ion Ratio Lower Upper
98 100
100 63.3 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.630 ug/l
RT: 8.62 min Scan# 1225
Delta R.T. -0.03 min
Lab File: VX005274.D
Acq: 12 Oct 2018 00:28

Tgt Ion: 43 Resp: 2428
Ion Ratio Lower Upper
43 100
58 0.0 30.5 45.7#





#52

Toluene

Concen: 0.531 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005274.D

Acq: 12 Oct 2018 00:28

Instrument :

MSVOA_X

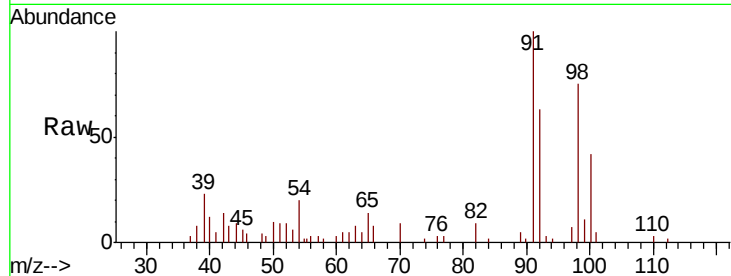
ClientSampleId :

Tot Ion: 92 Resp: 2916

Ion Ratio Lower Upper

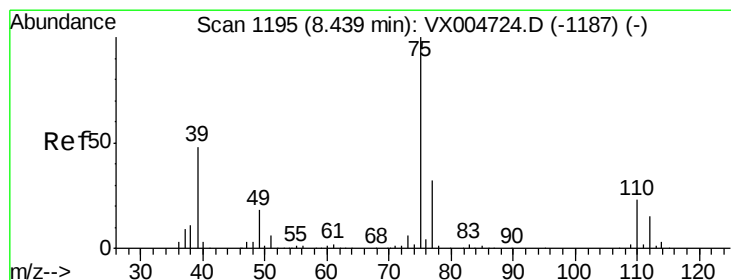
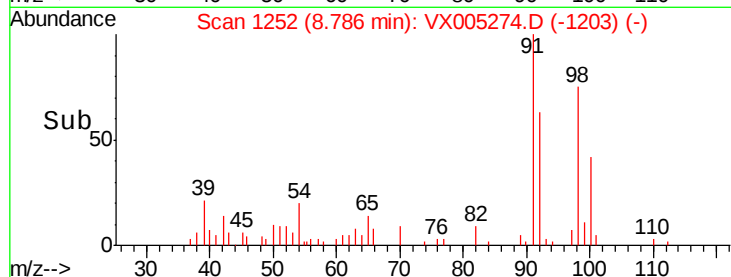
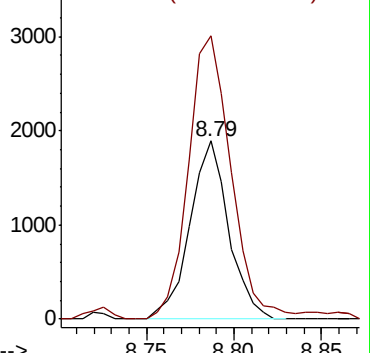
92 100

91 178.4 136.7 205.1



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#54

cis-1,3-Dichloropropene

Concen: 0.266 ug/l

RT: 8.62 min Scan# 1224

Delta R.T. 0.18 min

Lab File: VX005274.D

Acq: 12 Oct 2018 00:28

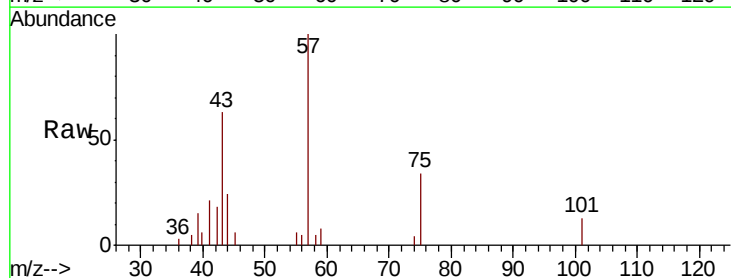
Tgt Ion: 75 Resp: 909

Ion Ratio Lower Upper

75 100

77 0.0 25.7 38.5#

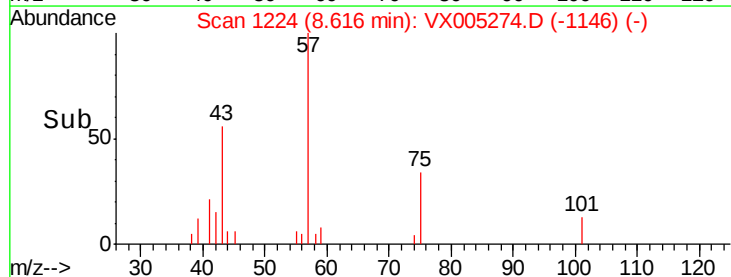
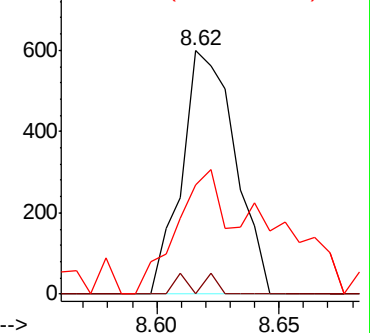
39 44.7 38.3 57.5

