

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101618\
 Data File : VX005361.D
 Acq On : 16 Oct 2018 11:00
 Operator : JC/MD
 Sample : J5521-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TWP-01

Quant Time: Oct 17 04:55:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	275543	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	397938	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	363898	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	192283	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	155927	50.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.98%	
35) Dibromofluoromethane	5.50	113	124935	47.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.80%	
50) Toluene-d8	8.71	98	484046	53.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.00%	
62) 4-Bromofluorobenzene	11.14	95	171738	50.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.04%	

Target Compounds

					Qvalue	
5) Bromomethane	1.64	94	650	0.944	ug/l #	71
6) Chloroethane	1.73	64	295	0.477	ug/l #	49
10) Methyl Iodide	2.51	142	465	2.654	ug/l #	85
11) Tert butyl alcohol	3.03	59	4566	5.293	ug/l #	72
13) Acrolein	2.29	56	225	Below Cal	#	16
14) Allyl chloride	2.62	41	8443	1.593	ug/l #	62
16) Acetone	2.45	43	30065	17.004	ug/l	96
20) Methylene Chloride	2.86	84	1100	Below Cal		87
25) 2-Butanone	4.71	43	9965	3.852	ug/l #	83
31) Cyclohexane	5.57	56	900	0.214	ug/l #	59
36) 1,1-Dichloropropene	5.66	75	18258	4.737	ug/l #	50
37) Ethyl Acetate	4.71	43	9965	2.011	ug/l #	67
38) Carbon Tetrachloride	5.66	117	24749	6.391	ug/l #	15
39) Methylcyclohexane	7.46	83	3170	0.760	ug/l #	77
43) Isopropyl Acetate	6.47	43	1681	0.255	ug/l #	59
44) Trichloroethene	7.22	130	79	Below Cal		61
51) 4-Methyl-2-Pentanone	8.65	43	1206	0.264	ug/l	98
55) 1,1,2-Trichloroethane	9.16	97	3412	1.274	ug/l #	18
56) Ethyl methacrylate	9.16	69	825	0.211	ug/l #	1
59) 2-Hexanone	9.50	43	1674	0.455	ug/l	96
61) 1,2-Dibromoethane	9.57	107	3102	1.103	ug/l #	4
73) Isopropylbenzene	11.02	105	24523	2.145	ug/l	99
74) N-ethyl acetate	10.91	43	1541	0.280	ug/l #	1
76) 1,2,3-Trichloropropane	11.14	75	83388	22.358	ug/l #	37
78) n-propylbenzene	11.36	91	23074	1.754	ug/l	98
79) 2-Chlorotoluene	11.36	91	23074	2.864	ug/l #	40
81) trans-1,4-Dichloro-2-buten	11.14	75	83388	67.933	ug/l #	10
82) 4-Chlorotoluene	11.36	91	23074	2.416	ug/l #	44
83) tert-Butylbenzene	11.77	119	7914	0.798	ug/l	91
84) 1,2,4-Trimethylbenzene	11.81	105	4886	0.485	ug/l	88
85) sec-Butylbenzene	11.94	105	105884	9.026	ug/l	90
86) p-Isopropyltoluene	12.23	119	23240	2.192	ug/l	96
89) n-Butylbenzene	12.37	91	13496	1.402	ug/l #	30
90) Hexachloroethane	12.67	117	24314	13.306	ug/l #	3

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Quant Title : SW846 8260
QLast Update : Fri Oct 12 11:28:43 2018
Response via : Initial Calibration

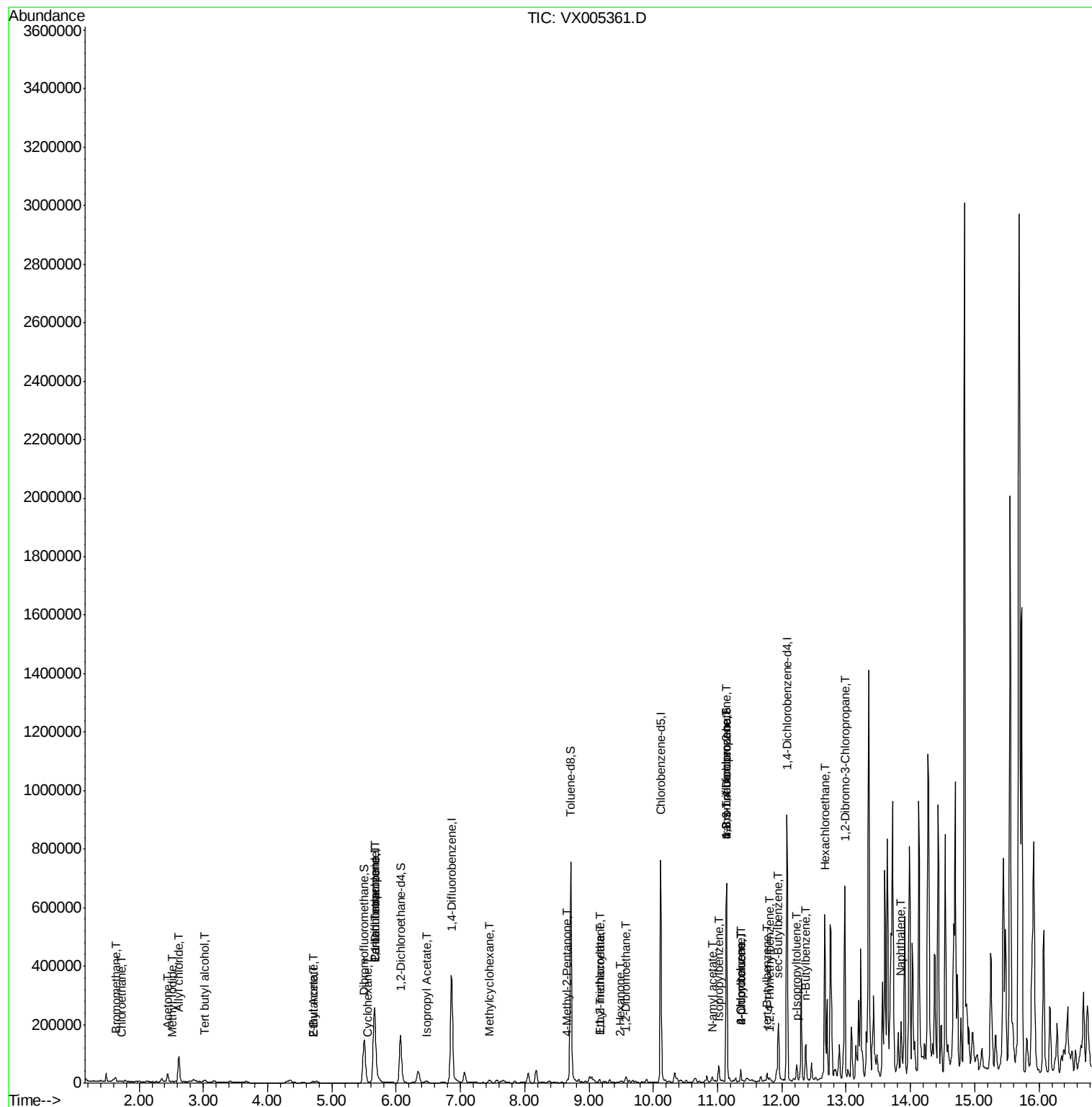
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2-Dibromo-3-Chloropropan	12.97	75	2252	2.141	ug/l #	1
95) Naphthalene	13.85	128	8750	0.660	ug/l #	32

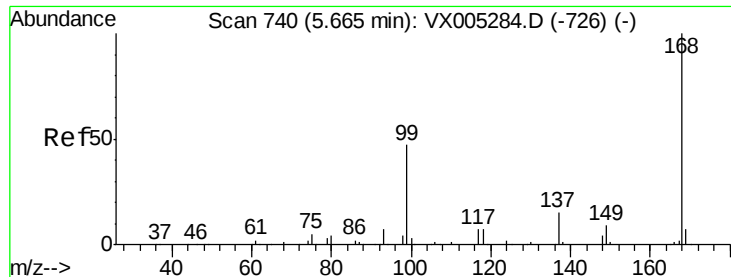
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX005361.D

Acq: 16 Oct 2018 11:00

Instrument :

MSVOA_X

ClientSampleId :

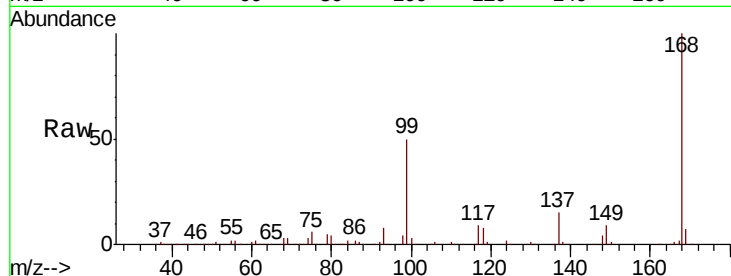
TWP-01

Tgt Ion:168 Resp: 275543

Ion Ratio Lower Upper

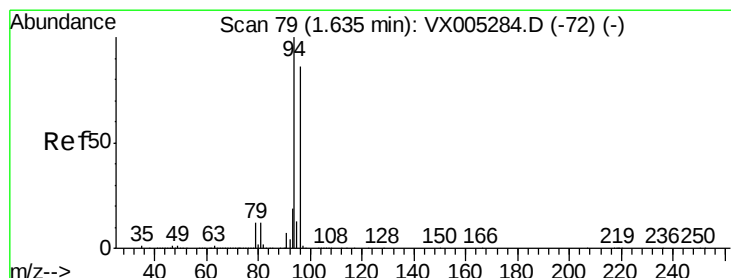
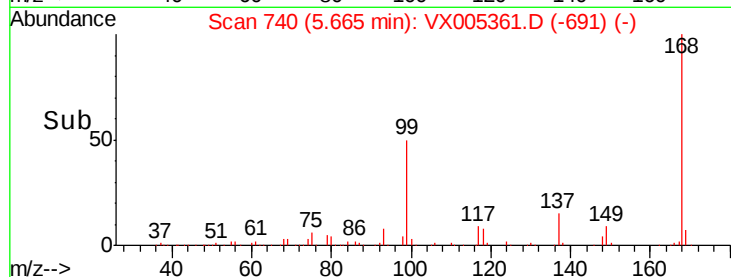
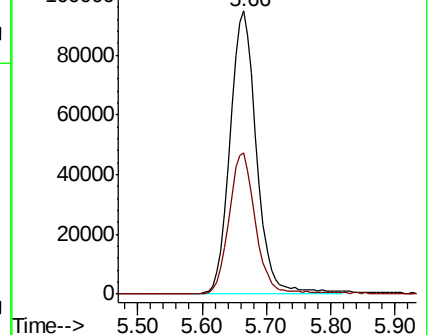
168 100

99 49.9 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: 0.944 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX005361.D

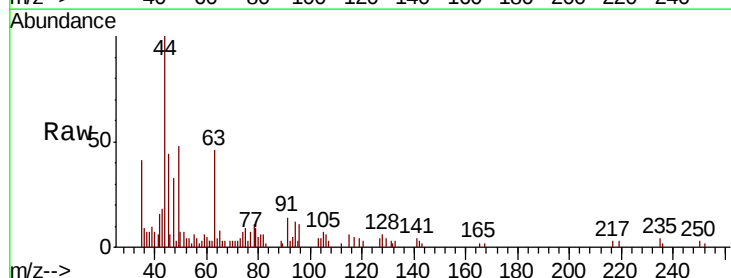
Acq: 16 Oct 2018 11:00

Tgt Ion: 94 Resp: 650

Ion Ratio Lower Upper

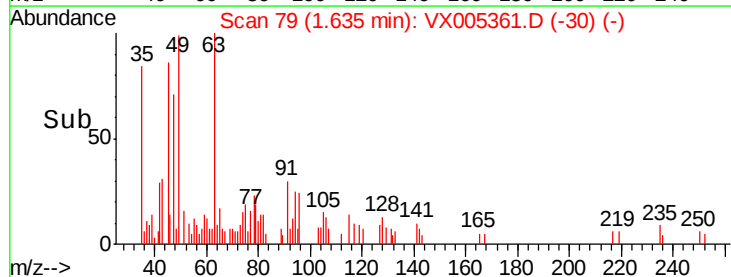
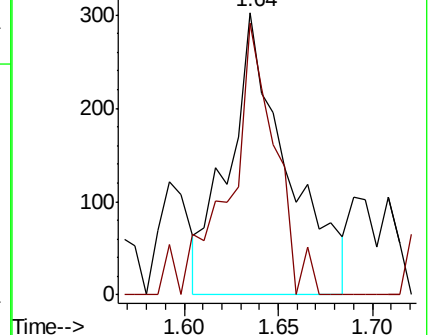
94 100

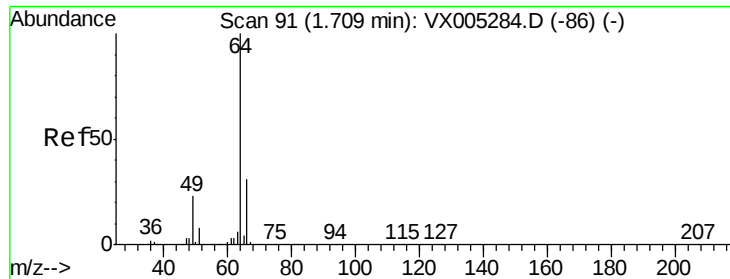
96 121.2 74.5 111.7#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#6

Chloroethane

Concen: 0.477 ug/l

RT: 1.73 min Scan# 95

Delta R.T. 0.02 min

Lab File: VX005361.D

Acq: 16 Oct 2018 11:00

Instrument :

MSVOA_X

ClientSampled :

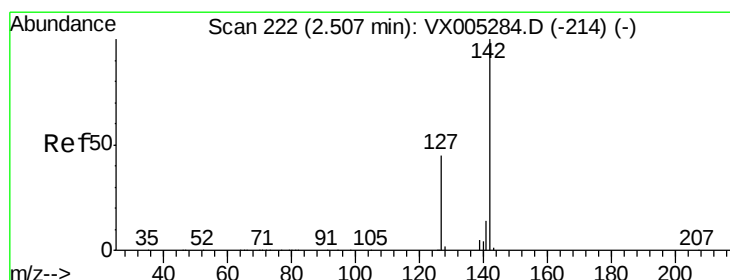
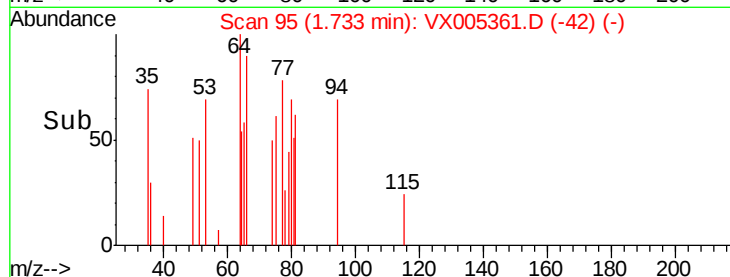
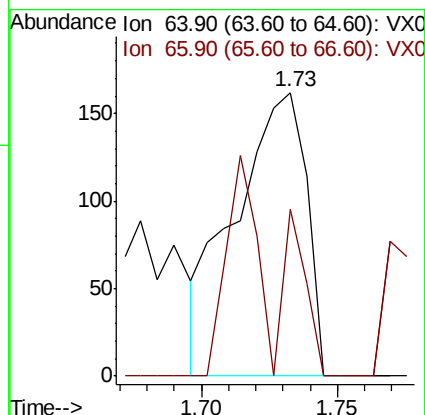
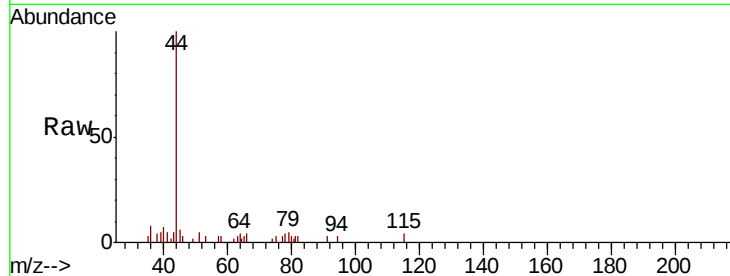
TWP-01

