

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040919\
 Data File : VX008786.D
 Acq On : 09 Apr 2019 21:15
 Operator : JC/SP
 Sample : K2338-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-1-SHALLOW

Quant Time: Apr 10 06:41:31 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	5.66	168	209705	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	346559	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	305140	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	133509	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	142729	46.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.32%	
35) Dibromofluoromethane	5.50	113	103883	46.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.76%	
50) Toluene-d8	8.71	98	435715	49.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.78%	
62) 4-Bromofluorobenzene	11.13	95	147970	47.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.60%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	246	Below Cal	#	69
5) Bromomethane	1.65	94	131	1.964	ug/l #	67
6) Chloroethane	1.71	64	242	Below Cal	#	45
8) Diethyl Ether	2.19	74	370	0.216	ug/l	96
10) Methyl Iodide	2.52	142	41	4.021	ug/l #	42
11) Tert butyl alcohol	3.05	59	632	0.883	ug/l	96
13) Acrolein	2.28	56	219	0.617	ug/l #	71
16) Acetone	2.44	43	15261	8.663	ug/l	100
17) Carbon Disulfide	2.57	76	463	Below Cal	#	75
18) Methyl Acetate	2.78	43	2874	0.673	ug/l	95
20) Methylene Chloride	2.86	84	119030	40.364	ug/l	98
25) 2-Butanone	4.70	43	2261	0.812	ug/l	98
28) Bromochloromethane	5.01	49	22	Below Cal	#	22
29) Tetrahydrofuran	5.15	42	1723	0.932	ug/l #	76
30) Chloroform	5.21	83	1261	0.267	ug/l	85
31) Cyclohexane	5.66	56	4984	0.943	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	16777	4.429	ug/l #	51
38) Carbon Tetrachloride	5.66	117	19810	6.318	ug/l #	17
43) Isopropyl Acetate	6.45	43	12171	1.537	ug/l	97
48) Methyl methacrylate	7.68	41	7584	1.893	ug/l #	18
49) 1,4-Dioxane	7.88	88	171	2.278	ug/l #	1
51) 4-Methyl-2-Pentanone	8.62	43	90515	17.751	ug/l #	51
54) cis-1,3-Dichloropropene	8.62	75	38765	8.598	ug/l #	57
57) 1,3-Dichloropropane	9.54	76	8943	1.865	ug/l #	44
59) 2-Hexanone	9.54	43	139433	35.186	ug/l #	52
68) m/p-Xylenes	10.36	106	1803	0.398	ug/l	100
69) o-Xylene	10.70	106	915	0.208	ug/l	98
74) N-amyl acetate	10.69	43	14747	2.265	ug/l #	55
76) 1,2,3-Trichloropropane	11.13	75	76621	20.891	ug/l #	34
80) 1,3,5-Trimethylbenzene	11.51	105	4891	0.527	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.13	75	76621	57.588	ug/l #	9
84) 1,2,4-Trimethylbenzene	11.80	105	9165	0.975	ug/l	99
85) sec-Butylbenzene	11.80	105	9165	0.864	ug/l #	58
95) Naphthalene	13.83	128	2680	0.244	ug/l	96

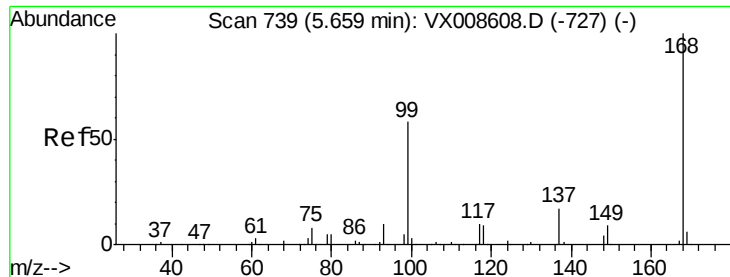
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040919\
Data File : VX008786.D
Acq On : 09 Apr 2019 21:15
Operator : JC/SP
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Quant Time: Apr 10 06:41:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX008786.D

Acq: 09 Apr 2019 21:15

Instrument :

MSVOA_X

ClientSampleId :

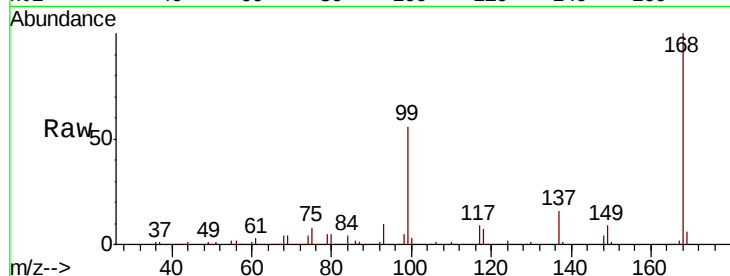
TP-1-SHALLOW

Tot Ion:168 Resp: 209705

Ion Ratio Lower Upper

168 100

99 56.3 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

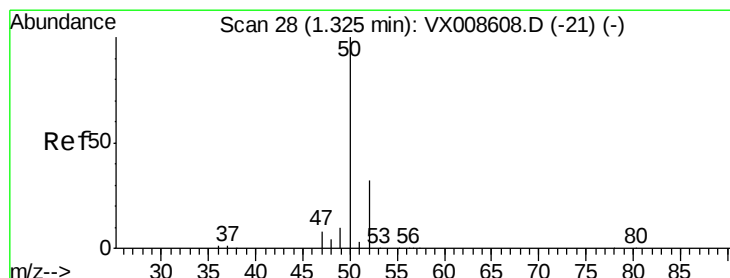
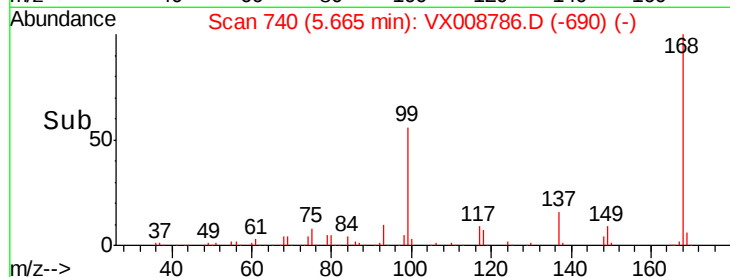
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: Below Cal

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX008786.D

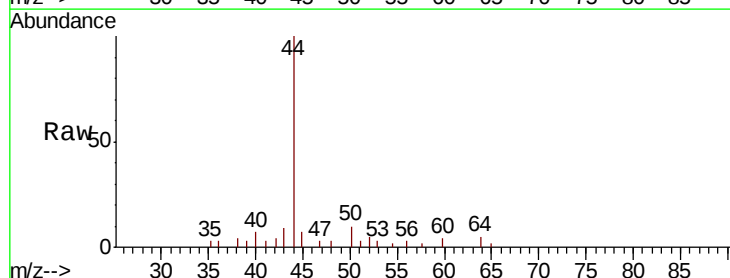
Acq: 09 Apr 2019 21:15

Tgt Ion: 50 Resp: 246

Ion Ratio Lower Upper

50 100

52 49.8 25.8 38.8#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

250

200

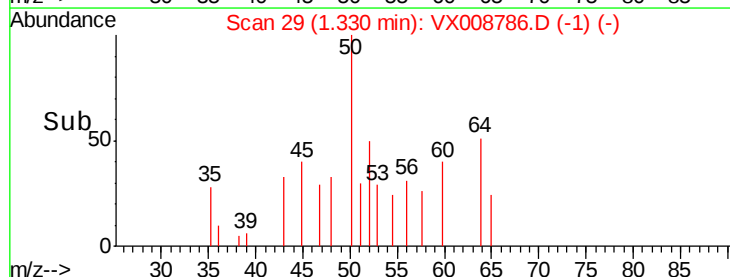
150

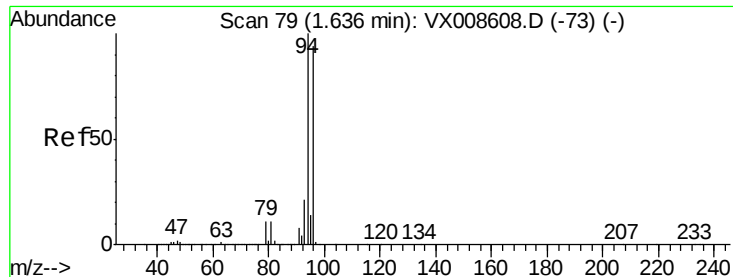
100

50

0

Time--> 1.28 1.30 1.32 1.34 1.36





#5

Bromomethane

Concen: 1.964 ug/l

RT: 1.65 min Scan# 82

Delta R.T. 0.02 min

Lab File: VX008786.D

Acq: 09 Apr 2019 21:15

Instrument :

MSVOA_X

ClientSampled :

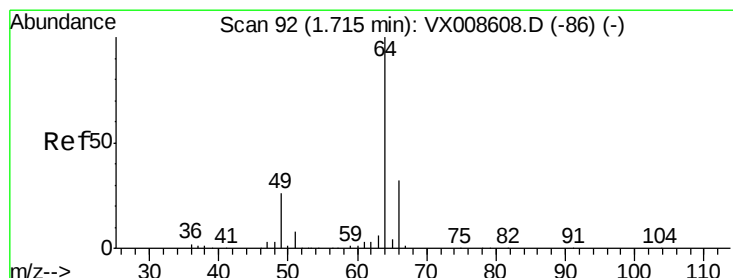
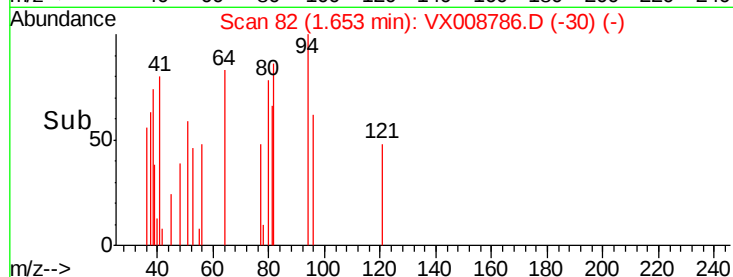
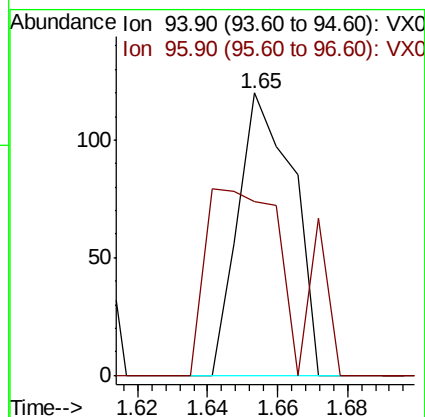
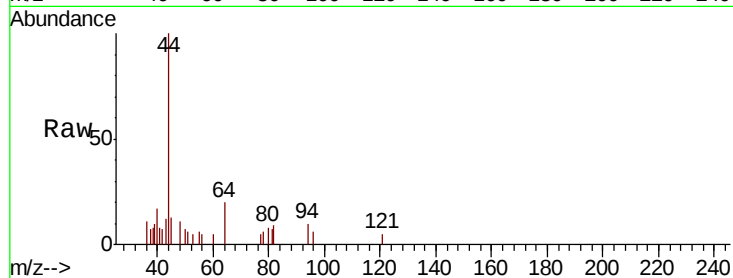
TP-1-SHALLOW

Tot Ion: 94 Resp: 131

Ion Ratio Lower Upper

94 100

96 61.7 75.2 112.8#



#6

Chloroethane

Concen: Below Cal

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX008786.D

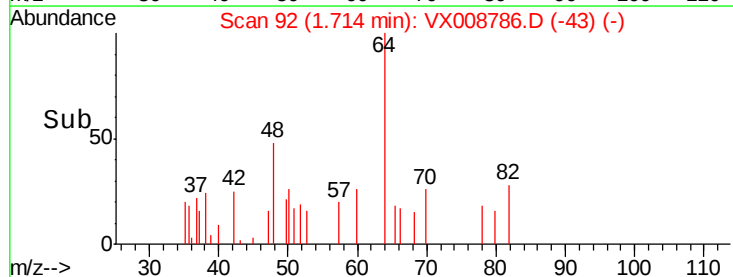
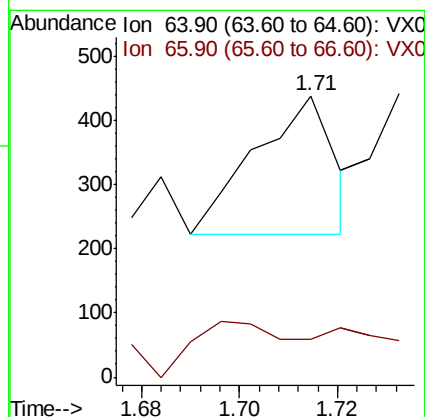
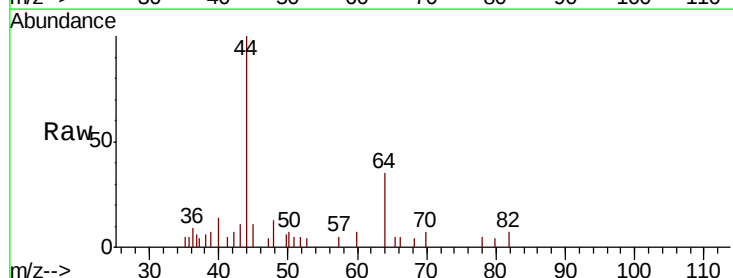
Acq: 09 Apr 2019 21:15

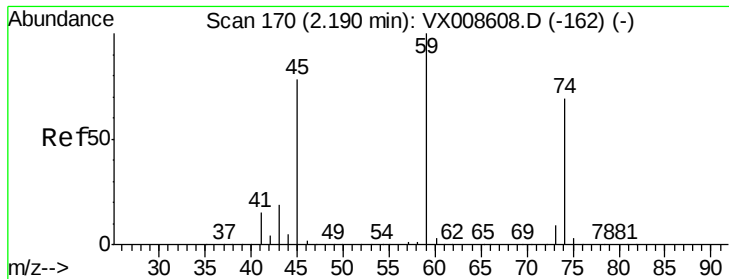
Tgt Ion: 64 Resp: 242

Ion Ratio Lower Upper

64 100

66 1.4 25.4 38.0#





#8

Diethyl Ether

Concen: 0.216 ug/l

RT: 2.19 min Scan# 170

Delta R.T. -0.00 min

Lab File: VX008786.D

Acq: 09 Apr 2019 21:15

Instrument :

MSVOA_X

ClientSampleId :

