

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021419\
 Data File : VX007525.D
 Acq On : 13 Feb 2019 17:24
 Operator : JC/SP
 Sample : K1461-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TEST-PIT-4

Quant Time: Feb 14 02:37:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	532015	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	831046	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	783380	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	395150	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	281290	49.81	ug/l	0.00
Spiked Amount			Recovery	=	99.62%	
35) Dibromofluoromethane	5.51	113	264013	48.83	ug/l	0.00
Spiked Amount			Recovery	=	97.66%	
50) Toluene-d8	8.71	98	980240	48.86	ug/l	0.00
Spiked Amount			Recovery	=	97.72%	
62) 4-Bromofluorobenzene	11.13	95	363829	49.67	ug/l	0.00
Spiked Amount			Recovery	=	99.34%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	234	0.213	ug/l #	43
3) Chloromethane	1.33	50	2338	0.390	ug/l	90
5) Bromomethane	1.65	94	884	Below Cal	#	68
6) Chloroethane	1.60	64	11229	2.953	ug/l #	52
11) Tert butyl alcohol	3.06	59	9319	7.974	ug/l	95
13) Acrolein	2.30	56	14836	27.073	ug/l	98
14) Allyl chloride	2.62	41	17606	2.127	ug/l #	65
16) Acetone	2.45	43	4061549	1570.167	ug/l	99
17) Carbon Disulfide	2.57	76	2357	2.291	ug/l	98
18) Methyl Acetate	2.78	43	22135	3.838	ug/l	98
20) Methylene Chloride	2.86	84	1363	Below Cal	#	79
25) 2-Butanone	4.70	43	82143	22.314	ug/l	94
29) Tetrahydrofuran	5.15	42	1810	0.782	ug/l #	1
30) Chloroform	5.21	83	15408	1.689	ug/l	91
36) 1,1-Dichloropropene	5.66	75	33149	4.446	ug/l #	49
37) Ethyl Acetate	4.85	43	20429	2.710	ug/l #	87
38) Carbon Tetrachloride	5.66	117	45935	6.350	ug/l #	18
43) Isopropyl Acetate	6.47	43	35045	3.012	ug/l #	66
46) Dibromomethane	7.71	93	5179	1.295	ug/l #	1
48) Methyl methacrylate	7.66	41	257143	44.187	ug/l #	40
49) 1,4-Dioxane	7.77	88	165	8.117	ug/l #	25
51) 4-Methyl-2-Pentanone	8.65	43	48897	6.384	ug/l	100
52) Toluene	8.79	92	110644	7.808	ug/l	100
59) 2-Hexanone	9.58	43	1060475	177.934	ug/l #	47
64) Tetrachloroethene	9.33	164	3890	0.527	ug/l #	84
67) Ethyl Benzene	10.25	91	8369	0.304	ug/l	96
68) m/p-Xylenes	10.36	106	9488	0.867	ug/l	98
69) o-Xylene	10.70	106	4661	0.443	ug/l	83
70) Styrene	10.71	104	10558	0.618	ug/l	98
74) N-amyl acetate	10.91	43	63235	6.088	ug/l #	4
76) 1,2,3-Trichloropropane	11.13	75	172480	22.440	ug/l #	32
79) 2-Chlorotoluene	11.52	91	4882	0.273	ug/l #	46
81) trans-1,4-Dichloro-2-buten	11.13	75	172480	67.724	ug/l #	8
82) 4-Chlorotoluene	11.52	91	4882	0.236	ug/l #	52

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QLast Update : Sat Feb 02 01:32:36 2019
Response via : Initial Calibration

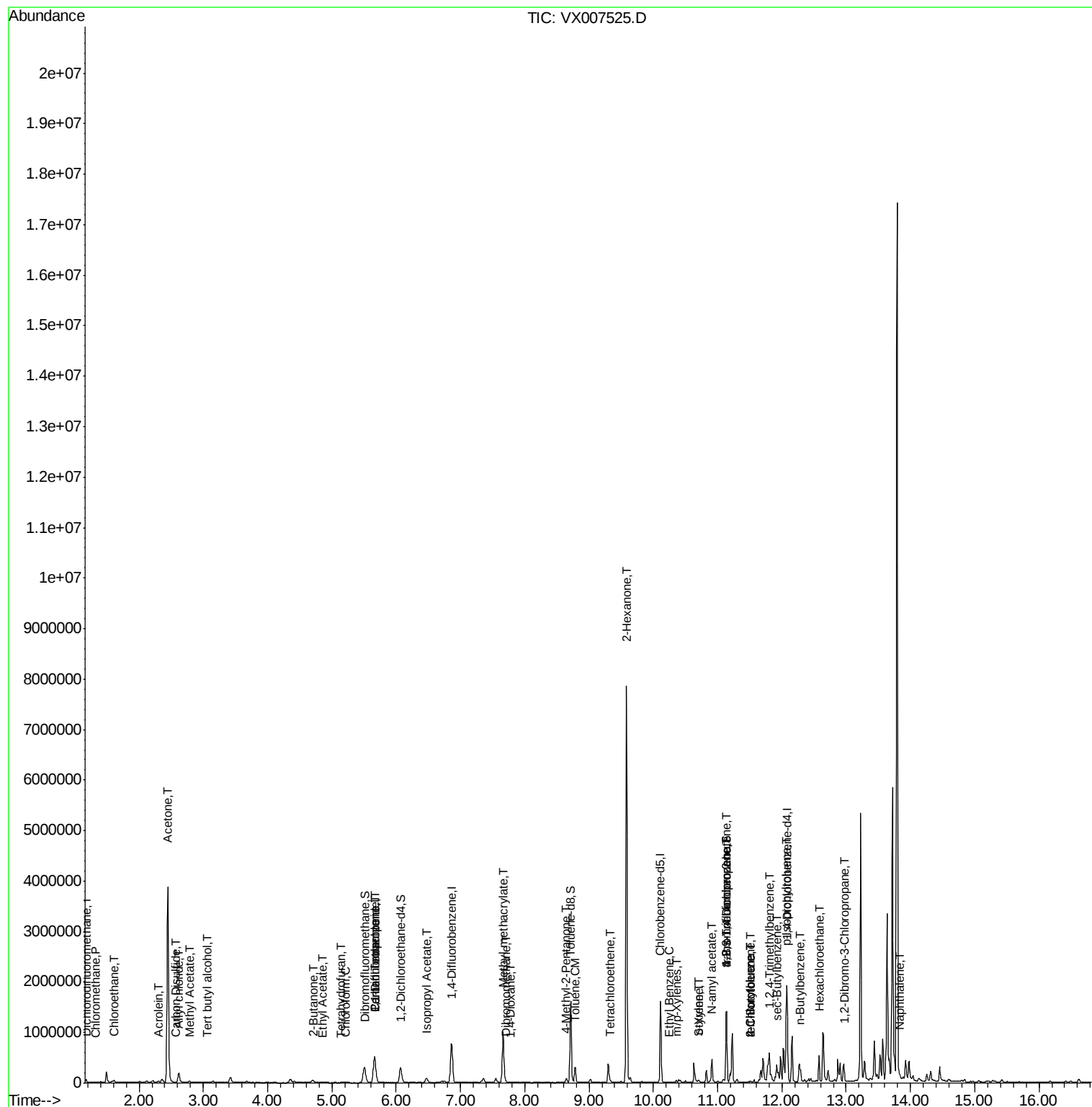
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) tert-Butylbenzene	11.51	119	5132	0.236	ug/l	79
84) 1,2,4-Trimethylbenzene	11.80	105	134676	6.038	ug/l #	35
85) sec-Butylbenzene	11.92	105	14172	0.538	ug/l #	60
86) p-Isopropyltoluene	12.07	119	210305	8.850	ug/l	97
89) n-Butylbenzene	12.29	91	26618	1.302	ug/l	78
90) Hexachloroethane	12.58	117	4804	1.351	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	12.97	75	580	0.341	ug/l #	14
95) Naphthalene	13.83	128	8211	0.308	ug/l #	93

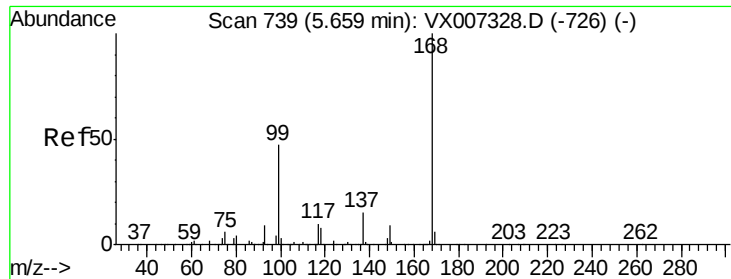
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX007525.D

Acq: 13 Feb 2019 17:24

Instrument :

MSVOA_X

ClientSampled :

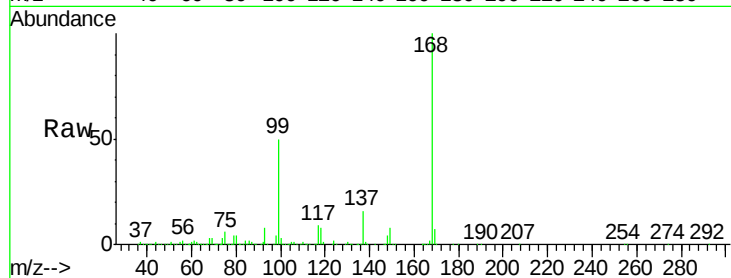
TEST-PIT-4

Tot Ion:168 Resp: 532015

Ion Ratio Lower Upper

168 100

99 49.9 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

200000

150000

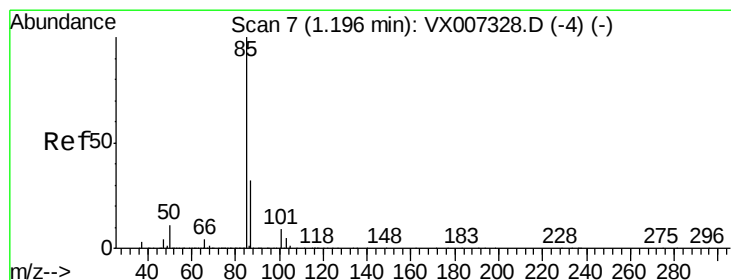
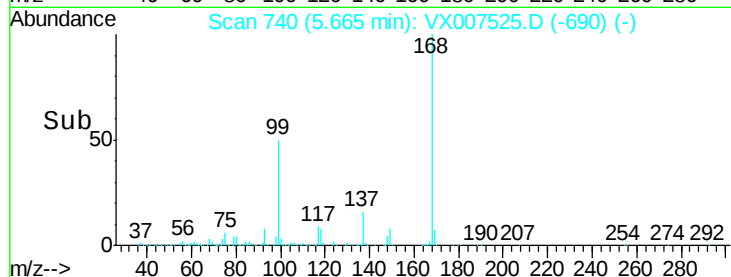
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 0.213 ug/l

RT: 1.19 min Scan# 6

Delta R.T. -0.01 min

Lab File: VX007525.D

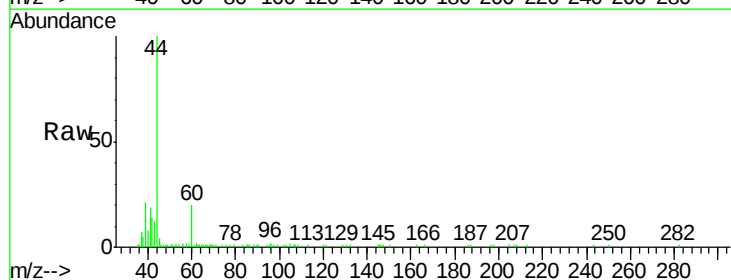
Acq: 13 Feb 2019 17:24

Tgt Ion: 85 Resp: 234

Ion Ratio Lower Upper

85 100

87 0.0 15.8 47.4#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

250

200

150

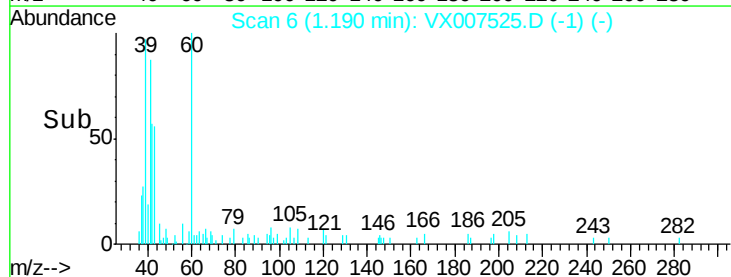
100

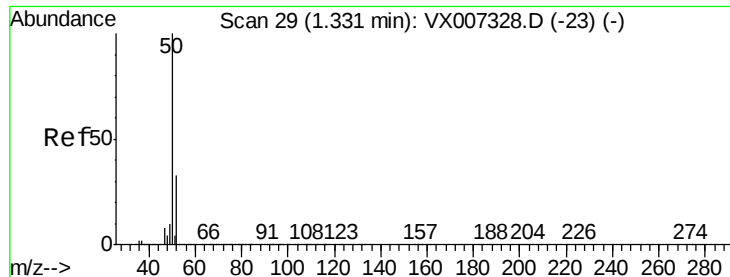
50

0

1.16 1.18 1.20 1.22

Time-->





#3

Chloromethane

Concen: 0.390 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007525.D

Acq: 13 Feb 2019 17:24

Instrument :

MSVOA_X

ClientSampleId :

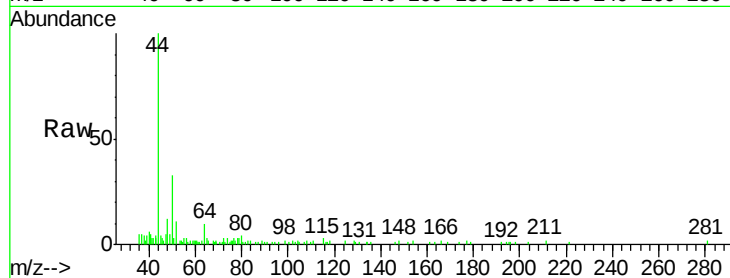
TEST-PIT-4

Tot Ion: 50 Resp: 2338

Ion Ratio Lower Upper

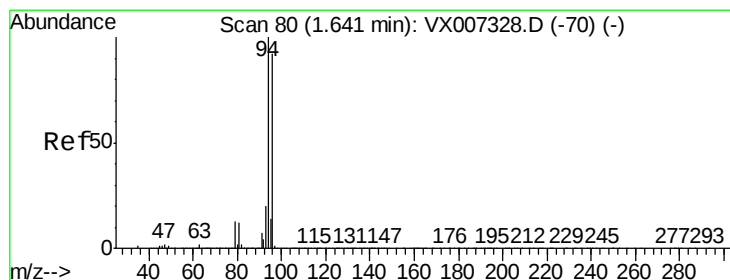
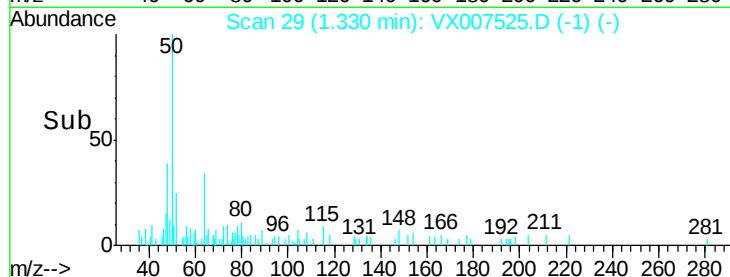
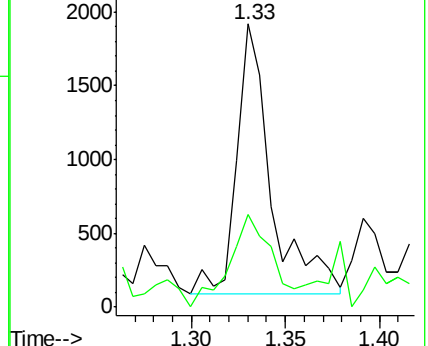
50 100

52 26.7 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX007525.D

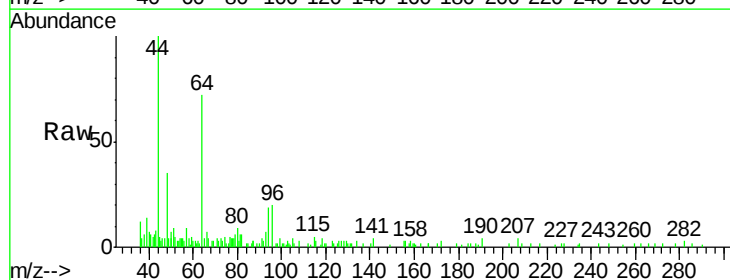
Acq: 13 Feb 2019 17:24

Tgt Ion: 94 Resp: 884

Ion Ratio Lower Upper

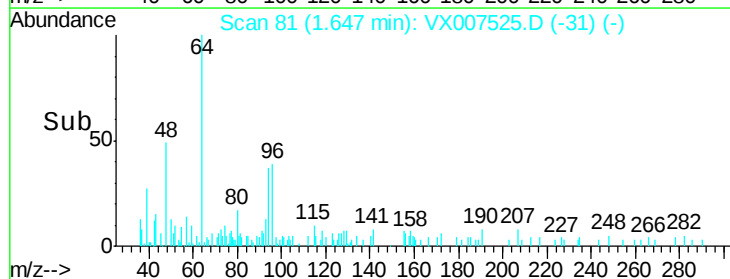
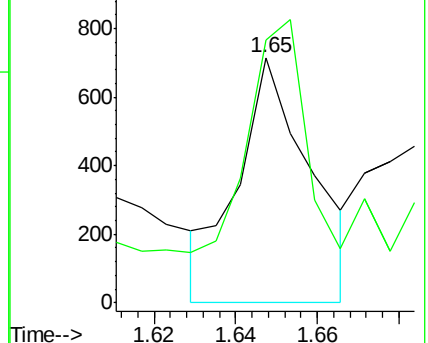
94 100

