

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062719\
 Data File : VX010513.D
 Acq On : 28 Jun 2019 02:37
 Operator : JC/SP
 Sample : K3509-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 28 06:56:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

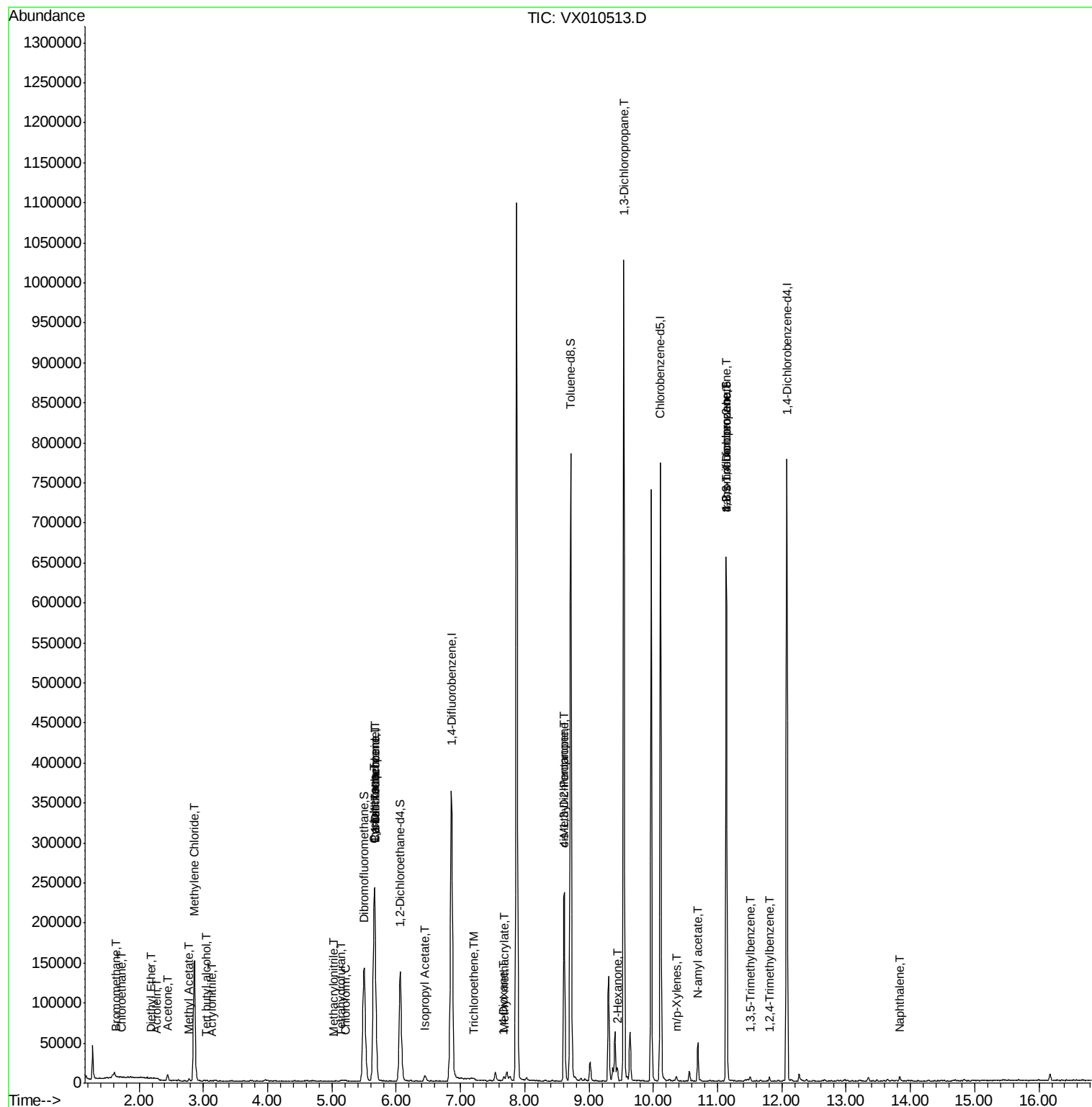
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	260349	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	397113	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	373868	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	172459	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	122317	50.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.22%	
35) Dibromofluoromethane	5.50	113	121832	50.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.28%	
50) Toluene-d8	8.71	98	478890	51.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.04%	
62) 4-Bromofluorobenzene	11.13	95	162597	48.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.90%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.64	94	419	0.373	ug/l	84
6) Chloroethane	1.73	64	478	0.351	ug/l #	41
8) Diethyl Ether	2.18	74	265	0.202	ug/l #	36
11) Tert butyl alcohol	3.05	59	155	0.243	ug/l #	7
13) Acrolein	2.28	56	151	0.356	ug/l	97
15) Acrylonitrile	3.14	53	258	0.204	ug/l #	56
16) Acetone	2.45	43	8028	6.562	ug/l	95
18) Methyl Acetate	2.78	43	3303	1.355	ug/l	98
20) Methylene Chloride	2.86	84	79567	31.604	ug/l	94
29) Tetrahydrofuran	5.15	42	897	0.807	ug/l #	81
30) Chloroform	5.21	83	1393	0.334	ug/l	93
31) Cyclohexane	5.65	56	4437	1.258	ug/l #	18
36) 1,1-Dichloropropene	5.66	75	15606	4.945	ug/l #	38
38) Carbon Tetrachloride	5.66	117	22891	6.699	ug/l #	15
41) Methacrylonitrile	5.03	41	380	0.213	ug/l #	35
43) Isopropyl Acetate	6.45	43	10706	1.993	ug/l	97
44) Trichloroethene	7.21	130	590	0.201	ug/l	79
48) Methyl methacrylate	7.68	41	6258	2.507	ug/l #	9
49) 1,4-Dioxane	7.65	88	39	0.542	ug/l #	1
51) 4-Methyl-2-Pentanone	8.61	43	73662	21.443	ug/l #	47
54) cis-1,3-Dichloropropene	8.62	75	40817	10.263	ug/l #	61
57) 1,3-Dichloropropane	9.54	76	9316	2.248	ug/l #	45
59) 2-Hexanone	9.44	43	9834	3.637	ug/l #	22
68) m/p-Xylenes	10.36	106	1325	0.267	ug/l	88
74) N-amyl acetate	10.69	43	9751	2.207	ug/l #	54
76) 1,2,3-Trichloropropane	11.13	75	77324	24.605	ug/l #	33
80) 1,3,5-Trimethylbenzene	11.51	105	2374	0.246	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.13	75	77324	57.400	ug/l #	16
84) 1,2,4-Trimethylbenzene	11.80	105	2019	0.209	ug/l	92
95) Naphthalene	13.83	128	3277	0.272	ug/l #	95

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

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Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010513.D

Acq: 28 Jun 2019 02:37

Instrument :

MSVOA_X

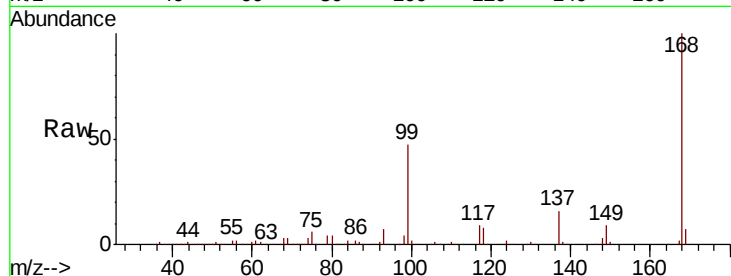
ClientSampleId :

Tot Ion:168 Resp: 260349

Ion Ratio Lower Upper

168 100

99 46.8 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

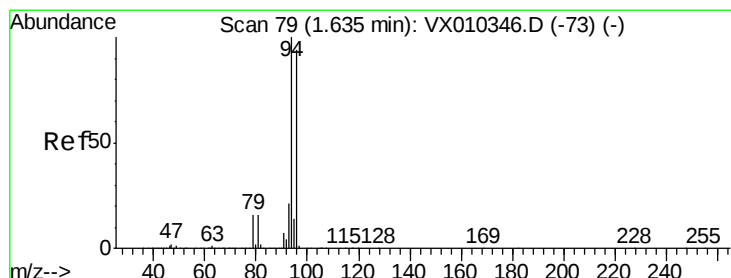
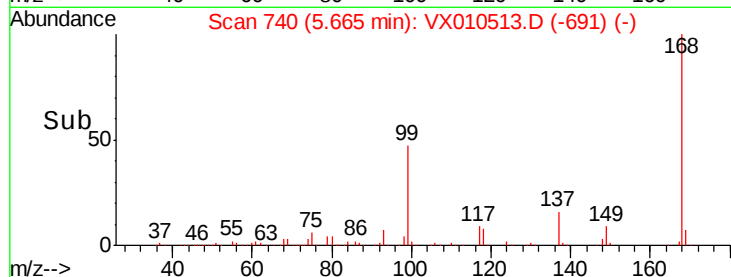
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 0.373 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX010513.D

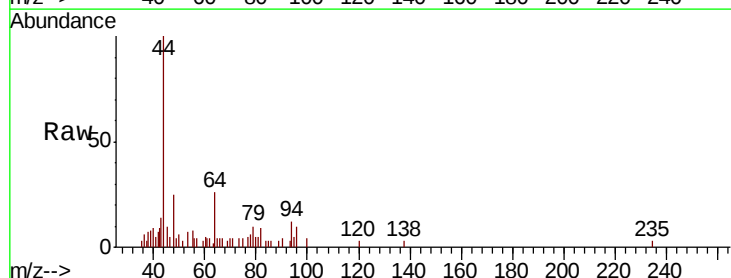
Acq: 28 Jun 2019 02:37

Tgt Ion: 94 Resp: 419

Ion Ratio Lower Upper

94 100

96 79.3 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

250

200

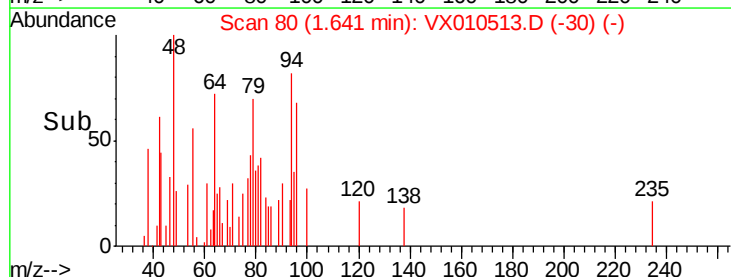
150

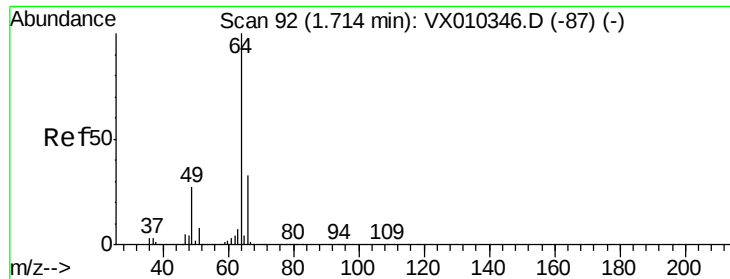
100

50

0

Time--> 1.62 1.64 1.66 1.68





#6

Chloroethane

Concen: 0.351 ug/l

RT: 1.73 min Scan# 95

Delta R.T. 0.02 min

Lab File: VX010513.D

Acq: 28 Jun 2019 02:37

Instrument :

MSVOA_X

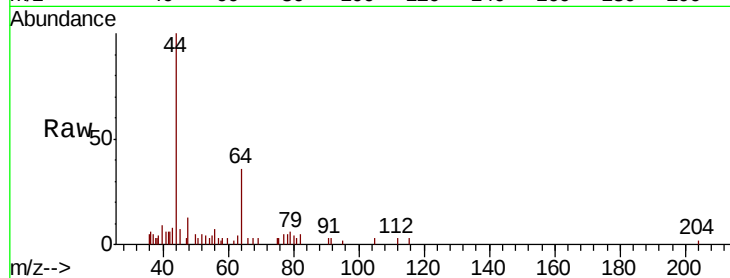
ClientSampleId :

Tot Ion: 64 Resp: 478

Ion Ratio Lower Upper

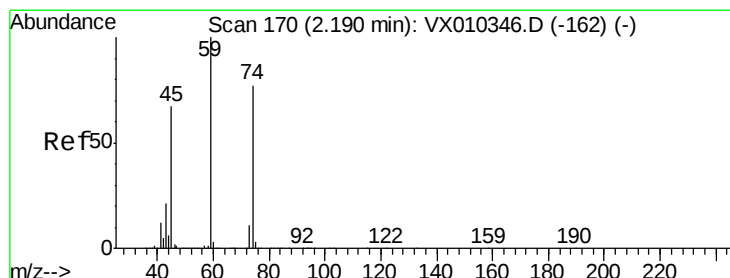
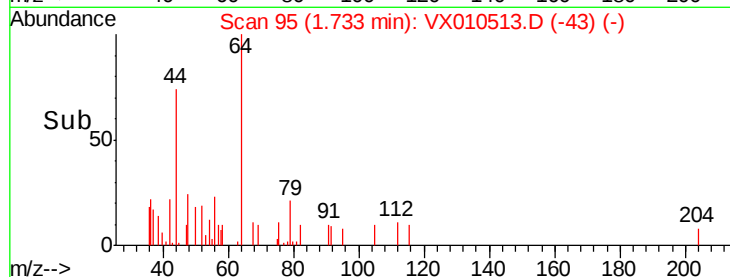
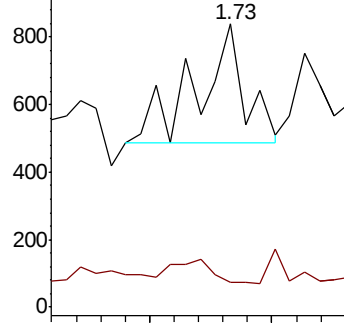
64 100

