

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072518\
 Data File : VX003664.D
 Acq On : 25 Jul 2018 18:10
 Operator : JC/SP
 Sample : J4101-03
 Misc : 3.91g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-2

Quant Time: Jul 27 04:35:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072418W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 27 02:16:51 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	75550	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	130280	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	122022	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	75362	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	55889	49.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.88%	
35) Dibromofluoromethane	5.51	113	42446	39.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.70%	
50) Toluene-d8	8.71	98	214773	52.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.68%	
62) 4-Bromofluorobenzene	11.14	95	68683	46.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.66%	

Target Compounds

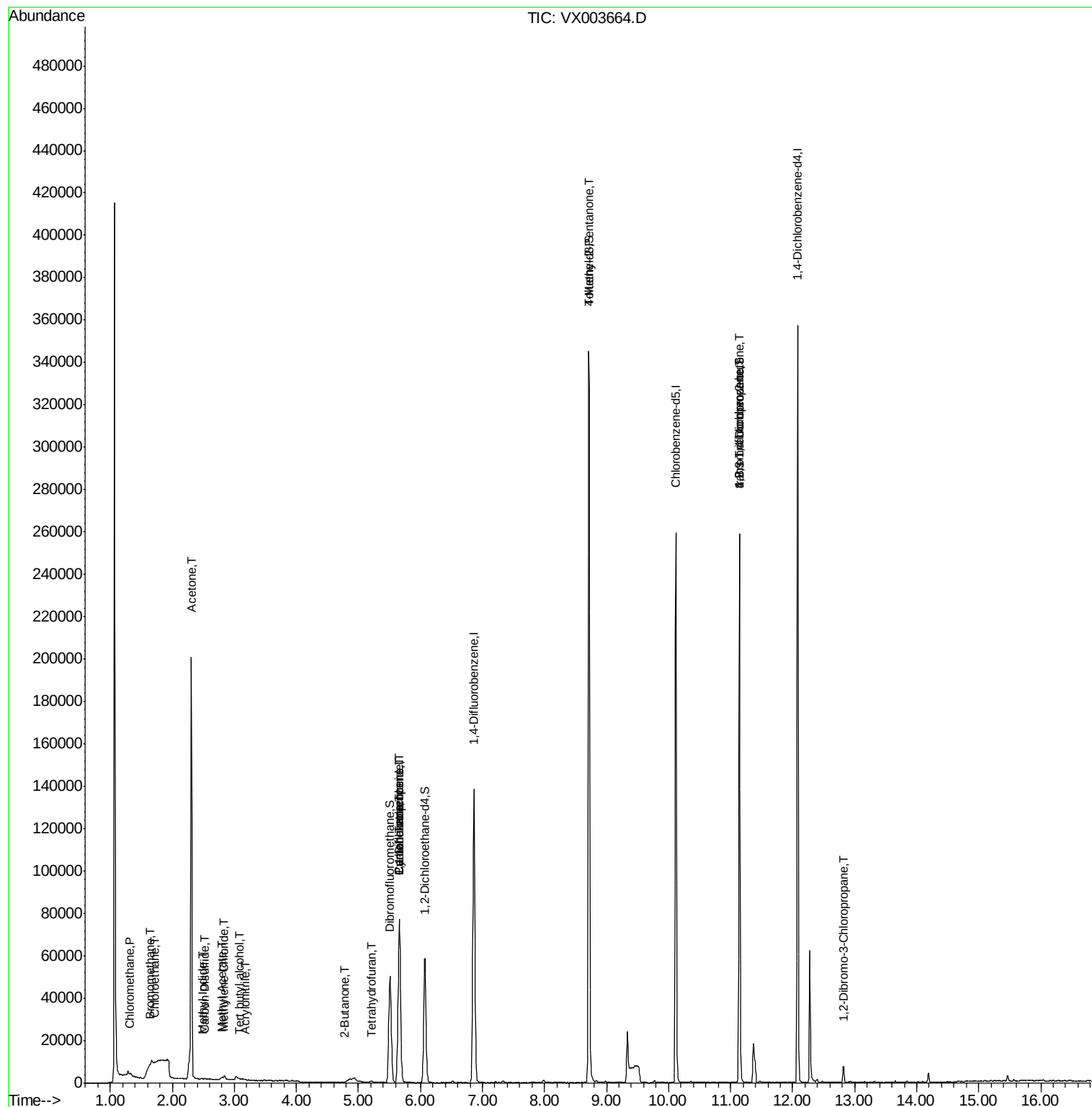
						Qvalue
3) Chloromethane	1.32	50	248	0.219	ug/l #	77
5) Bromomethane	1.64	94	647	1.156	ug/l	87
6) Chloroethane	1.71	64	53	2.017	ug/l #	42
10) Methyl Iodide	2.48	142	398	3.474	ug/l #	87
11) Tert butyl alcohol	3.09	59	203	0.759	ug/l #	72
15) Acrylonitrile	3.18	53	141	0.218	ug/l #	67
16) Acetone	2.31	43	31946	60.762	ug/l #	42
17) Carbon Disulfide	2.53	76	525	0.209	ug/l #	76
18) Methyl Acetate	2.80	43	1239	0.780	ug/l	95
20) Methylene Chloride	2.84	84	732	0.703	ug/l #	91
25) 2-Butanone	4.78	43	336	0.414	ug/l #	50
29) Tetrahydrofuran	5.22	42	435	0.823	ug/l #	72
31) Cyclohexane	5.66	56	1532	1.018	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	6144	4.035	ug/l #	48
38) Carbon Tetrachloride	5.65	117	7014	4.779	ug/l #	15
51) 4-Methyl-2-Pentanone	8.71	43	984	0.546	ug/l #	1
76) 1,2,3-Trichloropropane	11.14	75	34727	21.969	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.14	75	34727	68.067	ug/l #	11
92) 1,2-Dibromo-3-Chloropropan	12.82	75	179	0.452	ug/l #	1

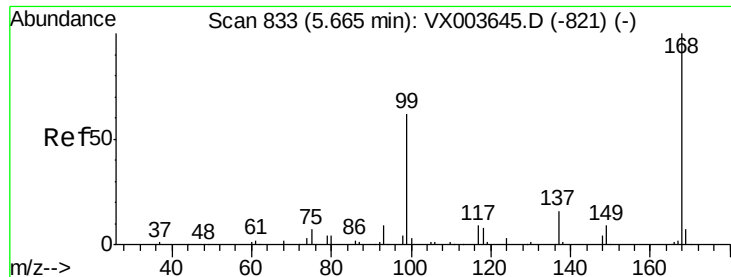
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX072518\
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Quant Title : SW846 8260
QLast Update : Fri Jul 27 02:16:51 2018
Response via : Initial Calibration

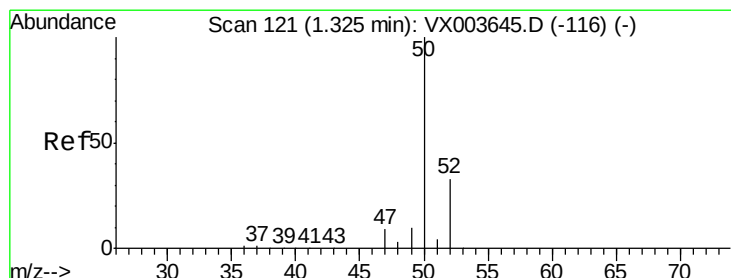
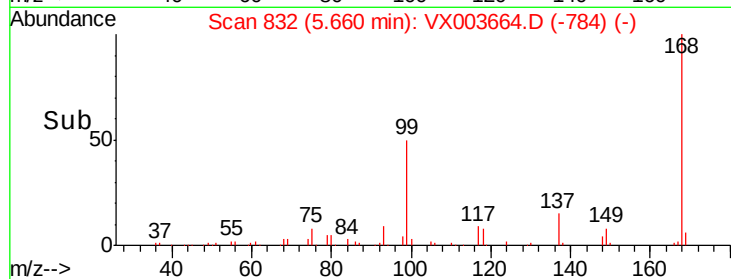
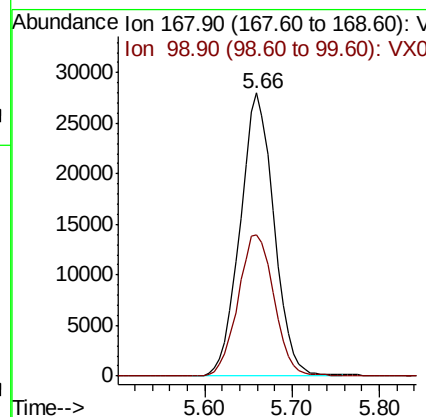
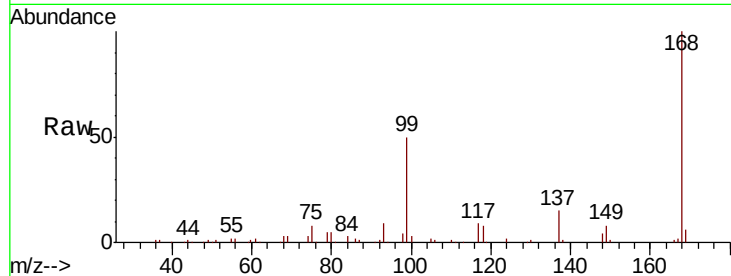




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX003664.D
Acq: 25 Jul 2018 18:10

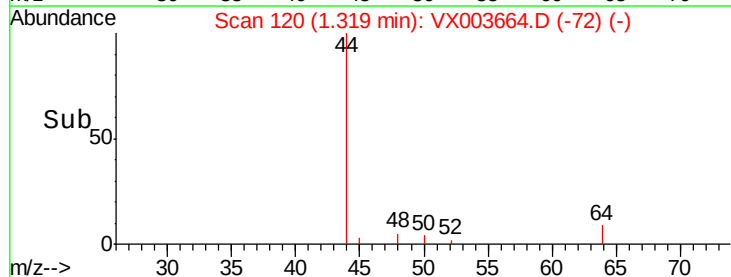
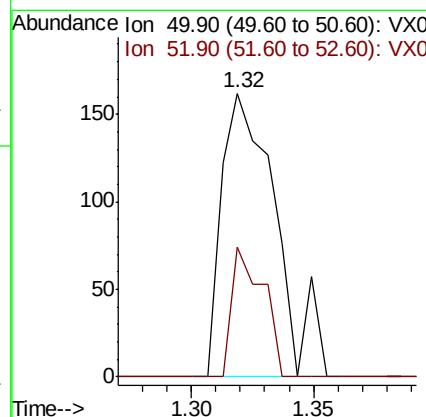
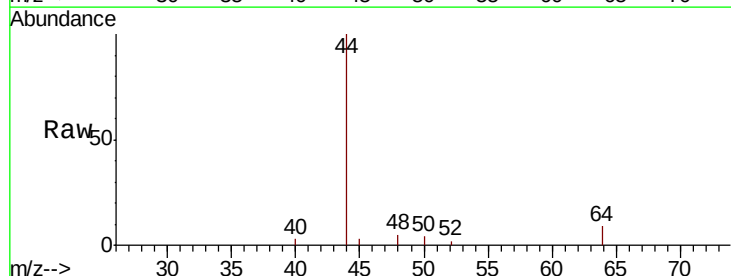
Instrument :
MSVOA_X
ClientSampled :
TP-2