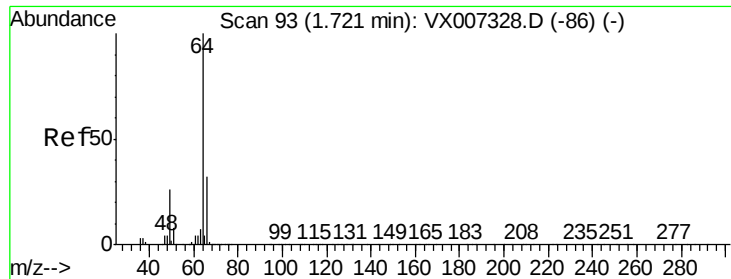
96 123.5 73.9 110.9#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#6

Chloroethane

Concen: 2.953 ug/l

RT: 1.60 min Scan# 74

Delta R.T. -0.12 min

Lab File: VX007525.D

Acq: 13 Feb 2019 17:24

Instrument :

MSVOA_X

ClientSampleId :

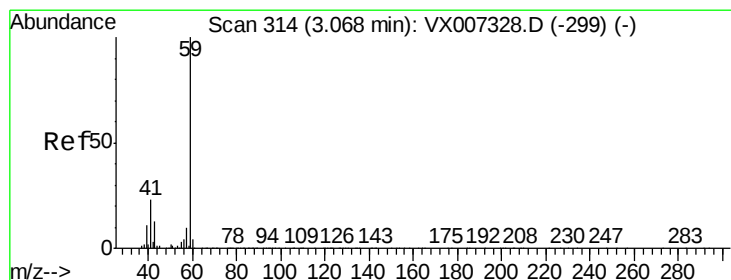
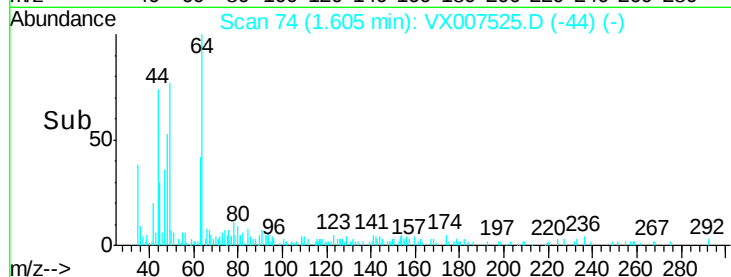
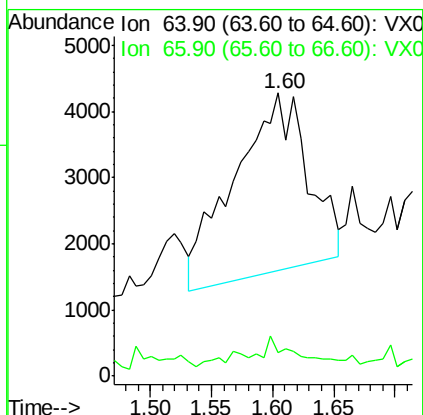
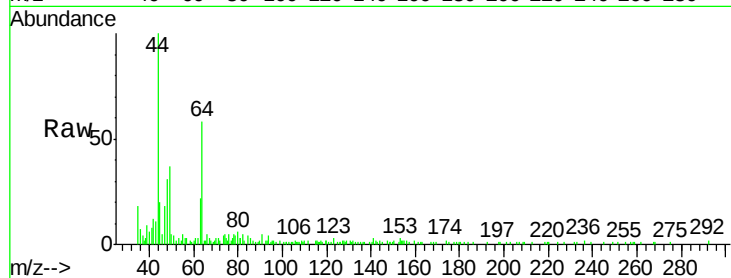
TEST-PIT-4

Tot Ion: 64 Resp: 11229

Ion Ratio Lower Upper

64 100

66 5.4 25.5 38.3#



#11

Tert butyl alcohol

Concen: 7.974 ug/l

RT: 3.06 min Scan# 313

Delta R.T. -0.01 min

Lab File: VX007525.D

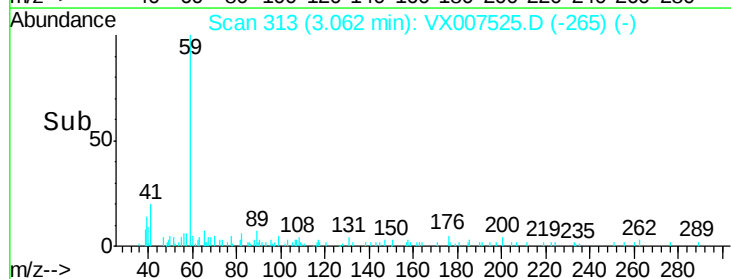
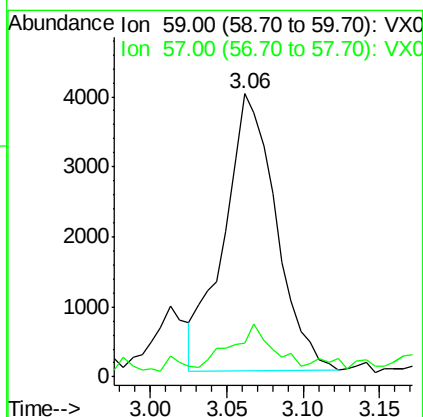
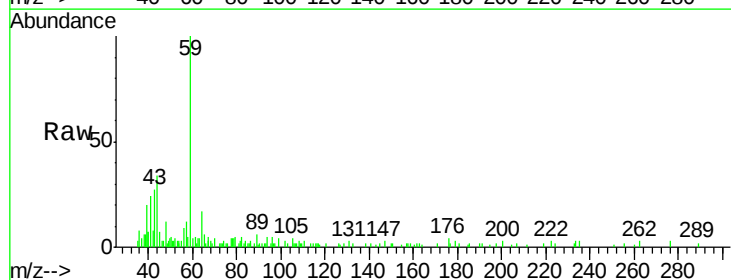
Acq: 13 Feb 2019 17:24

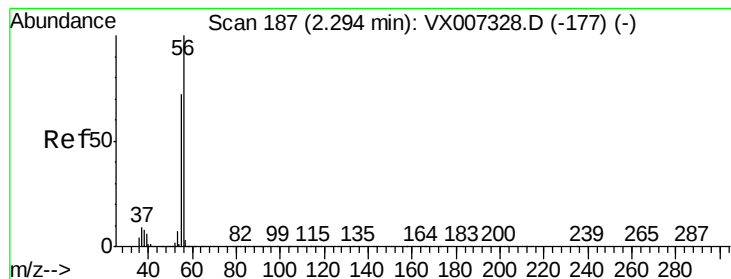
Tgt Ion: 59 Resp: 9319

Ion Ratio Lower Upper

59 100

57 12.1 8.1 12.1





#13

Acrolein

Concen: 27.073 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX007525.D

Acq: 13 Feb 2019 17:24

Instrument :

MSVOA_X

ClientSampled :

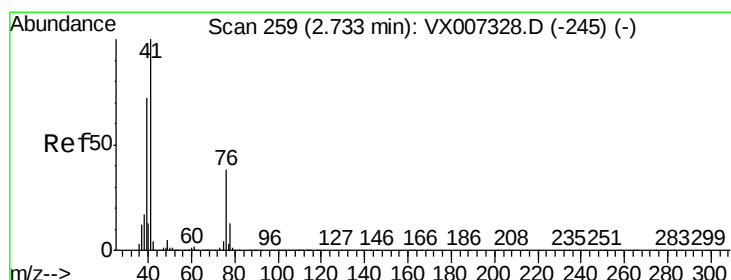
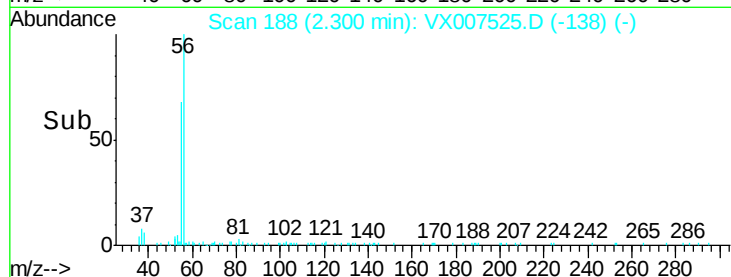
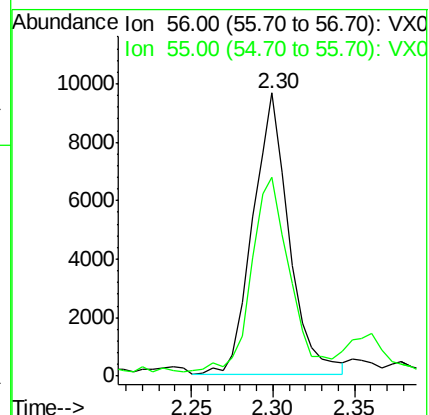
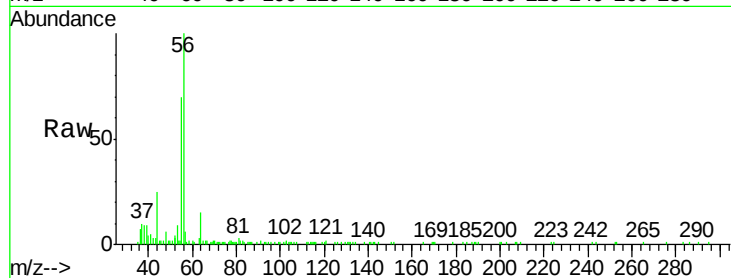
TEST-PIT-4

Tot Ion: 56 Resp: 14836

Ion Ratio Lower Upper

56 100

55 72.8 56.9 85.3



#14

Allyl chloride

Concen: 2.127 ug/l

RT: 2.62 min Scan# 240

Delta R.T. -0.12 min

Lab File: VX007525.D

Acq: 13 Feb 2019 17:24

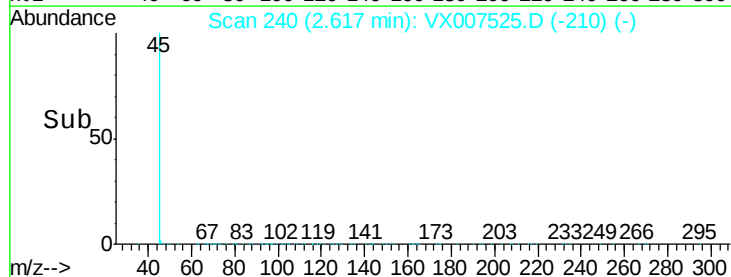
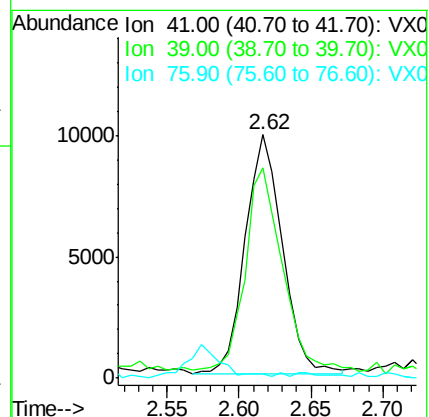
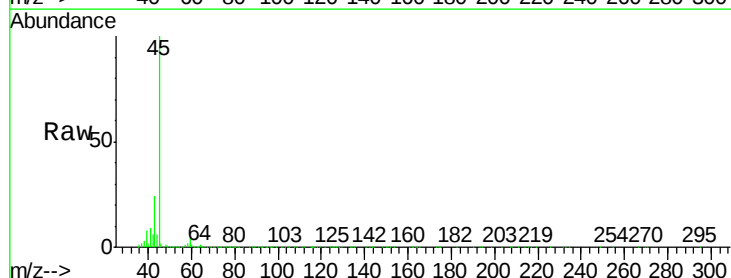
Tgt Ion: 41 Resp: 17606

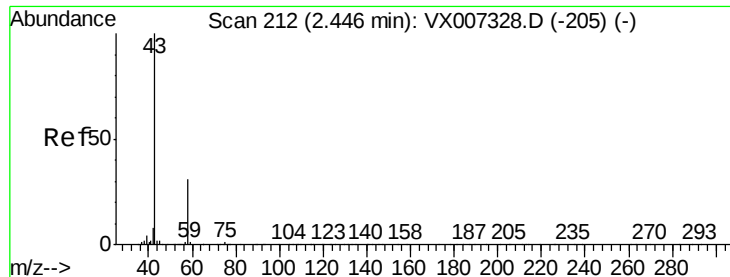
Ion Ratio Lower Upper

41 100

39 85.0 54.1 81.1#

76 0.0 27.8 41.8#





#16

Acetone

Concen: 1570.167 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007525.D

Acq: 13 Feb 2019 17:24

Instrument :

MSVOA_X

ClientSampled :

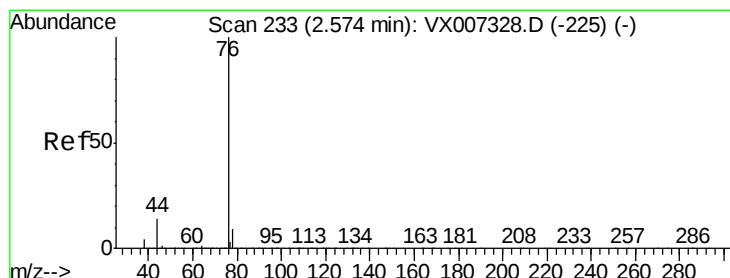
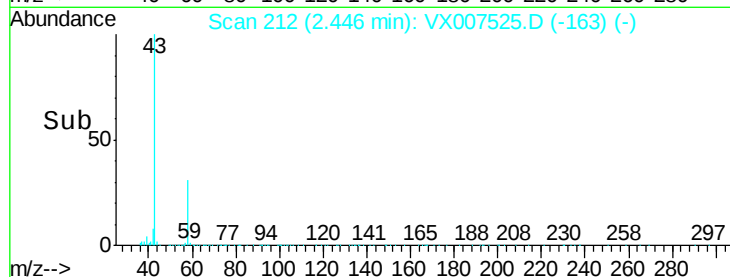
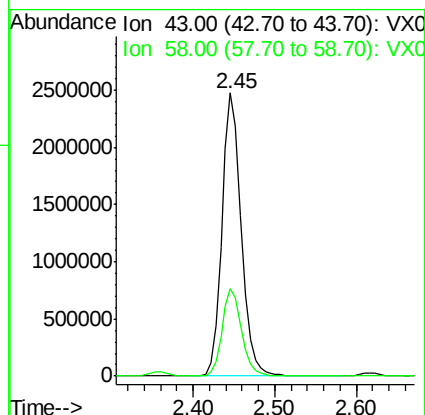
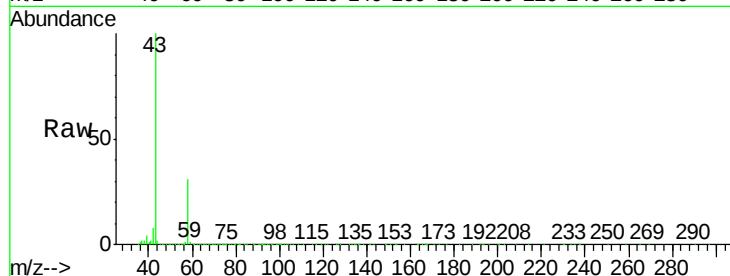
TEST-PIT-4

Tot Ion: 43 Resp: 4061549

Ion Ratio Lower Upper

43 100

58 30.8 24.9 37.3



#17

Carbon Disulfide

Concen: 2.291 ug/l

RT: 2.57 min Scan# 233

Delta R.T. -0.00 min

Lab File: VX007525.D

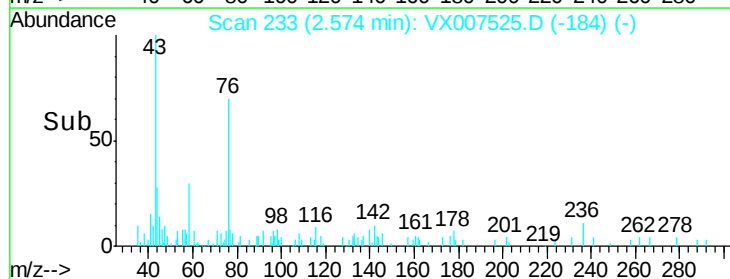
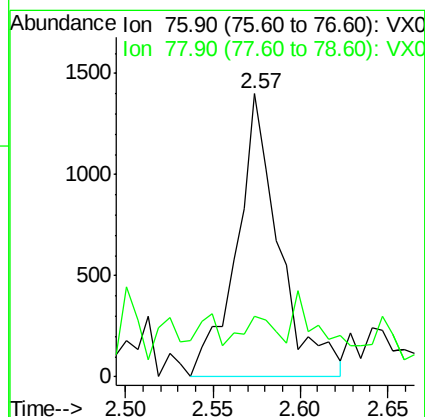
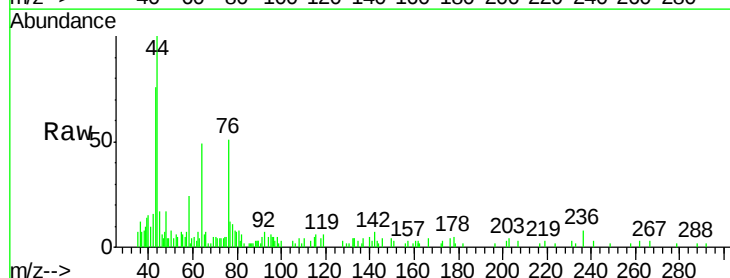
Acq: 13 Feb 2019 17:24

