

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100518\
 Data File : VX005099.D
 Acq On : 06 Oct 2018 06:52
 Operator : JC/MD
 Sample : J5259-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 08 00:56:10 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	233670	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.86	114	328248	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	318673	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	185549	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	173342	51.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.86%	
35) Dibromofluoromethane	5.51	113	149207	53.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.26%	
50) Toluene-d8	8.72	98	469312	50.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.48%	
62) 4-Bromofluorobenzene	11.14	95	174277	52.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.62%	

Target Compounds

					Qvalue	
3) Chloromethane	1.32	50	879	0.227	ug/l	92
4) Vinyl Chloride	1.40	62	954194	263.198	ug/l	98
5) Bromomethane	1.64	94	703	0.327	ug/l	94
12) 1,1-Dichloroethene	2.37	96	3906	1.543	ug/l	92
13) Acrolein	2.31	56	333	0.501	ug/l	93
16) Acetone	2.45	43	13773	7.068	ug/l	93
18) Methyl Acetate	2.78	43	3432	0.695	ug/l	97
20) Methylene Chloride	2.85	84	1220	Below Cal	#	82
21) trans-1,2-Dichloroethene	3.16	96	24404	8.805	ug/l #	79
25) 2-Butanone	4.71	43	8363	2.911	ug/l	93
27) cis-1,2-Dichloroethene	4.60	96	4038070	1304.177	ug/l	89
29) Tetrahydrofuran	5.17	42	12991	7.276	ug/l	98
30) Chloroform	5.21	83	1167	0.223	ug/l	86
31) Cyclohexane	5.57	56	2266	0.534	ug/l	90
38) Carbon Tetrachloride	5.67	117	21300	5.339	ug/l #	16
39) Methylcyclohexane	7.46	83	3332	0.860	ug/l #	80
40) Benzene	6.15	78	108976	9.171	ug/l	97
41) Methacrylonitrile	5.17	41	8269	2.959	ug/l #	49
42) 1,2-Dichloroethane	6.16	62	1052	0.250	ug/l #	73
44) Trichloroethene	7.22	130	51020	17.466	ug/l	75
51) 4-Methyl-2-Pentanone	8.65	43	1242	0.271	ug/l	98
52) Toluene	8.79	92	6279	0.962	ug/l	98
56) Ethyl methacrylate	9.18	69	45	2.871	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.07	63	19	14.249	ug/l #	49
60) Dibromochloromethane	9.34	129	107088	37.439	ug/l #	10
64) Tetrachloroethene	9.34	164	120614	38.456	ug/l	96
65) Chlorobenzene	10.14	112	44454	5.440	ug/l	97
67) Ethyl Benzene	10.25	91	14961	1.153	ug/l	90
68) m/p-Xylenes	10.36	106	12757	2.516	ug/l	92
69) o-Xylene	10.70	106	7358	1.580	ug/l	97
70) Styrene	10.70	104	625	2.209	ug/l #	1
74) N-amyl acetate	10.91	43	395	1.807	ug/l #	43
76) 1,2,3-Trichloropropane	11.14	75	87700	21.088	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.14	75	87700	57.215	ug/l #	10

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

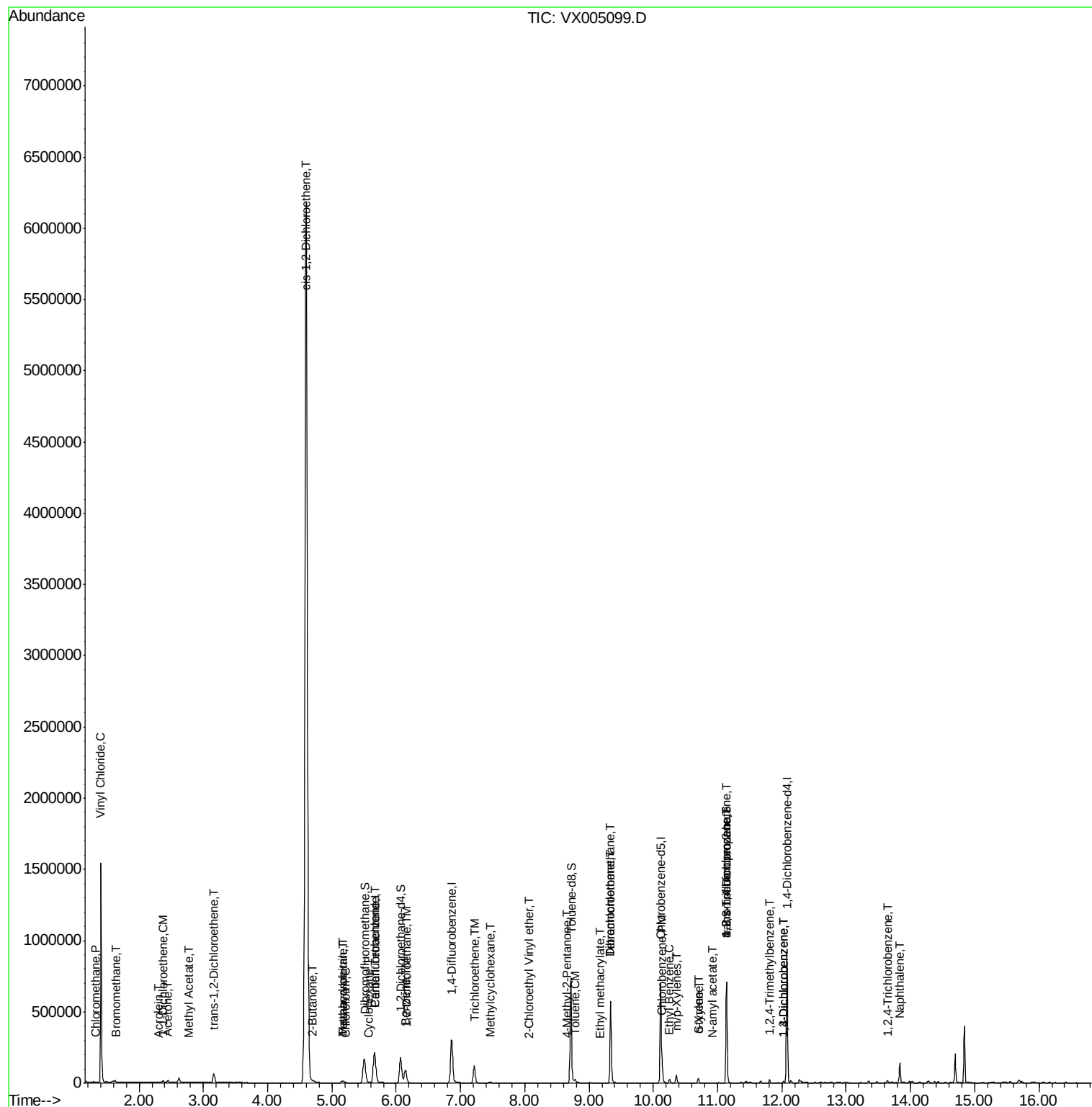
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) 1,2,4-Trimethylbenzene	11.81	105	10832	0.785	ug/l	93
87) 1,3-Dichlorobenzene	12.02	146	2197	0.346	ug/l	96
88) 1,4-Dichlorobenzene	12.02	146	2197	0.336	ug/l	95
93) 1,2,4-Trichlorobenzene	13.65	180	2724	0.586	ug/l	93
95) Naphthalene	13.83	128	85619	6.187	ug/l	99

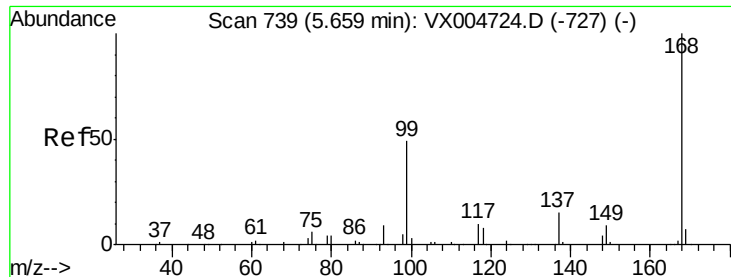
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 741

Delta R.T. 0.01 min

Lab File: VX005099.D

Acq: 06 Oct 2018 06:52

Instrument :

MSVOA_X

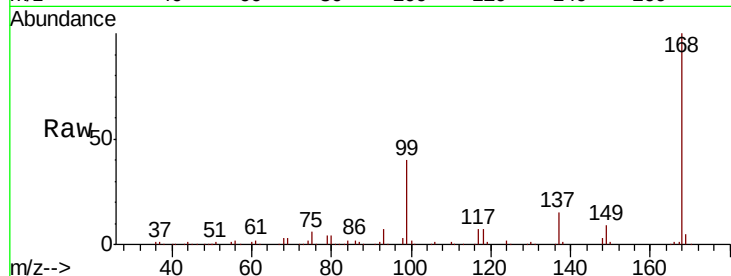
ClientSampled :

Tot Ion:168 Resp: 233670

Ion Ratio Lower Upper

168 100

99 40.3 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

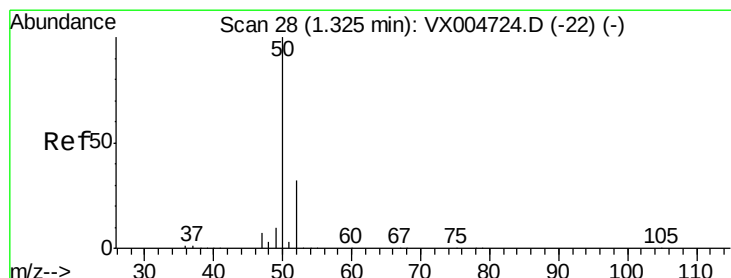
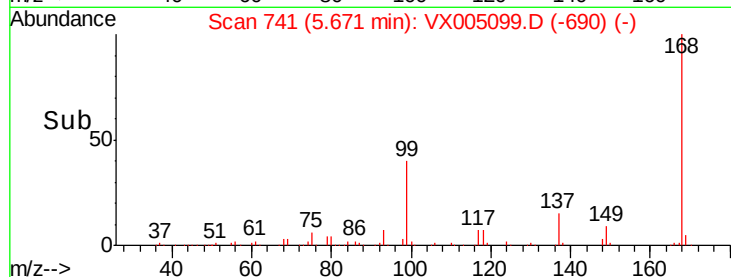
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#3

Chloromethane

Concen: 0.227 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005099.D

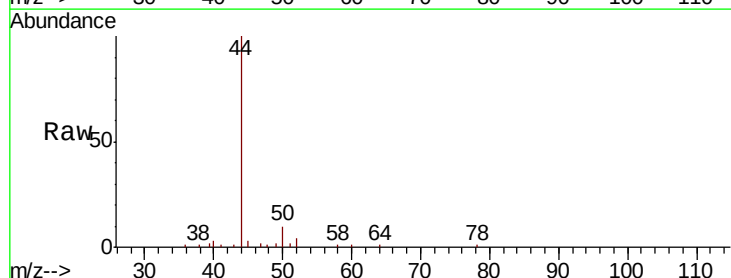
Acq: 06 Oct 2018 06:52

Tgt Ion: 50 Resp: 879

Ion Ratio Lower Upper

50 100

52 36.6 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

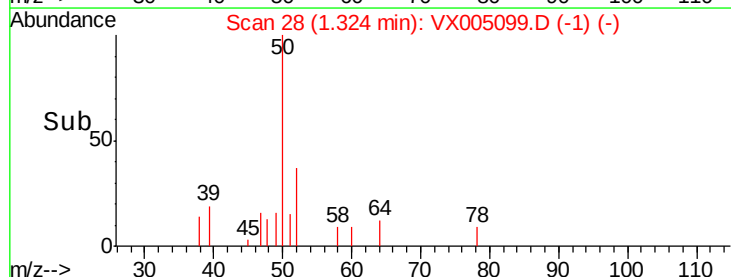
400

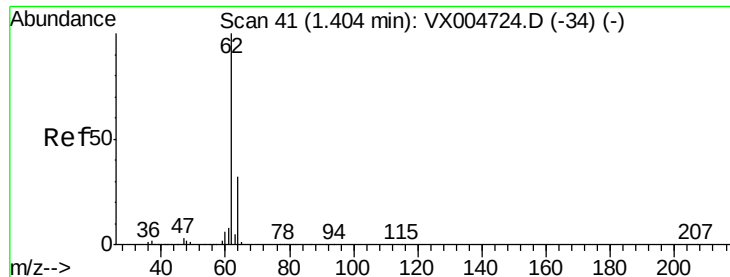
200

0

Time-->

1.30 1.35





#4

Vinyl Chloride

Concen: 263.198 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX005099.D

Acq: 06 Oct 2018 06:52

Instrument :

MSVOA_X

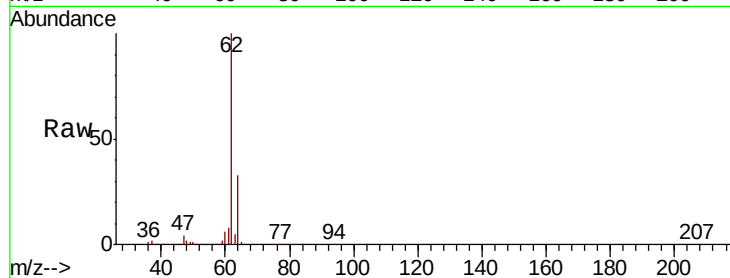
ClientSampled :

Tot Ion: 62 Resp: 954194

Ion Ratio Lower Upper

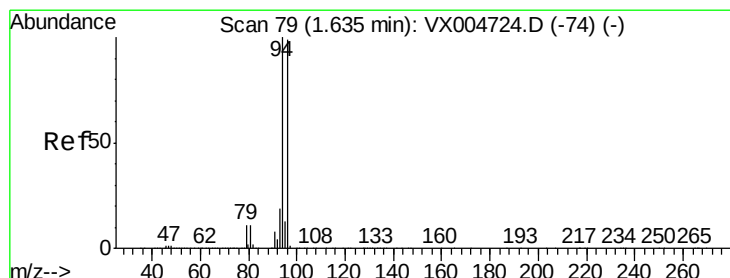
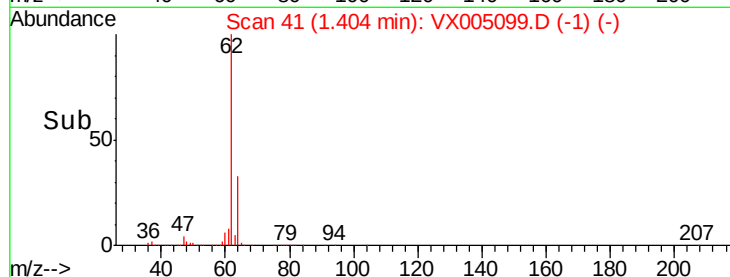
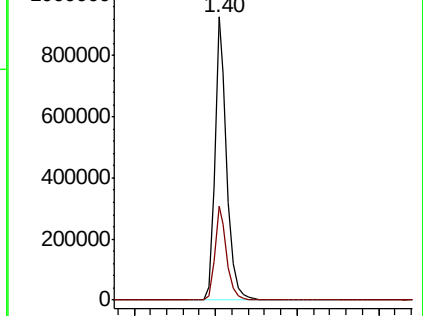
62 100

64 33.0 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



#5

Bromomethane

Concen: 0.327 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX005099.D

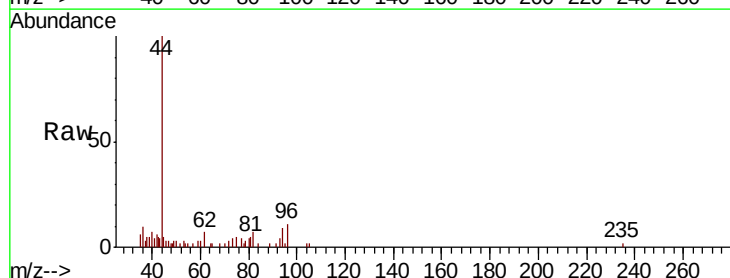
Acq: 06 Oct 2018 06:52

Tgt Ion: 94 Resp: 703

Ion Ratio Lower Upper

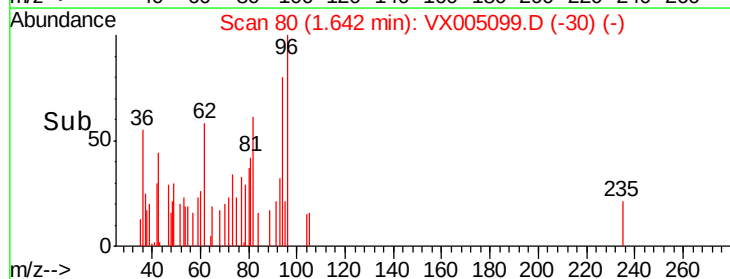
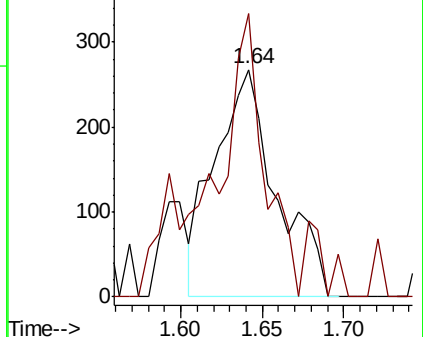
94 100