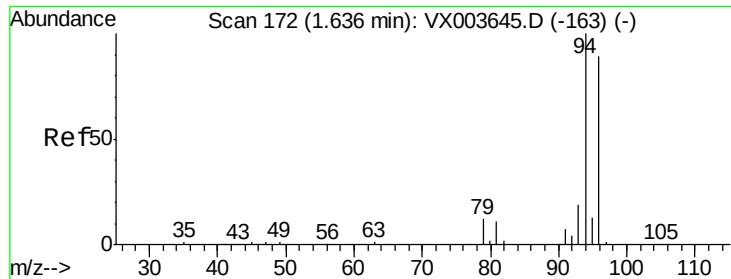
Tgt Ion: 168 Resp: 75550
Ion Ratio Lower Upper
168 100
99 49.7 49.5 74.3



#3
Chloromethane
Concen: 0.219 ug/l
RT: 1.32 min Scan# 120
Delta R.T. -0.01 min
Lab File: VX003664.D
Acq: 25 Jul 2018 18:10

Tgt Ion: 50 Resp: 248
Ion Ratio Lower Upper
50 100
52 45.7 26.3 39.5#





#5

Bromomethane

Concen: 1.156 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003664.D

Acq: 25 Jul 2018 18:10

Instrument :

MSVOA_X

ClientSampleId :

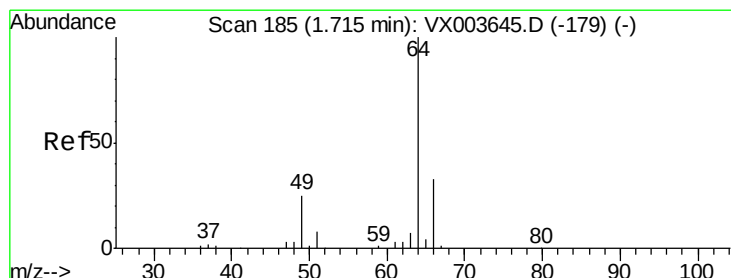
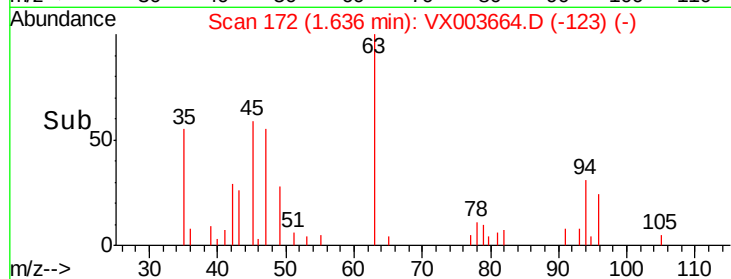
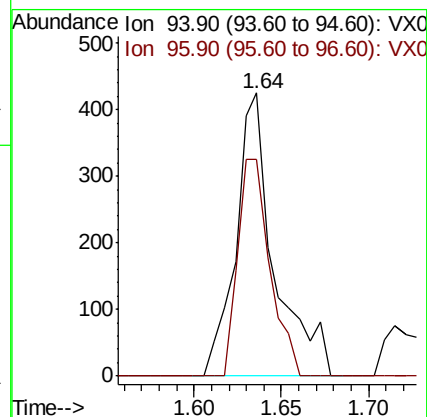
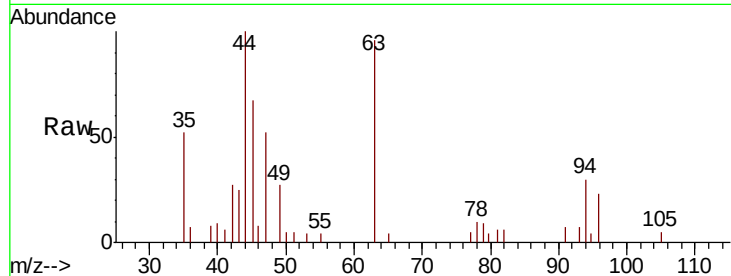
TP-2

Tgt Ion: 94 Resp: 647

Ion Ratio Lower Upper

94 100

96 76.7 71.3 106.9



#6

Chloroethane

Concen: 2.017 ug/l

RT: 1.71 min Scan# 184

Delta R.T. -0.00 min

Lab File: VX003664.D

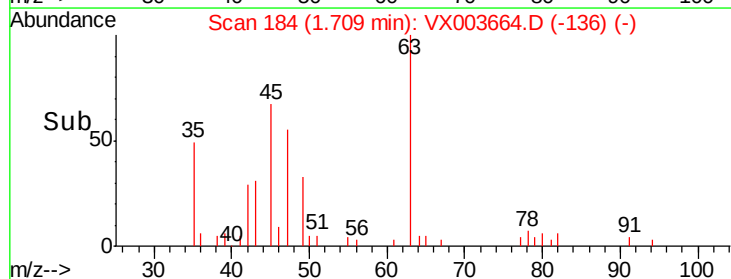
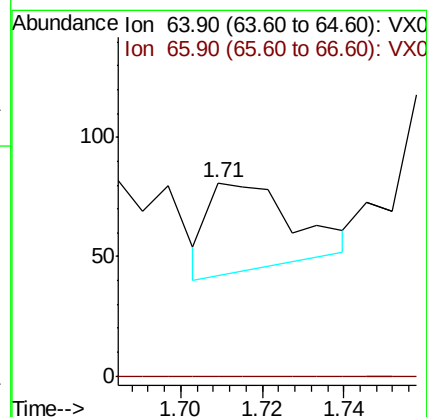
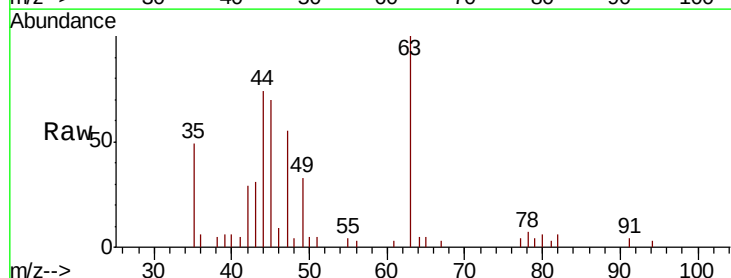
Acq: 25 Jul 2018 18:10

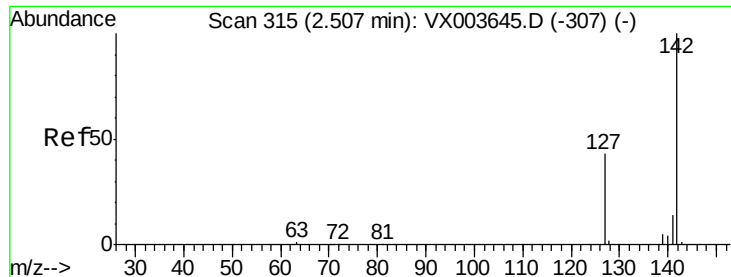
Tgt Ion: 64 Resp: 53

Ion Ratio Lower Upper

64 100

66 0.0 26.3 39.5#

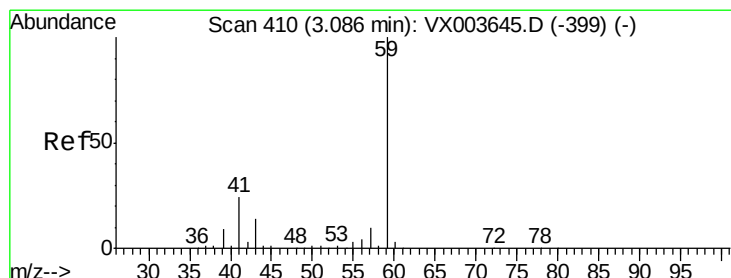
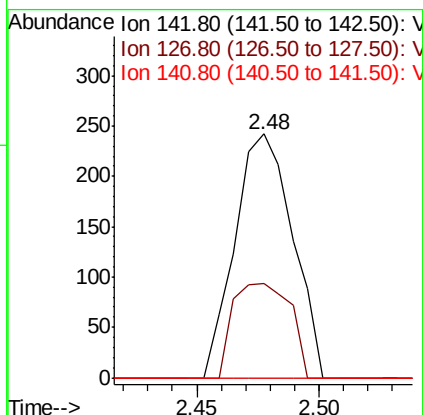
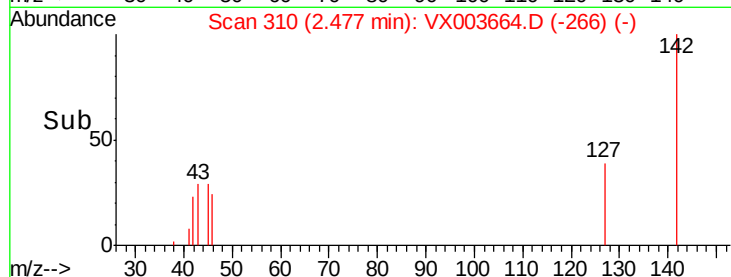
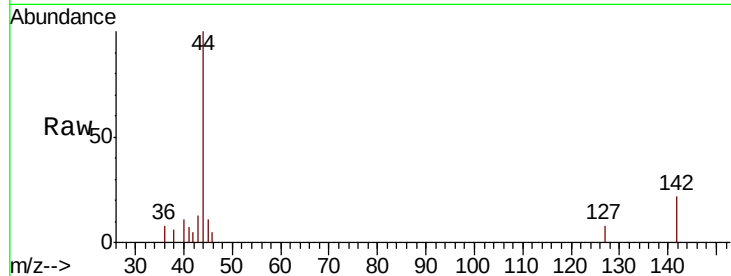