Tgt Ion: 64 Resp: 295

Ion Ratio Lower Upper

64 100

66 58.6 24.6 36.8#



#10

Methyl Iodide

Concen: 2.654 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX005361.D

Acq: 16 Oct 2018 11:00

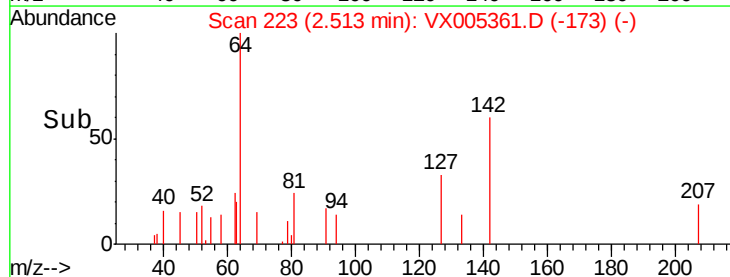
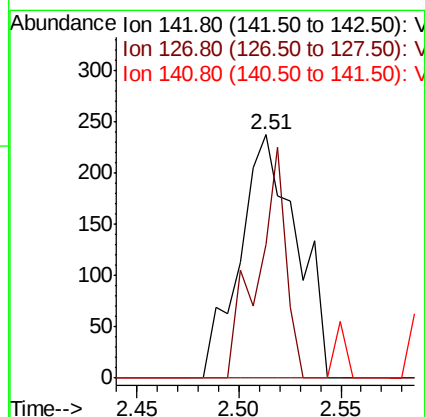
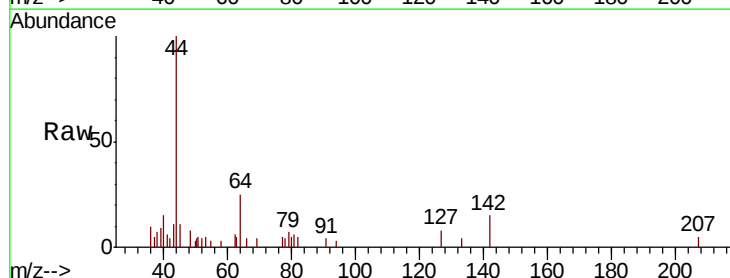
Tgt Ion: 142 Resp: 465

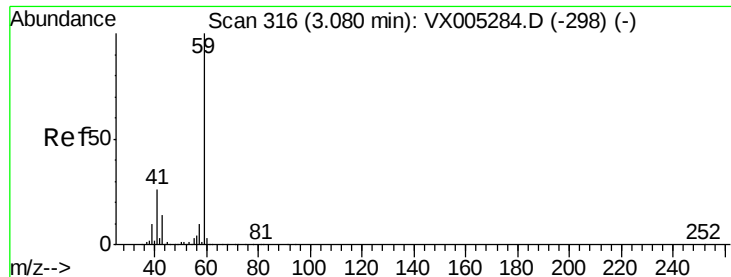
Ion Ratio Lower Upper

142 100

127 47.3 33.8 50.6

141 0.0 11.4 17.0#

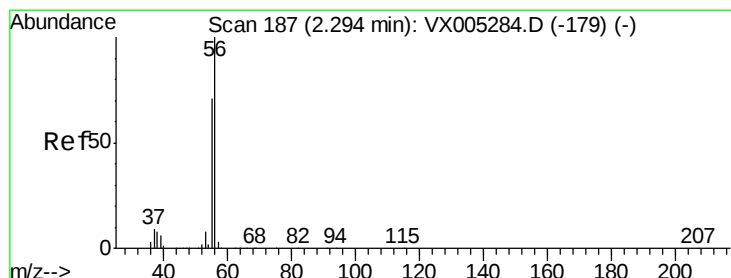
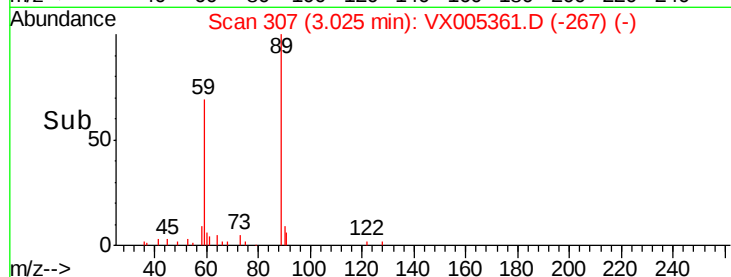
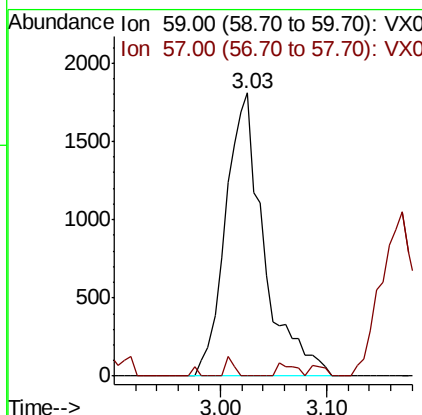
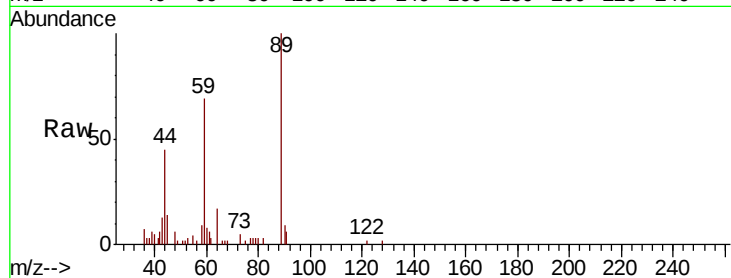




#11
Tert butyl alcohol
Concen: 5.293 ug/l
RT: 3.03 min Scan# 307
Delta R.T. -0.06 min
Lab File: VX005361.D
Acq: 16 Oct 2018 11:00

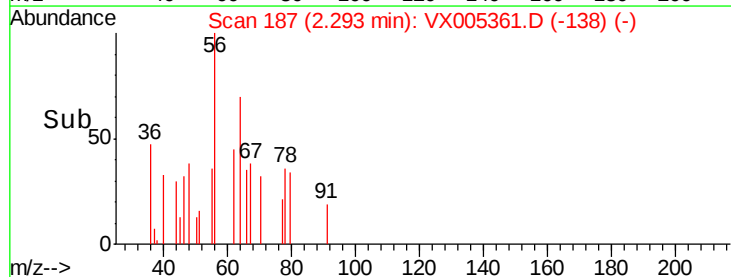
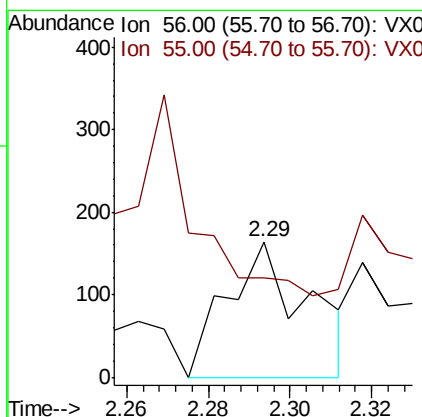
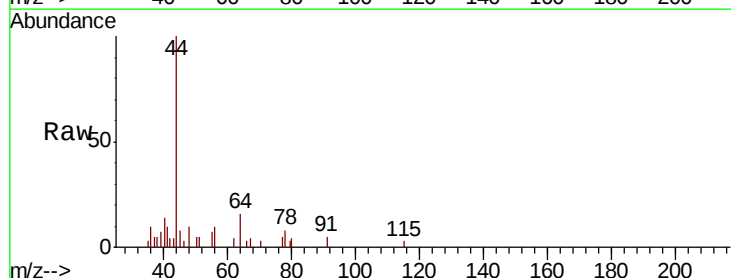
Instrument :
MSVOA_X
ClientSampled :
TWP-01

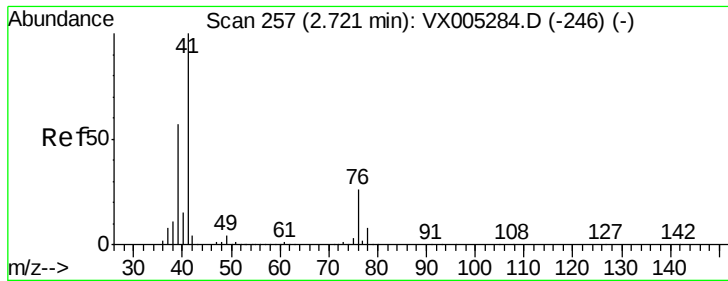
Tgt Ion: 59 Resp: 4566
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#13
Acrolein
Concen: Below Cal
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX005361.D
Acq: 16 Oct 2018 11:00

Tgt Ion: 56 Resp: 225
Ion Ratio Lower Upper
56 100
55 0.0 54.7 82.1#

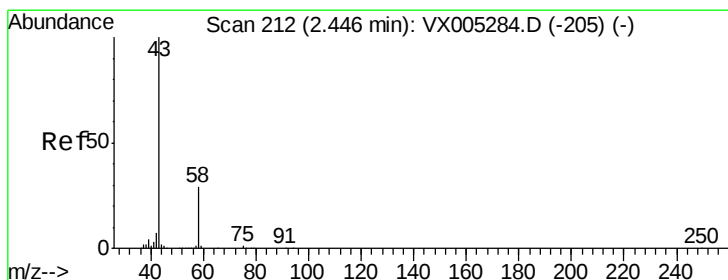
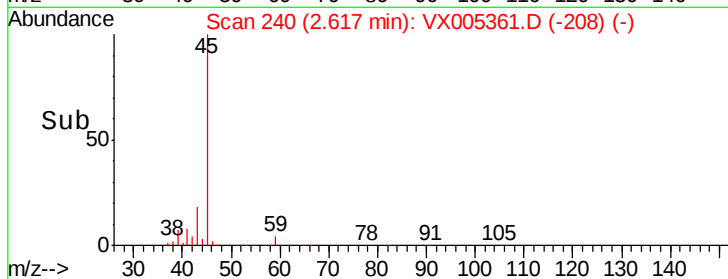
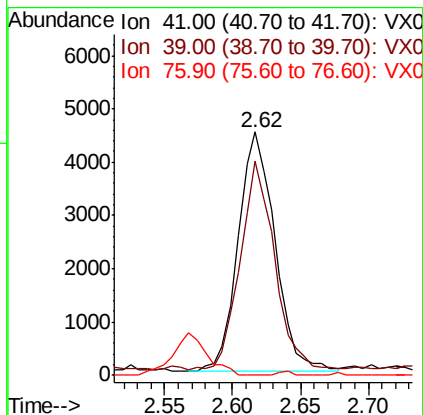
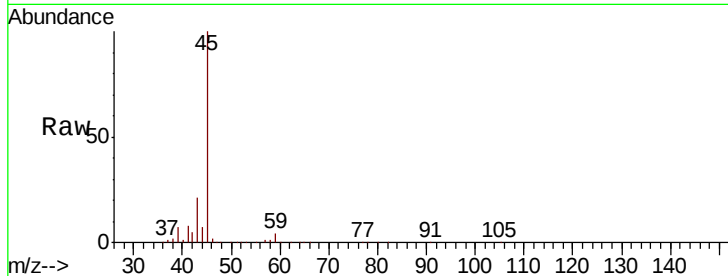




#14
 Allyl chloride
 Concen: 1.593 ug/l
 RT: 2.62 min Scan# 240
 Delta R.T. -0.10 min
 Lab File: VX005361.D
 Acq: 16 Oct 2018 11:00

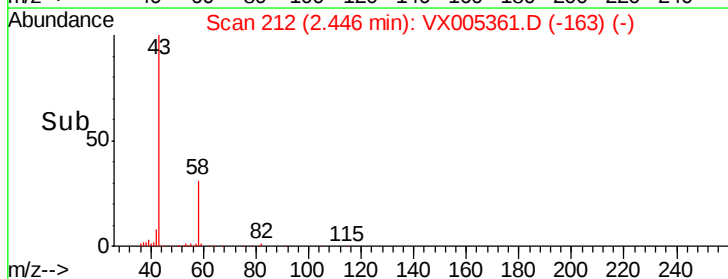
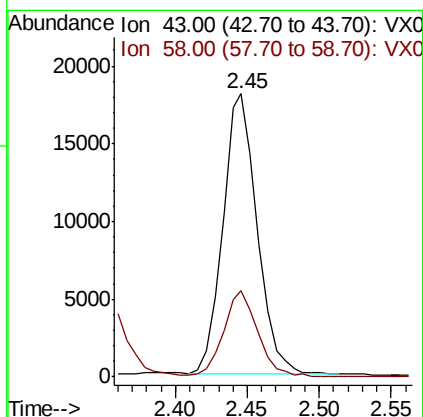
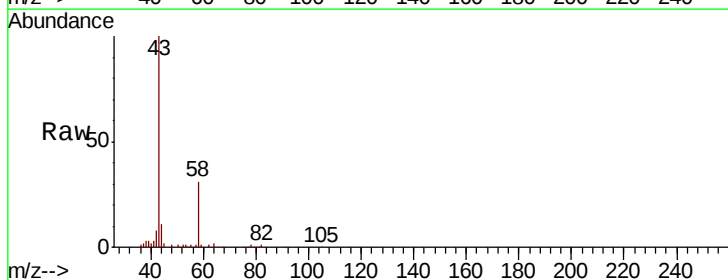
Instrument :
 MSVOA_X
 ClientSampleId :
 TWP-01

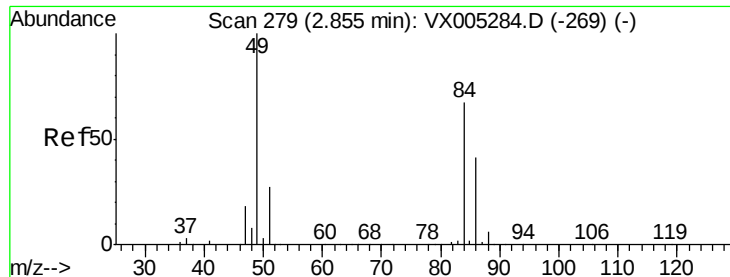
Tgt Ion: 41 Resp: 8443
 Ion Ratio Lower Upper
 41 100
 39 81.8 48.9 73.3#
 76 0.0 26.7 40.1#



#16
 Acetone
 Concen: 17.004 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX005361.D
 Acq: 16 Oct 2018 11:00

Tgt Ion: 43 Resp: 30065
 Ion Ratio Lower Upper
 43 100
 58 30.6 26.2 39.4

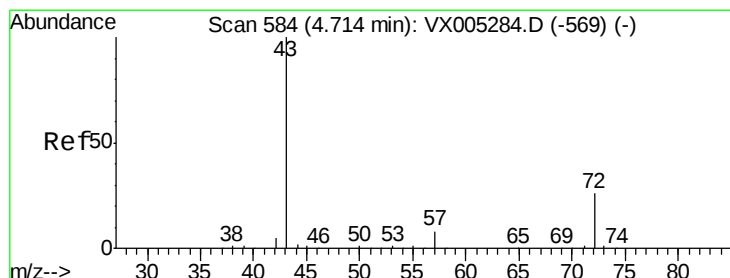
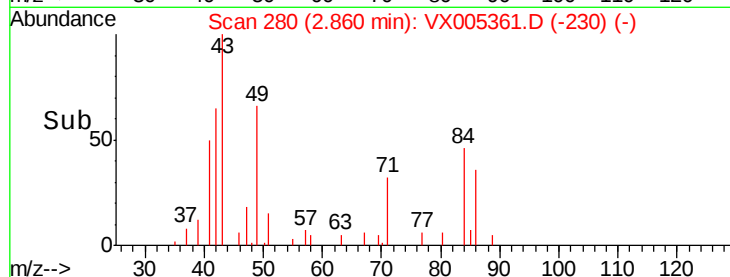
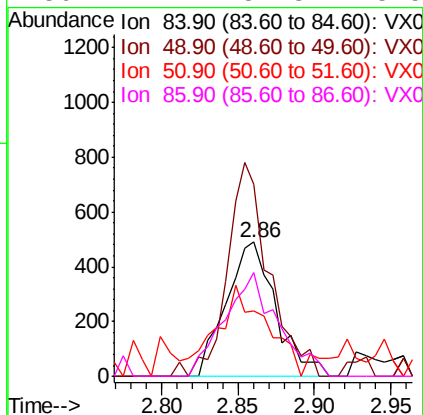
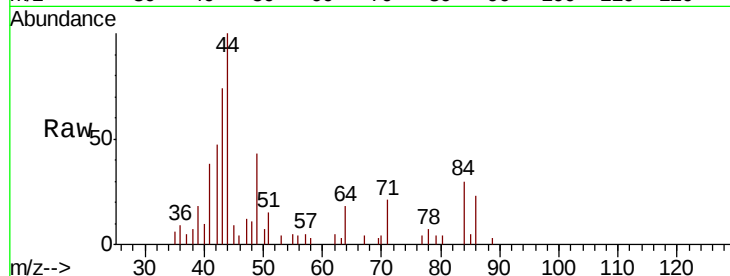




