

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040919\
 Data File : VX008790.D
 Acq On : 09 Apr 2019 22:48
 Operator : JC/SP
 Sample : K2338-13
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-3-SHALLOW

Quant Time: Apr 10 06:42:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	205869	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	340085	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	306421	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	141895	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	140140	46.67	ug/l	0.00
Spiked Amount			Recovery	=	93.34%	
35) Dibromofluoromethane	5.50	113	102432	47.11	ug/l	0.00
Spiked Amount			Recovery	=	94.22%	
50) Toluene-d8	8.71	98	435328	50.28	ug/l	0.00
Spiked Amount			Recovery	=	100.56%	
62) 4-Bromofluorobenzene	11.13	95	152985	49.83	ug/l	0.00
Spiked Amount			Recovery	=	99.66%	

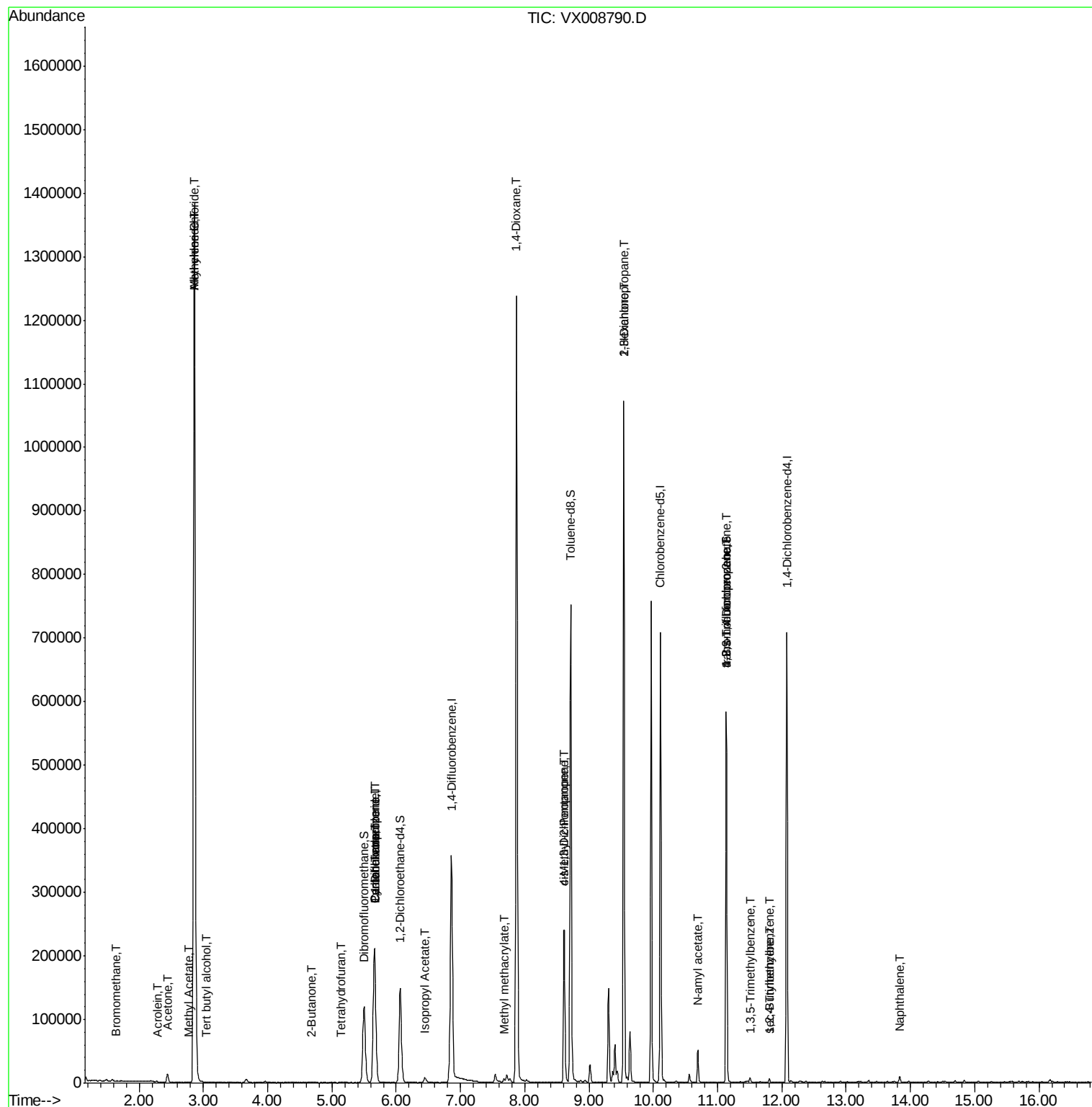
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	242	Below Cal	#	86
5) Bromomethane	1.65	94	53	1.918	ug/l #	3
6) Chloroethane	1.73	64	42	Below Cal	#	43
11) Tert butyl alcohol	3.04	59	577	0.821	ug/l #	82
13) Acrolein	2.29	56	166	0.476	ug/l #	13
14) Allyl chloride	2.85	41	32968	6.051	ug/l #	31
16) Acetone	2.44	43	15407	8.908	ug/l	99
17) Carbon Disulfide	2.57	76	266	Below Cal	#	75
18) Methyl Acetate	2.78	43	1692	0.403	ug/l	98
20) Methylene Chloride	2.86	84	647250	223.580	ug/l	99
25) 2-Butanone	4.68	43	2652	0.970	ug/l	94
28) Bromochloromethane	5.04	49	142	Below Cal	#	22
29) Tetrahydrofuran	5.15	42	1642	0.905	ug/l #	90
31) Cyclohexane	5.67	56	4844	0.934	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	16430	4.420	ug/l #	51
38) Carbon Tetrachloride	5.67	117	19759	6.422	ug/l #	16
43) Isopropyl Acetate	6.45	43	11707	1.506	ug/l	97
48) Methyl methacrylate	7.68	41	7564	1.924	ug/l #	18
49) 1,4-Dioxane	7.87	88	132	1.792	ug/l #	1
51) 4-Methyl-2-Pentanone	8.61	43	85657	17.118	ug/l #	51
54) cis-1,3-Dichloropropene	8.62	75	37212	8.411	ug/l #	57
57) 1,3-Dichloropropane	9.54	76	8316	1.767	ug/l #	43
59) 2-Hexanone	9.54	43	131538	33.826	ug/l #	52
74) N-ethyl acetate	10.69	43	13814	1.997	ug/l #	56
76) 1,2,3-Trichloropropane	11.13	75	77788	19.956	ug/l #	33
80) 1,3,5-Trimethylbenzene	11.51	105	2869	0.291	ug/l	94
81) trans-1,4-Dichloro-2-buten	11.13	75	77788	55.009	ug/l #	9
84) 1,2,4-Trimethylbenzene	11.80	105	2828	0.283	ug/l	100
85) sec-Butylbenzene	11.80	105	2828	0.251	ug/l #	58
95) Naphthalene	13.83	128	5397	0.462	ug/l	97

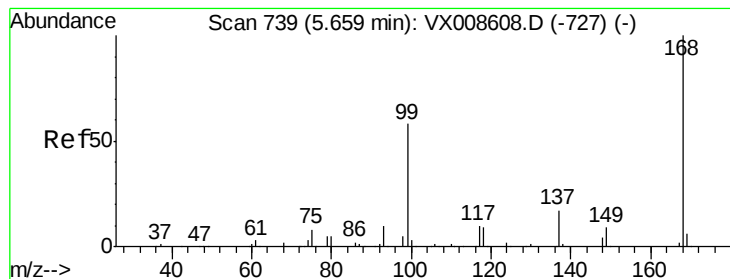
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX008790.D

Acq: 09 Apr 2019 22:48

Instrument :

MSVOA_X

ClientSampleId :

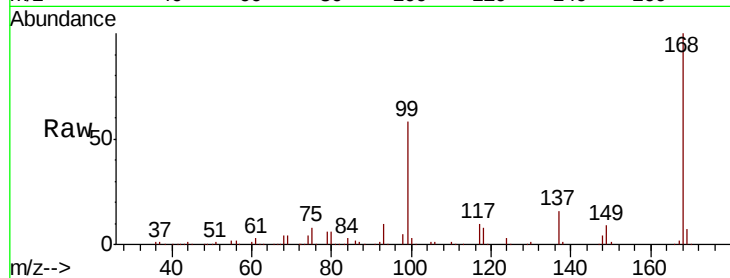
TP-3-SHALLOW

Tot Ion:168 Resp: 205869

Ion Ratio Lower Upper

168 100

99 57.5 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

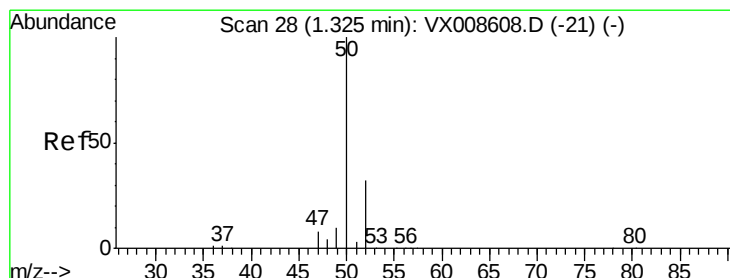
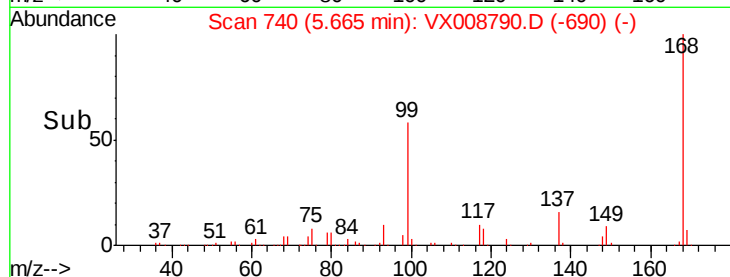
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: Below Cal

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008790.D

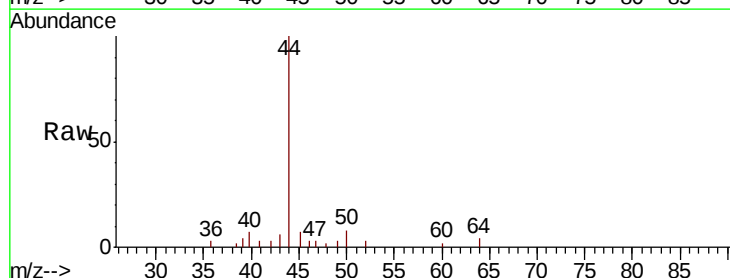
Acq: 09 Apr 2019 22:48

Tgt Ion: 50 Resp: 242

Ion Ratio Lower Upper

50 100

52 40.0 25.8 38.8#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

200

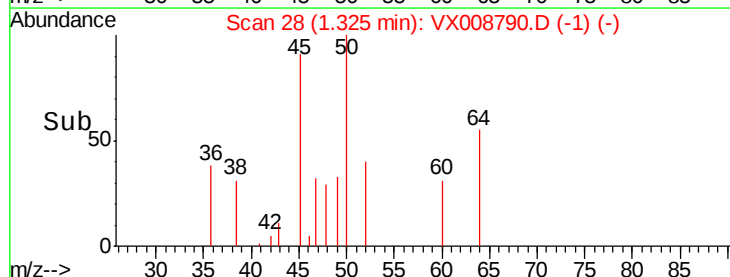
150

100

50

0

Time--> 1.30 1.35





#5

Bromomethane

Concen: 1.918 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX008790.D

Acq: 09 Apr 2019 22:48

Instrument :

MSVOA_X

ClientSampleId :

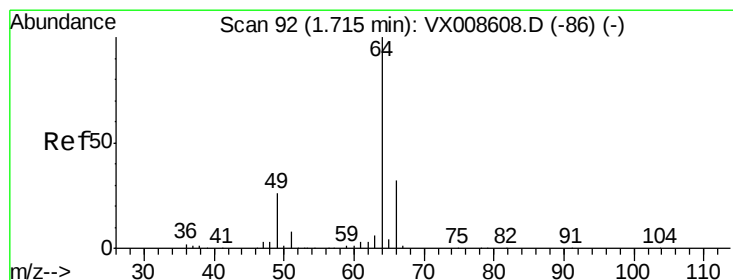
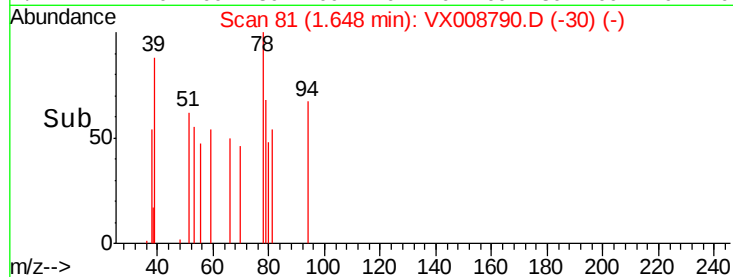
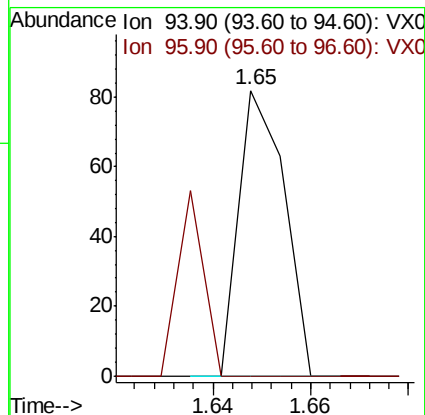
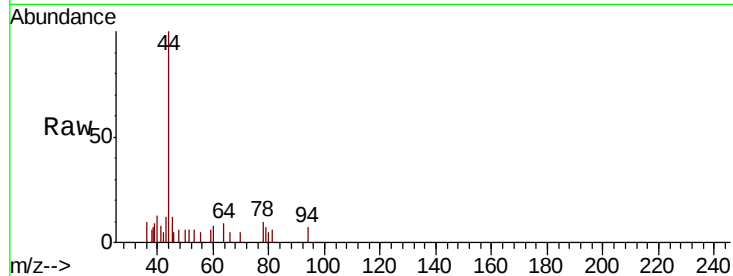
TP-3-SHALLOW