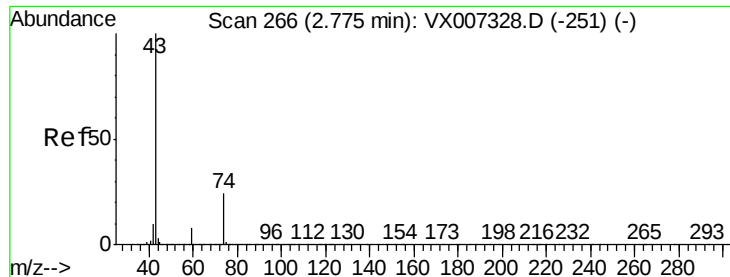
Tgt Ion: 76 Resp: 2357

Ion Ratio Lower Upper

76 100

78 8.3 7.1 10.7

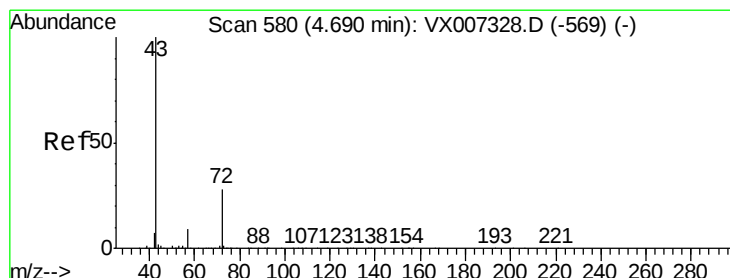
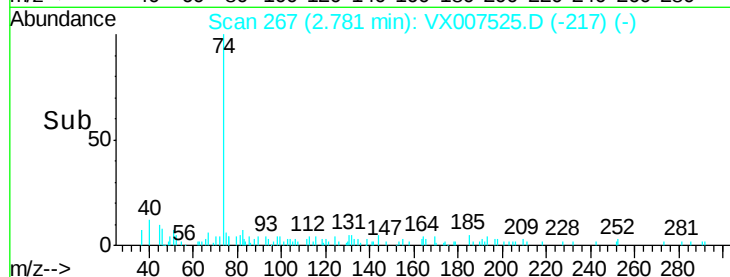
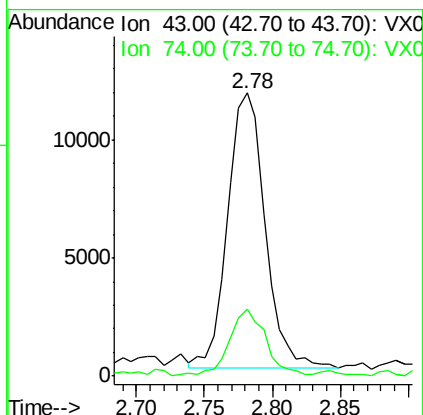
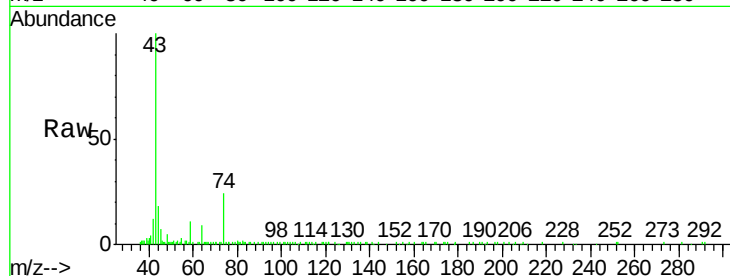




#18
Methvl Acetate
Concen: 3.838 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX007525.D
Acq: 13 Feb 2019 17:24

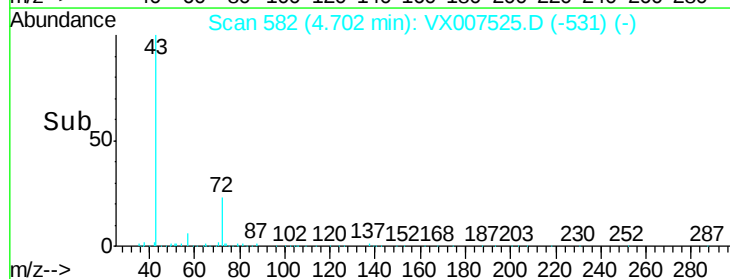
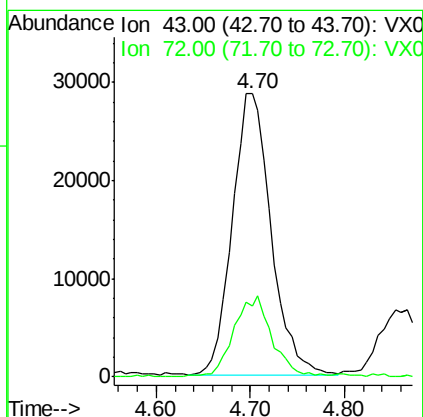
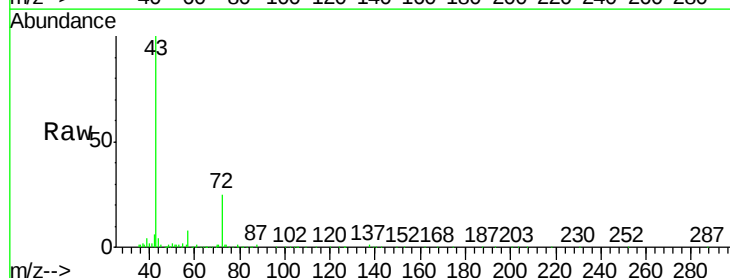
Instrument :
MSVOA_X
ClientSampled :
TEST-PIT-4

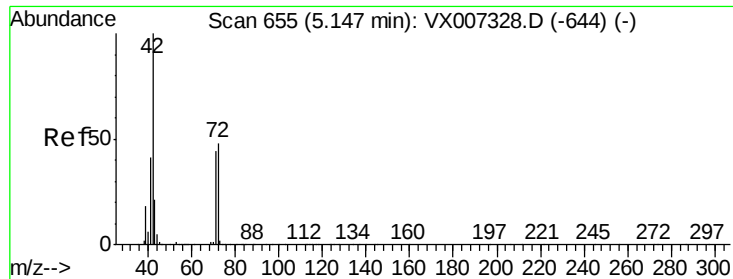
Tot Ion: 43 Resp: 22135
Ion Ratio Lower Upper
43 100
74 23.2 19.4 29.2



#25
2-Butanone
Concen: 22.314 ug/l
RT: 4.70 min Scan# 582
Delta R.T. 0.01 min
Lab File: VX007525.D
Acq: 13 Feb 2019 17:24

Tgt Ion: 43 Resp: 82143
Ion Ratio Lower Upper
43 100
72 24.5 22.2 33.2

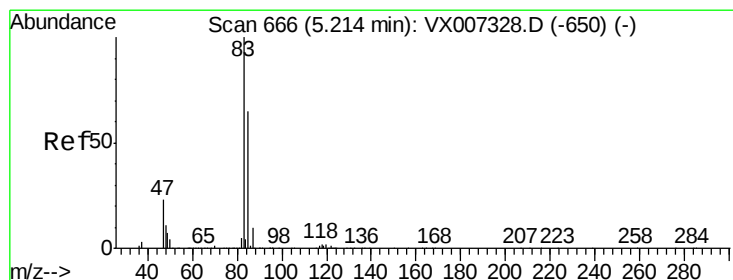
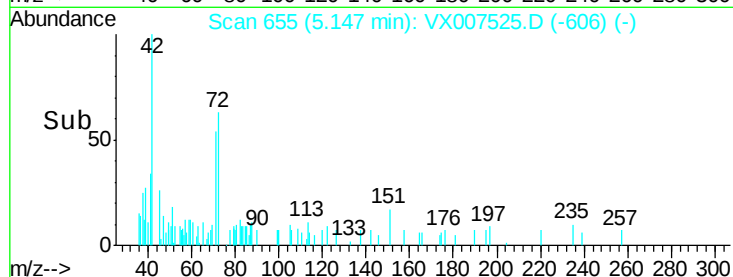
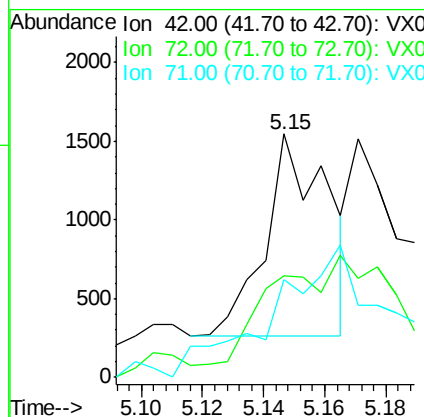
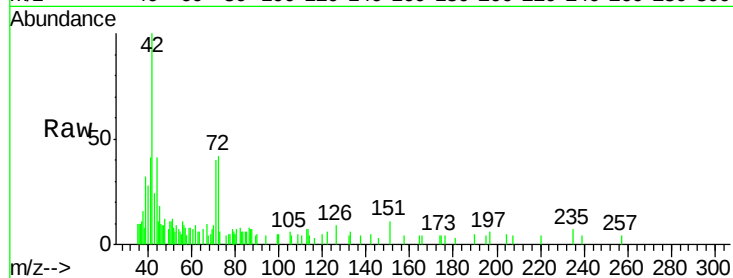




#29
Tetrahydrofuran
Concen: 0.782 ug/l
RT: 5.15 min Scan# 655
Delta R.T. -0.00 min
Lab File: VX007525.D
Acq: 13 Feb 2019 17:24

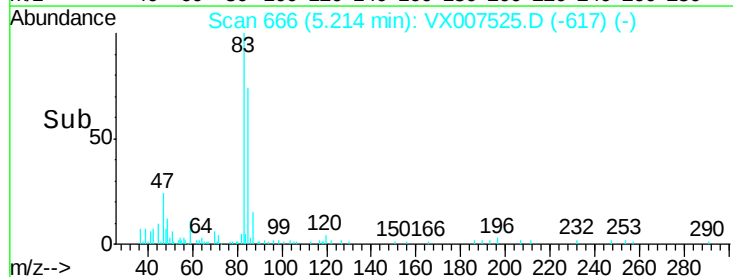
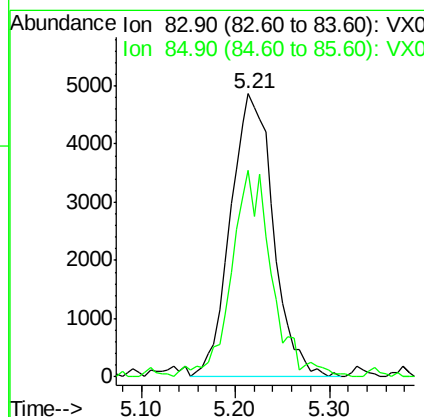
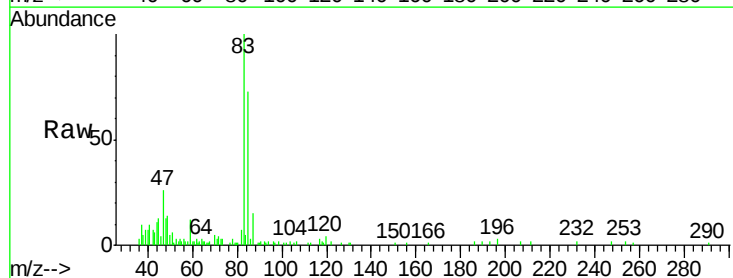
Instrument :
MSVOA_X
ClientSampled :
TEST-PIT-4

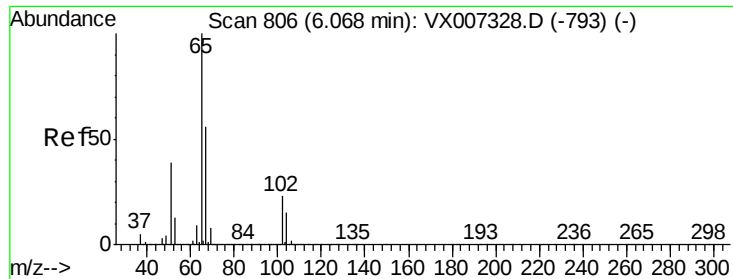
Tot Ion: 42 Resp: 1810
Ion Ratio Lower Upper
42 100
72 123.9 37.6 56.4#
71 132.9 34.6 51.8#



#30
Chloroform
Concen: 1.689 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX007525.D
Acq: 13 Feb 2019 17:24

Tgt Ion: 83 Resp: 15408
Ion Ratio Lower Upper
83 100
85 71.9 51.6 77.4

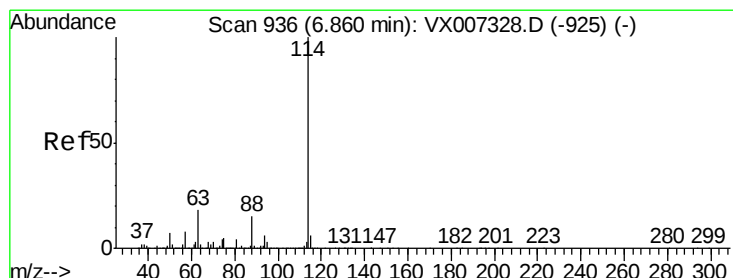
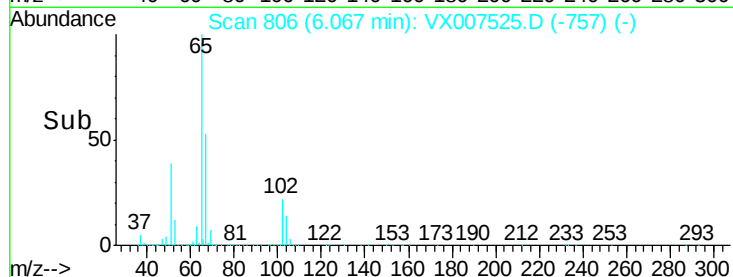
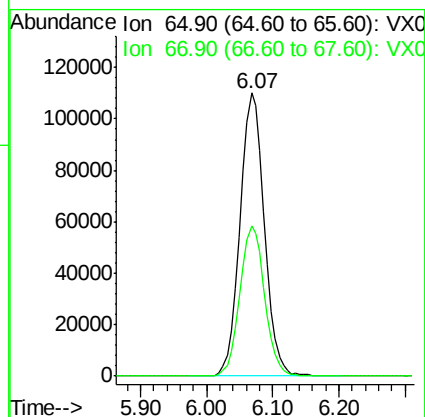
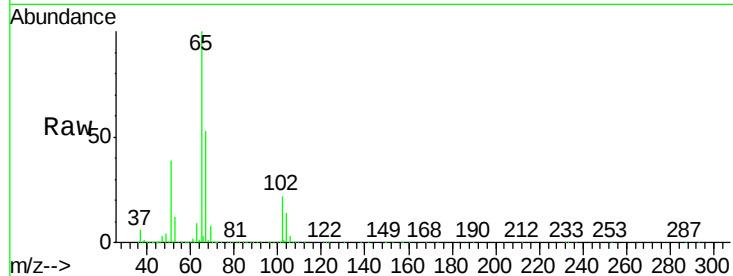




#33
 1,2-Dichloroethane-d4
 Concen: 49.813 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX007525.D
 Acq: 13 Feb 2019 17:24

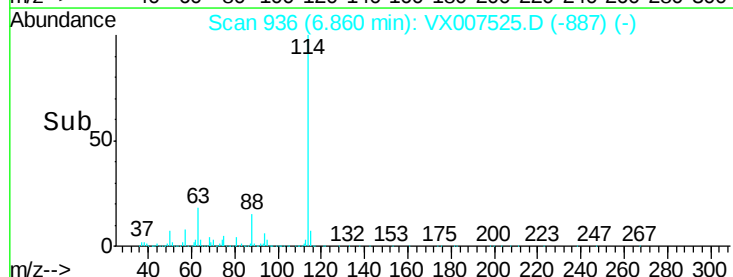
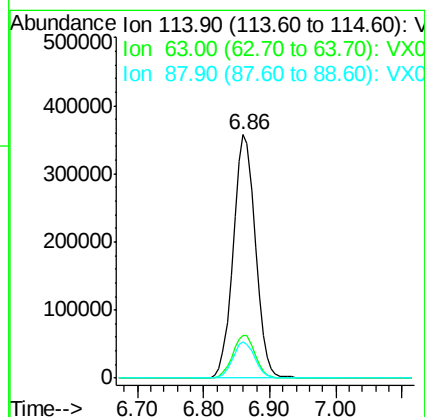
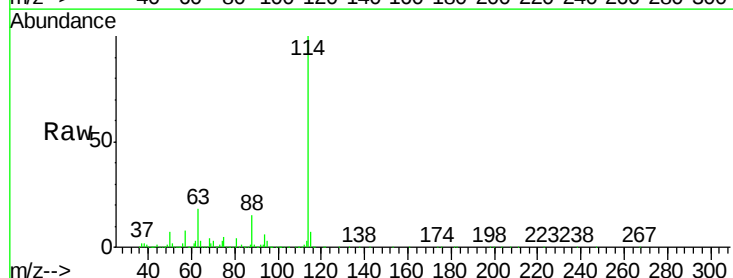
Instrument :
 MSVOA_X
 ClientSampleId :
 TEST-PIT-4

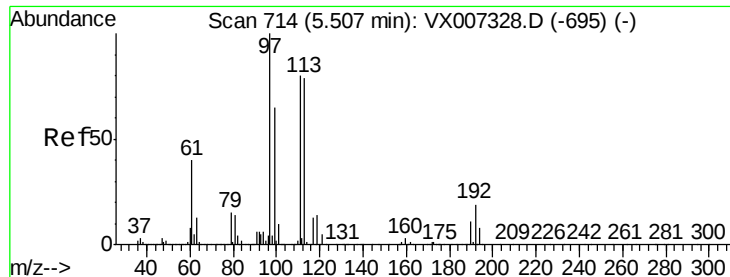
Tot Ion: 65 Resp: 281290
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 108.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007525.D
 Acq: 13 Feb 2019 17:24

Tgt Ion: 114 Resp: 831046
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 35.6
 88 14.7 0.0 29.6





#35

Dibromofluoromethane

Concen: 48.825 ug/l

RT: 5.51 min Scan# 714

Delta R.T. -0.00 min

Lab File: VX007525.D

Acq: 13 Feb 2019 17:24

Instrument :

MSVOA_X

ClientSampleId :