66 0.0 26.6 40.0#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



#8

Diethyl Ether

Concen: 0.202 ug/l

RT: 2.18 min Scan# 169

Delta R.T. -0.01 min

Lab File: VX010513.D

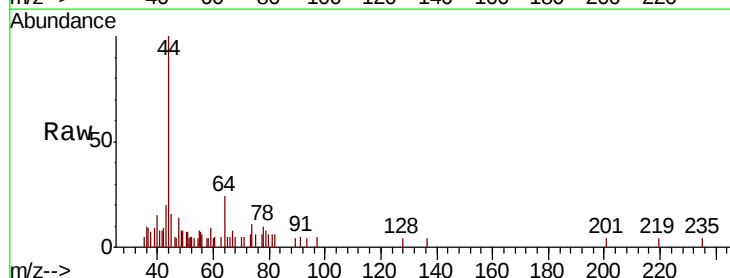
Acq: 28 Jun 2019 02:37

Tgt Ion: 74 Resp: 265

Ion Ratio Lower Upper

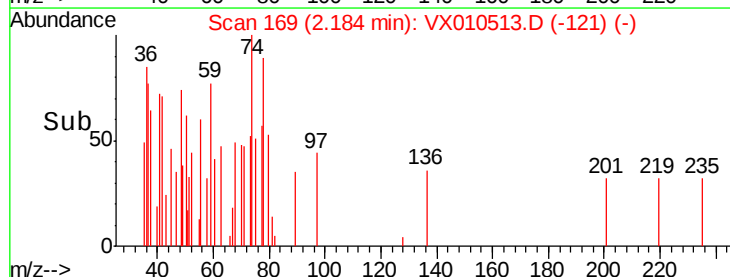
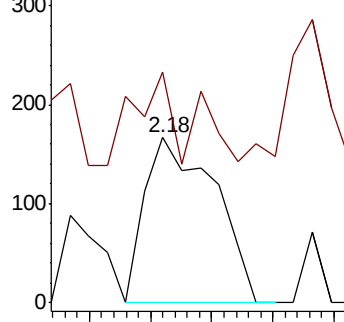
74 100

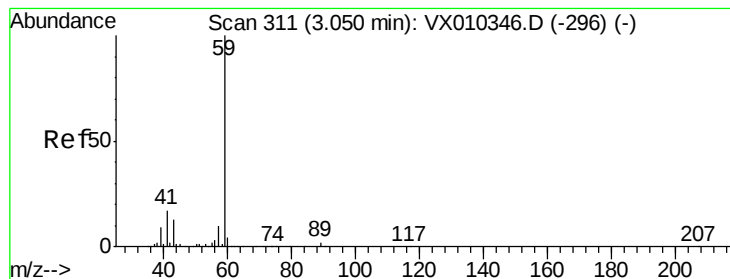
45 29.8 44.8 134.4#



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



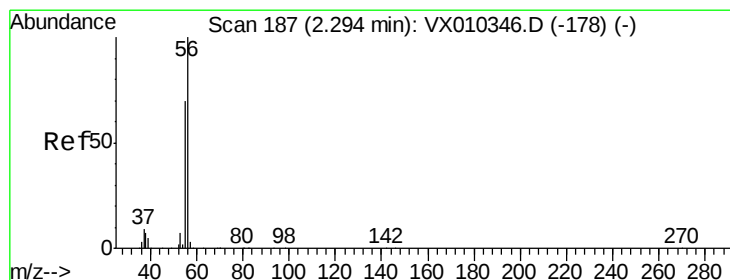
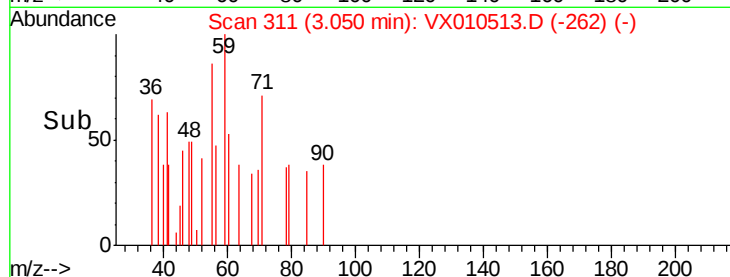
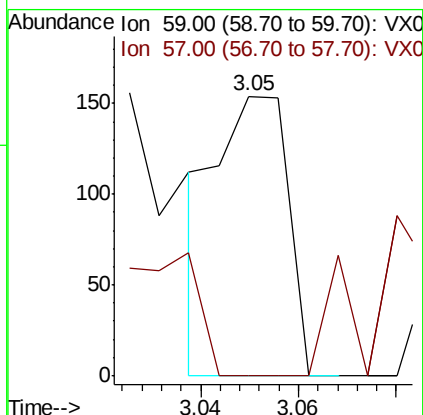
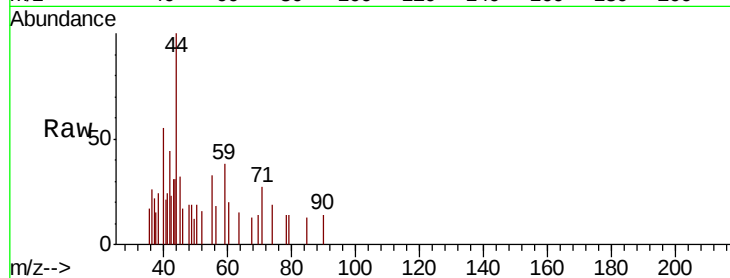


#11

Tert butyl alcohol
Concen: 0.243 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.00 min
Lab File: VX010513.D
Acq: 28 Jun 2019 02:37

Instrument :
MSVOA_X
ClientSampleId :

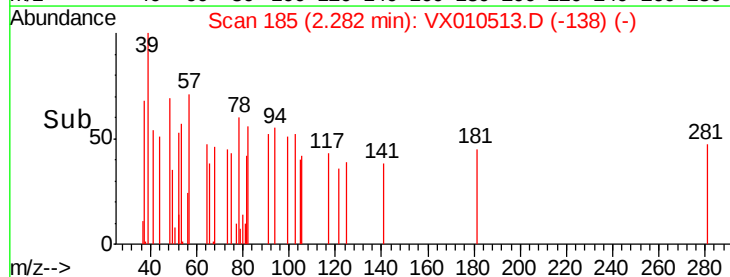
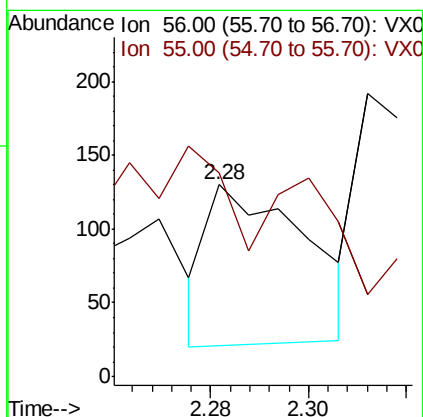
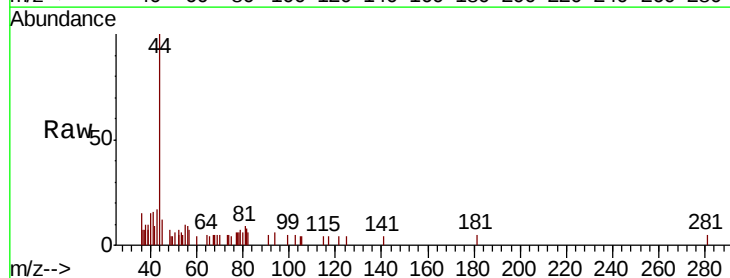
Tot Ion: 59 Resp: 155
Ion Ratio Lower Upper
59 100
57 43.9 7.7 11.5#

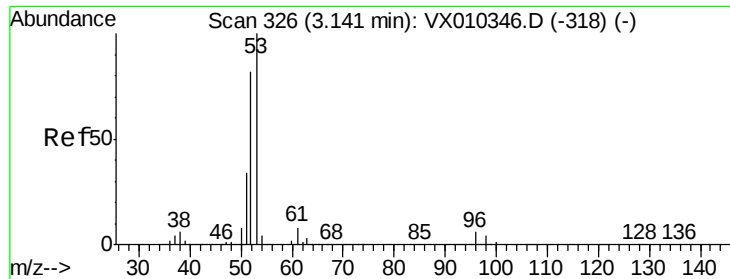


#13

Acrolein
Concen: 0.356 ug/l
RT: 2.28 min Scan# 185
Delta R.T. -0.01 min
Lab File: VX010513.D
Acq: 28 Jun 2019 02:37

Tgt Ion: 56 Resp: 151
Ion Ratio Lower Upper
56 100
55 68.2 56.9 85.3





#15

Acrylonitrile

Concen: 0.204 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX010513.D

Acq: 28 Jun 2019 02:37

Instrument :
MSVOA_X
ClientSampled :

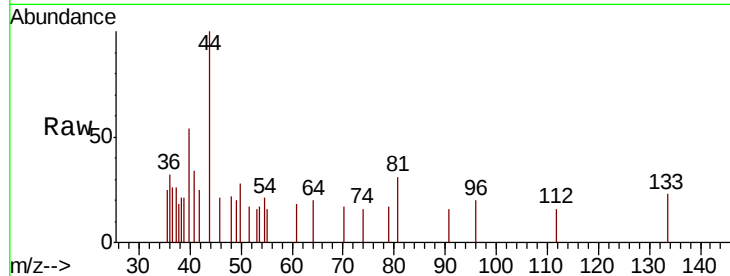
Tot Ion: 53 Resp: 258

Ion Ratio Lower Upper

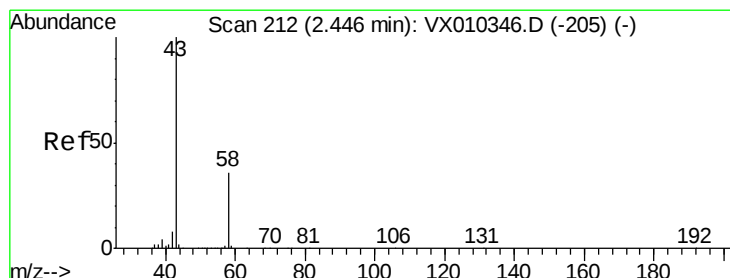
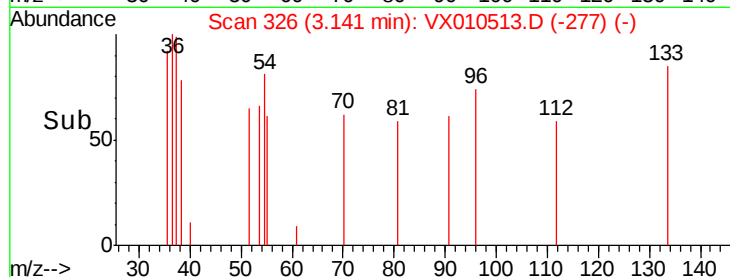
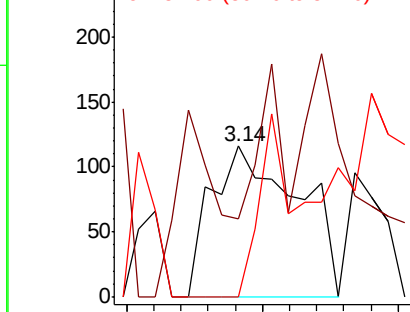
53 100

52 48.8 65.5 98.3#

51 0.0 28.2 42.4#



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 6.562 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010513.D

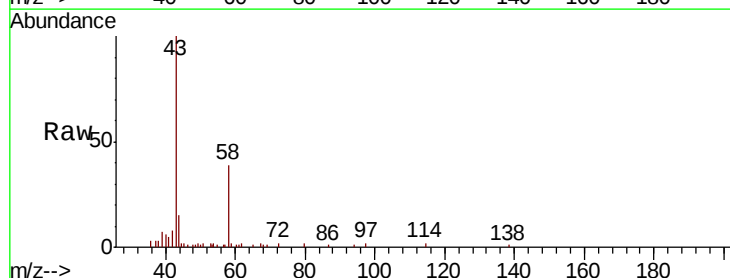
Acq: 28 Jun 2019 02:37

Tgt Ion: 43 Resp: 8028

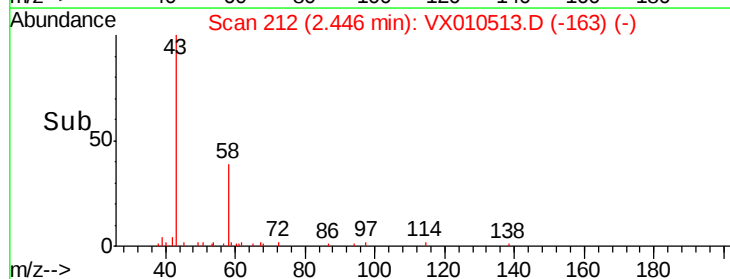
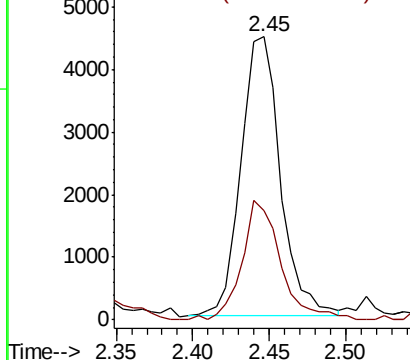
Ion Ratio Lower Upper