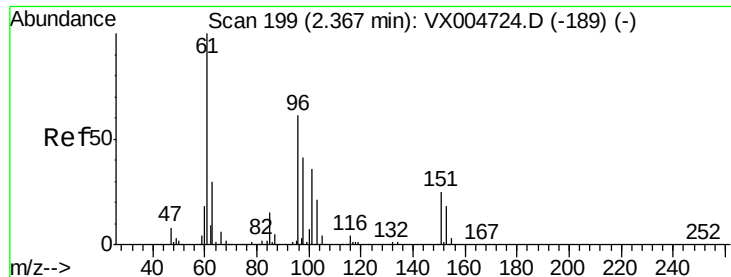
96 105.2 79.5 119.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

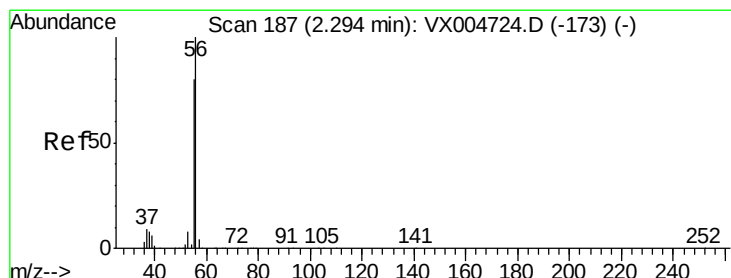
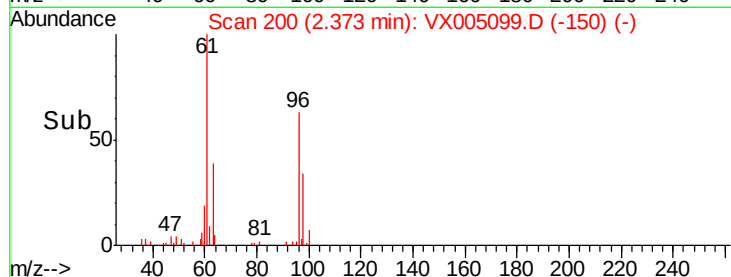
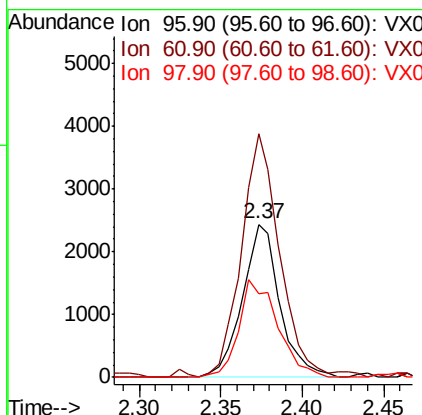
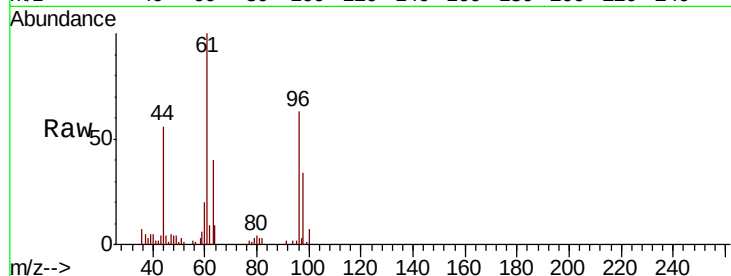




#12
 1,1-Dichloroethene
 Concen: 1.543 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.01 min
 Lab File: VX005099.D
 Acq: 06 Oct 2018 06:52

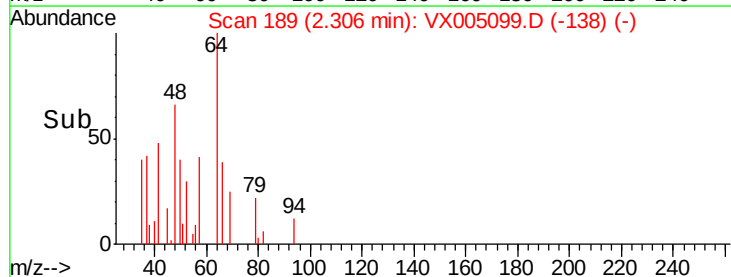
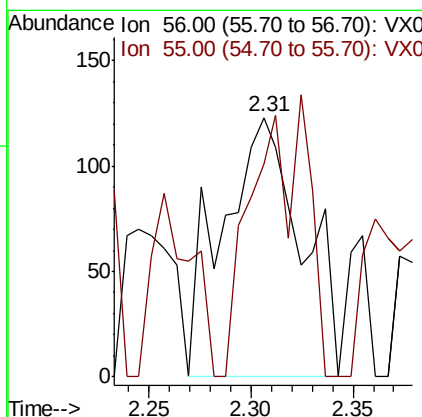
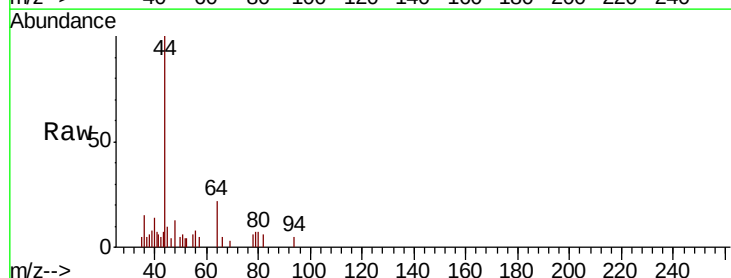
Instrument :
 MSVOA_X
 ClientSampled :

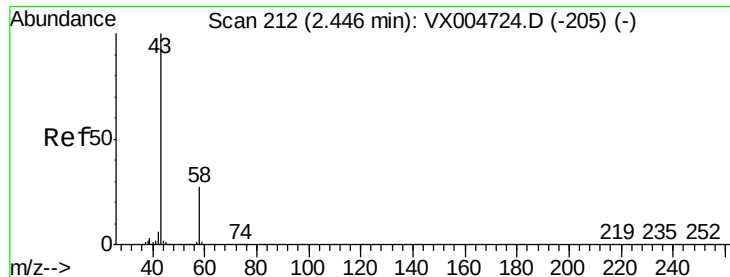
Tot Ion: 96 Resp: 3906
 Ion Ratio Lower Upper
 96 100
 61 156.7 130.2 195.4
 98 54.7 53.4 80.0



#13
 Acrolein
 Concen: 0.501 ug/l
 RT: 2.31 min Scan# 189
 Delta R.T. 0.01 min
 Lab File: VX005099.D
 Acq: 06 Oct 2018 06:52

Tgt Ion: 56 Resp: 333
 Ion Ratio Lower Upper
 56 100
 55 73.6 63.4 95.2





#16

Acetone

Concen: 7.068 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005099.D

Acq: 06 Oct 2018 06:52

Instrument :

MSVOA_X

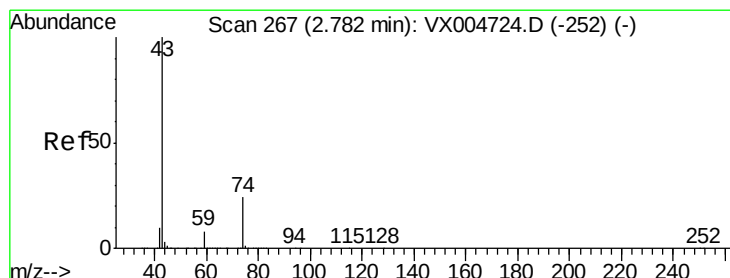
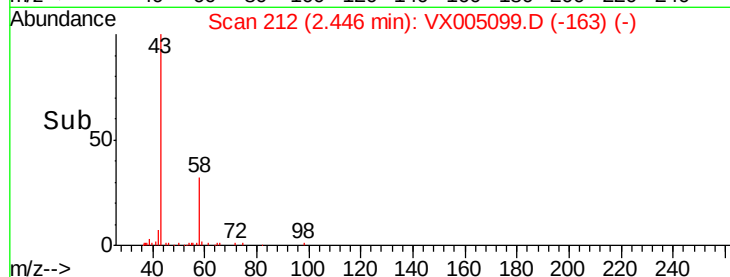
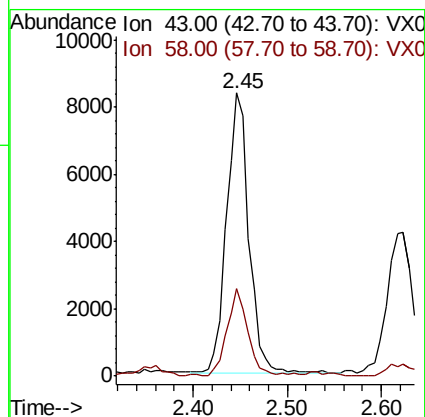
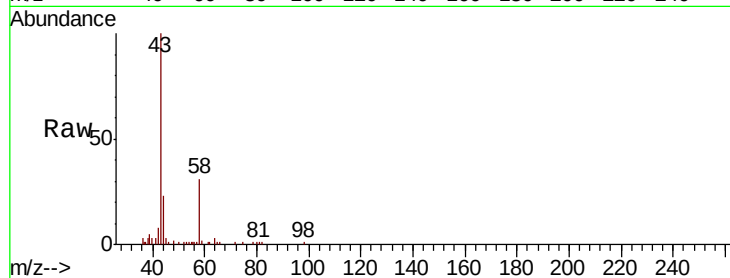
ClientSampleId :

Tot Ion: 43 Resp: 13773

Ion Ratio Lower Upper

43 100

58 30.7 21.8 32.6



#18

Methyl Acetate

Concen: 0.695 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX005099.D

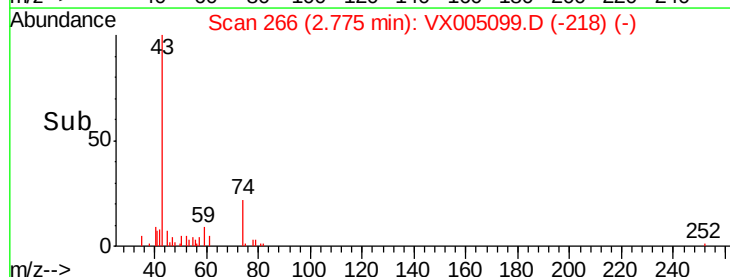
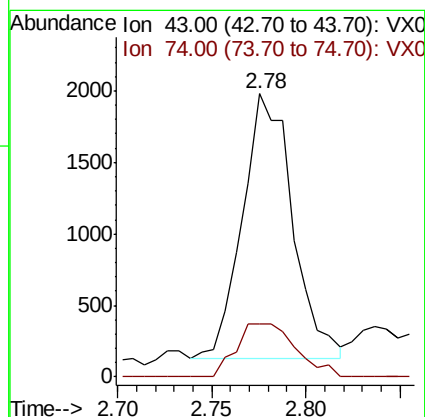
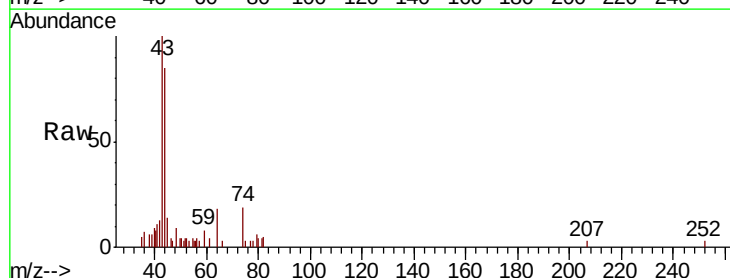
Acq: 06 Oct 2018 06:52

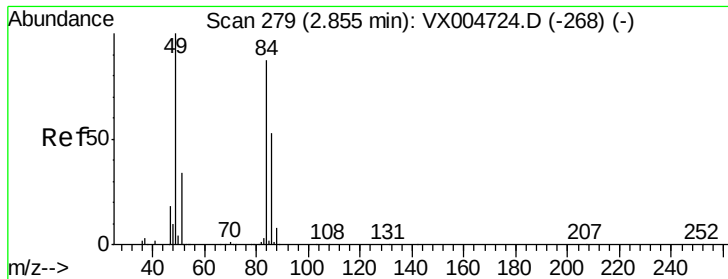
Tgt Ion: 43 Resp: 3432

Ion Ratio Lower Upper

43 100

74 23.7 17.8 26.8

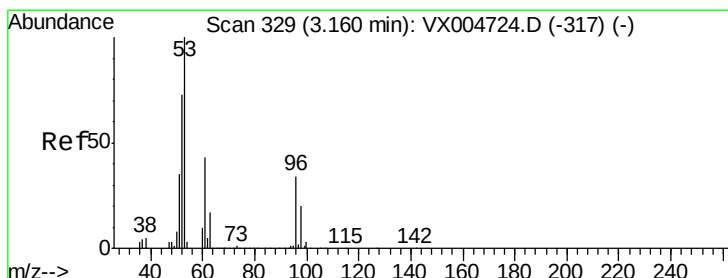
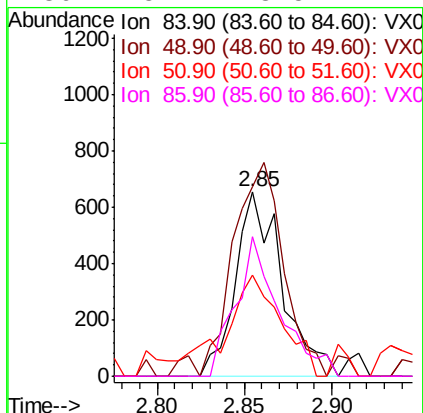
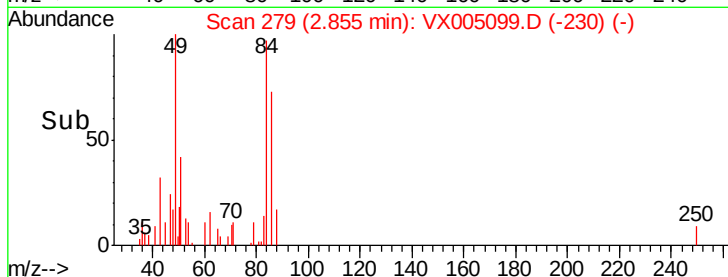
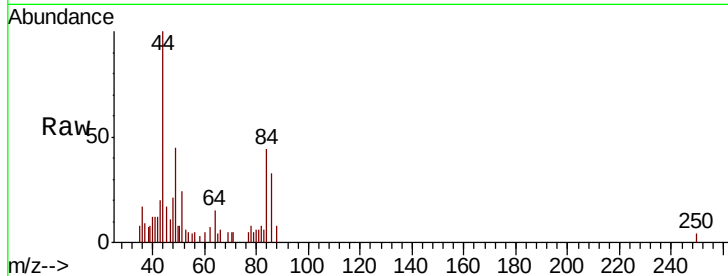




#20
Methylene Chloride
Concen: Below Cal
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX005099.D
Acq: 06 Oct 2018 06:52

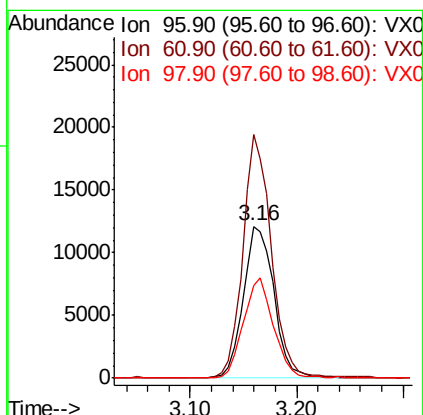
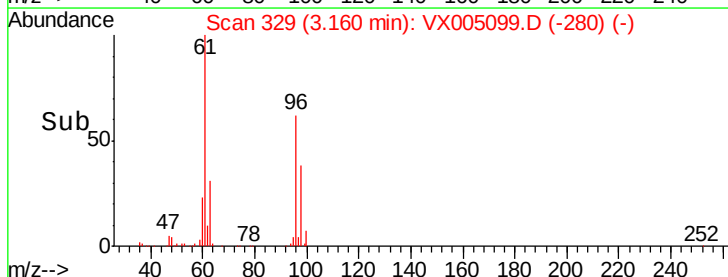
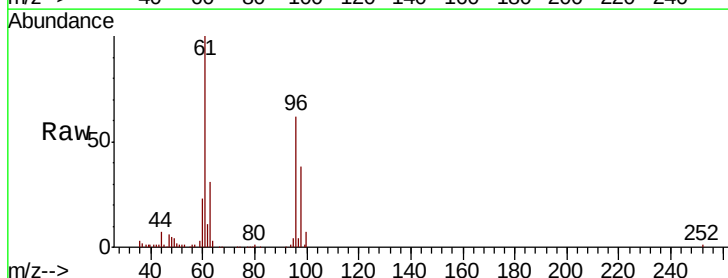
Instrument :
MSVOA_X
ClientSampleId :

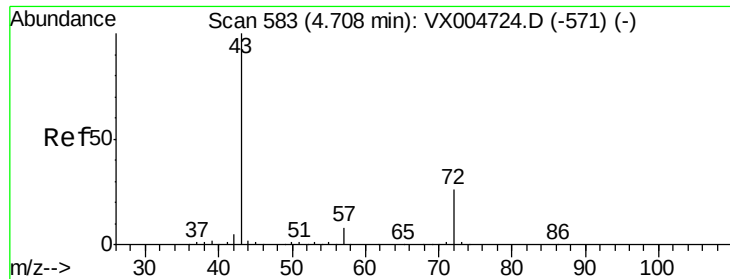
Tot Ion:	84	Resp:	1220
Ion	Ratio	Lower	Upper
84	100		
49	91.9	92.3	138.5#
51	41.7	31.8	47.6
86	75.4	48.5	72.7#