Tot Ion: 94 Resp: 53

Ion Ratio Lower Upper

94 100

96 0.0 75.2 112.8#



#6

Chloroethane

Concen: Below Cal

RT: 1.73 min Scan# 95

Delta R.T. 0.02 min

Lab File: VX008790.D

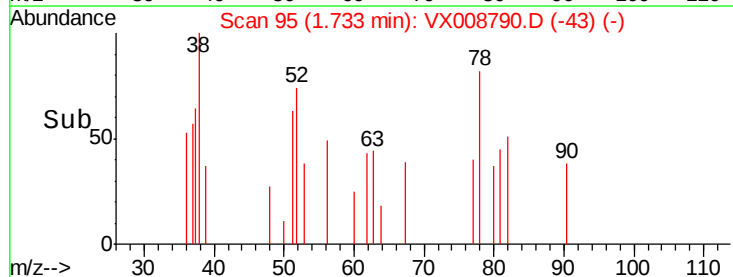
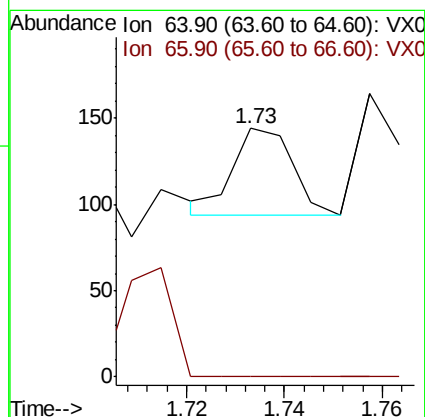
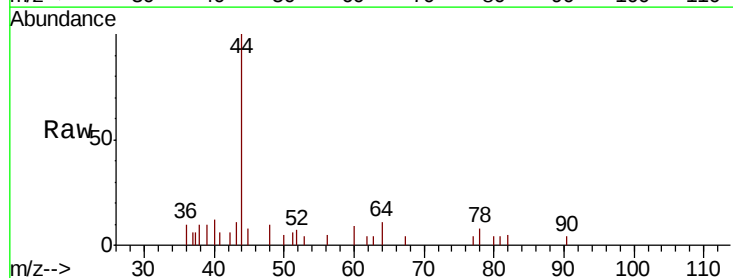
Acq: 09 Apr 2019 22:48

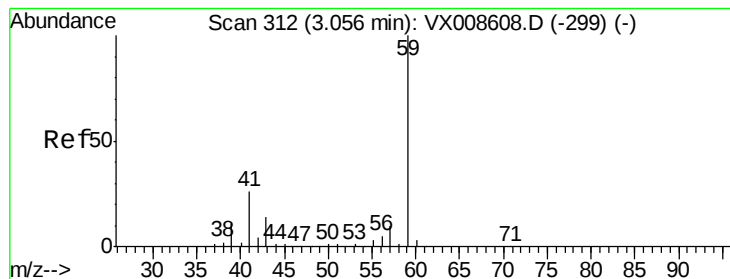
Tgt Ion: 64 Resp: 42

Ion Ratio Lower Upper

64 100

66 0.0 25.4 38.0#



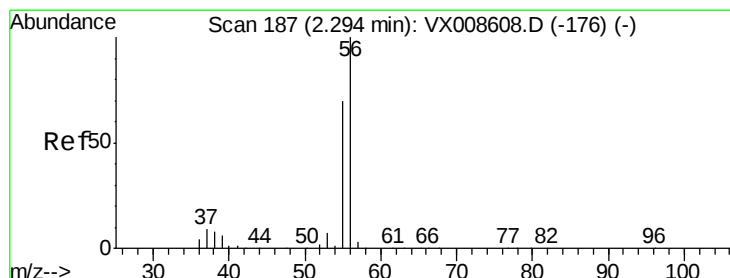
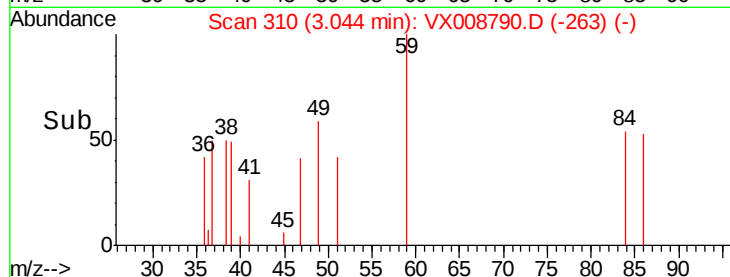
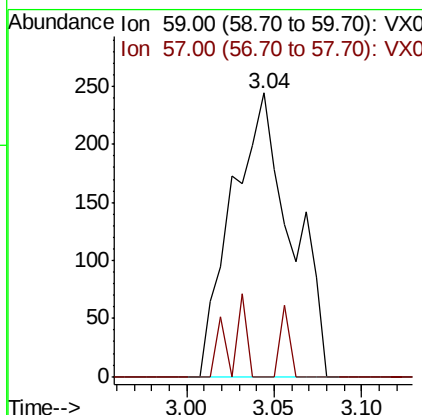
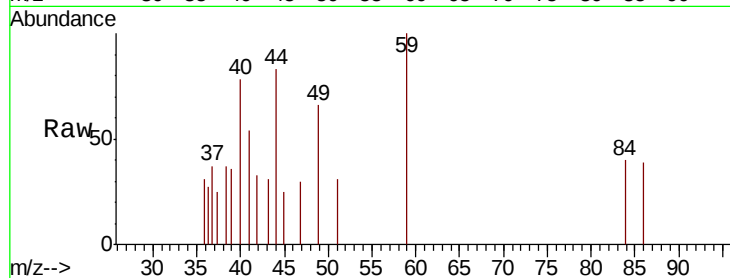


#11

Tert butyl alcohol
 Concen: 0.821 ug/l
 RT: 3.04 min Scan# 310
 Delta R.T. -0.01 min
 Lab File: VX008790.D
 Acq: 09 Apr 2019 22:48

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-3-SHALLOW

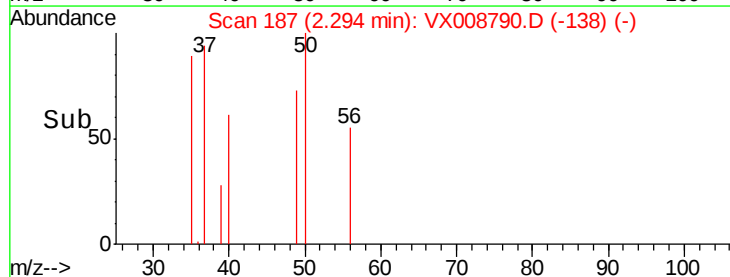
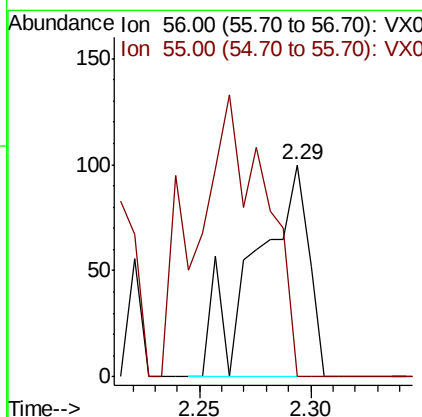
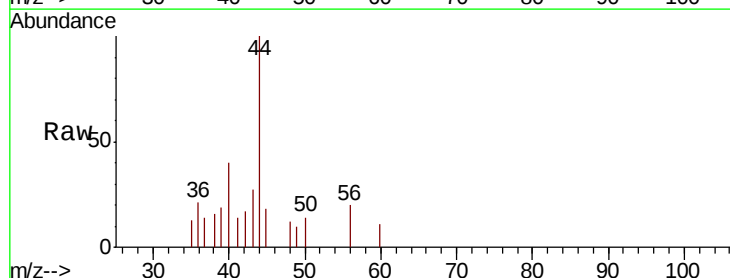
Tot Ion: 59 Resp: 577
 Ion Ratio Lower Upper
 59 100
 57 3.8 8.3 12.5#

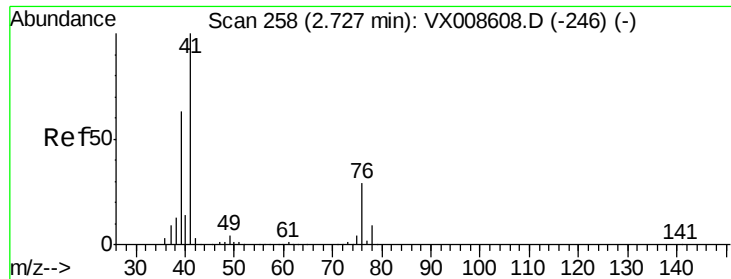


#13

Acrolein
 Concen: 0.476 ug/l
 RT: 2.29 min Scan# 187
 Delta R.T. -0.00 min
 Lab File: VX008790.D
 Acq: 09 Apr 2019 22:48

Tgt Ion: 56 Resp: 166
 Ion Ratio Lower Upper
 56 100
 55 0.0 58.0 87.0#





#14

Allvl chloride

Concen: 6.051 ug/l

RT: 2.85 min Scan# 279

Delta R.T. 0.13 min

Lab File: VX008790.D

Acq: 09 Apr 2019 22:48

Instrument :

MSVOA_X

ClientSampleId :

TP-3-SHALLOW

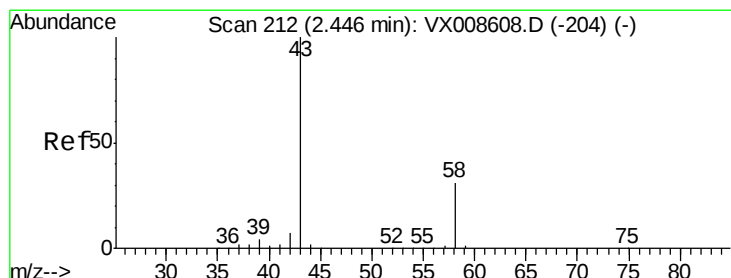
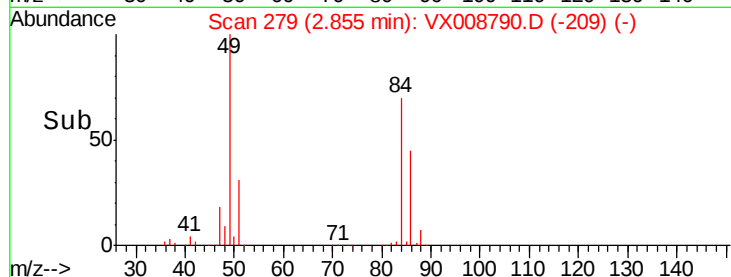
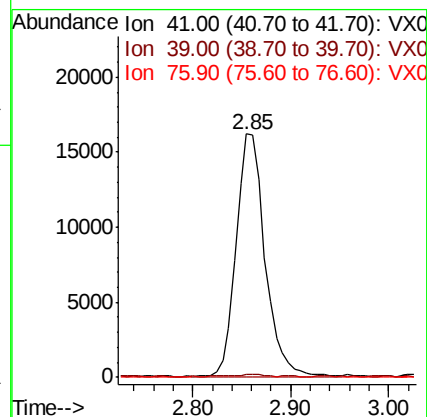
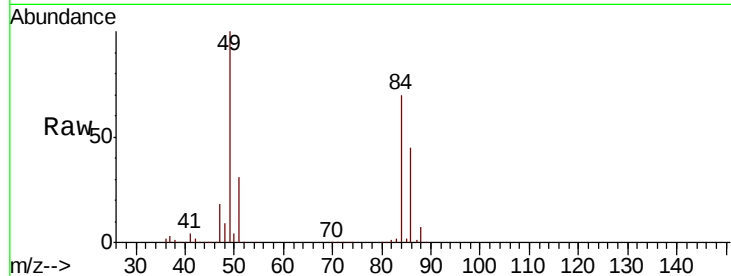
Tot Ion: 41 Resp: 32968

Ion Ratio Lower Upper

41 100

39 1.6 48.0 72.0#

76 0.0 22.0 33.0#



#16

Acetone

Concen: 8.908 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX008790.D

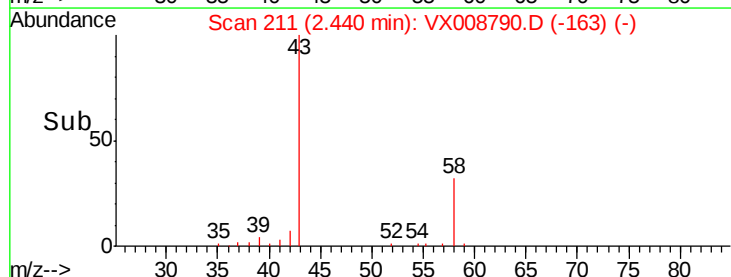
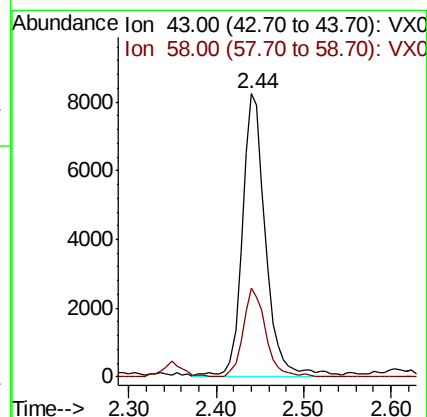
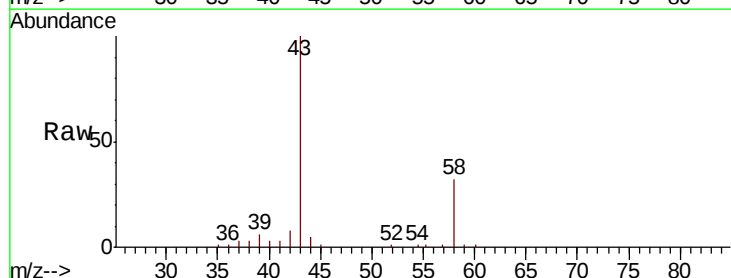
Acq: 09 Apr 2019 22:48