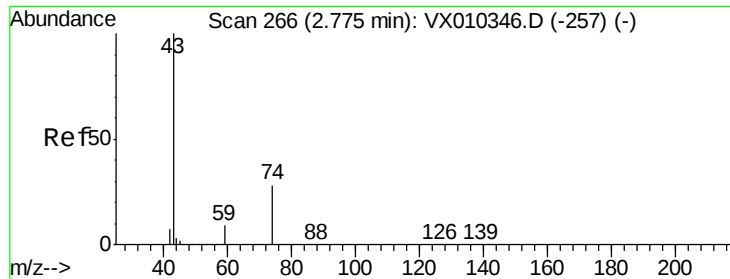
43 100

58 39.3 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

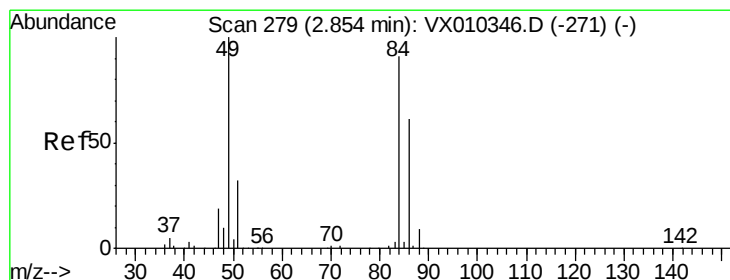
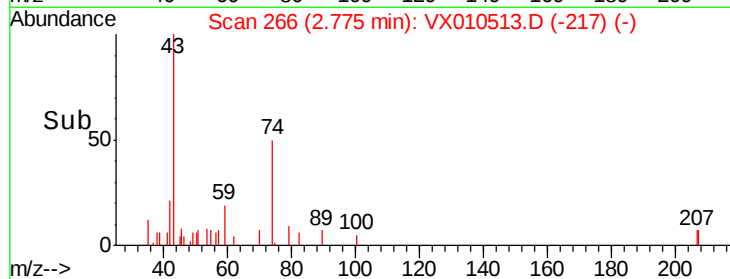
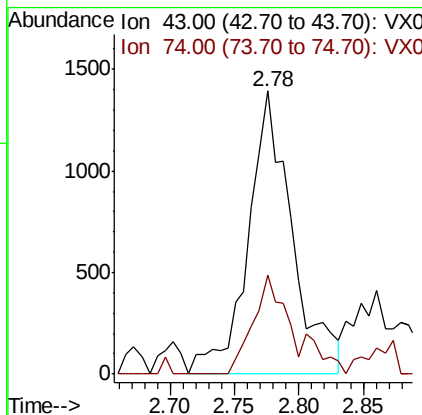
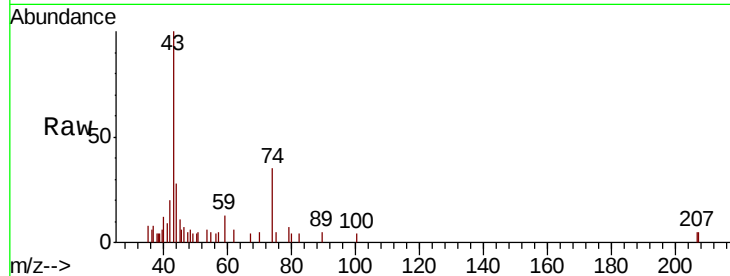




#18
Methvl Acetate
Concen: 1.355 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX010513.D
Acq: 28 Jun 2019 02:37

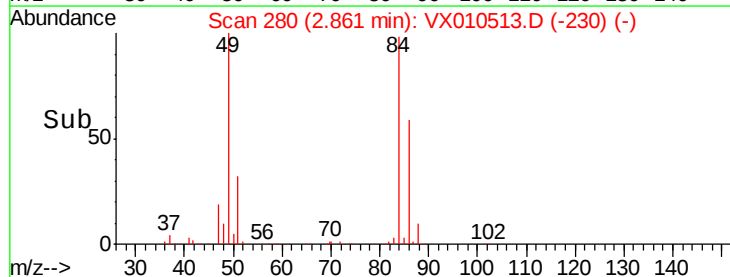
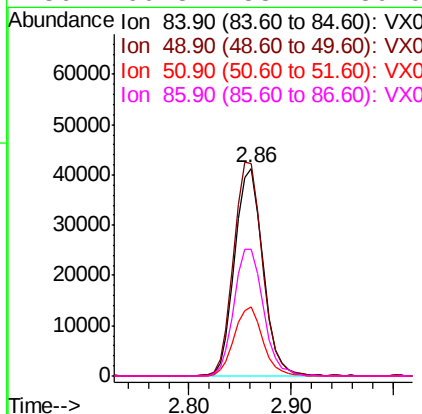
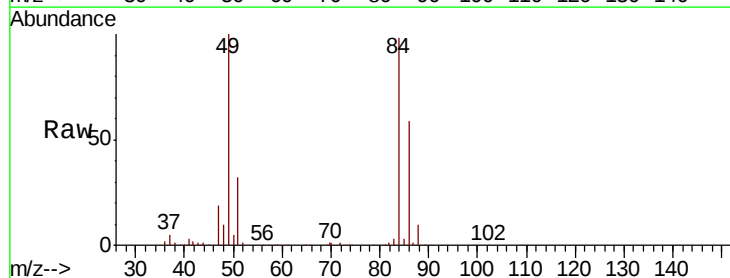
Instrument :
MSVOA_X
ClientSampleId :

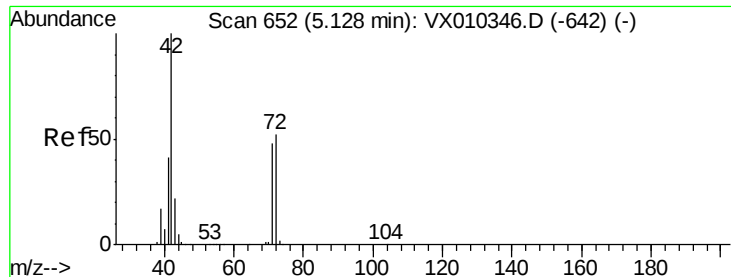
Tot Ion: 43 Resp: 3303
Ion Ratio Lower Upper
43 100
74 25.5 21.3 31.9



#20
Methylene Chloride
Concen: 31.604 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX010513.D
Acq: 28 Jun 2019 02:37

Tgt Ion: 84 Resp: 79567
Ion Ratio Lower Upper
84 100
49 102.1 87.5 131.3
51 33.0 27.7 41.5
86 60.8 53.4 80.0

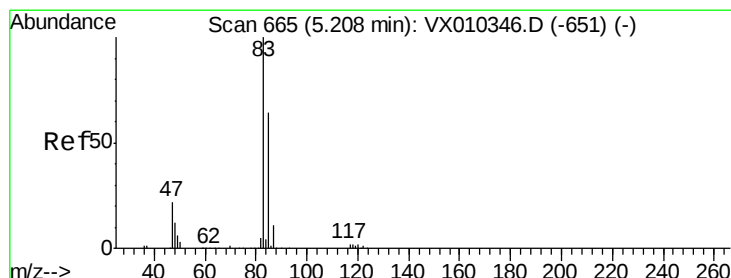
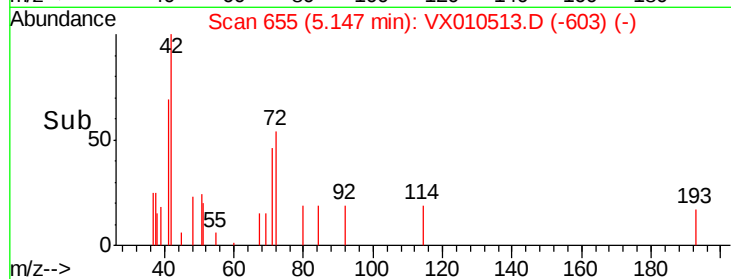
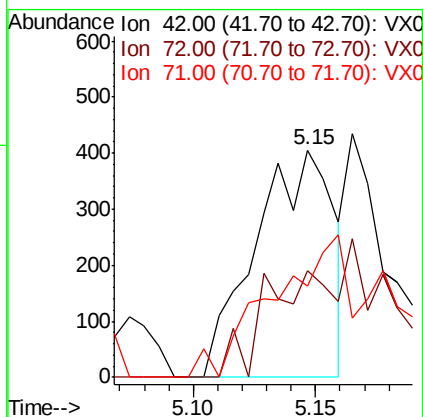
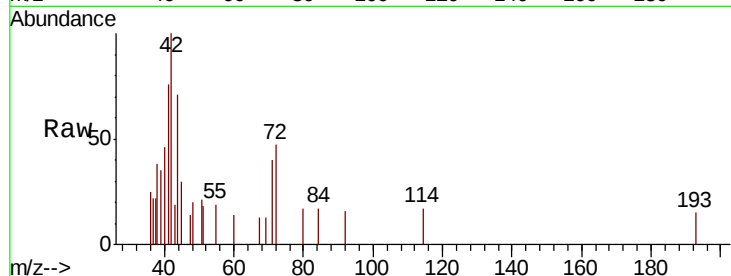




#29
Tetrahydrofuran
Concen: 0.807 ug/l
RT: 5.15 min Scan# 655
Delta R.T. 0.02 min
Lab File: VX010513.D
Acq: 28 Jun 2019 02:37

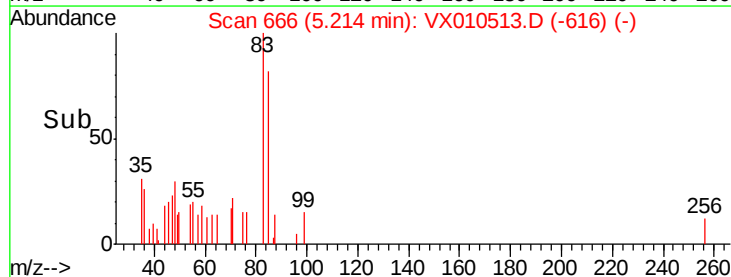
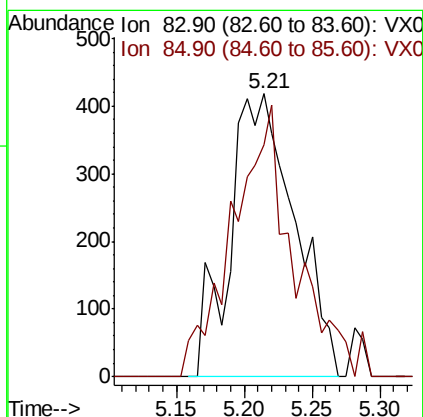
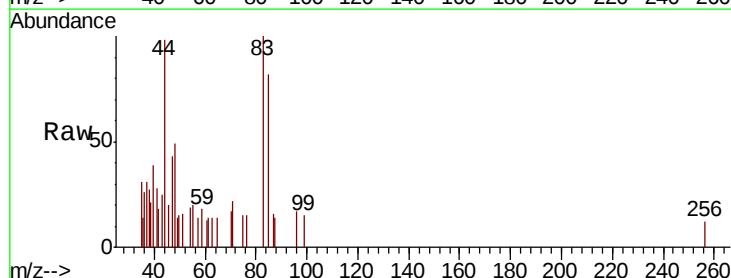
Instrument :
MSVOA_X
ClientSampled :

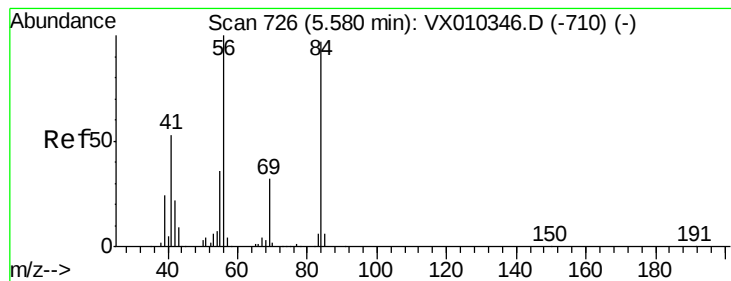
Tot Ion: 42 Resp: 897
Ion Ratio Lower Upper
42 100
72 42.0 40.6 60.8
71 65.3 37.8 56.8#



#30
Chloroform
Concen: 0.334 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.01 min
Lab File: VX010513.D
Acq: 28 Jun 2019 02:37

Tgt Ion: 83 Resp: 1393
Ion Ratio Lower Upper
83 100
85 69.1 50.9 76.3





#31

Cyclohexane

Concen: 1.258 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.07 min

Lab File: VX010513.D

Acq: 28 Jun 2019 02:37

Instrument :

MSVOA_X

ClientSampleId :

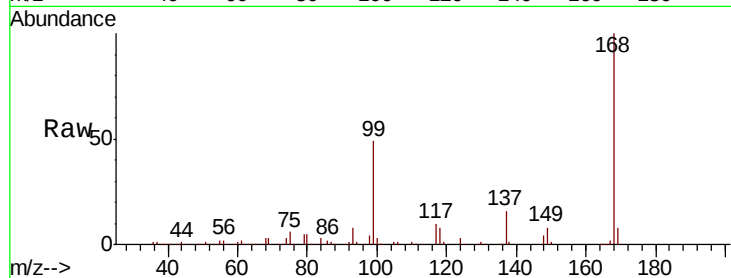
Tot Ion: 56 Resp: 4437

Ion Ratio Lower Upper

56 100

69 153.6 25.9 38.9#

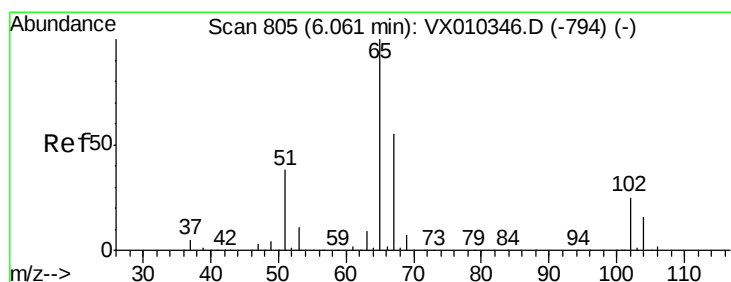
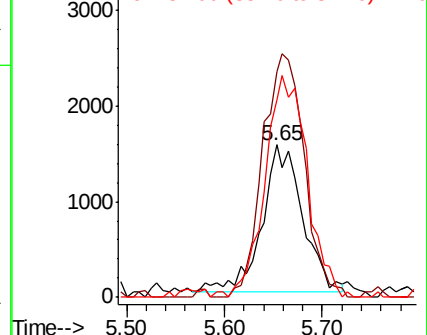
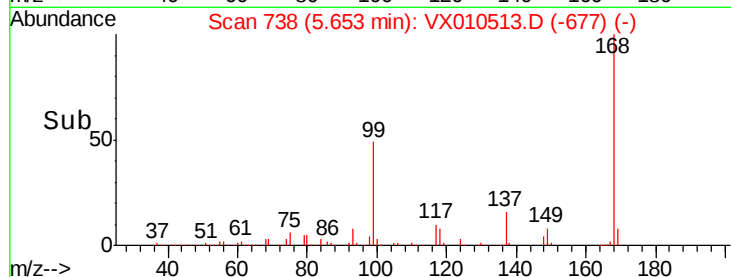
84 134.9 78.0 117.0#