#10
Methyl Iodide
Concen: 3.474 ug/l
RT: 2.48 min Scan# 310
Delta R.T. -0.03 min
Lab File: VX003664.D
Acq: 25 Jul 2018 18:10

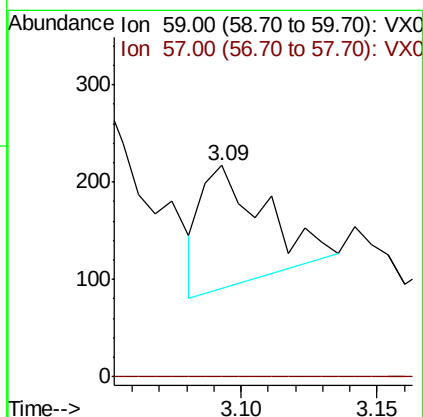
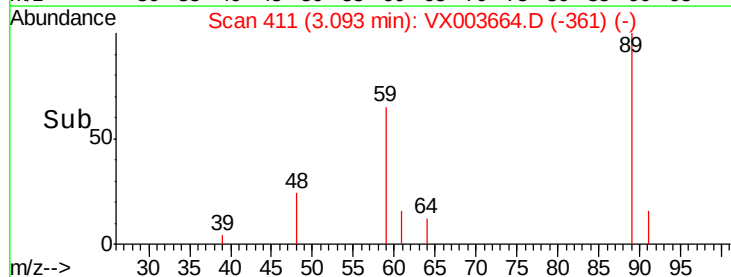
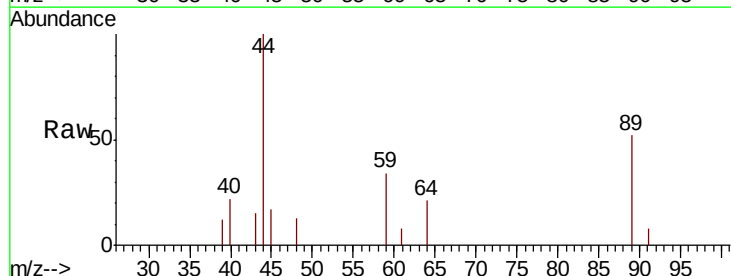
Instrument :
MSVOA_X
ClientSampled :
TP-2

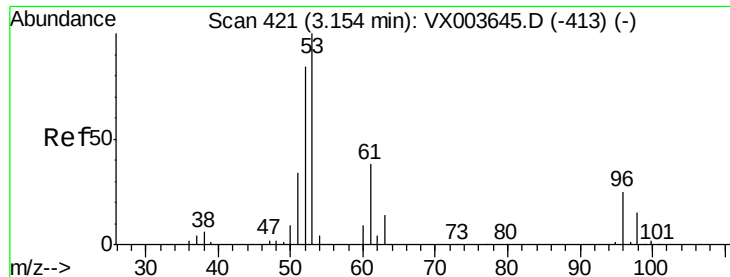
Tgt Ion: 142 Resp: 398
Ion Ratio Lower Upper
142 100
127 38.4 34.0 51.0
141 0.0 11.3 16.9#



#11
Tert butyl alcohol
Concen: 0.759 ug/l
RT: 3.09 min Scan# 411
Delta R.T. 0.01 min
Lab File: VX003664.D
Acq: 25 Jul 2018 18:10

Tgt Ion: 59 Resp: 203
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#





#15

Acrylonitrile

Concen: 0.218 ug/l

RT: 3.18 min Scan# 425

Delta R.T. 0.02 min

Lab File: VX003664.D

Acq: 25 Jul 2018 18:10

Instrument :

MSVOA_X

ClientSampled :

TP-2

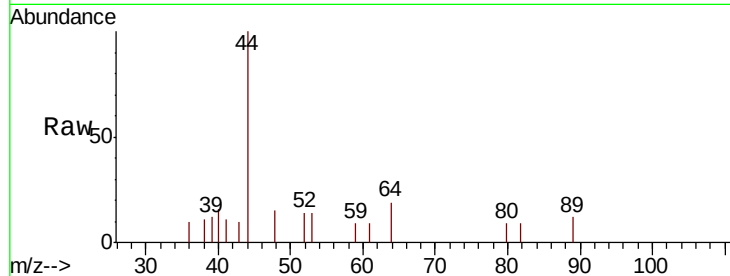
Tgt Ion: 53 Resp: 141

Ion Ratio Lower Upper

53 100

52 109.9 66.1 99.1#

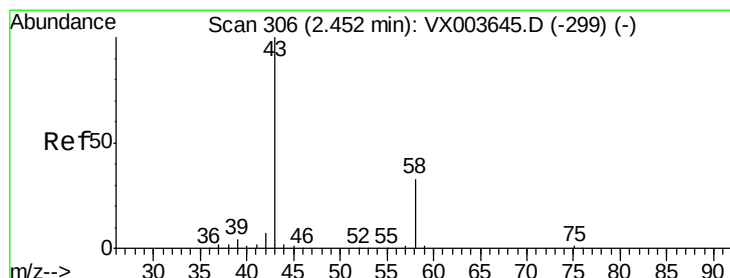
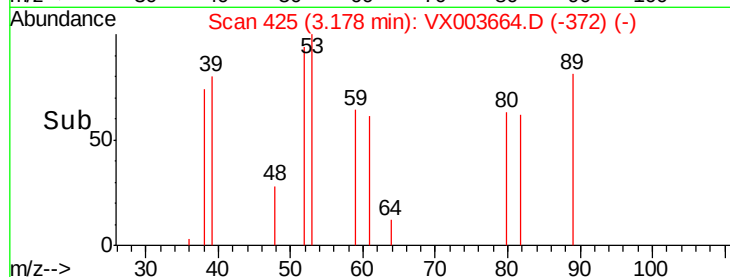
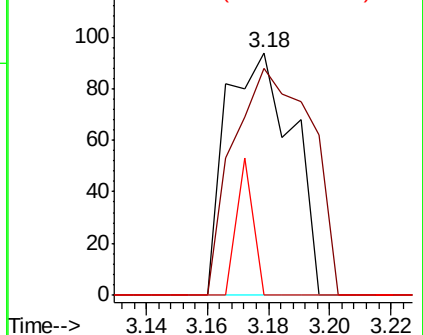
51 13.5 28.2 42.4#



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 60.762 ug/l

RT: 2.31 min Scan# 282

Delta R.T. -0.15 min

Lab File: VX003664.D

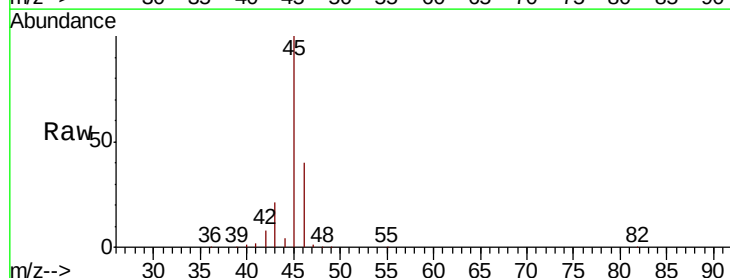
Acq: 25 Jul 2018 18:10

Tgt Ion: 43 Resp: 31946

Ion Ratio Lower Upper

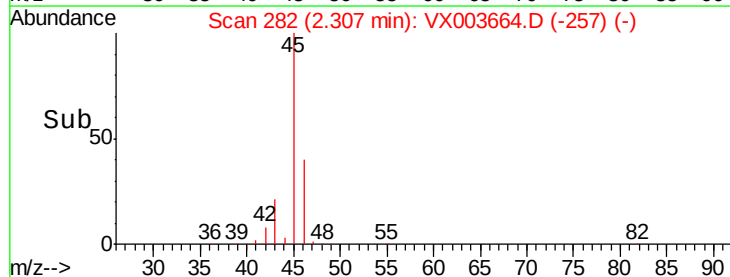
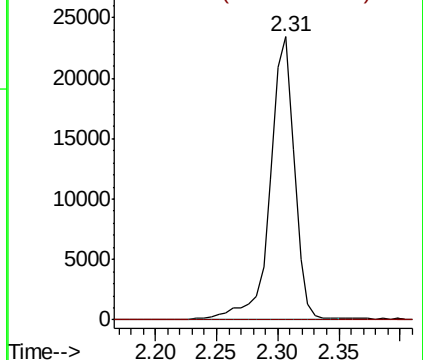
43 100

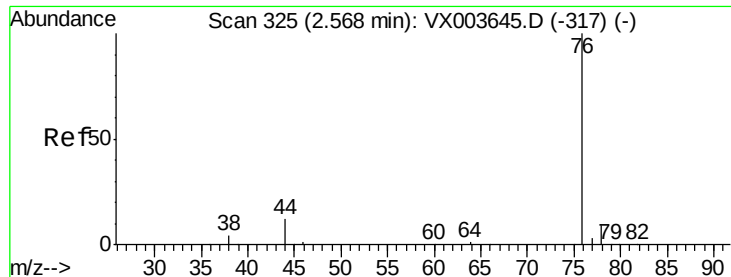
58 0.0 26.1 39.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 0.209 ug/l

RT: 2.53 min Scan# 318

Delta R.T. -0.04 min

Lab File: VX003664.D

Acq: 25 Jul 2018 18:10

Instrument :

MSVOA_X

ClientSampled :