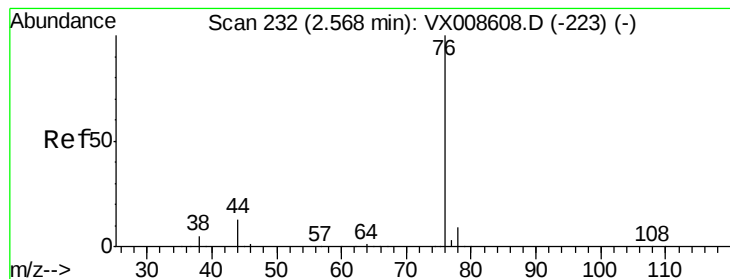
Tgt Ion: 43 Resp: 15407

Ion Ratio Lower Upper

43 100

58 31.6 24.8 37.2





#17

Carbon Disulfide

Concen: Below Cal

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX008790.D

Acq: 09 Apr 2019 22:48

Instrument :

MSVOA_X

ClientSampleId :

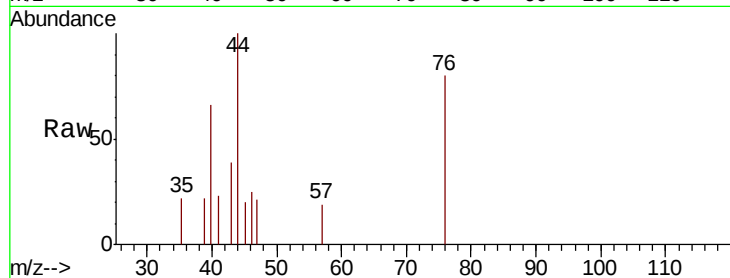
TP-3-SHALLOW

Tot Ion: 76 Resp: 266

Ion Ratio Lower Upper

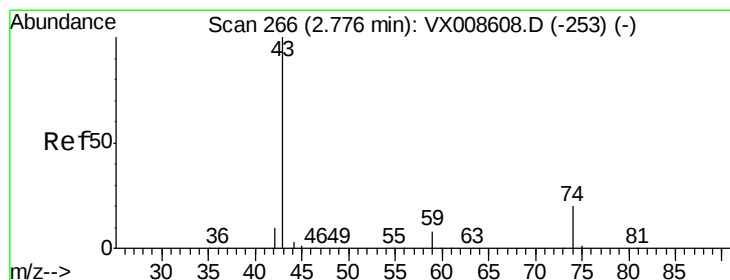
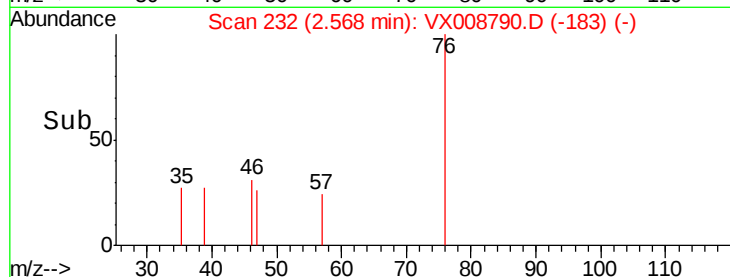
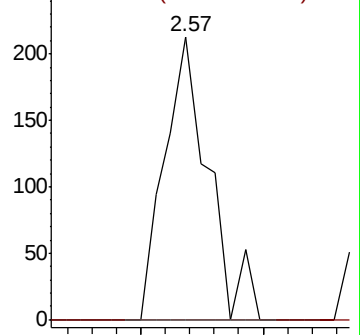
76 100

78 0.0 7.1 10.7#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 0.403 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX008790.D

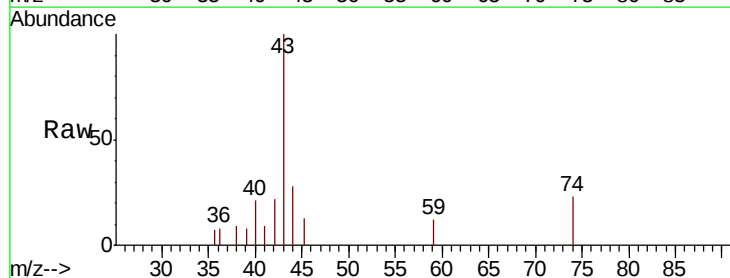
Acq: 09 Apr 2019 22:48

Tgt Ion: 43 Resp: 1692

Ion Ratio Lower Upper

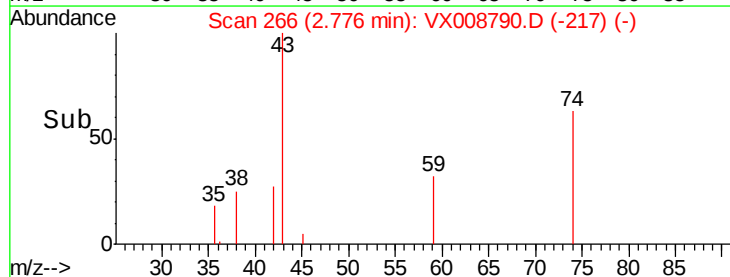
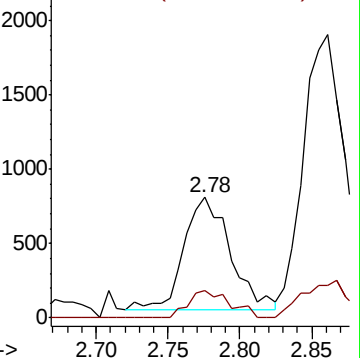
43 100

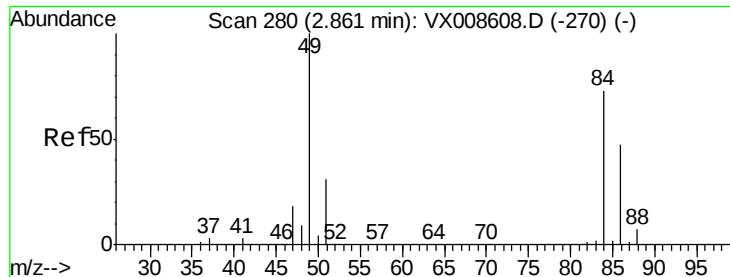
74 21.7 16.5 24.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#20

Methvlene Chloride

Concen: 223.580 ug/l

RT: 2.86 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX008790.D

Acq: 09 Apr 2019 22:48

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TP-3-SHALLOW

Tot Ion: 84 Resp: 647250

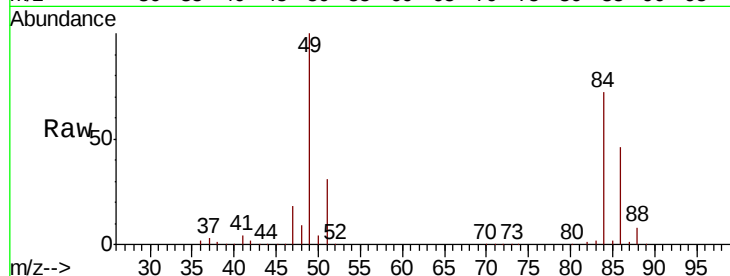
Ion Ratio Lower Upper

84 100

49 138.6 109.7 164.5

51 42.6 33.6 50.4

86 63.8 51.4 77.2

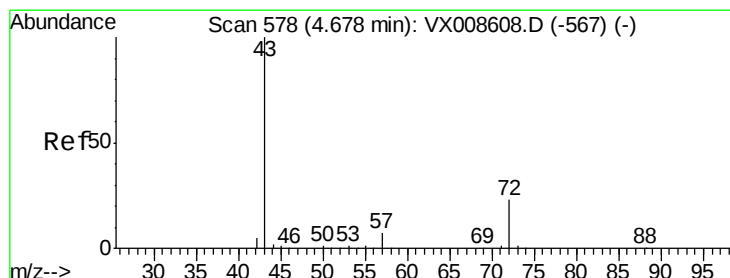
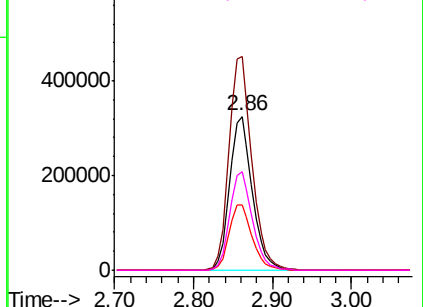
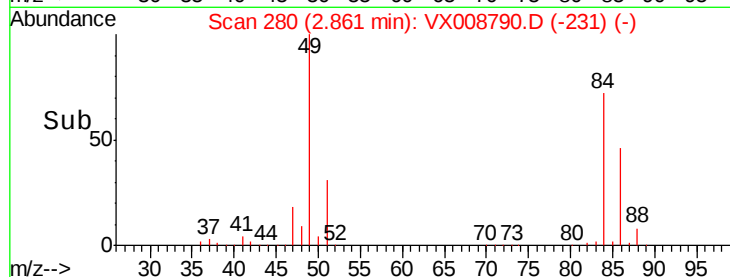


Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#25

2-Butanone

Concen: 0.970 ug/l

RT: 4.68 min Scan# 579

Delta R.T. 0.01 min

Lab File: VX008790.D

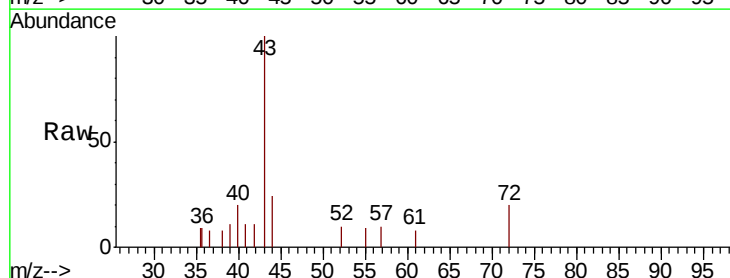
Acq: 09 Apr 2019 22:48

Tgt Ion: 43 Resp: 2652

Ion Ratio Lower Upper

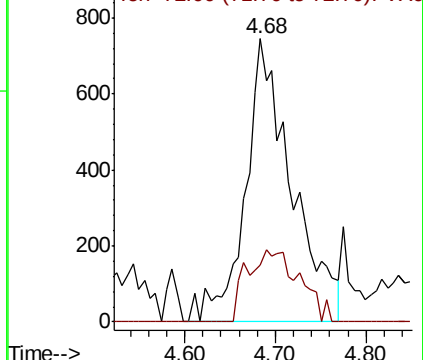
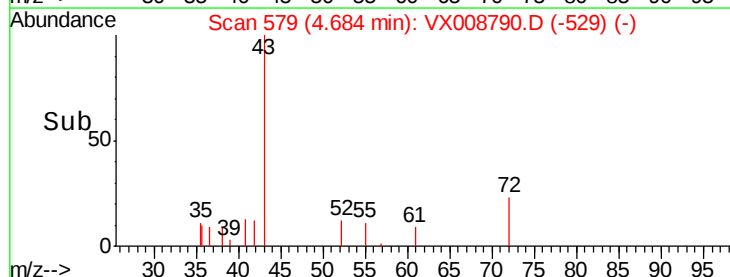
43 100

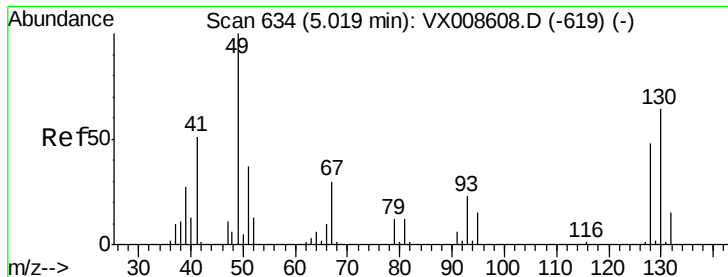
72 20.1 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





#28

Bromochloromethane

Concen: Below Cal

RT: 5.04 min Scan# 638

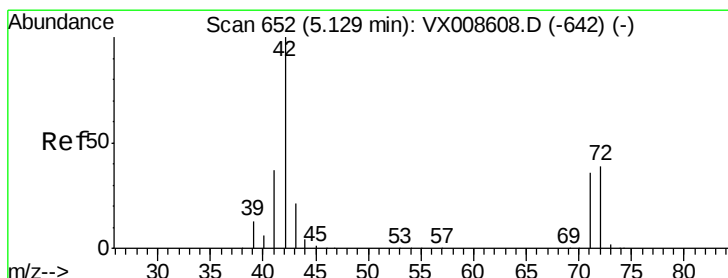
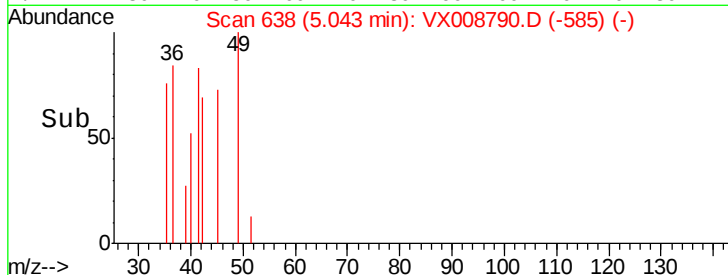
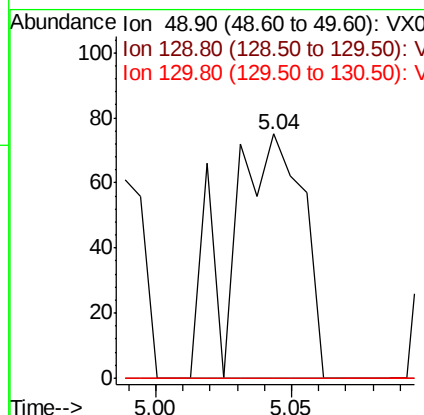
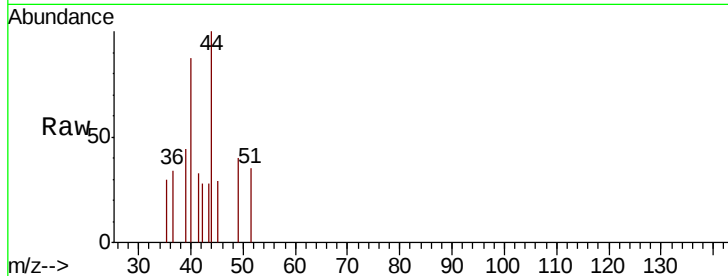
Delta R.T. 0.02 min