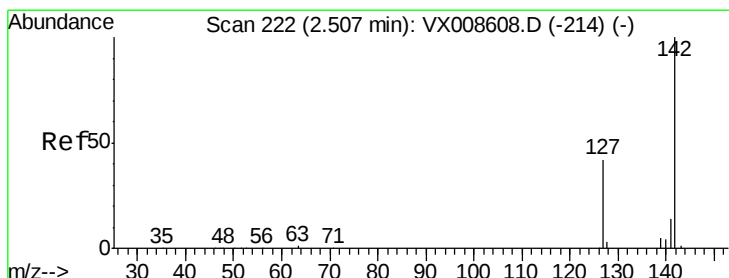
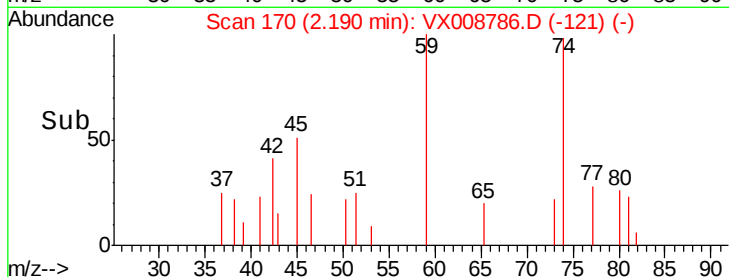
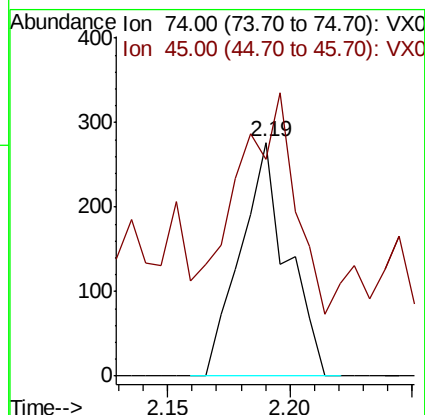
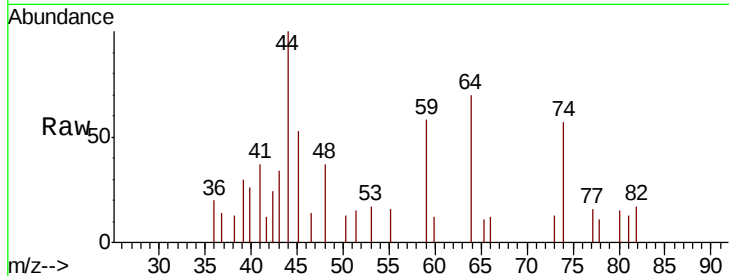
TP-1-SHALLOW

Tot Ion: 74 Resp: 370

Ion Ratio Lower Upper

74 100

45 108.4 56.5 169.5



#10

Methyl Iodide

Concen: 4.021 ug/l

RT: 2.52 min Scan# 224

Delta R.T. 0.01 min

Lab File: VX008786.D

Acq: 09 Apr 2019 21:15

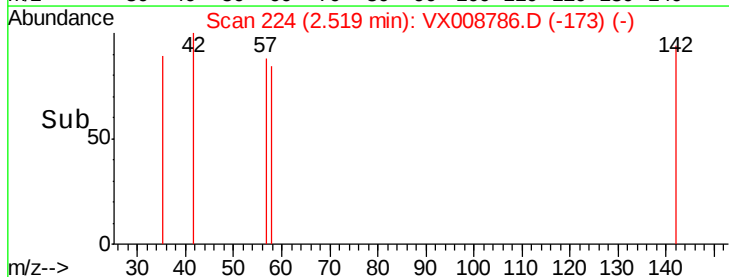
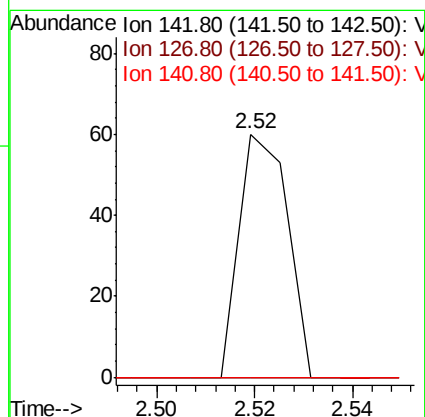
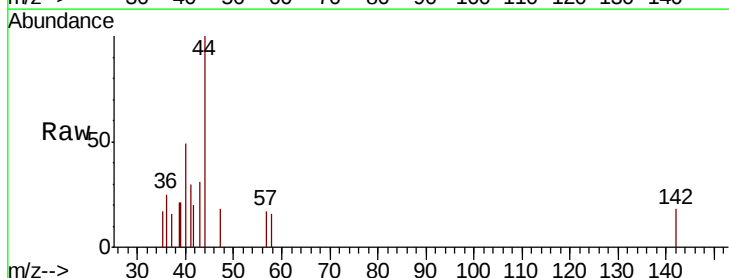
Tgt Ion: 142 Resp: 41

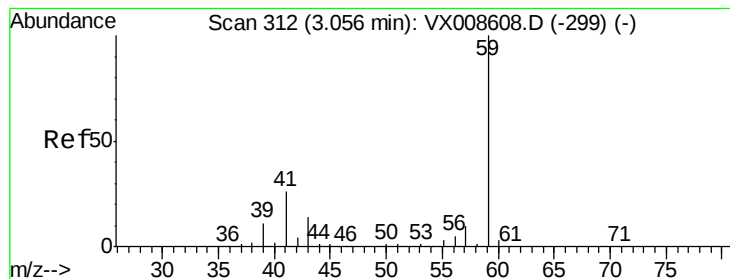
Ion Ratio Lower Upper

142 100

127 0.0 33.0 49.6#

141 0.0 11.4 17.2#



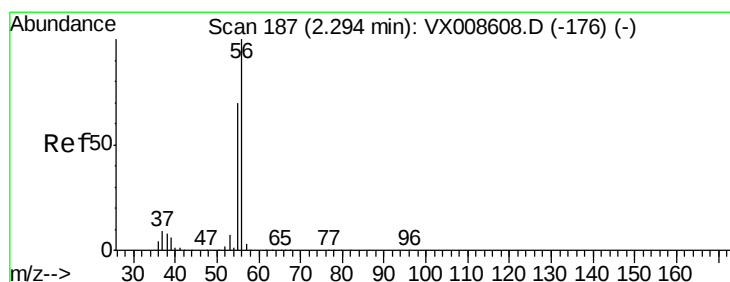
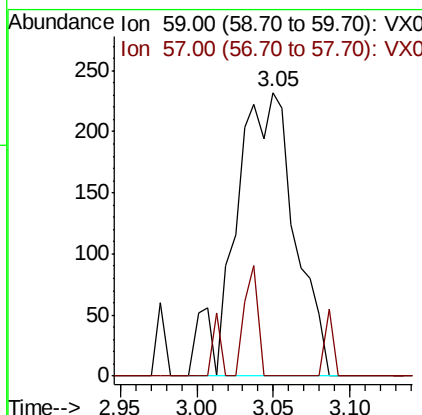
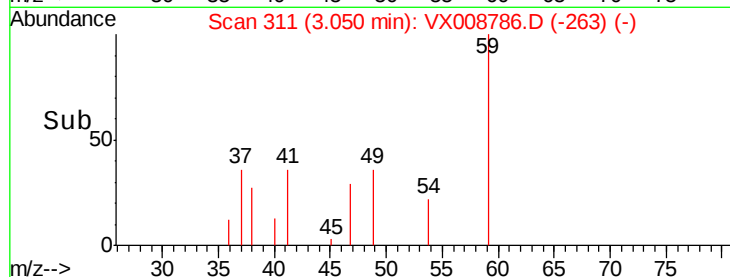
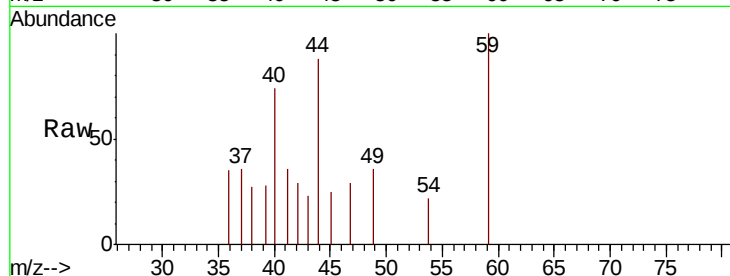


#11

Tert butyl alcohol
 Concen: 0.883 ug/l
 RT: 3.05 min Scan# 311
 Delta R.T. -0.01 min
 Lab File: VX008786.D
 Acq: 09 Apr 2019 21:15

Instrument :
 MSVOA_X
 ClientSampled :
 TP-1-SHALLOW

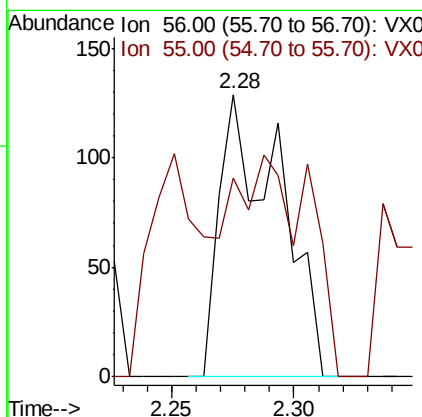
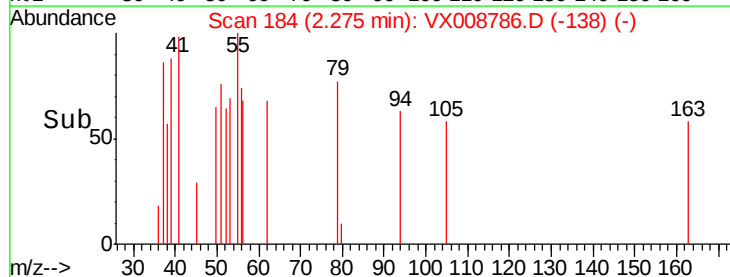
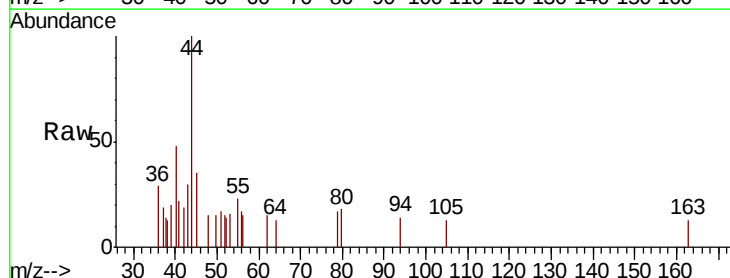
Tot Ion: 59 Resp: 632
 Ion Ratio Lower Upper
 59 100
 57 8.9 8.3 12.5

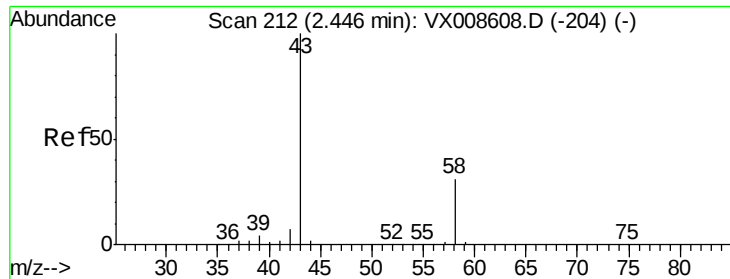


#13

Acrolein
 Concen: 0.617 ug/l
 RT: 2.28 min Scan# 184
 Delta R.T. -0.02 min
 Lab File: VX008786.D
 Acq: 09 Apr 2019 21:15

Tgt Ion: 56 Resp: 219
 Ion Ratio Lower Upper
 56 100
 55 96.3 58.0 87.0#





#16

Acetone

Concen: 8.663 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX008786.D

Acq: 09 Apr 2019 21:15

Instrument :

MSVOA_X

ClientSampleId :

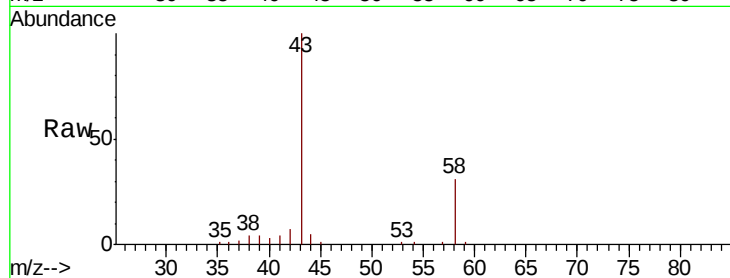
TP-1-SHALLOW

Tot Ion: 43 Resp: 15261

Ion Ratio Lower Upper

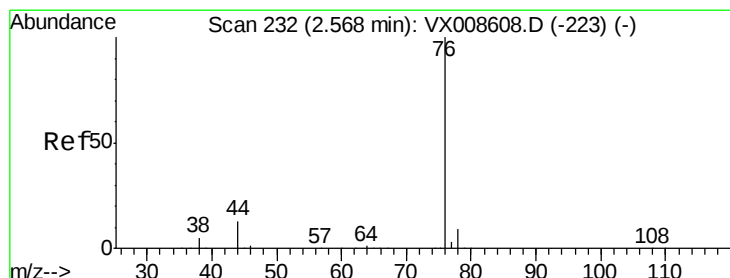
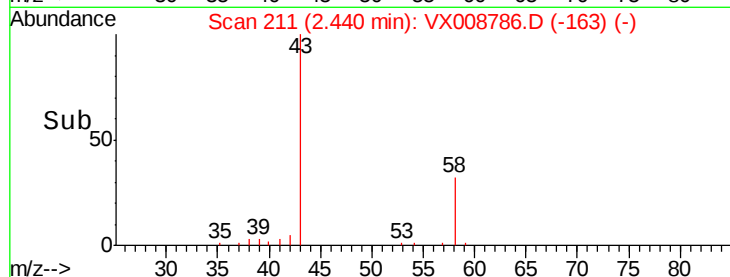
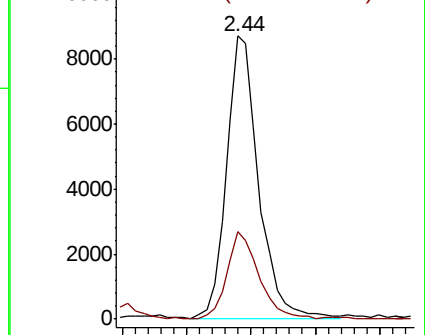
43 100