#20
Methylene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX005361.D
Acq: 16 Oct 2018 11:00

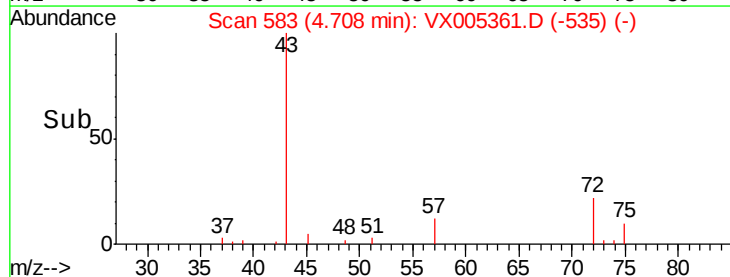
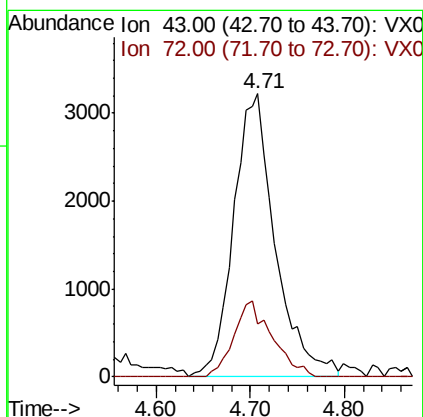
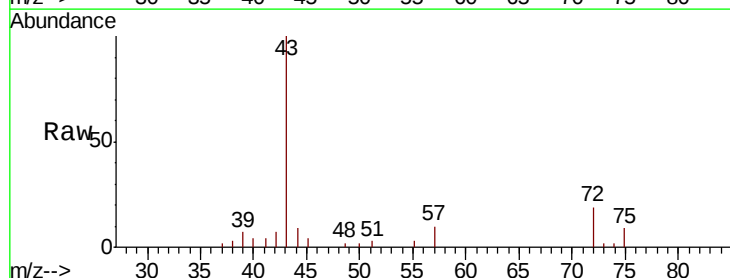
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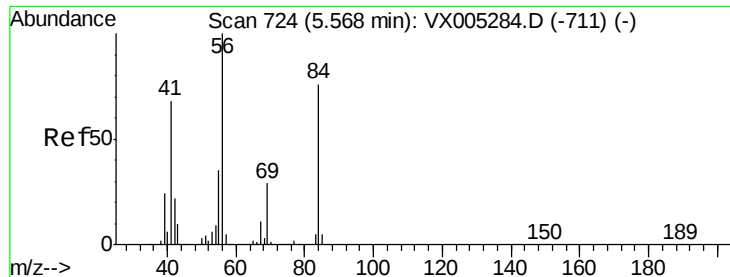
Tgt Ion: 84 Resp: 1100
Ion Ratio Lower Upper
84 100
49 142.9 101.2 151.8
51 34.5 29.5 44.3
86 77.1 52.3 78.5



#25
2-Butanone
Concen: 3.852 ug/l
RT: 4.71 min Scan# 583
Delta R.T. -0.01 min
Lab File: VX005361.D
Acq: 16 Oct 2018 11:00

Tgt Ion: 43 Resp: 9965
Ion Ratio Lower Upper
43 100
72 18.7 22.0 33.0#

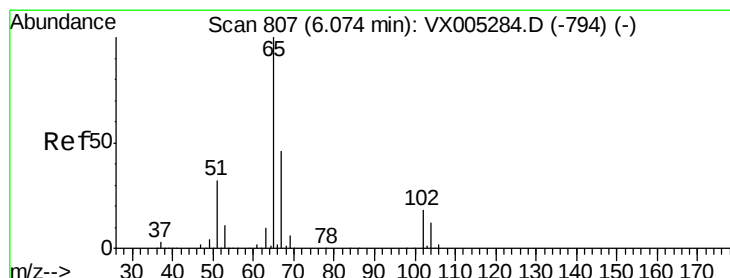
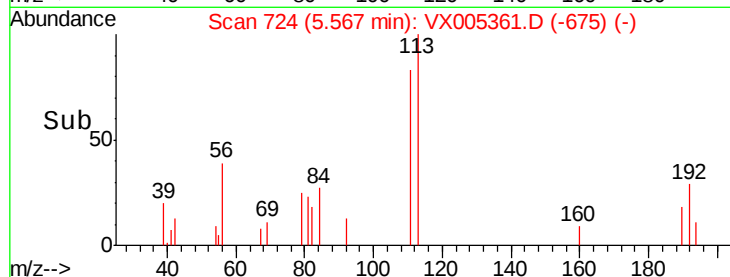
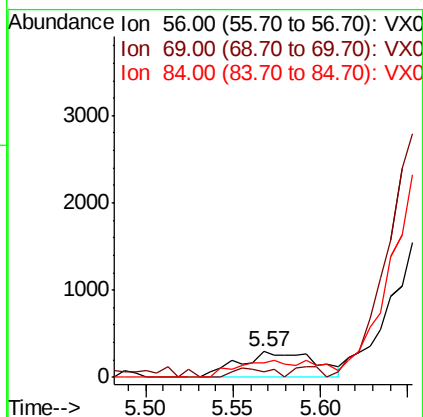
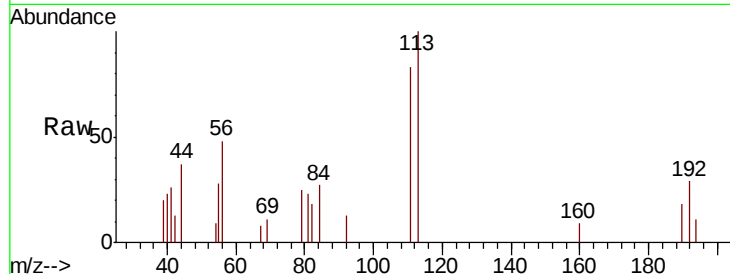




#31
Cyclohexane
Concen: 0.214 ug/l
RT: 5.57 min Scan# 724
Delta R.T. -0.00 min
Lab File: VX005361.D
Acq: 16 Oct 2018 11:00

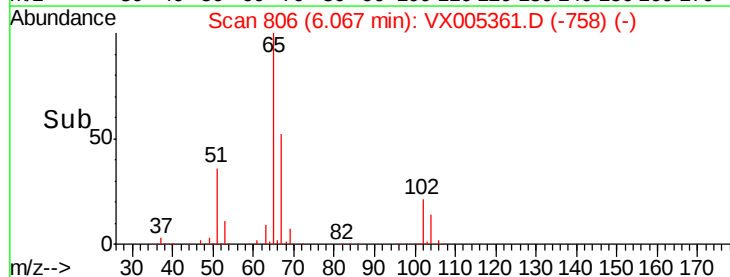
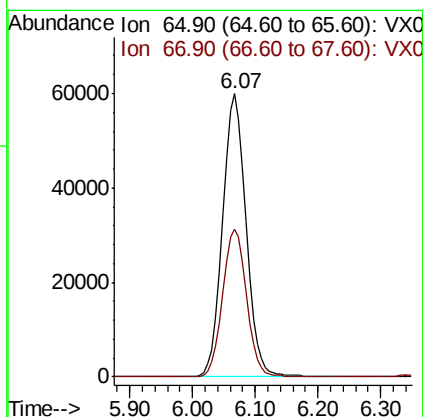
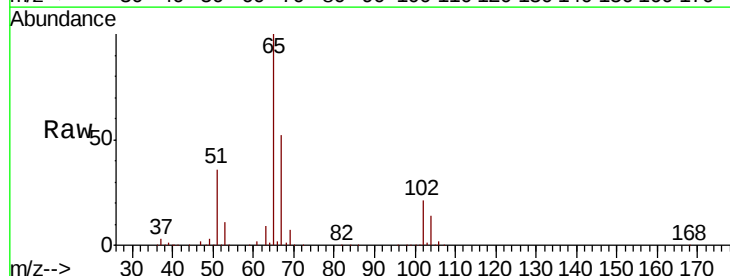
Instrument :
MSVOA_X
ClientSampleId :
TWP-01

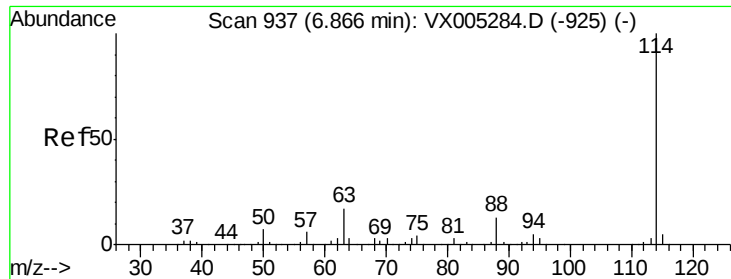
Tgt Ion: 56 Resp: 900
Ion Ratio Lower Upper
56 100
69 0.0 25.4 38.2#
84 55.9 71.4 107.2#



#33
1,2-Dichloroethane-d4
Concen: 50.988 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.01 min
Lab File: VX005361.D
Acq: 16 Oct 2018 11:00

Tgt Ion: 65 Resp: 155927
Ion Ratio Lower Upper
65 100
67 53.1 0.0 106.8

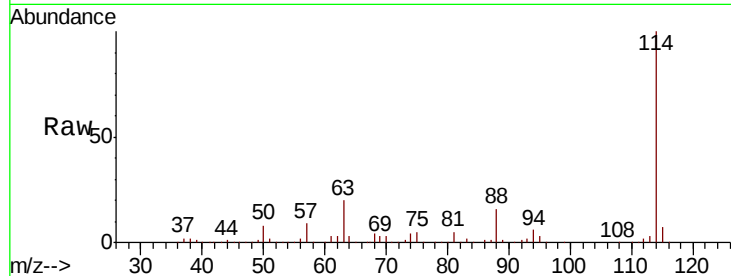




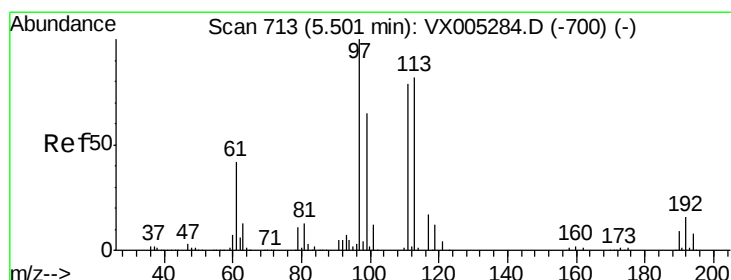
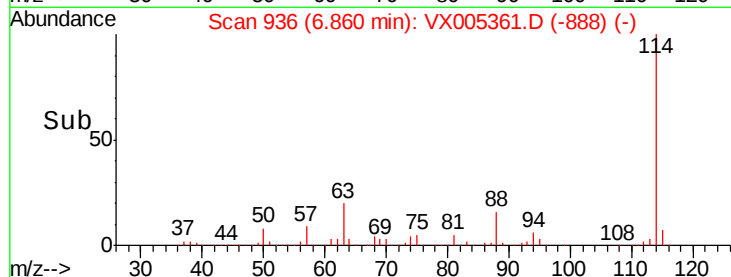
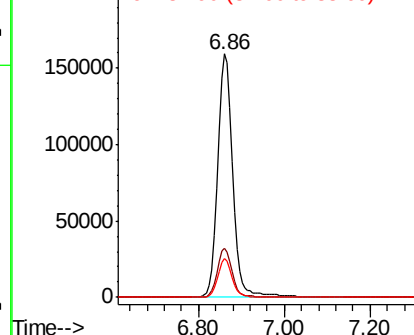
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.01 min
Lab File: VX005361.D
Acq: 16 Oct 2018 11:00

Instrument :
MSVOA_X
ClientSampleId :
TWP-01

Tgt Ion:114 Resp: 397938
Ion Ratio Lower Upper
114 100
63 20.3 0.0 39.0
88 15.9 0.0 30.4

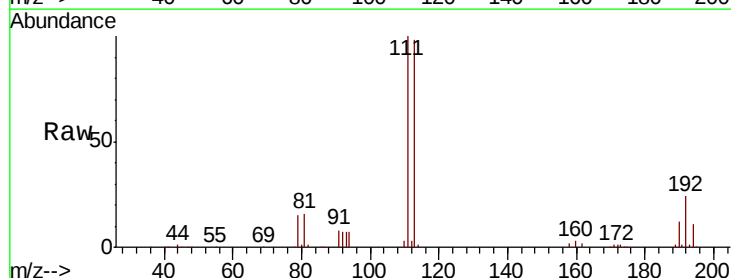


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

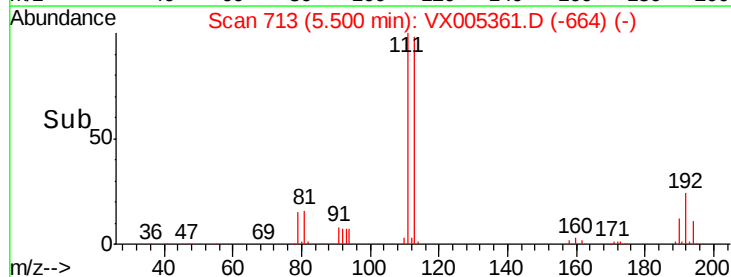
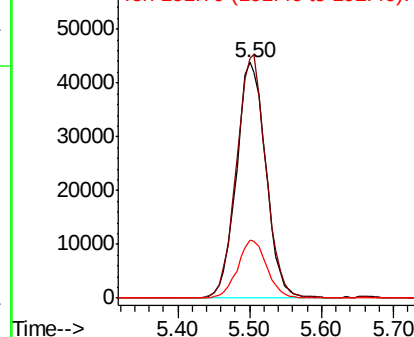


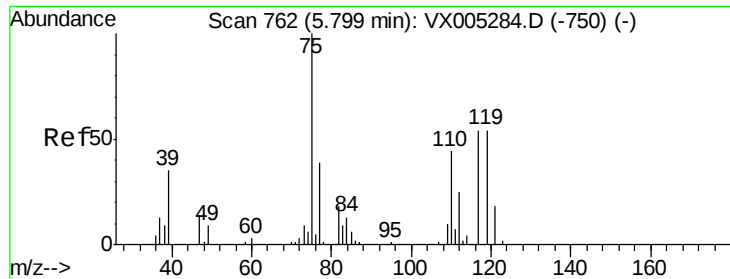
#35
Dibromofluoromethane
Concen: 47.402 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX005361.D
Acq: 16 Oct 2018 11:00

Tgt Ion:113 Resp: 124935
Ion Ratio Lower Upper
113 100
111 102.4 82.4 123.6
192 24.2 19.4 29.2



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

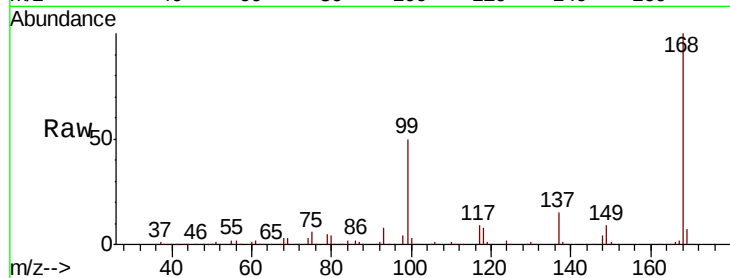




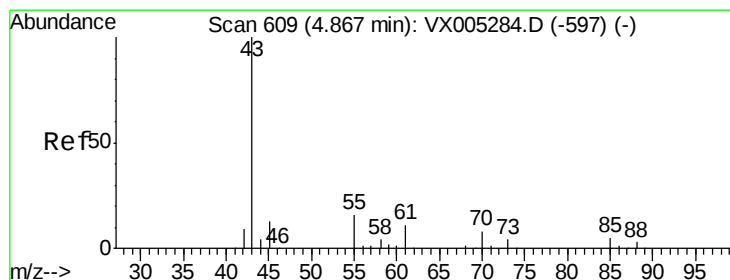
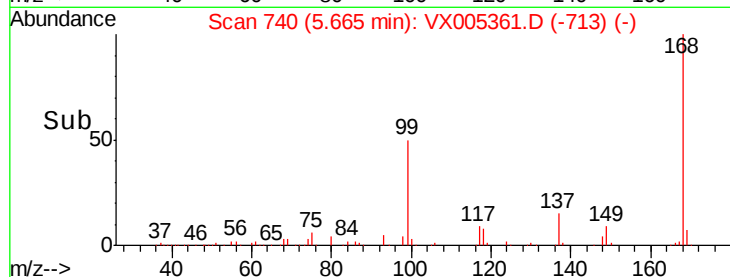
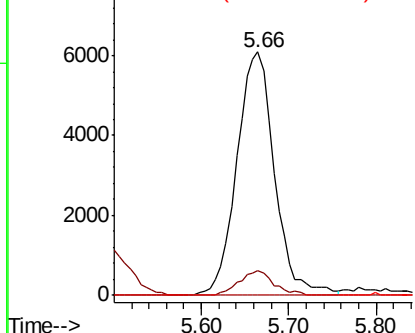
#36
 1,1-Dichloropropene
 Concen: 4.737 ug/l
 RT: 5.66 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX005361.D
 Acq: 16 Oct 2018 11:00