Lab File: VX008790.D

Acq: 09 Apr 2019 22:48

Instrument :
MSVOA_X
ClientSampleId :
TP-3-SHALLOW

Tot Ion: 49 Resp: 142
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.6
130 0.0 49.3 73.9#



#29

Tetrahydrofuran

Concen: 0.905 ug/l

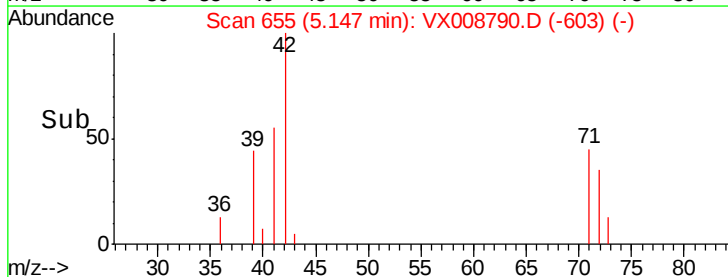
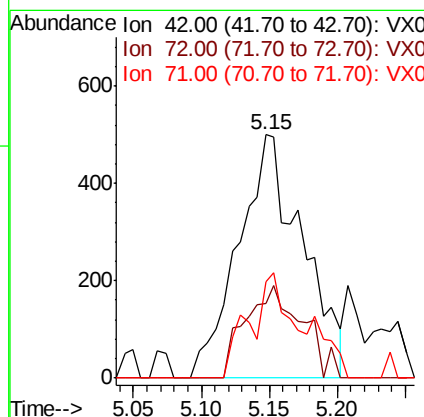
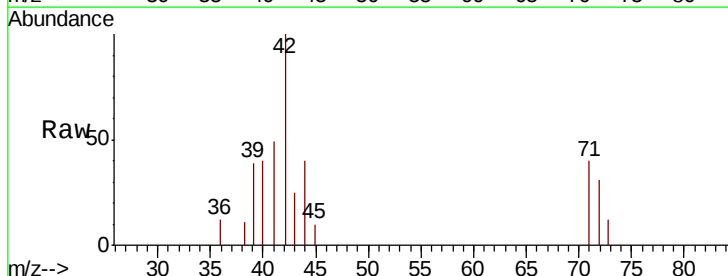
RT: 5.15 min Scan# 655

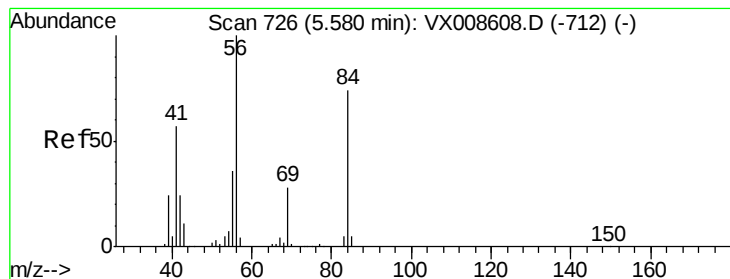
Delta R.T. 0.02 min

Lab File: VX008790.D

Acq: 09 Apr 2019 22:48

Tgt Ion: 42 Resp: 1642
Ion Ratio Lower Upper
42 100
72 33.9 30.5 45.7
71 28.3 28.6 43.0#





#31

Cyclohexane

Concen: 0.934 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.09 min

Lab File: VX008790.D

Acq: 09 Apr 2019 22:48

Instrument :

MSVOA_X

ClientSampleId :

TP-3-SHALLOW

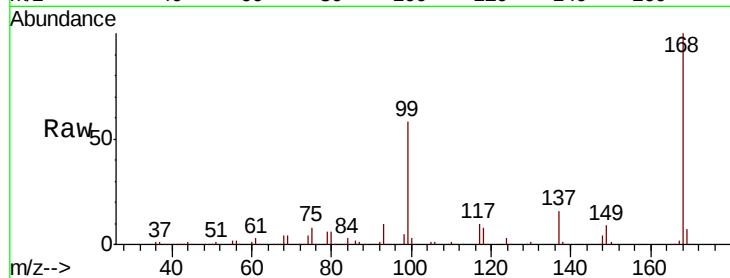
Tot Ion: 56 Resp: 4844

Ion Ratio Lower Upper

56 100

69 174.4 22.6 33.8#

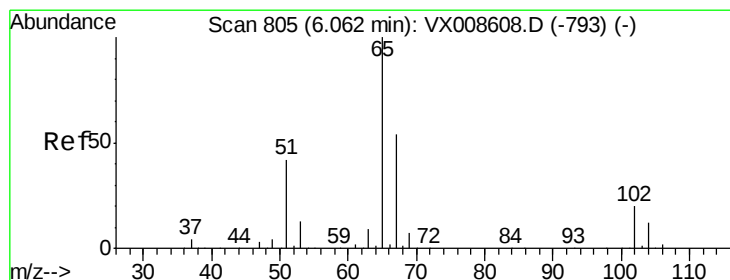
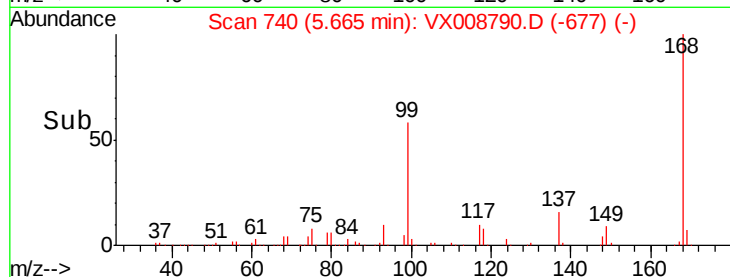
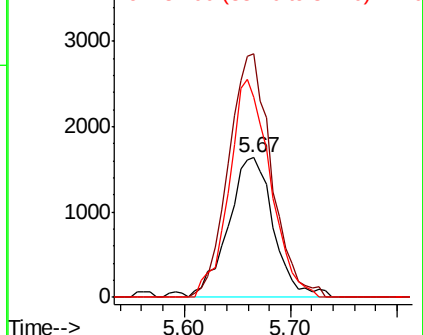
84 143.8 59.3 88.9#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 46.671 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008790.D

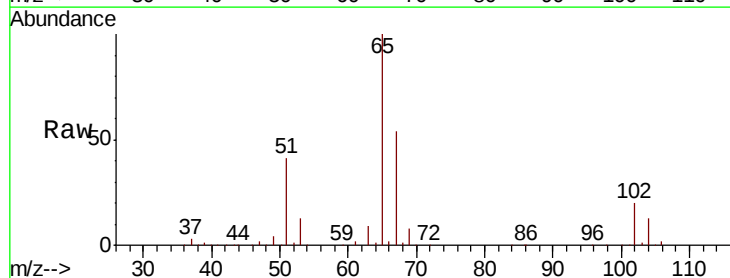
Acq: 09 Apr 2019 22:48

Tgt Ion: 65 Resp: 140140

Ion Ratio Lower Upper

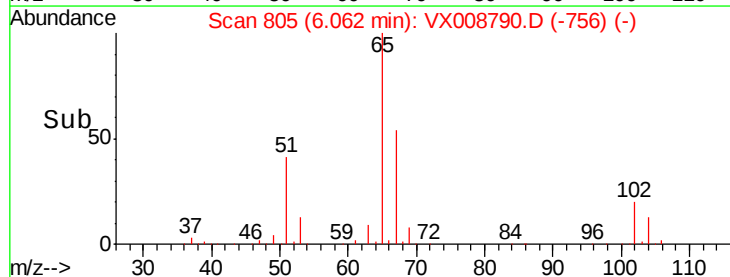
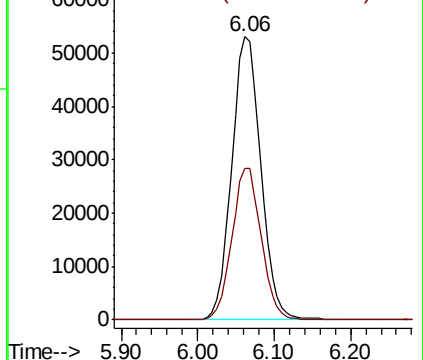
65 100

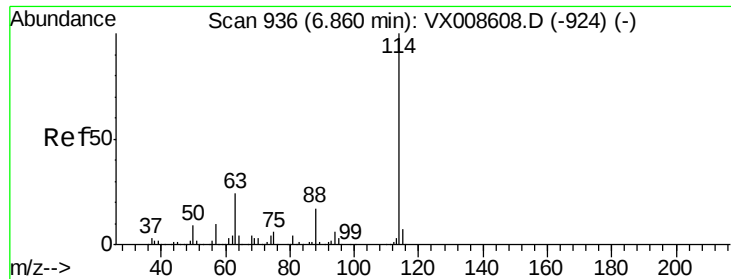
67 53.9 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX008790.D

Acq: 09 Apr 2019 22:48

Instrument :

MSVOA_X

ClientSampleId :

TP-3-SHALLOW

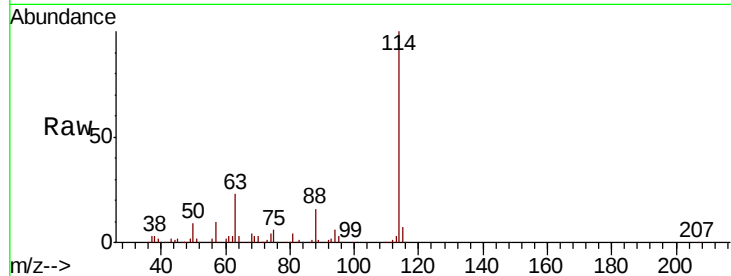
Tot Ion:114 Resp: 340085

Ion Ratio Lower Upper

114 100

63 23.3 0.0 47.2

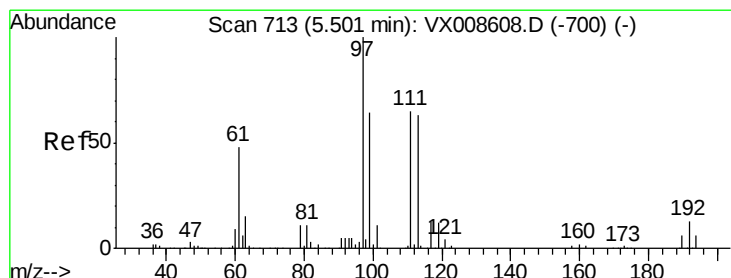
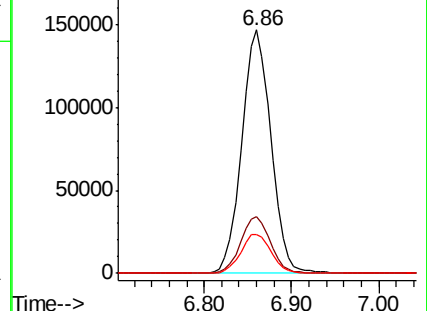
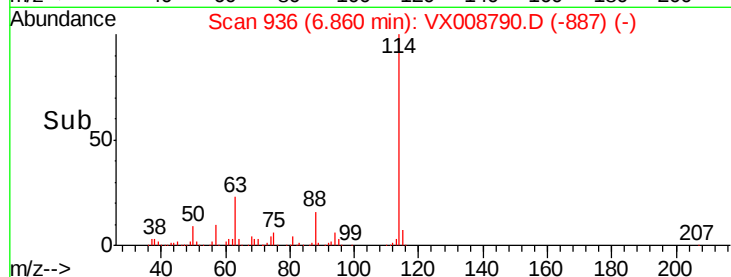
88 16.1 0.0 34.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 47.109 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008790.D

Acq: 09 Apr 2019 22:48

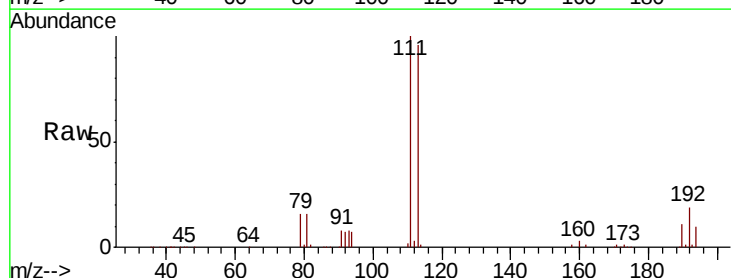
Tgt Ion:113 Resp: 102432

Ion Ratio Lower Upper

113 100

111 103.7 83.4 125.2

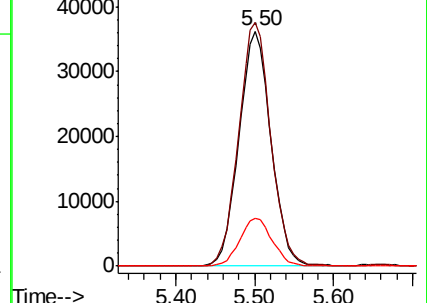
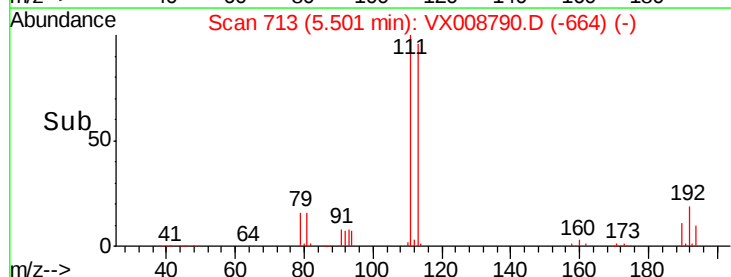
192 20.7 16.1 24.1