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: 50.109 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010513.D

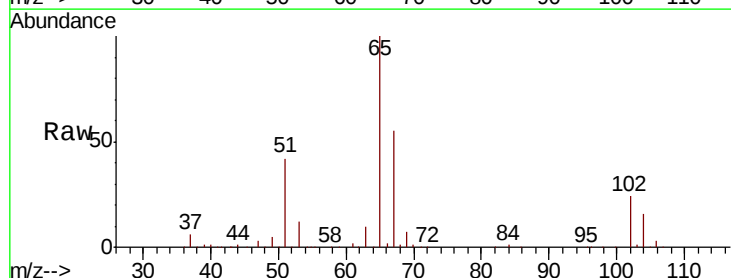
Acq: 28 Jun 2019 02:37

Tgt Ion: 65 Resp: 122317

Ion Ratio Lower Upper

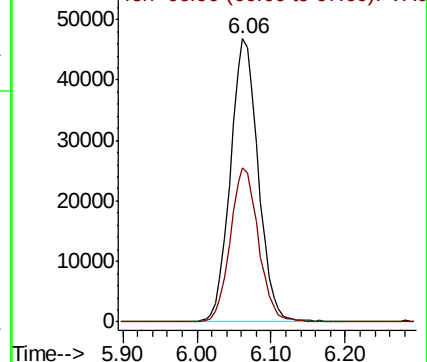
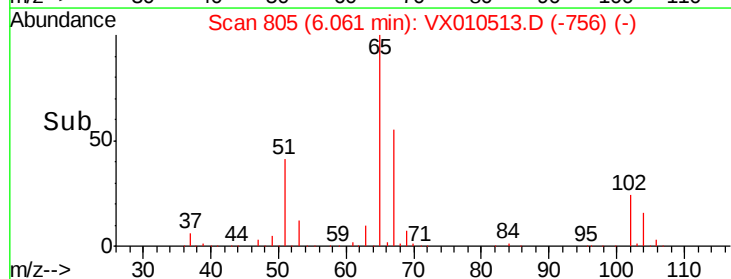
65 100

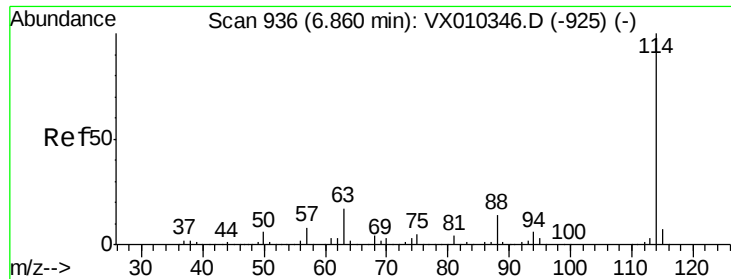
67 55.1 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

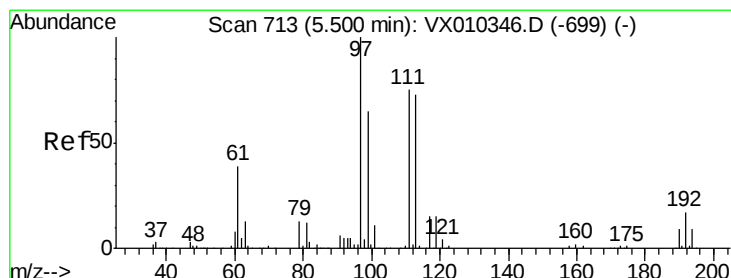
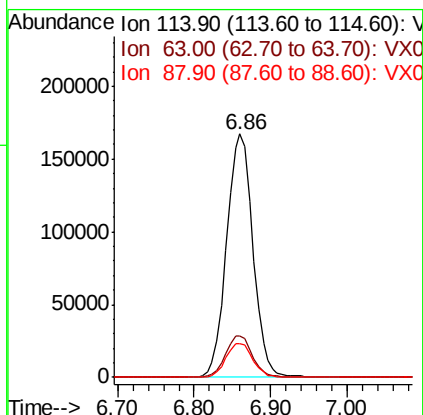
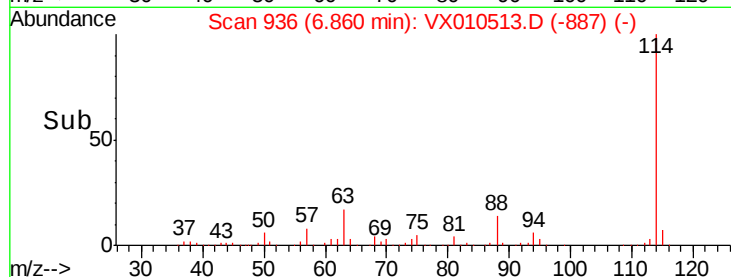
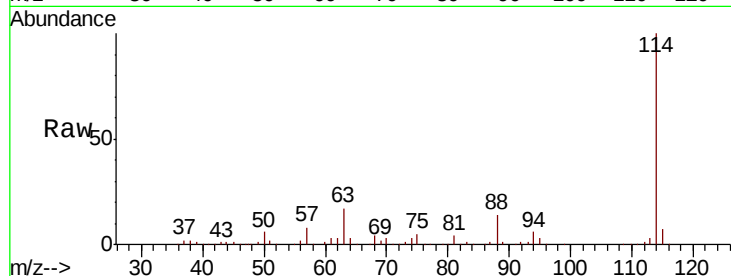




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX010513.D
Acq: 28 Jun 2019 02:37

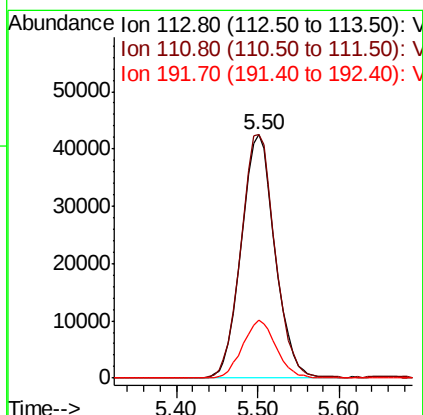
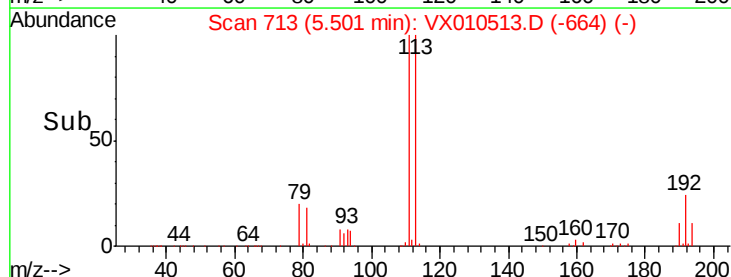
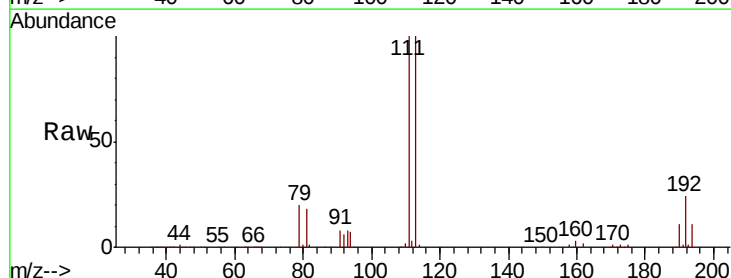
Instrument :
MSVOA_X
ClientSampleId :

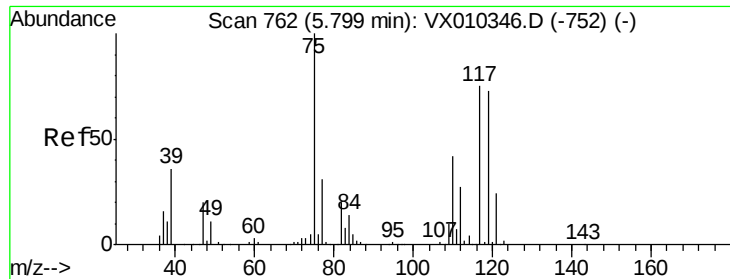
Tot Ion:114 Resp: 397113
Ion Ratio Lower Upper
114 100
63 17.2 0.0 33.8
88 13.9 0.0 27.6



#35
Dibromofluoromethane
Concen: 50.143 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX010513.D
Acq: 28 Jun 2019 02:37

Tgt Ion:113 Resp: 121832
Ion Ratio Lower Upper
113 100
111 101.3 81.2 121.8
192 23.6 18.6 27.8

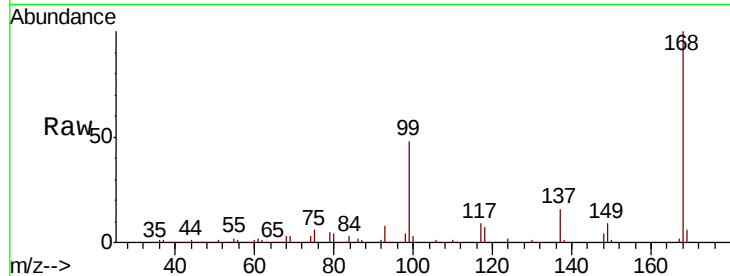




#36
 1,1-Dichloropropene
 Concen: 4.945 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX010513.D
 Acq: 28 Jun 2019 02:37

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
75	100		
110	0.0	20.8	62.2#
77	0.2	25.4	38.0#

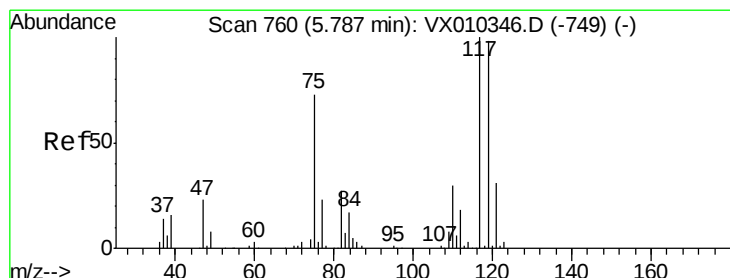
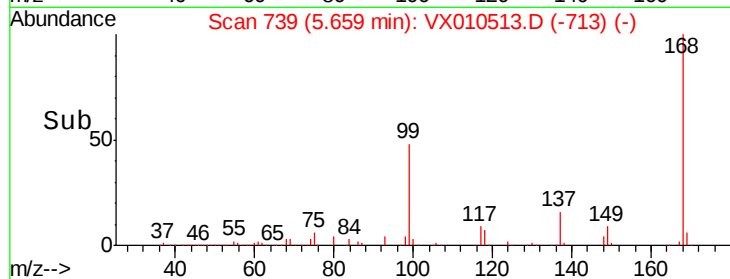
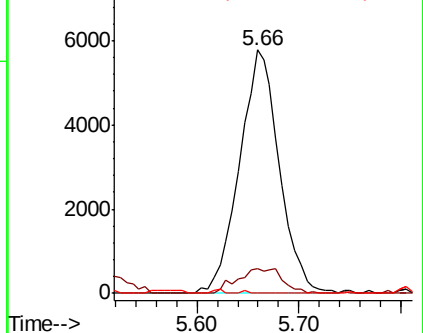


Abundance

Ion 74.90 (74.60 to 75.60): VX0

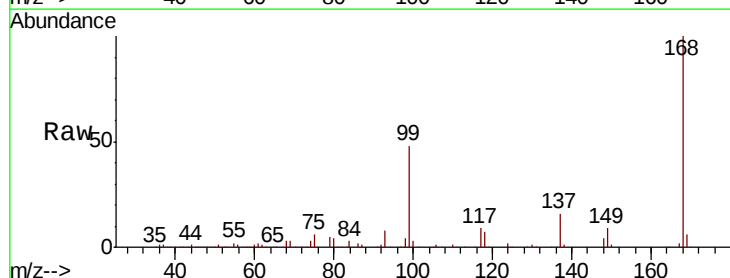
Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0



#38
 Carbon Tetrachloride
 Concen: 6.699 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.13 min
 Lab File: VX010513.D
 Acq: 28 Jun 2019 02:37

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.0	78.2	117.4#
121	0.0	24.7	37.1#