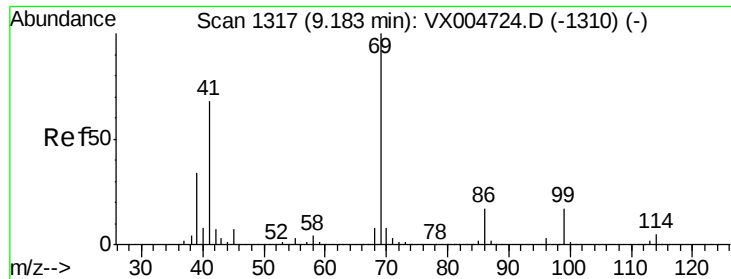


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#56

Ethyl methacrylate

Concen: 2.895 ug/l

RT: 9.03 min Scan# 1292

Delta R.T. -0.15 min

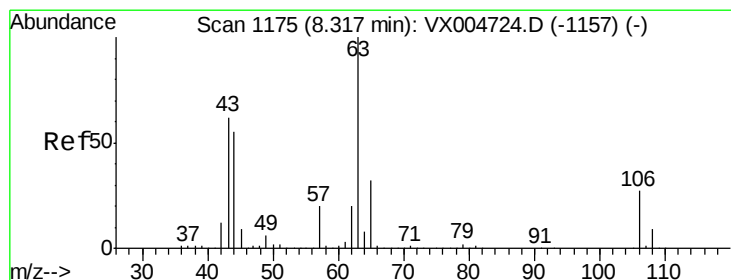
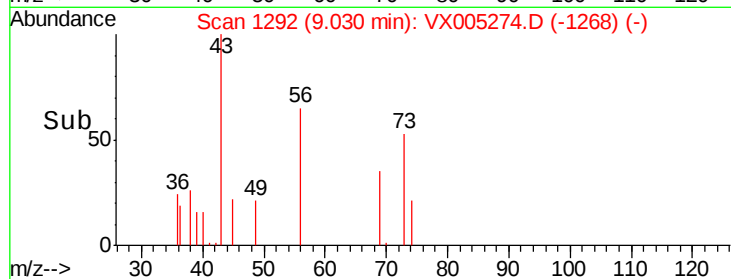
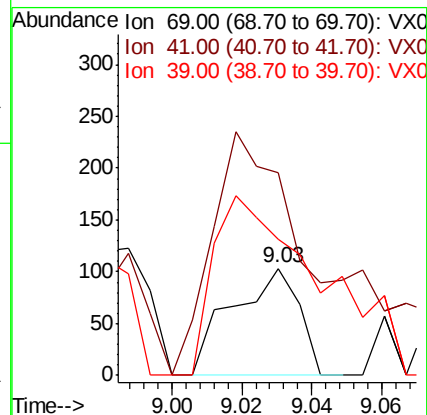
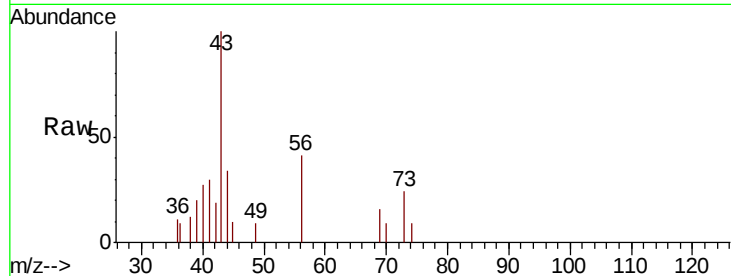
Lab File: VX005274.D

Acq: 12 Oct 2018 00:28

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 69 Resp: 136

Ion	Ratio	Lower	Upper
69	100		
41	382.4	56.9	85.3#
39	272.1	28.4	42.6#



#58

2-Chloroethyl Vinyl ether

Concen: 14.252 ug/l

RT: 8.37 min Scan# 1184

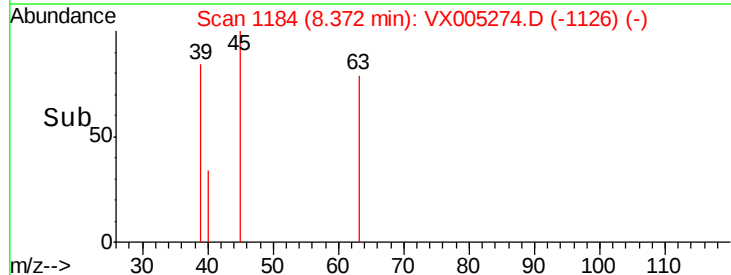
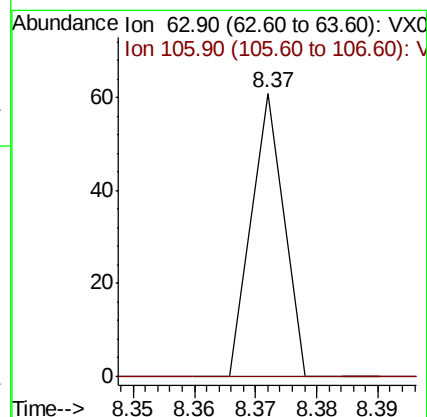
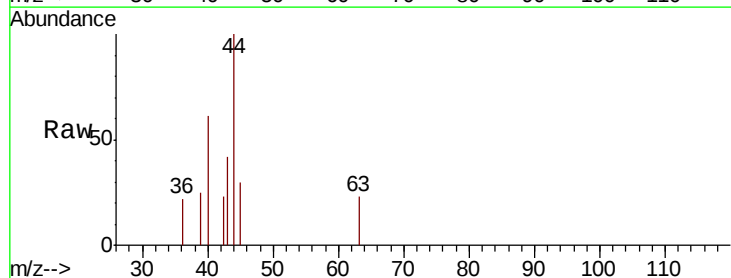
Delta R.T. 0.05 min