#21
trans-1,2-Dichloroethene
Concen: 8.805 ug/l
RT: 3.16 min Scan# 329
Delta R.T. -0.00 min
Lab File: VX005099.D
Acq: 06 Oct 2018 06:52

Tgt Ion:	96	Resp:	24404
Ion	Ratio	Lower	Upper
96	100		
61	160.7	101.0	151.6#
98	61.3	47.2	70.8





#25

2-Butanone

Concen: 2.911 ug/l

RT: 4.71 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX005099.D

Acq: 06 Oct 2018 06:52

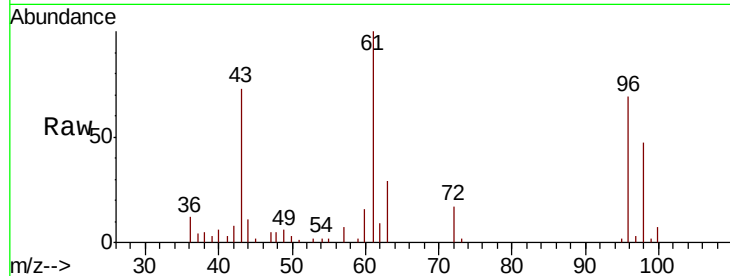
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 8363

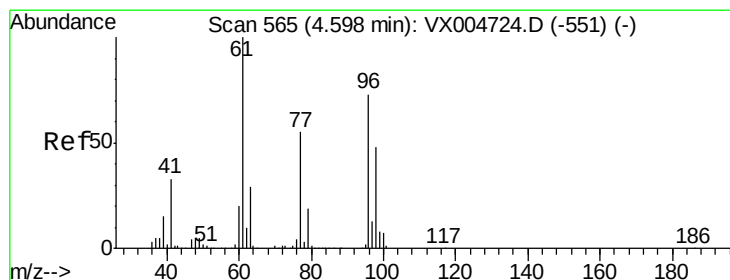
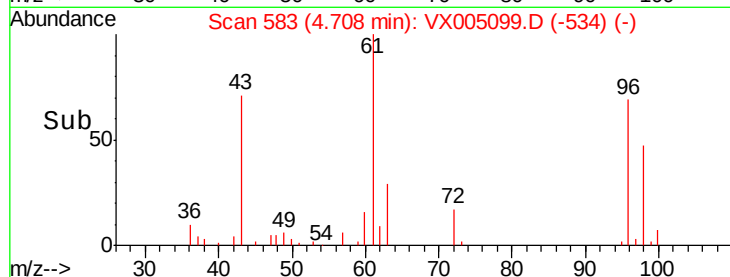
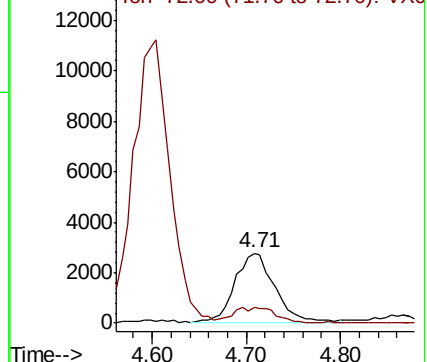
Ion Ratio Lower Upper

43 100

72 22.6 20.8 31.2



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



#27

cis-1,2-Dichloroethene

Concen: 1304.177 ug/l

RT: 4.60 min Scan# 566

Delta R.T. 0.01 min

Lab File: VX005099.D

Acq: 06 Oct 2018 06:52

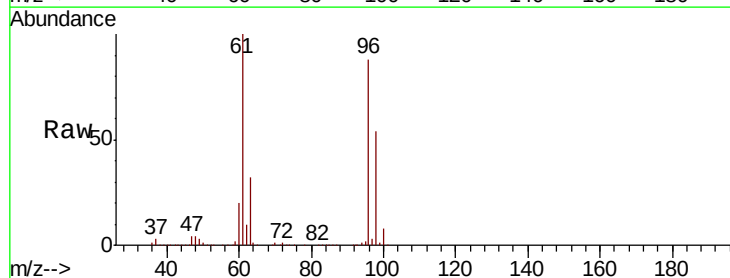
Tgt Ion: 96 Resp: 4038070

Ion Ratio Lower Upper

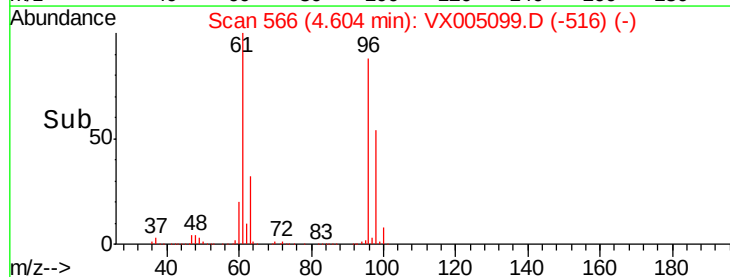
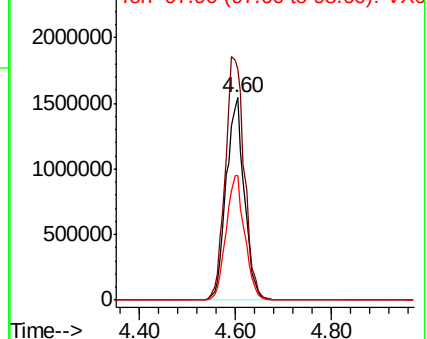
96 100

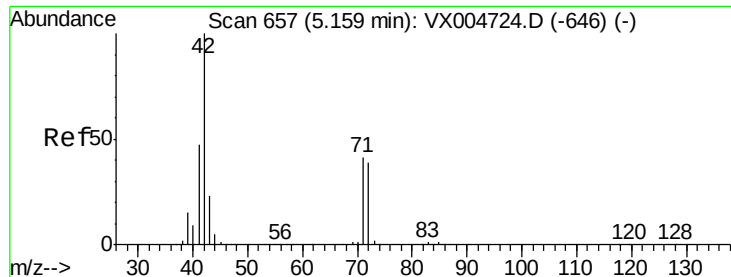
61 127.0 0.0 285.8

98 63.3 0.0 136.2



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#29

Tetrahydrofuran

Concen: 7.276 ug/l

RT: 5.17 min Scan# 658

Delta R.T. 0.01 min

Lab File: VX005099.D

Acq: 06 Oct 2018 06:52

Instrument :

MSVOA_X

ClientSampleId :

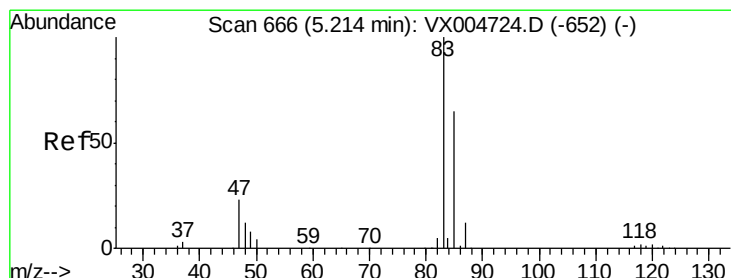
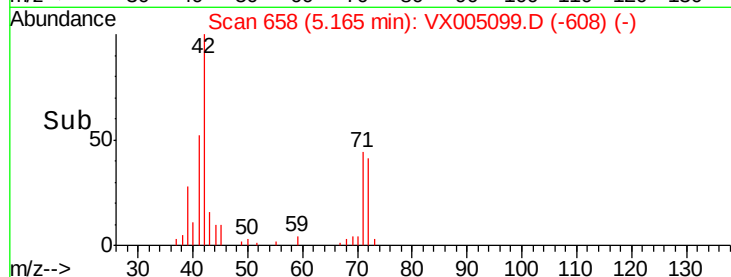
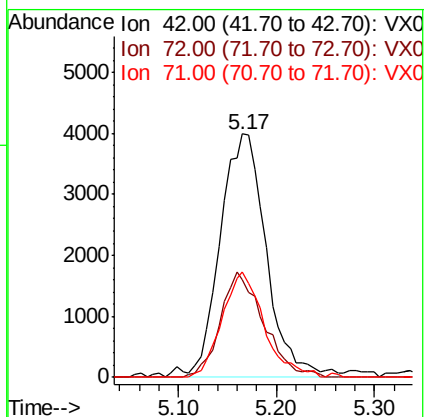
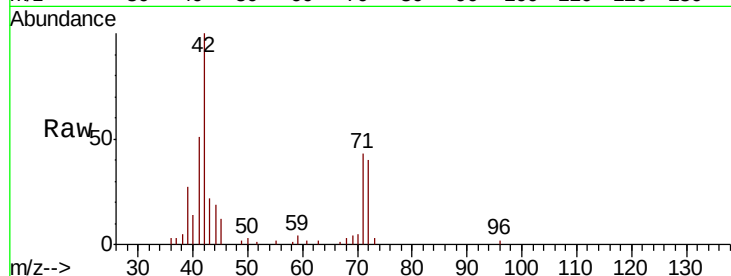
Tot Ion: 42 Resp: 12991

Ion Ratio Lower Upper

42 100

72 40.9 33.7 50.5

71 39.6 32.2 48.4



#30

Chloroform

Concen: 0.223 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX005099.D

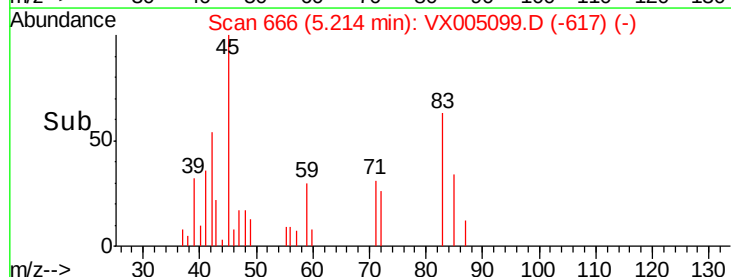
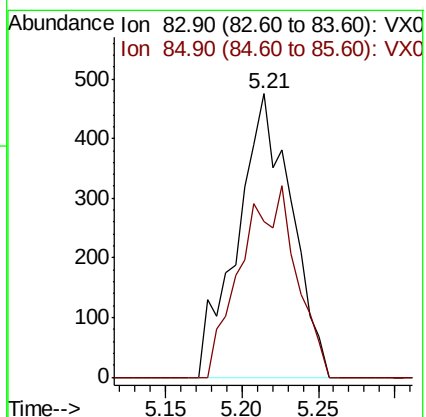
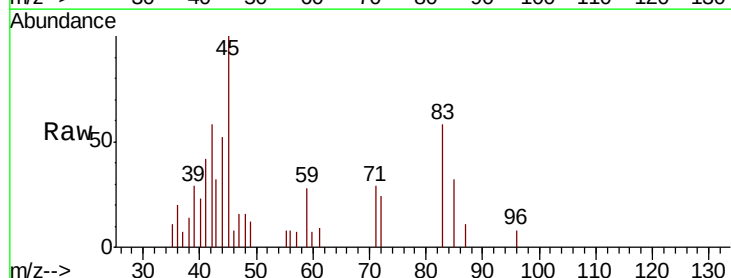
Acq: 06 Oct 2018 06:52

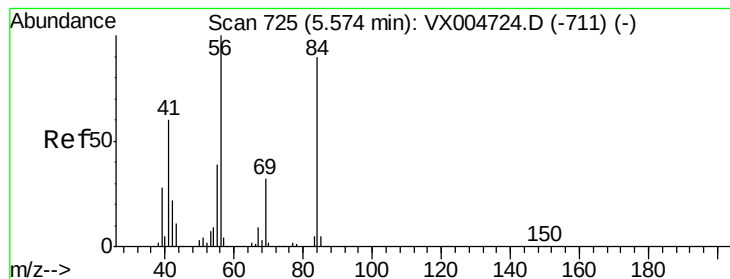
Tgt Ion: 83 Resp: 1167

Ion Ratio Lower Upper

83 100

85 54.7 52.4 78.6





#31

Cyclohexane

Concen: 0.534 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX005099.D

Acq: 06 Oct 2018 06:52

Instrument :

MSVOA_X

ClientSampleId :

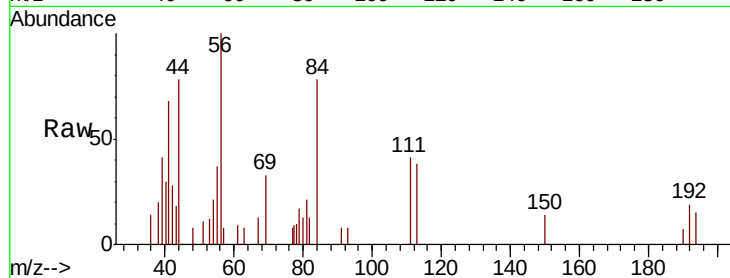
Tot Ion: 56 Resp: 2266

Ion Ratio Lower Upper

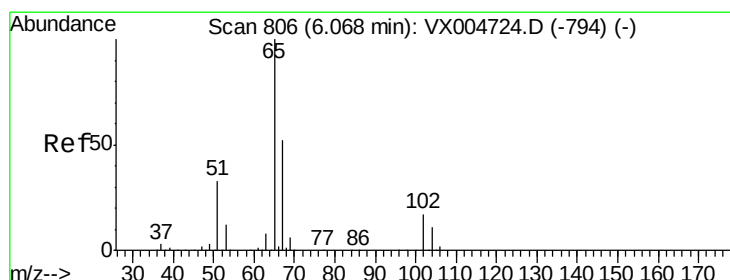
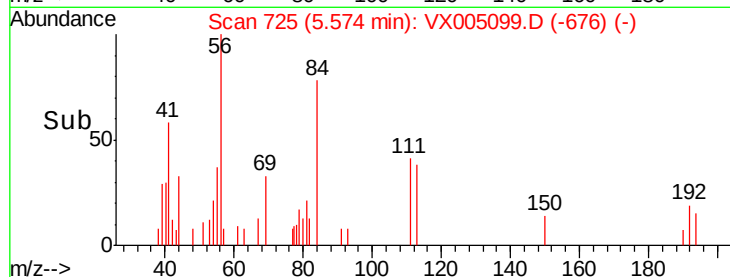
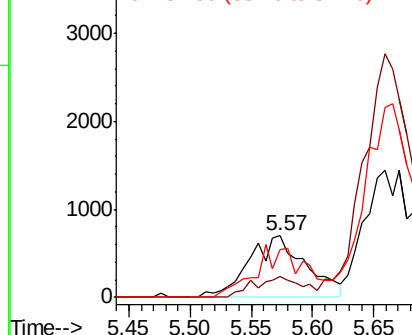
56 100

69 33.5 25.9 38.9

84 78.0 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: 51.930 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX005099.D

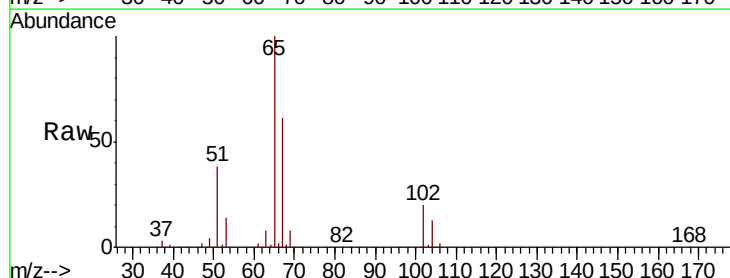
Acq: 06 Oct 2018 06:52

Tgt Ion: 65 Resp: 173342

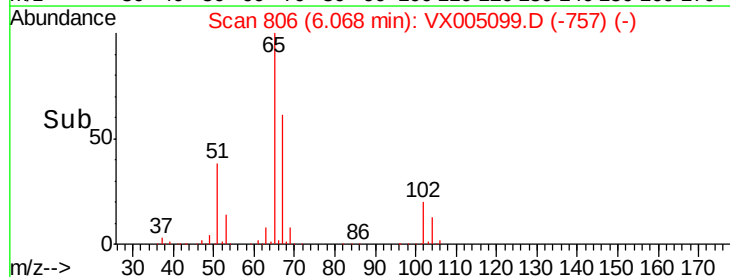
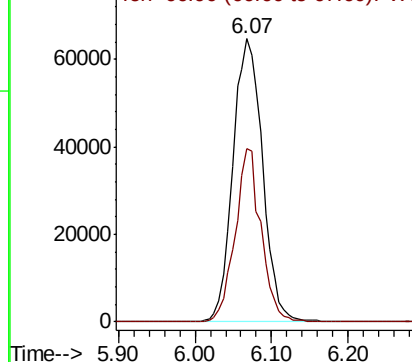
Ion Ratio Lower Upper