TEST-PIT-4

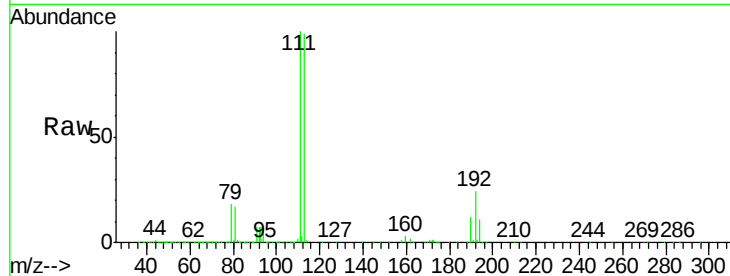
Tot Ion:113 Resp: 264013

Ion Ratio Lower Upper

113 100

111 101.3 81.8 122.8

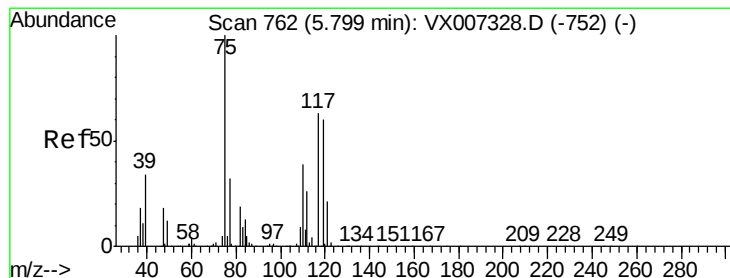
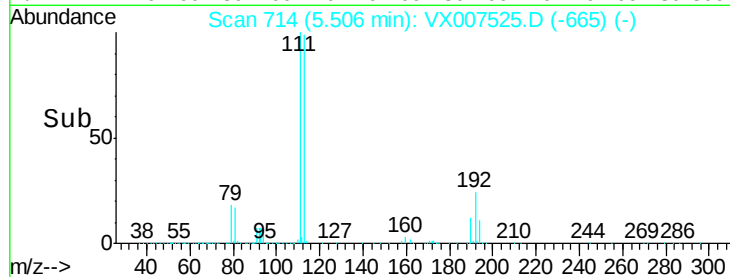
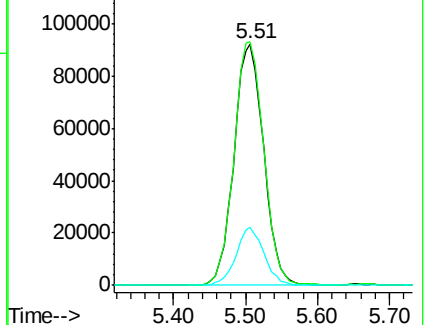
192 22.7 18.5 27.7



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: 4.446 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX007525.D

Acq: 13 Feb 2019 17:24

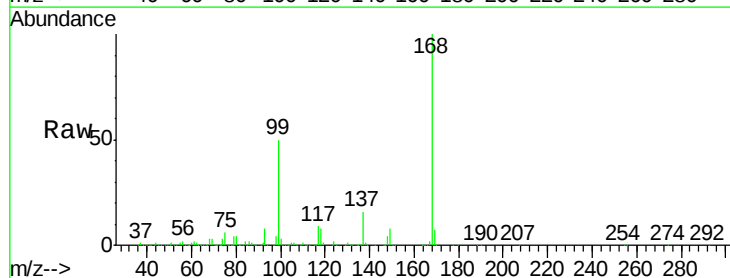
Tgt Ion: 75 Resp: 33149

Ion Ratio Lower Upper

75 100

110 10.0 20.0 59.9#

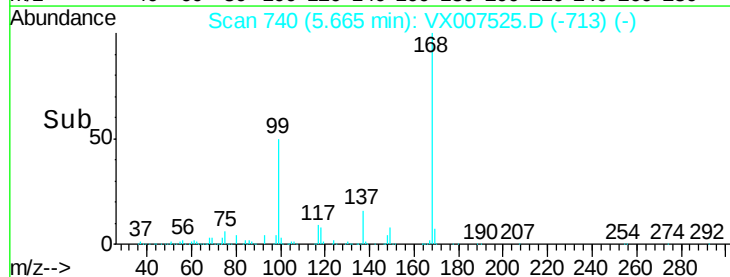
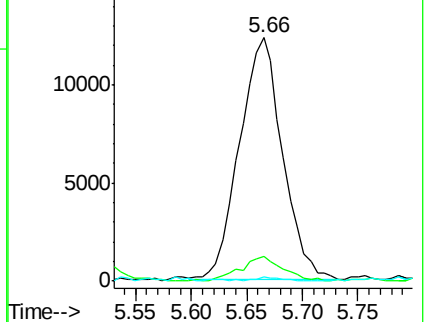
77 1.1 24.7 37.1#

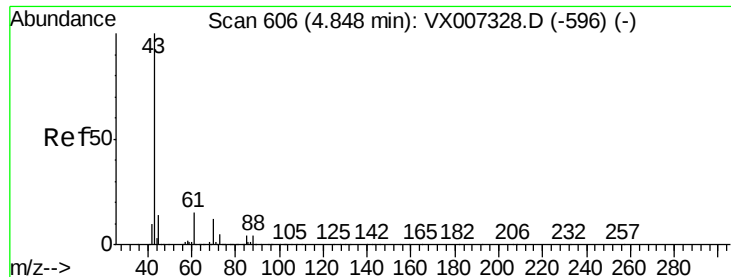


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

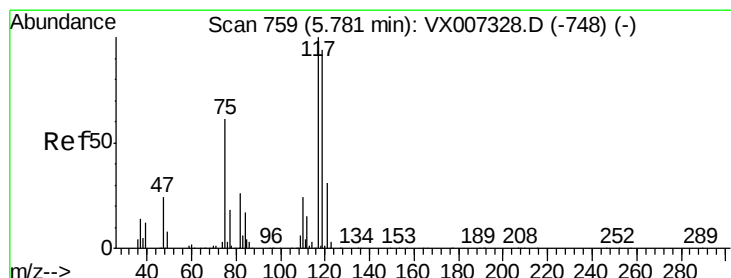
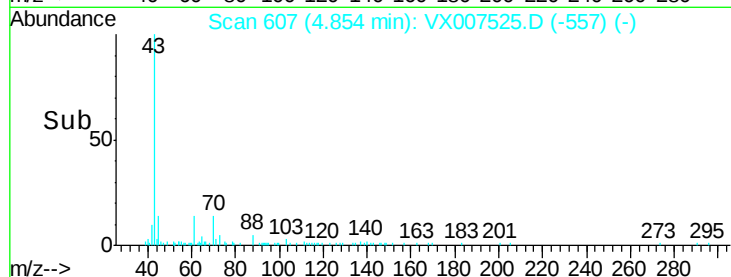
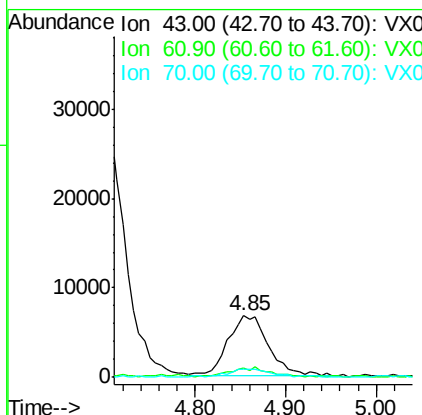
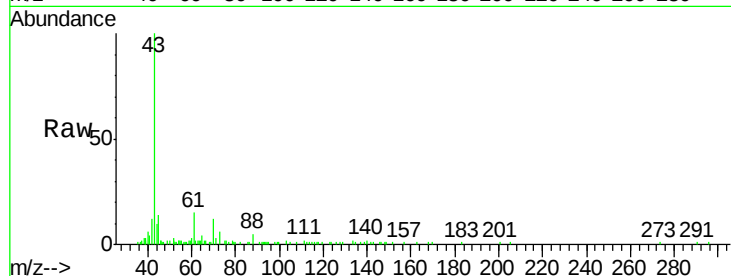




#37
Ethyl Acetate
Concen: 2.710 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX007525.D
Acq: 13 Feb 2019 17:24

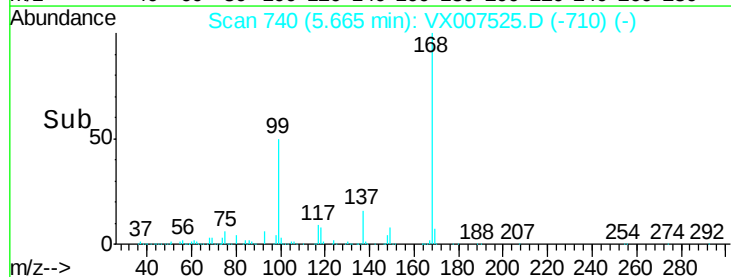
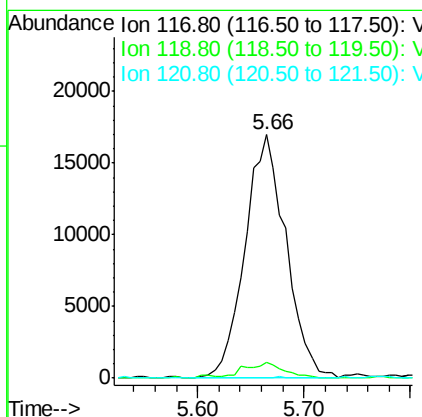
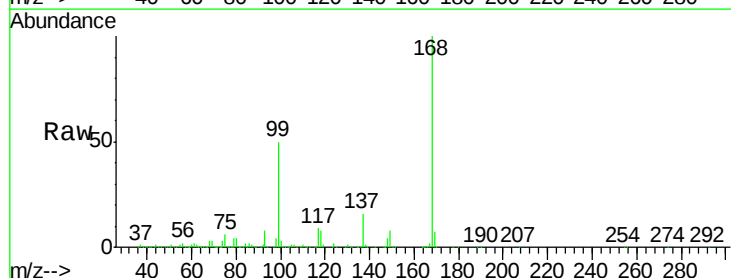
Instrument :
MSVOA_X
ClientSampleId :
TEST-PIT-4

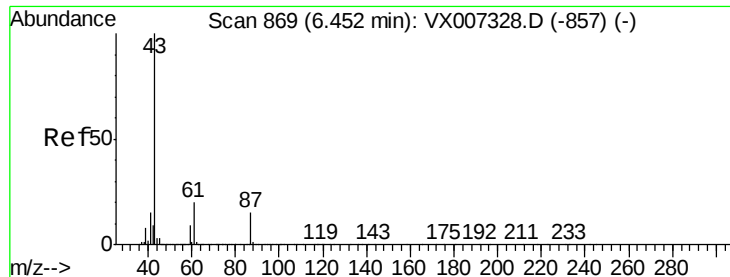
Tot Ion	43	Resp	20429
Ion Ratio	Lower	Upper	
43	100		
61	17.7	11.3	16.9#
70	17.9	8.6	13.0#



#38
Carbon Tetrachloride
Concen: 6.350 ug/l
RT: 5.66 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX007525.D
Acq: 13 Feb 2019 17:24

Tgt Ion	117	Resp	45935
Ion Ratio	Lower	Upper	
117	100		
119	6.4	75.3	112.9#
121	0.0	25.0	37.4#





#43

Isopropyl Acetate

Concen: 3.012 ug/l

RT: 6.47 min Scan# 872

Delta R.T. 0.02 min

Lab File: VX007525.D

Acq: 13 Feb 2019 17:24

Instrument :

MSVOA_X

ClientSampleId :

TEST-PIT-4

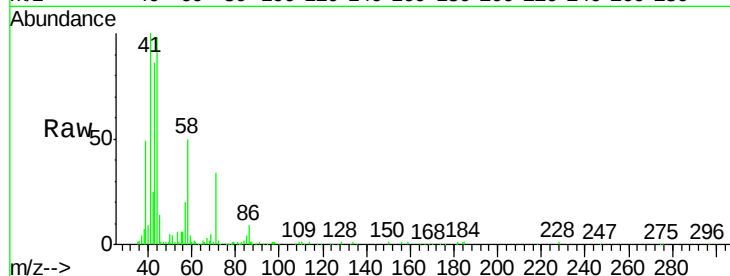
Tot Ion: 43 Resp: 35045

Ion Ratio Lower Upper

43 100

61 1.7 16.1 24.1#

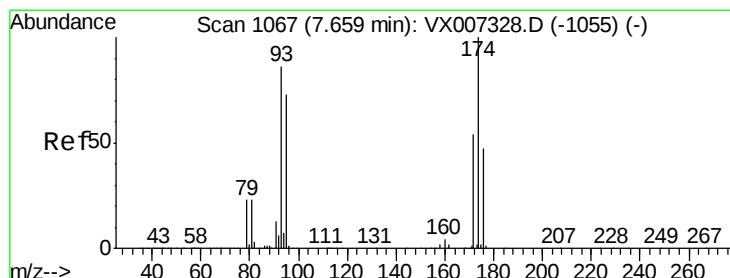
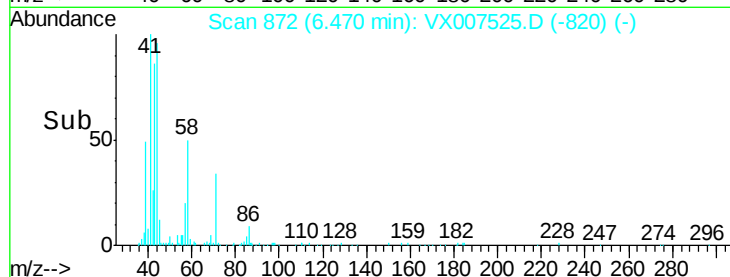
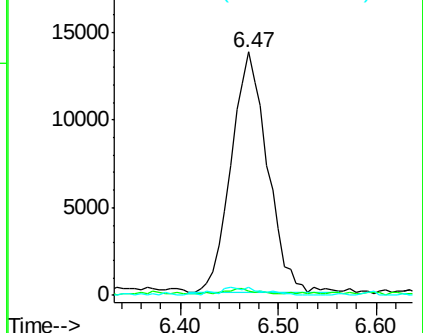
87 4.0 11.5 17.3#



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



#46

Dibromomethane

Concen: 1.295 ug/l

RT: 7.71 min Scan# 1075

Delta R.T. 0.05 min

Lab File: VX007525.D

Acq: 13 Feb 2019 17:24

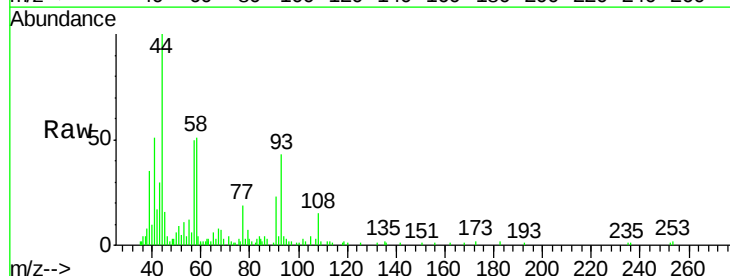
Tgt Ion: 93 Resp: 5179

Ion Ratio Lower Upper

93 100

95 0.0 67.6 101.4#

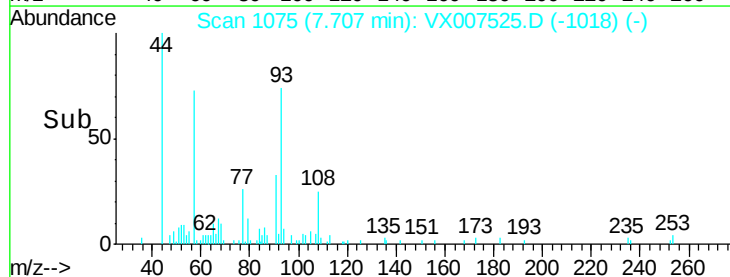
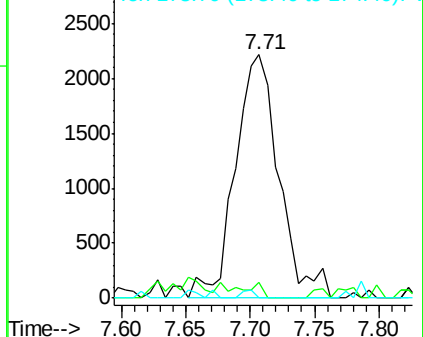
174 0.9 94.2 141.4#

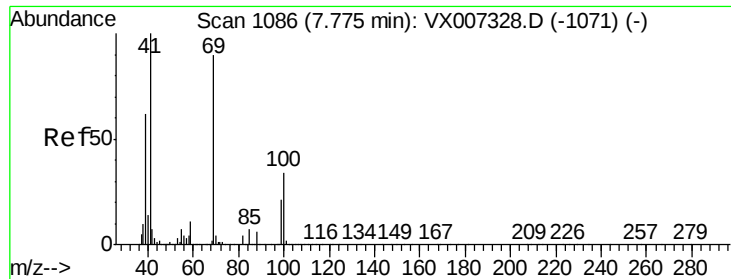


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#48

Methvl methacrylate

Concen: 44.187 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. -0.11 min

Lab File: VX007525.D

Acq: 13 Feb 2019 17:24

Instrument :

MSVOA_X

ClientSampleId :

TEST-PIT-4

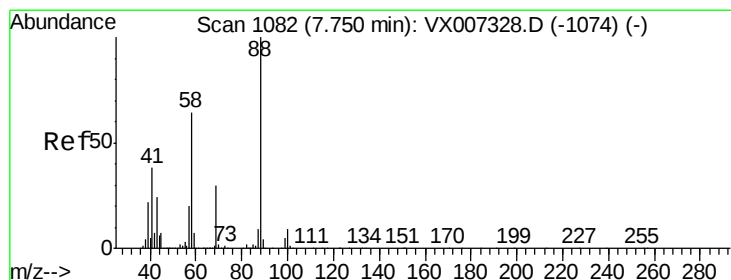
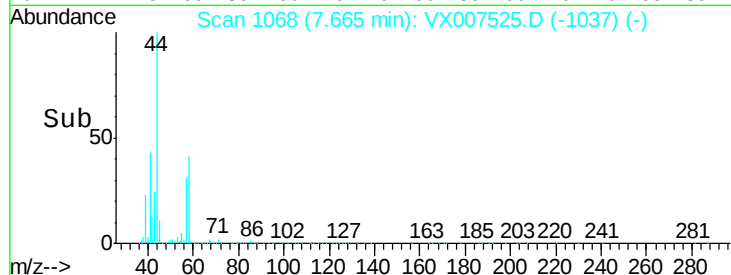
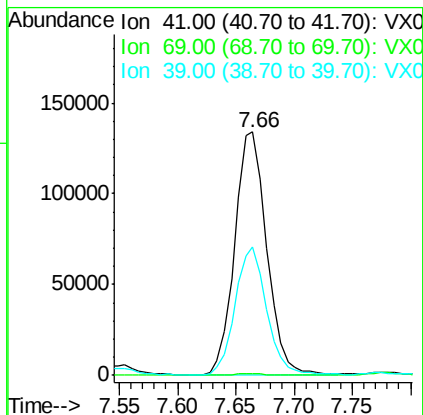
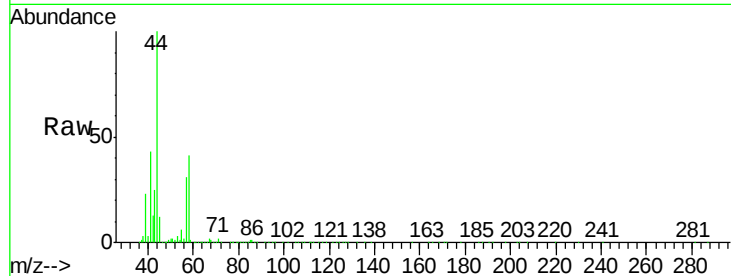
Tot Ion: 41 Resp: 257143