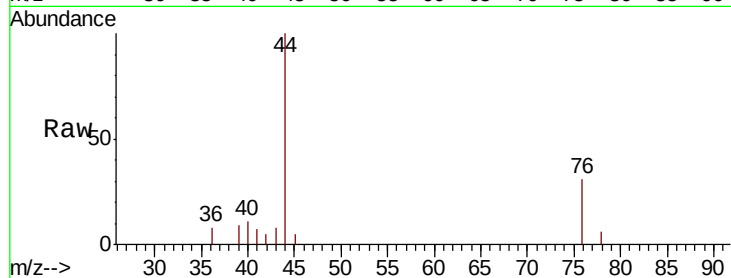
TP-2

Tgt Ion: 76 Resp: 525

Ion Ratio Lower Upper

76 100

78 17.8 7.4 11.0#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.53

300

200

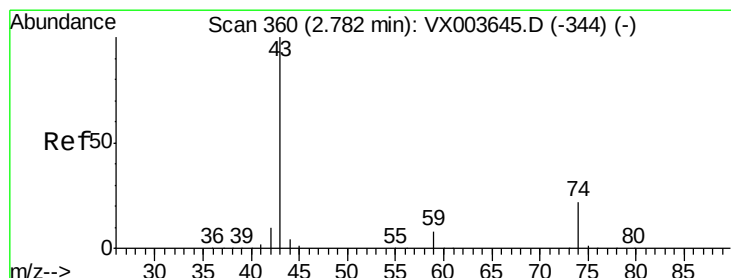
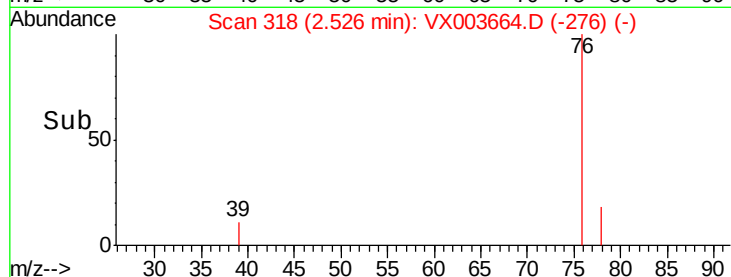
100

0

2.50

2.55

Time-->



#18

Methyl Acetate

Concen: 0.780 ug/l

RT: 2.80 min Scan# 363

Delta R.T. 0.02 min

Lab File: VX003664.D

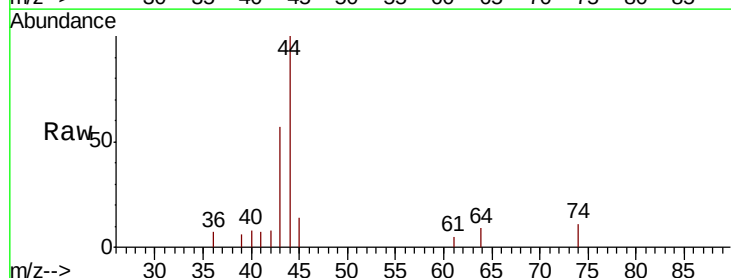
Acq: 25 Jul 2018 18:10

Tgt Ion: 43 Resp: 1239

Ion Ratio Lower Upper

43 100

74 19.9 17.8 26.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

800

600

400

200

0

2.70

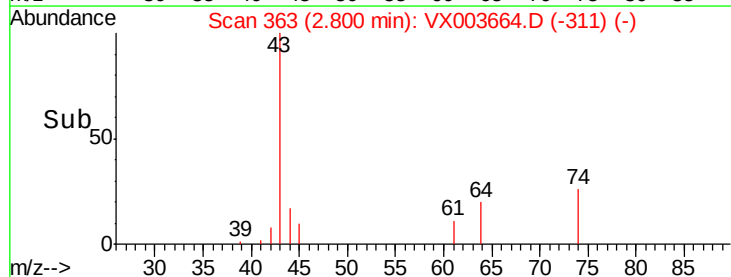
2.75

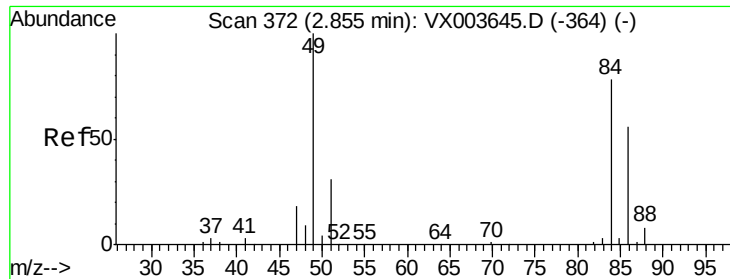
2.80

2.85

2.90

Time-->

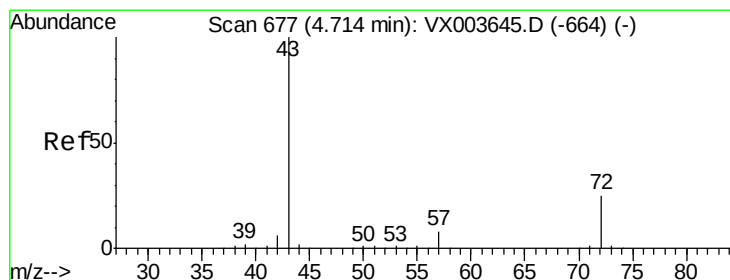
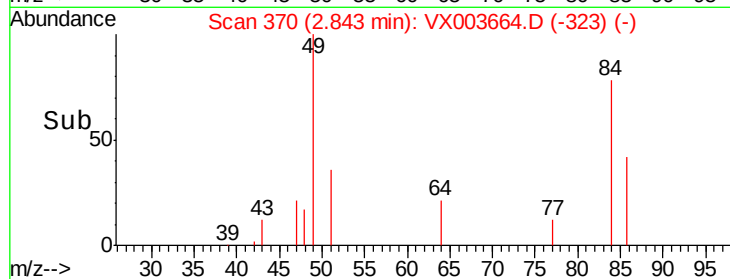
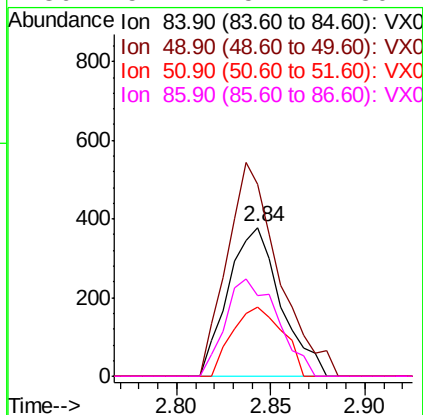
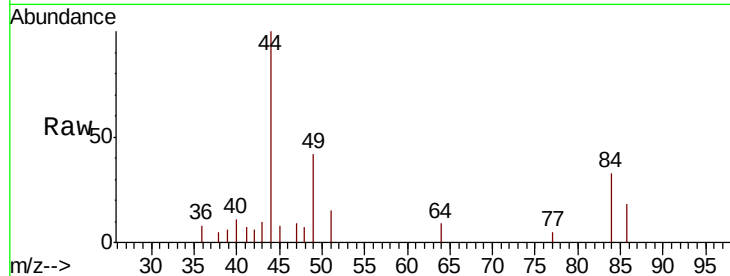




#20
Methylene Chloride
Concen: 0.703 ug/l
RT: 2.84 min Scan# 370
Delta R.T. -0.01 min
Lab File: VX003664.D
Acq: 25 Jul 2018 18:10

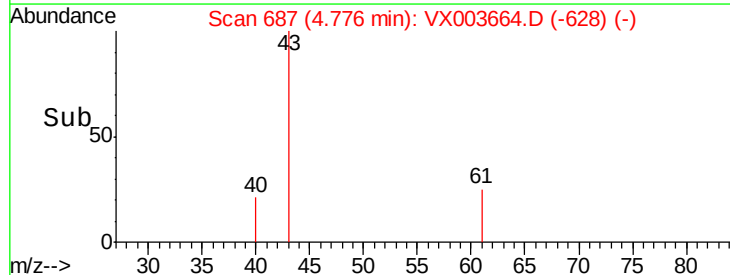
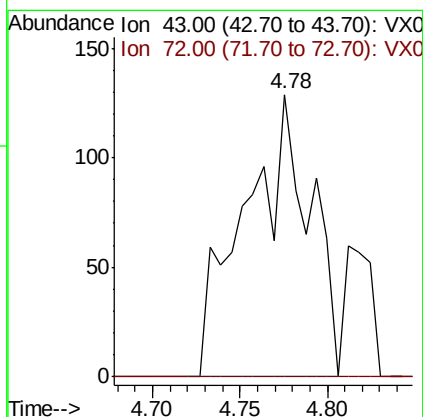
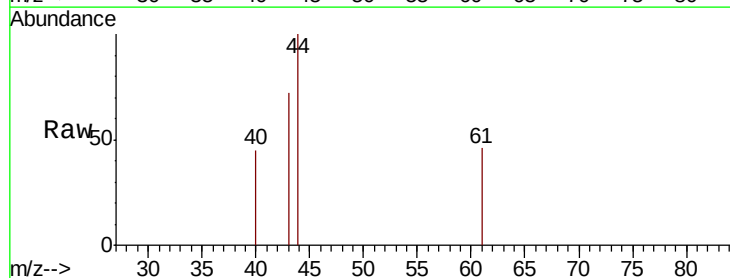
Instrument :
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ClientSampled :
TP-2

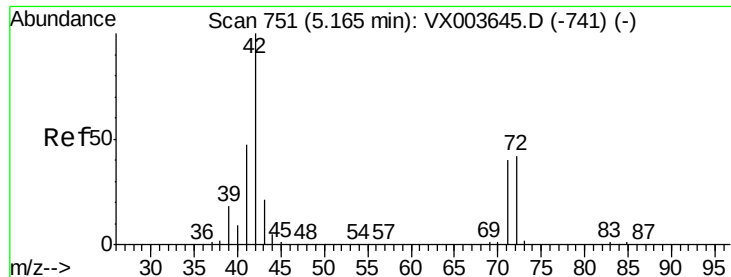
Tgt Ion: 84 Resp: 732
Ion Ratio Lower Upper
84 100
49 129.0 102.3 153.5
51 46.2 31.8 47.8
86 54.1 57.4 86.2#



#25
2-Butanone
Concen: 0.414 ug/l
RT: 4.78 min Scan# 687
Delta R.T. 0.06 min
Lab File: VX003664.D
Acq: 25 Jul 2018 18:10

Tgt Ion: 43 Resp: 336
Ion Ratio Lower Upper
43 100
72 0.0 20.2 30.4#





#29

Tetrahydrofuran

Concen: 0.823 ug/l

RT: 5.22 min Scan# 760

Delta R.T. 0.06 min

Lab File: VX003664.D

Acq: 25 Jul 2018 18:10

Instrument :

MSVOA_X

ClientSampleId :