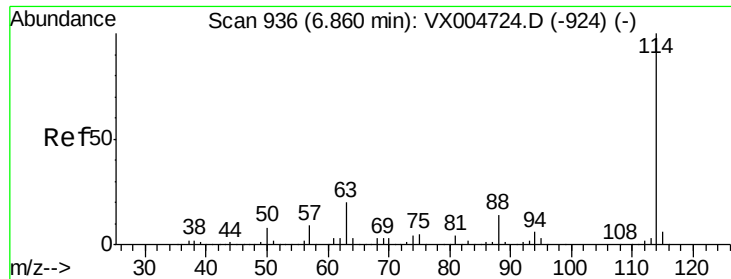
65 100

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

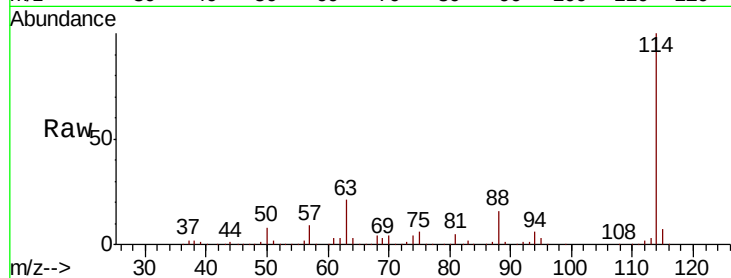




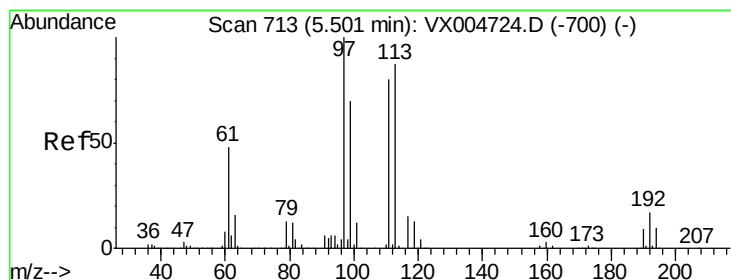
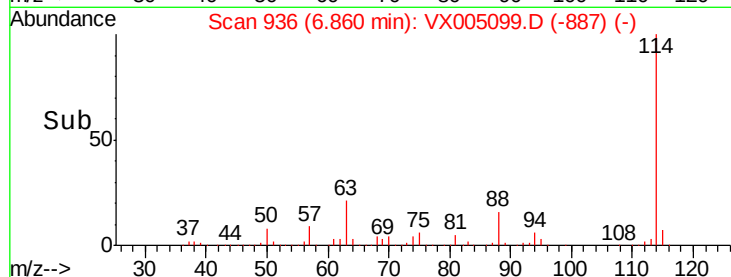
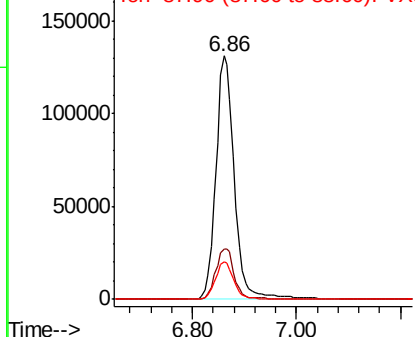
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX005099.D
Acq: 06 Oct 2018 06:52

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:114 Resp: 328248
Ion Ratio Lower Upper
114 100
63 20.7 0.0 39.8
88 15.5 0.0 27.0

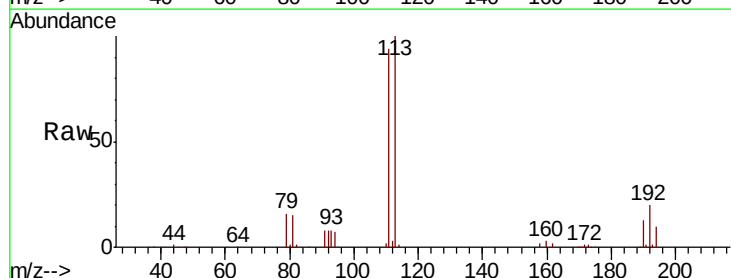


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

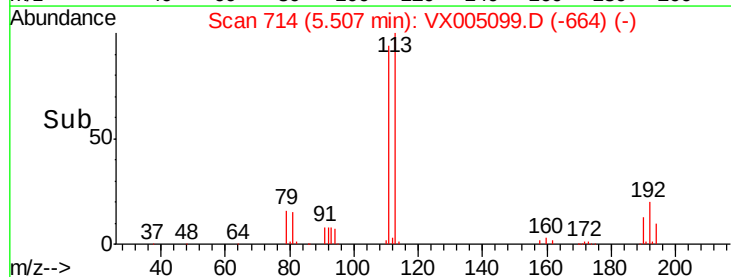
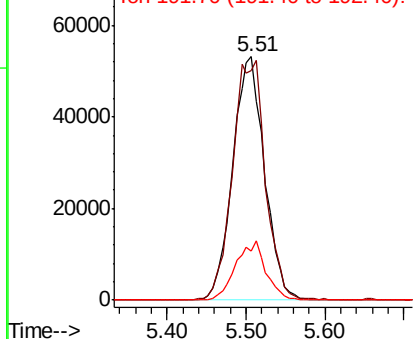


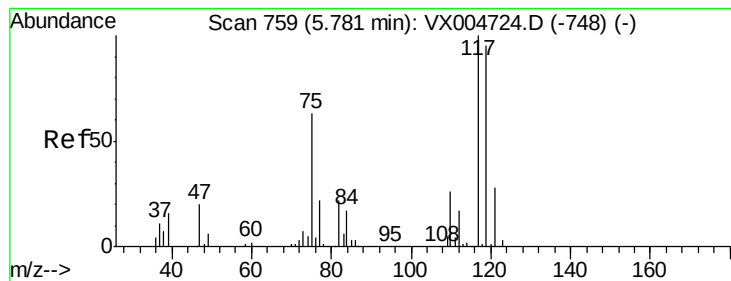
#35
Dibromofluoromethane
Concen: 53.634 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX005099.D
Acq: 06 Oct 2018 06:52

Tgt Ion:113 Resp: 149207
Ion Ratio Lower Upper
113 100
111 101.8 77.0 115.4
192 23.0 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





#38

Carbon Tetrachloride

Concen: 5.339 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX005099.D

Acq: 06 Oct 2018 06:52

Instrument :

MSVOA_X

ClientSampled :

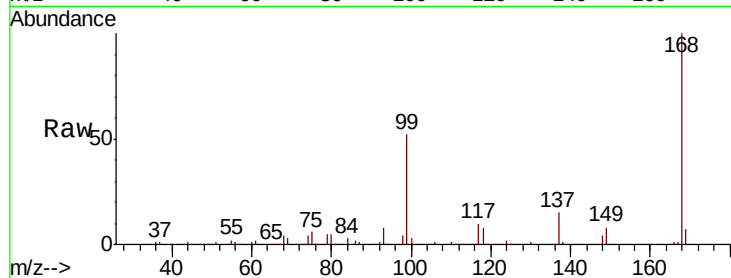
Tot Ion:117 Resp: 21300

Ion Ratio Lower Upper

117 100

119 4.3 75.2 112.8#

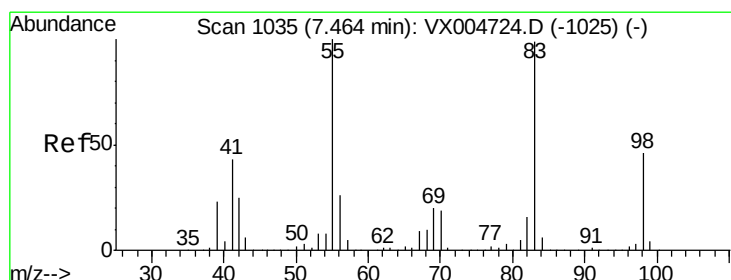
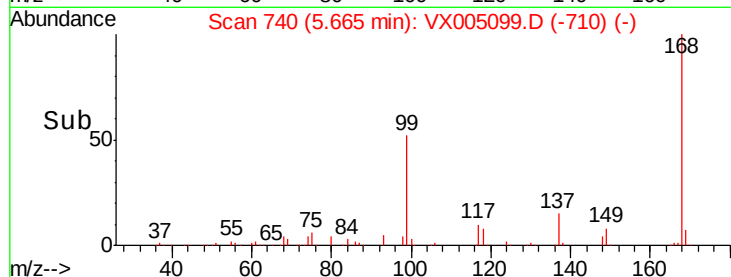
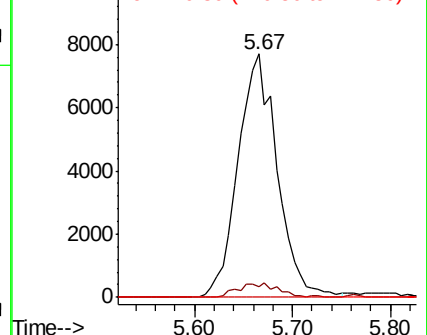
121 0.0 22.5 33.7#



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



#39

Methylcyclohexane

Concen: 0.860 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. -0.00 min

Lab File: VX005099.D

Acq: 06 Oct 2018 06:52

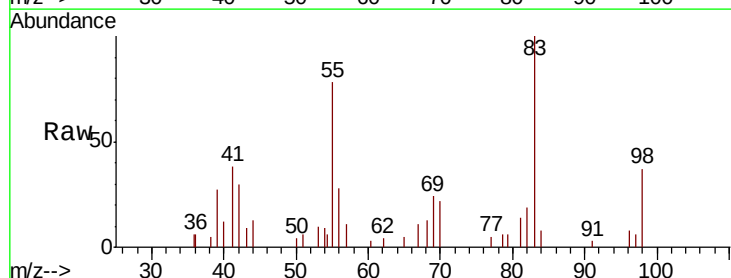
Tgt Ion: 83 Resp: 3332

Ion Ratio Lower Upper

83 100

55 78.0 81.1 121.7#

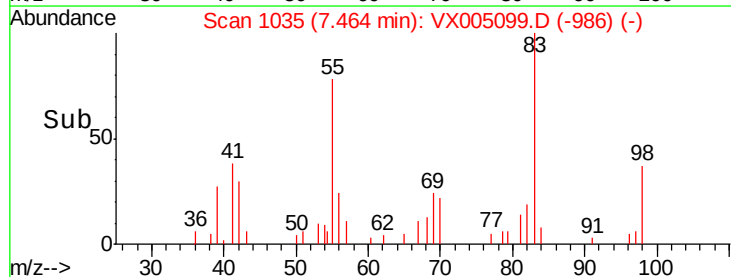
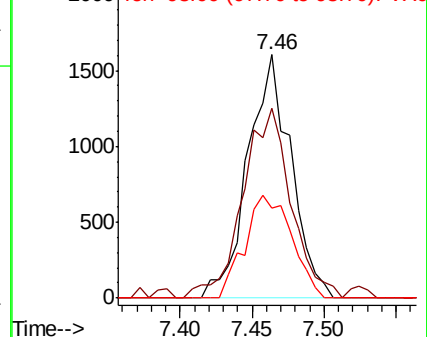
98 37.2 37.3 55.9#

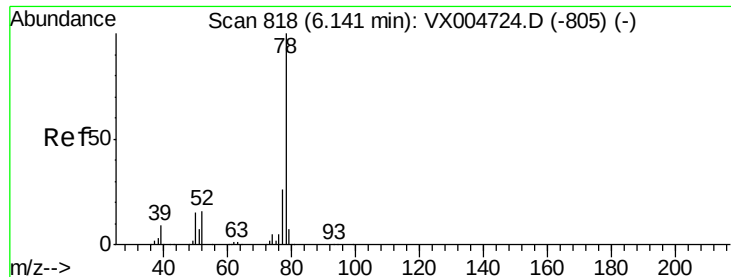


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 9.171 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX005099.D

Acq: 06 Oct 2018 06:52

Instrument :

MSVOA_X

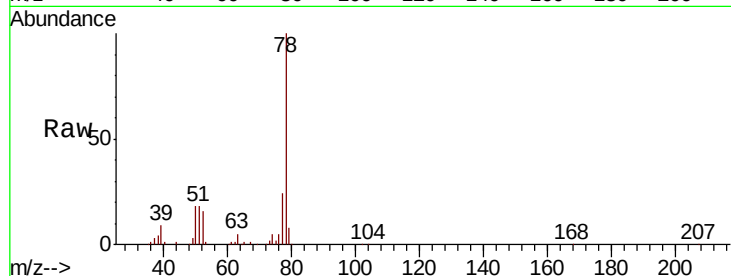
ClientSampleId :

Tot Ion: 78 Resp: 108976

Ion Ratio Lower Upper

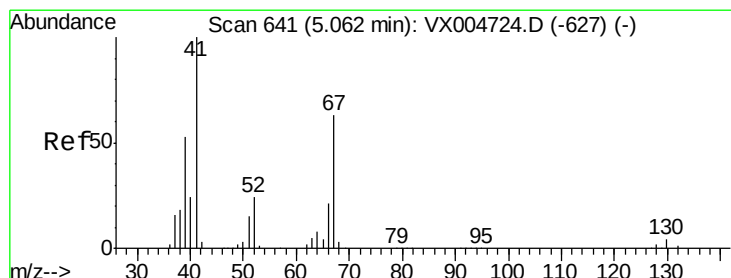
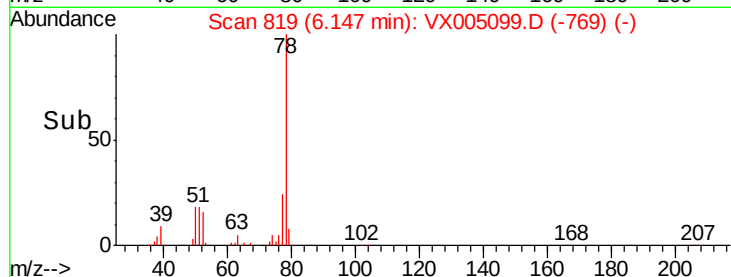
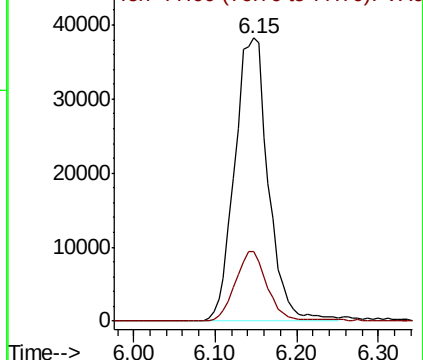
78 100

77 24.5 21.0 31.4



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#41

Methacrylonitrile

Concen: 2.959 ug/l

RT: 5.17 min Scan# 659

Delta R.T. 0.11 min

Lab File: VX005099.D

Acq: 06 Oct 2018 06:52

Tgt Ion: 41 Resp: 8269

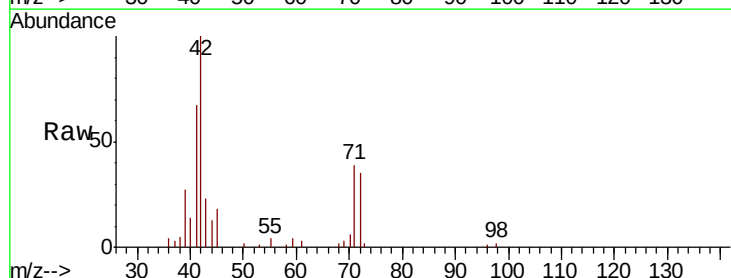
Ion Ratio Lower Upper

41 100

39 44.1 42.5 63.7

67 0.3 53.0 79.6#

52 0.0 19.8 29.8#

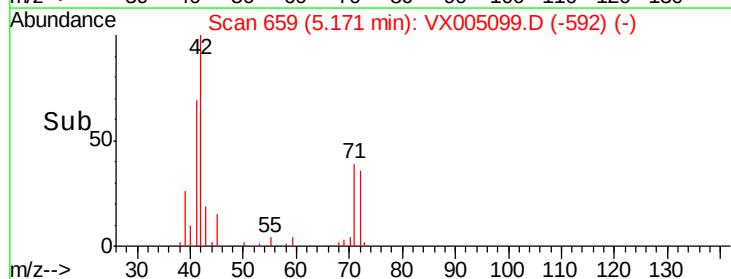
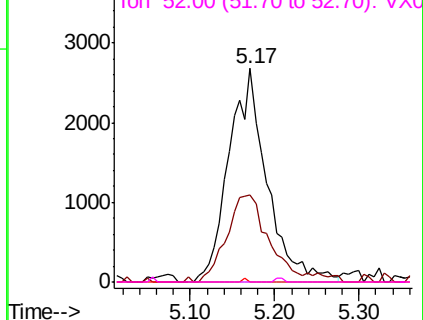


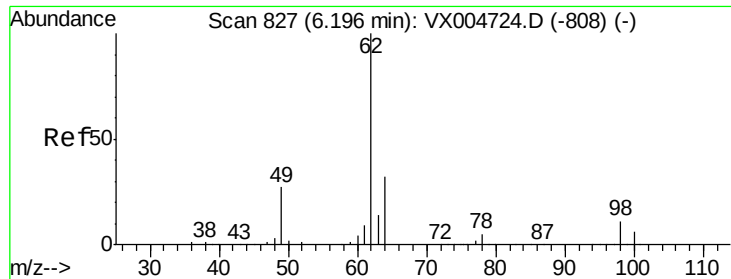
Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