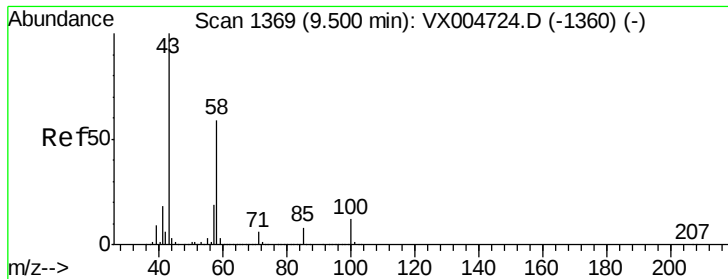
Lab File: VX005274.D

Acq: 12 Oct 2018 00:28

Tgt Ion: 63 Resp: 22

Ion	Ratio	Lower	Upper
63	100		
106	0.0	21.0	31.6#

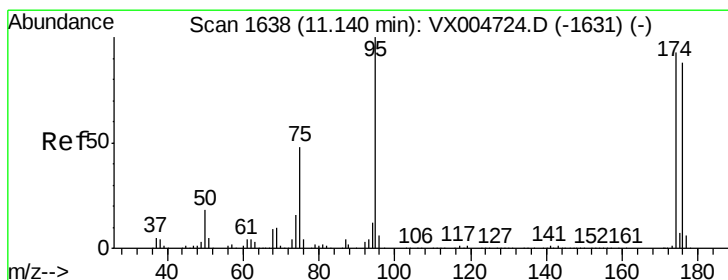
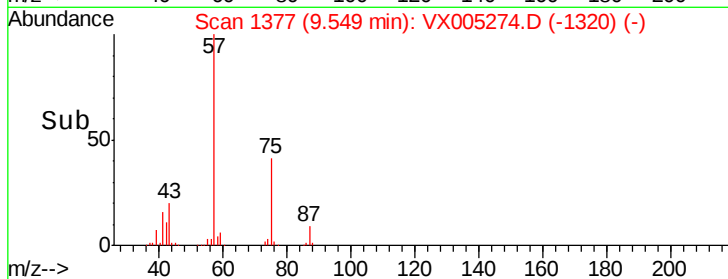
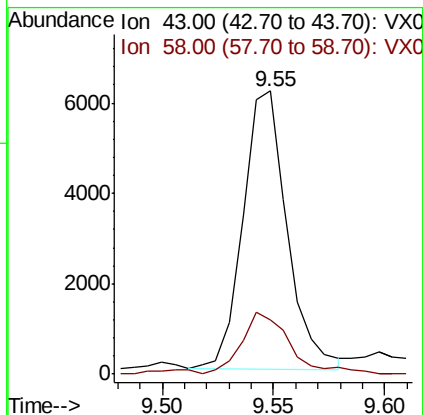
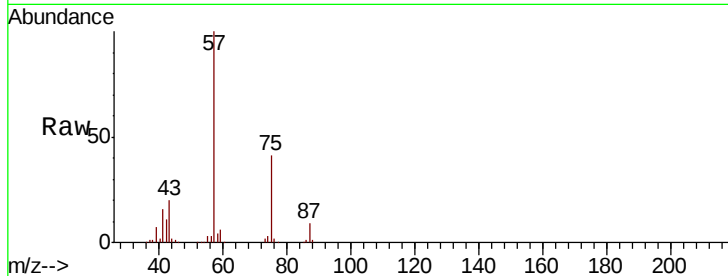




#59
2-Hexanone
Concen: 2.649 ug/l
RT: 9.55 min Scan# 1377
Delta R.T. 0.05 min
Lab File: VX005274.D
Acq: 12 Oct 2018 00:28

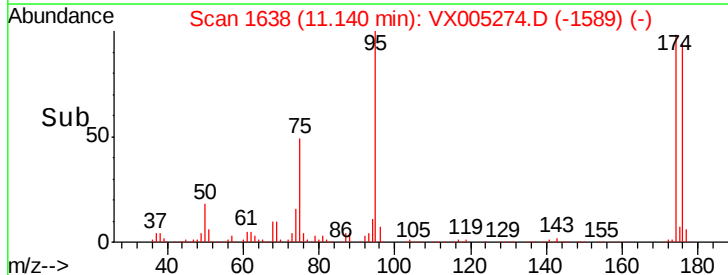
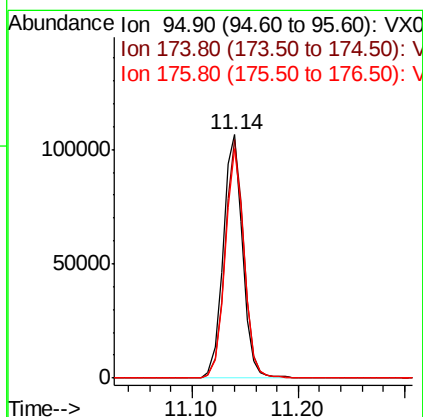
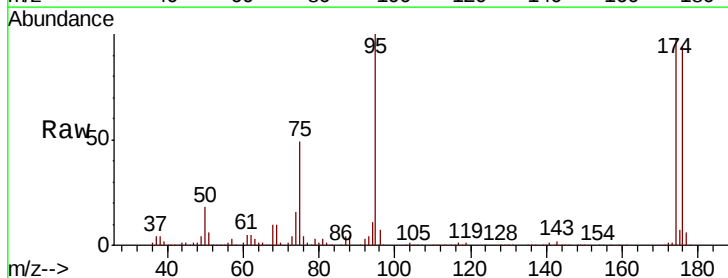
Instrument :
MSVOA_X
ClientSampleId :

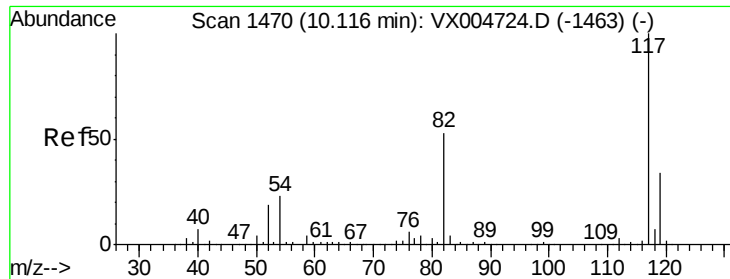
Tot Ion: 43 Resp: 8506
Ion Ratio Lower Upper
43 100
58 24.3 28.4 85.3#



#62
4-Bromofluorobenzene
Concen: 48.436 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005274.D
Acq: 12 Oct 2018 00:28

Tgt Ion: 95 Resp: 135796
Ion Ratio Lower Upper
95 100
174 95.9 0.0 185.0
176 92.2 0.0 180.2