TP-2

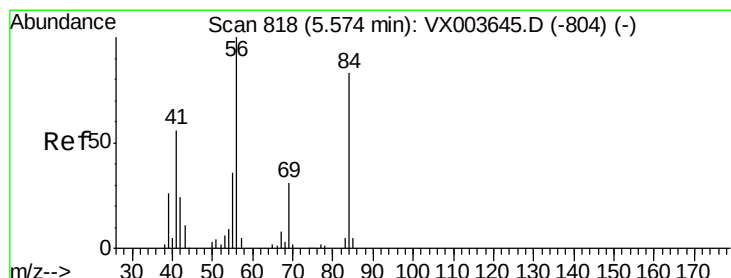
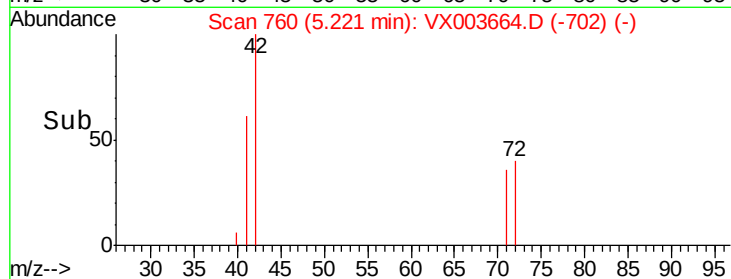
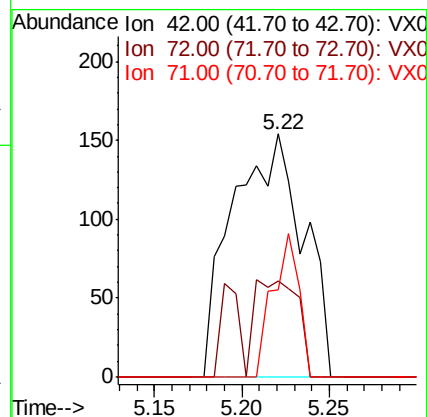
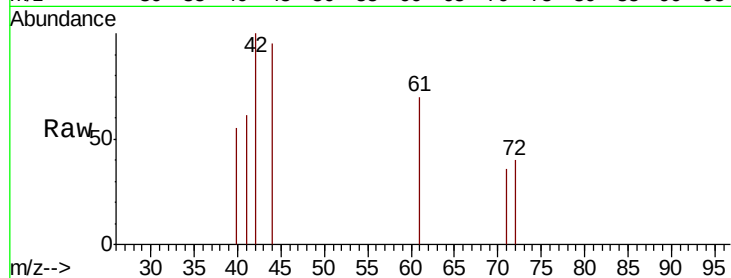
Tgt Ion: 42 Resp: 435

Ion Ratio Lower Upper

42 100

72 24.1 33.4 50.0#

71 21.4 31.0 46.6#



#31

Cyclohexane

Concen: 1.018 ug/l

RT: 5.66 min Scan# 832

Delta R.T. 0.09 min

Lab File: VX003664.D

Acq: 25 Jul 2018 18:10

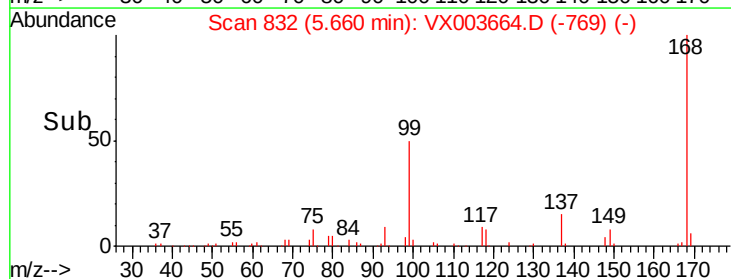
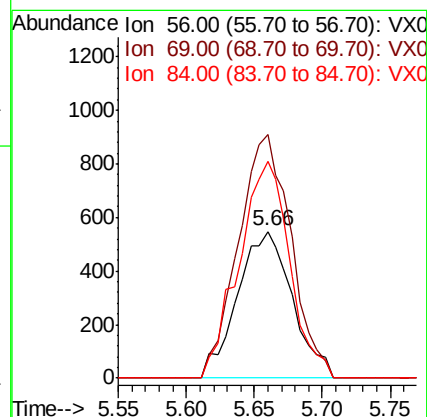
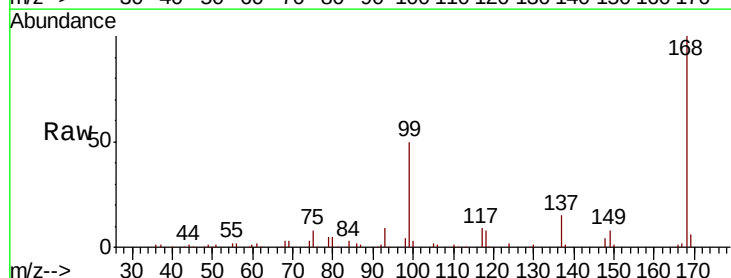
Tgt Ion: 56 Resp: 1532

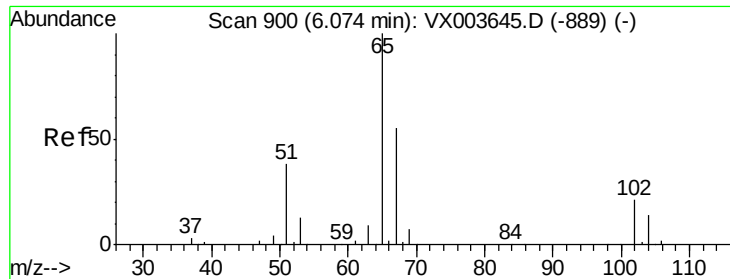
Ion Ratio Lower Upper

56 100

69 165.6 25.0 37.6#

84 147.7 66.5 99.7#

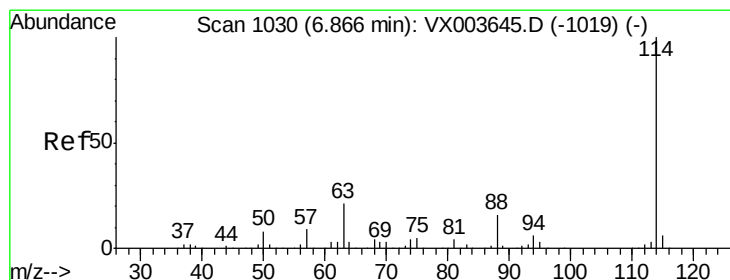
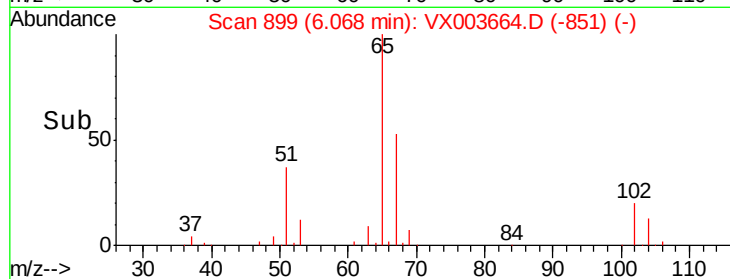
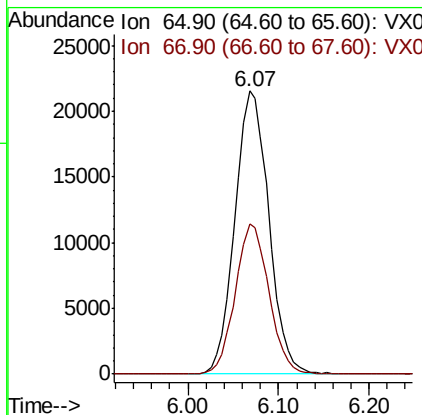
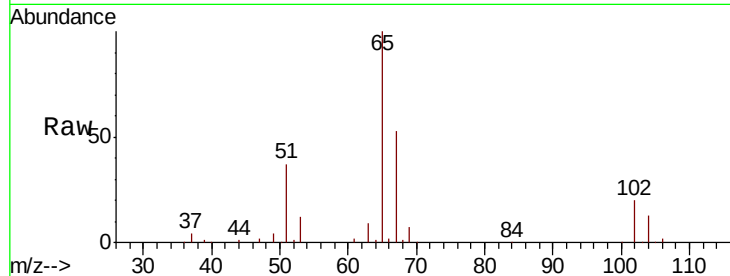




#33
 1,2-Dichloroethane-d4
 Concen: 49.941 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VX003664.D
 Acq: 25 Jul 2018 18:10

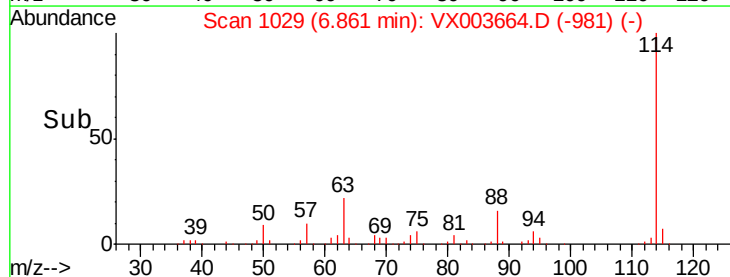
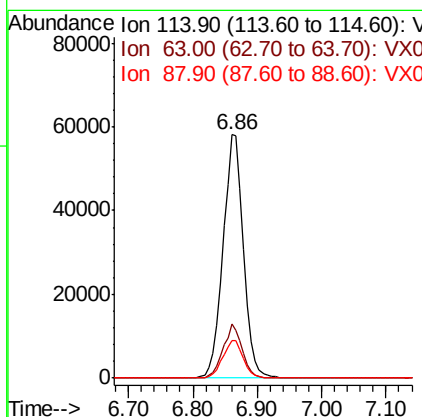
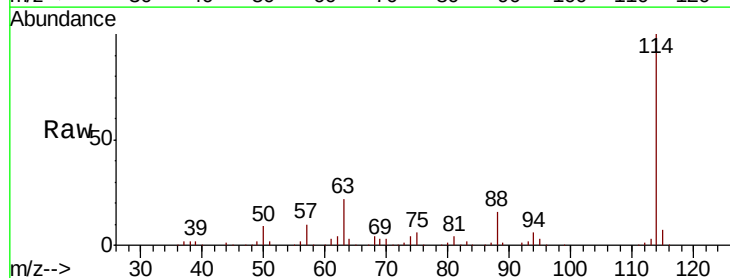
Instrument :
 MSVOA_X
 ClientSampleID :
 TP-2

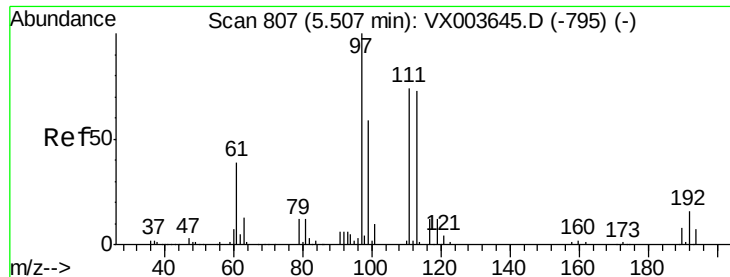
Tgt Ion: 65 Resp: 55889
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VX003664.D
 Acq: 25 Jul 2018 18:10