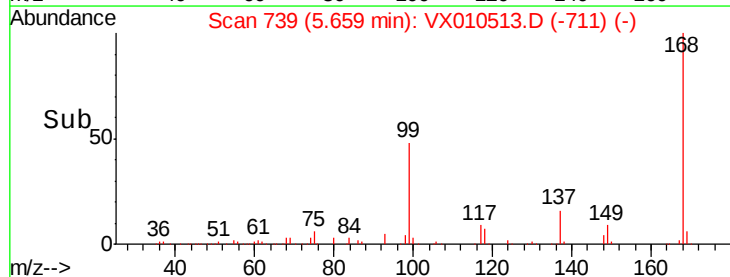
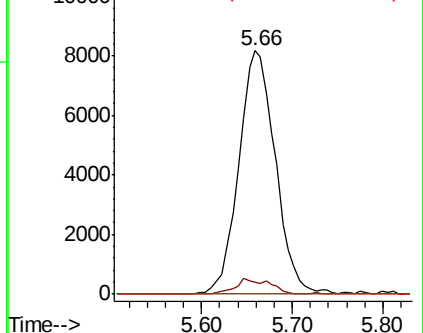


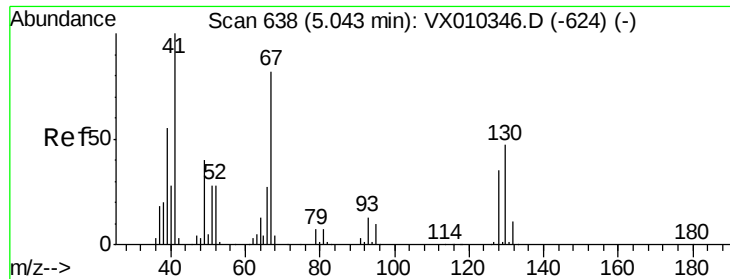
Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#41

Methacrylonitrile

Concen: 0.213 ug/l

RT: 5.03 min Scan# 636

Delta R.T. -0.01 min

Lab File: VX010513.D

Acq: 28 Jun 2019 02:37

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 41 Resp: 380

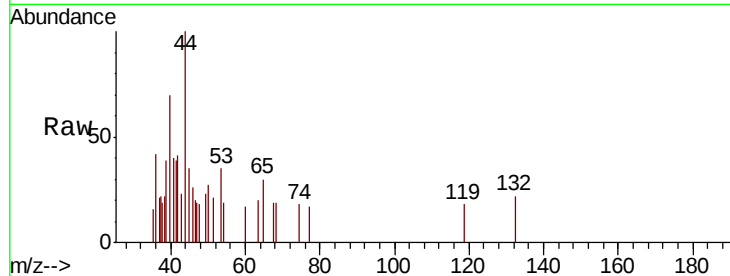
Ion Ratio Lower Upper

41 100

39 19.7 43.8 65.8#

67 11.1 66.6 100.0#

52 0.0 24.5 36.7#

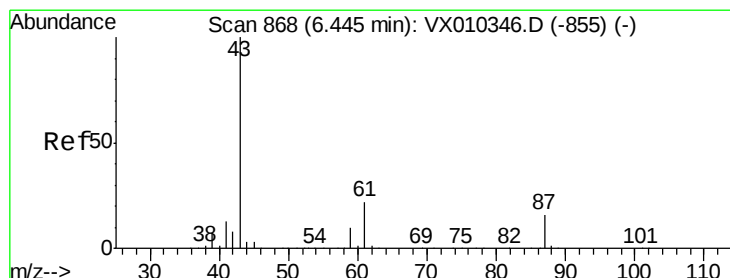
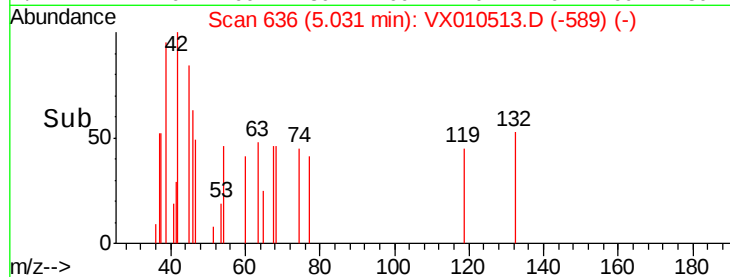
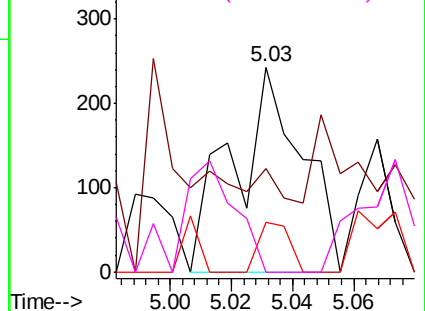


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#43

Isopropyl Acetate

Concen: 1.993 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX010513.D

Acq: 28 Jun 2019 02:37

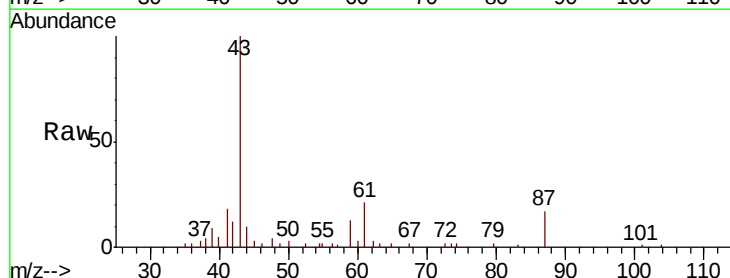
Tgt Ion: 43 Resp: 10706

Ion Ratio Lower Upper

43 100

61 20.0 17.8 26.6

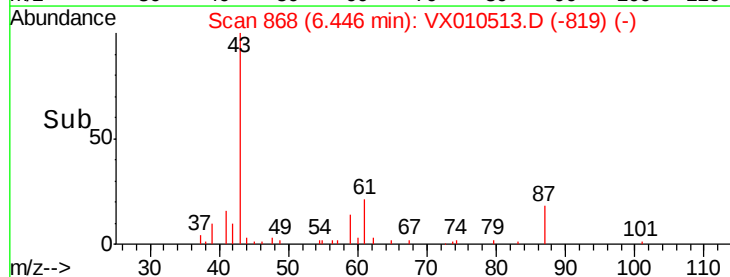
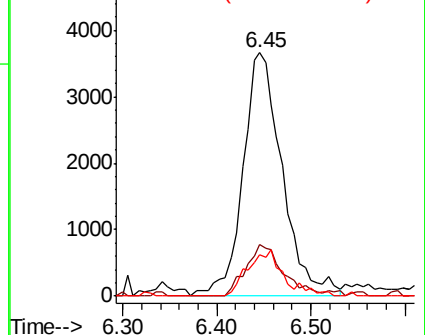
87 15.6 13.0 19.4

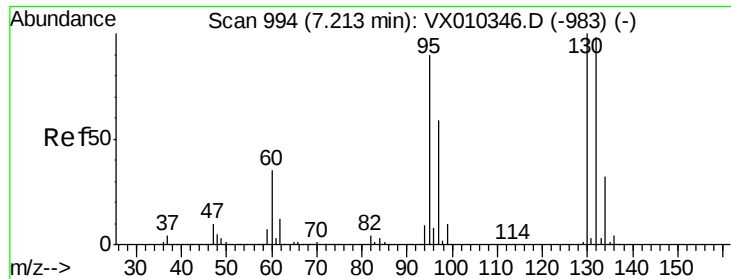


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#44

Trichloroethene

Concen: 0.201 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX010513.D

Acq: 28 Jun 2019 02:37

Instrument :

MSVOA_X

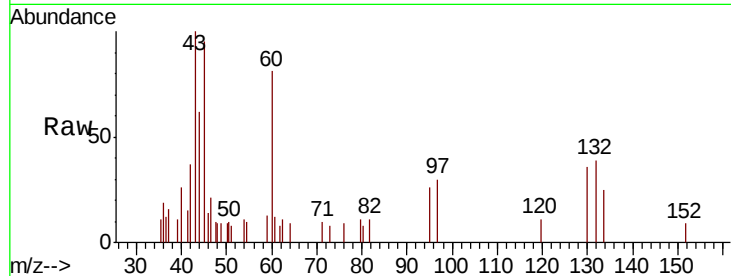
ClientSampled :

Tot Ion:130 Resp: 590

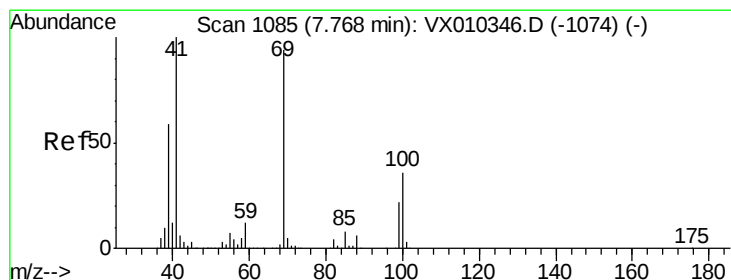
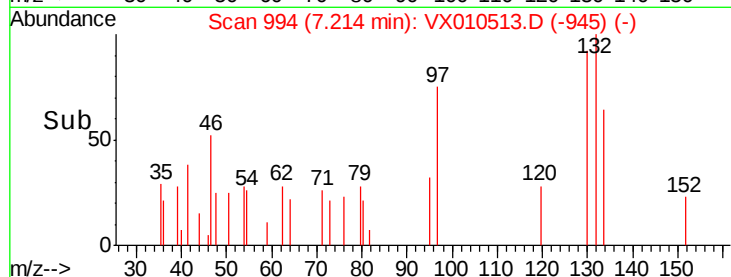
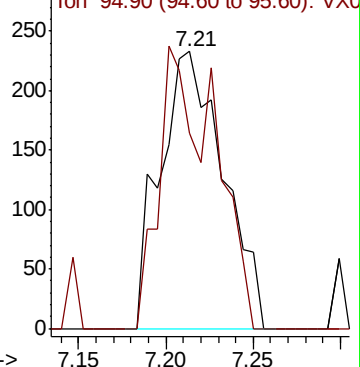
Ion Ratio Lower Upper

130 100

95 70.4 0.0 180.8



Abundance Ion 129.80 (129.50 to 130.50): V



#48

Methyl methacrylate

Concen: 2.507 ug/l

RT: 7.68 min Scan# 1070

Delta R.T. -0.09 min

Lab File: VX010513.D

Acq: 28 Jun 2019 02:37

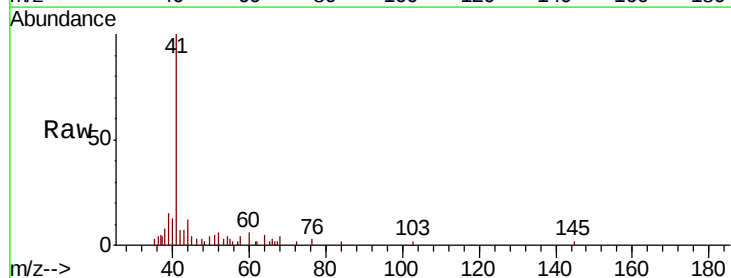
Tgt Ion: 41 Resp: 6258

Ion Ratio Lower Upper

41 100

69 0.0 76.1 114.1#

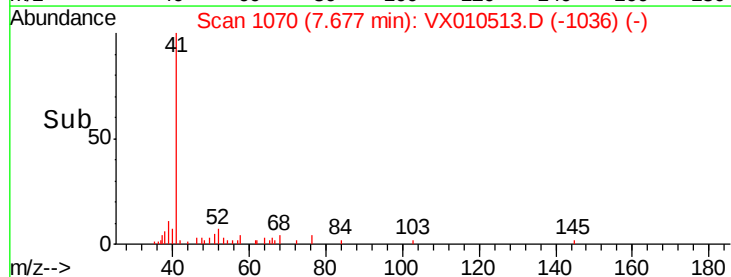
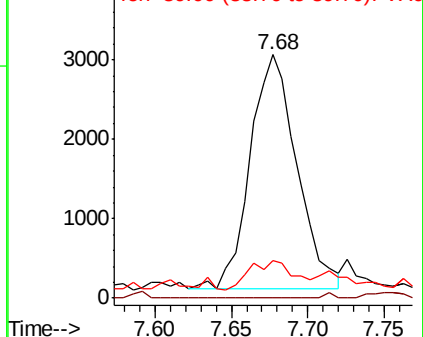
39 0.0 47.6 71.4#

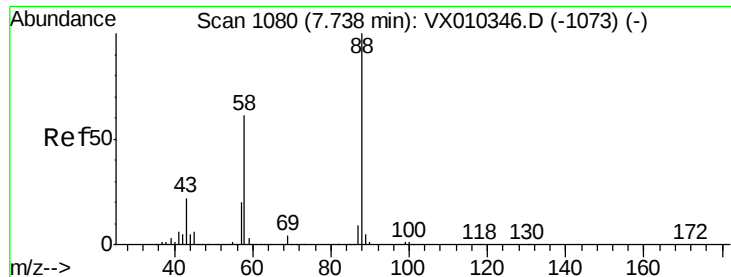


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

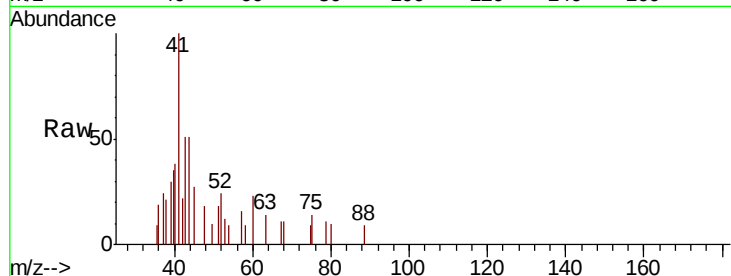




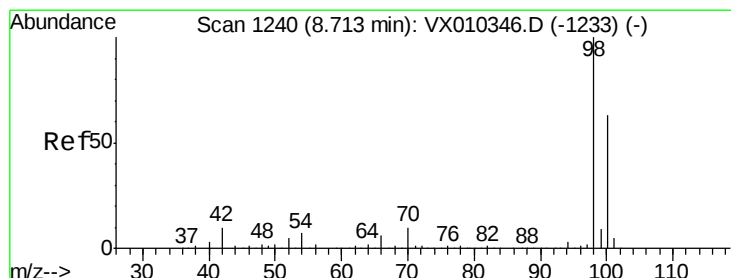
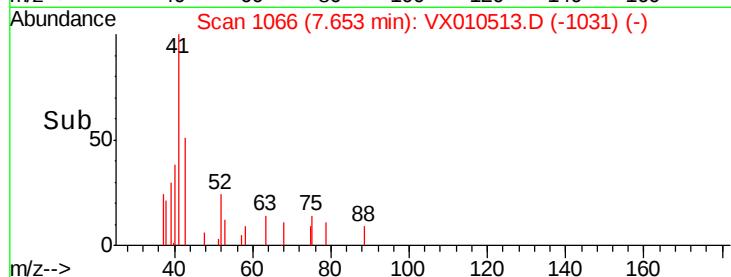
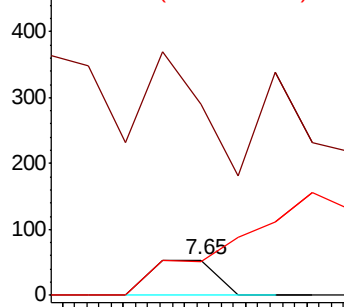
#49
1,4-Dioxane
Concen: 0.542 ug/l
RT: 7.65 min Scan# 1066
Delta R.T. -0.09 min
Lab File: VX010513.D
Acq: 28 Jun 2019 02:37