Ion Ratio Lower Upper

41 100

69 0.8 70.2 105.4#

39 52.0 47.4 71.0



#49

1,4-Dioxane

Concen: 8.117 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.02 min

Lab File: VX007525.D

Acq: 13 Feb 2019 17:24

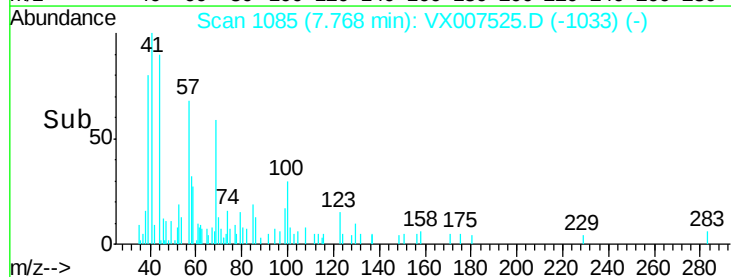
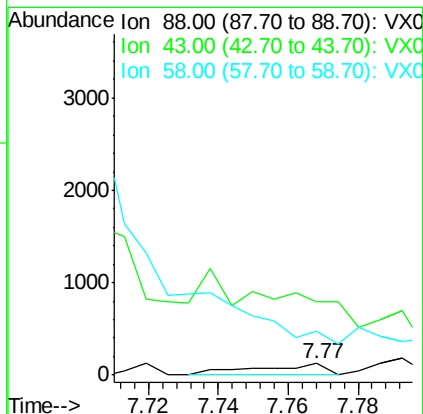
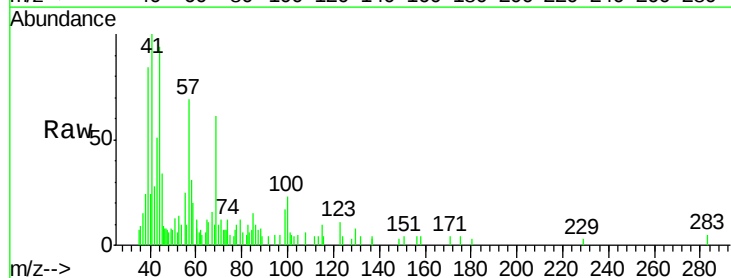
Tgt Ion: 88 Resp: 165

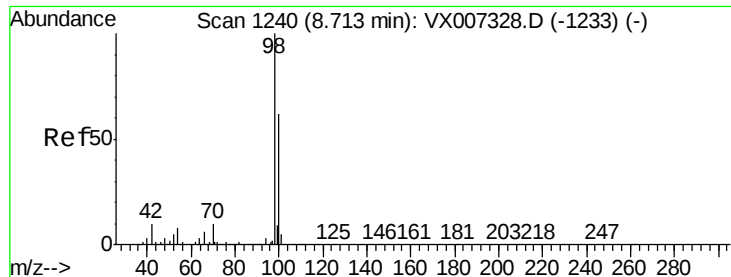
Ion Ratio Lower Upper

88 100

43 0.0 24.2 36.4#

58 0.0 53.0 79.4#





#50

Toluene-d8

Concen: 48.860 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007525.D

Acq: 13 Feb 2019 17:24

Instrument :

MSVOA_X

ClientSampleId :

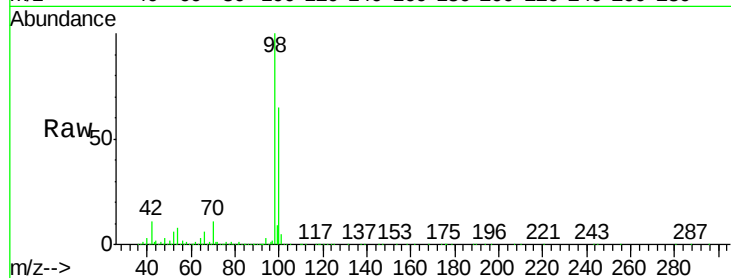
TEST-PIT-4

Tot Ion: 98 Resp: 980240

Ion Ratio Lower Upper

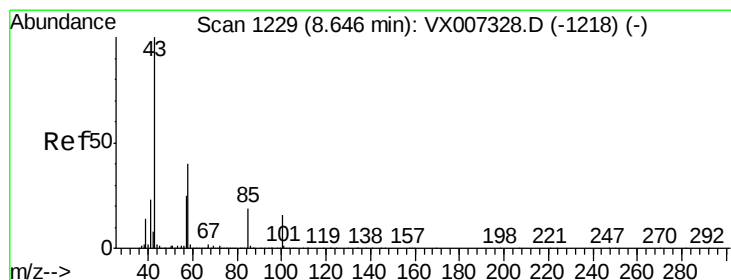
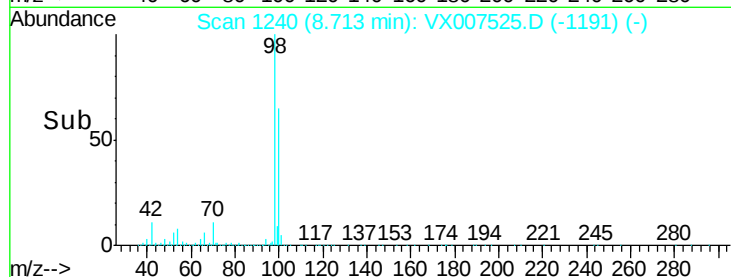
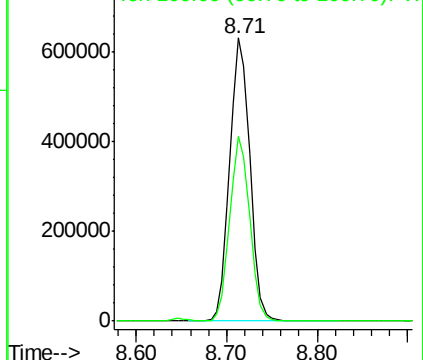
98 100

100 63.9 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#51

4-Methyl-2-Pentanone

Concen: 6.384 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX007525.D

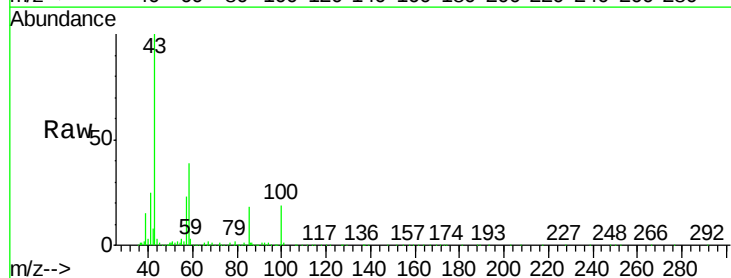
Acq: 13 Feb 2019 17:24

Tgt Ion: 43 Resp: 48897

Ion Ratio Lower Upper

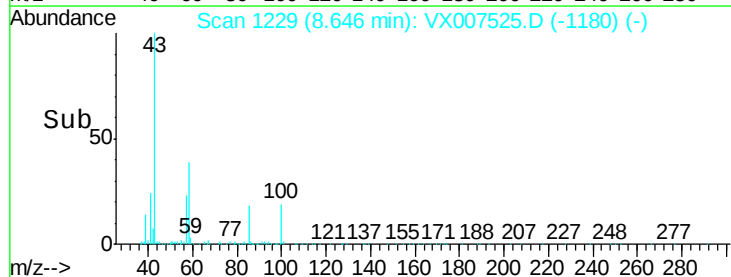
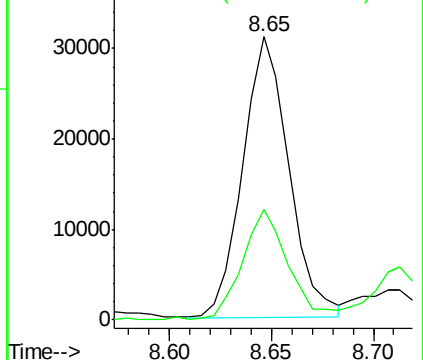
43 100

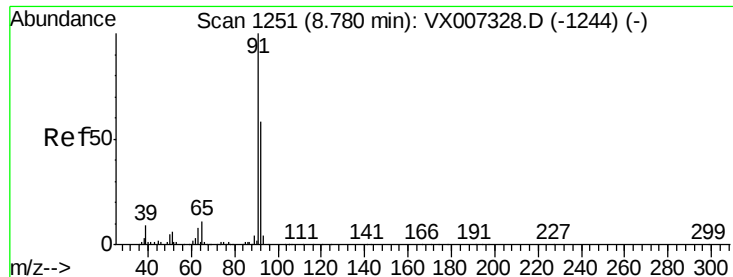
58 38.9 31.2 46.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#52

Toluene

Concen: 7.808 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX007525.D

Acq: 13 Feb 2019 17:24

Instrument :

MSVOA_X

ClientSampleId :

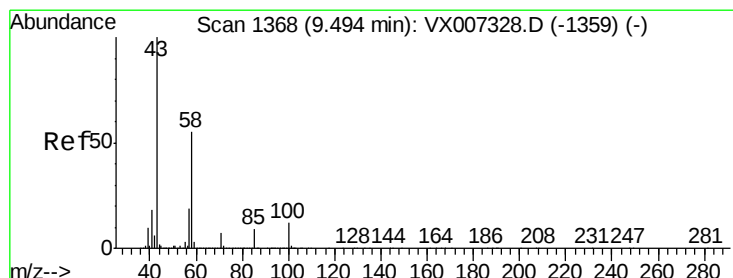
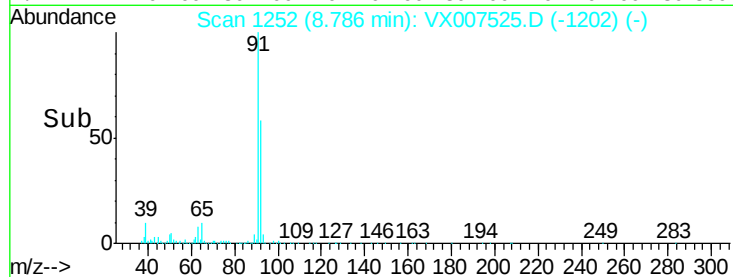
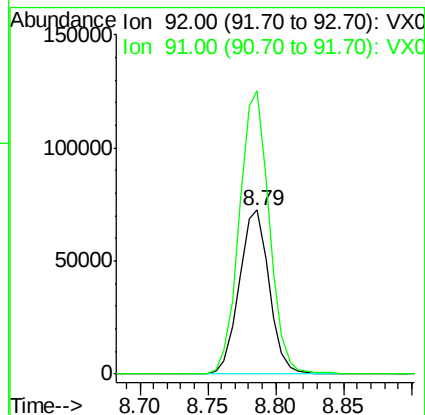
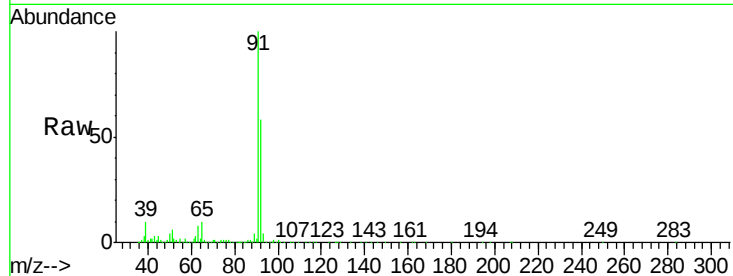
TEST-PIT-4

Tot Ion: 92 Resp: 110644

Ion Ratio Lower Upper

92 100

91 173.2 139.1 208.7



#59

2-Hexanone

Concen: 177.934 ug/l

RT: 9.58 min Scan# 1383

Delta R.T. 0.09 min

Lab File: VX007525.D

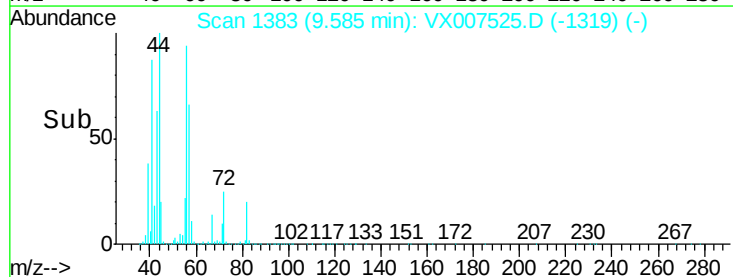
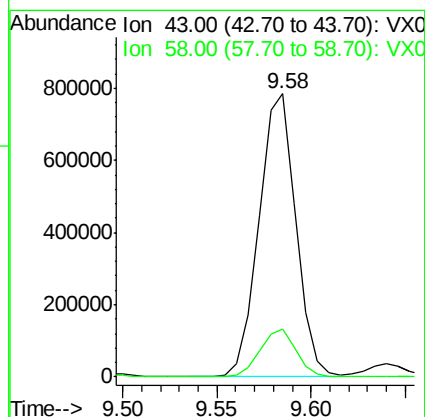
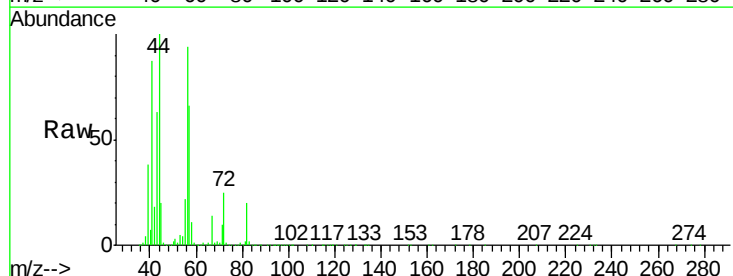
Acq: 13 Feb 2019 17:24

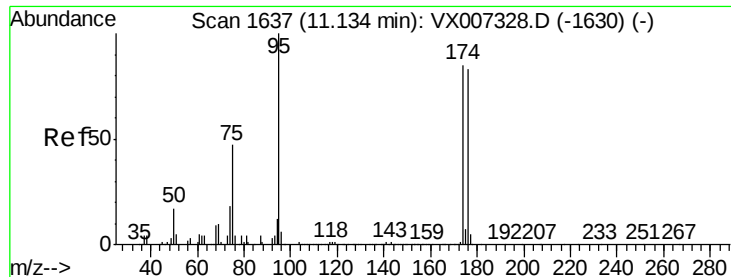
Tgt Ion: 43 Resp: 1060475

Ion Ratio Lower Upper

43 100

58 16.4 27.1 81.3#





#62

4-Bromofluorobenzene

Concen: 49.672 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007525.D

Acq: 13 Feb 2019 17:24

Instrument :

MSVOA_X

ClientSampleId :

TEST-PIT-4

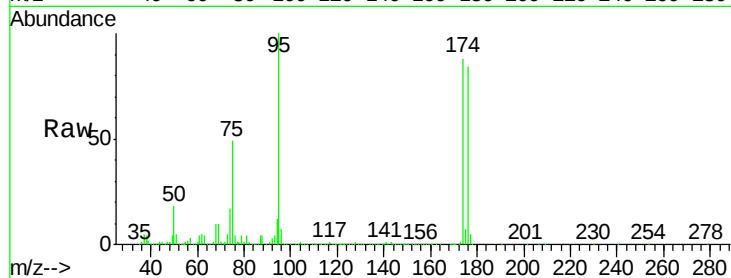
Tot Ion: 95 Resp: 363829

Ion Ratio Lower Upper

95 100

174 93.6 0.0 189.2

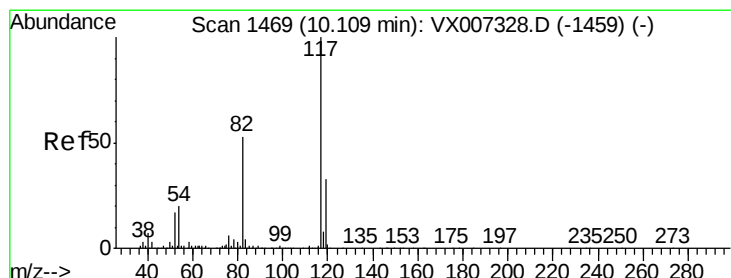
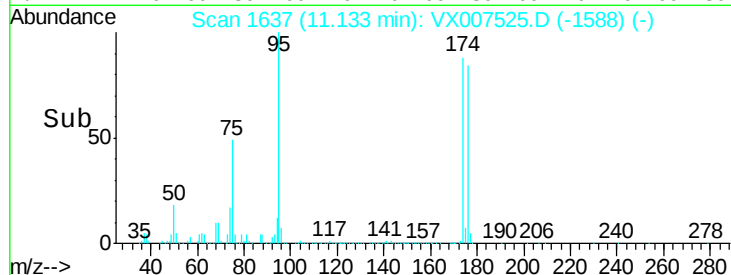
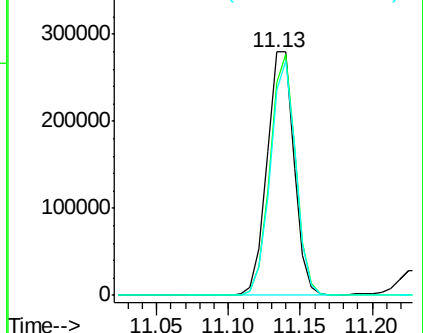
176 90.5 0.0 186.2