58 31.1 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#17

Carbon Disulfide

Concen: Below Cal

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX008786.D

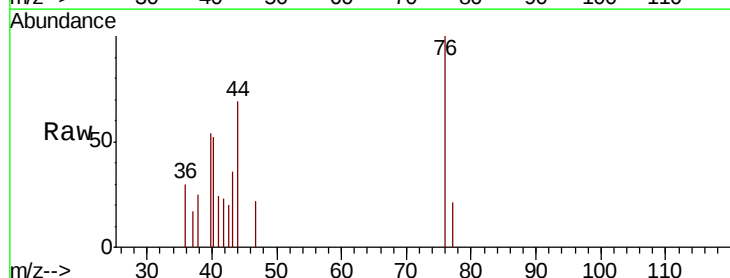
Acq: 09 Apr 2019 21:15

Tgt Ion: 76 Resp: 463

Ion Ratio Lower Upper

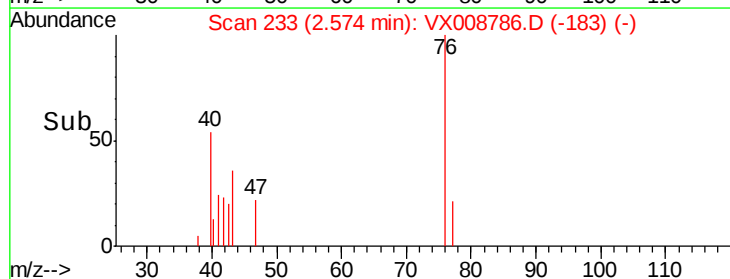
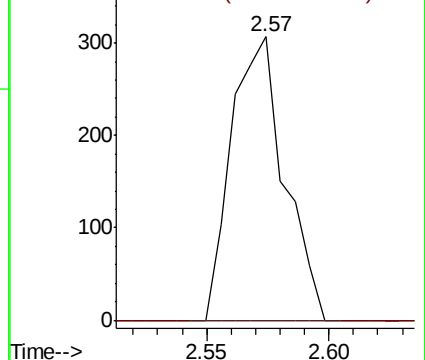
76 100

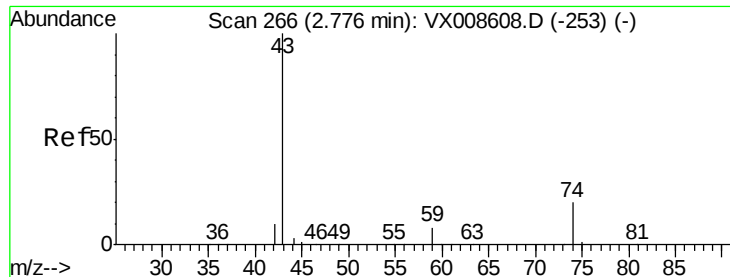
78 0.0 7.1 10.7#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

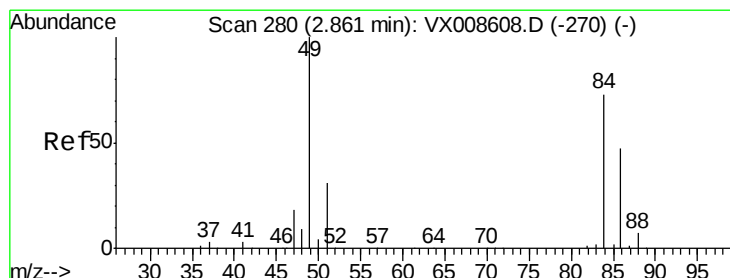
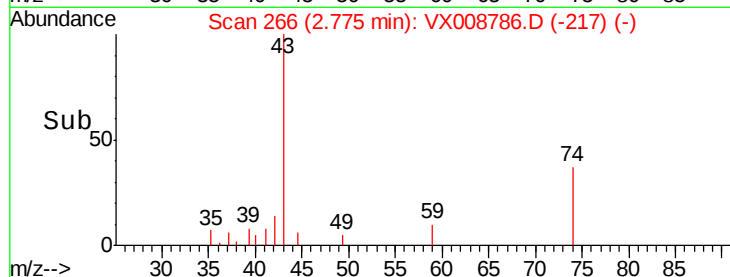
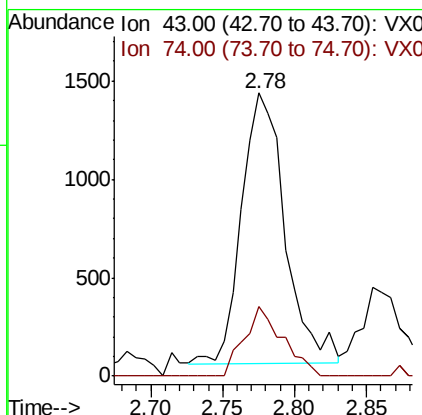
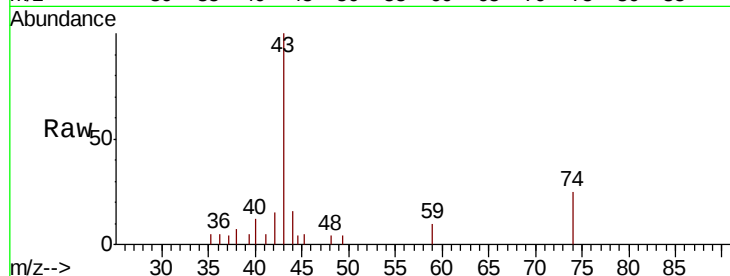




#18
Methyl Acetate
Concen: 0.673 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX008786.D
Acq: 09 Apr 2019 21:15

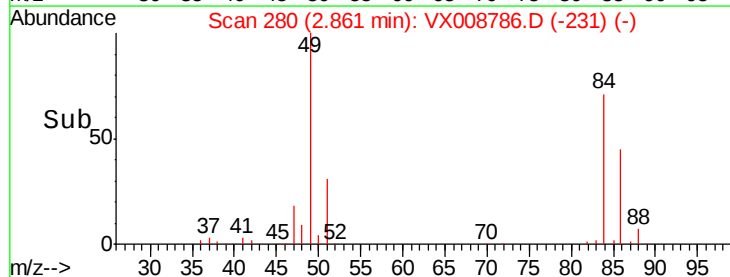
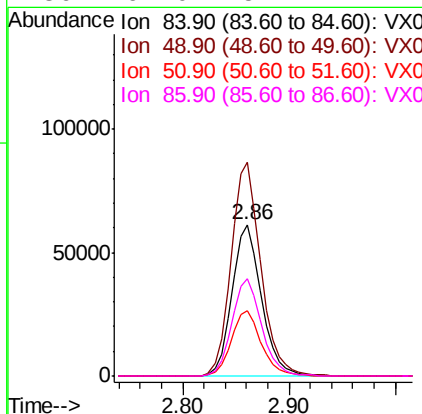
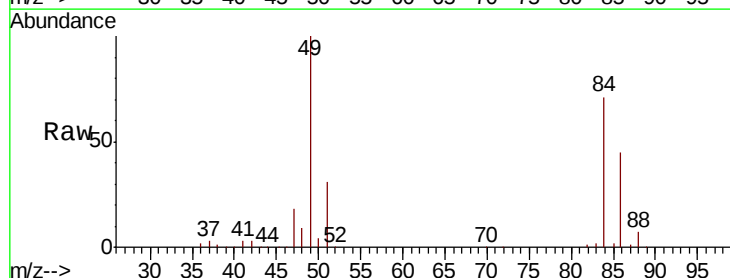
Instrument :
MSVOA_X
ClientSampleId :
TP-1-SHALLOW

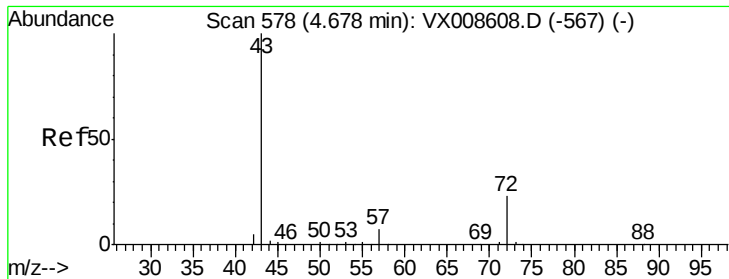
Tot Ion: 43 Resp: 2874
Ion Ratio Lower Upper
43 100
74 23.1 16.5 24.7



#20
Methylene Chloride
Concen: 40.364 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX008786.D
Acq: 09 Apr 2019 21:15

Tgt Ion: 84 Resp: 119030
Ion Ratio Lower Upper
84 100
49 141.2 109.7 164.5
51 43.2 33.6 50.4
86 64.0 51.4 77.2





#25

2-Butanone

Concen: 0.812 ug/l

RT: 4.70 min Scan# 581

Delta R.T. 0.02 min

Lab File: VX008786.D

Acq: 09 Apr 2019 21:15

Instrument :

MSVOA_X

ClientSampleId :

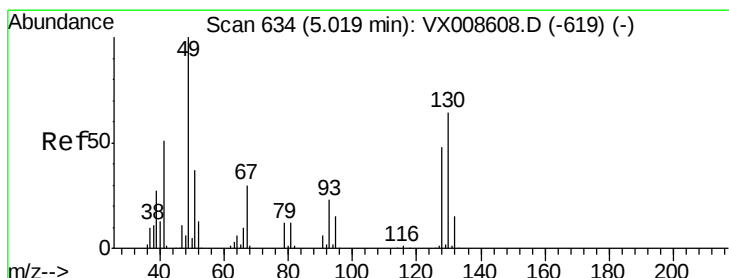
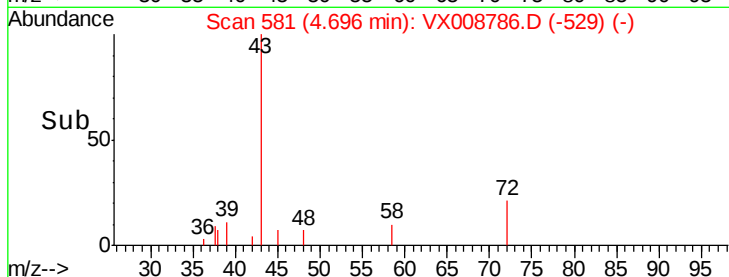
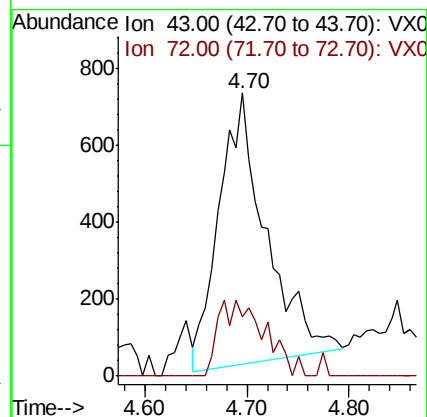
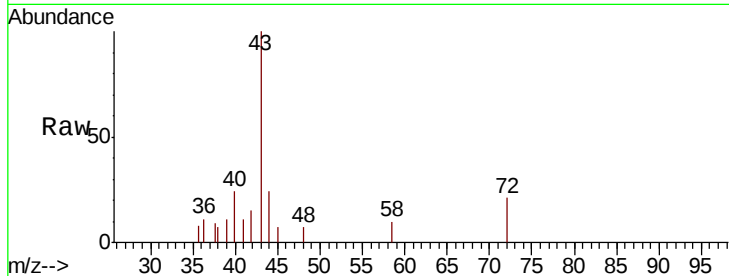
TP-1-SHALLOW

Tot Ion: 43 Resp: 2261

Ion Ratio Lower Upper

43 100

72 23.5 18.2 27.4



#28

Bromochloromethane

Concen: Below Cal

RT: 5.01 min Scan# 633

Delta R.T. -0.01 min

Lab File: VX008786.D

Acq: 09 Apr 2019 21:15

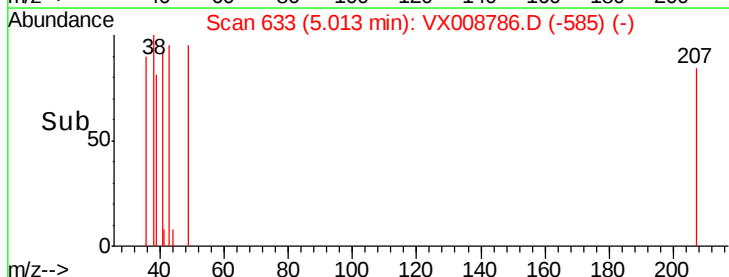
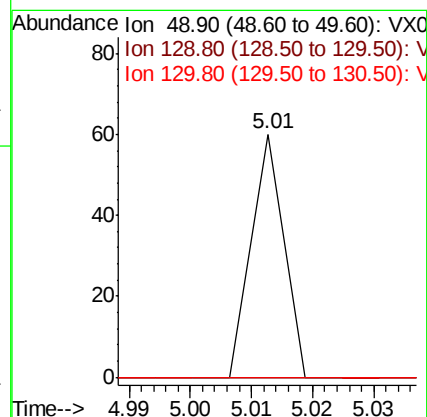
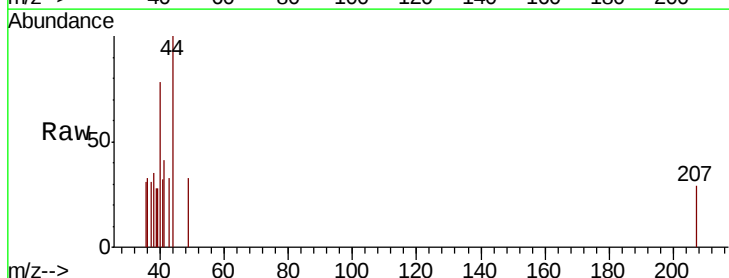
Tgt Ion: 49 Resp: 22

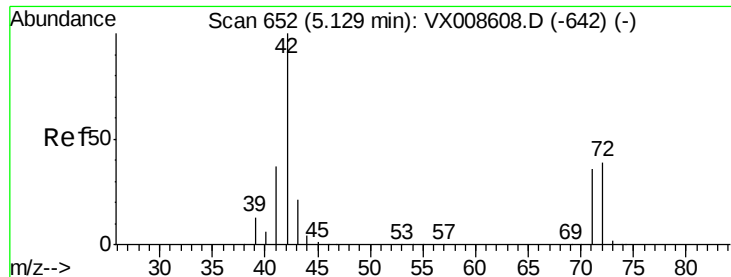
Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.6

130 0.0 49.3 73.9#

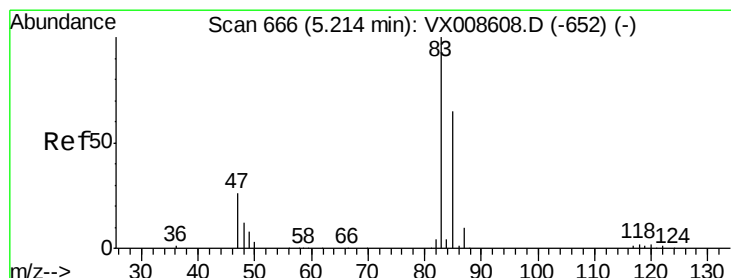
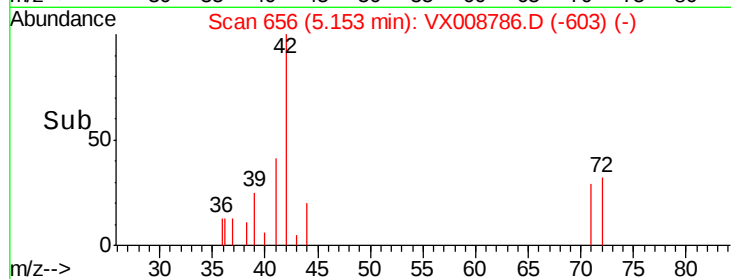
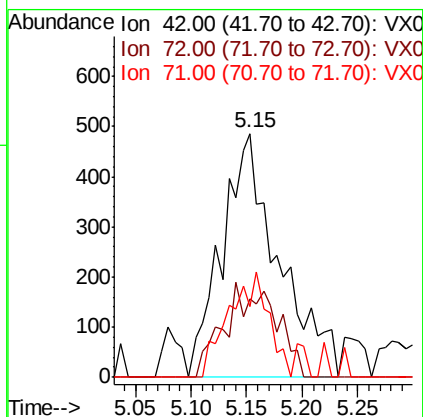
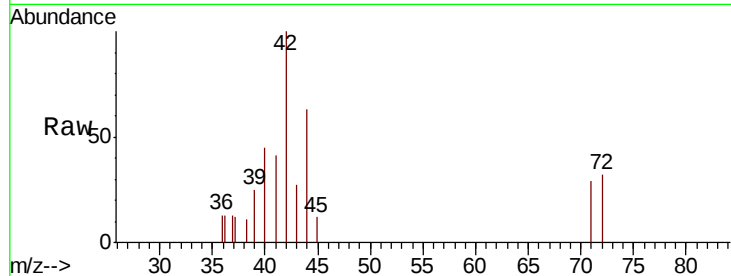