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 88 Resp: 39
Ion Ratio Lower Upper
88 100
43 0.0 20.2 30.2#
58 602.6 49.5 74.3#

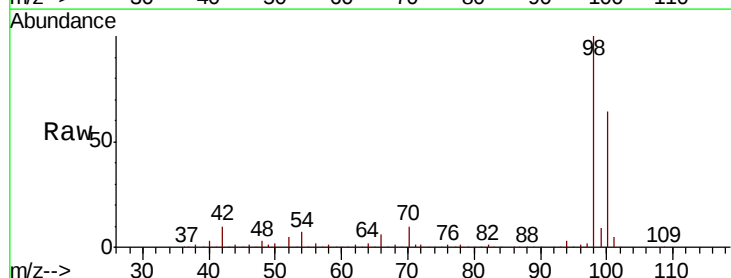


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

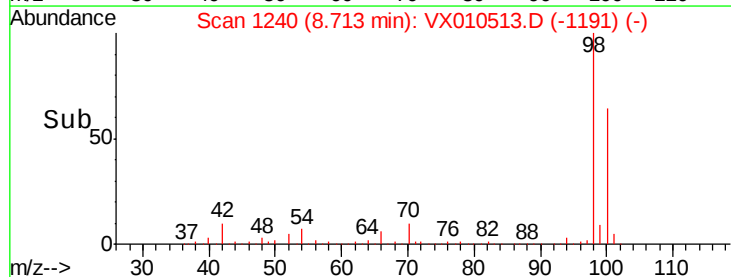
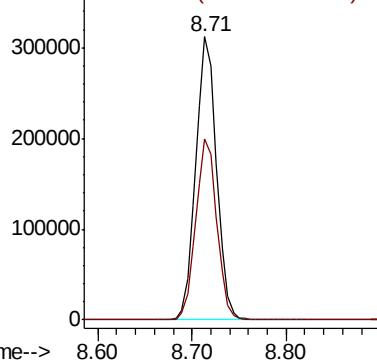


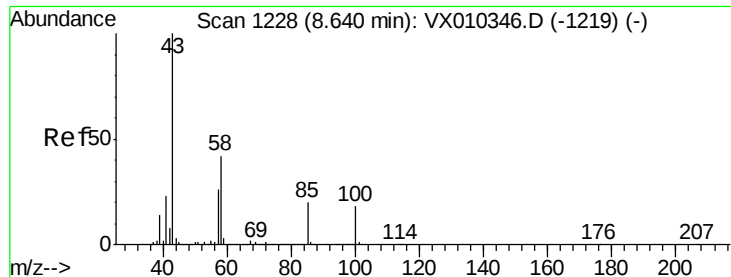
#50
Toluene-d8
Concen: 51.519 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010513.D
Acq: 28 Jun 2019 02:37

Tgt Ion: 98 Resp: 478890
Ion Ratio Lower Upper
98 100
100 64.2 51.6 77.4



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: 21.443 ug/l

RT: 8.61 min Scan# 1223

Delta R.T. -0.03 min

Lab File: VX010513.D

Acq: 28 Jun 2019 02:37

Instrument :

MSVOA_X

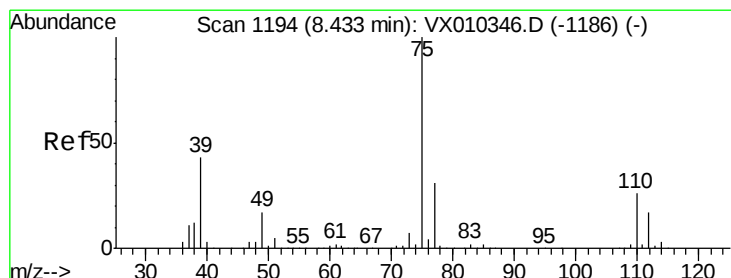
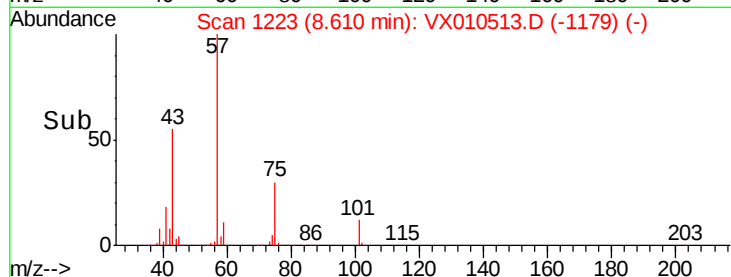
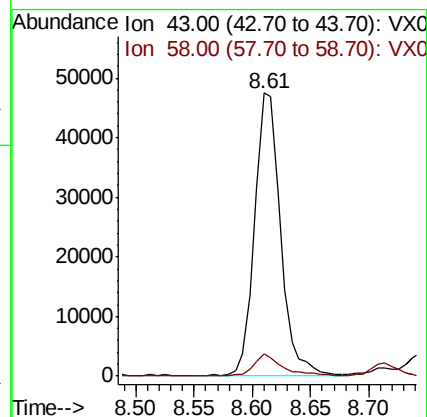
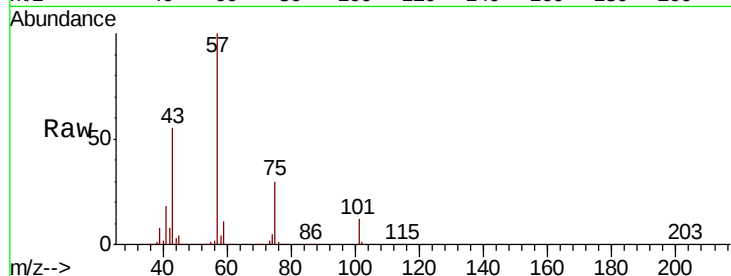
ClientSampleId :

Tot Ion: 43 Resp: 73662

Ion Ratio Lower Upper

43 100

58 8.7 33.5 50.3#



#54

cis-1,3-Dichloropropene

Concen: 10.263 ug/l

RT: 8.62 min Scan# 1224

Delta R.T. 0.18 min

Lab File: VX010513.D

Acq: 28 Jun 2019 02:37

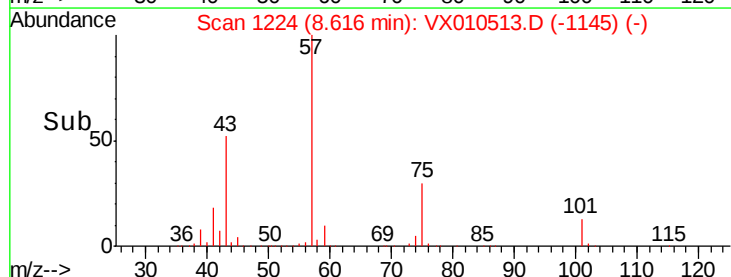
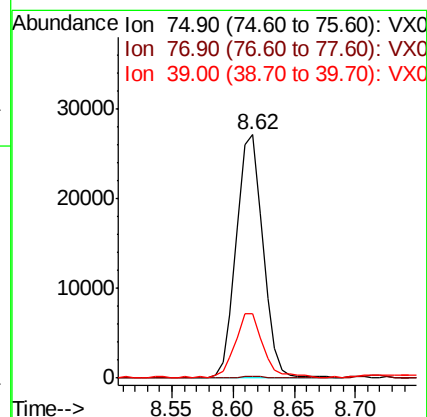
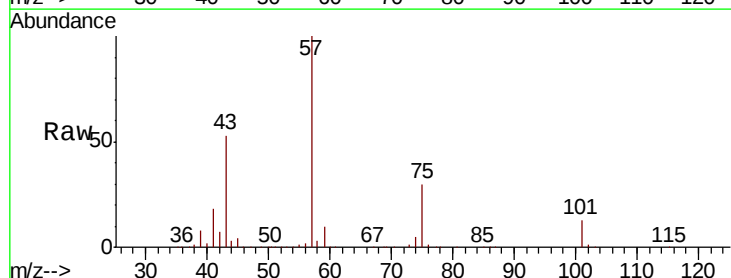
Tgt Ion: 75 Resp: 40817

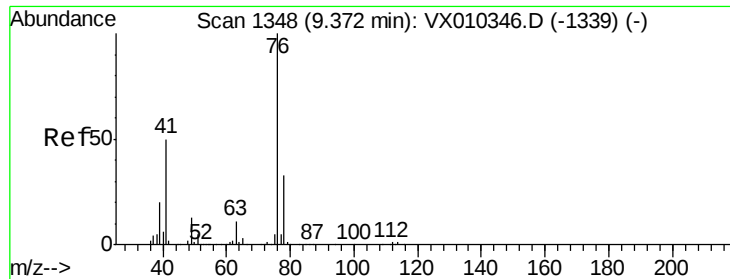
Ion Ratio Lower Upper

75 100

77 0.5 25.2 37.8#

39 26.2 34.5 51.7#





#57

1,3-Dichloropropane

Concen: 2.248 ug/l

RT: 9.54 min Scan# 1376

Delta R.T. 0.17 min

Lab File: VX010513.D

Acq: 28 Jun 2019 02:37

Instrument :

MSVOA_X

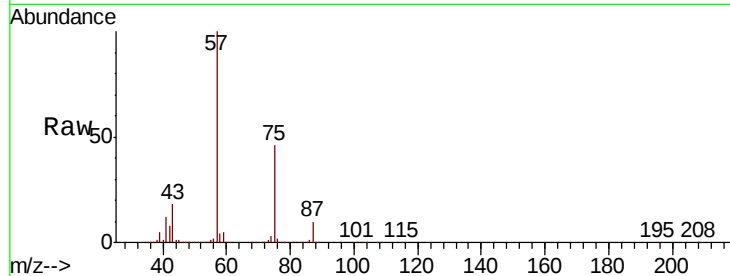
ClientSampleId :

Tot Ion: 76 Resp: 9316

Ion Ratio Lower Upper

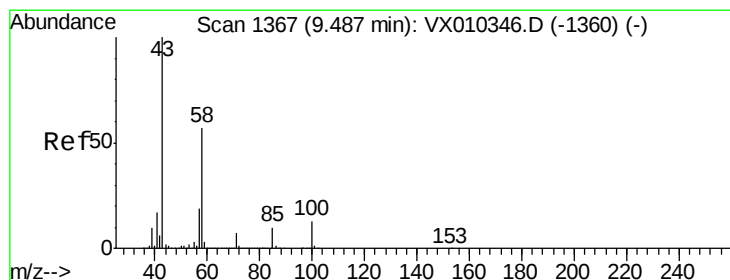
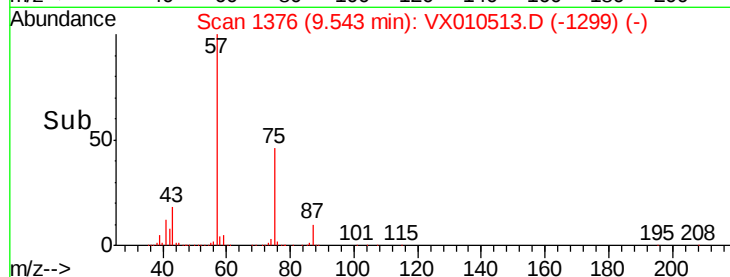
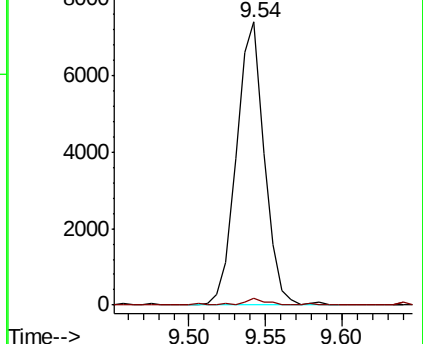
76 100