Instrument :
 MSVOA_X
 ClientSampled :
 TWP-01

Tgt Ion: 75 Resp: 18258
 Ion Ratio Lower Upper
 75 100
 110 9.3 18.0 54.0#
 77 0.0 24.6 36.8#

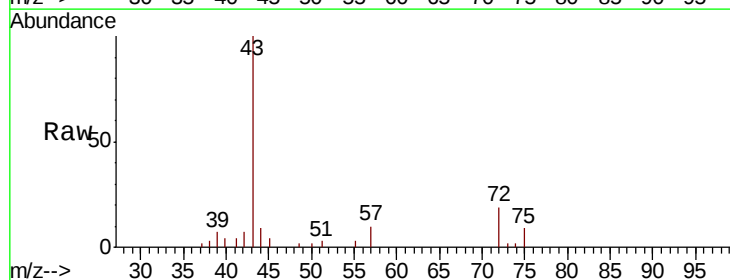


Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

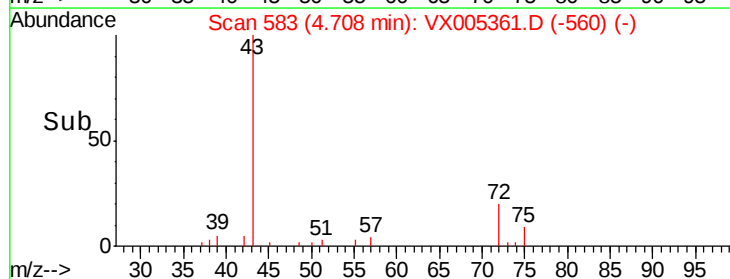
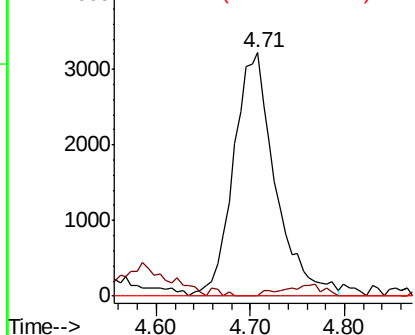


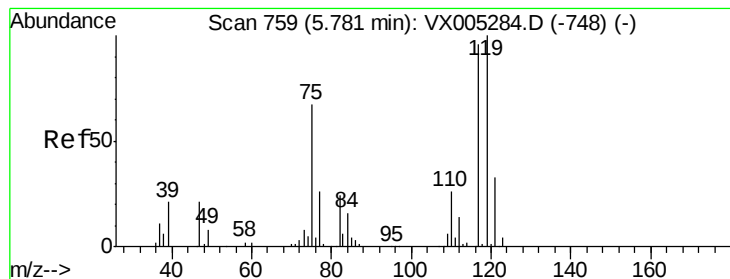
#37
 Ethyl Acetate
 Concen: 2.011 ug/l
 RT: 4.71 min Scan# 583
 Delta R.T. -0.16 min
 Lab File: VX005361.D
 Acq: 16 Oct 2018 11:00

Tgt Ion: 43 Resp: 9965
 Ion Ratio Lower Upper
 43 100
 61 0.0 11.5 17.3#
 70 0.0 9.0 13.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 70.00 (69.70 to 70.70): VX0





#38

Carbon Tetrachloride

Concen: 6.391 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX005361.D

Acq: 16 Oct 2018 11:00

Instrument :

MSVOA_X

ClientSampleId :

TWP-01

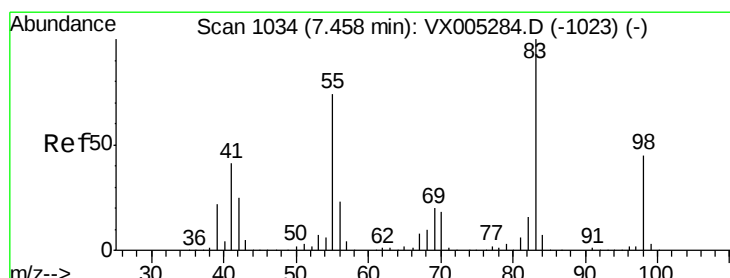
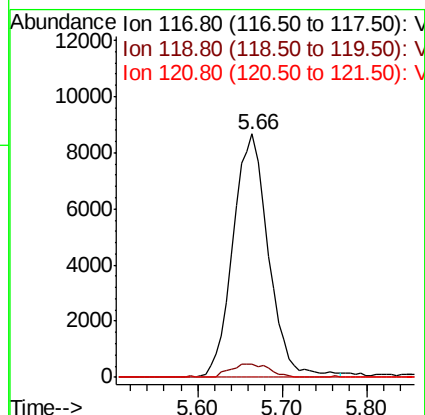
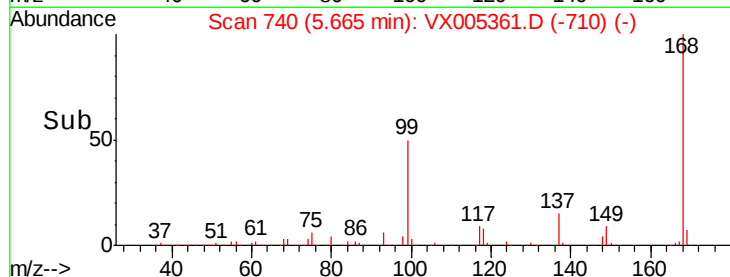
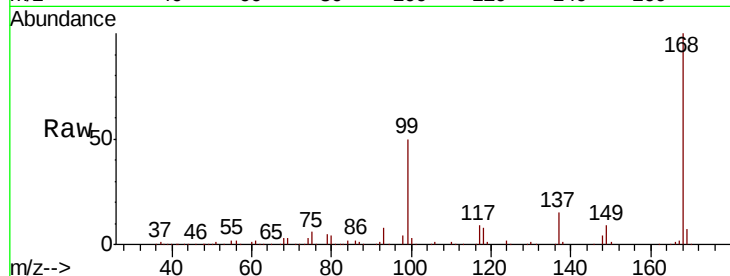
Tgt Ion:117 Resp: 24749

Ion Ratio Lower Upper

117 100

119 5.6 78.8 118.2#

121 0.0 24.9 37.3#



#39

Methylcyclohexane

Concen: 0.760 ug/l

RT: 7.46 min Scan# 1034

Delta R.T. -0.00 min

Lab File: VX005361.D

Acq: 16 Oct 2018 11:00

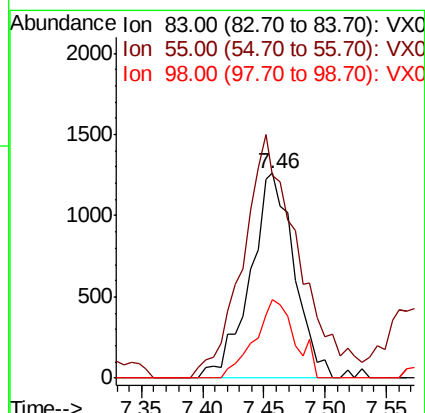
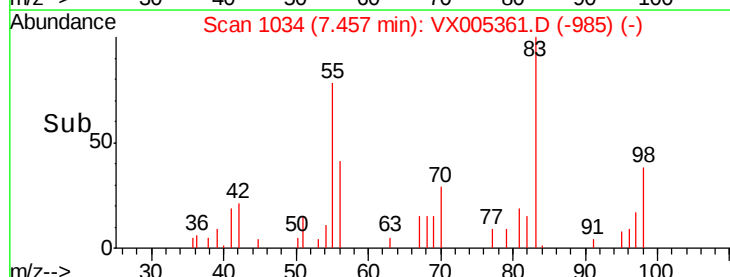
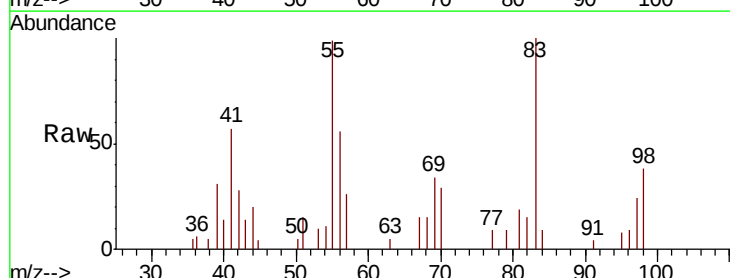
Tgt Ion: 83 Resp: 3170

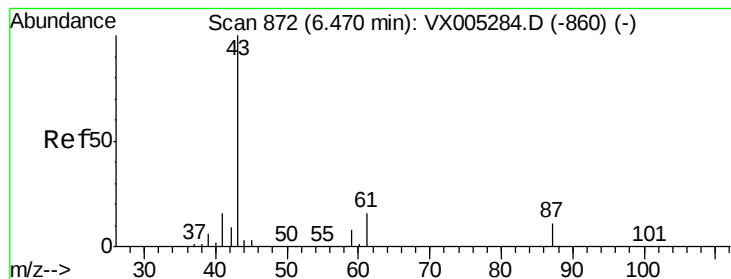
Ion Ratio Lower Upper

83 100

55 99.2 61.0 91.4#

98 38.1 39.6 59.4#





#43

Isopropyl Acetate

Concen: 0.255 ug/l

RT: 6.47 min Scan# 872

Delta R.T. -0.00 min

Lab File: VX005361.D

Acq: 16 Oct 2018 11:00

Instrument :

MSVOA_X

ClientSampleId :

TWP-01

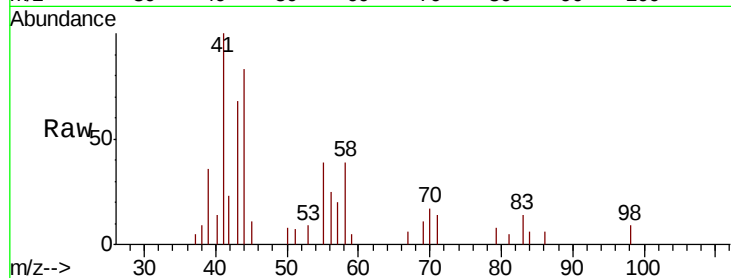
Tgt Ion: 43 Resp: 1681

Ion Ratio Lower Upper

43 100

61 0.0 17.0 25.4#

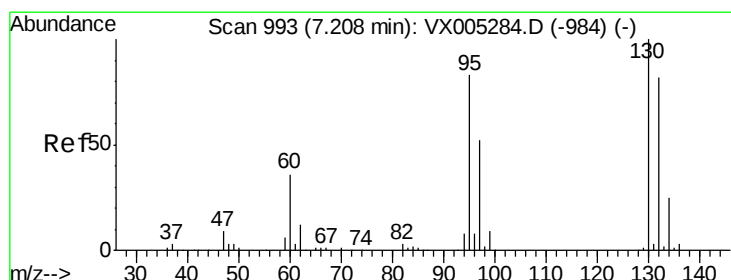
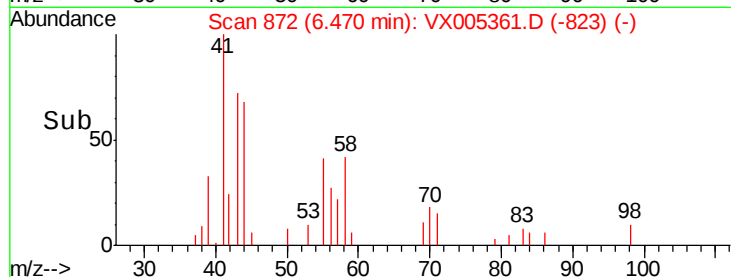
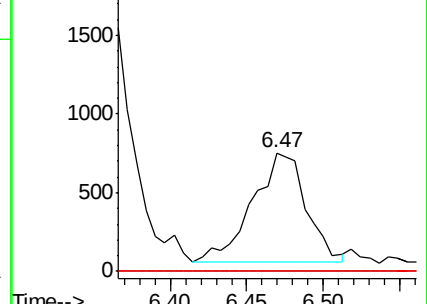
87 0.0 11.4 17.2#



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: Below Cal

RT: 7.22 min Scan# 995

Delta R.T. 0.01 min

Lab File: VX005361.D

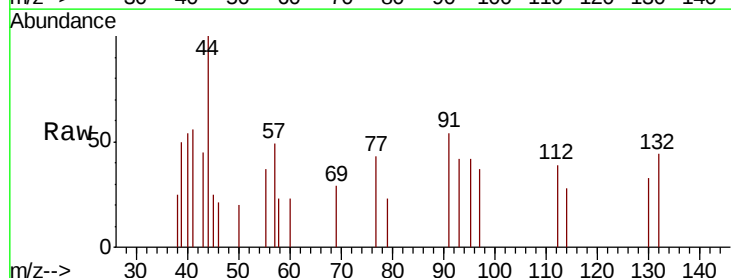
Acq: 16 Oct 2018 11:00

Tgt Ion: 130 Resp: 79

Ion Ratio Lower Upper

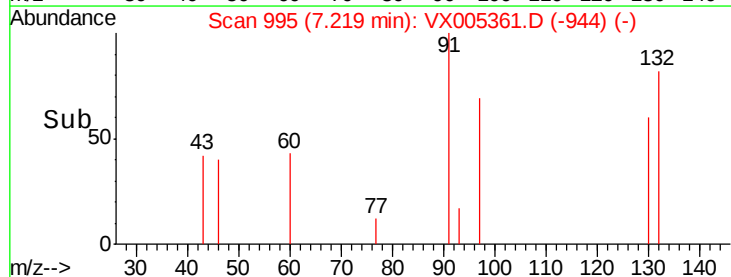
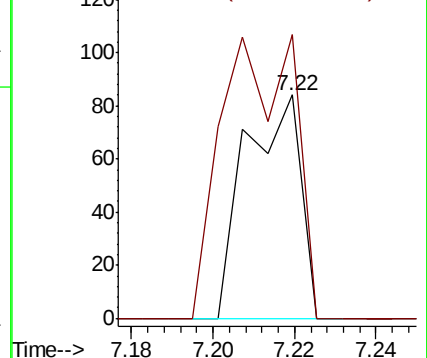
130 100

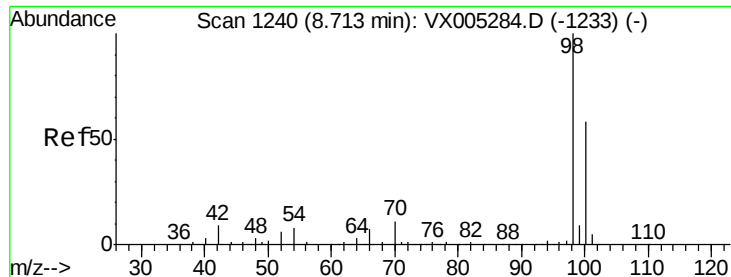
95 127.4 0.0 181.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 53.496 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX005361.D

Acq: 16 Oct 2018 11:00

Instrument :

MSVOA_X

ClientSampleId :