Abundance Ion 94.90 (94.60 to 95.60): VX007525.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX007525.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX007525.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX007525.D

Acq: 13 Feb 2019 17:24

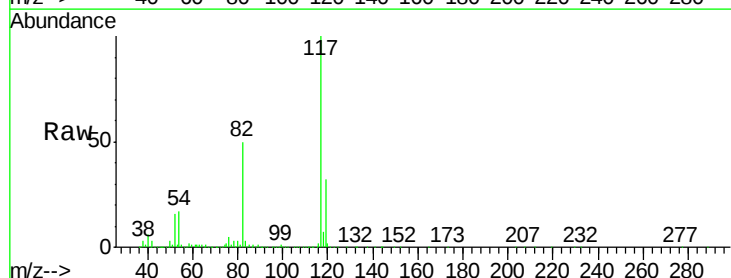
Tgt Ion: 117 Resp: 783380

Ion Ratio Lower Upper

117 100

82 49.9 42.1 63.1

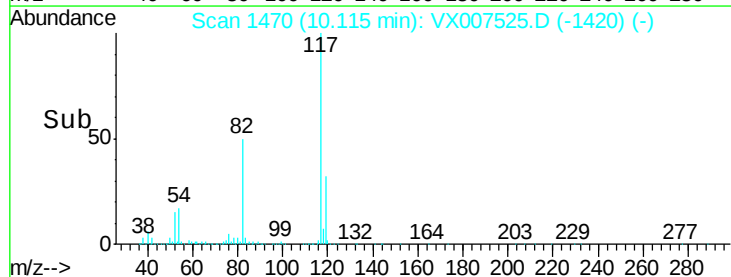
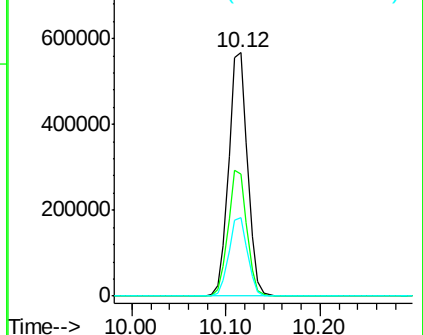
119 32.4 26.5 39.7

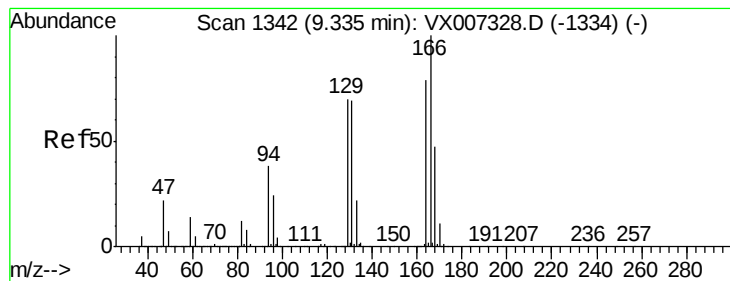


Abundance Ion 116.90 (116.60 to 117.60): VX007525.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX007525.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX007525.D (-1420) (-)





#64

Tetrachloroethene

Concen: 0.527 ug/l

RT: 9.33 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX007525.D

Acq: 13 Feb 2019 17:24

Instrument :

MSVOA_X

ClientSampleId :

TEST-PIT-4

Tot Ion:164 Resp: 3890

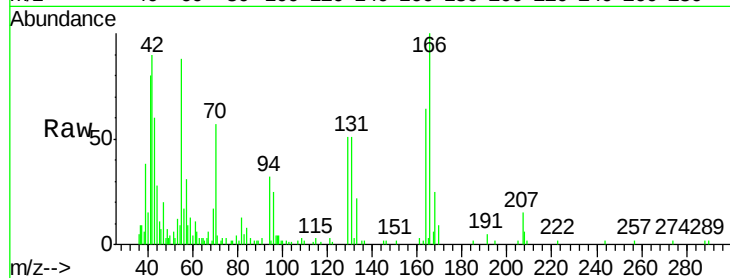
Ion Ratio Lower Upper

164 100

166 156.2 101.0 151.4#

129 79.9 70.5 105.7

131 79.9 69.8 104.6



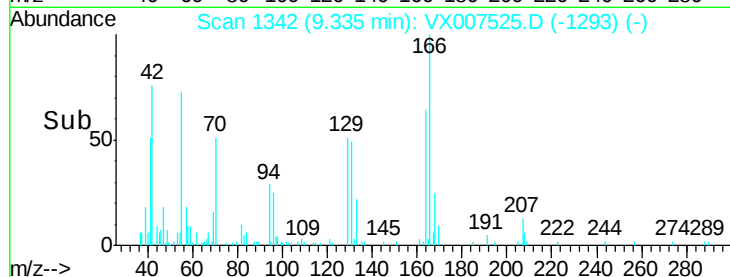
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

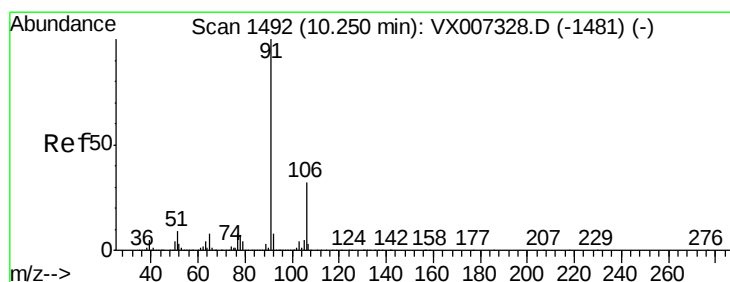
Ion 130.80 (130.50 to 131.50): V

Time-->



Abundance

Time-->



#67

Ethyl Benzene

Concen: 0.304 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX007525.D

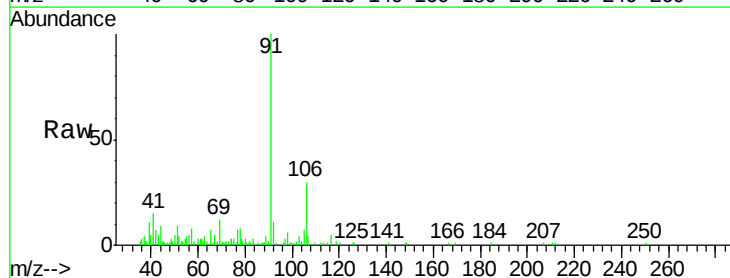
Acq: 13 Feb 2019 17:24

Tgt Ion: 91 Resp: 8369

Ion Ratio Lower Upper

91 100

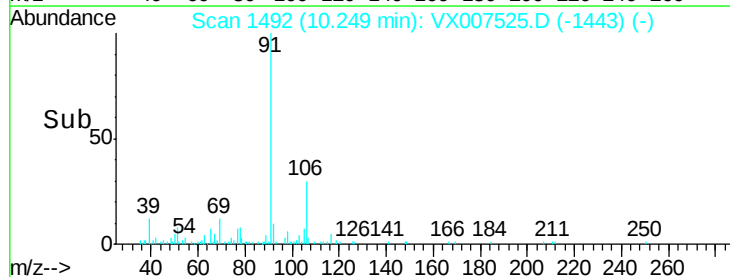
106 29.8 25.4 38.0

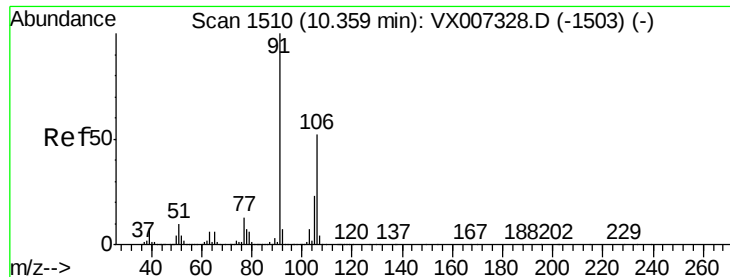


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

Time-->





#68

m/p-Xylenes

Concen: 0.867 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007525.D

Acq: 13 Feb 2019 17:24

Instrument :

MSVOA_X

ClientSampleId :

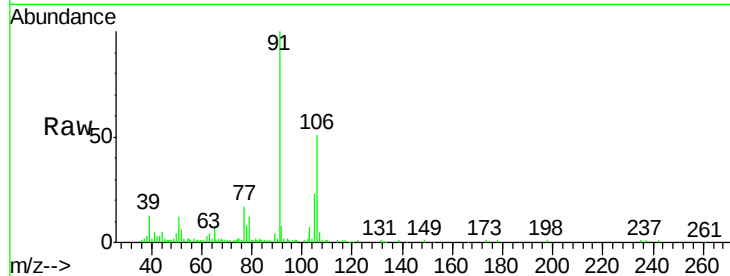
TEST-PIT-4

Tot Ion:106 Resp: 9488

Ion Ratio Lower Upper

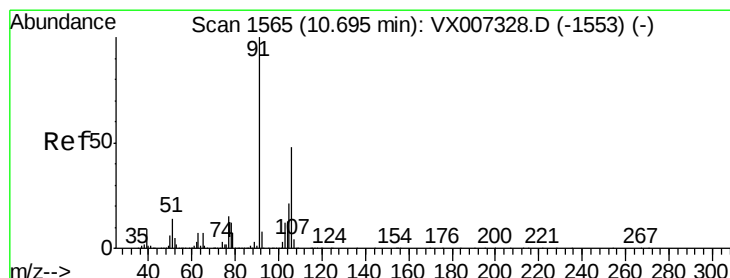
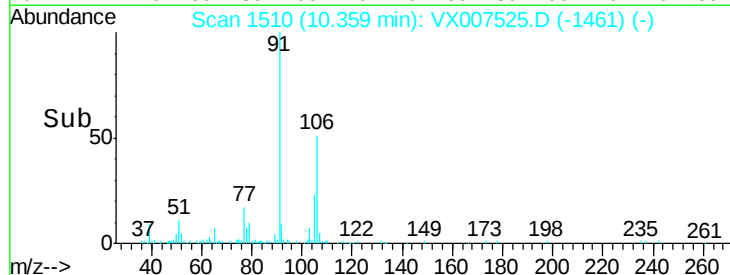
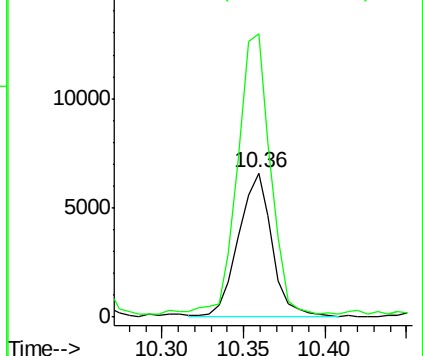
106 100

91 192.0 156.6 234.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 0.443 ug/l

RT: 10.70 min Scan# 1566

Delta R.T. 0.01 min

Lab File: VX007525.D

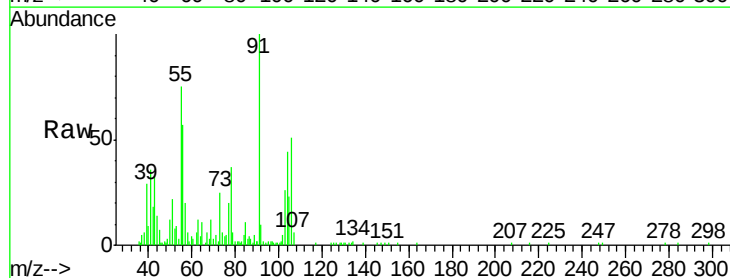
Acq: 13 Feb 2019 17:24

Tgt Ion:106 Resp: 4661

Ion Ratio Lower Upper

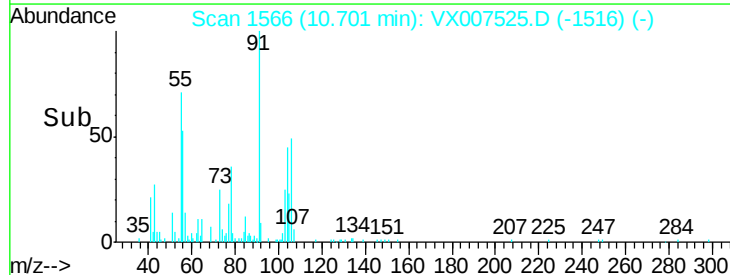
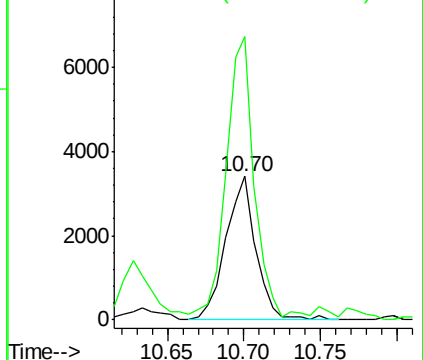
106 100

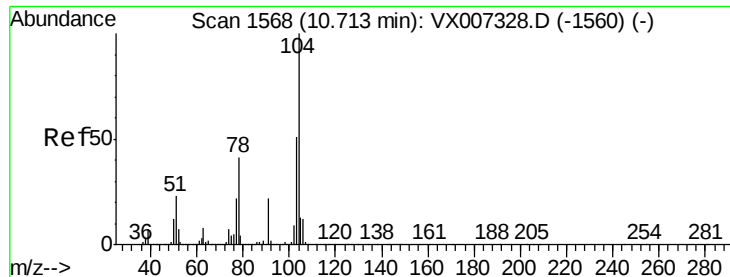
91 180.2 102.9 308.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#70

Stvrene

Concen: 0.618 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX007525.D

Acq: 13 Feb 2019 17:24

Instrument :

MSVOA_X

ClientSampled :

TEST-PIT-4

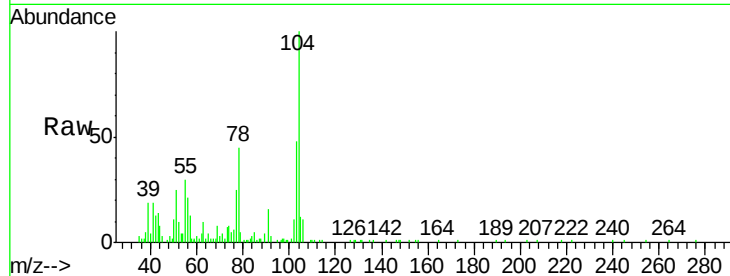
Tot Ion:104 Resp: 10558

Ion Ratio Lower Upper

104 100

78 45.4 38.3 57.5

103 56.8 44.6 67.0

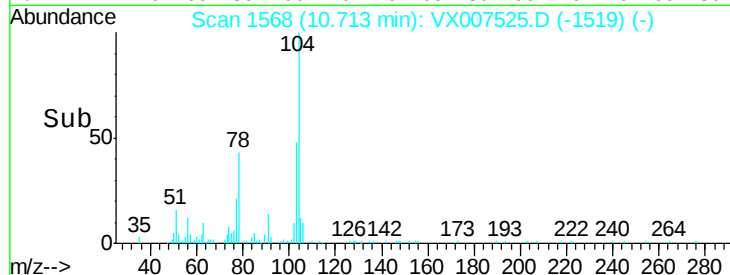


Abundance Ion 104.00 (103.70 to 104.70): V

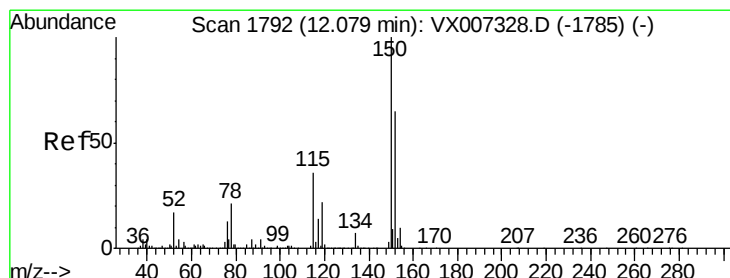
Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V

Time-->



Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX007525.D

Acq: 13 Feb 2019 17:24

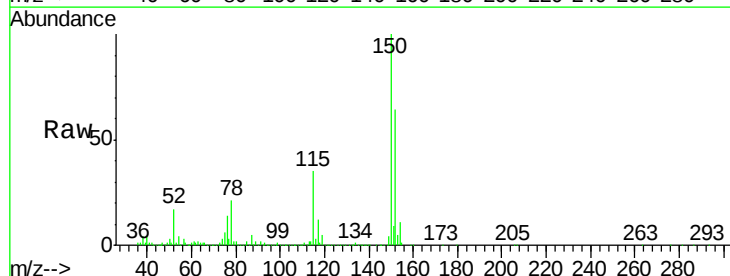
Tgt Ion:152 Resp: 395150

Ion Ratio Lower Upper

152 100

115 58.3 38.0 114.0

150 156.5 0.0 346.4

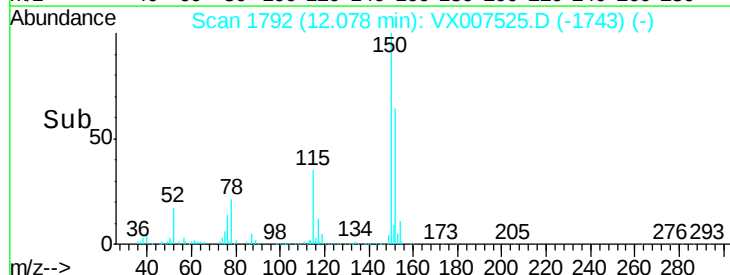


Abundance Ion 151.90 (151.60 to 152.60): V

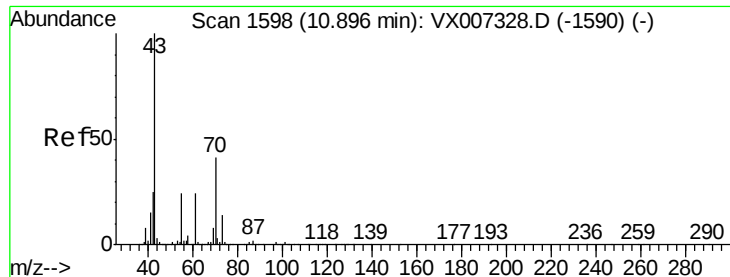
Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