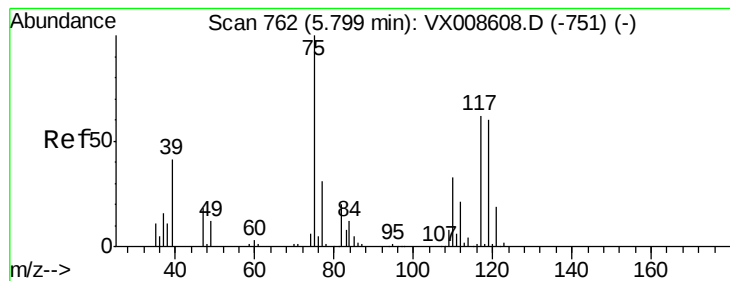


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.420 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX008790.D

Acq: 09 Apr 2019 22:48

Instrument :

MSVOA_X

ClientSampleId :

TP-3-SHALLOW

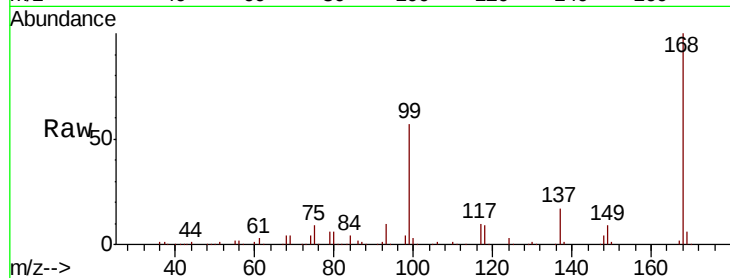
Tot Ion: 75 Resp: 16430

Ion Ratio Lower Upper

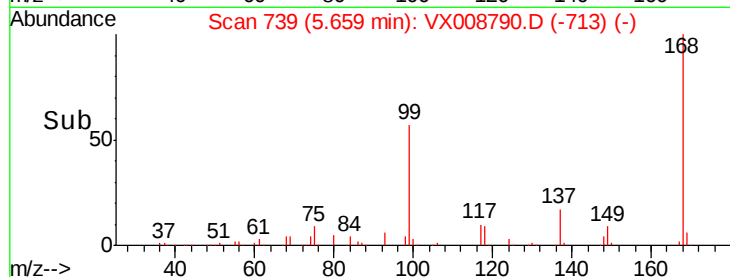
75 100

110 8.5 16.4 49.2#

77 0.0 24.7 37.1#



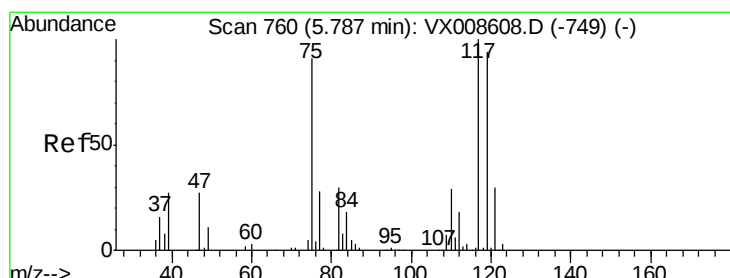
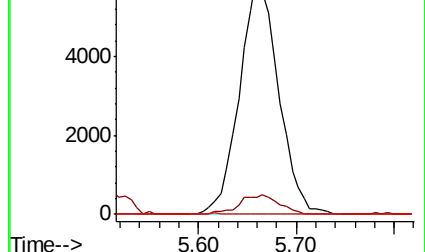
Abundance Ion 74.90 (74.60 to 75.60): VX008790.D (-713) (-)



Ion 109.90 (109.60 to 110.60): VX008790.D (-713) (-)

Ion 76.90 (76.60 to 77.60): VX008790.D (-713) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 6.422 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX008790.D

Acq: 09 Apr 2019 22:48

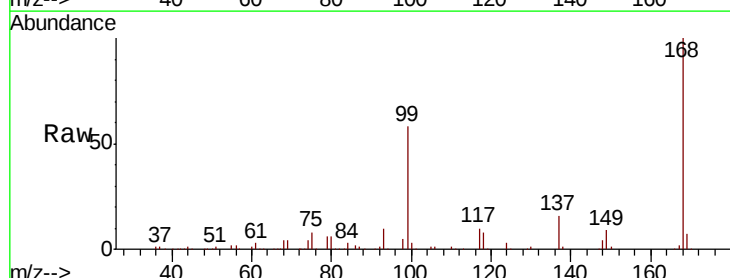
Tgt Ion: 117 Resp: 19759

Ion Ratio Lower Upper

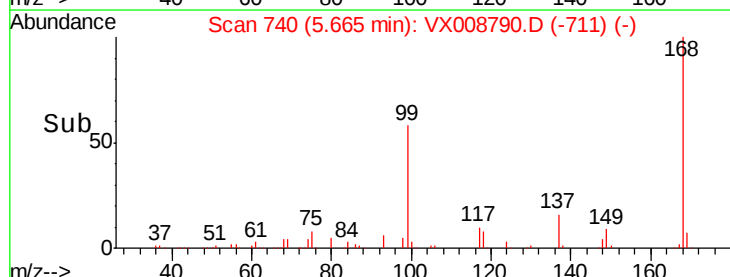
117 100

119 3.6 75.0 112.6#

121 0.0 24.3 36.5#



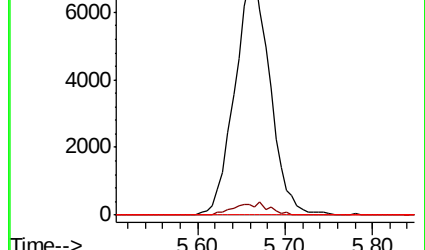
Abundance Ion 116.80 (116.50 to 117.50): VX008790.D (-711) (-)

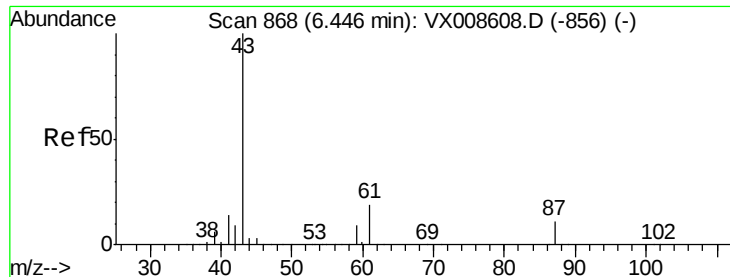


Ion 118.80 (118.50 to 119.50): VX008790.D (-711) (-)

Ion 120.80 (120.50 to 121.50): VX008790.D (-711) (-)

Time-->





#43

Isopropyl Acetate

Concen: 1.506 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX008790.D

Acq: 09 Apr 2019 22:48

Instrument :

MSVOA_X

ClientSampleId :

TP-3-SHALLOW

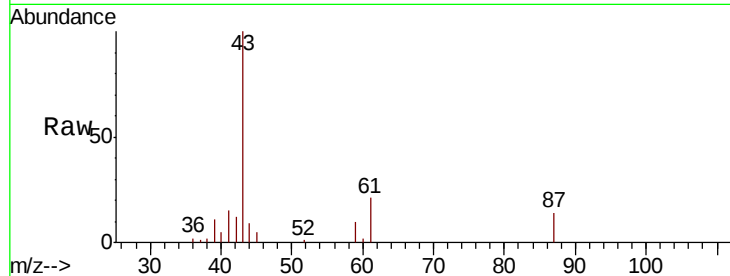
Tot Ion: 43 Resp: 11707

Ion Ratio Lower Upper

43 100

61 20.4 15.3 22.9

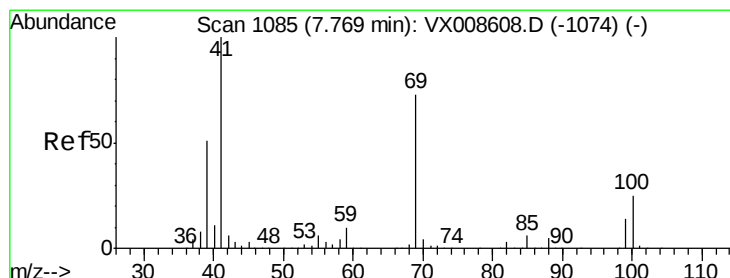
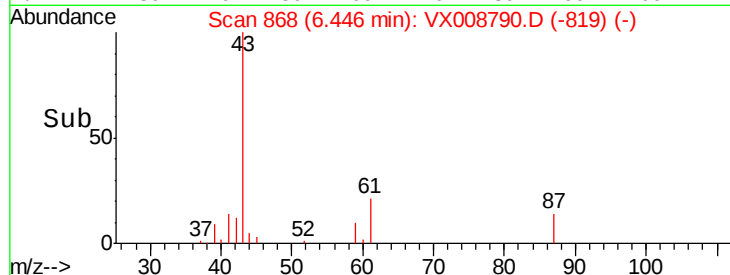
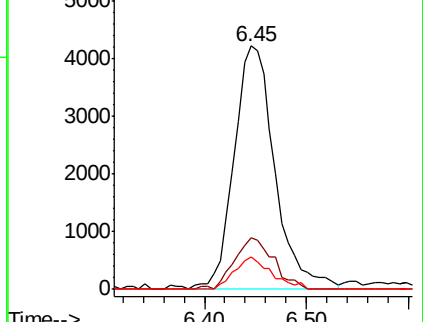
87 12.1 9.0 13.6



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



#48

Methyl methacrylate

Concen: 1.924 ug/l

RT: 7.68 min Scan# 1070

Delta R.T. -0.09 min

Lab File: VX008790.D

Acq: 09 Apr 2019 22:48

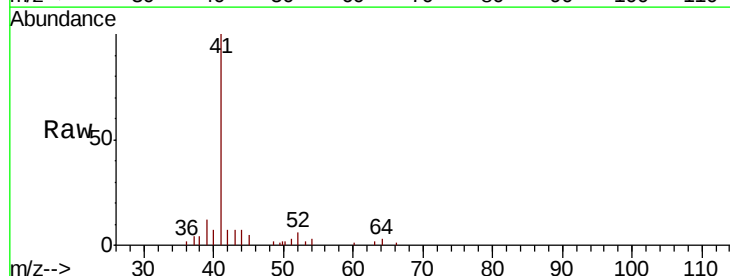
Tgt Ion: 41 Resp: 7564

Ion Ratio Lower Upper

41 100

69 0.0 59.0 88.4#

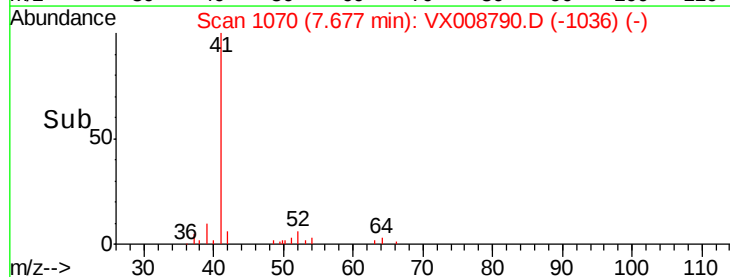
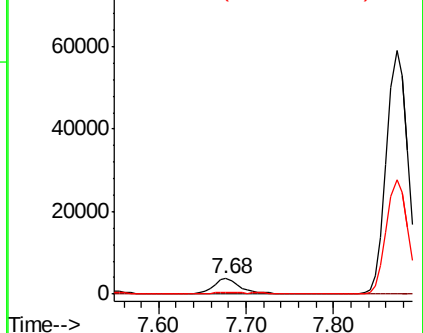
39 0.0 41.0 61.4#

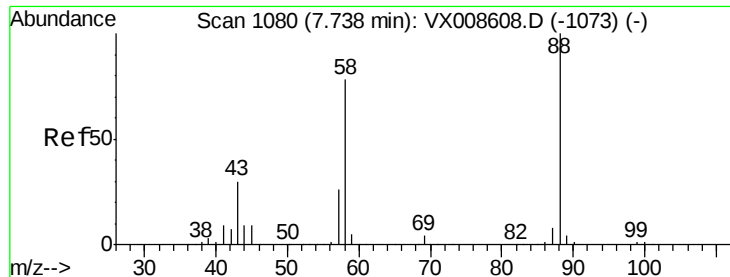


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1.792 ug/l

RT: 7.87 min Scan# 1102

Delta R.T. 0.13 min

Lab File: VX008790.D

Acq: 09 Apr 2019 22:48

Instrument :

MSVOA_X

ClientSampleId :