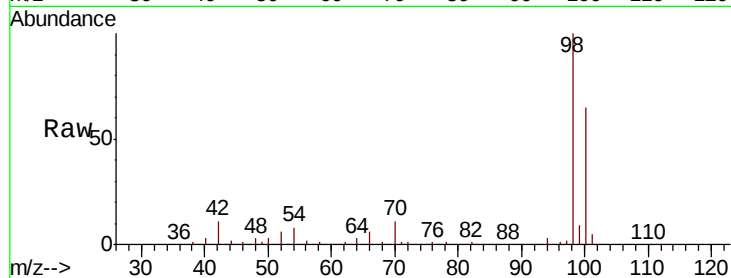
TWP-01

Tgt Ion: 98 Resp: 484046

Ion Ratio Lower Upper

98 100

100 64.1 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.71

300000

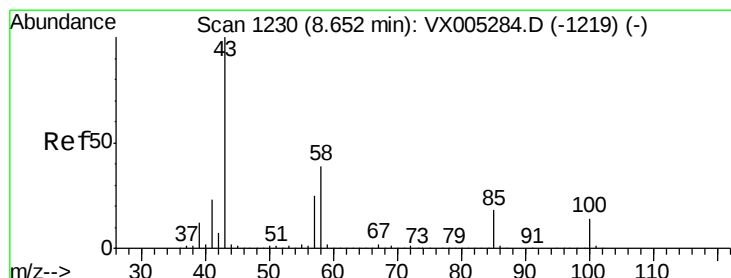
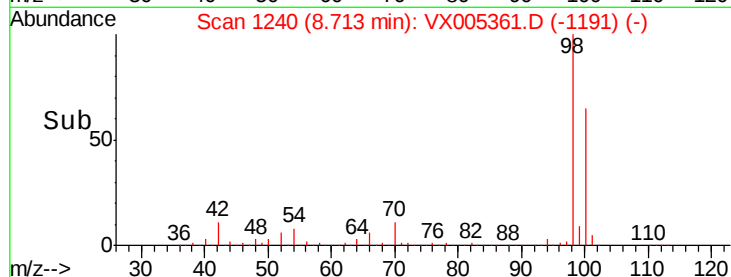
200000

100000

0

8.60 8.70 8.80 8.90

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.264 ug/l

RT: 8.65 min Scan# 1230

Delta R.T. -0.00 min

Lab File: VX005361.D

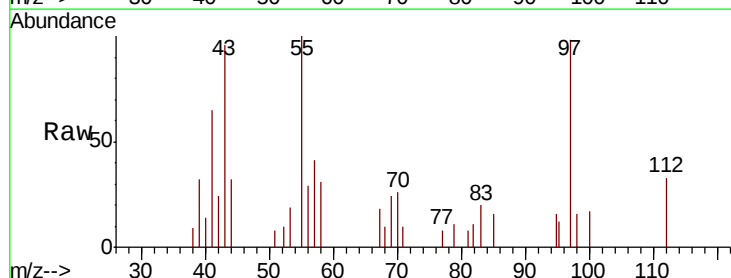
Acq: 16 Oct 2018 11:00

Tgt Ion: 43 Resp: 1206

Ion Ratio Lower Upper

43 100

58 42.5 33.1 49.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

1200

1000

800

600

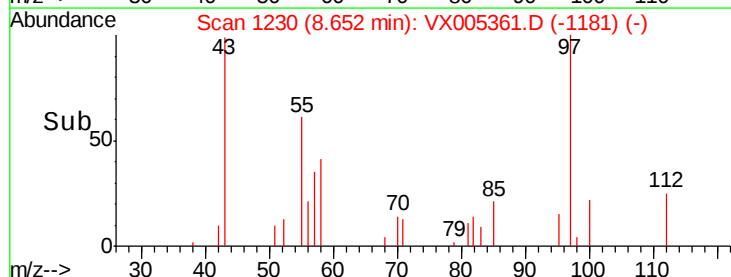
400

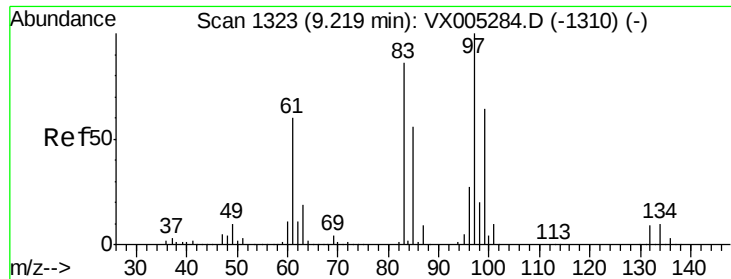
200

0

8.60 8.65 8.70

Time-->

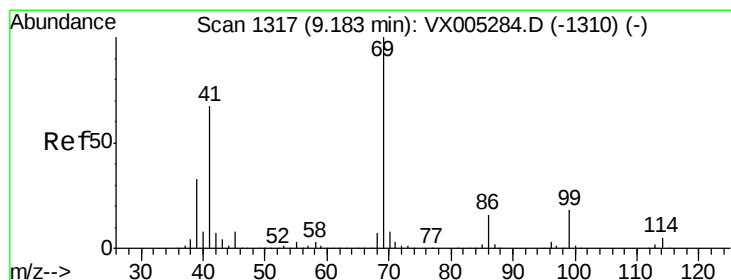
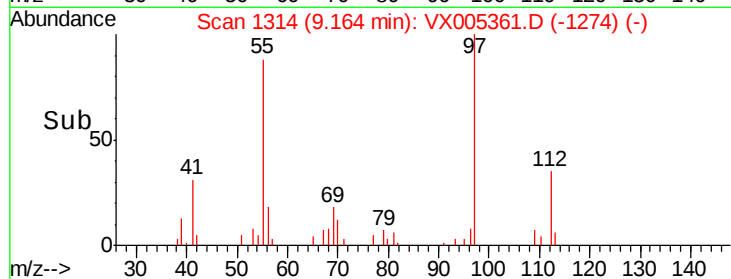
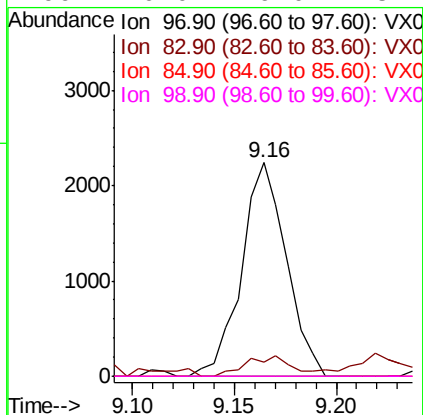
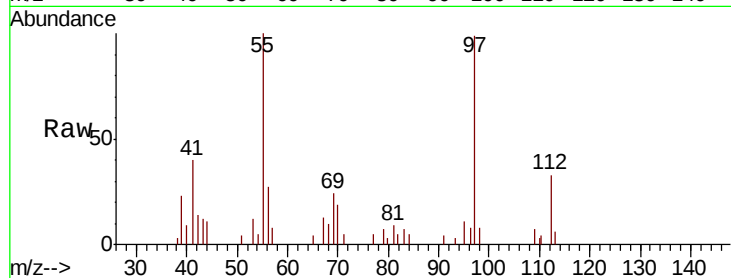




#55
 1,1,2-Trichloroethane
 Concen: 1.274 ug/l
 RT: 9.16 min Scan# 1314
 Delta R.T. -0.06 min
 Lab File: VX005361.D
 Acq: 16 Oct 2018 11:00

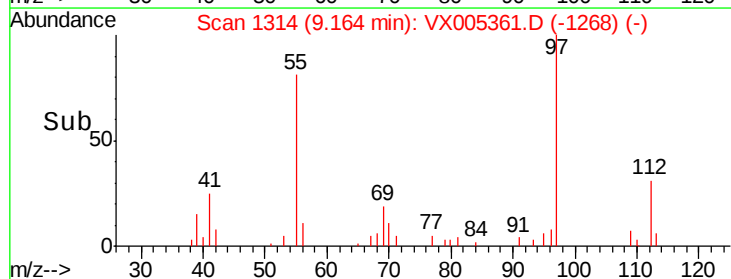
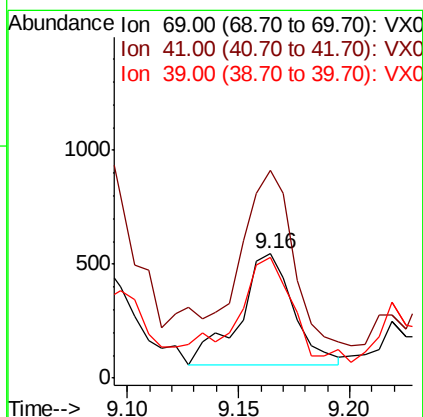
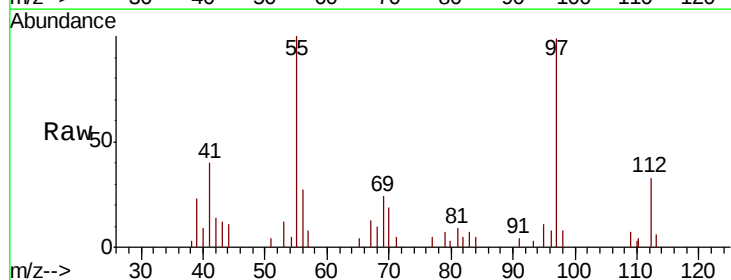
Instrument :
 MSVOA_X
 ClientSampleId :
 TWP-01

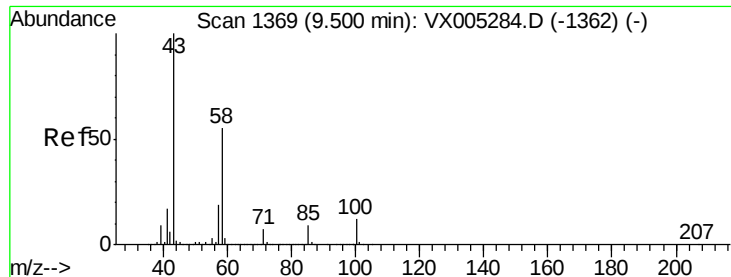
Tgt Ion: 97 Resp: 3412
 Ion Ratio Lower Upper
 97 100
 83 4.3 66.4 99.6#
 85 0.0 43.3 64.9#
 99 0.0 49.0 73.4#



#56
 Ethyl methacrylate
 Concen: 0.211 ug/l
 RT: 9.16 min Scan# 1314
 Delta R.T. -0.02 min
 Lab File: VX005361.D
 Acq: 16 Oct 2018 11:00

Tgt Ion: 69 Resp: 825
 Ion Ratio Lower Upper
 69 100
 41 148.4 51.0 76.4#
 39 81.8 26.1 39.1#

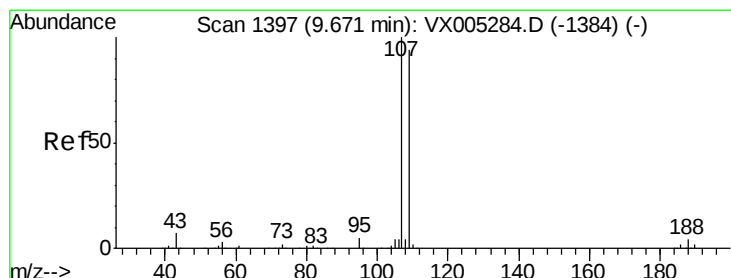
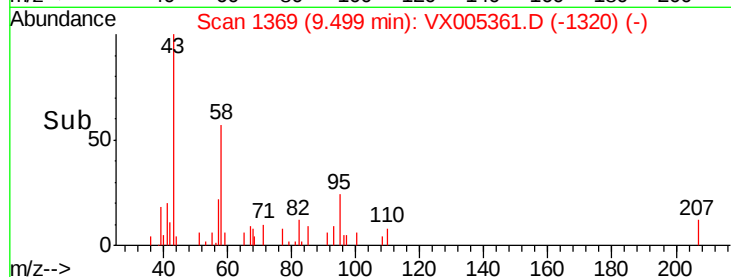
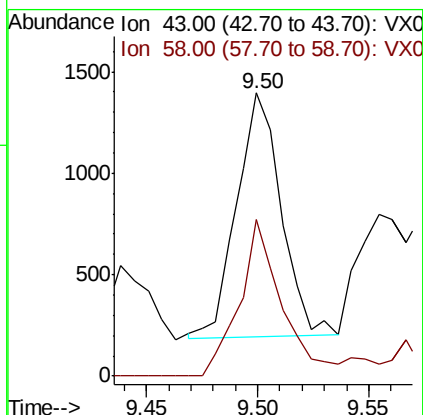
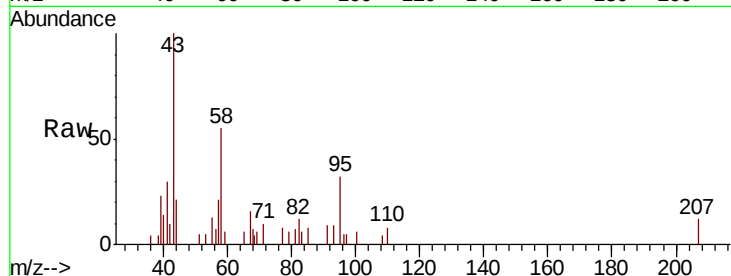




#59
2-Hexanone
Concen: 0.455 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX005361.D
Acq: 16 Oct 2018 11:00

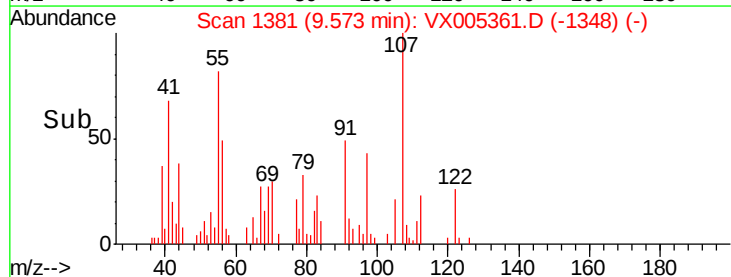
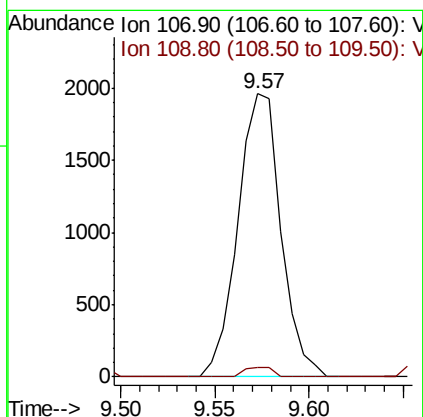
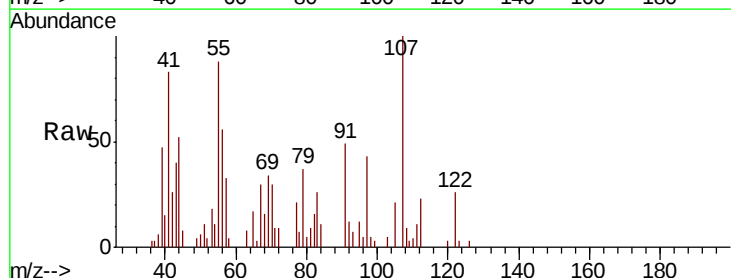
Instrument :
MSVOA_X
ClientSampled :
TWP-01

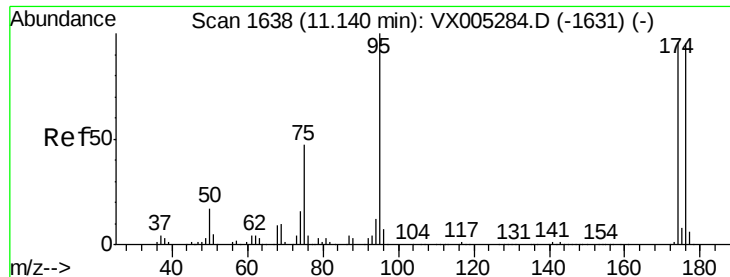
Tgt Ion: 43 Resp: 1674
Ion Ratio Lower Upper
43 100
58 61.2 29.0 87.0



#61
1,2-Dibromoethane
Concen: 1.103 ug/l
RT: 9.57 min Scan# 1381
Delta R.T. -0.10 min
Lab File: VX005361.D
Acq: 16 Oct 2018 11:00

Tgt Ion: 107 Resp: 3102
Ion Ratio Lower Upper
107 100
109 2.2 76.0 114.0#





#62

4-Bromofluorobenzene

Concen: 50.524 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005361.D

Acq: 16 Oct 2018 11:00

Instrument :

MSVOA_X

ClientSampleId :