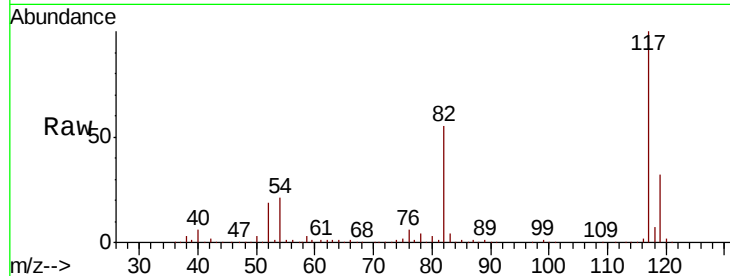




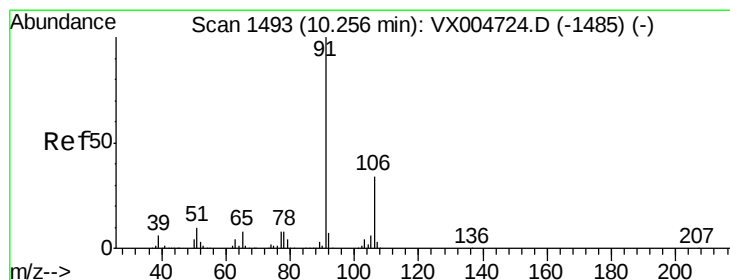
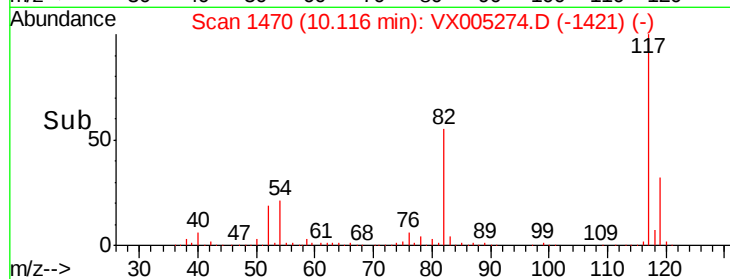
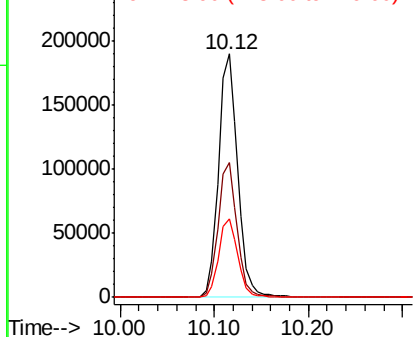
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005274.D
Acq: 12 Oct 2018 00:28

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:117 Resp: 267882
Ion Ratio Lower Upper
117 100
82 55.4 42.2 63.4
119 32.4 27.4 41.0

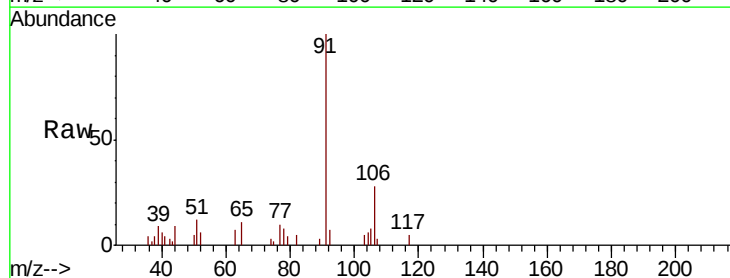


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

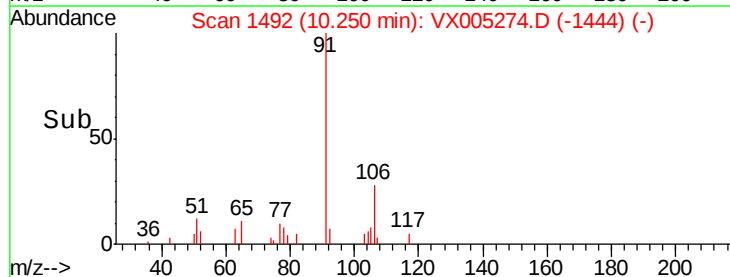
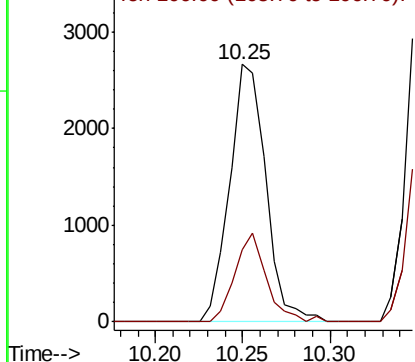


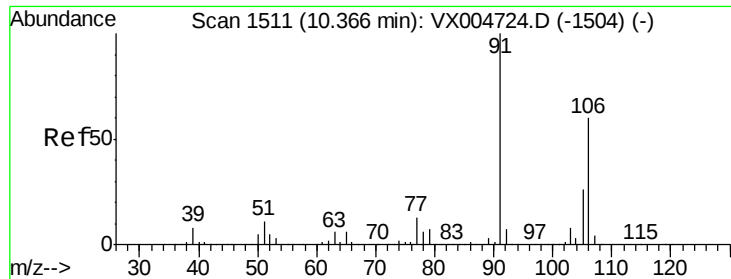
#67
Ethyl Benzene
Concen: 0.353 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VX005274.D
Acq: 12 Oct 2018 00:28

Tgt Ion: 91 Resp: 3846
Ion Ratio Lower Upper
91 100
106 28.0 26.9 40.3



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 106.00 (105.70 to 106.70): V

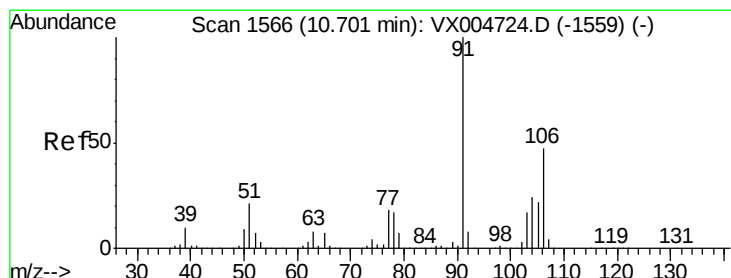
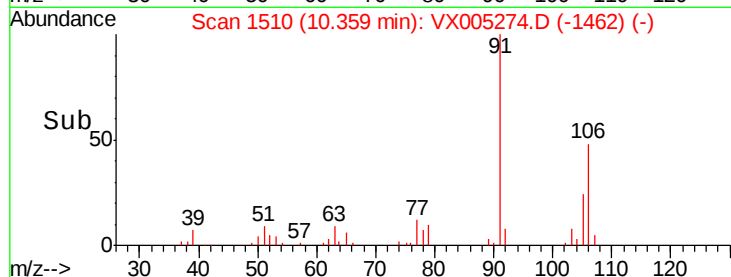
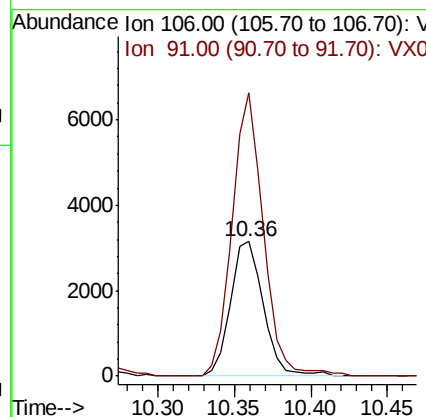
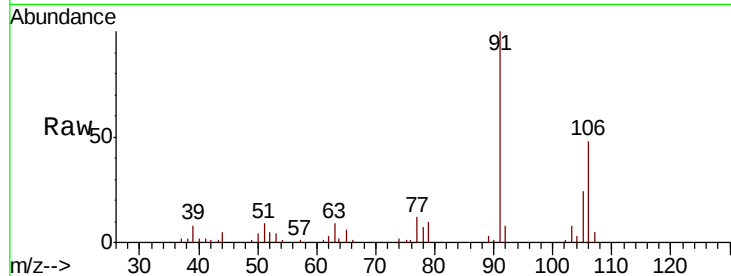