Tgt Ion: 114 Resp: 130280
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 41.0
 88 15.6 0.0 31.8





#35

Dibromofluoromethane

Concen: 39.855 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX003664.D

Acq: 25 Jul 2018 18:10

Instrument :

MSVOA_X

ClientSampleId :

TP-2

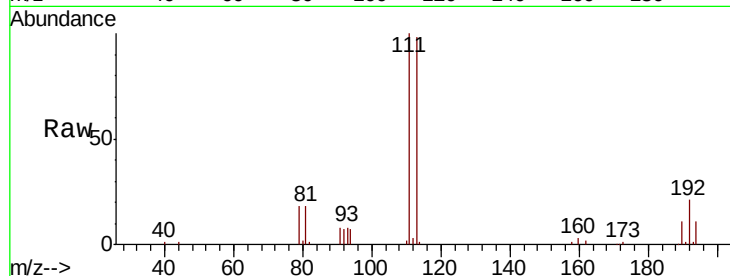
Tgt Ion:113 Resp: 42446

Ion Ratio Lower Upper

113 100

111 103.0 81.2 121.8

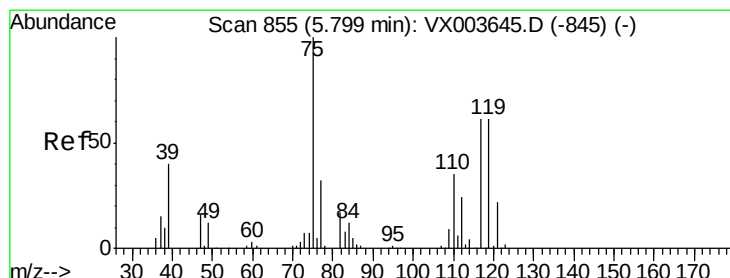
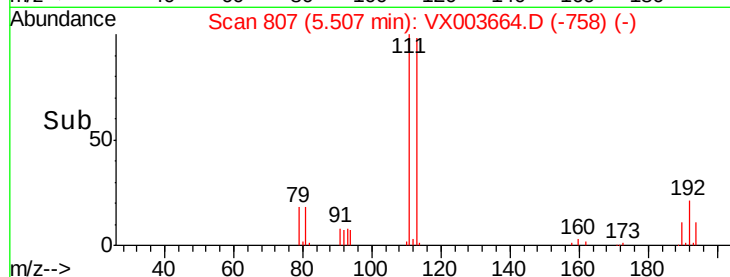
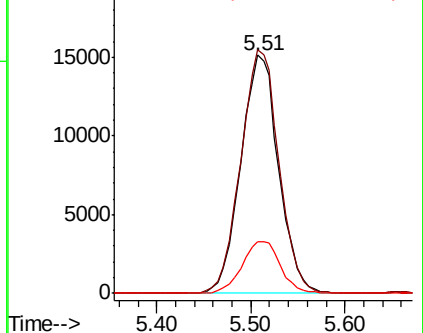
192 22.0 18.2 27.4



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: 4.035 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.14 min

Lab File: VX003664.D

Acq: 25 Jul 2018 18:10

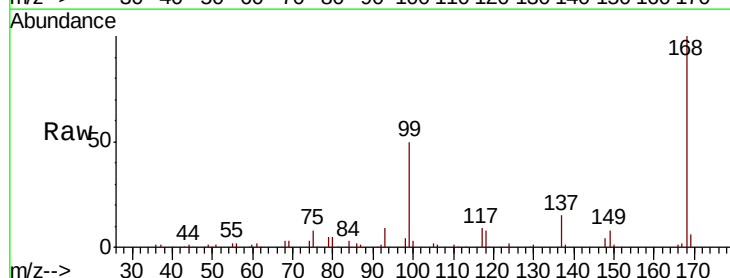
Tgt Ion: 75 Resp: 6144

Ion Ratio Lower Upper

75 100

110 7.6 18.1 54.1#

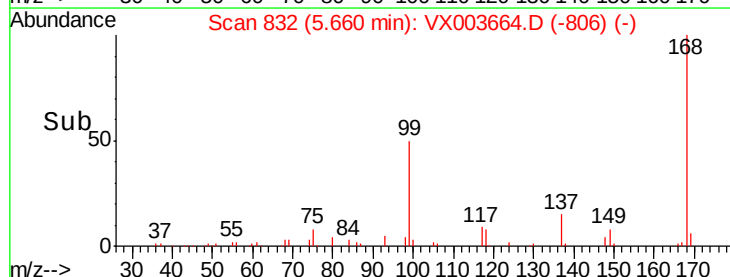
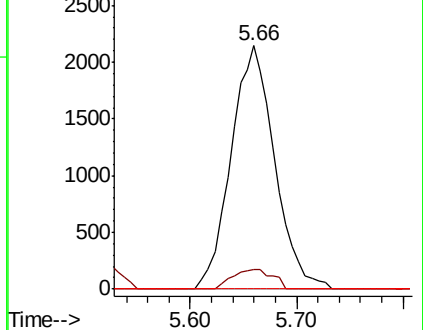
77 0.0 25.1 37.7#

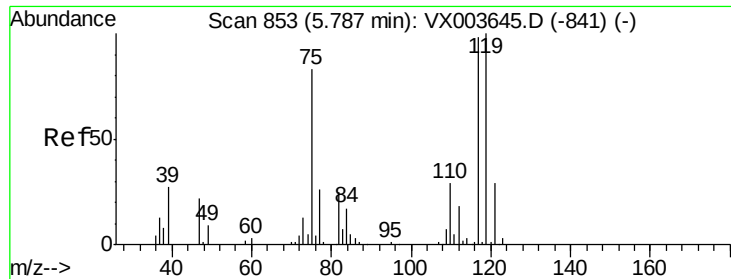


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

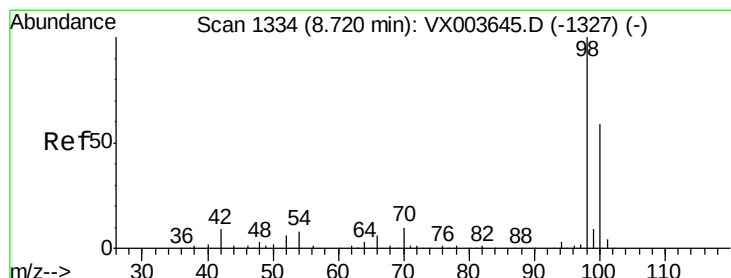
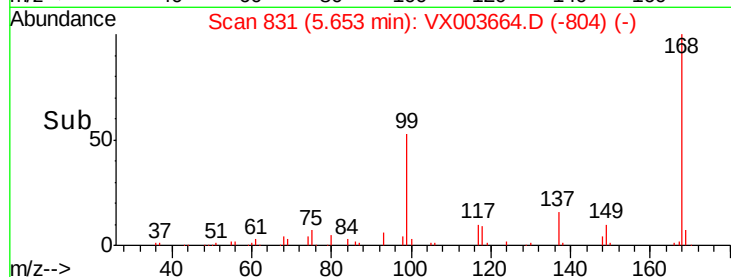
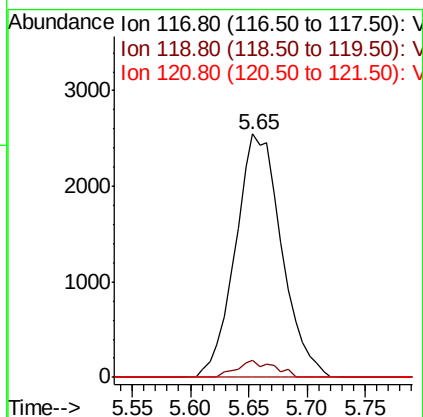
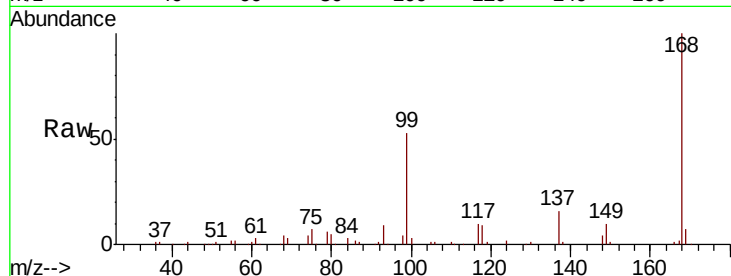




#38
Carbon Tetrachloride
Concen: 4.779 ug/l
RT: 5.65 min Scan# 831
Delta R.T. -0.13 min
Lab File: VX003664.D
Acq: 25 Jul 2018 18:10

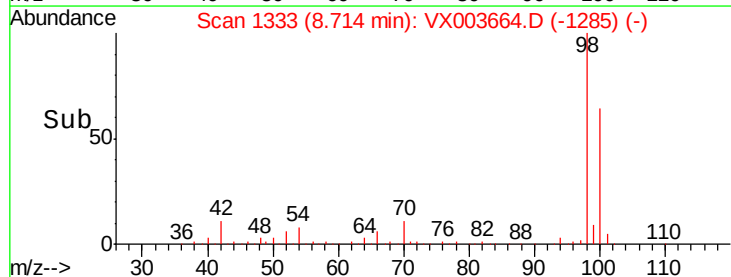
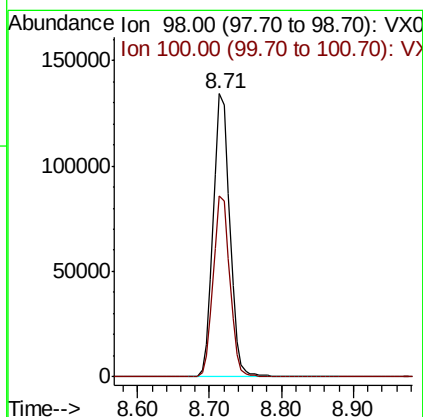
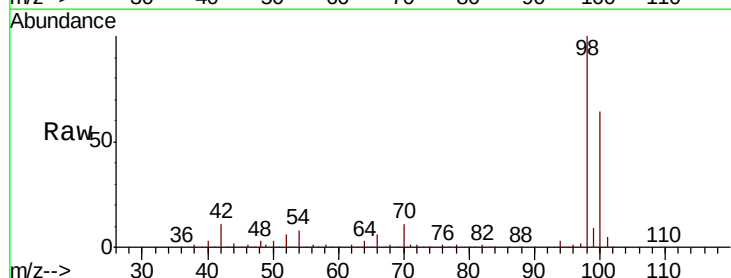
Instrument :
MSVOA_X
ClientSampleId :
TP-2