#29
Tetrahydrofuran
Concen: 0.932 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.02 min
Lab File: VX008786.D
Acq: 09 Apr 2019 21:15

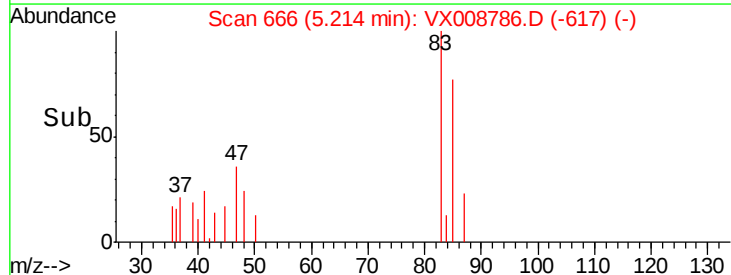
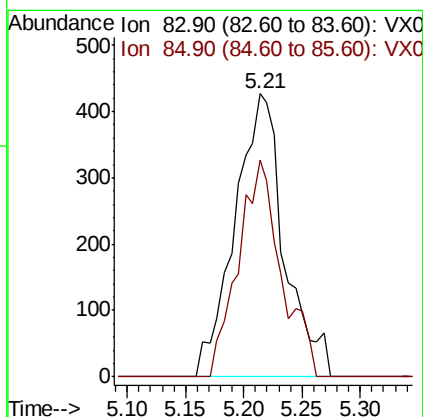
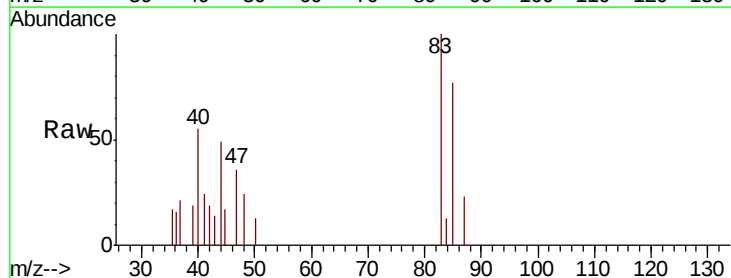
Instrument :
MSVOA_X
ClientSampleId :
TP-1-SHALLOW

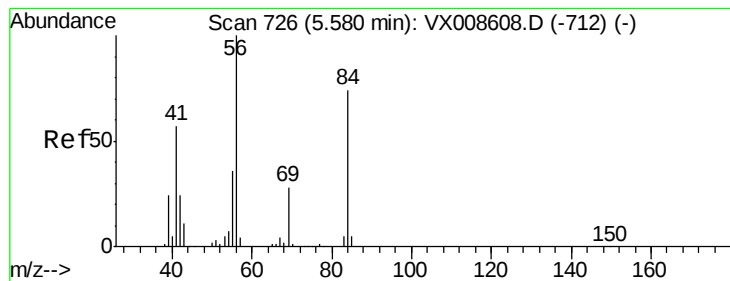
Tot Ion: 42 Resp: 1723
Ion Ratio Lower Upper
42 100
72 15.0 30.5 45.7#
71 30.3 28.6 43.0



#30
Chloroform
Concen: 0.267 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX008786.D
Acq: 09 Apr 2019 21:15

Tgt Ion: 83 Resp: 1261
Ion Ratio Lower Upper
83 100
85 76.6 52.1 78.1





#31

Cyclohexane

Concen: 0.943 ug/l

RT: 5.66 min Scan# 740

Delta R.T. 0.08 min

Lab File: VX008786.D

Acq: 09 Apr 2019 21:15

Instrument :

MSVOA_X

ClientSampleId :

TP-1-SHALLOW

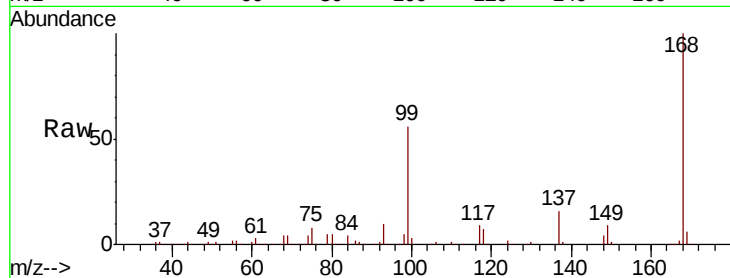
Tot Ion: 56 Resp: 4984

Ion Ratio Lower Upper

56 100

69 156.9 22.6 33.8#

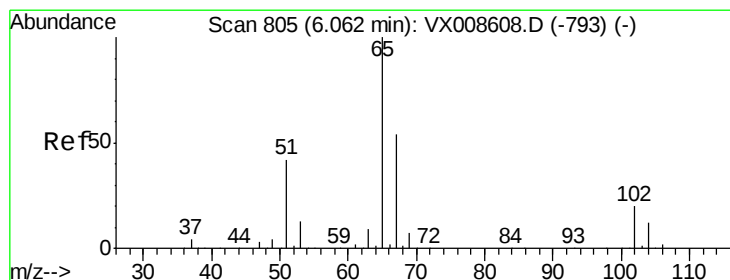
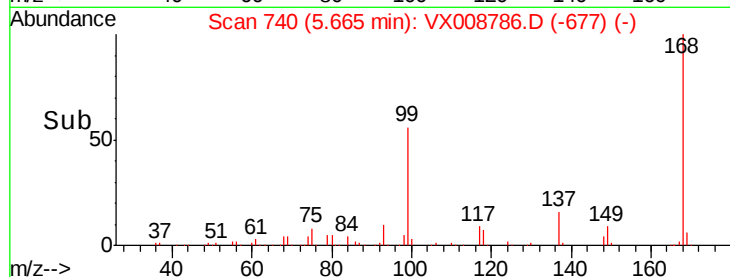
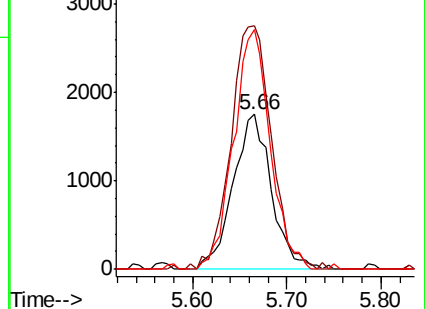
84 154.1 59.3 88.9#



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: 46.664 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008786.D

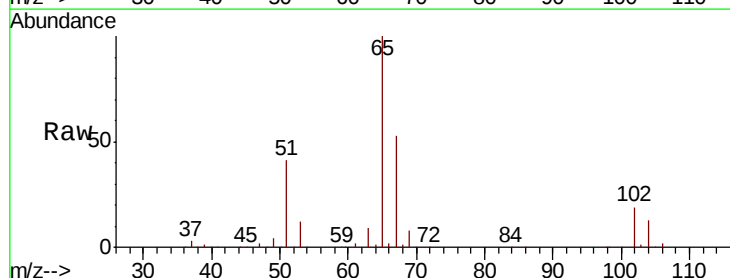
Acq: 09 Apr 2019 21:15

Tgt Ion: 65 Resp: 142729

Ion Ratio Lower Upper

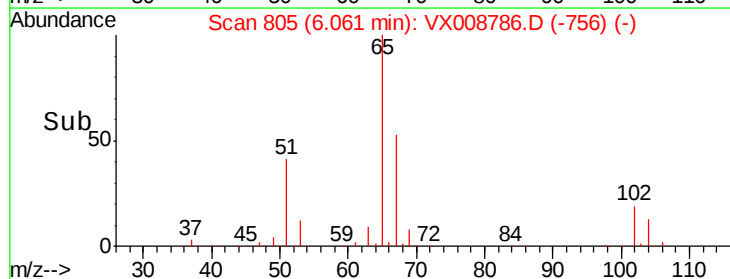
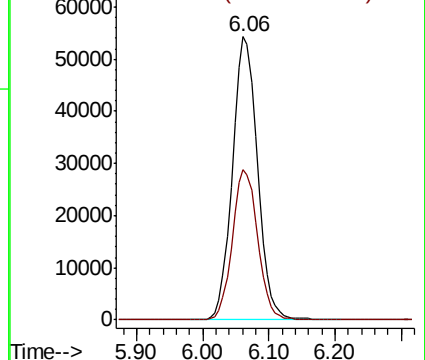
65 100

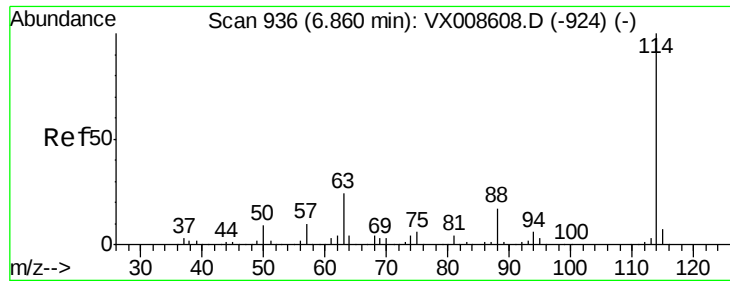
67 53.6 0.0 107.2



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: VX008786.D

Acq: 09 Apr 2019 21:15

Instrument :

MSVOA_X

ClientSampleId :

TP-1-SHALLOW

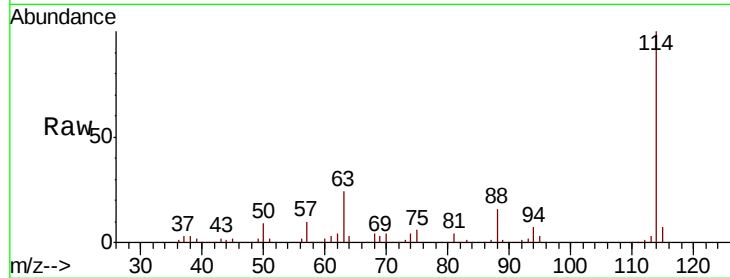
Tot Ion:114 Resp: 346559

Ion Ratio Lower Upper

114 100

63 23.7 0.0 47.2

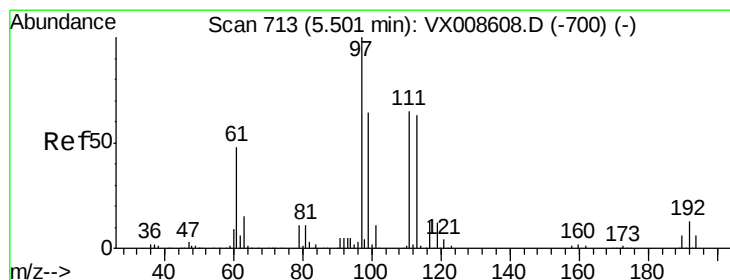
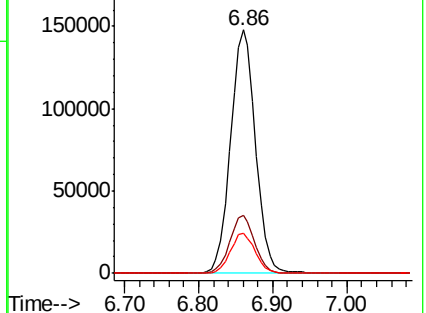
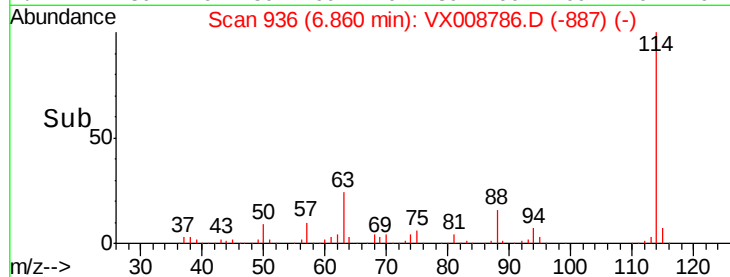
88 16.2 0.0 34.0



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: 46.884 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008786.D

Acq: 09 Apr 2019 21:15

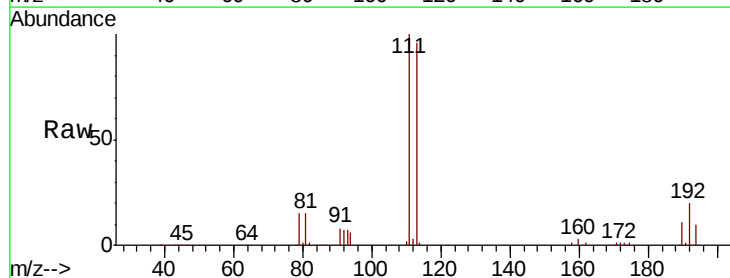
Tgt Ion:113 Resp: 103883

Ion Ratio Lower Upper

113 100

111 103.8 83.4 125.2

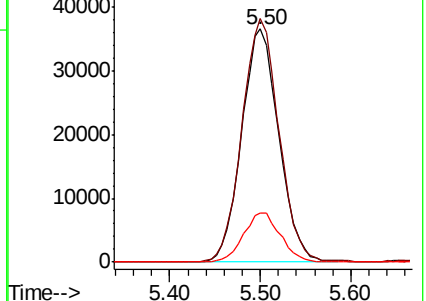
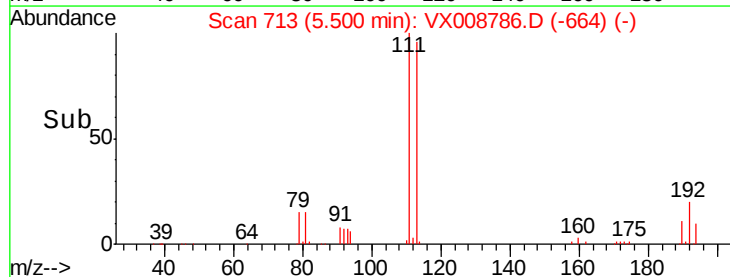
192 21.0 16.1 24.1