Time-->



Time-->



#74

N-amvl acetate

Concen: 6.088 ug/l

RT: 10.91 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VX007525.D

Acq: 13 Feb 2019 17:24

Instrument :

MSVOA_X

ClientSampled :

TEST-PIT-4

Tot Ion: 43 Resp: 63235

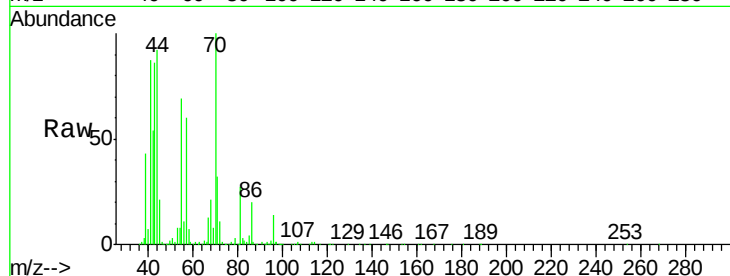
Ion Ratio Lower Upper

43 100

70 115.1 33.8 50.6#

55 82.3 19.5 29.3#

61 2.5 19.4 29.2#

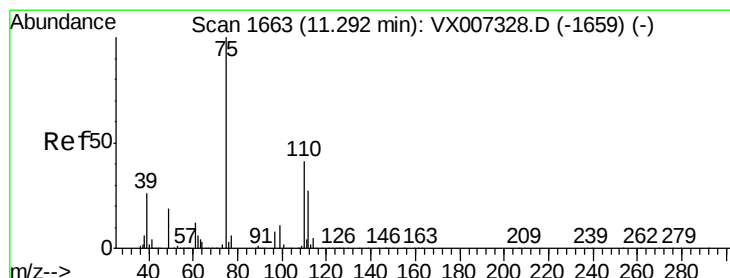
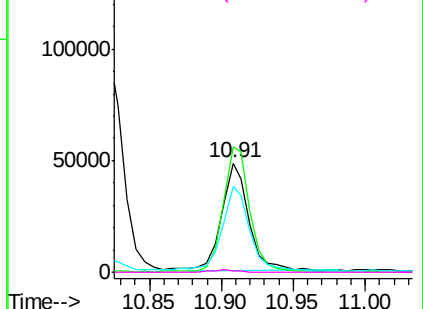
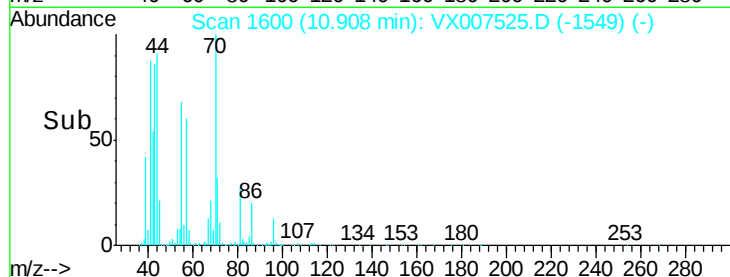


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#76

1,2,3-Trichloropropane

Concen: 22.440 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX007525.D

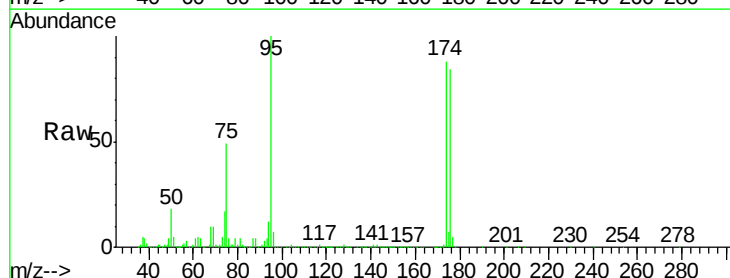
Acq: 13 Feb 2019 17:24

Tgt Ion: 75 Resp: 172480

Ion Ratio Lower Upper

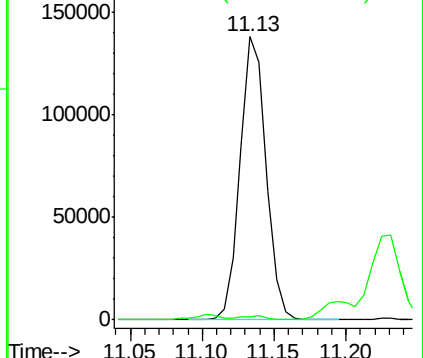
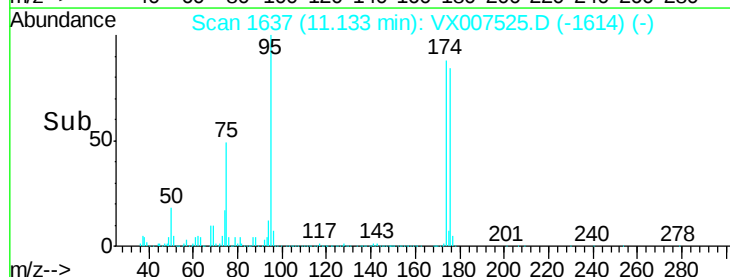
75 100

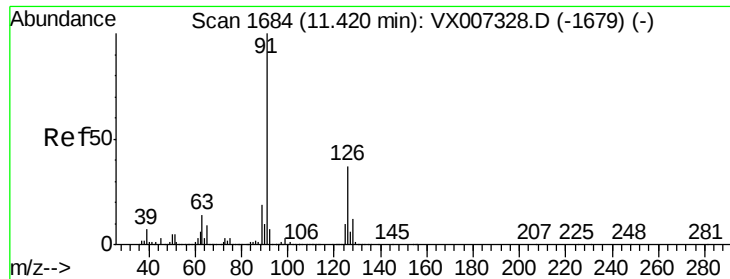
77 1.2 23.0 69.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#79

2-Chlorotoluene

Concen: 0.273 ug/l

RT: 11.52 min Scan# 1700

Delta R.T. 0.10 min

Lab File: VX007525.D

Acq: 13 Feb 2019 17:24

Instrument :

MSVOA_X

ClientSampled :

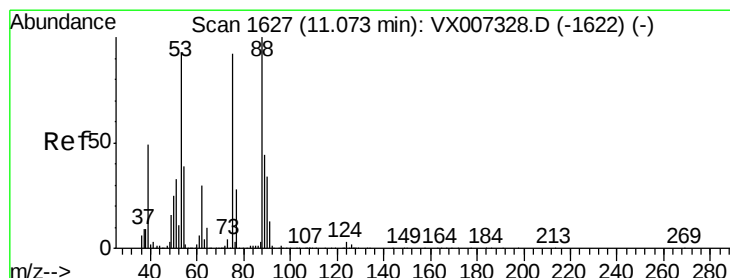
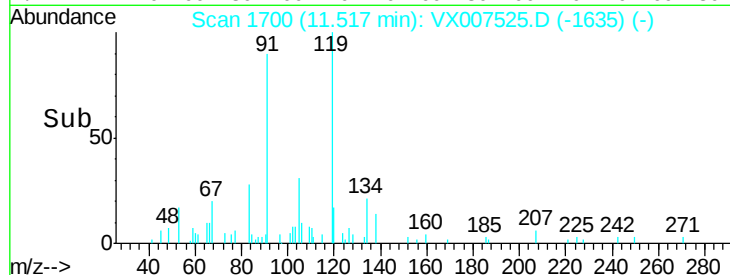
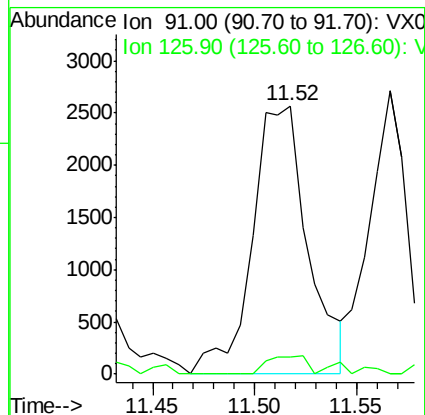
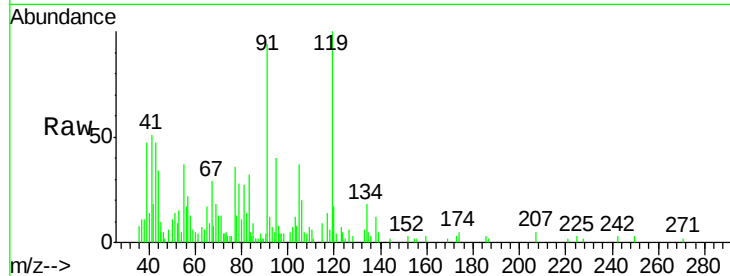
TEST-PIT-4

Tot Ion: 91 Resp: 4882

Ion Ratio Lower Upper

91 100

126 5.2 18.7 56.1#



#81

trans-1,4-Dichloro-2-butene

Concen: 67.724 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX007525.D

Acq: 13 Feb 2019 17:24

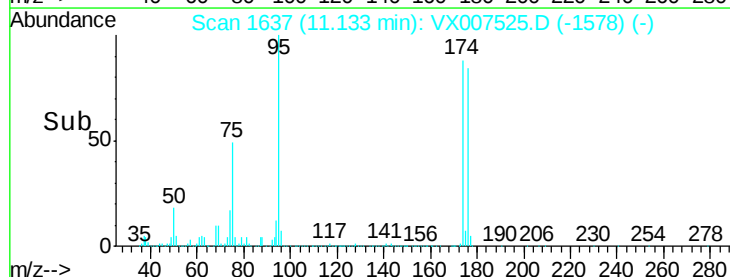
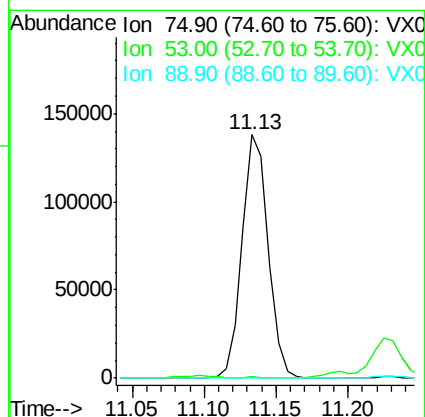
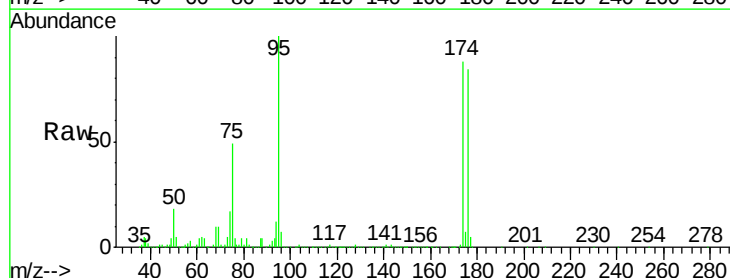
Tgt Ion: 75 Resp: 172480

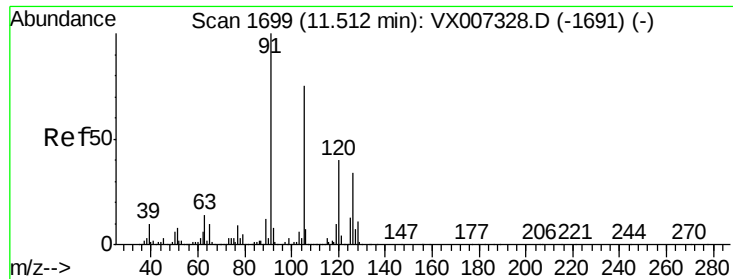
Ion Ratio Lower Upper

75 100

53 0.0 81.0 121.6#

89 0.0 41.4 62.0#

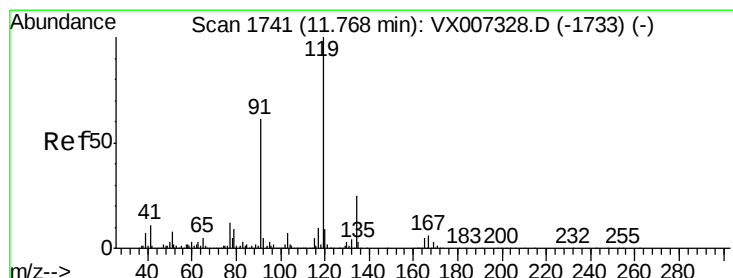
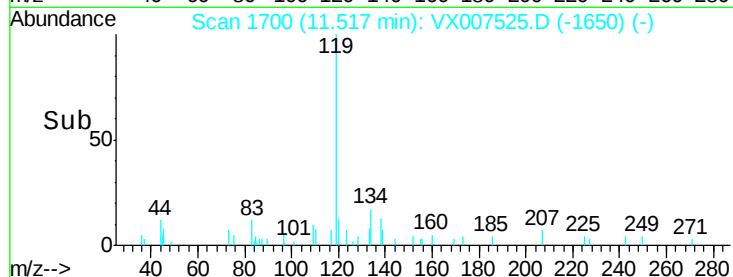
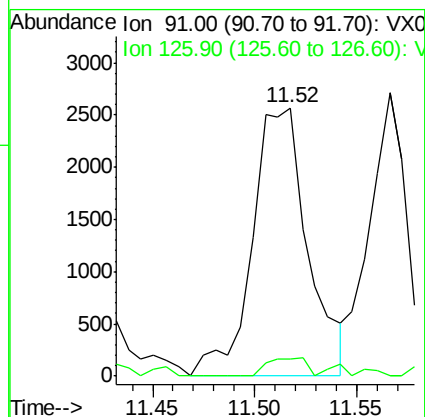
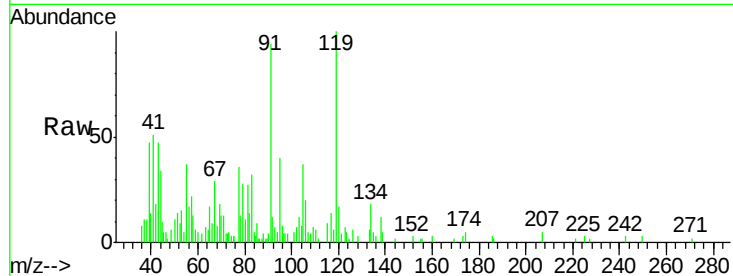




#82
4-Chlorotoluene
Concen: 0.236 ug/l
RT: 11.52 min Scan# 1700
Delta R.T. 0.01 min
Lab File: VX007525.D
Acq: 13 Feb 2019 17:24

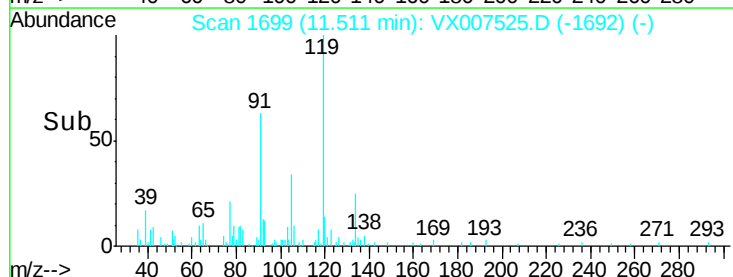
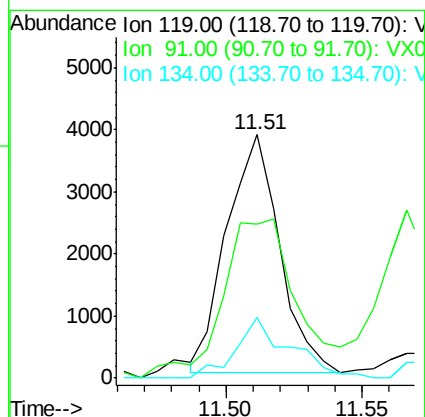
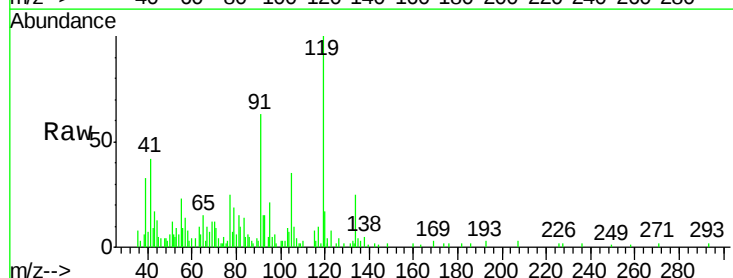
Instrument :
MSVOA_X
ClientSampleId :
TEST-PIT-4

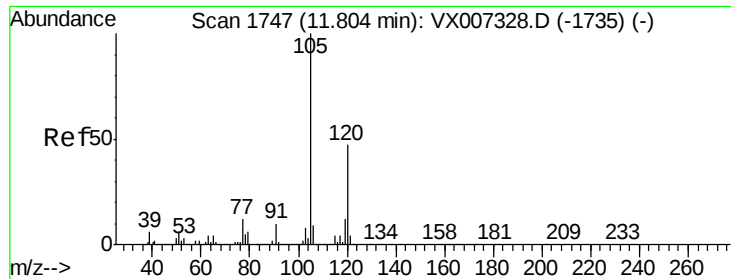
Tot Ion: 91 Resp: 4882
Ion Ratio Lower Upper
91 100
126 5.2 16.2 48.5#



#83
tert-Butylbenzene
Concen: 0.236 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.26 min
Lab File: VX007525.D
Acq: 13 Feb 2019 17:24

Tgt Ion: 119 Resp: 5132
Ion Ratio Lower Upper
119 100
91 77.1 28.5 85.6
134 26.3 12.0 36.0





#84

1,2,4-Trimethylbenzene

Concen: 6.038 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX007525.D

Acq: 13 Feb 2019 17:24

Instrument :

MSVOA_X

ClientSampled :