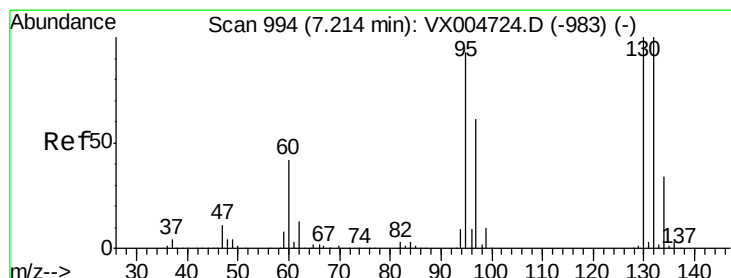
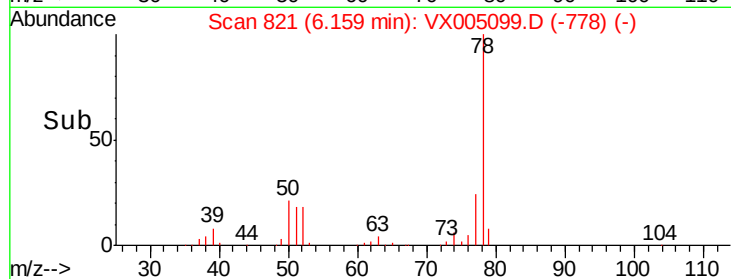
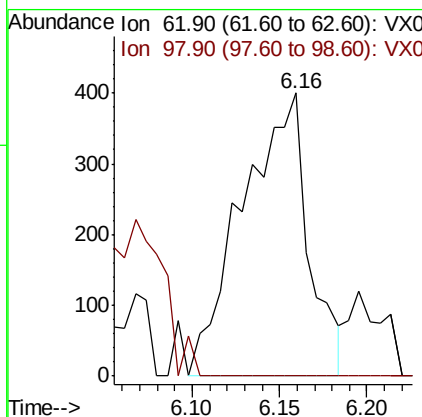
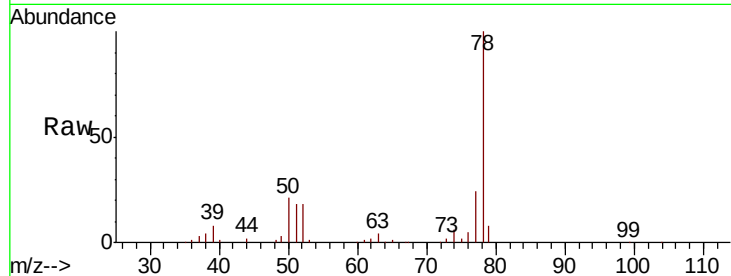




#42
 1,2-Dichloroethane
 Concen: 0.250 ug/l
 RT: 6.16 min Scan# 821
 Delta R.T. -0.04 min
 Lab File: VX005099.D
 Acq: 06 Oct 2018 06:52

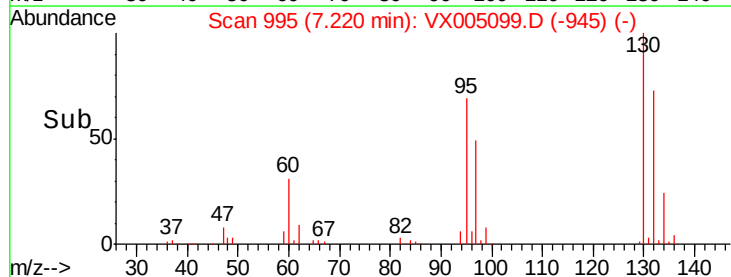
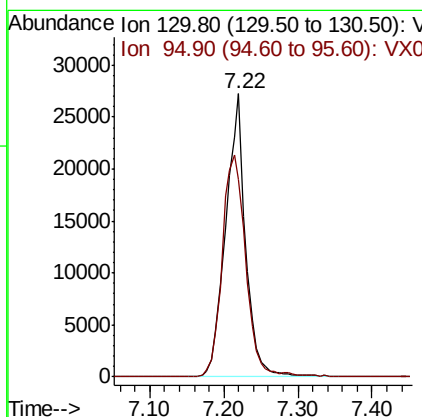
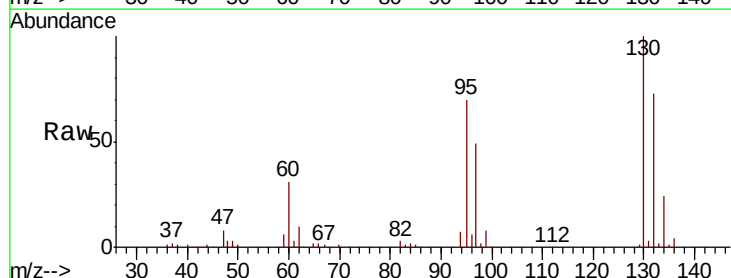
Instrument :
 MSVOA_X
 ClientSampleId :

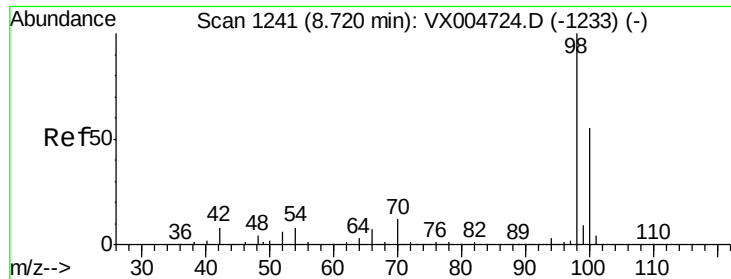
Tot Ion: 62 Resp: 1052
 Ion Ratio Lower Upper
 62 100
 98 0.0 0.0 20.2



#44
 Trichloroethene
 Concen: 17.466 ug/l
 RT: 7.22 min Scan# 995
 Delta R.T. 0.01 min
 Lab File: VX005099.D
 Acq: 06 Oct 2018 06:52

Tgt Ion:130 Resp: 51020
 Ion Ratio Lower Upper
 130 100
 95 69.6 0.0 186.8

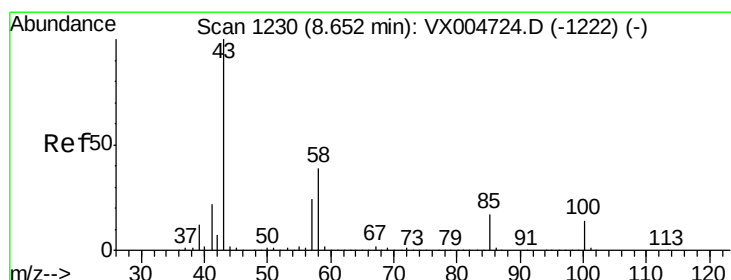
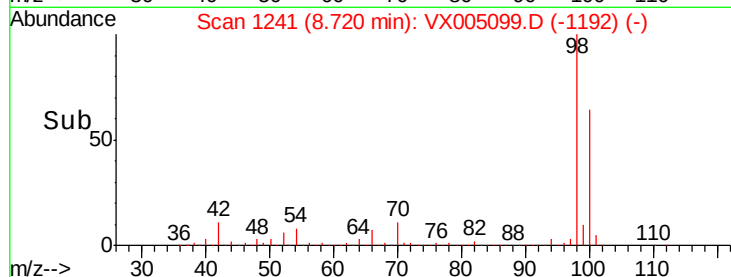
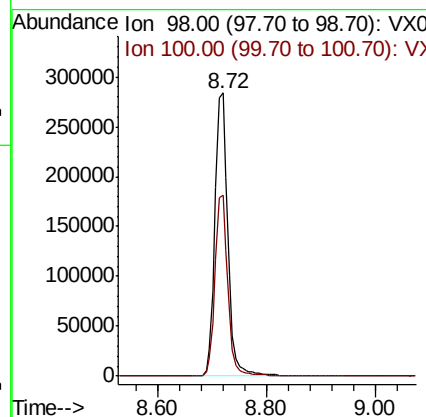
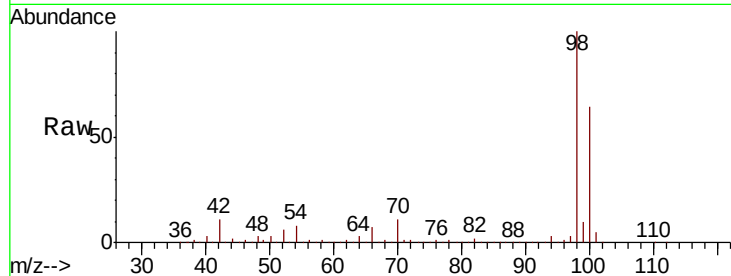




#50
Toluene-d8
Concen: 50.744 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX005099.D
Acq: 06 Oct 2018 06:52

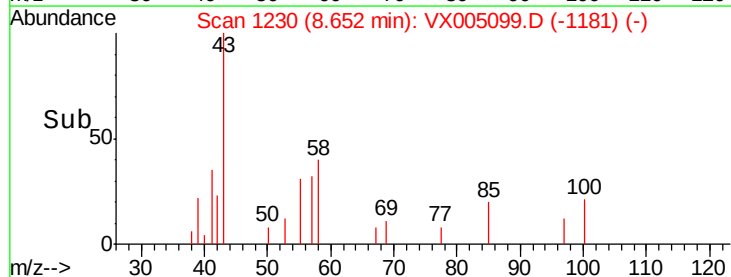
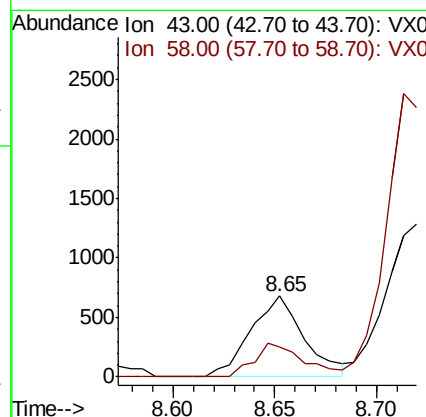
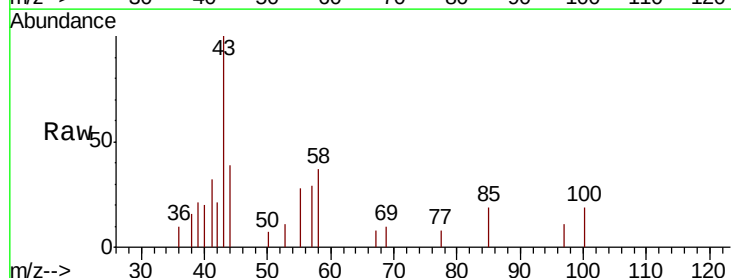
Instrument :
MSVOA_X
ClientSampleId :

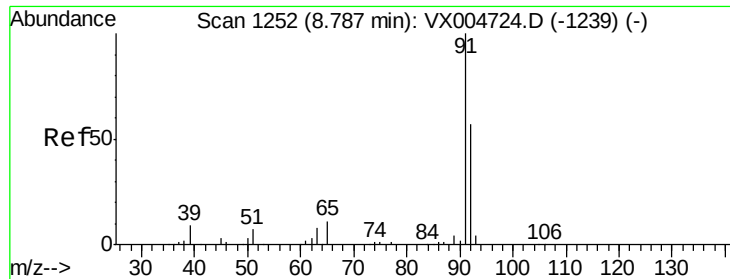
Tot Ion: 98 Resp: 469312
Ion Ratio Lower Upper
98 100
100 63.2 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.271 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. -0.00 min
Lab File: VX005099.D
Acq: 06 Oct 2018 06:52

Tgt Ion: 43 Resp: 1242
Ion Ratio Lower Upper
43 100
58 39.2 30.5 45.7





#52

Toluene

Concen: 0.962 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005099.D

Acq: 06 Oct 2018 06:52

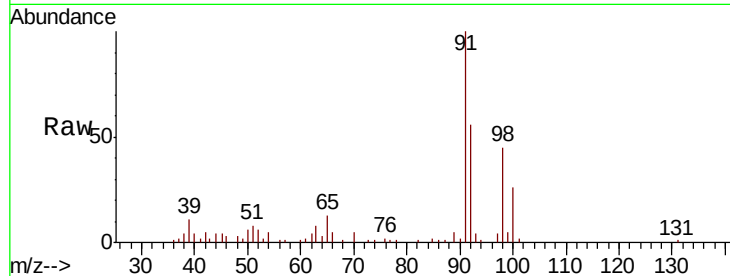
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 92 Resp: 6279

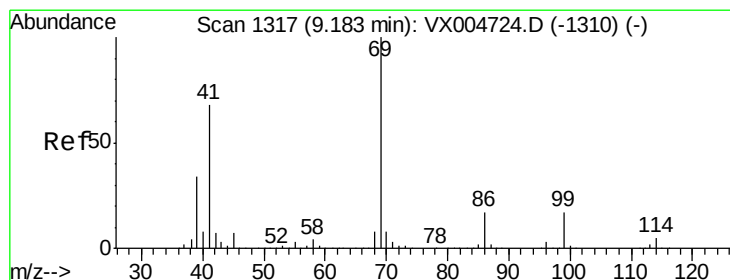
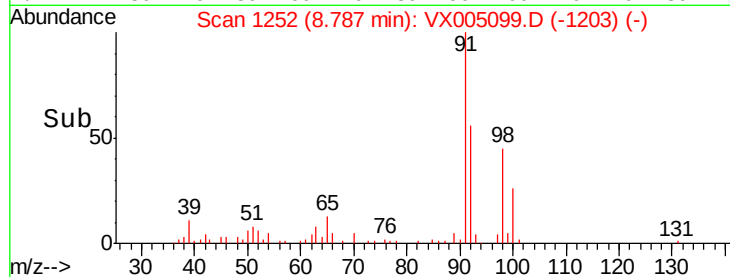
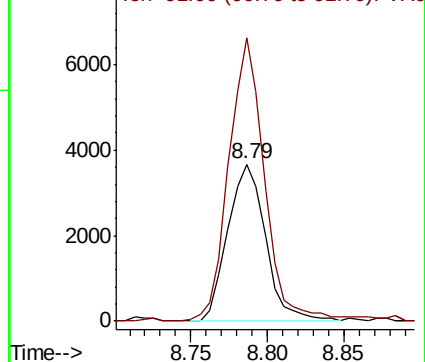
Ion Ratio Lower Upper

92 100

91 173.4 136.7 205.1



Abundance Ion 92.00 (91.70 to 92.70): VX0
Ion 91.00 (90.70 to 91.70): VX0



#56

Ethyl methacrylate

Concen: 2.871 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VX005099.D

Acq: 06 Oct 2018 06:52

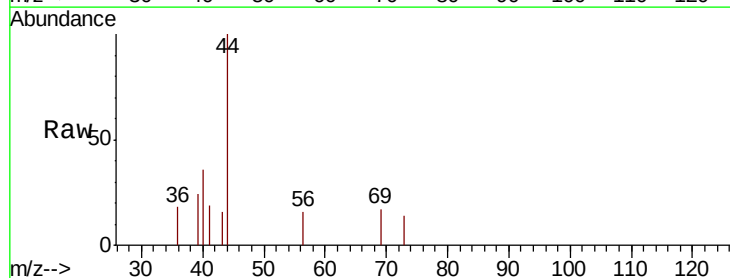
Tgt Ion: 69 Resp: 45

Ion Ratio Lower Upper

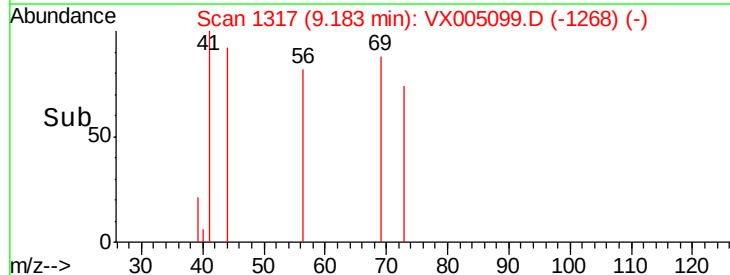
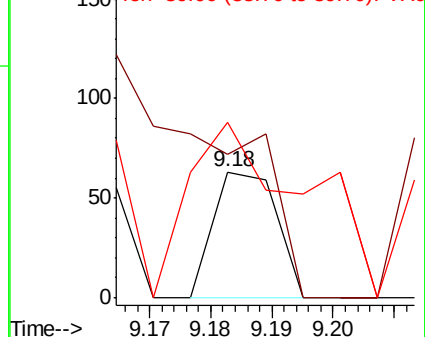
69 100

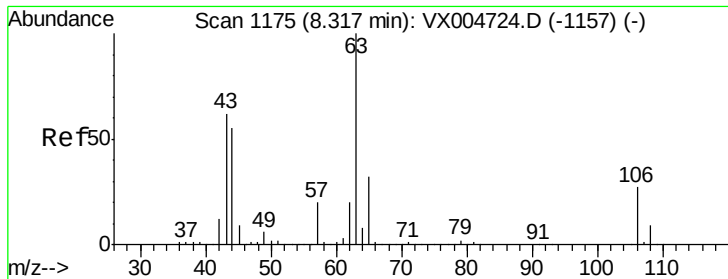
41 0.0 56.9 85.3#

39 260.0 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: 14.249 ug/l

RT: 8.07 min Scan# 1135

Delta R.T. -0.24 min

Lab File: VX005099.D

Acq: 06 Oct 2018 06:52

Instrument :