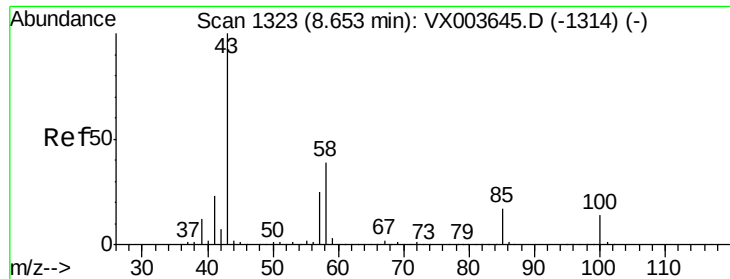
Tgt Ion:117 Resp: 7014
Ion Ratio Lower Upper
117 100
119 7.1 81.0 121.4#
121 0.0 23.7 35.5#



#50
Toluene-d8
Concen: 52.841 ug/l
RT: 8.71 min Scan# 1333
Delta R.T. -0.01 min
Lab File: VX003664.D
Acq: 25 Jul 2018 18:10

Tgt Ion: 98 Resp: 214773
Ion Ratio Lower Upper
98 100
100 63.8 50.9 76.3

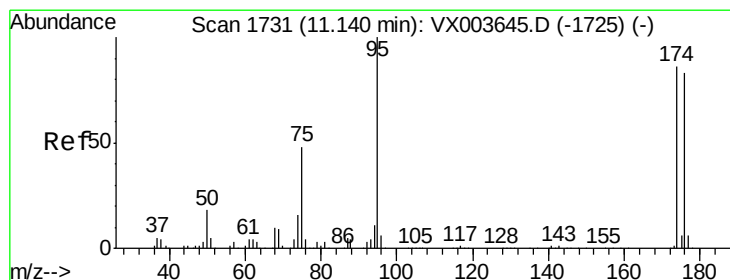
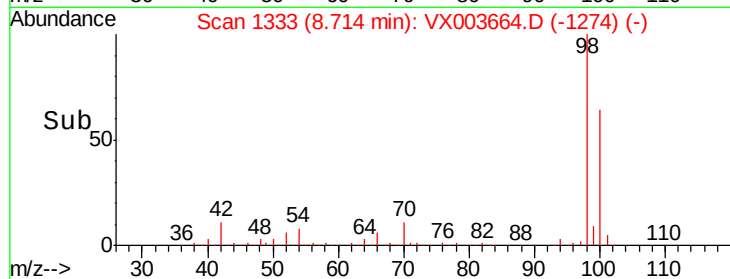
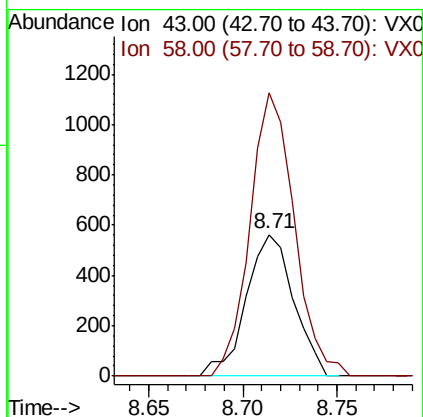
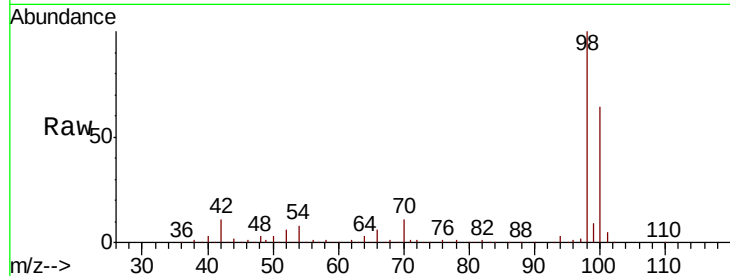




#51
 4-Methyl-2-Pentanone
 Concen: 0.546 ug/l
 RT: 8.71 min Scan# 1333
 Delta R.T. 0.06 min
 Lab File: VX003664.D
 Acq: 25 Jul 2018 18:10

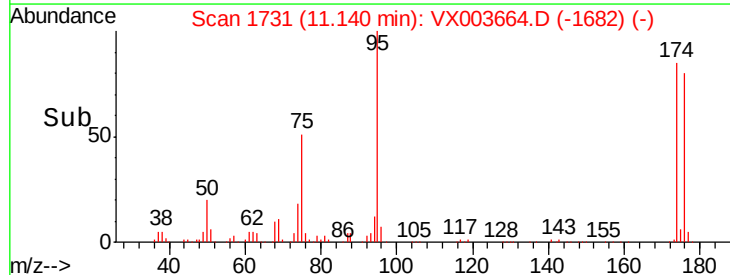
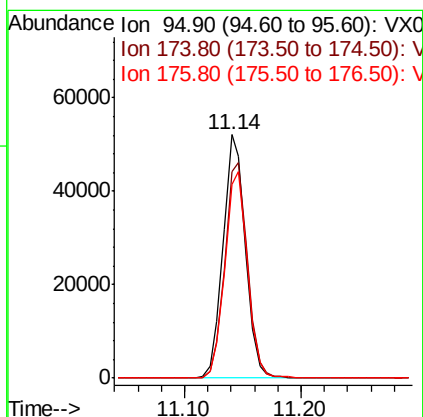
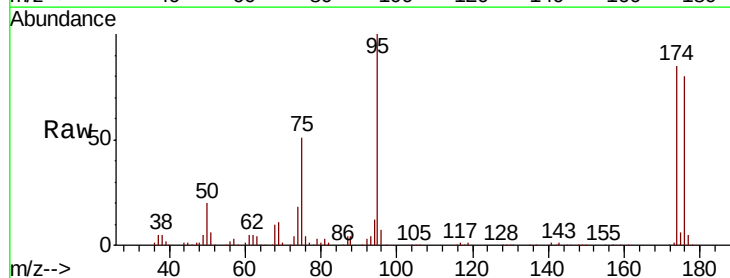
Instrument :
 MSVOA_X
 ClientSampleId :
 TP-2

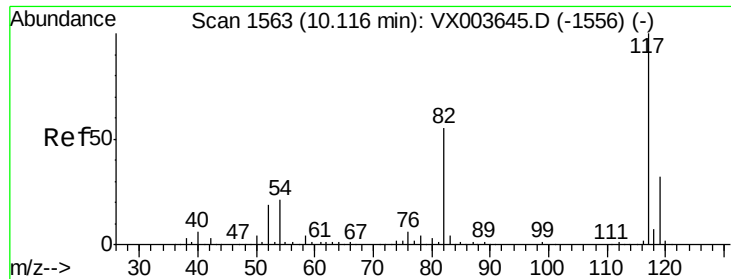
Tgt Ion: 43 Resp: 984
 Ion Ratio Lower Upper
 43 100
 58 186.8 31.5 47.3#



#62
 4-Bromofluorobenzene
 Concen: 46.330 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: VX003664.D
 Acq: 25 Jul 2018 18:10

Tgt Ion: 95 Resp: 68683
 Ion Ratio Lower Upper
 95 100
 174 90.7 0.0 179.0
 176 86.6 0.0 173.0

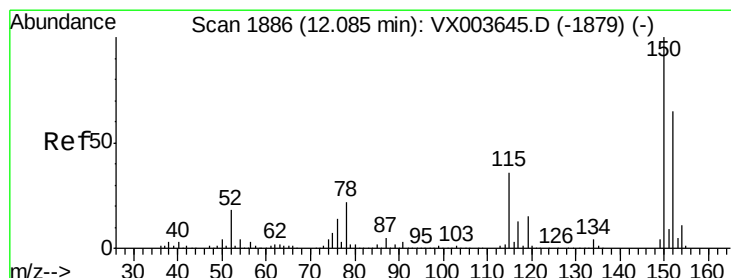
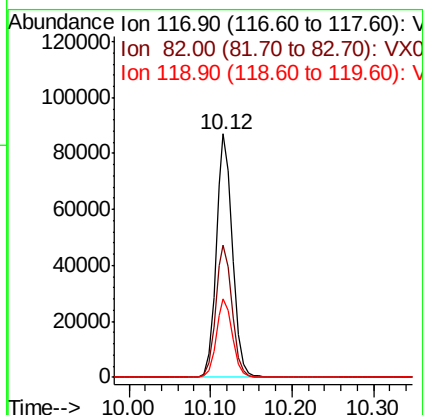
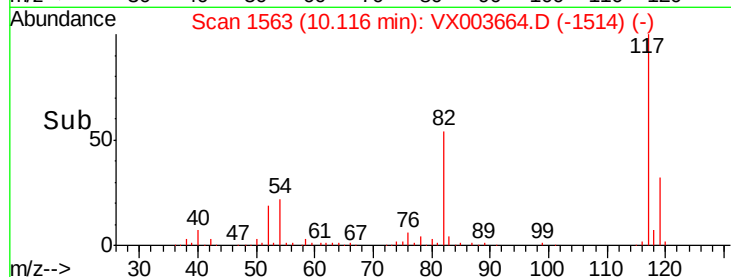
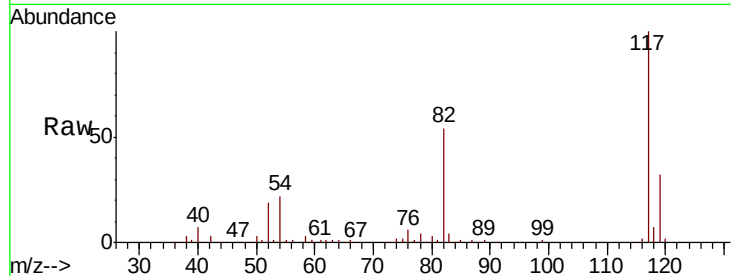




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003664.D
Acq: 25 Jul 2018 18:10