TWP-01

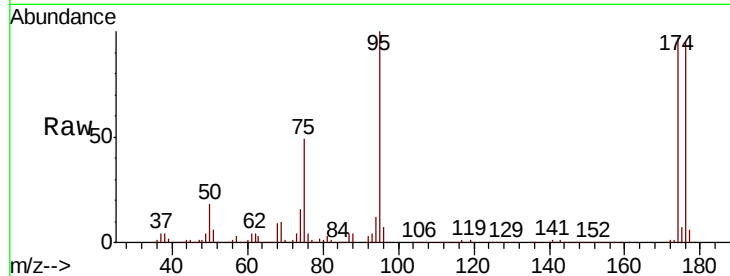
Tgt Ion: 95 Resp: 171738

Ion Ratio Lower Upper

95 100

174 93.2 0.0 185.2

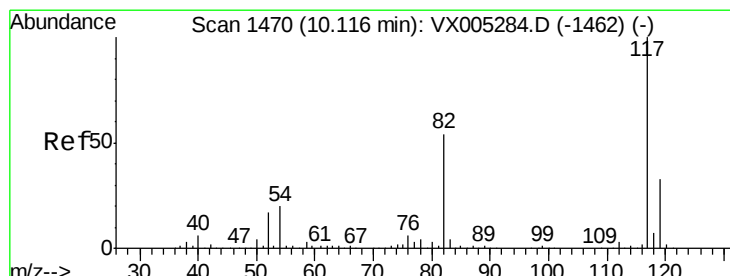
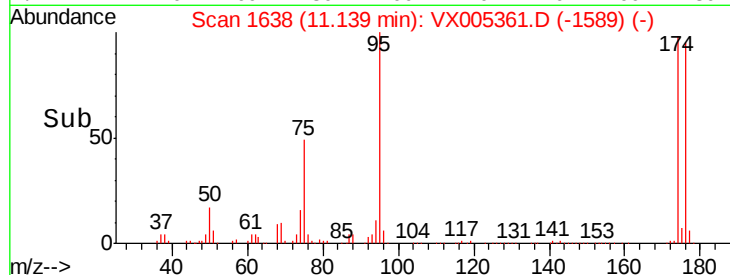
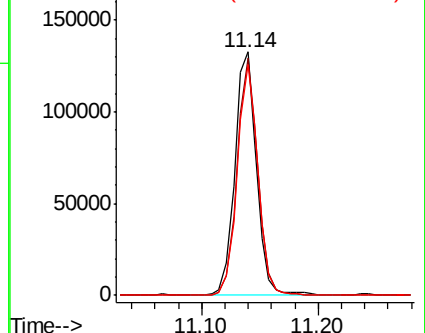
176 90.8 0.0 178.6



Abundance Ion 94.90 (94.60 to 95.60): VX005284.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX005284.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX005284.D (-1631) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX005361.D

Acq: 16 Oct 2018 11:00

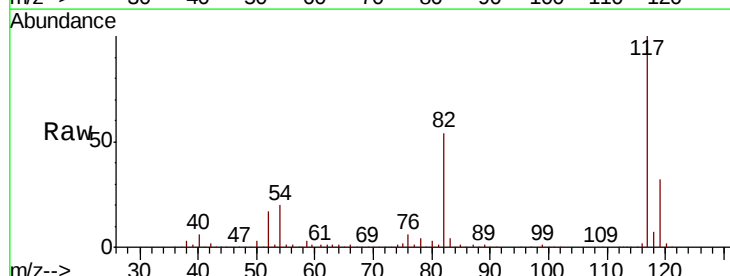
Tgt Ion: 117 Resp: 363898

Ion Ratio Lower Upper

117 100

82 53.6 47.8 71.6

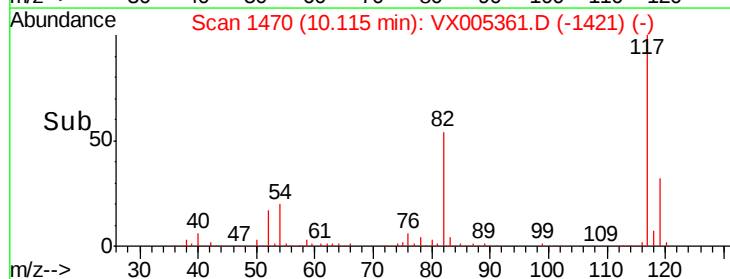
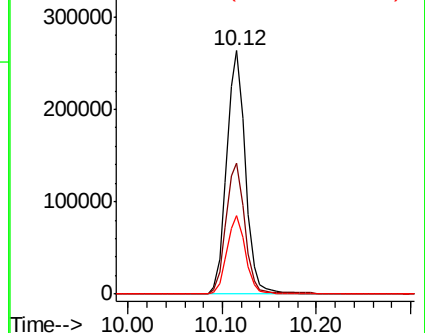
119 32.3 29.3 43.9

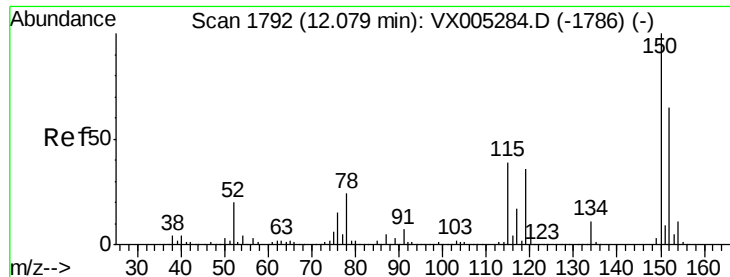


Abundance Ion 116.90 (116.60 to 117.60): VX005284.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX005284.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX005284.D (-1462) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005361.D

Acq: 16 Oct 2018 11:00

Instrument :

MSVOA_X

ClientSampleId :

TWP-01

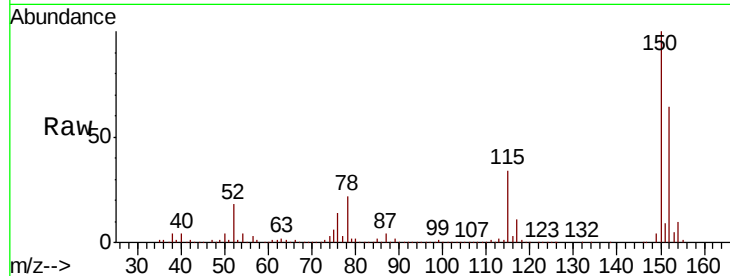
Tgt Ion:152 Resp: 192283

Ion Ratio Lower Upper

152 100

115 54.9 39.0 117.0

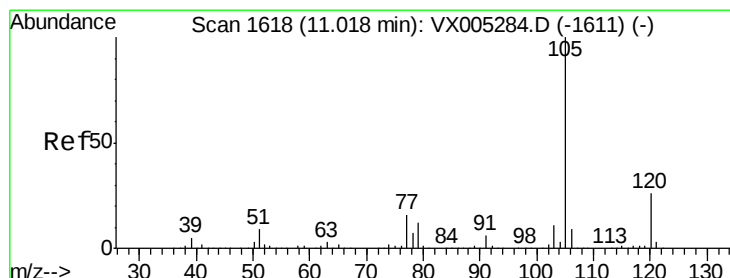
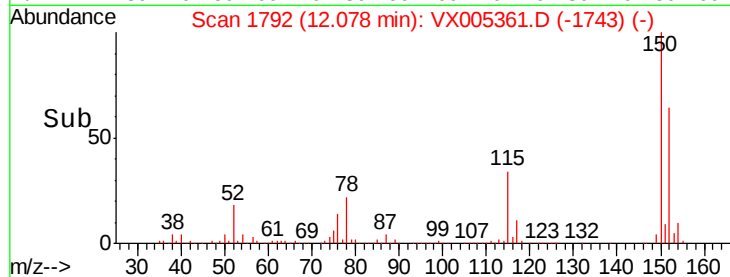
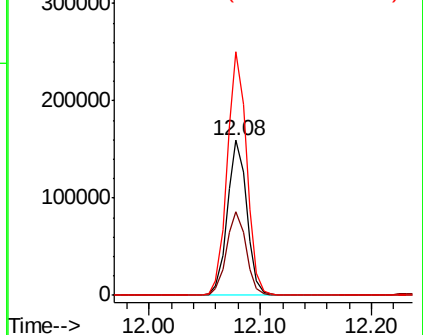
150 157.2 0.0 351.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 2.145 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005361.D

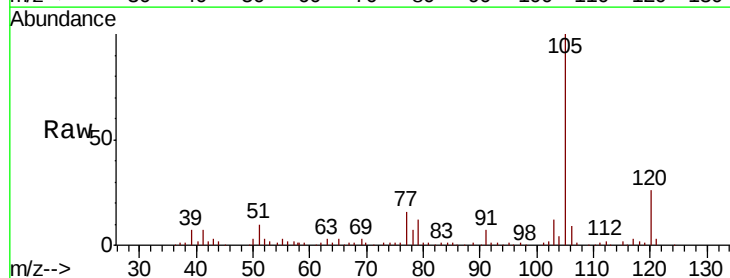
Acq: 16 Oct 2018 11:00

Tgt Ion:105 Resp: 24523

Ion Ratio Lower Upper

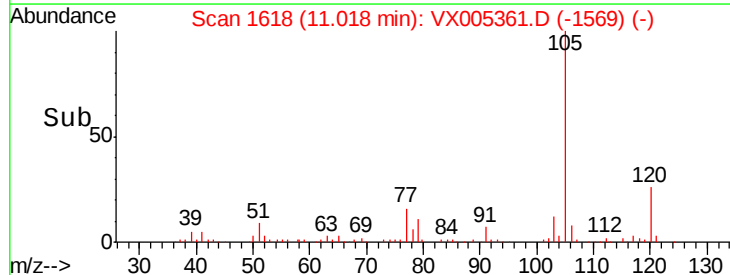
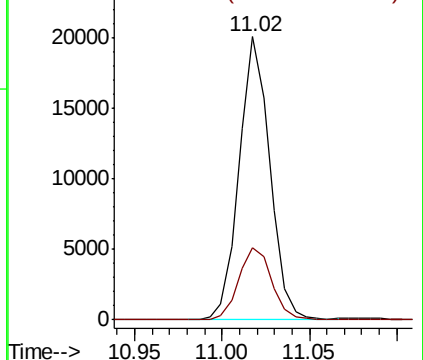
105 100

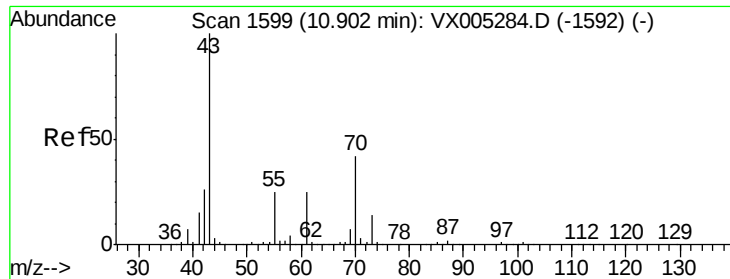
120 27.3 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-ethyl acetate

Concen: 0.280 ug/l

RT: 10.91 min Scan# 1601

Delta R.T. 0.01 min

Lab File: VX005361.D

Acq: 16 Oct 2018 11:00

Instrument :

MSVOA_X

ClientSampled :

TWP-01

Tgt Ion: 43 Resp: 1541

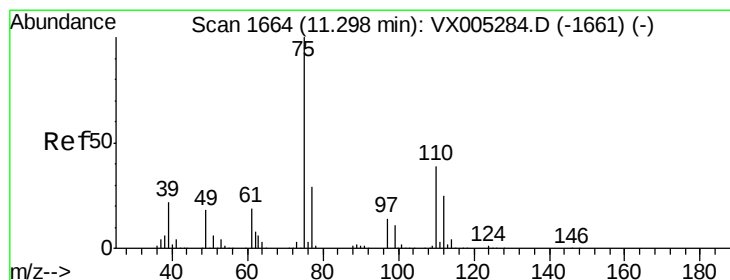
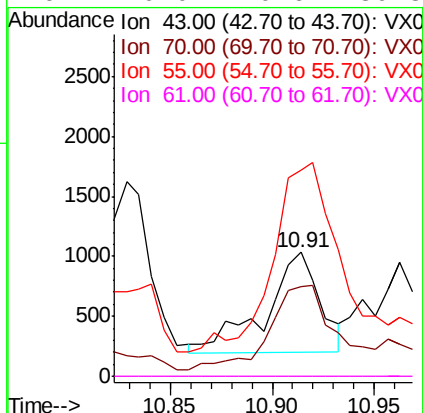
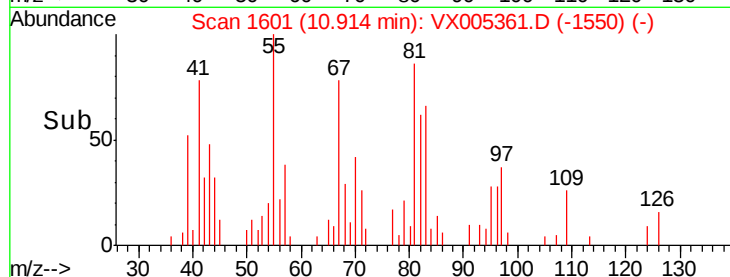
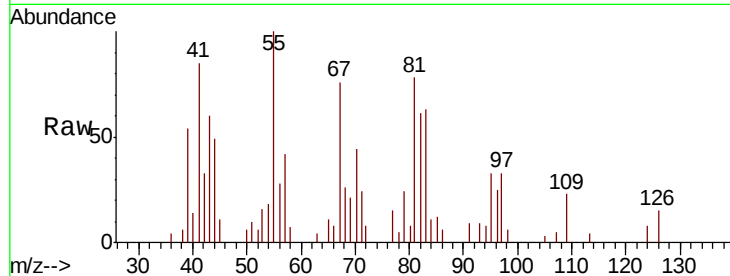
Ion Ratio Lower Upper

43 100

70 103.2 37.4 56.0#

55 253.9 21.8 32.8#

61 0.0 20.6 30.8#



#76

1,2,3-Trichloropropane

Concen: 22.358 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX005361.D

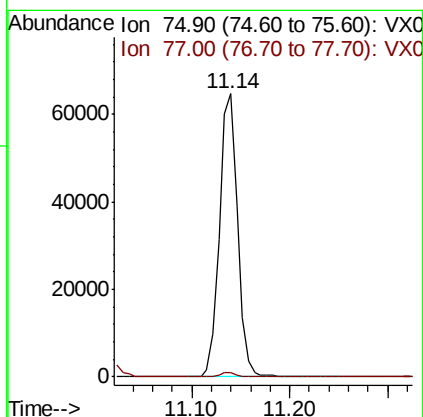
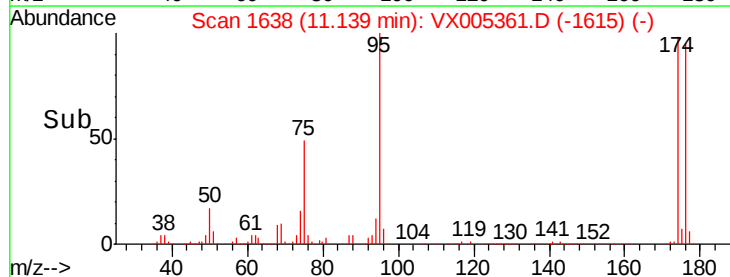
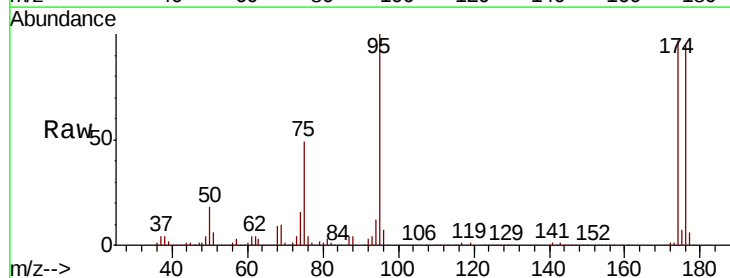
Acq: 16 Oct 2018 11:00