78 1.8 26.1 39.1#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#59

2-Hexanone

Concen: 3.637 ug/l

RT: 9.44 min Scan# 1359

Delta R.T. -0.05 min

Lab File: VX010513.D

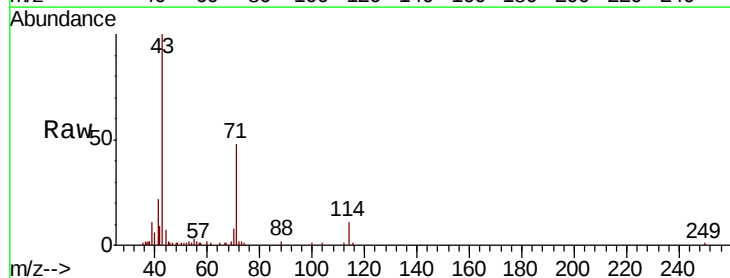
Acq: 28 Jun 2019 02:37

Tgt Ion: 43 Resp: 9834

Ion Ratio Lower Upper

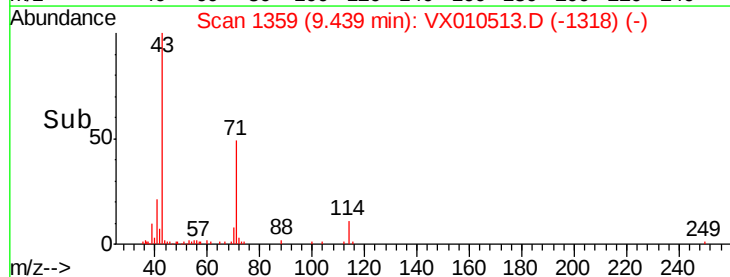
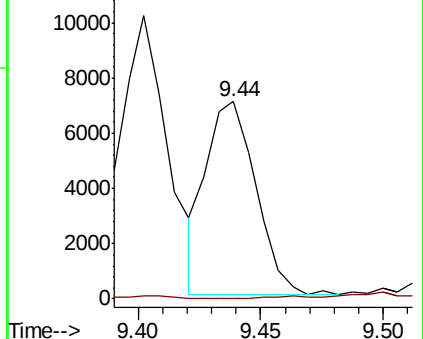
43 100

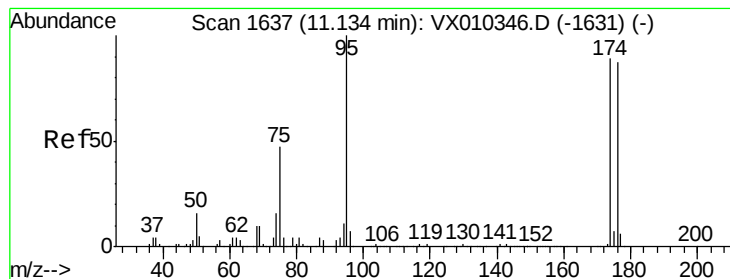
58 0.0 29.0 87.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#62

4-Bromofluorobenzene

Concen: 48.451 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010513.D

Acq: 28 Jun 2019 02:37

Instrument :

MSVOA_X

ClientSampleId :

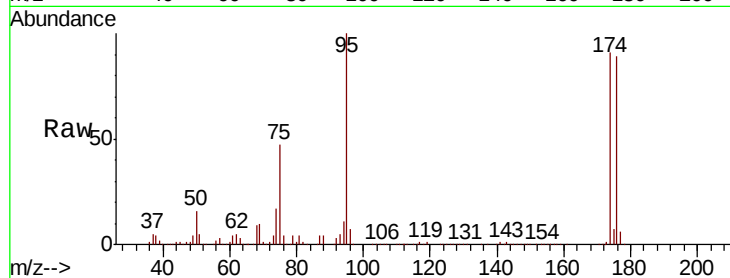
Tot Ion: 95 Resp: 162597

Ion	Ratio	Lower	Upper
95	100		
174	97.5	0.0	187.6
176	94.7	0.0	184.0

95 100

174 97.5 0.0 187.6

176 94.7 0.0 184.0

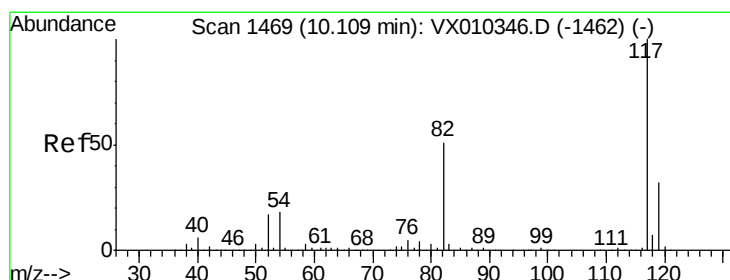
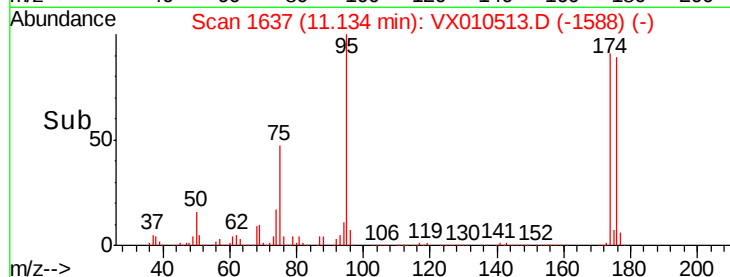


Abundance Ion 94.90 (94.60 to 95.60): VX010513.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX010513.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX010513.D (-1631) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX010513.D

Acq: 28 Jun 2019 02:37

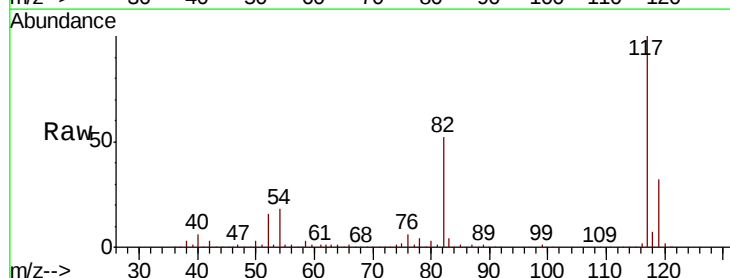
Tgt Ion: 117 Resp: 373868

Ion	Ratio	Lower	Upper
117	100		
82	52.3	41.2	61.8
119	32.2	25.5	38.3

117 100

82 52.3 41.2 61.8

119 32.2 25.5 38.3

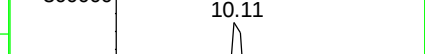
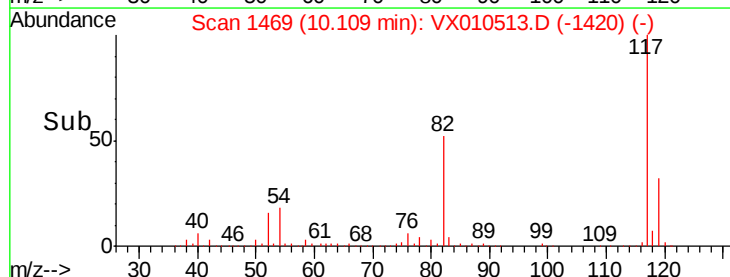


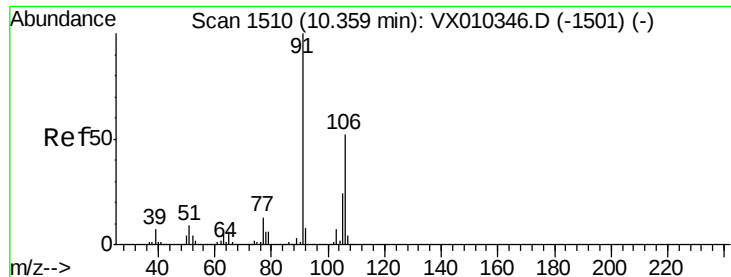
Abundance Ion 116.90 (116.60 to 117.60): VX010513.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX010513.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX010513.D (-1462) (-)

Time-->

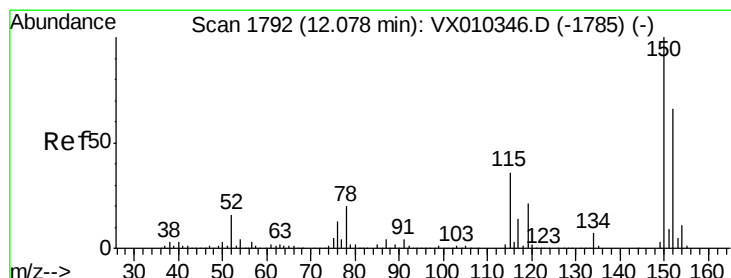
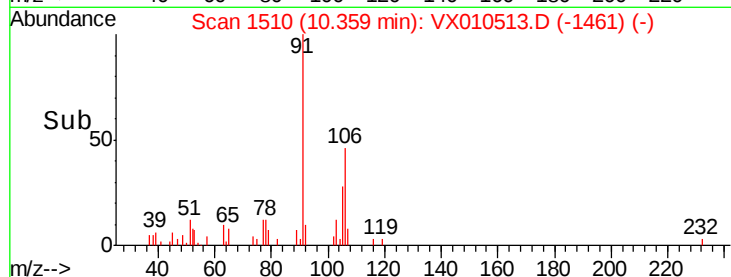
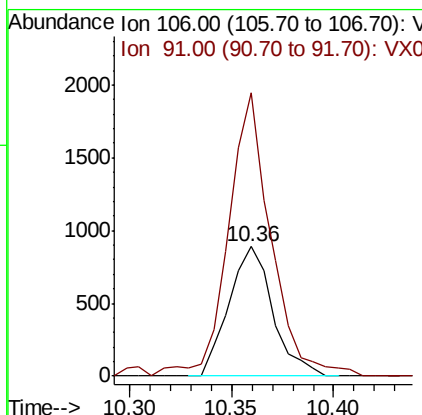
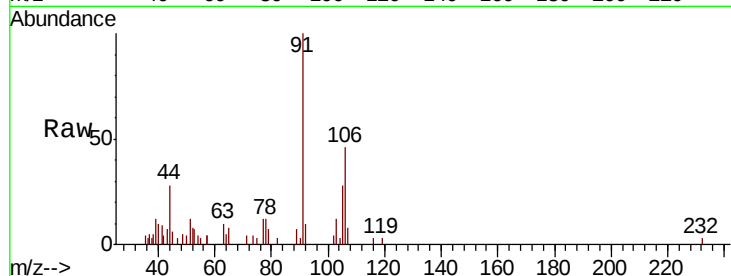




#68
m/p-Xvlenes
Concen: 0.267 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010513.D
Acq: 28 Jun 2019 02:37

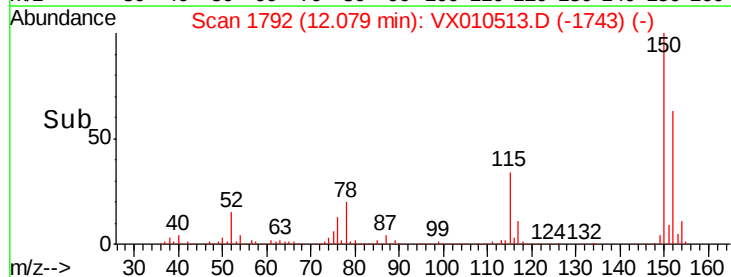
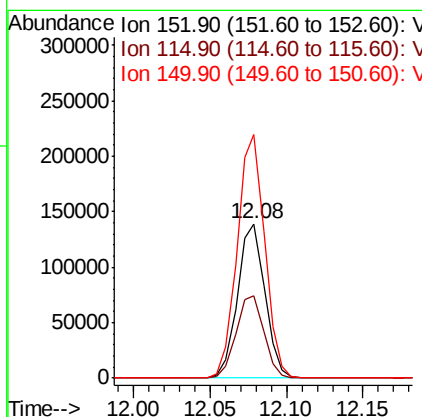
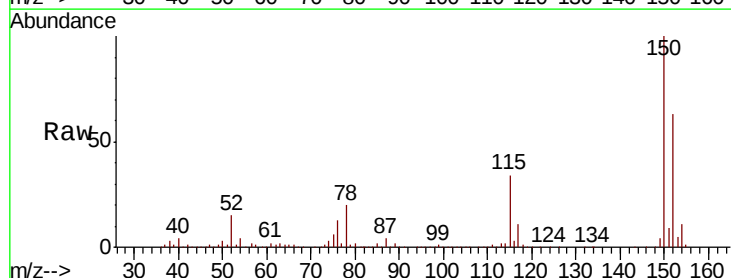
Instrument :
MSVOA_X
ClientSampled :

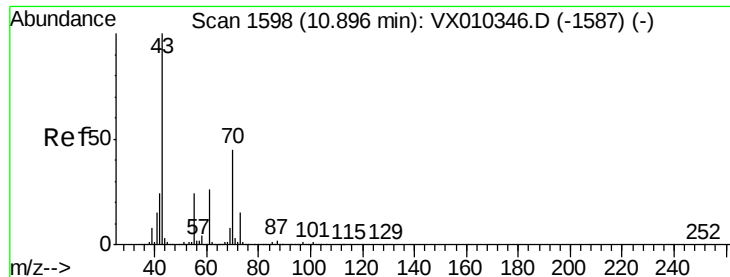
Tot Ion:106 Resp: 1325
Ion Ratio Lower Upper
106 100
91 212.7 155.3 232.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010513.D
Acq: 28 Jun 2019 02:37

Tgt Ion:152 Resp: 172459
Ion Ratio Lower Upper
152 100
115 54.8 38.6 115.7
150 158.5 0.0 347.4