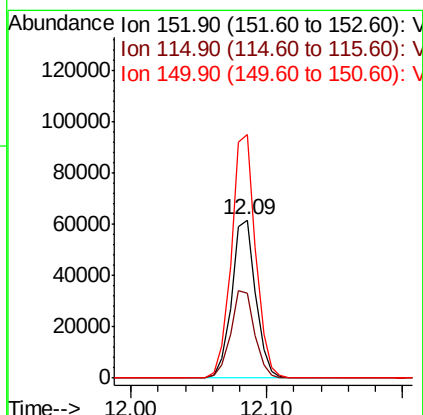
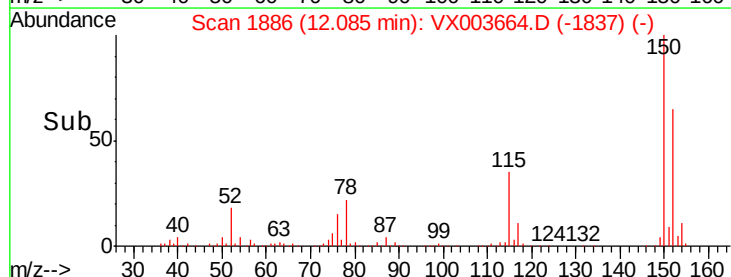
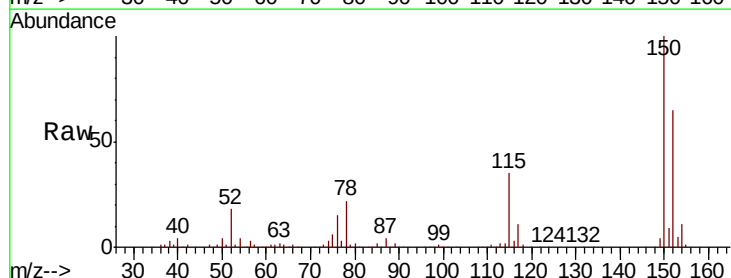
Instrument :
MSVOA_X
ClientSampled :
TP-2

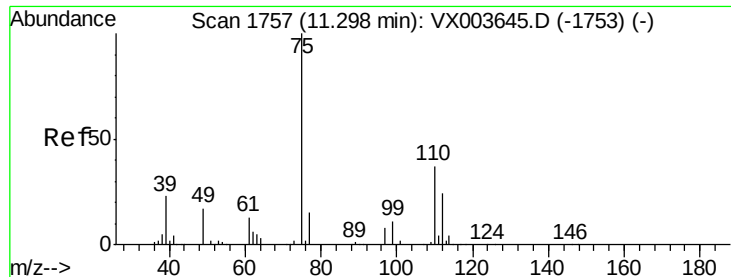
Tgt Ion:117 Resp: 122022
Ion Ratio Lower Upper
117 100
82 54.2 44.3 66.5
119 32.3 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX003664.D
Acq: 25 Jul 2018 18:10

Tgt Ion:152 Resp: 75362
Ion Ratio Lower Upper
152 100
115 55.9 40.0 119.9
150 155.6 0.0 348.4





#76

1,2,3-Trichloropropane

Concen: 21.969 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX003664.D

Acq: 25 Jul 2018 18:10

Instrument :

MSVOA_X

ClientSampleId :

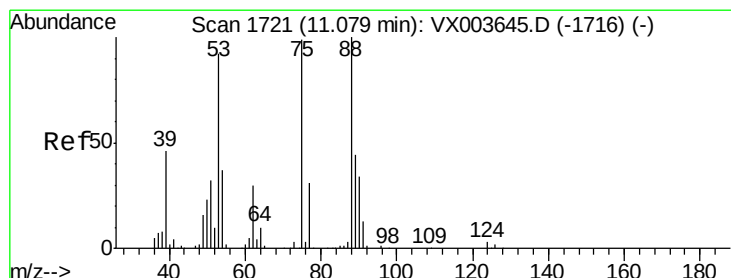
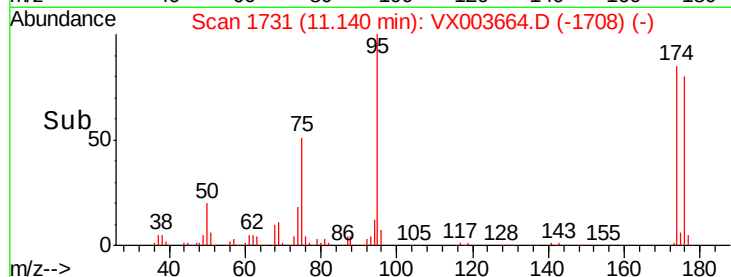
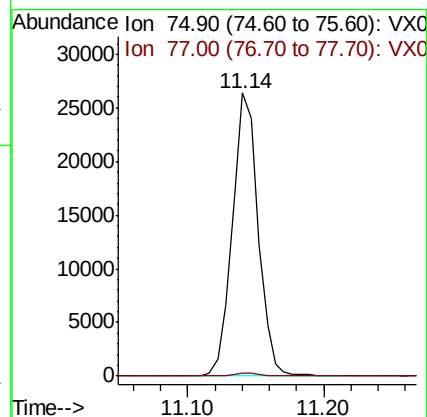
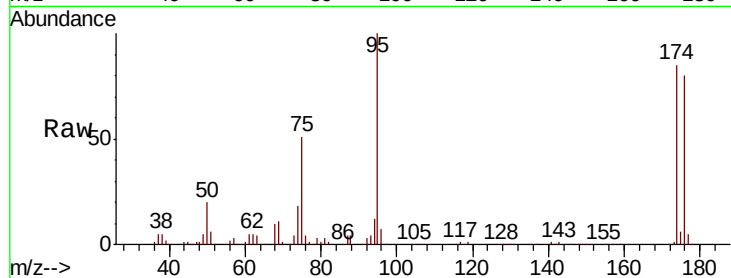
TP-2

Tgt Ion: 75 Resp: 34727

Ion Ratio Lower Upper

75 100

77 1.1 21.6 64.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 68.067 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX003664.D

Acq: 25 Jul 2018 18:10

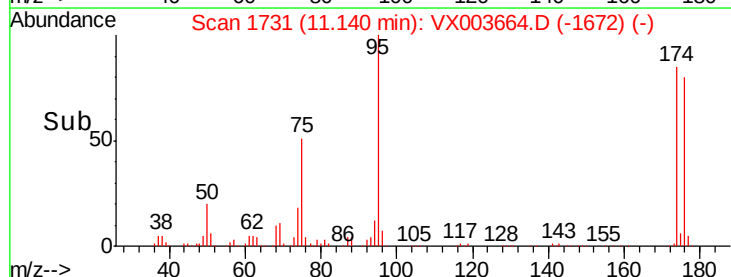
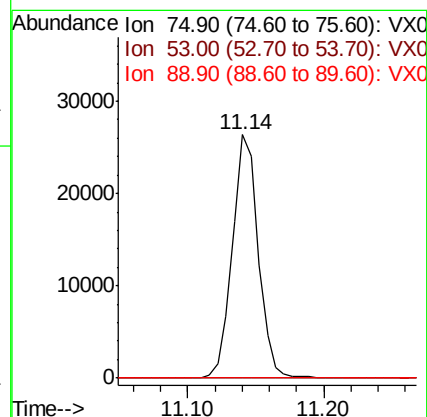
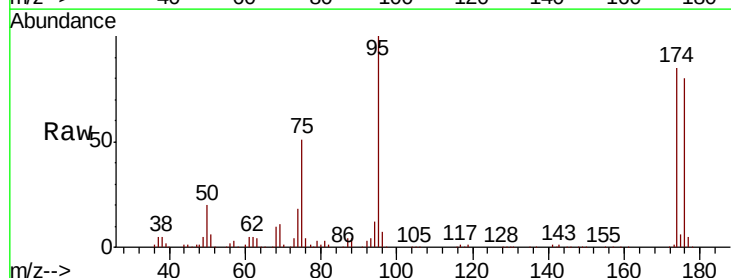
Tgt Ion: 75 Resp: 34727

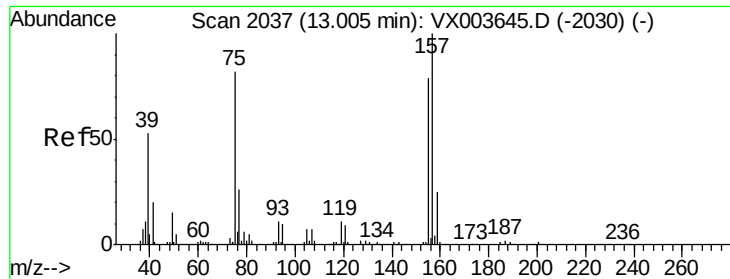
Ion Ratio Lower Upper

75 100

53 0.0 77.8 116.8#

89 0.0 36.6 54.8#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.452 ug/l

RT: 12.82 min Scan# 2006

Delta R.T. -0.19 min

Lab File: VX003664.D

Acq: 25 Jul 2018 18:10

Instrument :

MSVOA_X

ClientSampleId :

TP-2

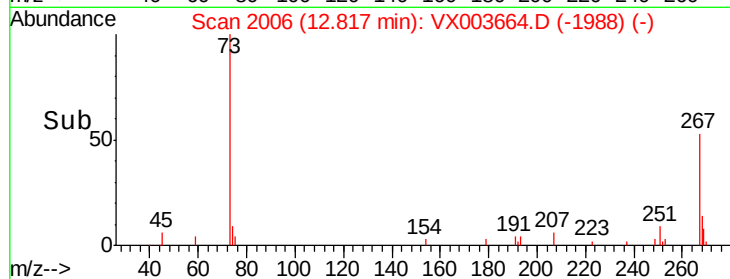
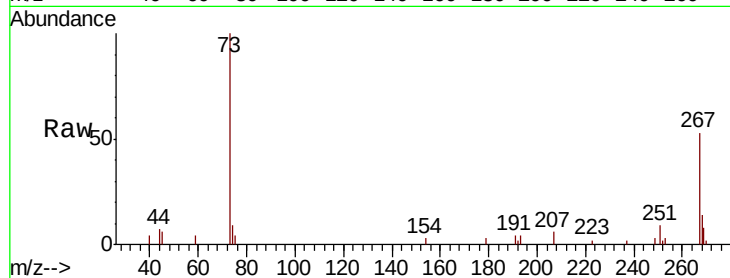
Tgt Ion: 75 Resp: 179

Ion Ratio Lower Upper

75 100

155 0.0 46.1 138.3#

157 0.0 59.7 179.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