TP-3-SHALLOW

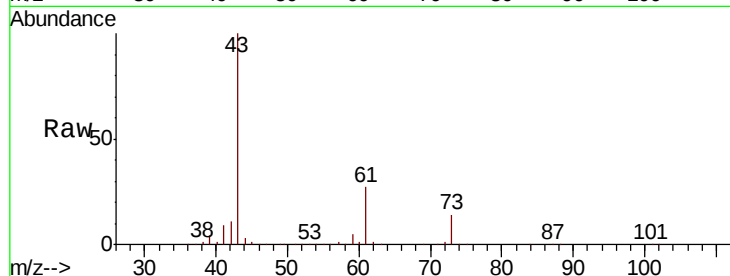
Tot Ion: 88 Resp: 132

Ion Ratio Lower Upper

88 100

43 884138.6 28.6 43.0#

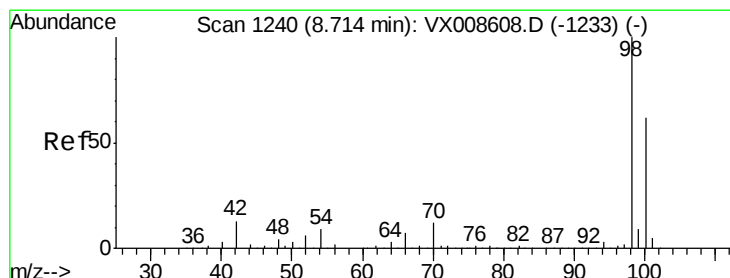
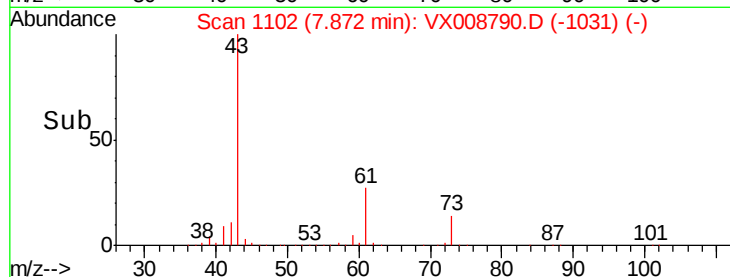
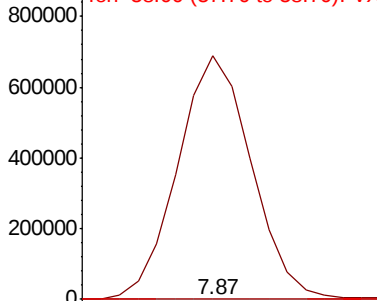
58 3418.2 62.2 93.2#



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 50.282 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008790.D

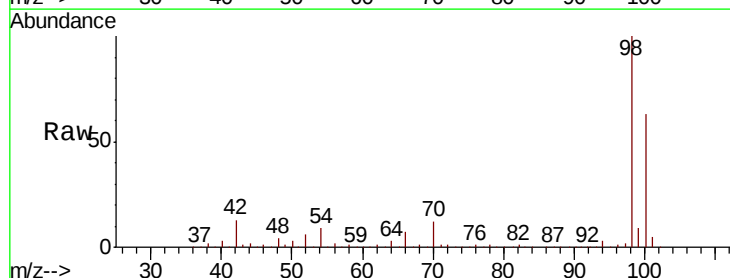
Acq: 09 Apr 2019 22:48

Tgt Ion: 98 Resp: 435328

Ion Ratio Lower Upper

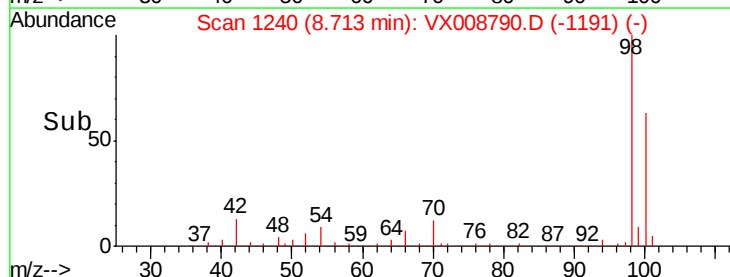
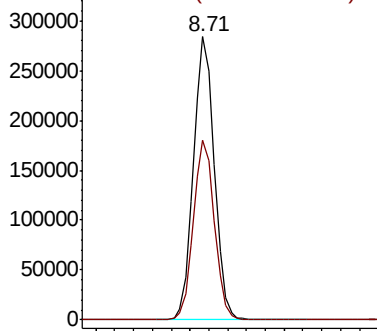
98 100

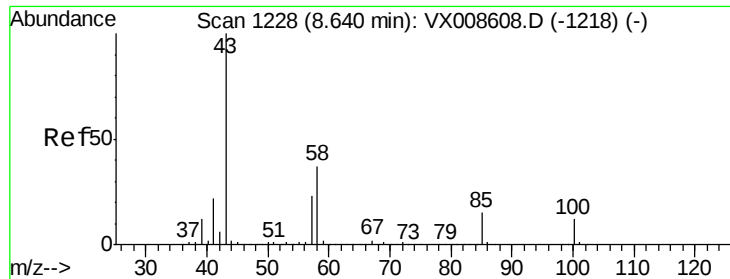
100 64.0 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 17.118 ug/l

RT: 8.61 min Scan# 1223

Delta R.T. -0.03 min

Lab File: VX008790.D

Acq: 09 Apr 2019 22:48

Instrument :

MSVOA_X

ClientSampleId :

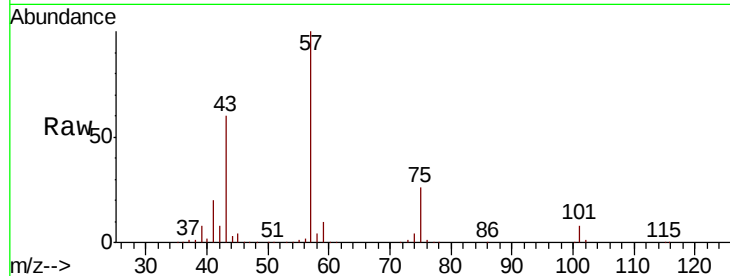
TP-3-SHALLOW

Tot Ion: 43 Resp: 85657

Ion Ratio Lower Upper

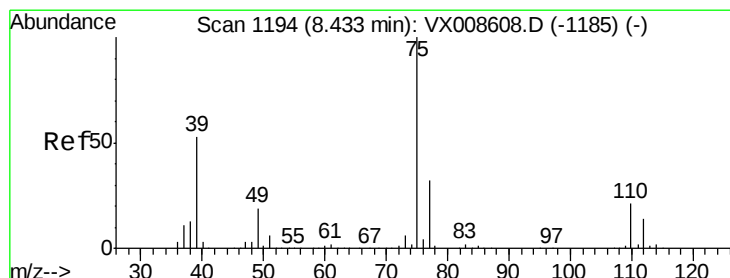
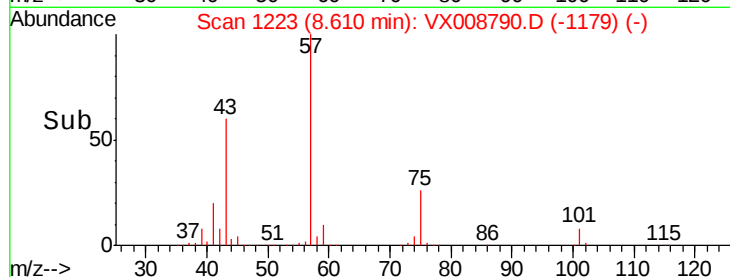
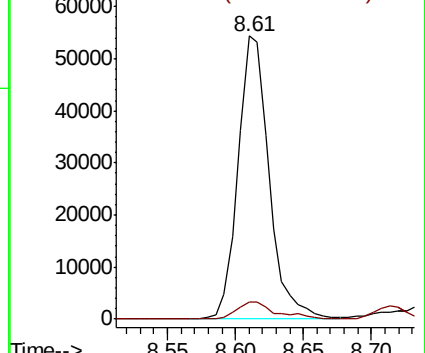
43 100

58 8.0 29.5 44.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#54

cis-1,3-Dichloropropene

Concen: 8.411 ug/l

RT: 8.62 min Scan# 1224

Delta R.T. 0.18 min

Lab File: VX008790.D

Acq: 09 Apr 2019 22:48

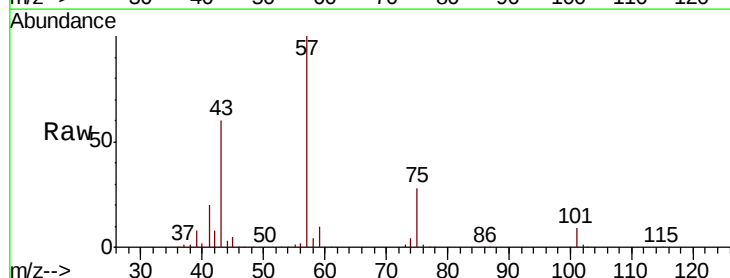
Tgt Ion: 75 Resp: 37212

Ion Ratio Lower Upper

75 100

77 0.6 25.3 37.9#

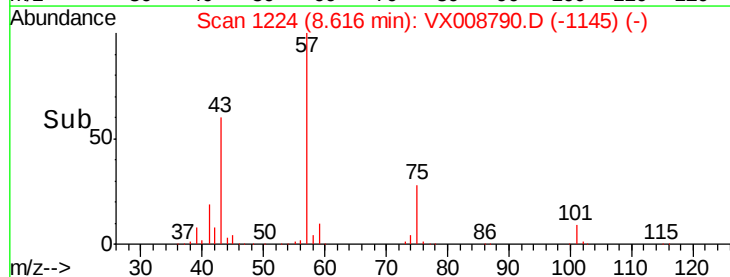
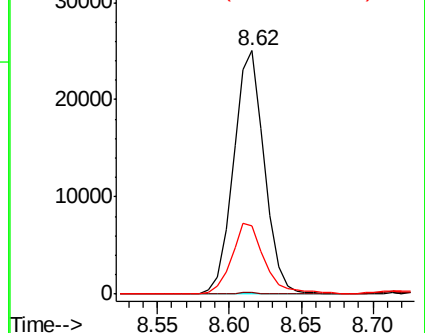
39 27.7 42.6 63.8#

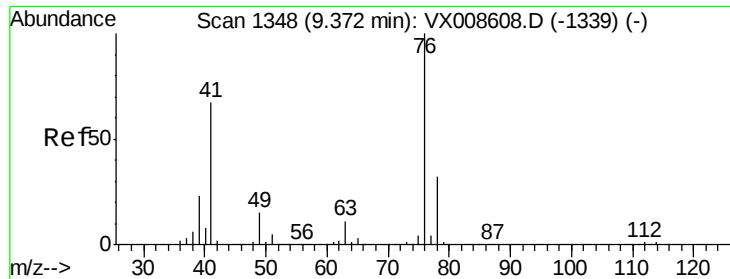


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 1.767 ug/l

RT: 9.54 min Scan# 1376

Delta R.T. 0.17 min

Lab File: VX008790.D

Acq: 09 Apr 2019 22:48

Instrument :

MSVOA_X

ClientSampleId :

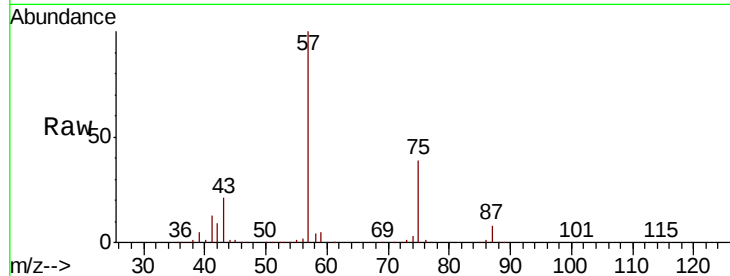
TP-3-SHALLOW

Tot Ion: 76 Resp: 8316

Ion Ratio Lower Upper

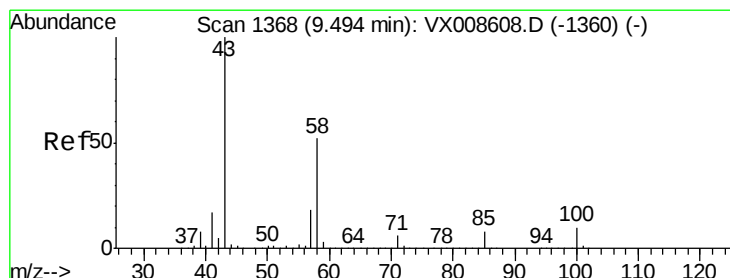
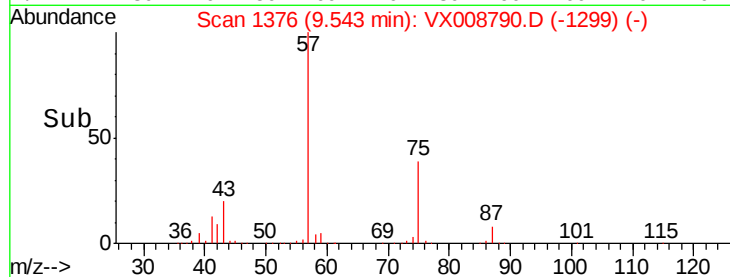
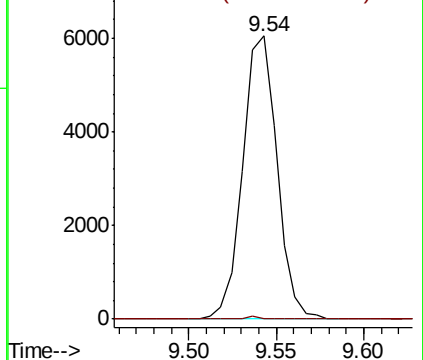
76 100