#74

N-amvl acetate

Concen: 2.207 ug/l

RT: 10.69 min Scan# 1565

Delta R.T. -0.20 min

Lab File: VX010513.D

Acq: 28 Jun 2019 02:37

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 43 Resp: 9751

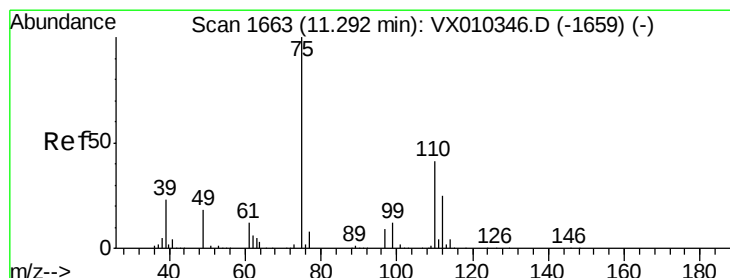
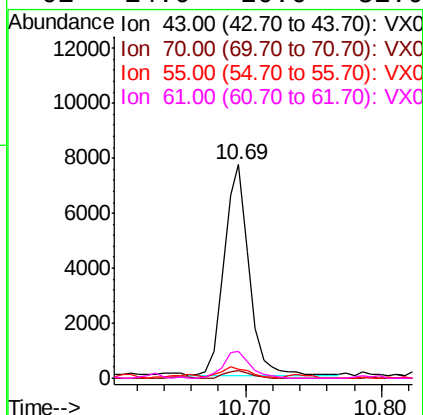
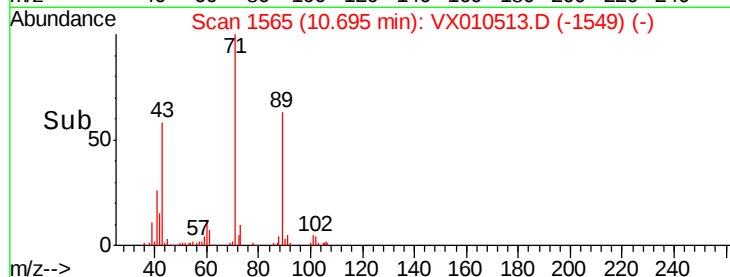
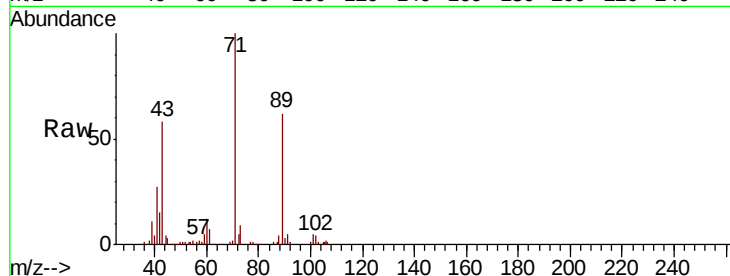
Ion Ratio Lower Upper

43 100

70 3.6 36.6 54.8#

55 6.2 18.7 28.1#

61 14.0 20.6 31.0#



#76

1,2,3-Trichloropropane

Concen: 24.605 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX010513.D

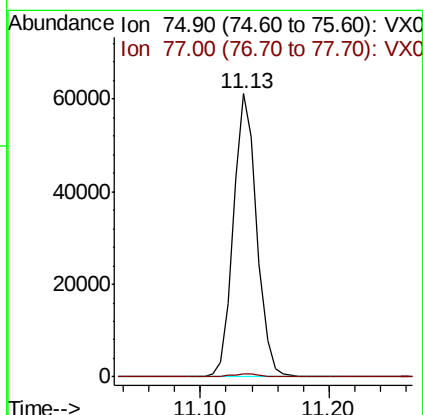
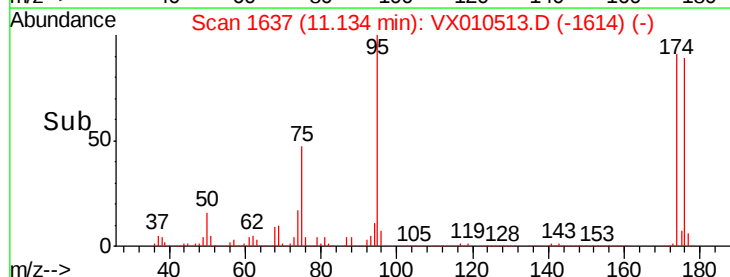
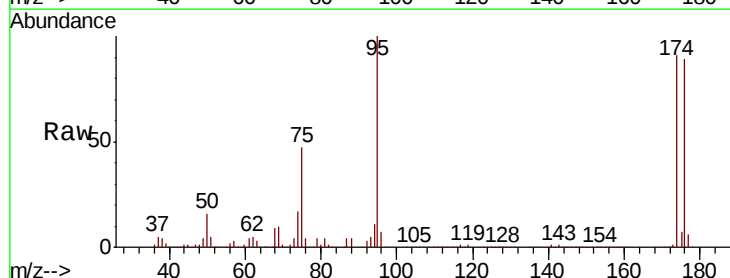
Acq: 28 Jun 2019 02:37

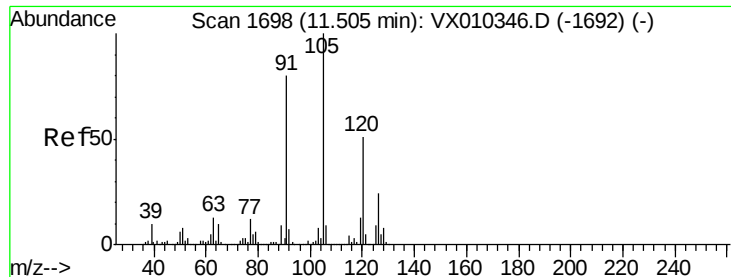
Tgt Ion: 75 Resp: 77324

Ion Ratio Lower Upper

75 100

77 1.2 22.6 67.8#





#80

1,3,5-Trimethylbenzene

Concen: 0.246 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX010513.D

Acq: 28 Jun 2019 02:37

Instrument :

MSVOA_X

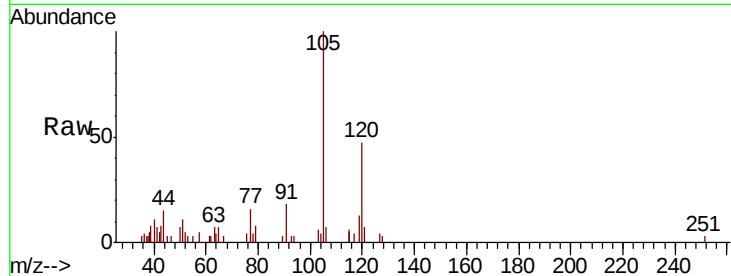
ClientSampleId :

Tot Ion:105 Resp: 2374

Ion Ratio Lower Upper

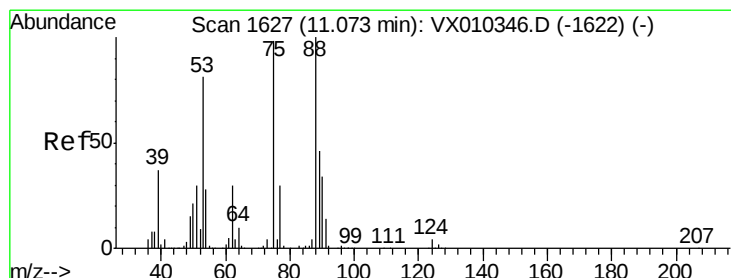
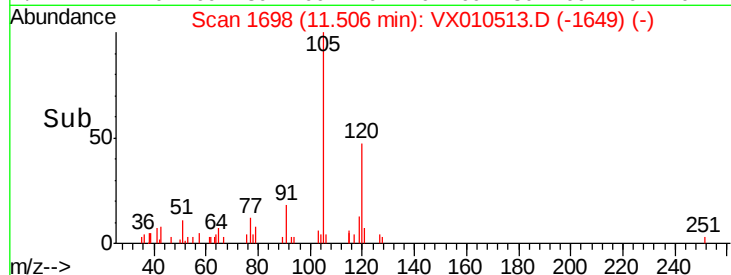
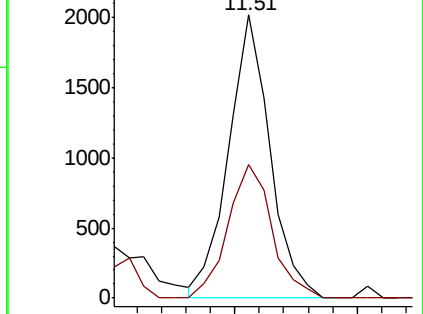
105 100

120 50.3 25.2 75.6



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: 57.400 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX010513.D

Acq: 28 Jun 2019 02:37

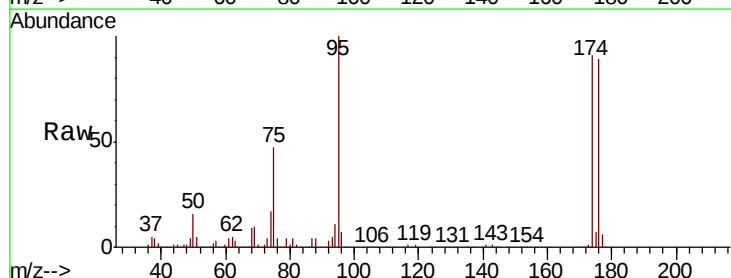
Tgt Ion: 75 Resp: 77324

Ion Ratio Lower Upper

75 100

53 0.1 66.1 99.1#

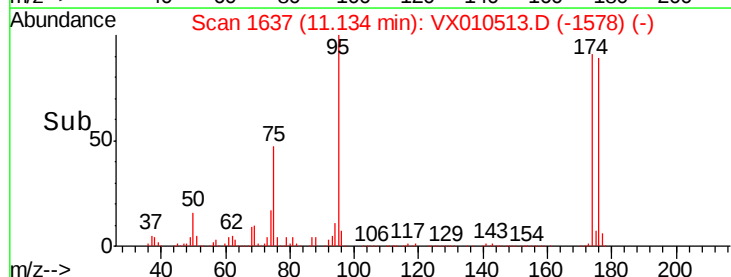
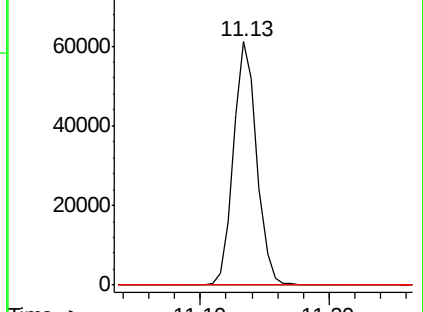
89 0.0 37.8 56.6#

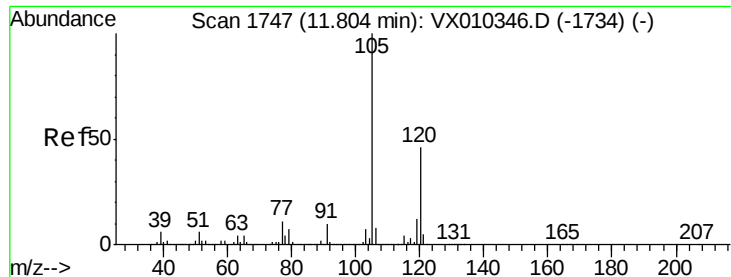


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0





#84

1,2,4-Trimethylbenzene

Concen: 0.209 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX010513.D

Acq: 28 Jun 2019 02:37

Instrument :

MSVOA_X

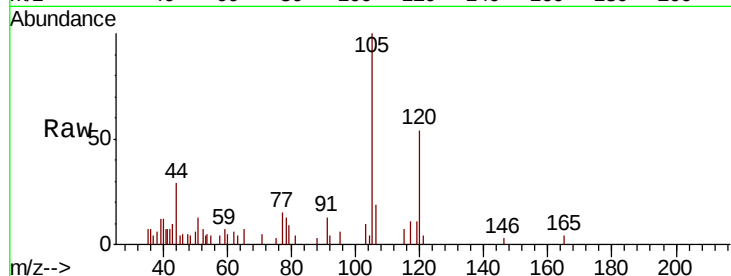
ClientSampleId :

Tot Ion:105 Resp: 2019

Ion Ratio Lower Upper

105 100

120 51.1 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.80

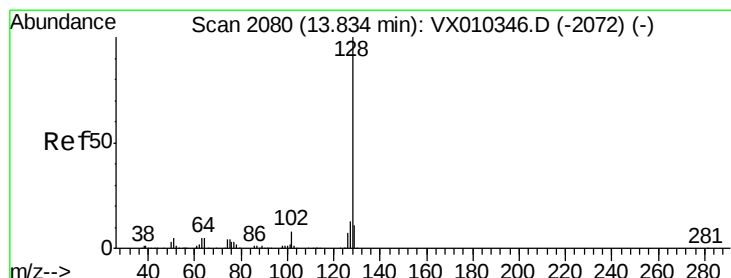
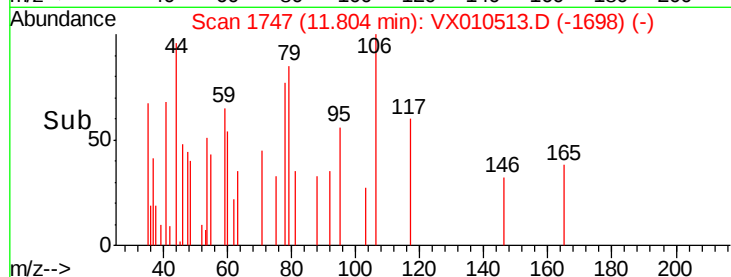
1500

1000

500

0

Time--> 11.75 11.80 11.85



#95

Naphthalene

Concen: 0.272 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX010513.D

Acq: 28 Jun 2019 02:37

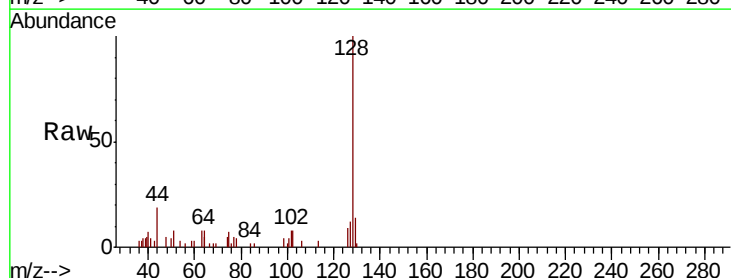
Tgt Ion:128 Resp: 3277

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.4

129 14.5 8.9 13.3#



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

3000

2000

1000

0

Time--> 13.80 13.85 13.90