#68
m/p-Xvlenes
Concen: 1.094 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX005274.D
Acq: 12 Oct 2018 00:28

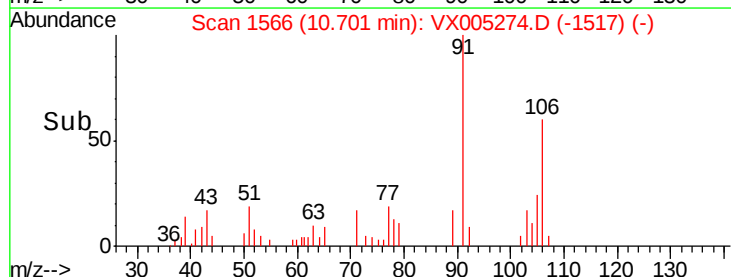
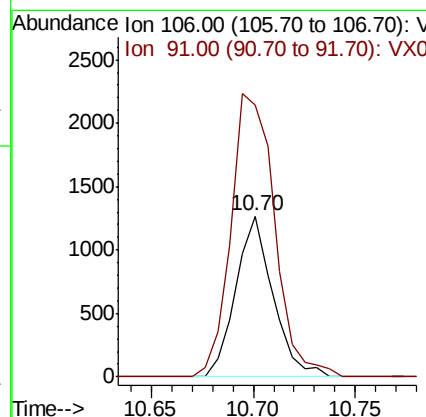
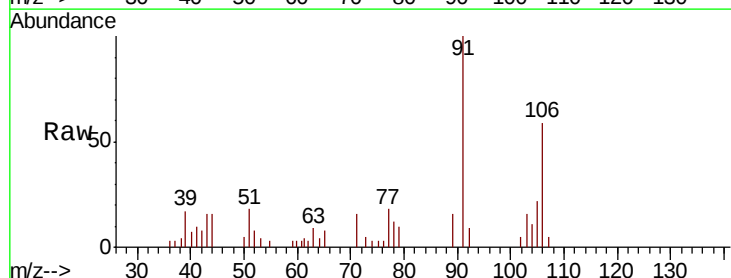
Instrument :
MSVOA_X
ClientSampleId :

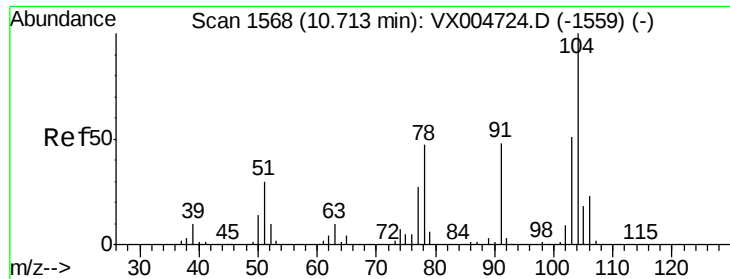
Tot Ion:106 Resp: 4663
Ion Ratio Lower Upper
106 100
91 201.1 157.5 236.3



#69
o-Xylene
Concen: 0.409 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005274.D
Acq: 12 Oct 2018 00:28

Tgt Ion:106 Resp: 1602
Ion Ratio Lower Upper
106 100
91 206.3 108.3 324.8

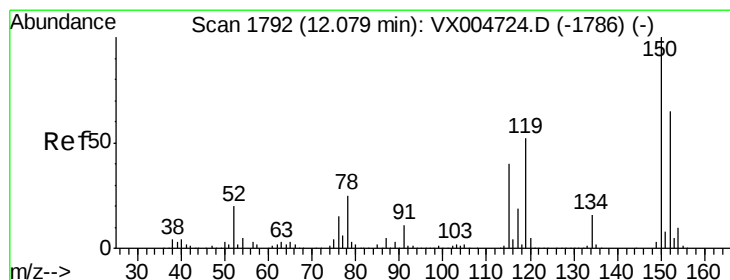
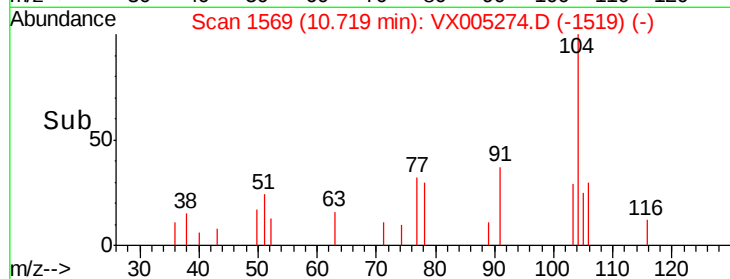
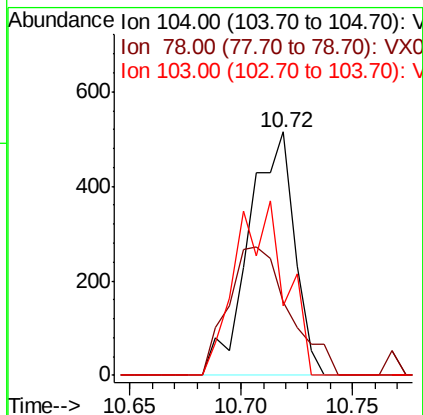
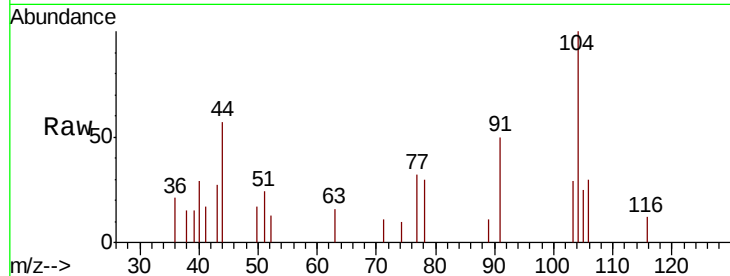