78 0.3 25.6 38.4#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#59

2-Hexanone

Concen: 33.826 ug/l

RT: 9.54 min Scan# 1376

Delta R.T. 0.05 min

Lab File: VX008790.D

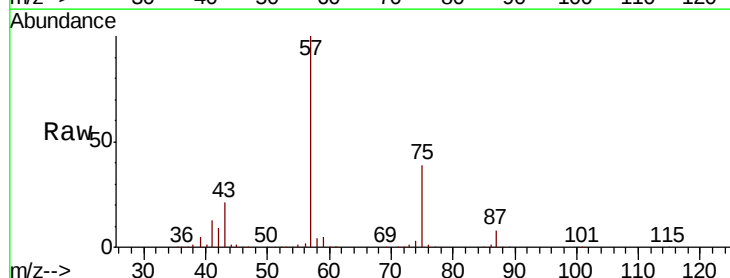
Acq: 09 Apr 2019 22:48

Tgt Ion: 43 Resp: 131538

Ion Ratio Lower Upper

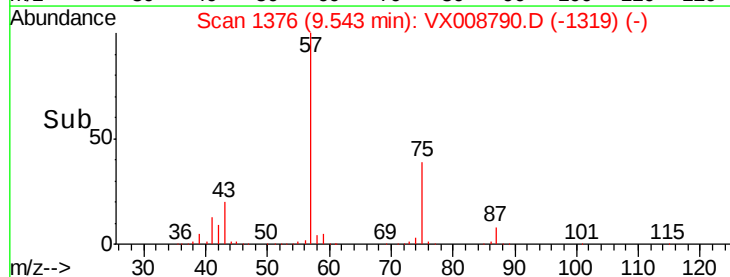
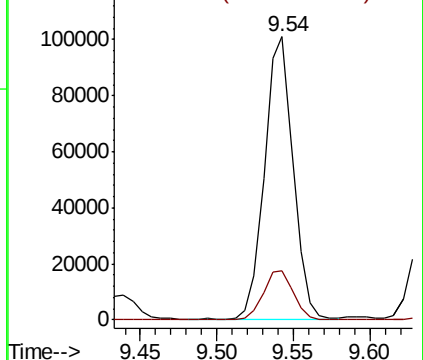
43 100

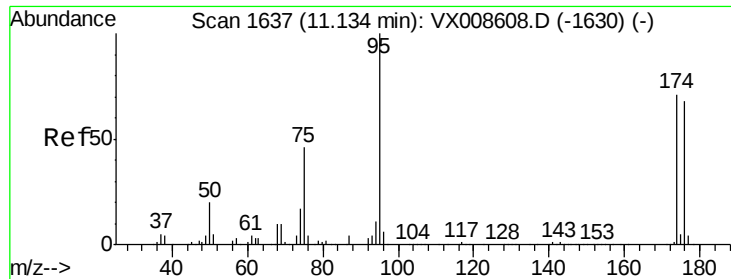
58 18.4 25.9 77.7#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#62

4-Bromofluorobenzene

Concen: 49.829 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008790.D

Acq: 09 Apr 2019 22:48

Instrument :

MSVOA_X

ClientSampleId :

TP-3-SHALLOW

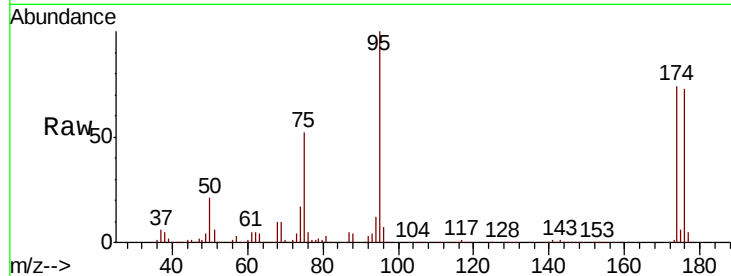
Tot Ion: 95 Resp: 152985

Ion Ratio Lower Upper

95 100

174 76.8 0.0 151.8

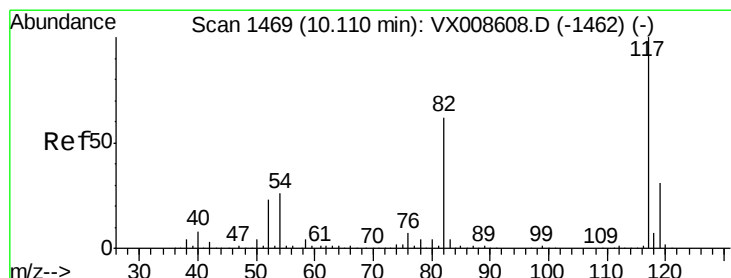
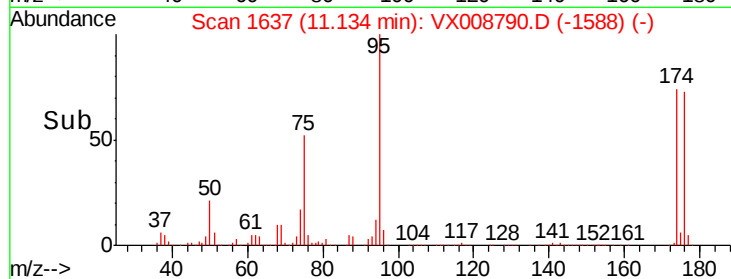
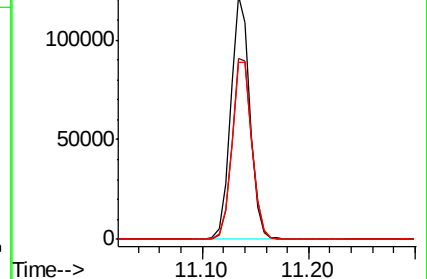
176 76.3 0.0 145.8



Abundance Ion 94.90 (94.60 to 95.60): VX008608.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX008608.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX008608.D (-1630) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX008790.D

Acq: 09 Apr 2019 22:48

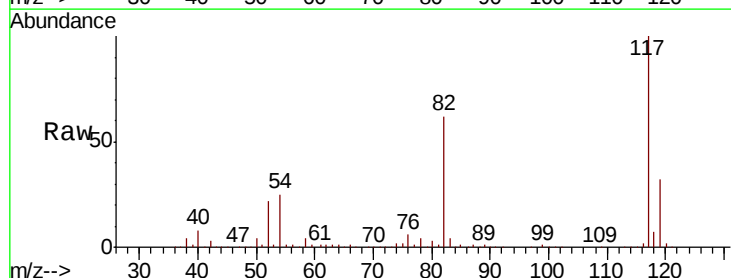
Tgt Ion: 117 Resp: 306421

Ion Ratio Lower Upper

117 100

82 62.2 49.6 74.4

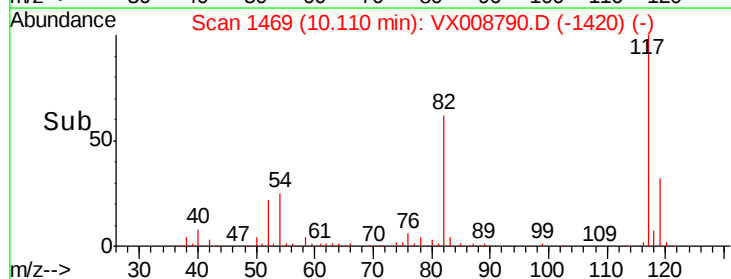
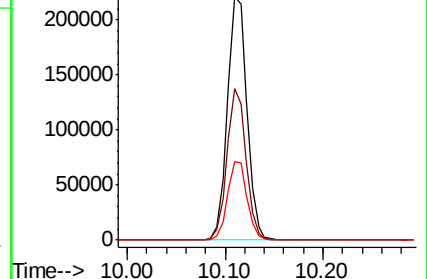
119 32.2 25.0 37.4

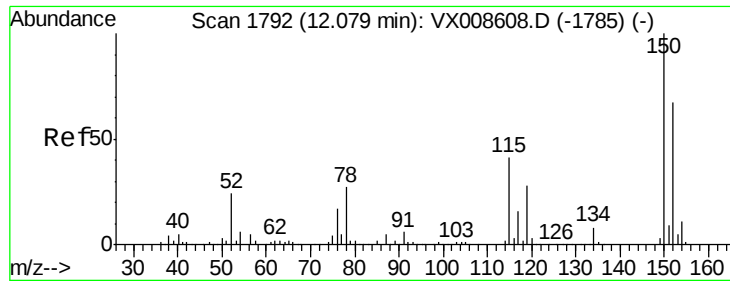


Abundance Ion 116.90 (116.60 to 117.60): VX008608.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX008608.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX008608.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: VX008790.D

Acq: 09 Apr 2019 22:48

Instrument :

MSVOA_X

ClientSampleId :

TP-3-SHALLOW

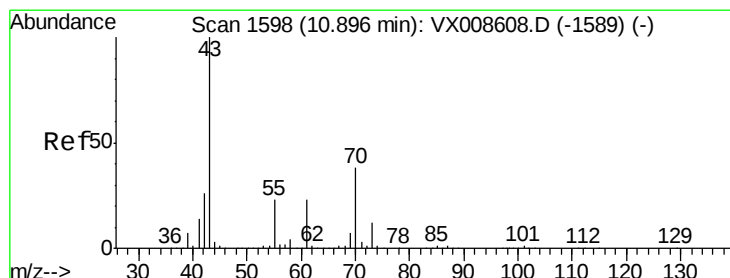
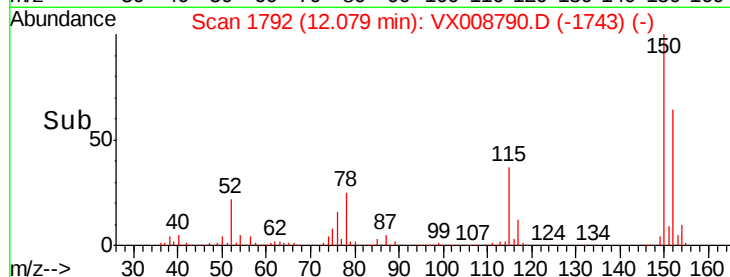
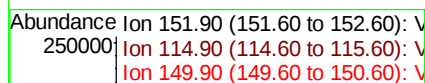
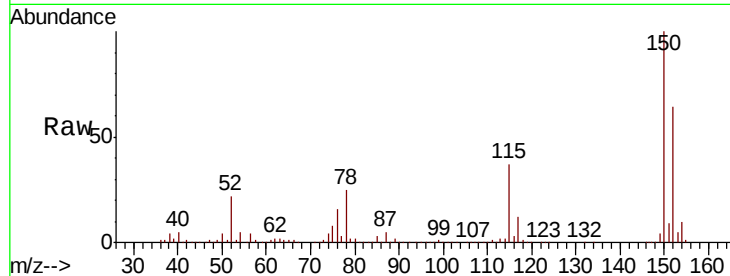
Tot Ion:152 Resp: 141895

Ion Ratio Lower Upper

152 100

115 59.4 43.5 130.5

150 156.4 0.0 348.8



#74

N-ethyl acetate

Concen: 1.997 ug/l

RT: 10.69 min Scan# 1565

Delta R.T. -0.20 min

Lab File: VX008790.D

Acq: 09 Apr 2019 22:48

Tgt Ion: 43 Resp: 13814

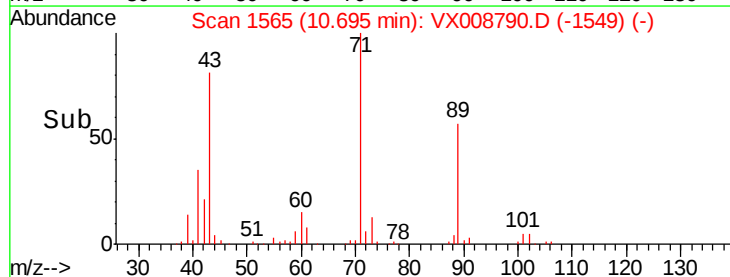
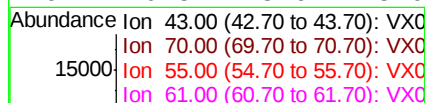
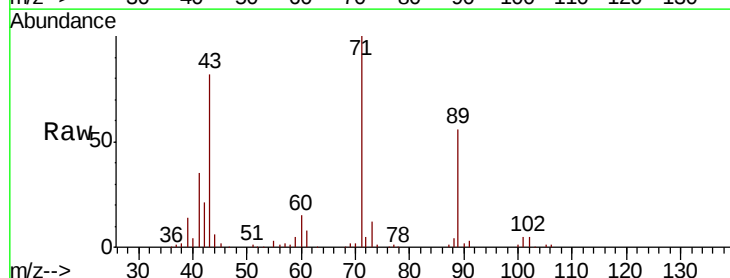
Ion Ratio Lower Upper

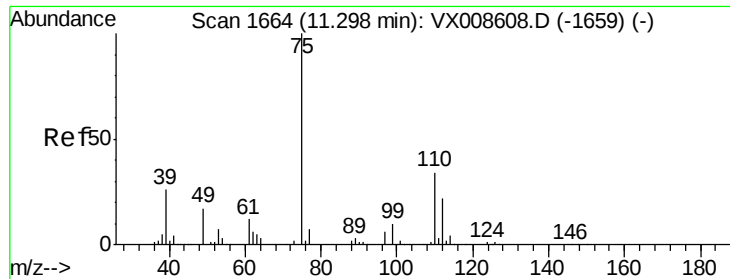
43 100

70 2.1 30.2 45.4#

55 4.2 18.2 27.4#

61 10.5 18.6 28.0#





#76

1,2,3-Trichloropropane

Concen: 19.956 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX008790.D

Acq: 09 Apr 2019 22:48

Instrument :

MSVOA_X

ClientSampleId :