MSVOA_X

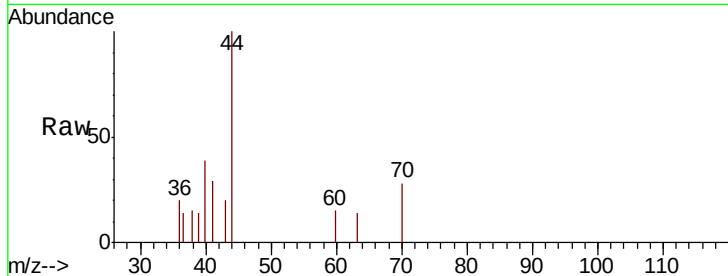
ClientSampleId :

Tot Ion: 63 Resp: 19

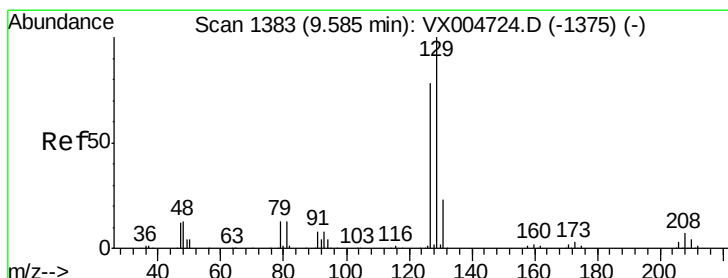
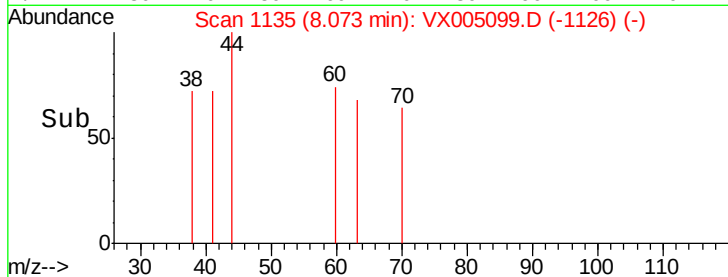
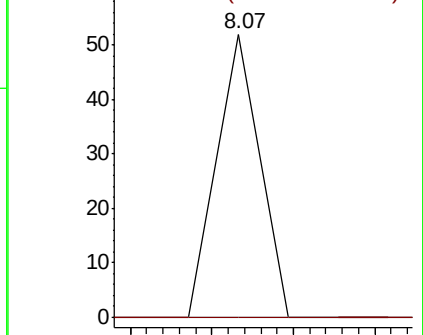
Ion Ratio Lower Upper

63 100

106 0.0 21.0 31.6#



Abundance Ion 62.90 (62.60 to 63.60): VX004724.D (-1157) (-)



#60

Dibromochloromethane

Concen: 37.439 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.25 min

Lab File: VX005099.D

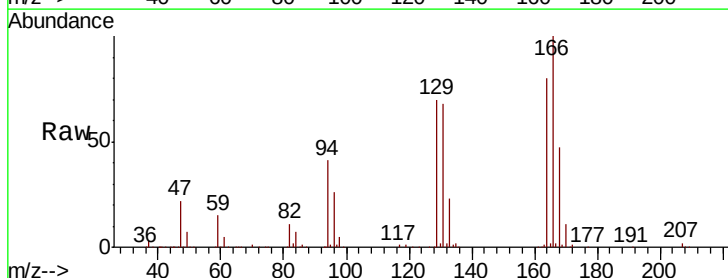
Acq: 06 Oct 2018 06:52

Tgt Ion:129 Resp: 107088

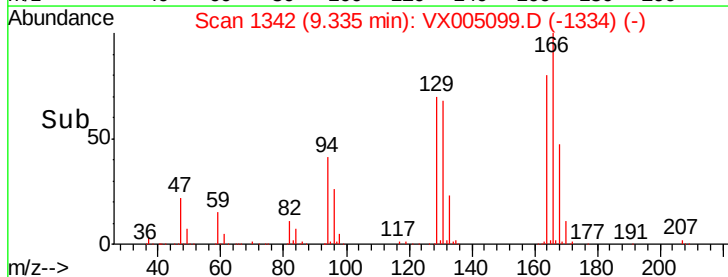
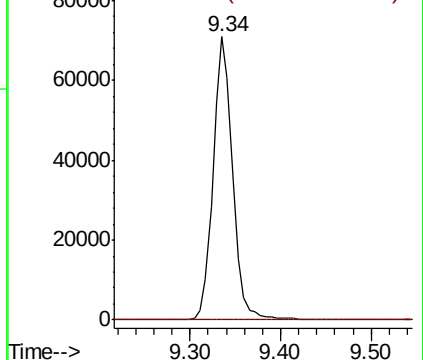
Ion Ratio Lower Upper

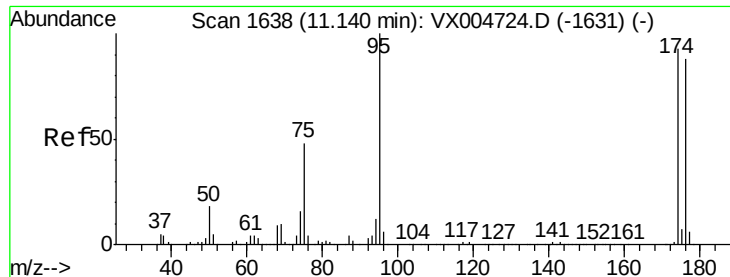
129 100

127 0.1 39.1 117.2#



Abundance Ion 128.80 (128.50 to 129.50): VX004724.D (-1375) (-)





#62

4-Bromofluorobenzene

Concen: 52.306 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005099.D

Acq: 06 Oct 2018 06:52

Instrument :

MSVOA_X

ClientSampleId :

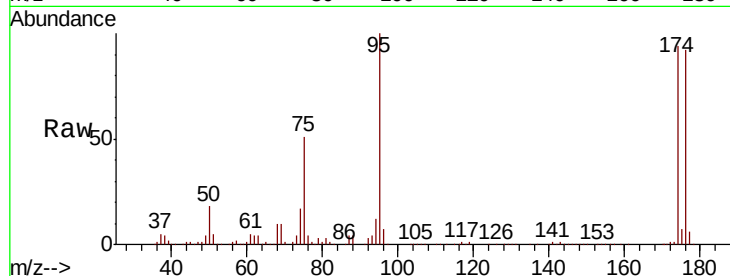
Tot Ion: 95 Resp: 174277

Ion Ratio Lower Upper

95 100

174 92.6 0.0 185.0

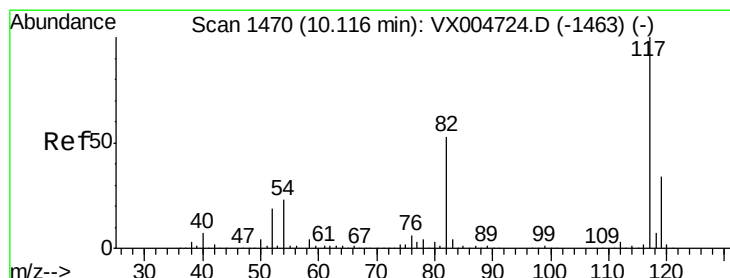
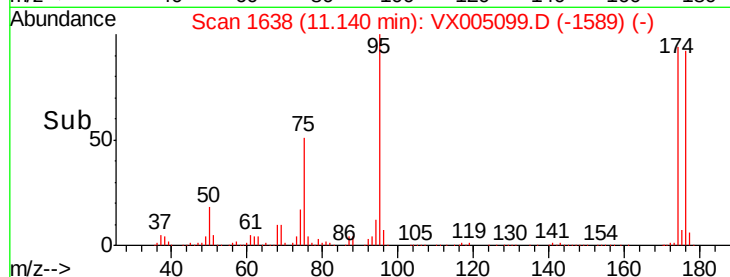
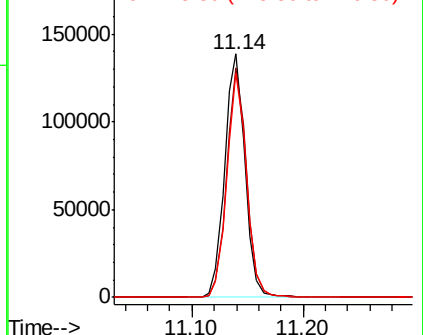
176 89.3 0.0 180.2



Abundance Ion 94.90 (94.60 to 95.60): VX004724.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX004724.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX004724.D (-1631) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX005099.D

Acq: 06 Oct 2018 06:52

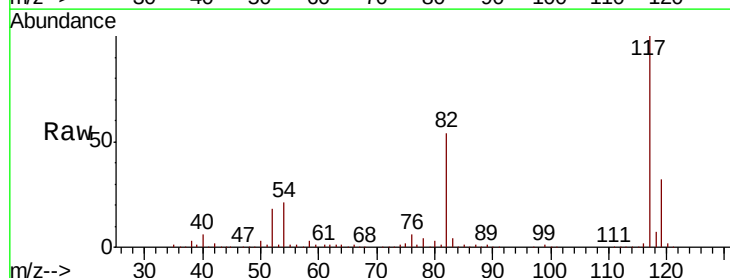
Tgt Ion: 117 Resp: 318673

Ion Ratio Lower Upper

117 100

82 54.2 42.2 63.4

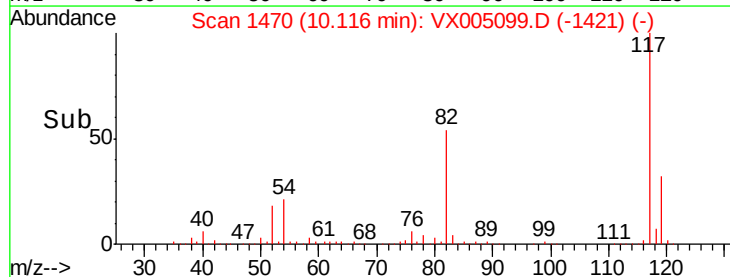
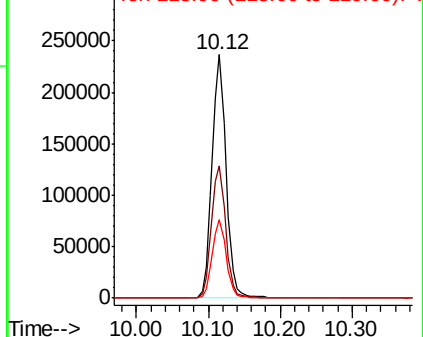
119 32.2 27.4 41.0

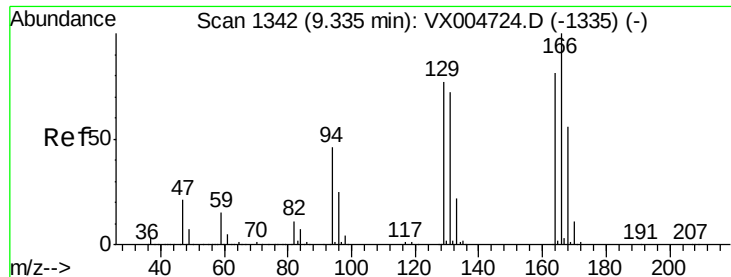


Abundance Ion 116.90 (116.60 to 117.60): VX004724.D (-1463) (-)

Ion 82.00 (81.70 to 82.70): VX004724.D (-1463) (-)

Ion 118.90 (118.60 to 119.60): VX004724.D (-1463) (-)

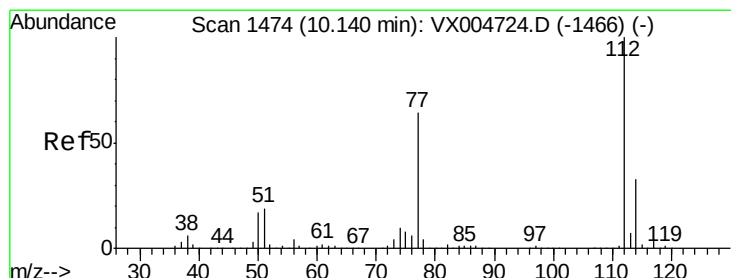
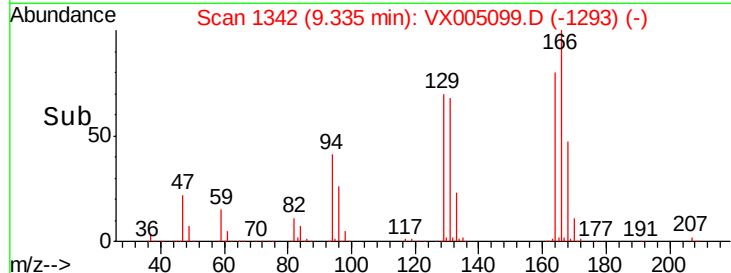
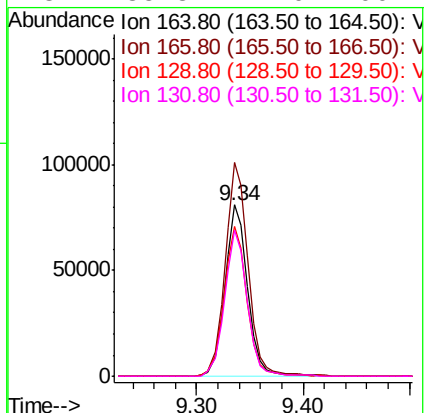
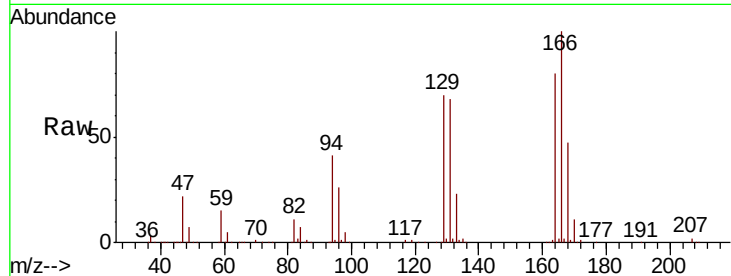




#64
Tetrachloroethene
Concen: 38.456 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005099.D
Acq: 06 Oct 2018 06:52

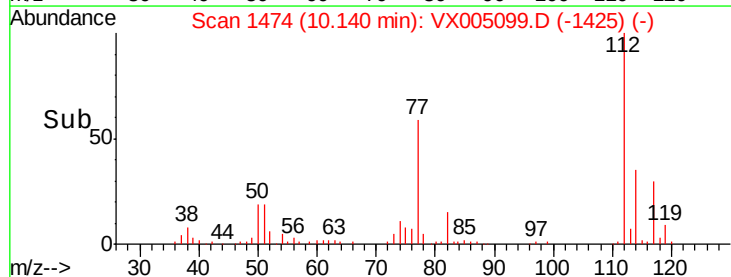
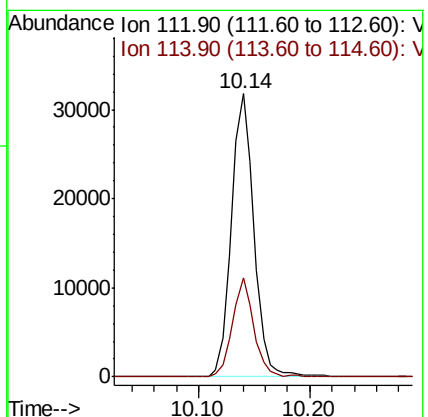
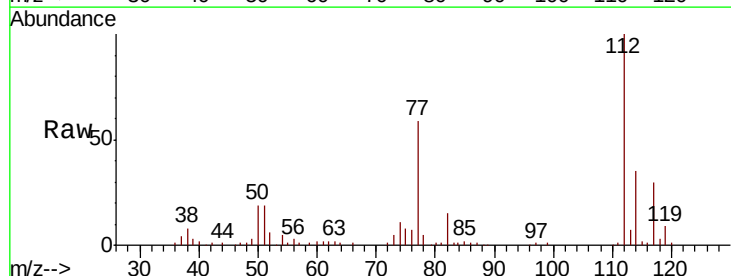
Instrument :
MSVOA_X
ClientSampleId :

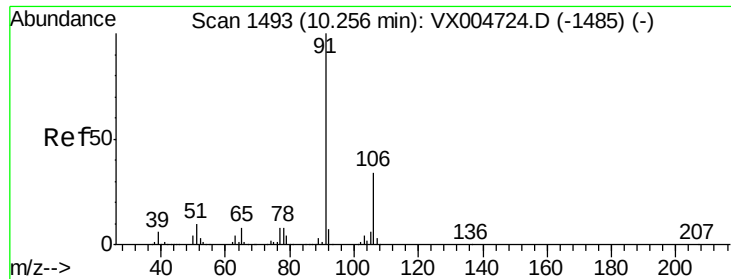
Tot Ion:164 Resp: 120614
Ion Ratio Lower Upper
164 100
166 124.7 98.4 147.6
129 87.6 76.1 114.1
131 85.3 71.0 106.4



#65
Chlorobenzene
Concen: 5.440 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX005099.D
Acq: 06 Oct 2018 06:52

Tgt Ion:112 Resp: 44454
Ion Ratio Lower Upper
112 100
114 34.9 26.7 40.1





#67

Ethyl Benzene

Concen: 1.153 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.01 min

Lab File: VX005099.D

Acq: 06 Oct 2018 06:52

Instrument :