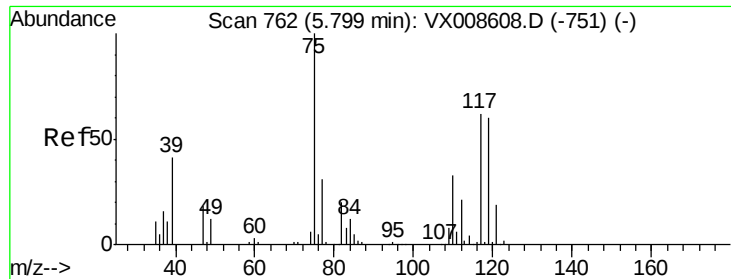


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

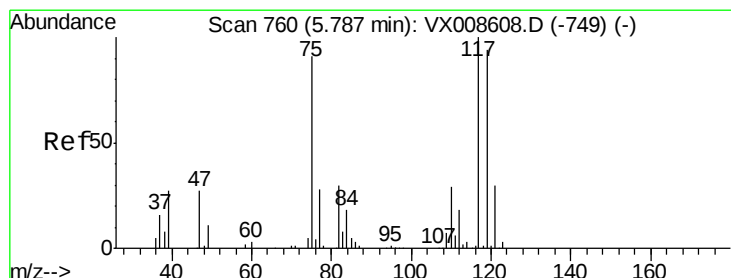
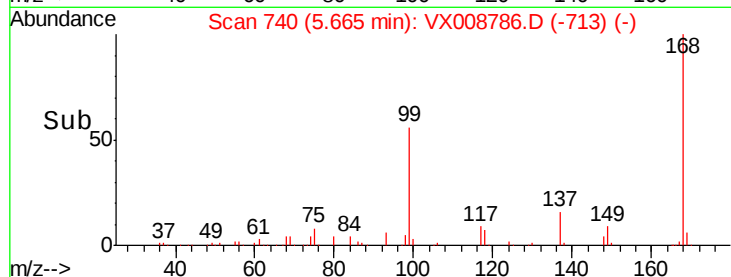
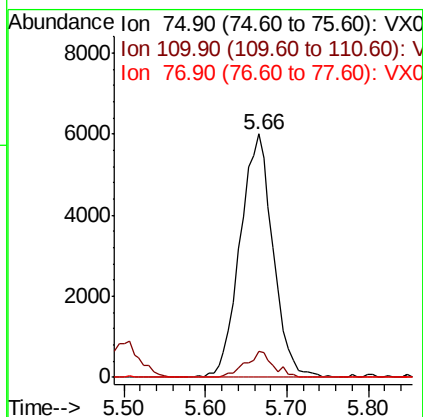
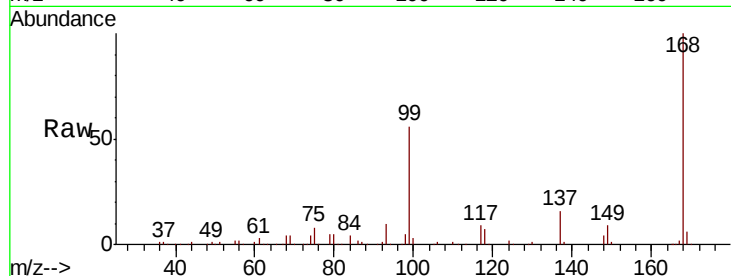




#36
 1,1-Dichloropropene
 Concen: 4.429 ug/l
 RT: 5.66 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX008786.D
 Acq: 09 Apr 2019 21:15

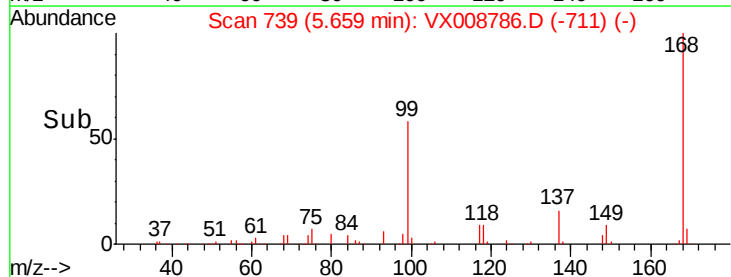
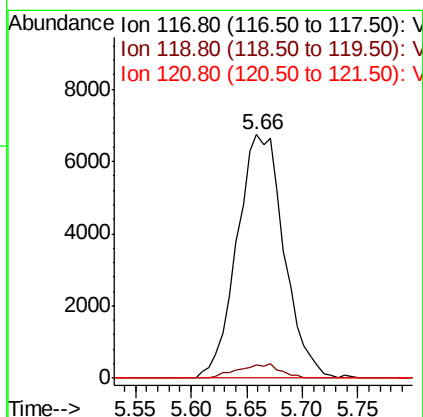
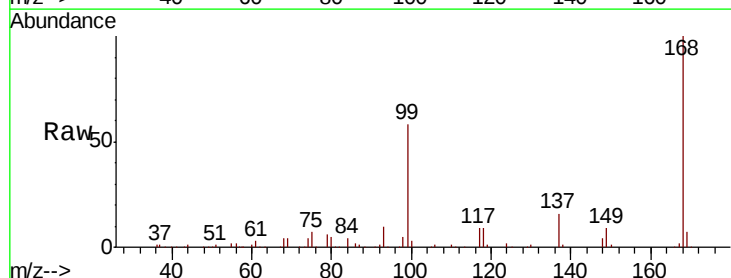
Instrument :
 MSVOA_X
 ClientSampleId :
 TP-1-SHALLOW

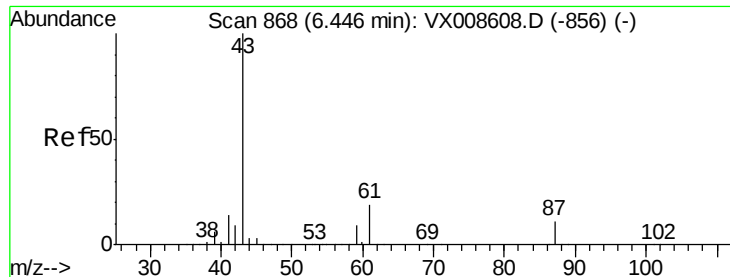
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.0	16.4	49.2#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 6.318 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.13 min
 Lab File: VX008786.D
 Acq: 09 Apr 2019 21:15

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.4	75.0	112.6#
121	0.0	24.3	36.5#





#43

Isopropyl Acetate

Concen: 1.537 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX008786.D

Acq: 09 Apr 2019 21:15

Instrument :

MSVOA_X

ClientSampleId :

TP-1-SHALLOW

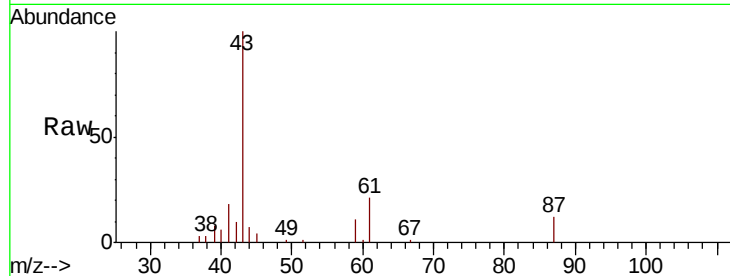
Tot Ion: 43 Resp: 12171

Ion Ratio Lower Upper

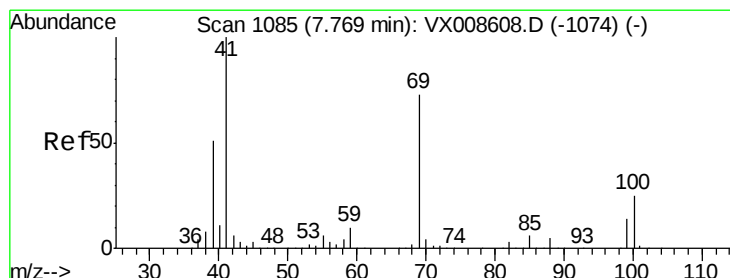
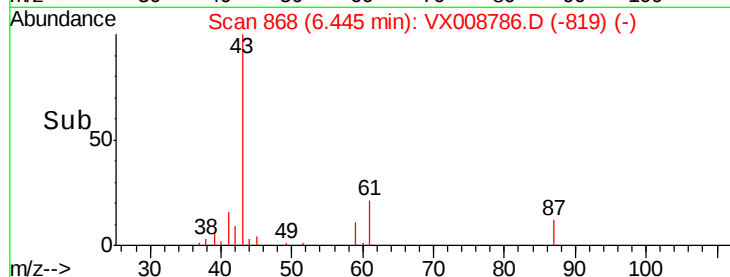
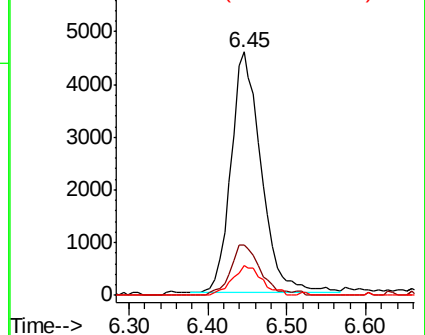
43 100

61 20.9 15.3 22.9

87 12.2 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: 1.893 ug/l

RT: 7.68 min Scan# 1070

Delta R.T. -0.09 min

Lab File: VX008786.D

Acq: 09 Apr 2019 21:15

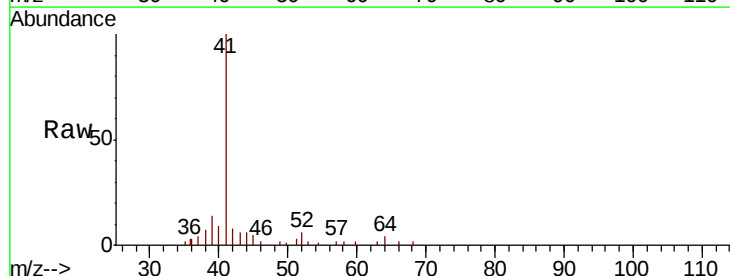
Tgt Ion: 41 Resp: 7584

Ion Ratio Lower Upper

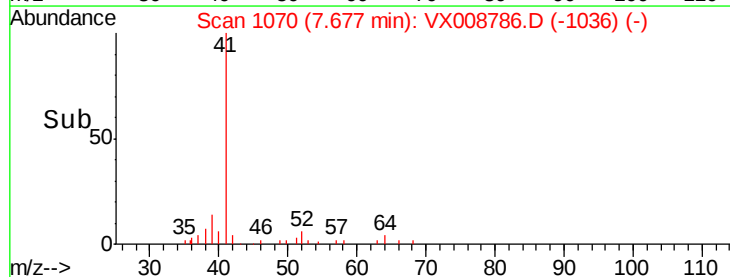
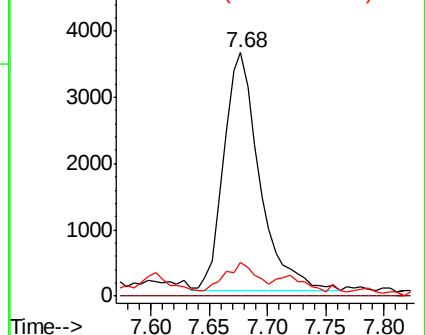
41 100

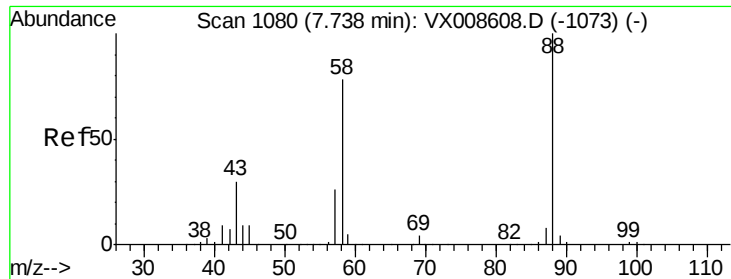
69 0.0 59.0 88.4#

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: 2.278 ug/l

RT: 7.88 min Scan# 1103

Delta R.T. 0.14 min

Lab File: VX008786.D

Acq: 09 Apr 2019 21:15

Instrument :

MSVOA_X

ClientSampleId :

TP-1-SHALLOW

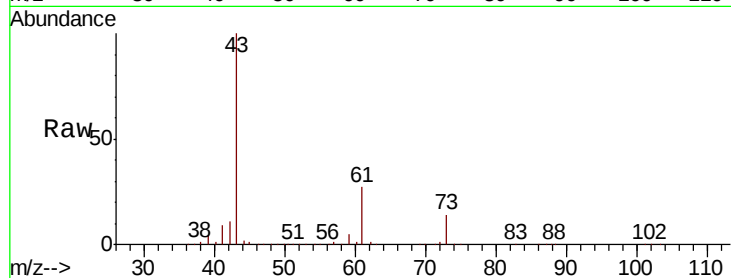
Tot Ion: 88 Resp: 171

Ion Ratio Lower Upper

88 100

43 702396.5 28.6 43.0#

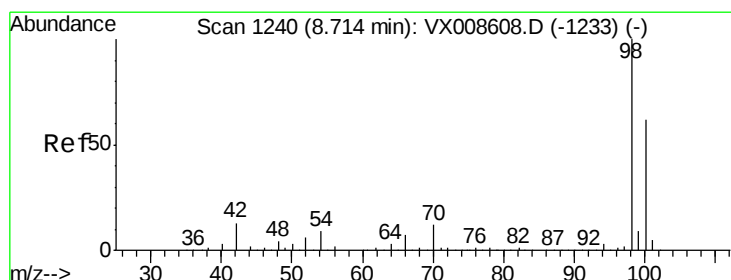
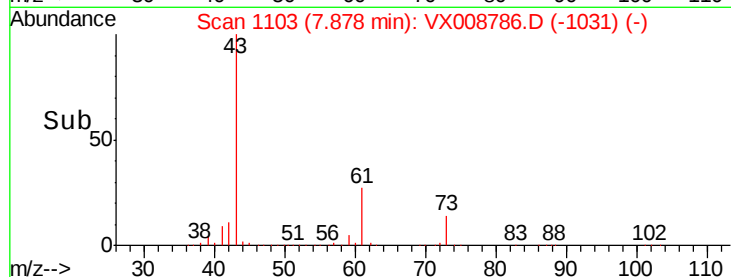
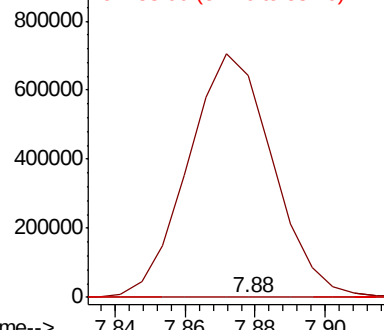
58 2603.5 62.2 93.2#



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: 49.386 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008786.D