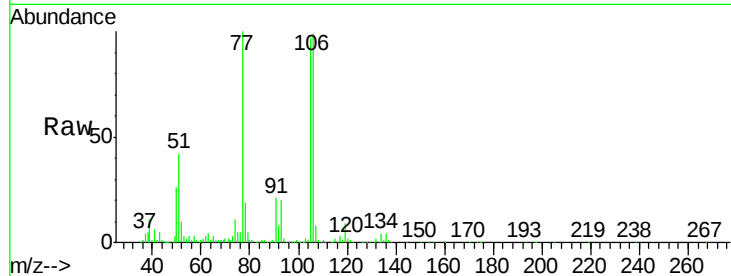
TEST-PIT-4

Tot Ion:105 Resp: 134676

Ion Ratio Lower Upper

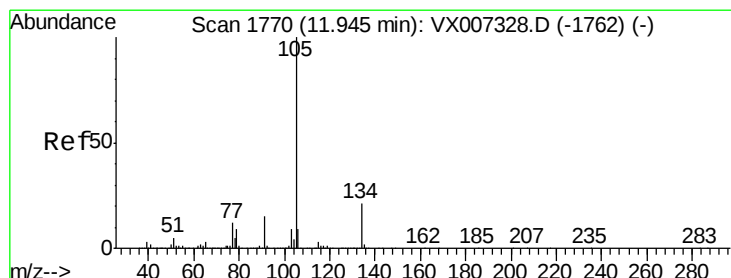
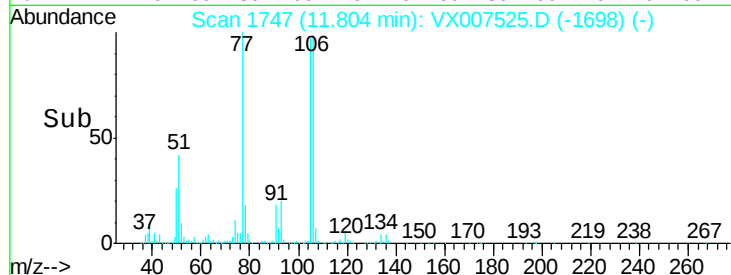
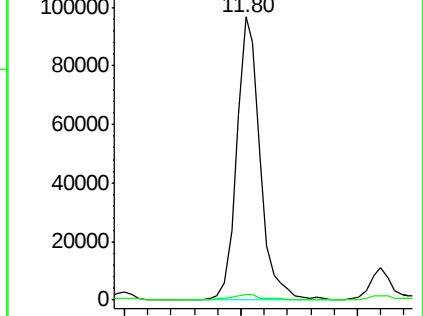
105 100

120 3.0 23.1 69.3#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 0.538 ug/l

RT: 11.92 min Scan# 1766

Delta R.T. -0.02 min

Lab File: VX007525.D

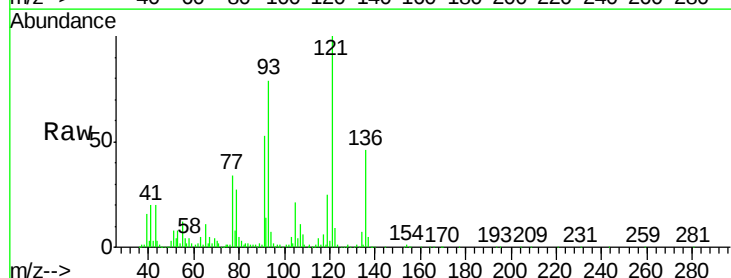
Acq: 13 Feb 2019 17:24

Tgt Ion:105 Resp: 14172

Ion Ratio Lower Upper

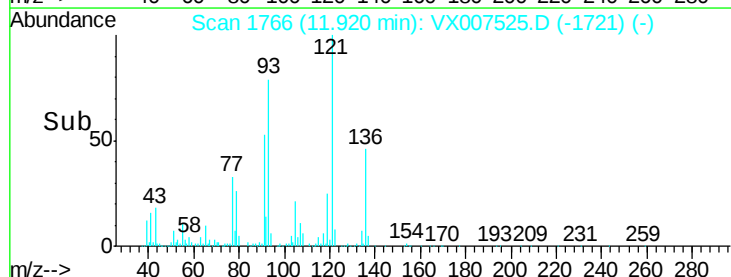
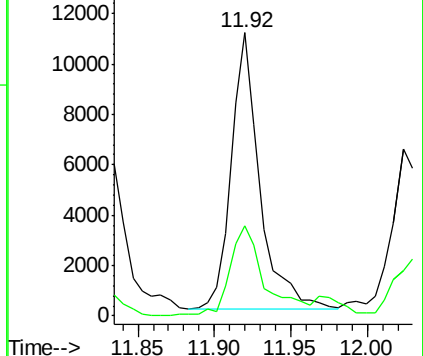
105 100

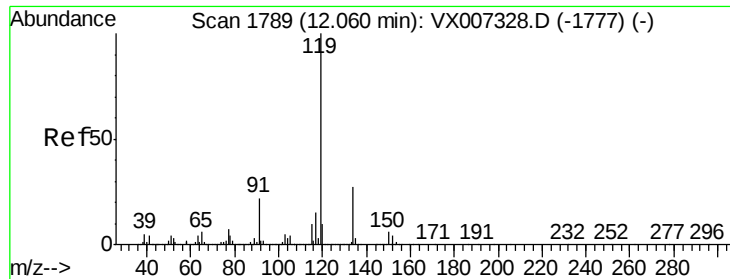
134 40.1 10.6 31.8#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

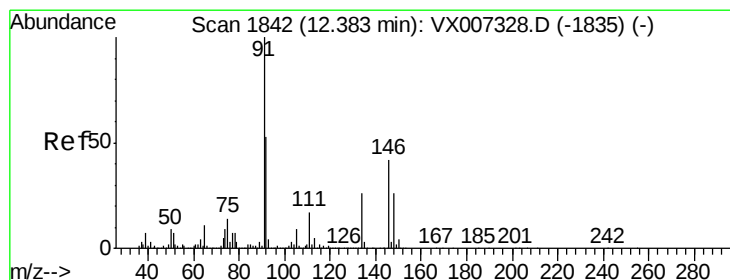
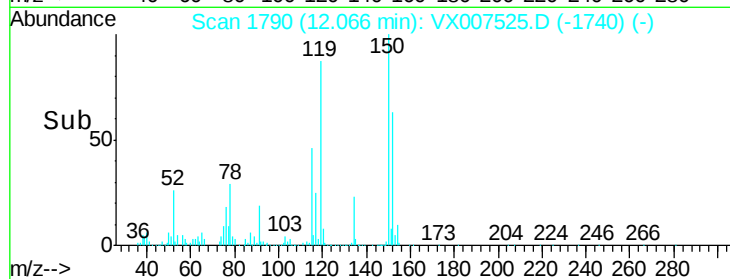
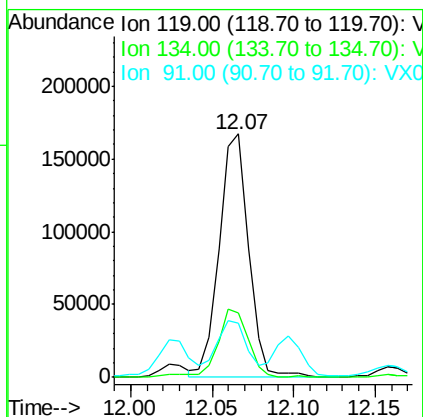
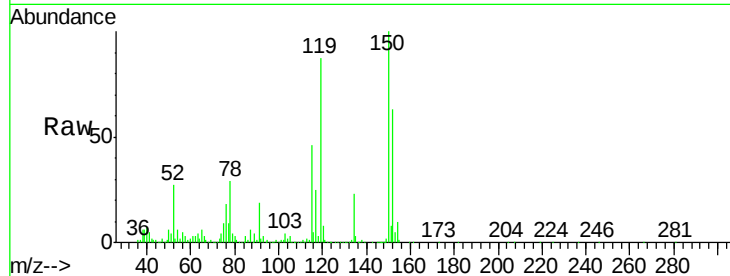




#86
p-Isopropyltoluene
Concen: 8.850 ug/l
RT: 12.07 min Scan# 1790
Delta R.T. 0.01 min
Lab File: VX007525.D
Acq: 13 Feb 2019 17:24

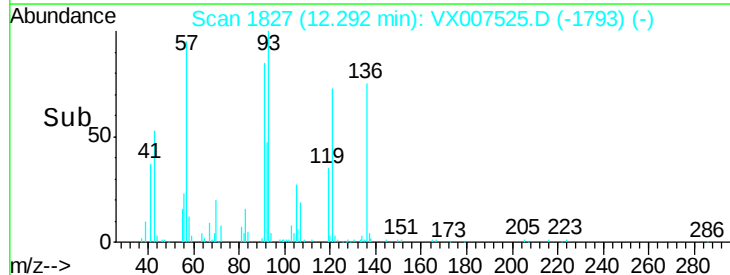
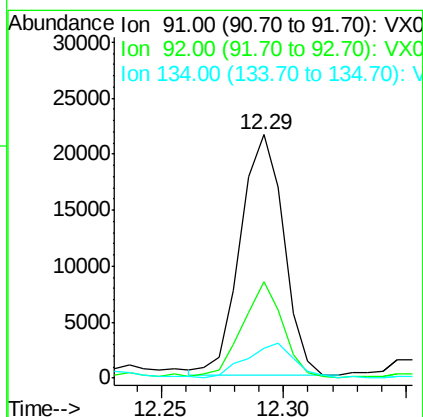
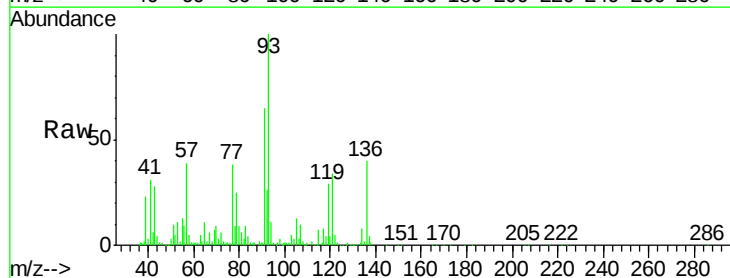
Instrument :
MSVOA_X
ClientSampleId :
TEST-PIT-4

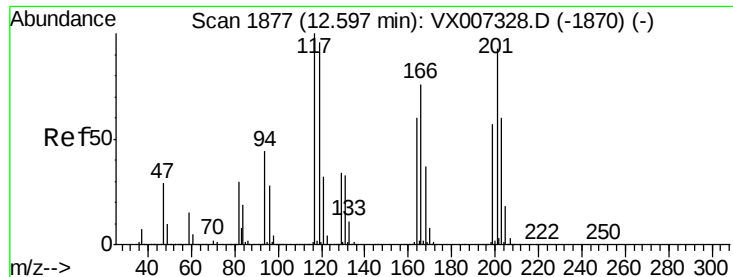
Tot Ion	Ratio	Lower	Upper
119	100		
134	30.1	13.7	41.1
91	22.8	11.2	33.5



#89
n-Butylbenzene
Concen: 1.302 ug/l
RT: 12.29 min Scan# 1827
Delta R.T. -0.09 min
Lab File: VX007525.D
Acq: 13 Feb 2019 17:24

Tgt Ion	Ratio	Lower	Upper
91	100		
92	37.3	26.3	78.9
134	16.2	13.9	41.6





#90

Hexachloroethane

Concen: 1.351 ug/l

RT: 12.58 min Scan# 1874

Delta R.T. -0.02 min

Lab File: VX007525.D

Acq: 13 Feb 2019 17:24

Instrument :

MSVOA_X

ClientSampled :

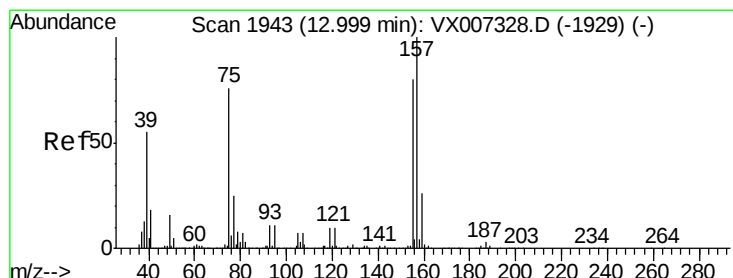
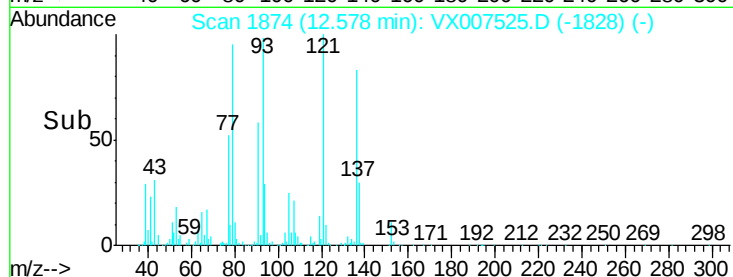
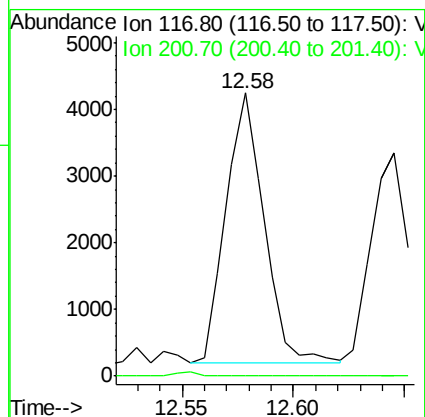
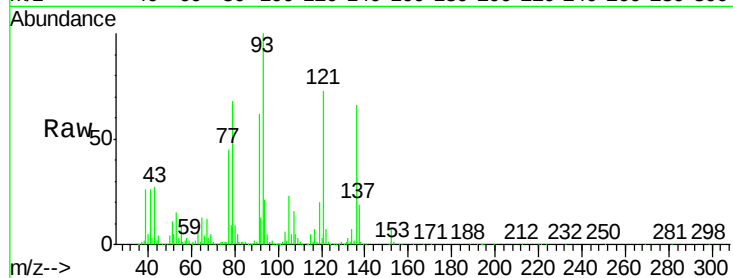
TEST-PIT-4

Tot Ion:117 Resp: 4804

Ion Ratio Lower Upper

117 100

201 0.0 44.9 134.7#



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.341 ug/l

RT: 12.97 min Scan# 1939

Delta R.T. -0.02 min

Lab File: VX007525.D

Acq: 13 Feb 2019 17:24

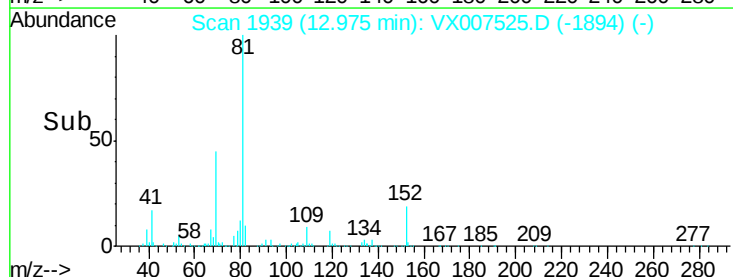
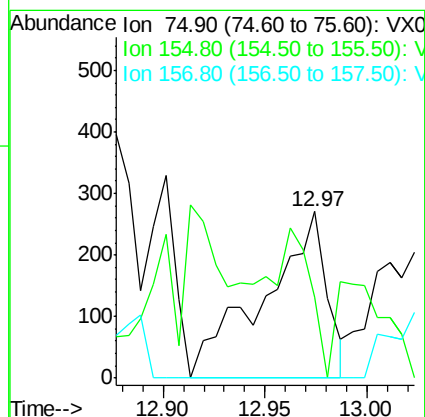
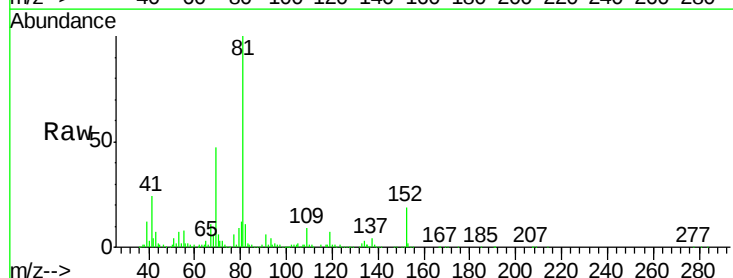
Tgt Ion: 75 Resp: 580

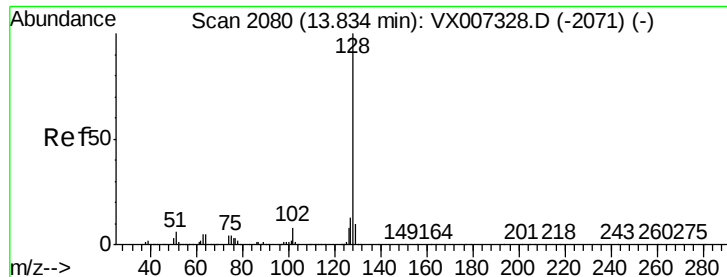
Ion Ratio Lower Upper

75 100

155 46.0 49.6 149.0#

157 0.0 65.1 195.3#

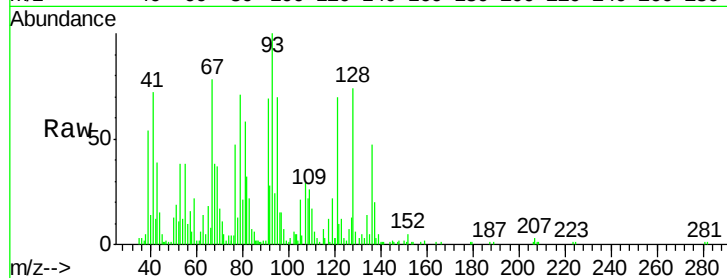




#95
Naphthalene
Concen: 0.308 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX007525.D
Acq: 13 Feb 2019 17:24

Instrument :
MSVOA_X
ClientSampleId :
TEST-PIT-4

Tot Ion	Ratio	Lower	Upper
128	100		
127	15.4	10.5	15.7
129	14.4	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