MSVOA_X

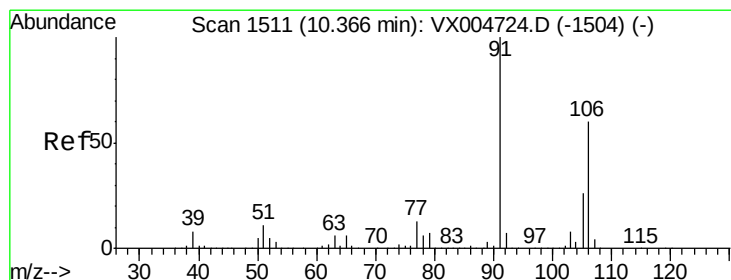
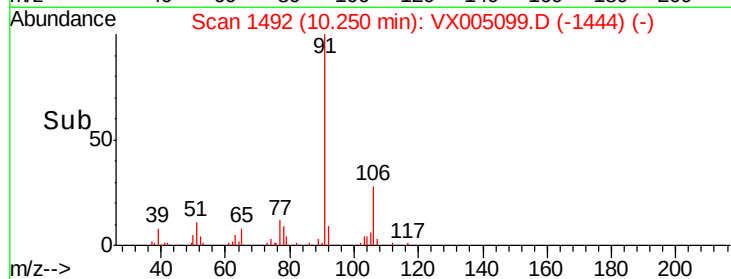
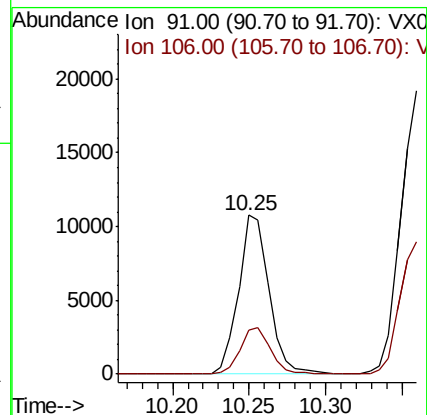
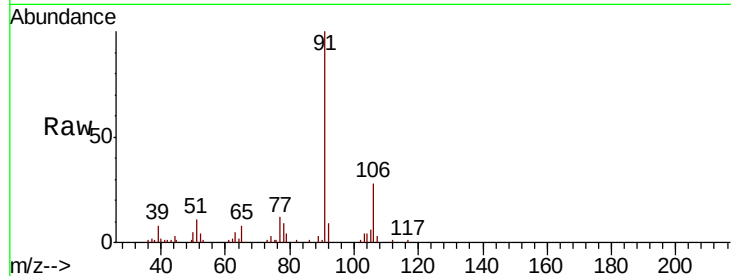
ClientSampleId :

Tot Ion: 91 Resp: 14961

Ion Ratio Lower Upper

91 100

106 28.0 26.9 40.3



#68

m/p-Xylenes

Concen: 2.516 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.01 min

Lab File: VX005099.D

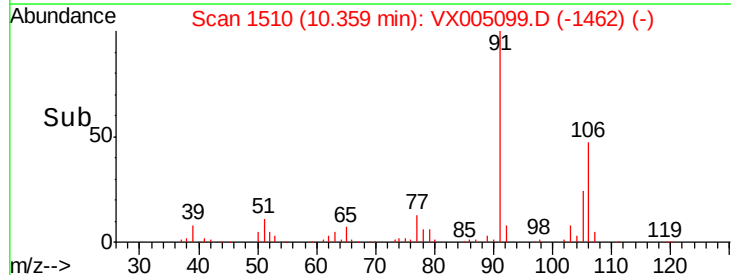
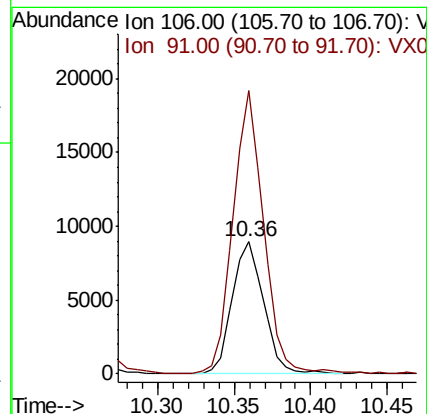
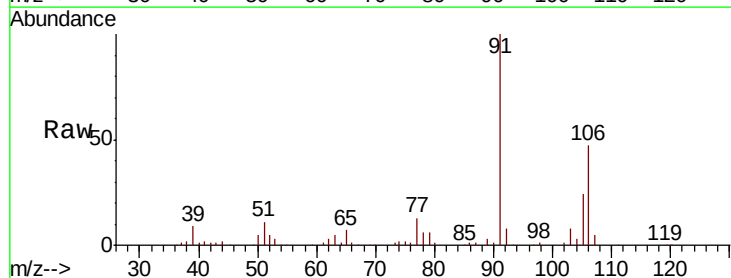
Acq: 06 Oct 2018 06:52

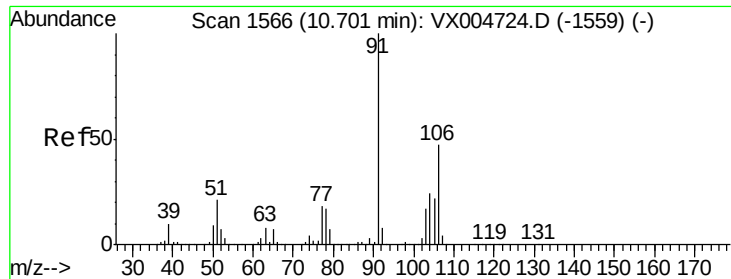
Tgt Ion: 106 Resp: 12757

Ion Ratio Lower Upper

106 100

91 209.0 157.5 236.3

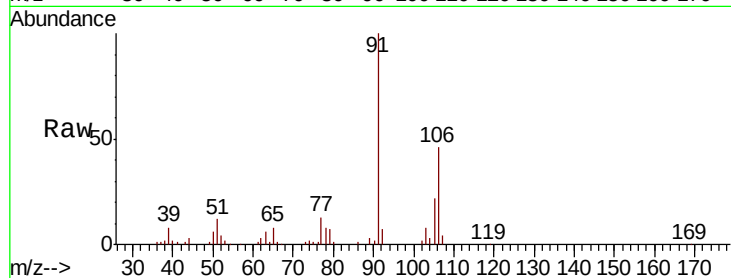




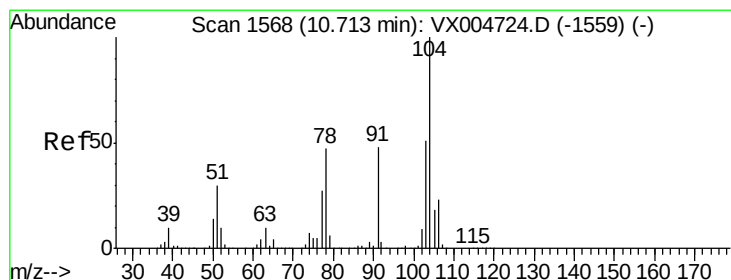
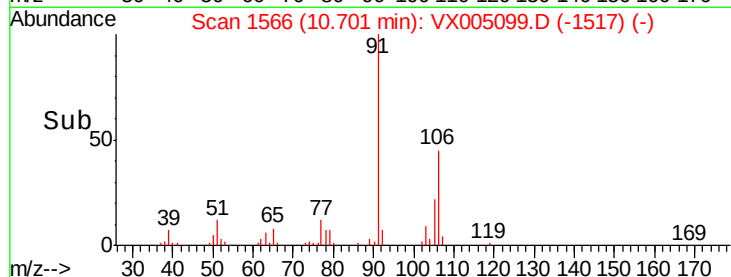
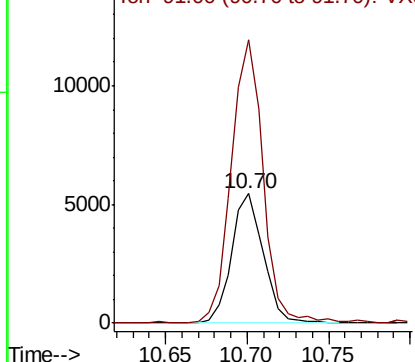
#69
o-Xylene
Concen: 1.580 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005099.D
Acq: 06 Oct 2018 06:52

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 7358
Ion Ratio Lower Upper
106 100
91 220.8 108.3 324.8

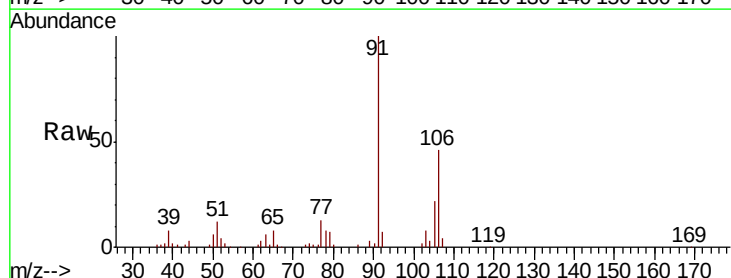


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

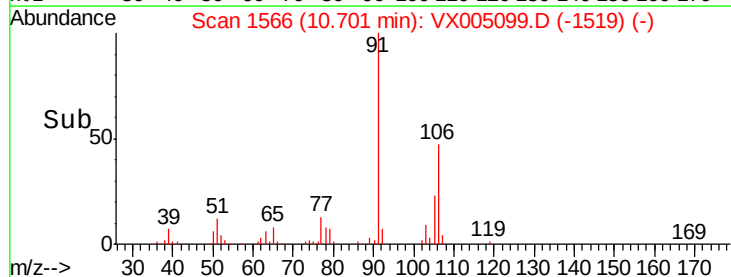
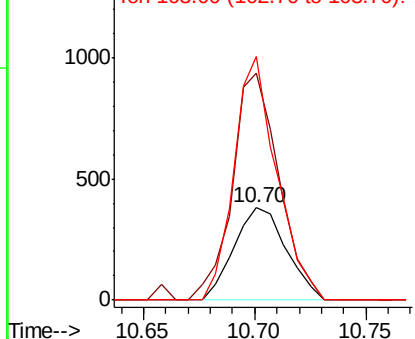


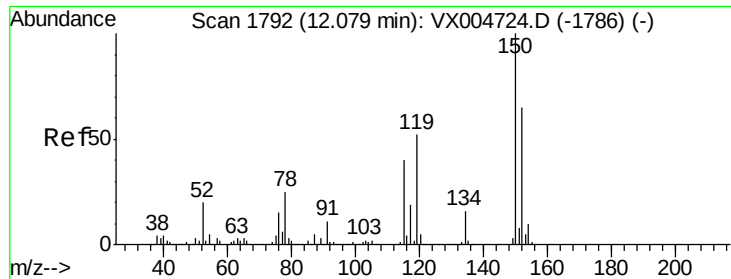
#70
Styrene
Concen: 2.209 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.01 min
Lab File: VX005099.D
Acq: 06 Oct 2018 06:52

Tgt Ion:104 Resp: 625
Ion Ratio Lower Upper
104 100
78 218.4 40.0 60.0#
103 214.9 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



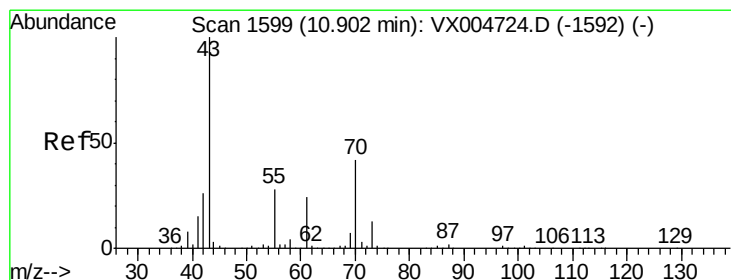
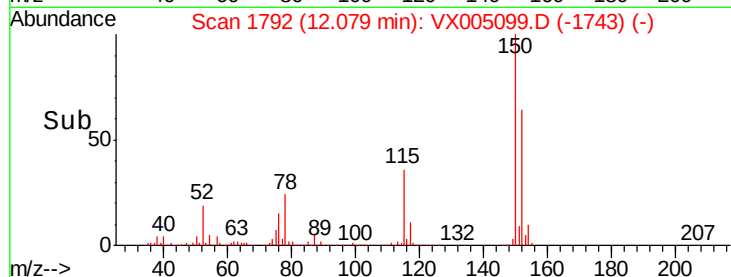
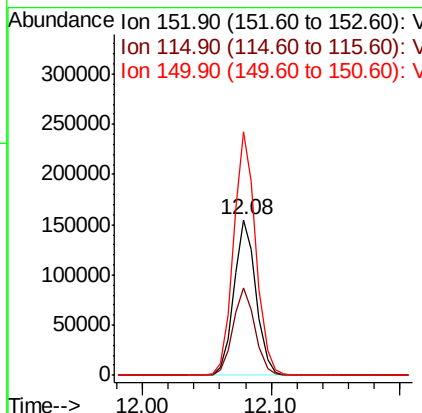
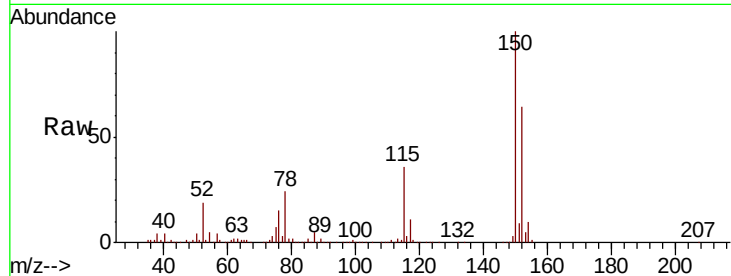


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005099.D
Acq: 06 Oct 2018 06:52

Instrument :
MSVOA_X
ClientSampleId :

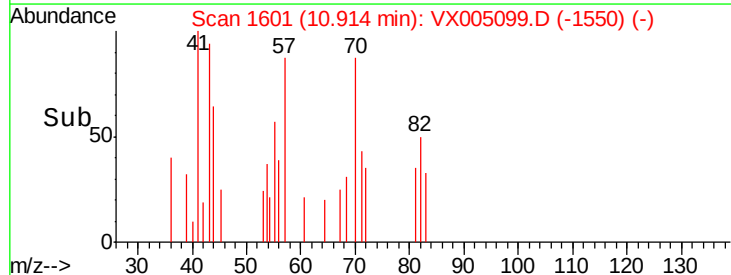
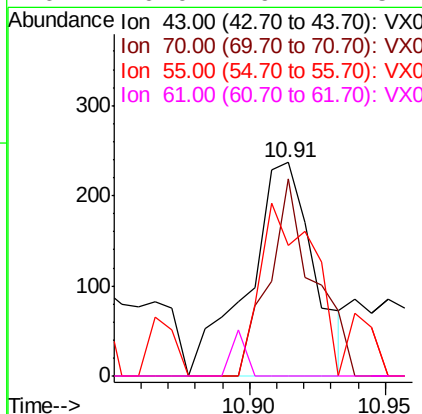
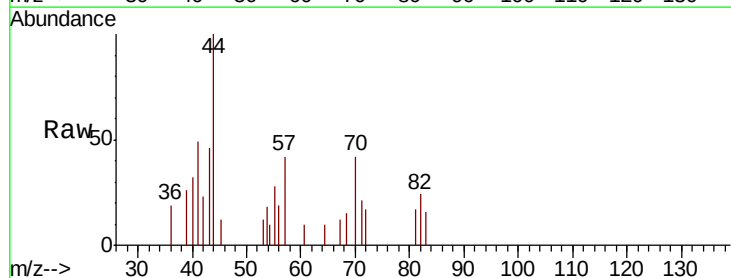
Tot Ion:152 Resp: 185549
Ion Ratio Lower Upper
152 100
115 55.8 40.2 120.6
150 156.8 0.0 351.0

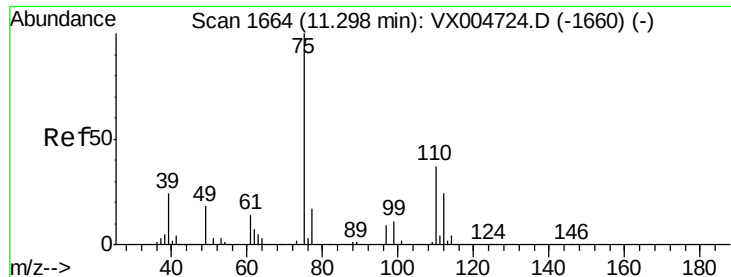


#74

N-ethyl acetate
Concen: 1.807 ug/l
RT: 10.91 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VX005099.D
Acq: 06 Oct 2018 06:52

Tgt Ion: 43 Resp: 395
Ion Ratio Lower Upper
43 100
70 63.5 32.6 48.8#
55 76.5 21.6 32.4#
61 0.0 19.1 28.7#