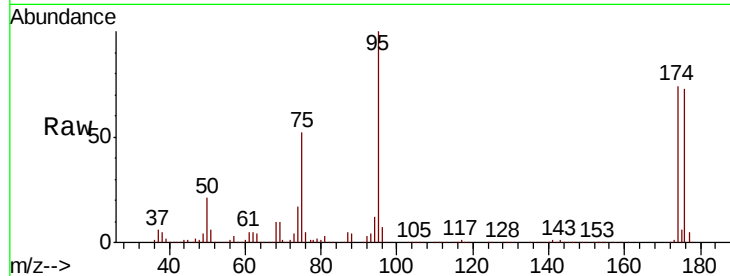
TP-3-SHALLOW

Tot Ion: 75 Resp: 77788

Ion Ratio Lower Upper

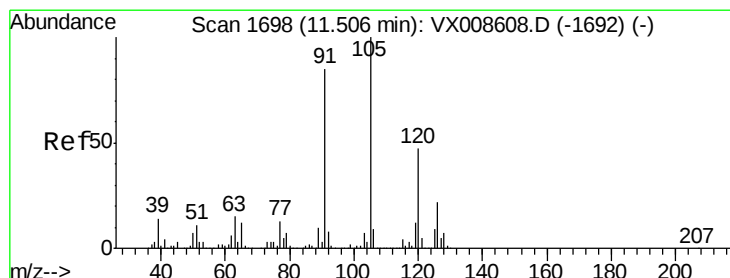
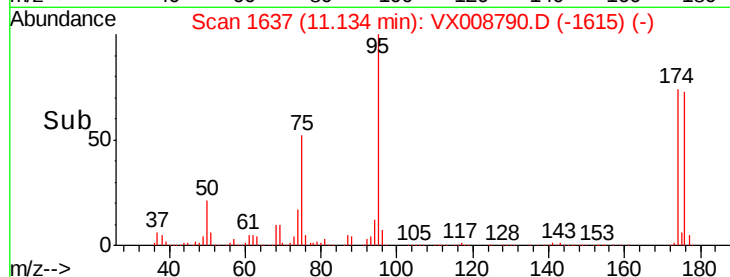
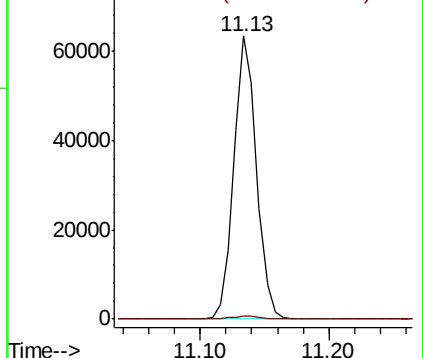
75 100

77 1.2 22.3 66.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#80

1,3,5-Trimethylbenzene

Concen: 0.291 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008790.D

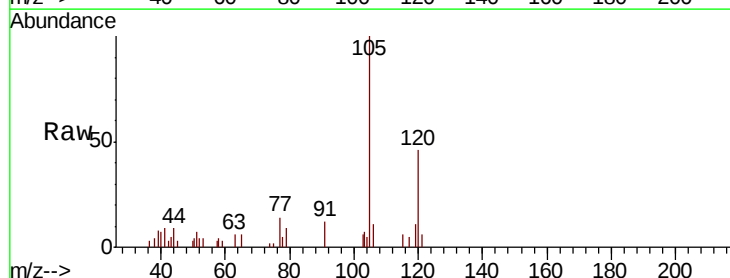
Acq: 09 Apr 2019 22:48

Tgt Ion:105 Resp: 2869

Ion Ratio Lower Upper

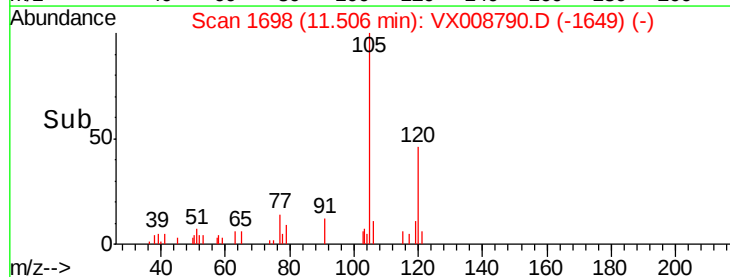
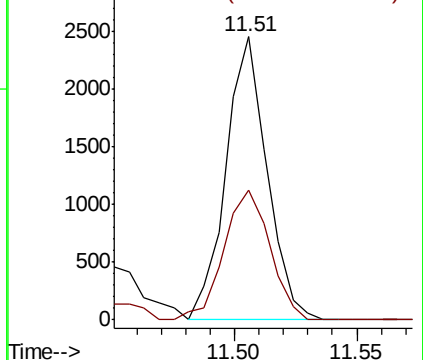
105 100

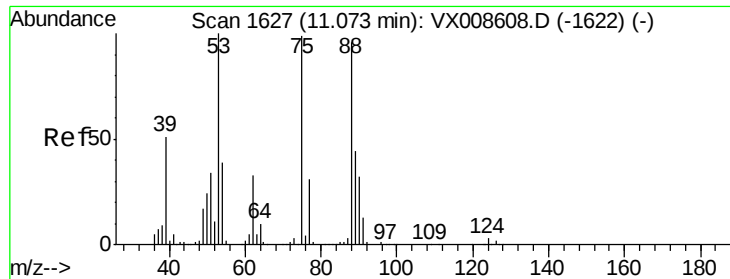
120 51.2 23.5 70.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 55.009 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX008790.D

Acq: 09 Apr 2019 22:48

Instrument :

MSVOA_X

ClientSampleId :

TP-3-SHALLOW

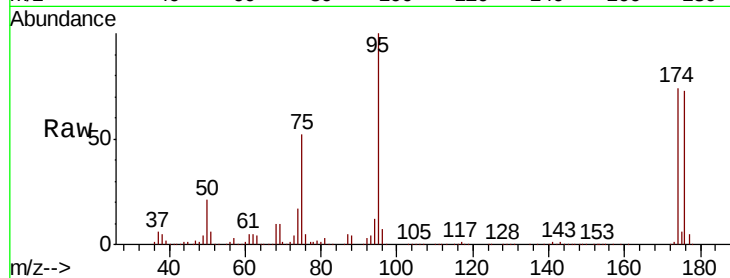
Tot Ion: 75 Resp: 77788

Ion Ratio Lower Upper

75 100

53 0.0 81.3 121.9#

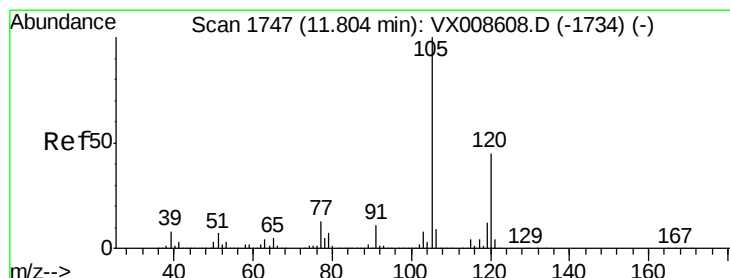
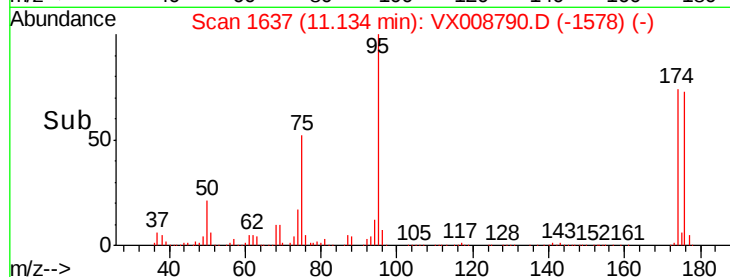
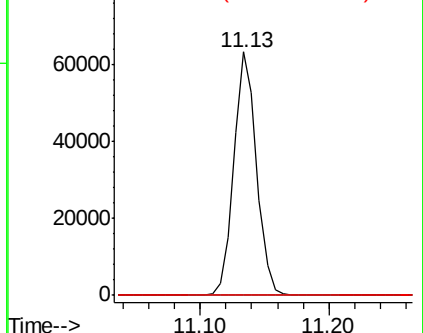
89 0.0 35.6 53.4#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#84

1,2,4-Trimethylbenzene

Concen: 0.283 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX008790.D

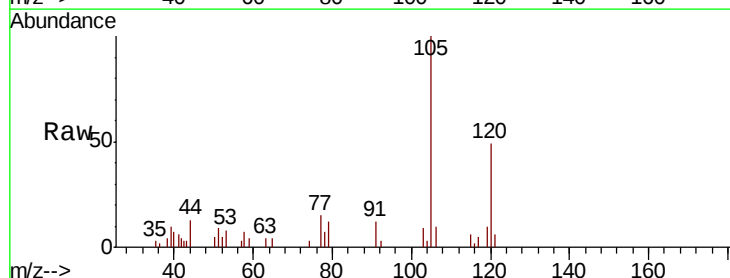
Acq: 09 Apr 2019 22:48

Tgt Ion:105 Resp: 2828

Ion Ratio Lower Upper

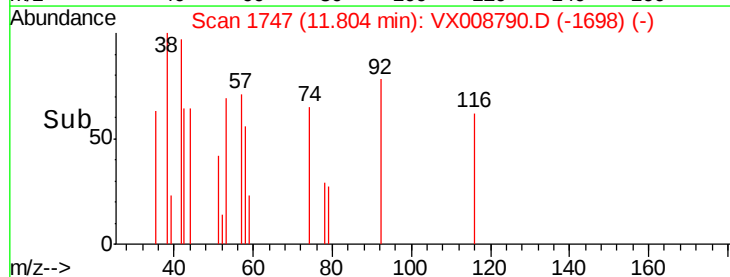
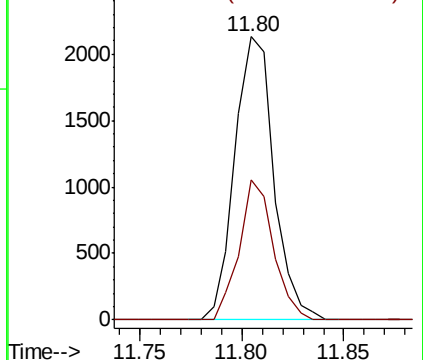
105 100

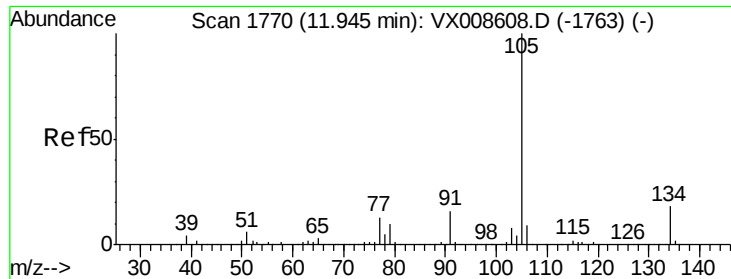
120 43.3 21.8 65.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 0.251 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.14 min

Lab File: VX008790.D

Acq: 09 Apr 2019 22:48

Instrument :

MSVOA_X

ClientSampleId :

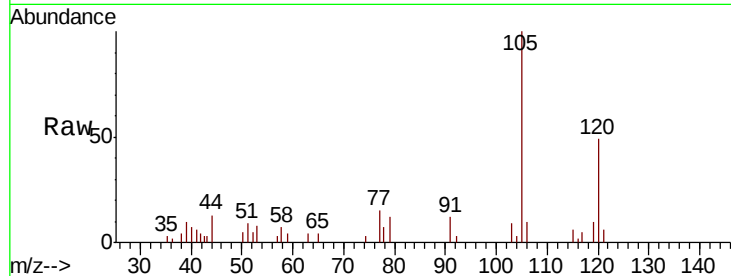
TP-3-SHALLOW

Tot Ion:105 Resp: 2828

Ion Ratio Lower Upper

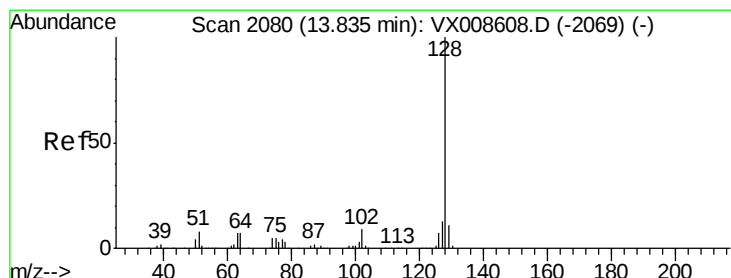
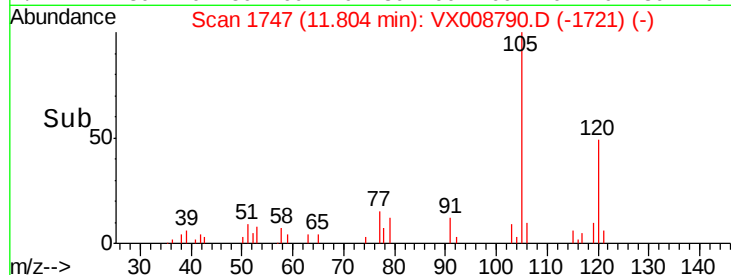
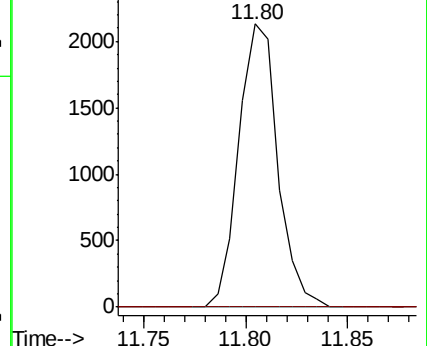
105 100

134 0.0 9.4 28.2#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#95

Naphthalene

Concen: 0.462 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX008790.D

Acq: 09 Apr 2019 22:48

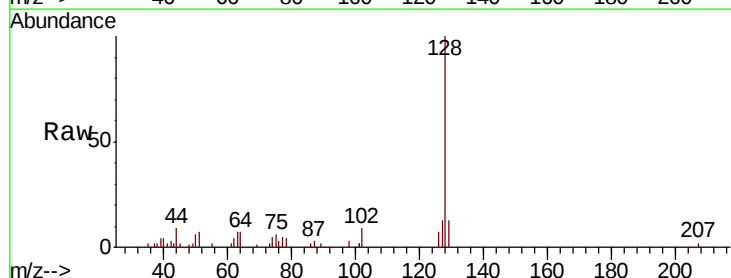
Tgt Ion:128 Resp: 5397

Ion Ratio Lower Upper

128 100

127 14.2 10.4 15.6

129 12.1 8.6 13.0



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