#70
Stvrene
Concen: 2.237 ug/l
RT: 10.72 min Scan# 1569
Delta R.T. 0.01 min
Lab File: VX005274.D
Acq: 12 Oct 2018 00:28

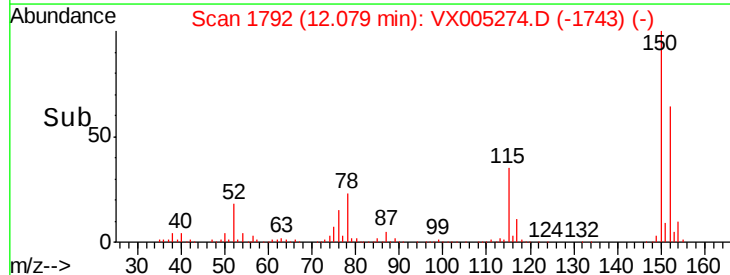
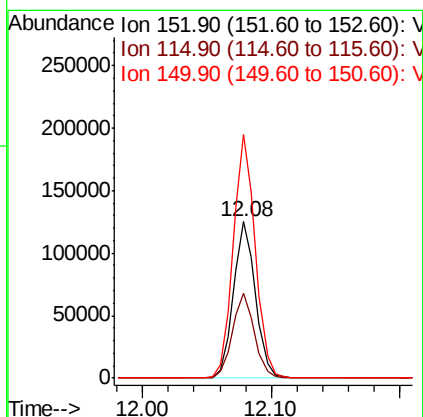
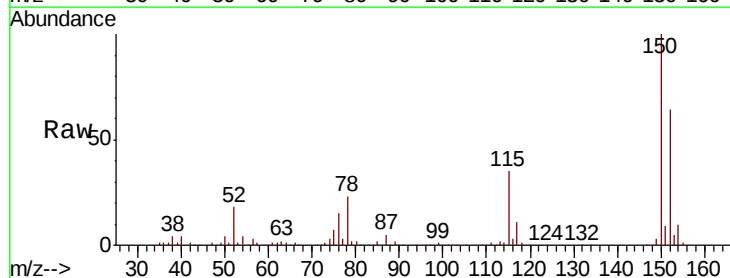
Instrument :
MSVOA_X
ClientSampleId :

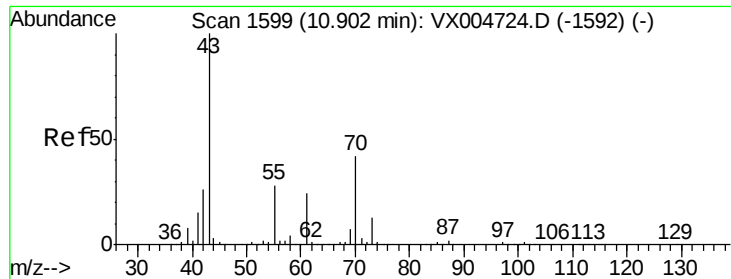
Tot Ion:104 Resp: 738
Ion Ratio Lower Upper
104 100
78 70.6 40.0 60.0#
103 77.5 44.3 66.5#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005274.D
Acq: 12 Oct 2018 00:28

Tgt Ion:152 Resp: 148783
Ion Ratio Lower Upper
152 100
115 54.2 40.2 120.6
150 156.5 0.0 351.0





#74

N-amvl acetate

Concen: 1.768 ug/l

RT: 10.91 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VX005274.D

Acq: 12 Oct 2018 00:28

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 43 Resp: 110

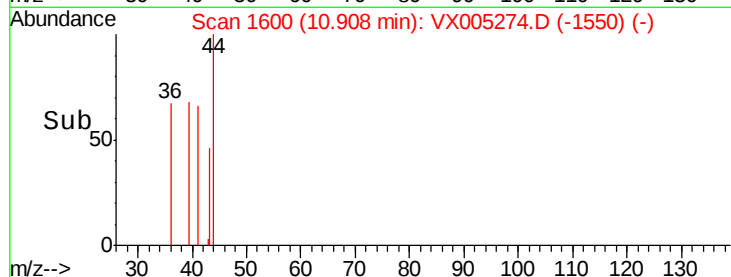
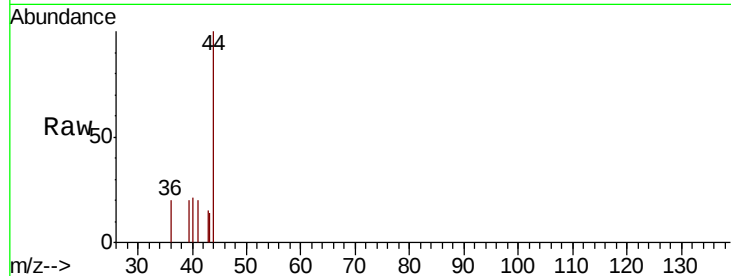
Ion Ratio Lower Upper