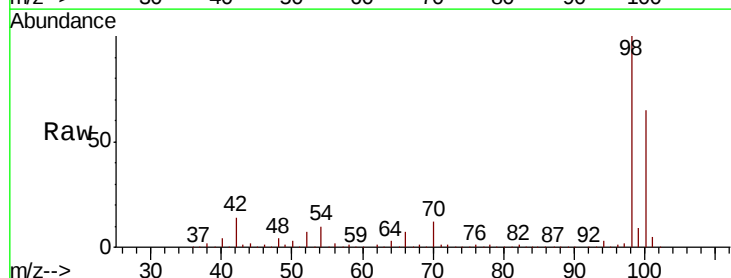
Acq: 09 Apr 2019 21:15

Tgt Ion: 98 Resp: 435715

Ion Ratio Lower Upper

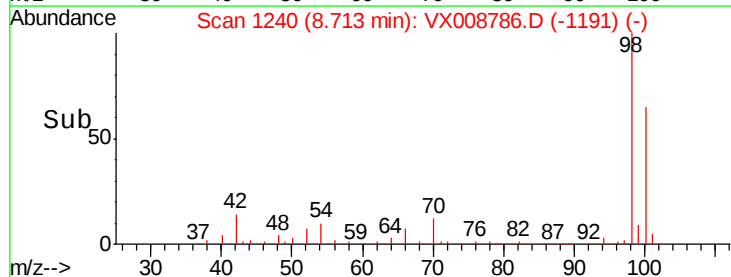
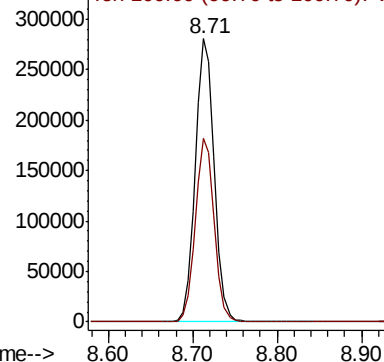
98 100

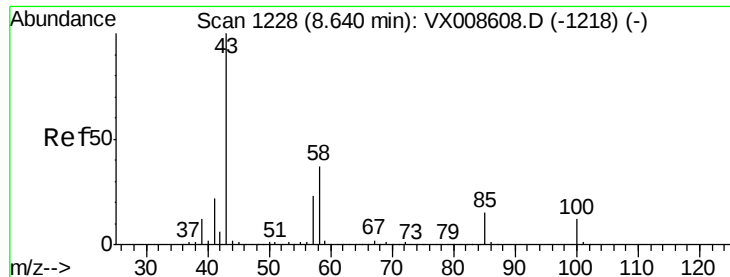
100 64.4 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

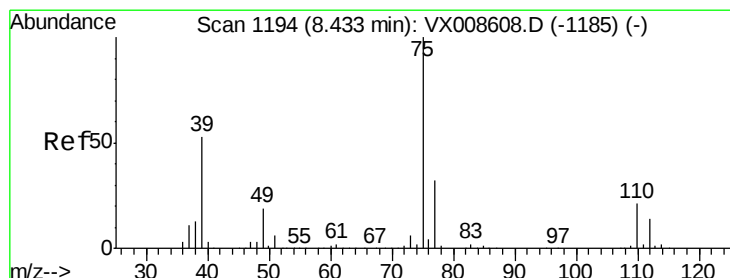
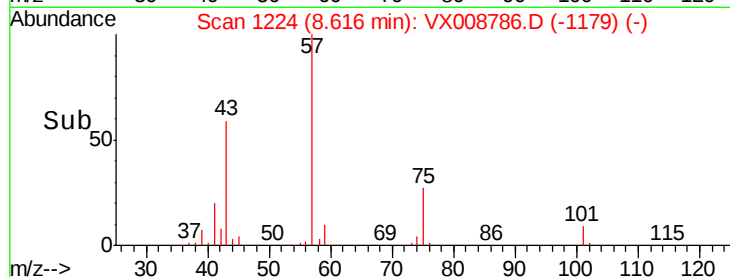
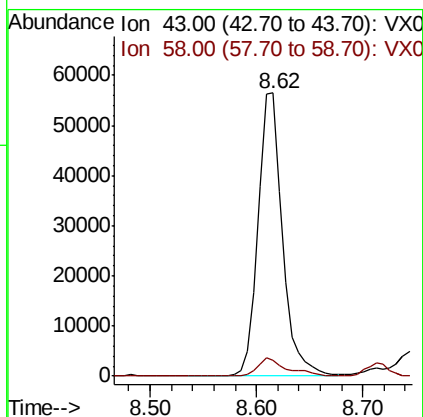
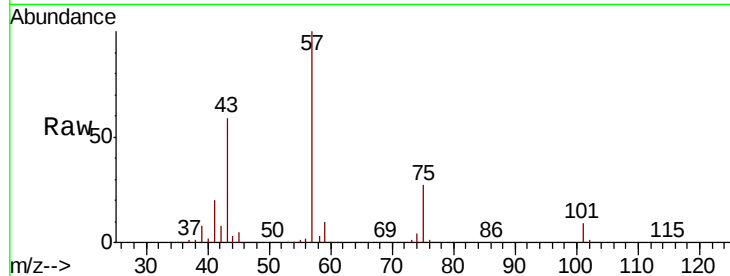




#51
 4-Methyl-2-Pentanone
 Concen: 17.751 ug/l
 RT: 8.62 min Scan# 1224
 Delta R.T. -0.02 min
 Lab File: VX008786.D
 Acq: 09 Apr 2019 21:15

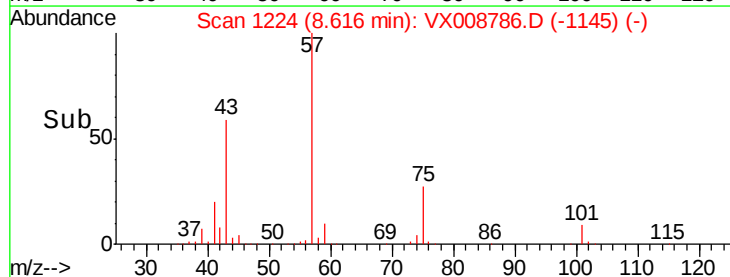
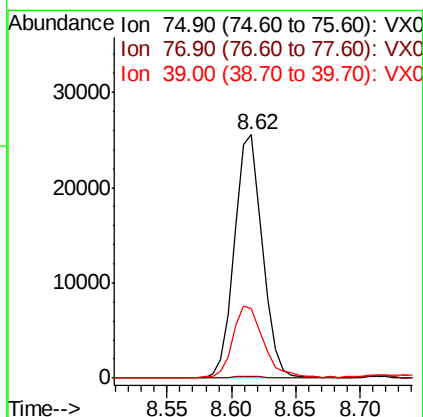
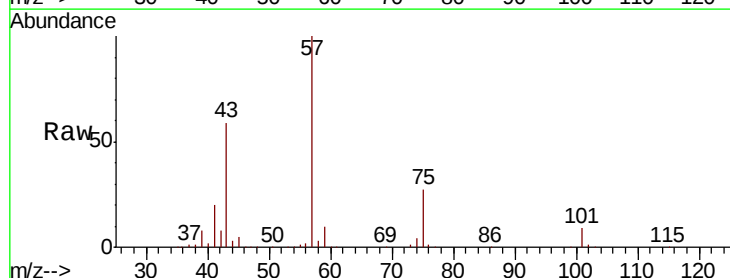
Instrument :
 MSVOA_X
 ClientSampleId :
 TP-1-SHALLOW

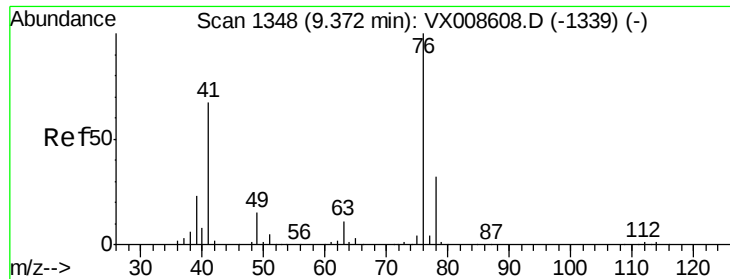
Tot Ion: 43 Resp: 90515
 Ion Ratio Lower Upper
 43 100
 58 7.7 29.5 44.3#



#54
 cis-1,3-Dichloropropene
 Concen: 8.598 ug/l
 RT: 8.62 min Scan# 1224
 Delta R.T. 0.18 min
 Lab File: VX008786.D
 Acq: 09 Apr 2019 21:15

Tgt Ion: 75 Resp: 38765
 Ion Ratio Lower Upper
 75 100
 77 0.5 25.3 37.9#
 39 28.1 42.6 63.8#

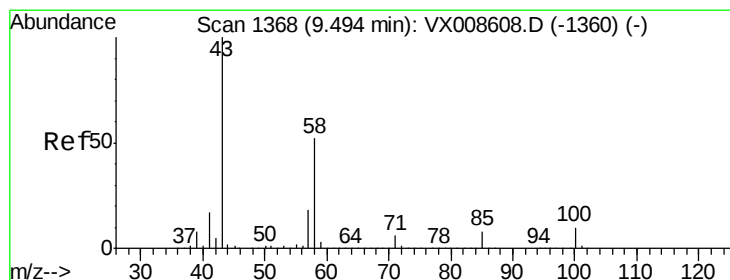
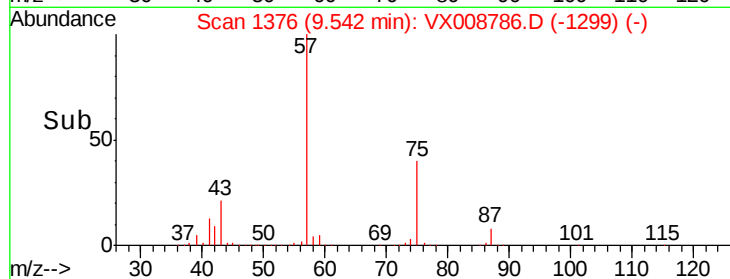
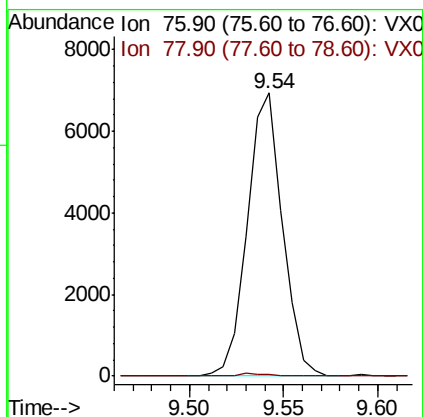
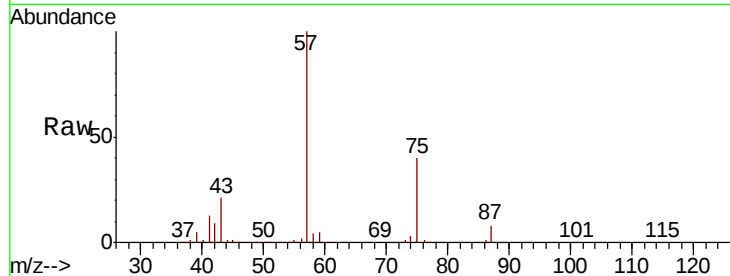




#57
 1,3-Dichloropropane
 Concen: 1.865 ug/l
 RT: 9.54 min Scan# 1376
 Delta R.T. 0.17 min
 Lab File: VX008786.D
 Acq: 09 Apr 2019 21:15

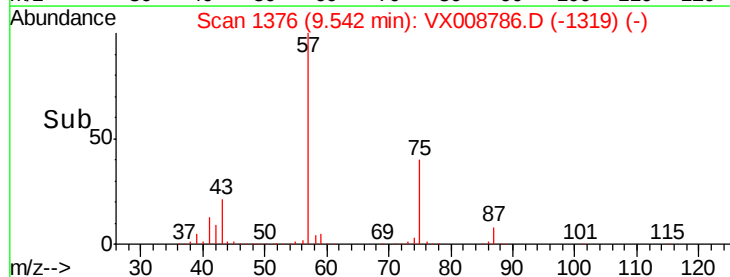
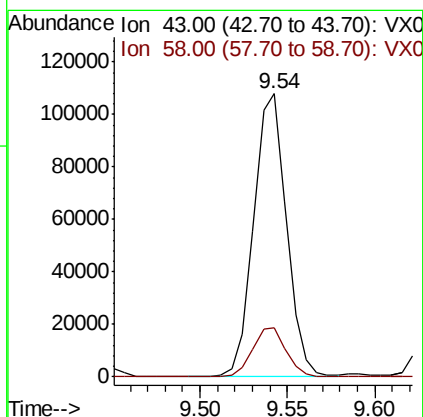
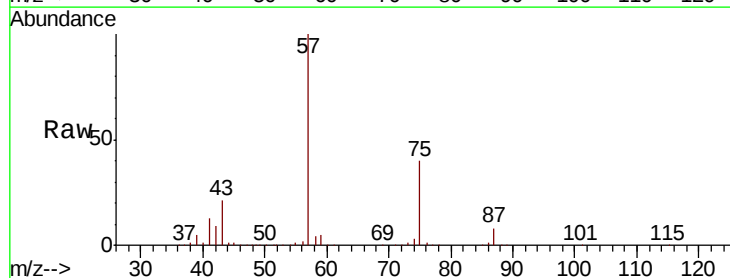
Instrument :
 MSVOA_X
 ClientSampleId :
 TP-1-SHALLOW

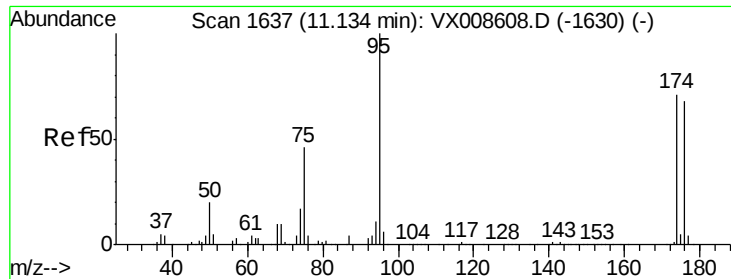
Tot Ion: 76 Resp: 8943
 Ion Ratio Lower Upper
 76 100
 78 0.7 25.6 38.4#



#59
 2-Hexanone
 Concen: 35.186 ug/l
 RT: 9.54 min Scan# 1376
 Delta R.T. 0.05 min
 Lab File: VX008786.D
 Acq: 09 Apr 2019 21:15