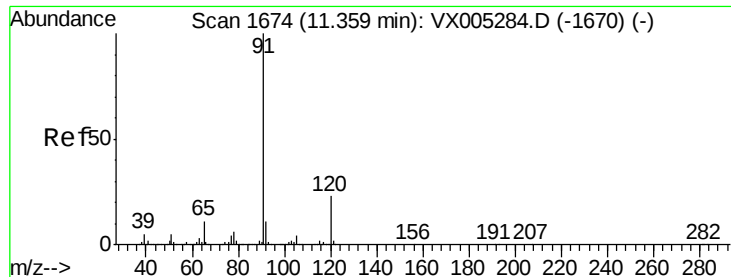
Tgt Ion: 75 Resp: 83388

Ion Ratio Lower Upper

75 100

77 1.2 20.2 60.6#

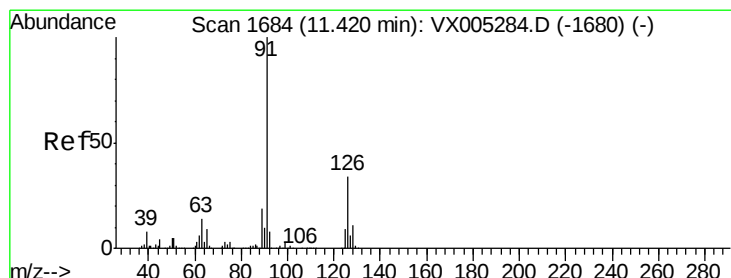
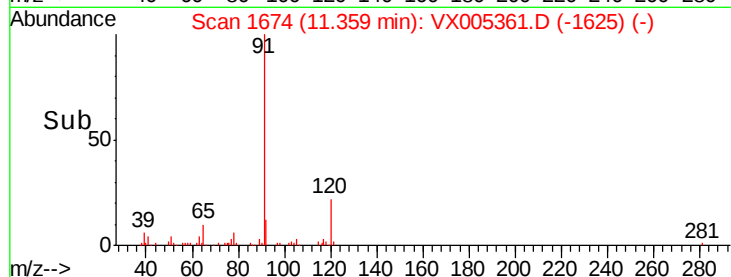
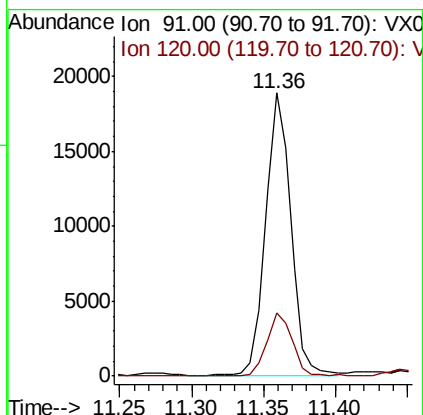
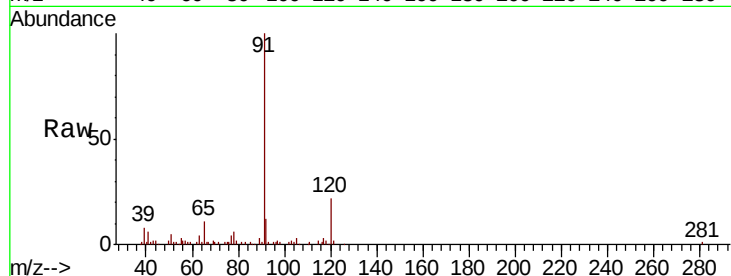




#78
n-propylbenzene
Concen: 1.754 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VX005361.D
Acq: 16 Oct 2018 11:00

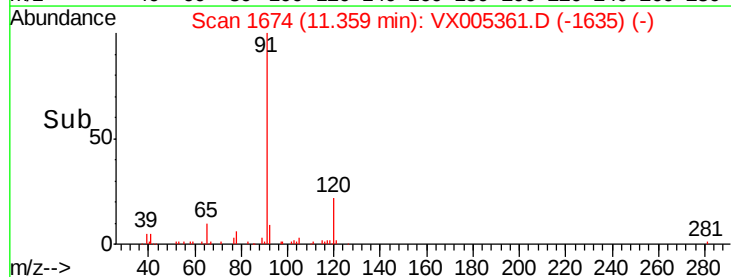
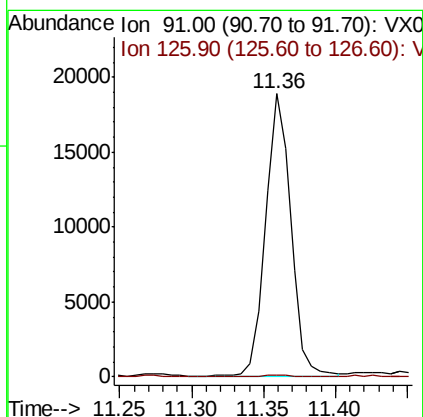
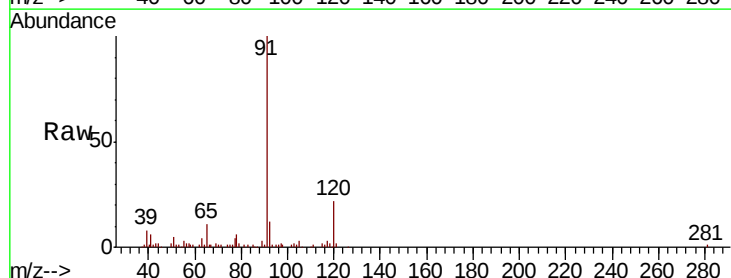
Instrument :
MSVOA_X
ClientSampleId :
TWP-01

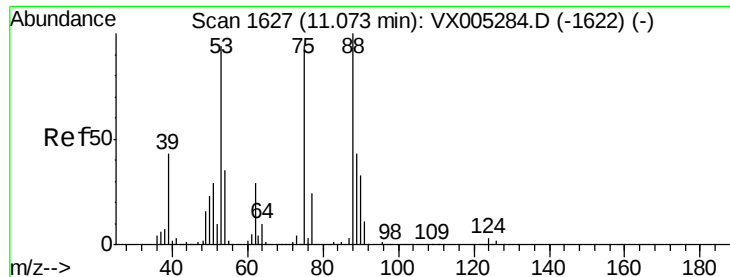
Tgt Ion: 91 Resp: 23074
Ion Ratio Lower Upper
91 100
120 22.8 11.9 35.9



#79
2-Chlorotoluene
Concen: 2.864 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.06 min
Lab File: VX005361.D
Acq: 16 Oct 2018 11:00

Tgt Ion: 91 Resp: 23074
Ion Ratio Lower Upper
91 100
126 0.4 17.9 53.7#





#81

trans-1,4-Dichloro-2-butene

Concen: 67.933 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.07 min

Lab File: VX005361.D

Acq: 16 Oct 2018 11:00

Instrument :

MSVOA_X

ClientSampleId :

TWP-01

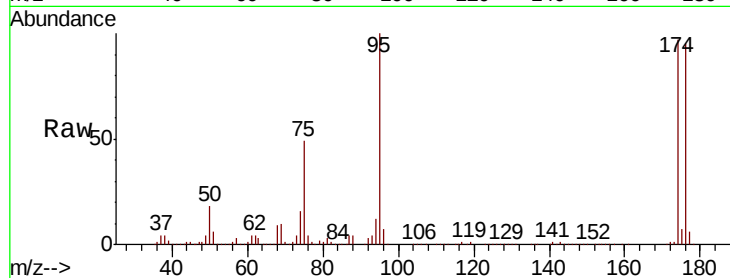
Tgt Ion: 75 Resp: 83388

Ion Ratio Lower Upper

75 100

53 0.2 80.1 120.1#

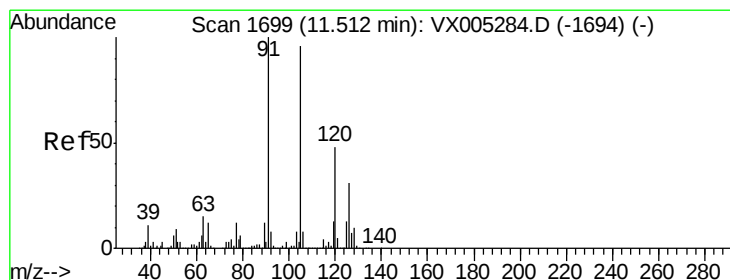
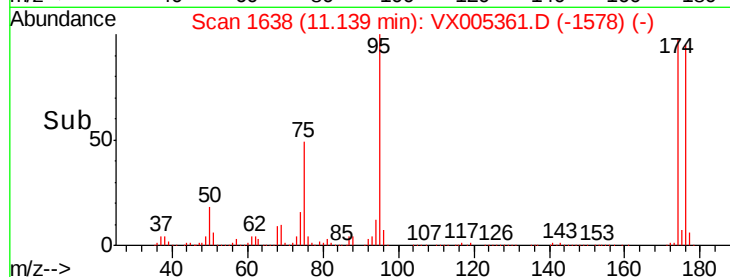
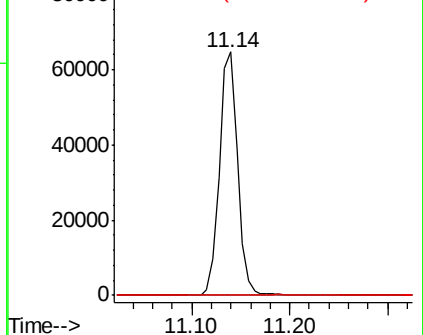
89 0.0 37.2 55.8#



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



#82

4-Chlorotoluene

Concen: 2.416 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.15 min

Lab File: VX005361.D

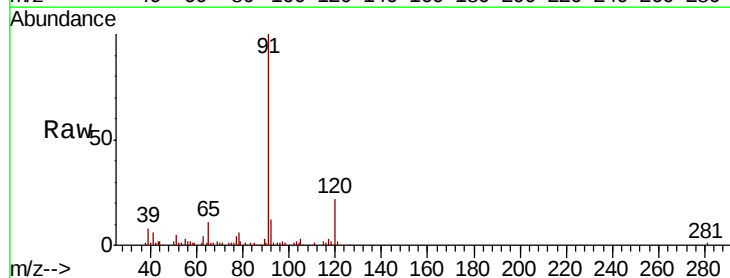
Acq: 16 Oct 2018 11:00

Tgt Ion: 91 Resp: 23074

Ion Ratio Lower Upper

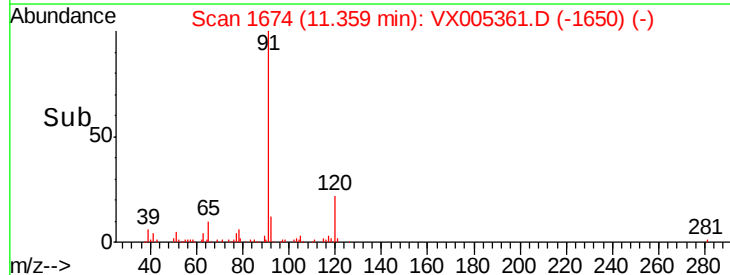
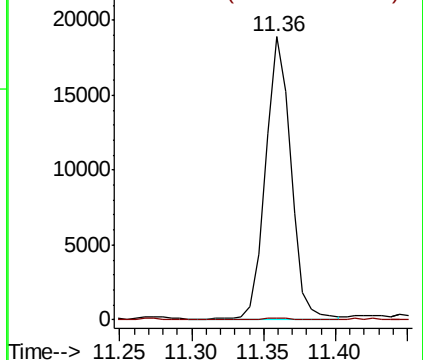
91 100

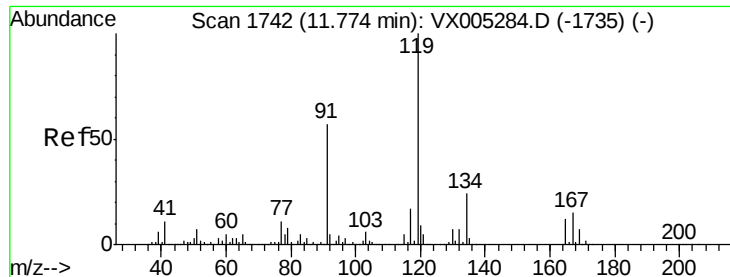
126 0.4 15.5 46.5#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

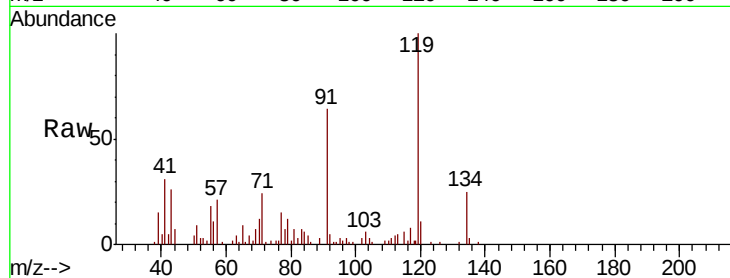




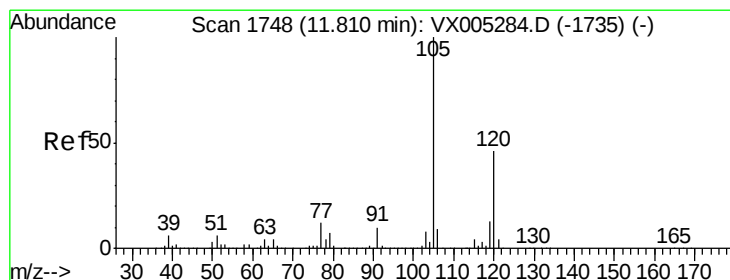
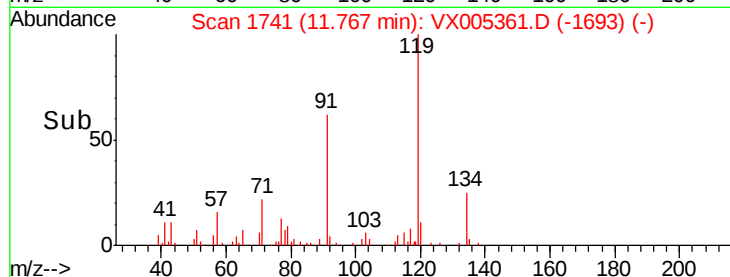
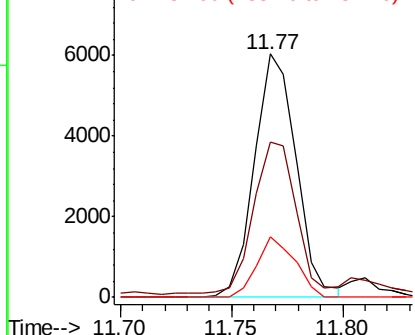
#83
 tert-Butylbenzene
 Concen: 0.798 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.01 min
 Lab File: VX005361.D
 Acq: 16 Oct 2018 11:00

Instrument :
 MSVOA_X
 ClientSampleId :
 TWP-01

Tgt Ion:119 Resp: 7914
 Ion Ratio Lower Upper
 119 100
 91 62.4 27.0 81.0
 134 22.6 11.7 35.1

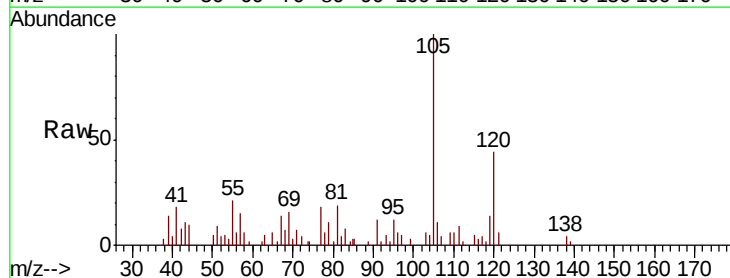


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VX
 Ion 134.00 (133.70 to 134.70): V

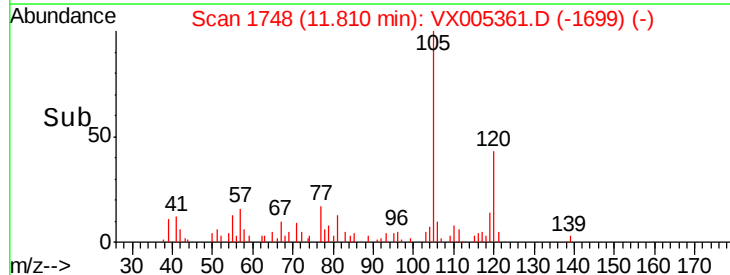
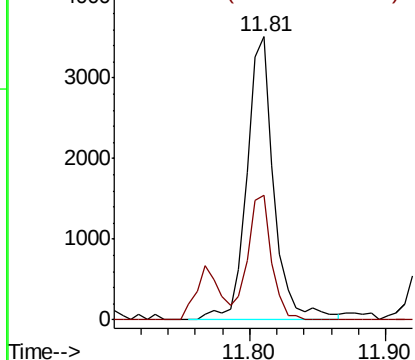