43 100

70 0.0 32.6 48.8#

55 16.4 21.6 32.4#

61 0.0 19.1 28.7#

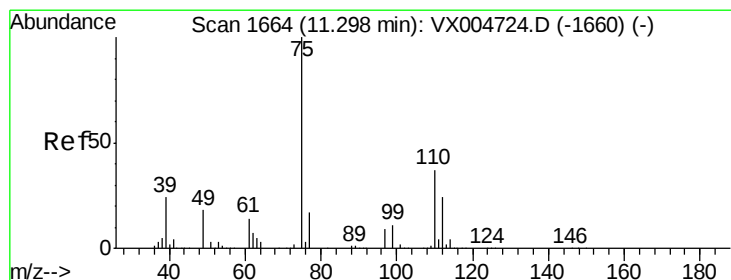
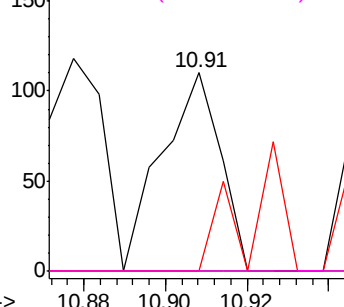


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 20.407 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX005274.D

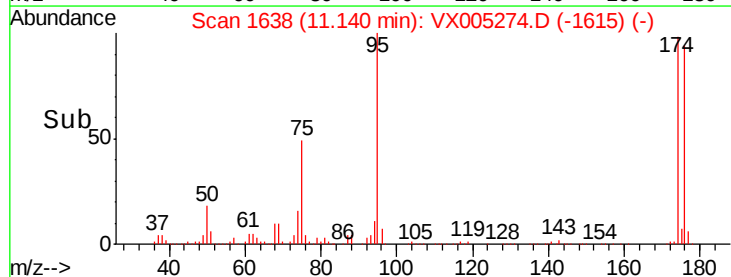
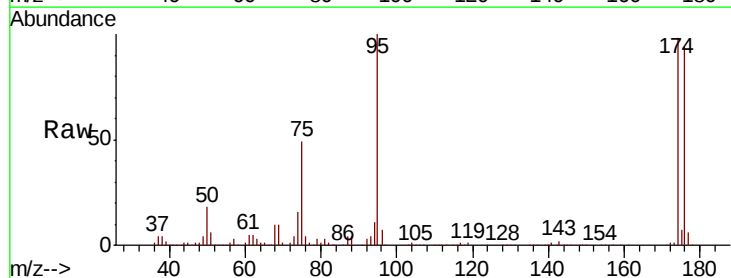
Acq: 12 Oct 2018 00:28

Tgt Ion: 75 Resp: 68053

Ion Ratio Lower Upper

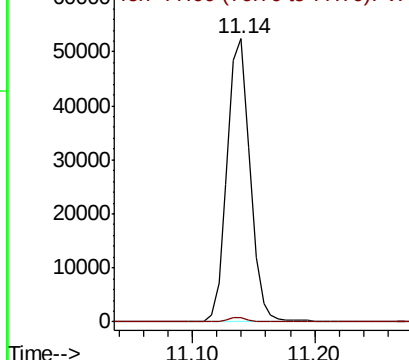
75 100

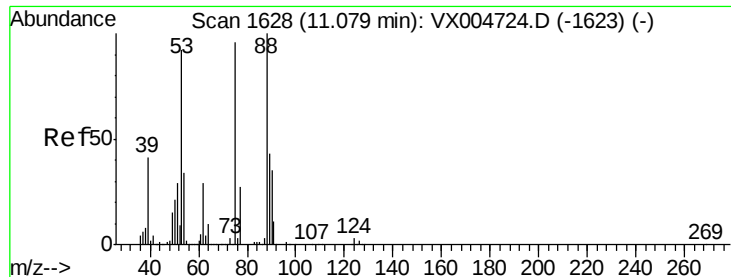
77 1.4 21.4 64.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 55.433 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.06 min

Lab File: VX005274.D

Acq: 12 Oct 2018 00:28

Instrument :

MSVOA_X

ClientSampleId :

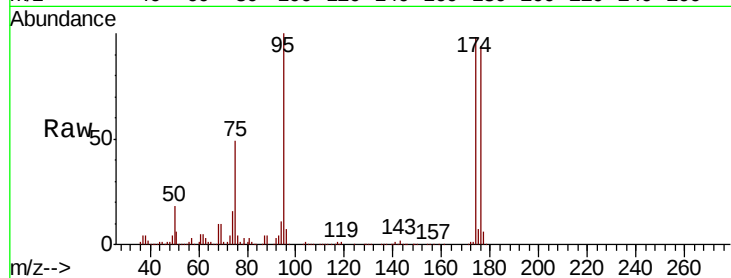
Tot Ion: 75 Resp: 68053

Ion Ratio Lower Upper

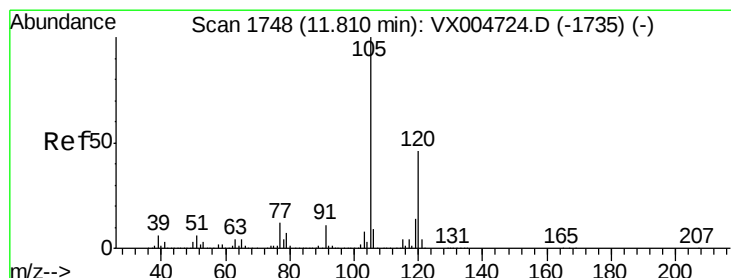
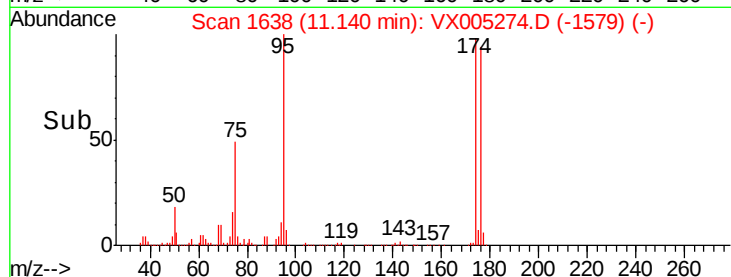
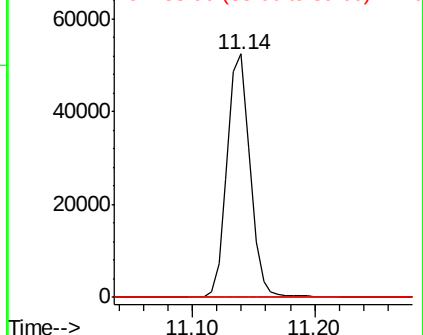
75 100