Tgt Ion: 43 Resp: 139433
 Ion Ratio Lower Upper
 43 100
 58 18.1 25.9 77.7#

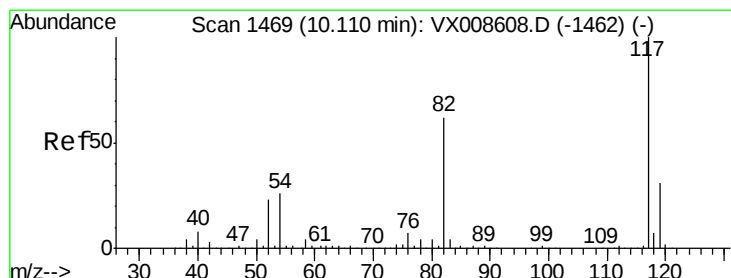
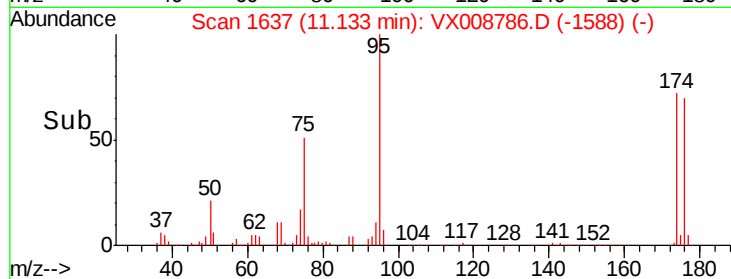
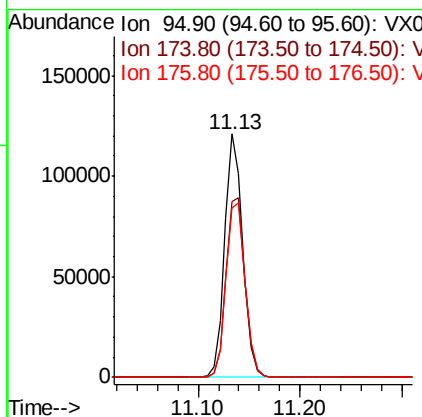
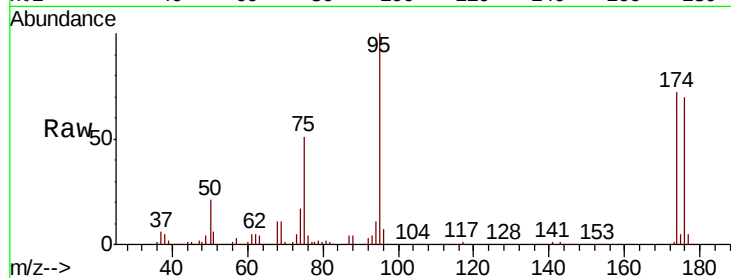




#62
4-Bromofluorobenzene
Concen: 47.295 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008786.D
Acq: 09 Apr 2019 21:15

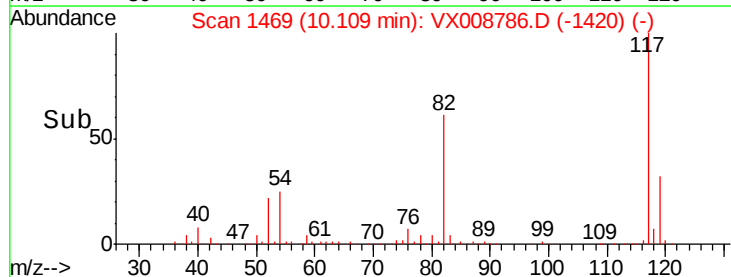
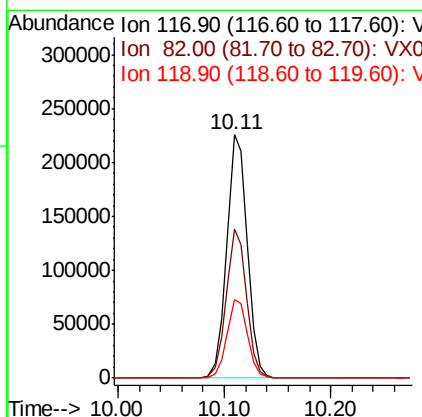
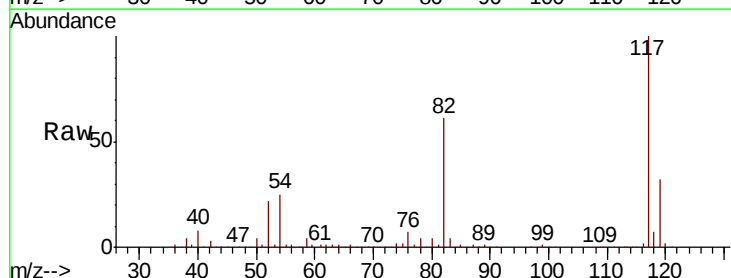
Instrument :
MSVOA_X
ClientSampleId :
TP-1-SHALLOW

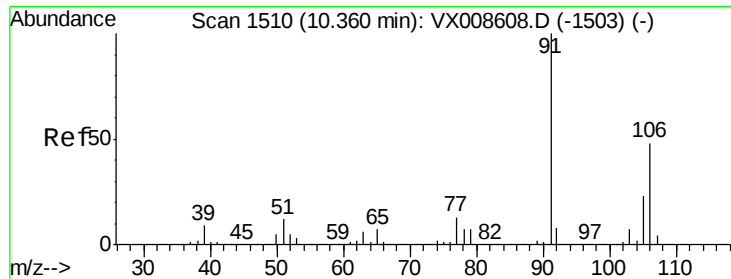
Tot Ion: 95 Resp: 147970
Ion Ratio Lower Upper
95 100
174 77.6 0.0 151.8
176 75.9 0.0 145.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008786.D
Acq: 09 Apr 2019 21:15

Tgt Ion: 117 Resp: 305140
Ion Ratio Lower Upper
117 100
82 61.1 49.6 74.4
119 32.0 25.0 37.4

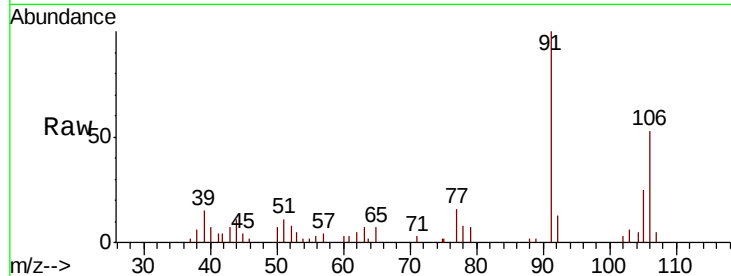




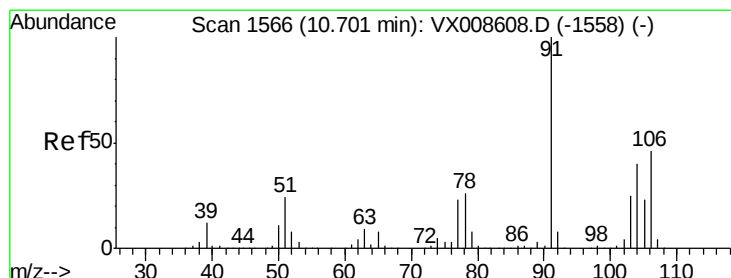
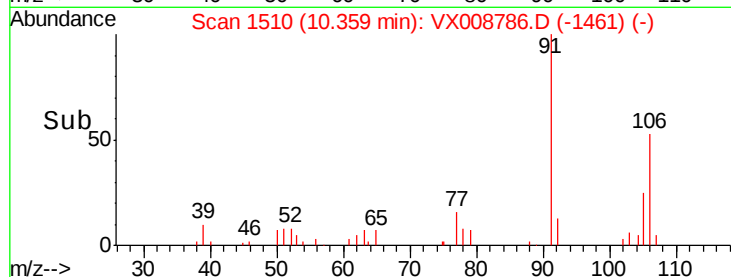
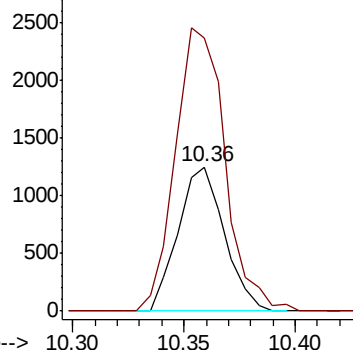
#68
m/p-Xylenes
Concen: 0.398 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX008786.D
Acq: 09 Apr 2019 21:15

Instrument :
MSVOA_X
ClientSampleId :
TP-1-SHALLOW

Tot Ion:106 Resp: 1803
Ion Ratio Lower Upper
106 100
91 210.8 168.5 252.7

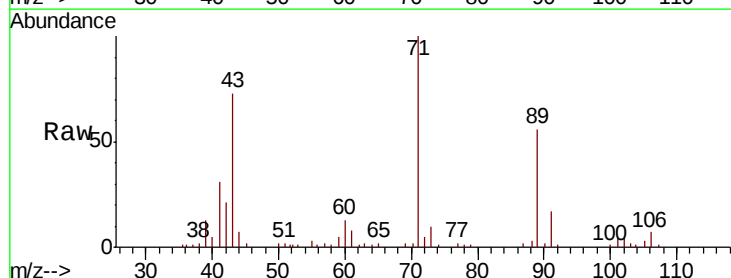


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

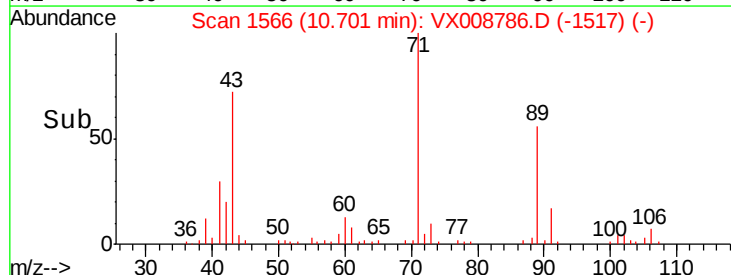
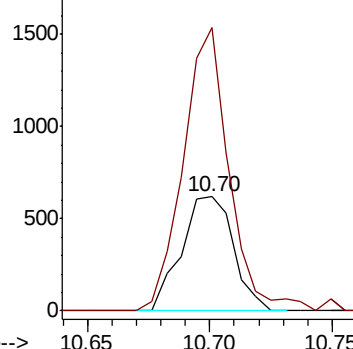


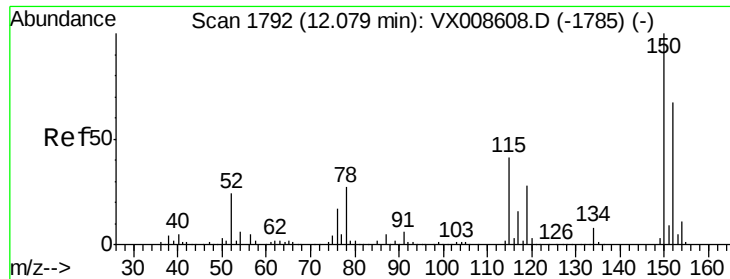
#69
o-Xylene
Concen: 0.208 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX008786.D
Acq: 09 Apr 2019 21:15

Tgt Ion:106 Resp: 915
Ion Ratio Lower Upper
106 100
91 219.1 111.5 334.4



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008786.D

Acq: 09 Apr 2019 21:15

Instrument :

MSVOA_X

ClientSampleId :

TP-1-SHALLOW

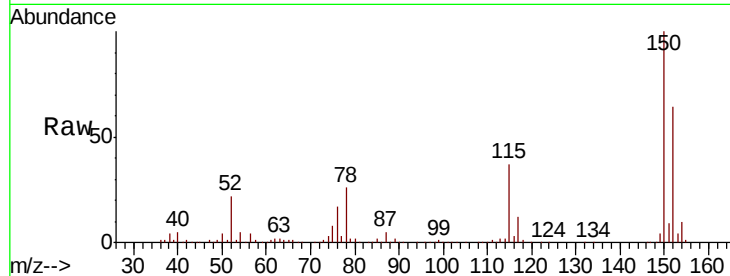
Tot Ion:152 Resp: 133509

Ion Ratio Lower Upper

152 100

115 60.0 43.5 130.5

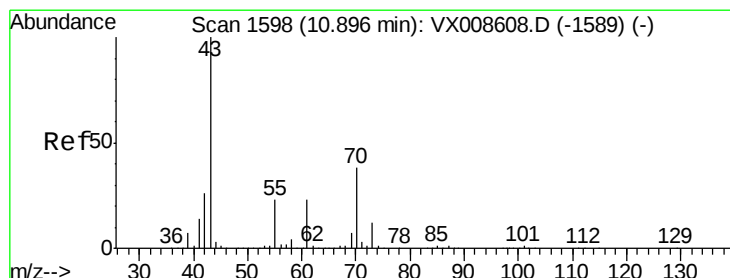
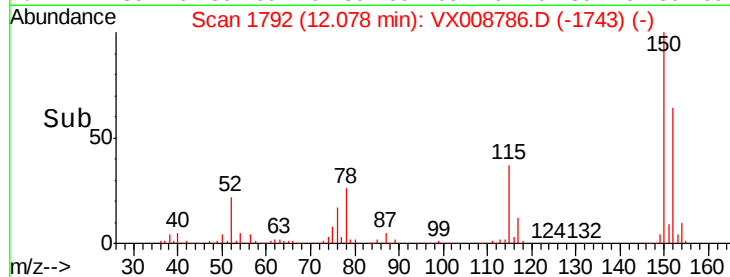
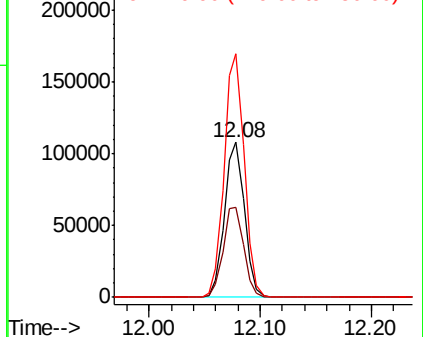
150 157.5 0.0 348.8



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



#74

N-ethyl acetate

Concen: 2.265 ug/l

RT: 10.69 min Scan# 1565

Delta R.T. -0.20 min

Lab File: VX008786.D

Acq: 09 Apr 2019 21:15

Tgt Ion: 43 Resp: 14747

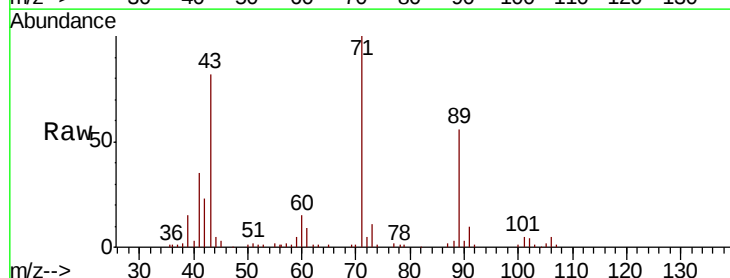
Ion Ratio Lower Upper

43 100

70 1.8 30.2 45.4#

55 3.9 18.2 27.4#

61 10.8 18.6 28.0#

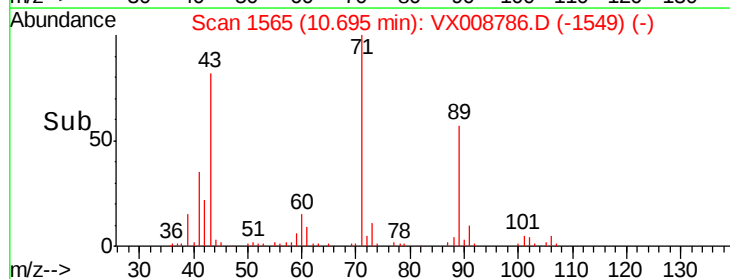
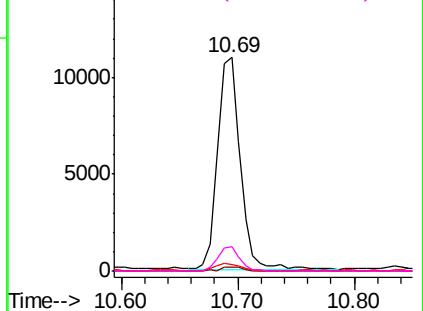