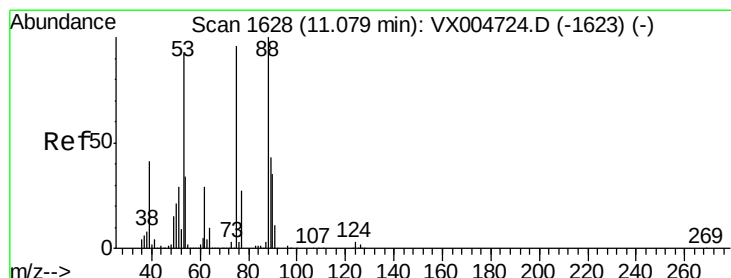
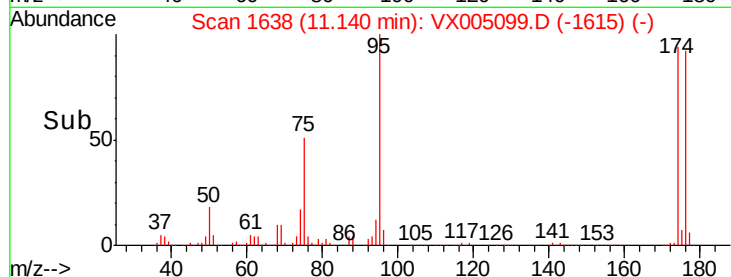
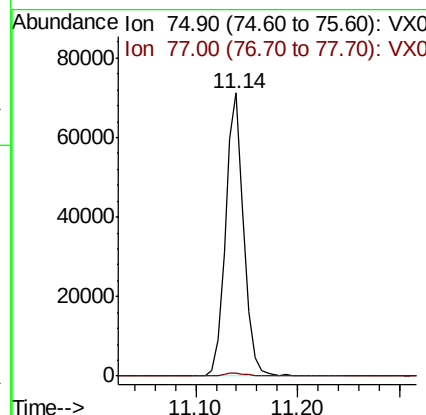
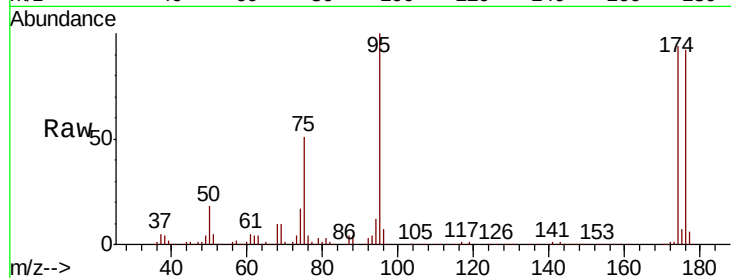




#76
 1,2,3-Trichloropropane
 Concen: 21.088 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. -0.16 min
 Lab File: VX005099.D
 Acq: 06 Oct 2018 06:52

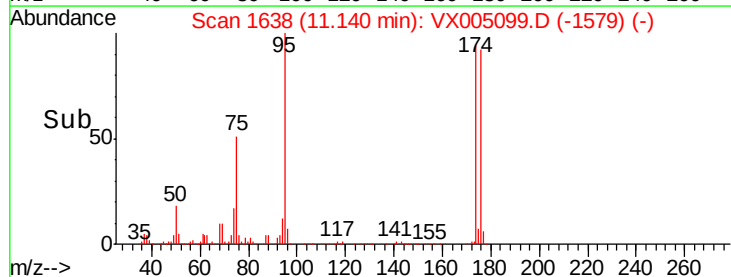
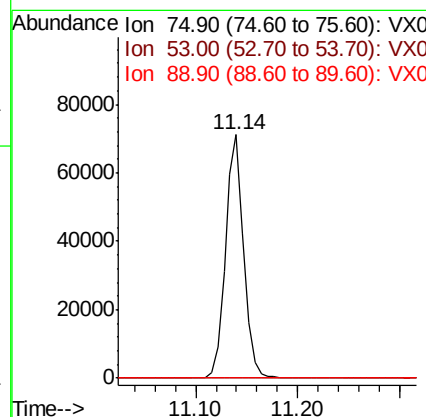
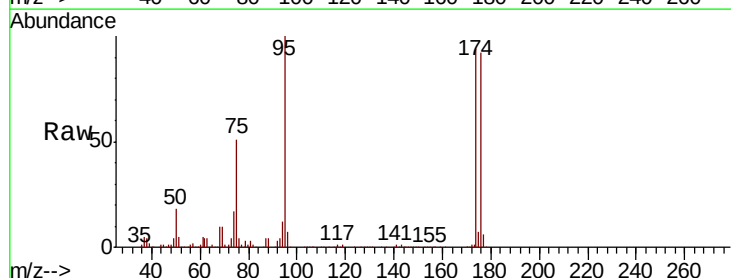
Instrument :
 MSVOA_X
 ClientSampleId :

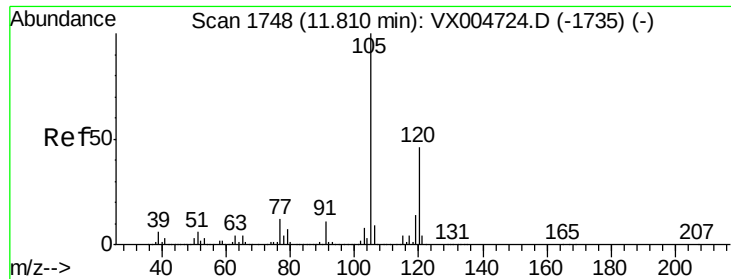
Tot Ion: 75 Resp: 87700
 Ion Ratio Lower Upper
 75 100
 77 1.4 21.4 64.3#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 57.215 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. 0.06 min
 Lab File: VX005099.D
 Acq: 06 Oct 2018 06:52

Tgt Ion: 75 Resp: 87700
 Ion Ratio Lower Upper
 75 100
 53 0.1 80.2 120.4#
 89 0.0 37.1 55.7#

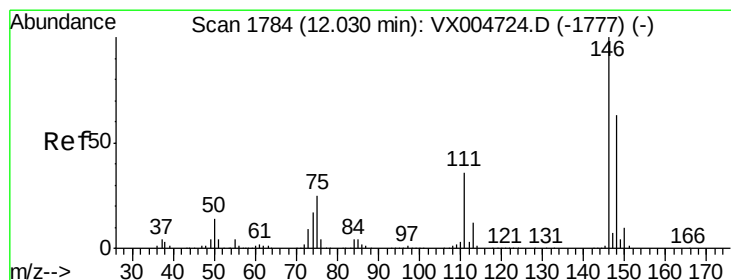
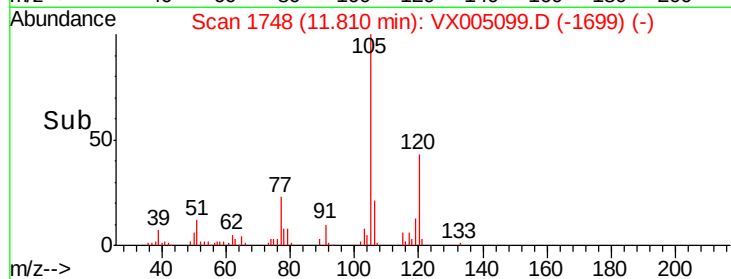
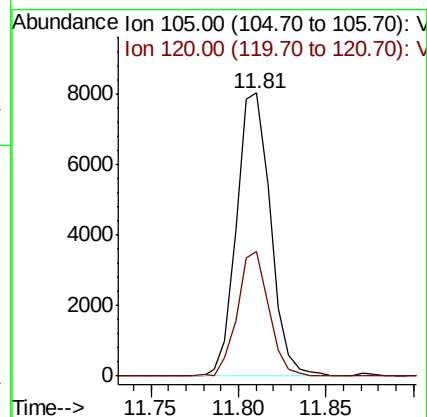
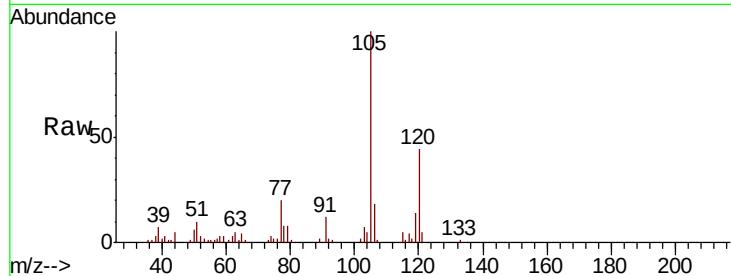




#84
 1,2,4-Trimethylbenzene
 Concen: 0.785 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: VX005099.D
 Acq: 06 Oct 2018 06:52

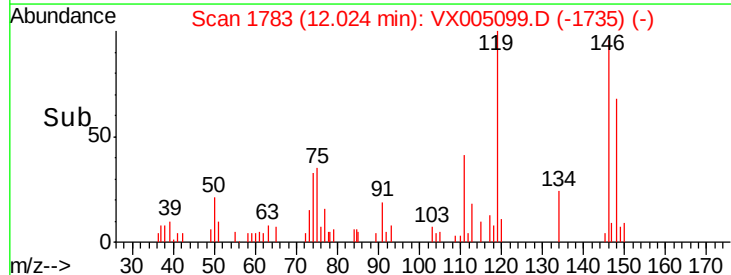
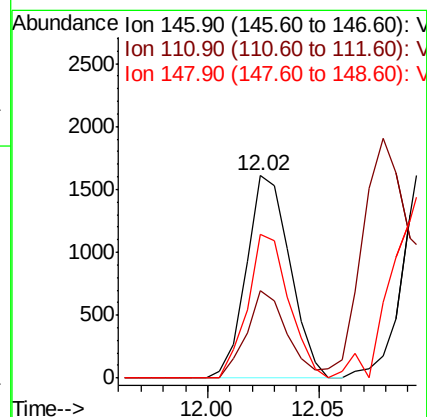
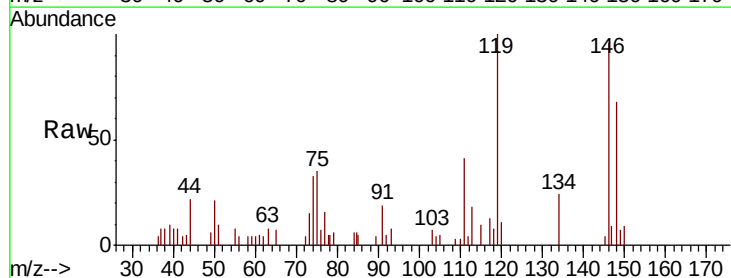
Instrument :
 MSVOA_X
 ClientSampled :

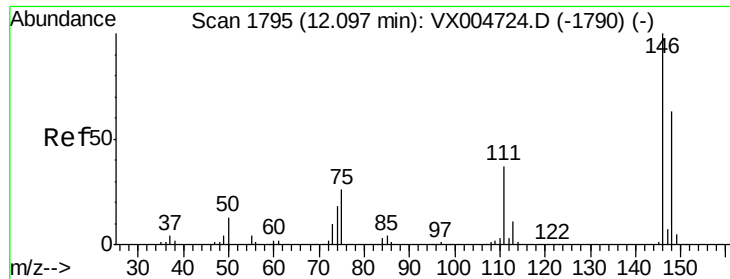
Tot Ion:105 Resp: 10832
 Ion Ratio Lower Upper
 105 100
 120 40.8 22.8 68.3



#87
 1,3-Dichlorobenzene
 Concen: 0.346 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: VX005099.D
 Acq: 06 Oct 2018 06:52

Tgt Ion:146 Resp: 2197
 Ion Ratio Lower Upper
 146 100
 111 39.9 18.9 56.9
 148 67.2 31.8 95.3

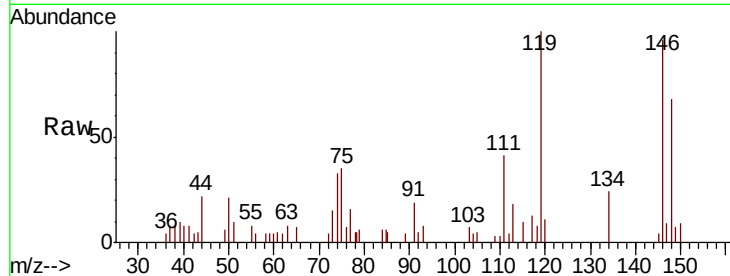




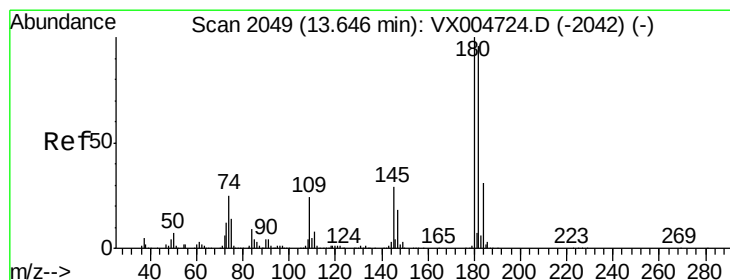
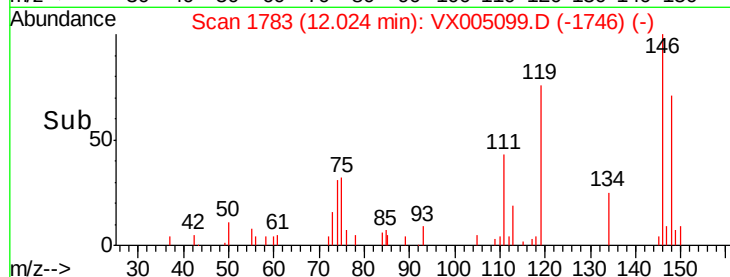
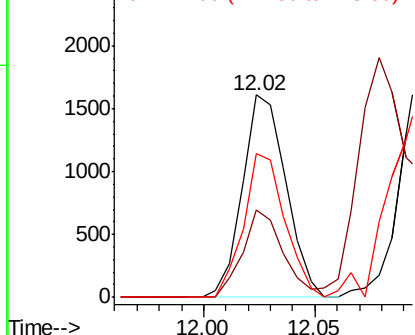
#88
 1,4-Dichlorobenzene
 Concen: 0.336 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.07 min
 Lab File: VX005099.D
 Acq: 06 Oct 2018 06:52

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:146 Resp: 2197
 Ion Ratio Lower Upper
 146 100
 111 39.9 18.4 55.2
 148 67.2 32.0 96.0

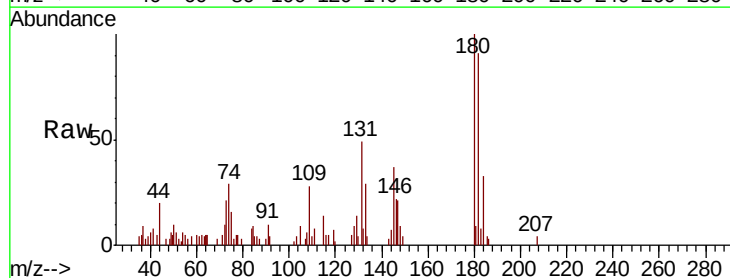


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

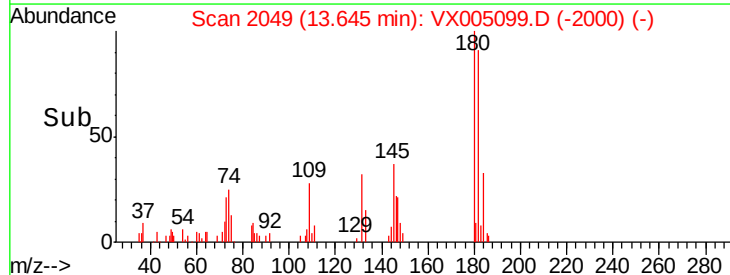
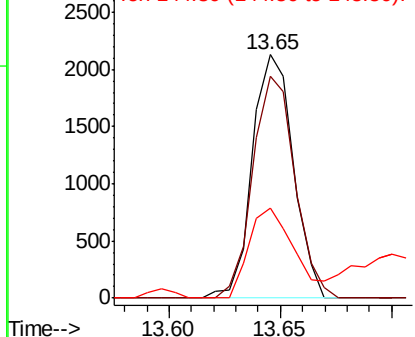


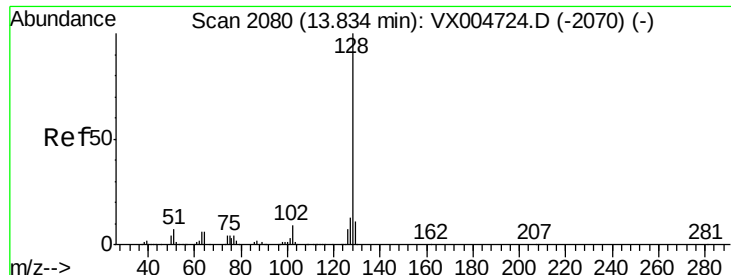
#93
 1,2,4-Trichlorobenzene
 Concen: 0.586 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005099.D
 Acq: 06 Oct 2018 06:52

Tgt Ion:180 Resp: 2724
 Ion Ratio Lower Upper
 180 100
 182 93.9 47.8 143.4
 145 41.5 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

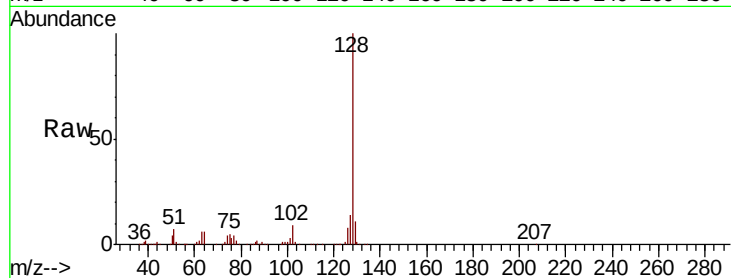




#95
Naphthalene
Concen: 6.187 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX005099.D
Acq: 06 Oct 2018 06:52

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.4	15.6
129	11.3	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