53 0.4 80.2 120.4#

89 0.0 37.1 55.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#84

1,2,4-Trimethylbenzene

Concen: 0.655 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. -0.00 min

Lab File: VX005274.D

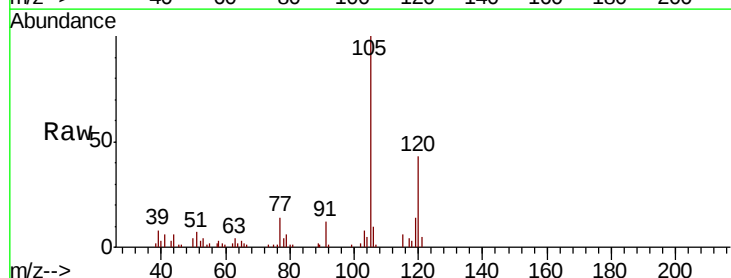
Acq: 12 Oct 2018 00:28

Tgt Ion: 105 Resp: 7535

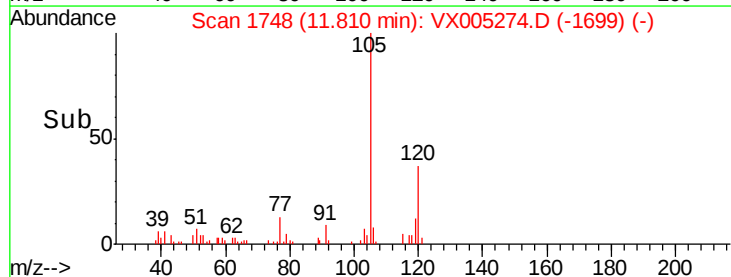
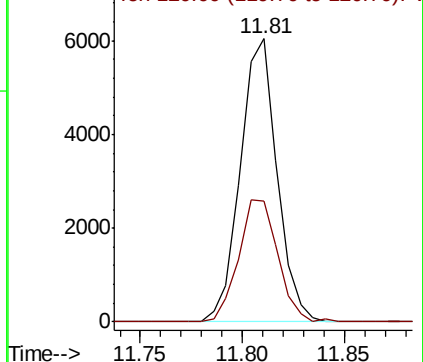
Ion Ratio Lower Upper

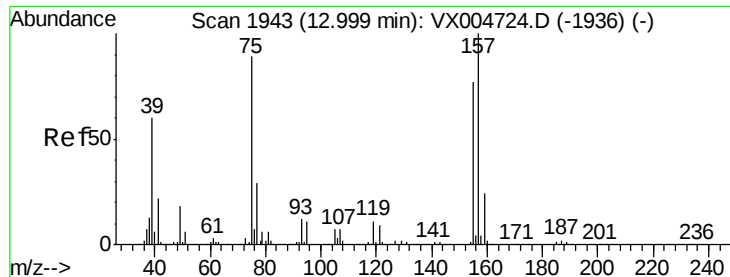
105 100

120 46.2 22.8 68.3



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

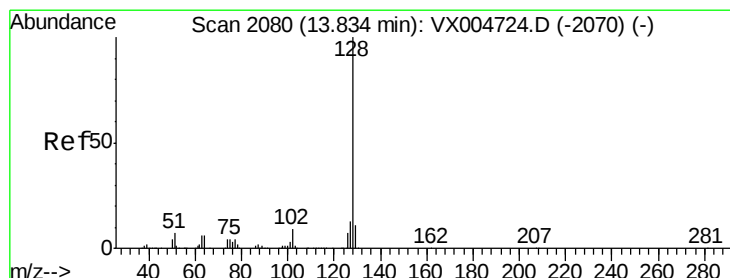
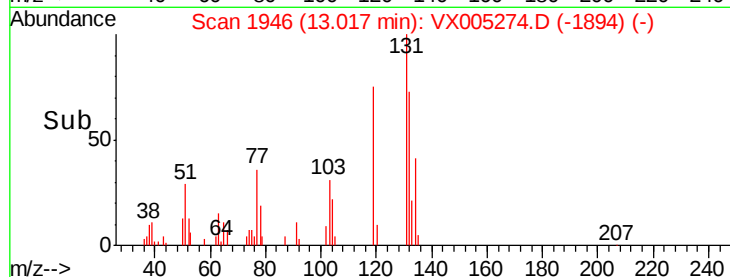
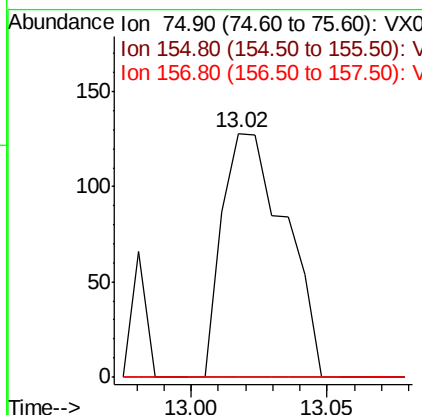
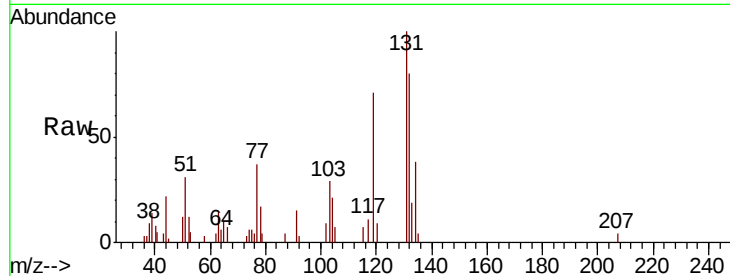




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.247 ug/l
 RT: 13.02 min Scan# 1946
 Delta R.T. 0.02 min
 Lab File: VX005274.D
 Acq: 12 Oct 2018 00:28

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 75 Resp: 207
 Ion Ratio Lower Upper
 75 100
 155 0.0 46.1 138.3#
 157 0.0 60.2 180.6#



#95
 Naphthalene
 Concen: 31.597 ug/l
 RT: 13.83 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX005274.D
 Acq: 12 Oct 2018 00:28

Tgt Ion:128 Resp: 387708
 Ion Ratio Lower Upper
 128 100
 127 13.2 10.4 15.6
 129 10.8 8.7 13.1