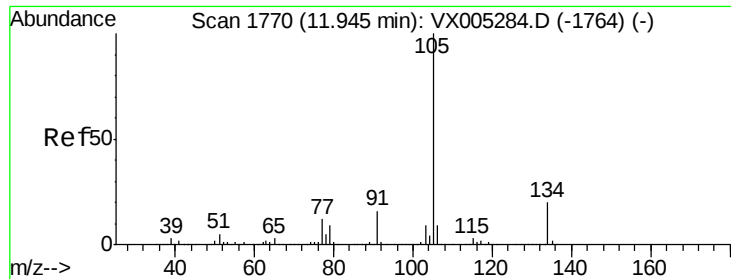
#84
 1,2,4-Trimethylbenzene
 Concen: 0.485 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: VX005361.D
 Acq: 16 Oct 2018 11:00

Tgt Ion:105 Resp: 4886
 Ion Ratio Lower Upper
 105 100
 120 38.7 23.2 69.6



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





#85

sec-Butylbenzene

Concen: 9.026 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX005361.D

Acq: 16 Oct 2018 11:00

Instrument :

MSVOA_X

ClientSampleId :

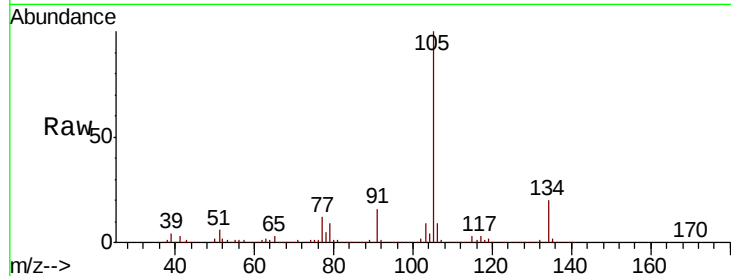
TWP-01

Tgt Ion:105 Resp: 105884

Ion Ratio Lower Upper

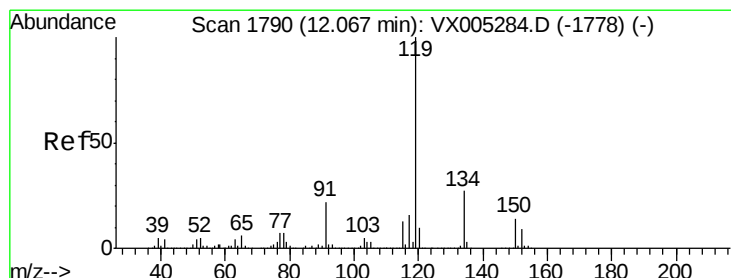
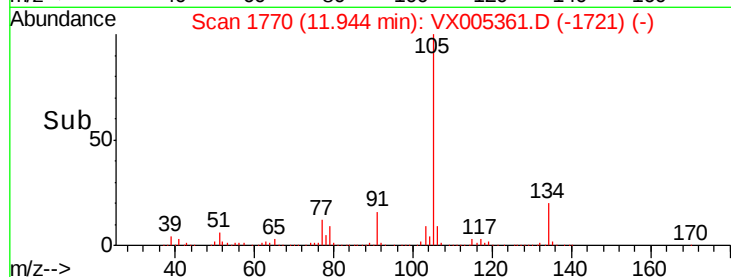
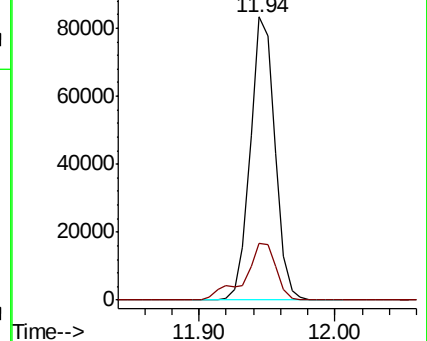
105 100

134 25.5 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 2.192 ug/l

RT: 12.23 min Scan# 1817

Delta R.T. 0.16 min

Lab File: VX005361.D

Acq: 16 Oct 2018 11:00

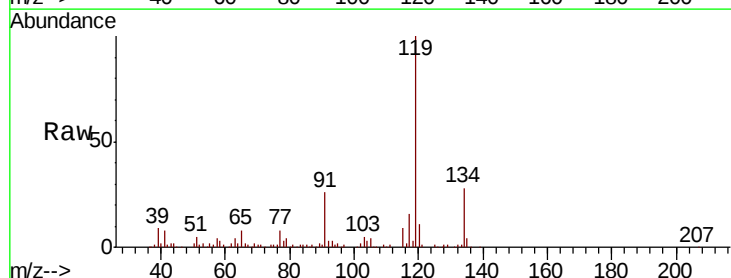
Tgt Ion:119 Resp: 23240

Ion Ratio Lower Upper

119 100

134 28.9 13.4 40.2

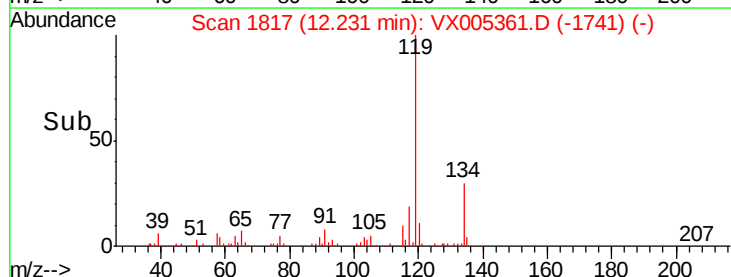
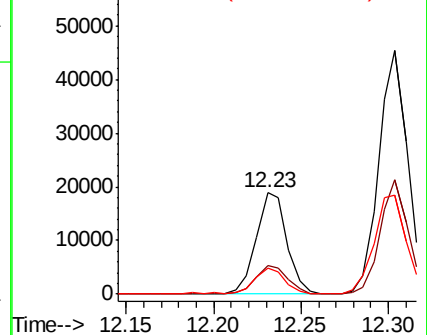
91 23.9 10.9 32.7

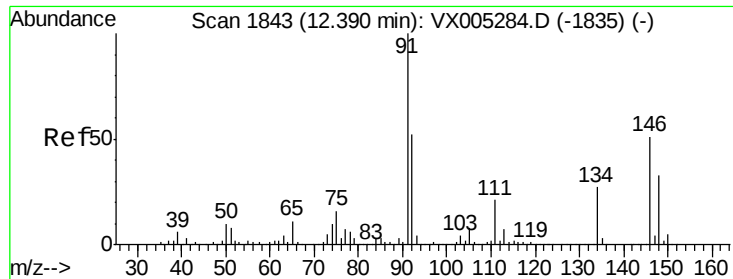


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

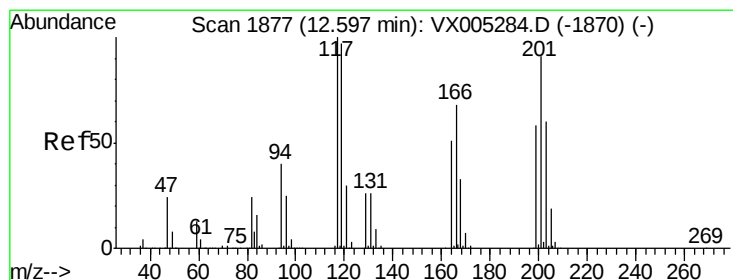
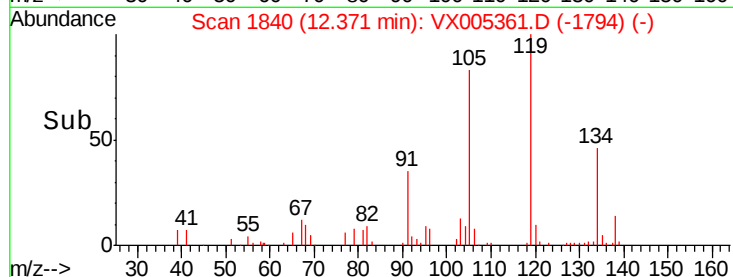
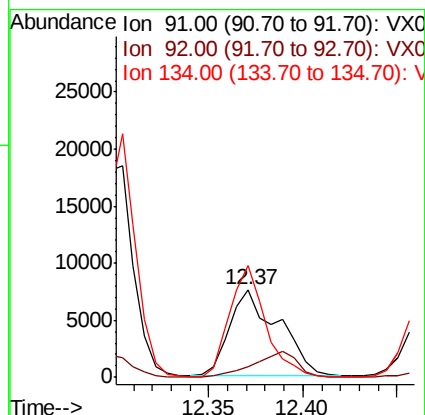
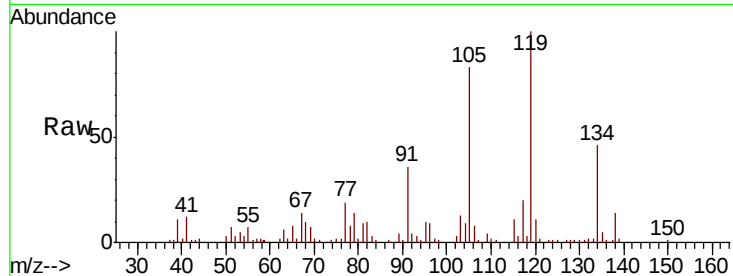




#89
n-Butylbenzene
Concen: 1.402 ug/l
RT: 12.37 min Scan# 1840
Delta R.T. -0.02 min
Lab File: VX005361.D
Acq: 16 Oct 2018 11:00

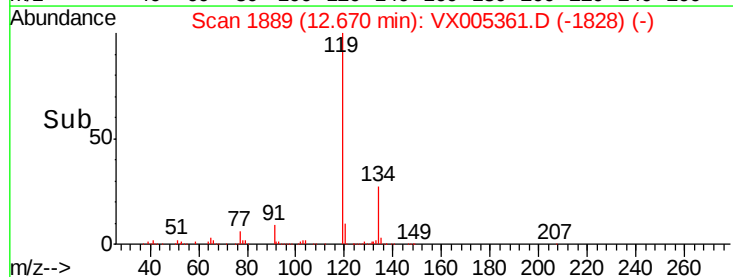
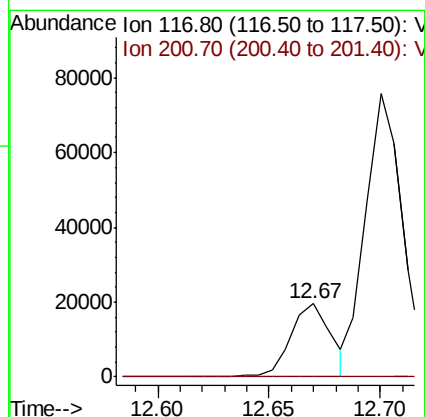
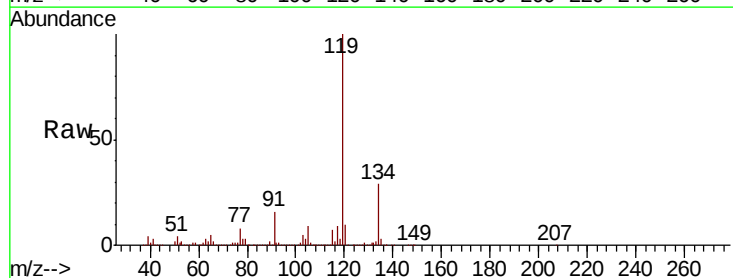
Instrument :
MSVOA_X
ClientSampled :
TWP-01

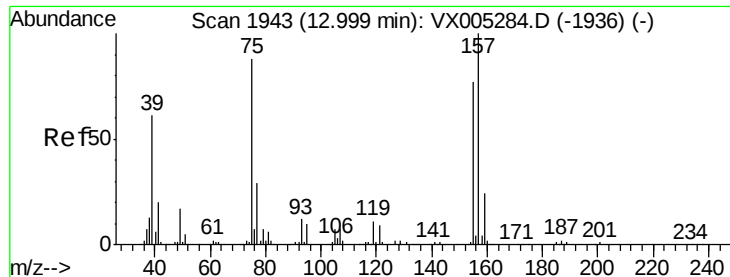
Tgt Ion: 91 Resp: 13496
Ion Ratio Lower Upper
91 100
92 26.9 27.3 81.9#
134 97.0 13.6 40.7#



#90
Hexachloroethane
Concen: 13.306 ug/l
RT: 12.67 min Scan# 1889
Delta R.T. 0.07 min
Lab File: VX005361.D
Acq: 16 Oct 2018 11:00

Tgt Ion: 117 Resp: 24314
Ion Ratio Lower Upper
117 100
201 0.0 46.9 140.6#





#92

1,2-Dibromo-3-Chloropropane

Concen: 2.141 ug/l

RT: 12.97 min Scan# 1939

Delta R.T. -0.02 min

Lab File: VX005361.D

Acq: 16 Oct 2018 11:00

Instrument :

MSVOA_X

ClientSampleId :

TWP-01

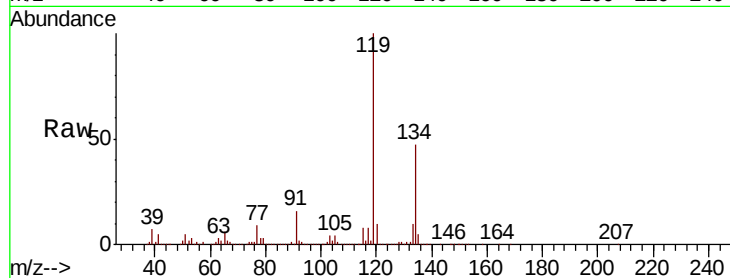
Tgt Ion: 75 Resp: 2252

Ion Ratio Lower Upper

75 100

155 3.0 48.0 144.2#

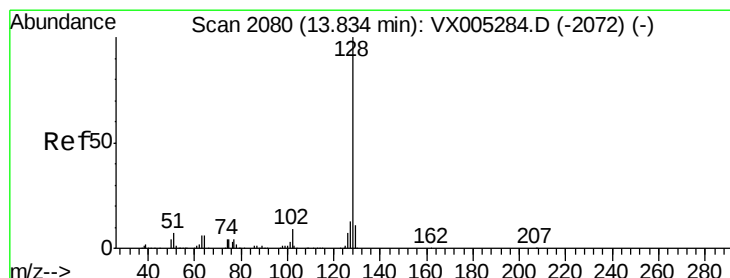
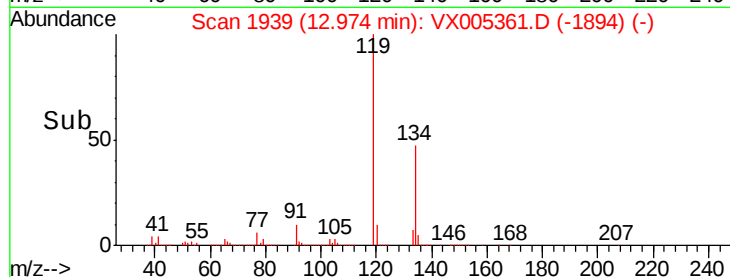
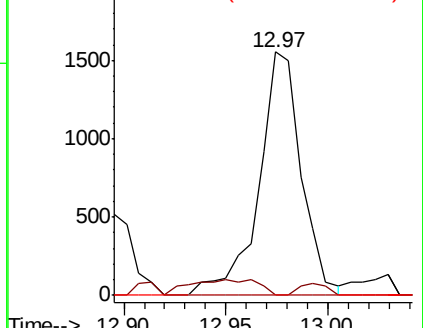
157 0.0 61.4 184.1#



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



#95

Naphthalene

Concen: 0.660 ug/l

RT: 13.85 min Scan# 2083

Delta R.T. 0.02 min

Lab File: VX005361.D

Acq: 16 Oct 2018 11:00

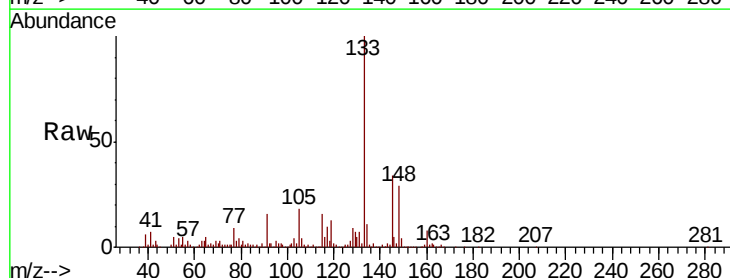
Tgt Ion: 128 Resp: 8750

Ion Ratio Lower Upper

128 100

127 23.9 10.2 15.2#

129 54.4 8.6 12.8#



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