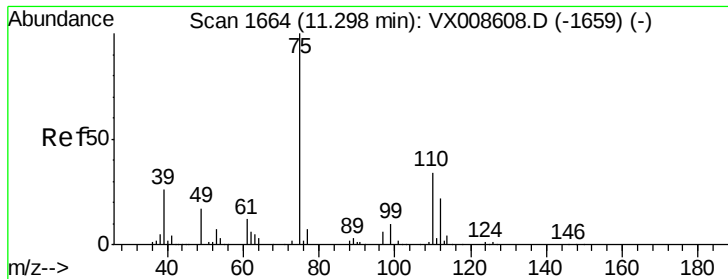
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 20.891 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX008786.D

Acq: 09 Apr 2019 21:15

Instrument :

MSVOA_X

ClientSampleId :

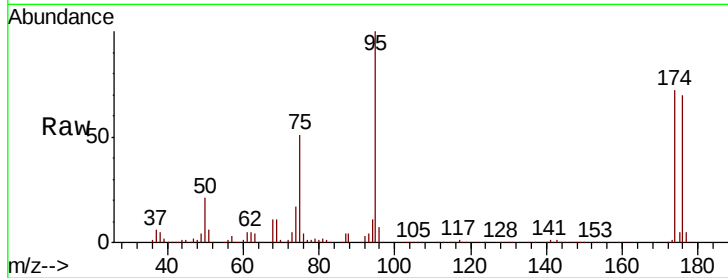
TP-1-SHALLOW

Tot Ion: 75 Resp: 76621

Ion Ratio Lower Upper

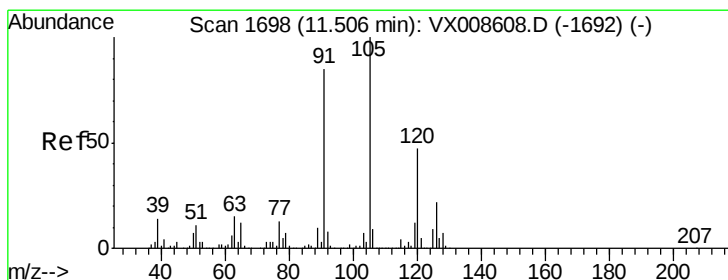
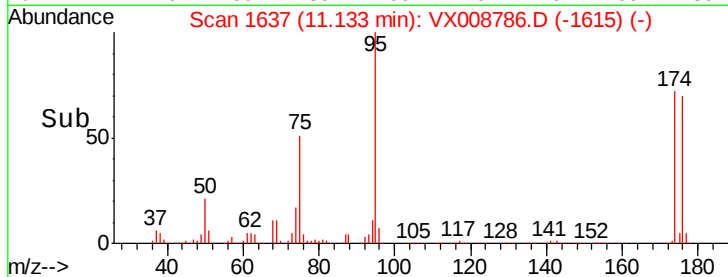
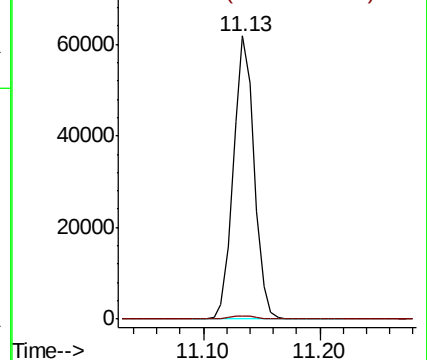
75 100

77 1.4 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: 0.527 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008786.D

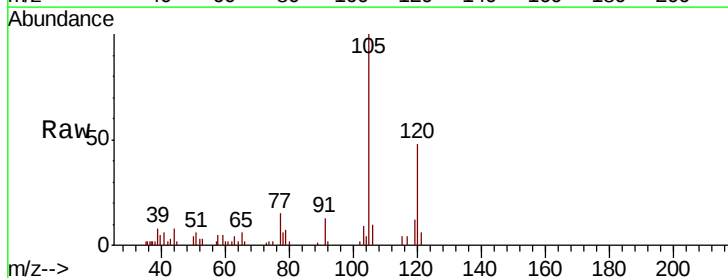
Acq: 09 Apr 2019 21:15

Tgt Ion:105 Resp: 4891

Ion Ratio Lower Upper

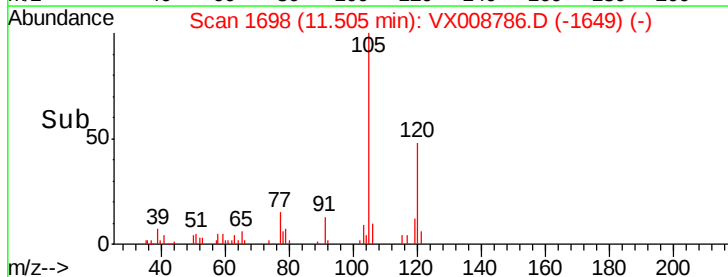
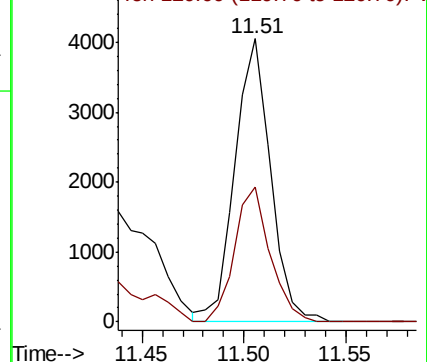
105 100

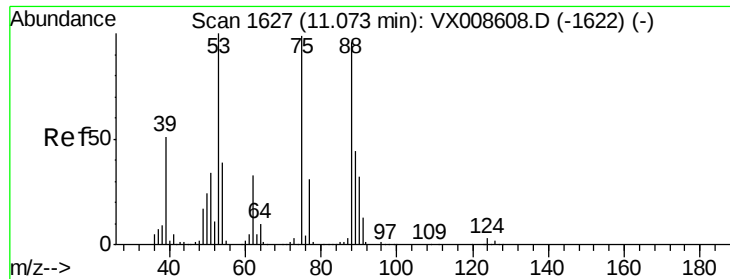
120 47.3 23.5 70.6



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: 57.588 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX008786.D

Acq: 09 Apr 2019 21:15

Instrument :

MSVOA_X

ClientSampleId :

TP-1-SHALLOW

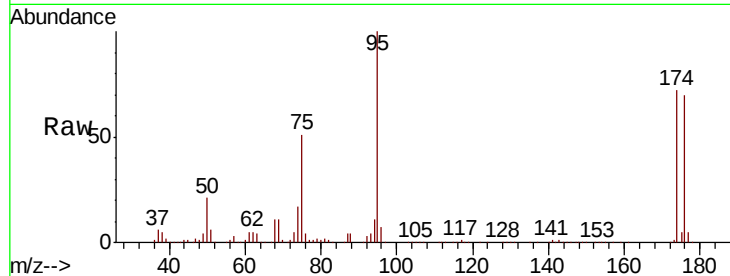
Tot Ion: 75 Resp: 76621

Ion Ratio Lower Upper

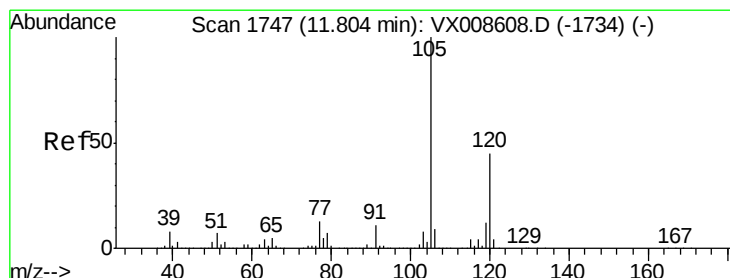
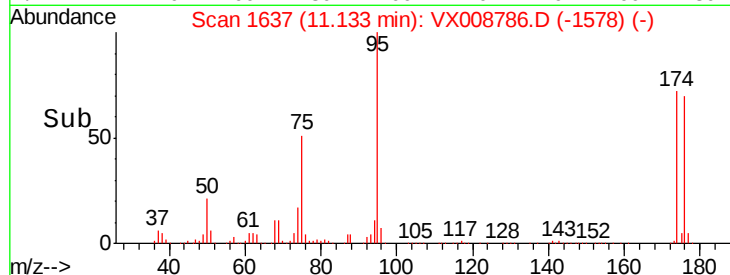
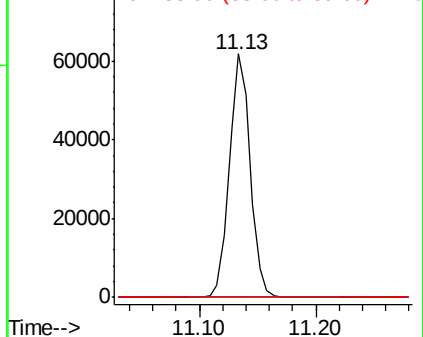
75 100

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: 0.975 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX008786.D

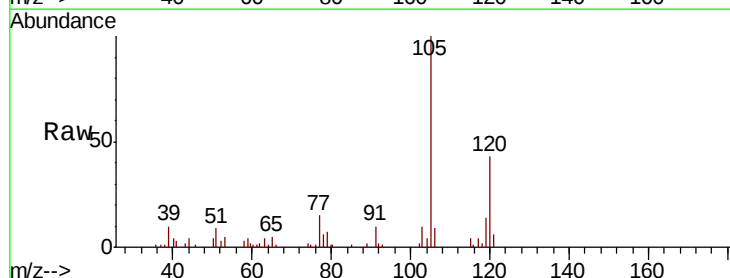
Acq: 09 Apr 2019 21:15

Tgt Ion:105 Resp: 9165

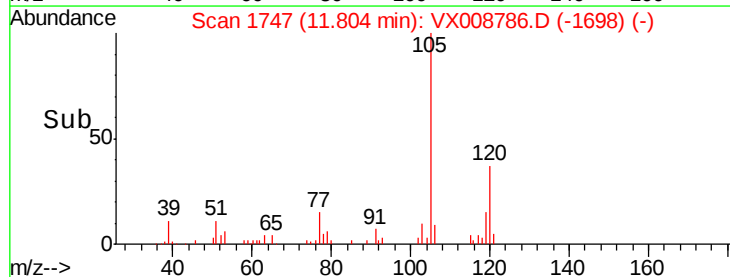
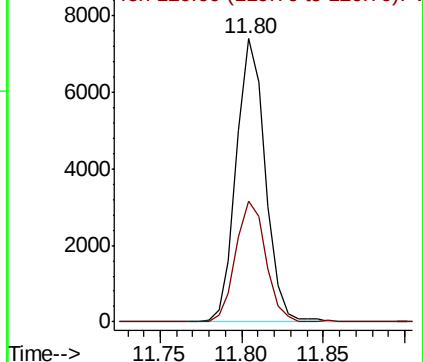
Ion Ratio Lower Upper

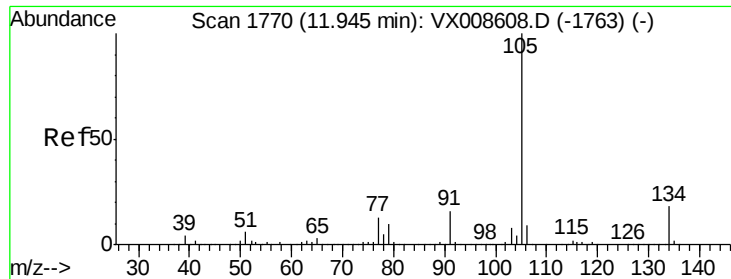
105 100

120 44.0 21.8 65.3



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

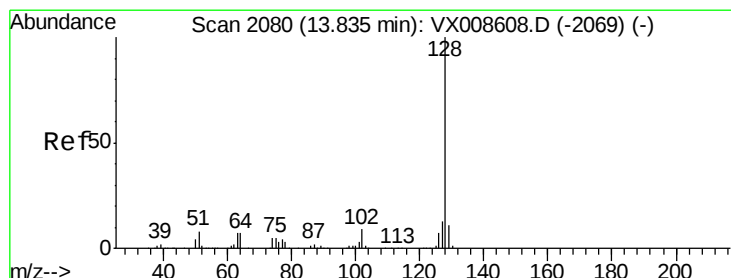
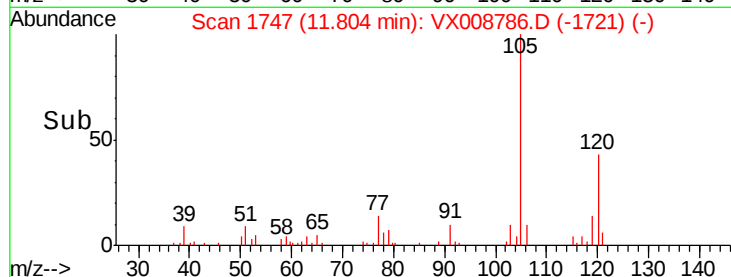
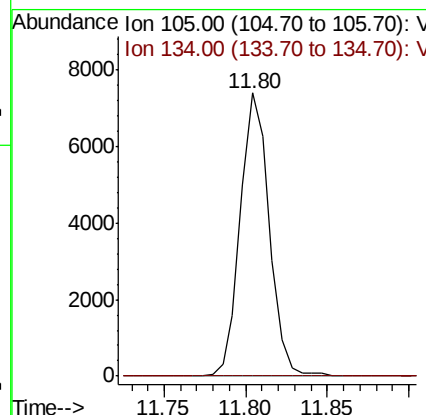
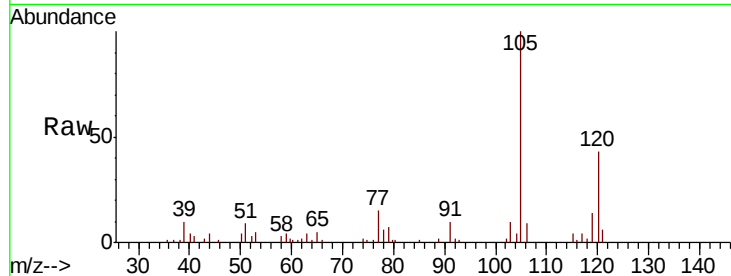




#85
 sec-Butylbenzene
 Concen: 0.864 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.14 min
 Lab File: VX008786.D
 Acq: 09 Apr 2019 21:15

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-1-SHALLOW

Tot Ion:105 Resp: 9165
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.4 28.2#



#95
 Naphthalene
 Concen: 0.244 ug/l
 RT: 13.83 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX008786.D
 Acq: 09 Apr 2019 21:15

Tgt Ion:128 Resp: 2680
 Ion Ratio Lower Upper
 128 100
 127 14.9 10.4 15.6
 129 11.7 8.6 13.0

