

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062719\
 Data File : VX010512.D
 Acq On : 28 Jun 2019 02:13
 Operator : JC/SP
 Sample : K3509-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 28 06:55:45 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	264327	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	398701	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	368378	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	172439	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	121922	49.20	ug/l	0.00
Spiked Amount			Recovery	=	98.40%	
35) Dibromofluoromethane	5.50	113	121763	49.92	ug/l	0.00
Spiked Amount			Recovery	=	99.84%	
50) Toluene-d8	8.71	98	481061	51.55	ug/l	0.00
Spiked Amount			Recovery	=	103.10%	
62) 4-Bromofluorobenzene	11.13	95	158561	47.06	ug/l	0.00
Spiked Amount			Recovery	=	94.12%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	462	0.216	ug/l #	87
5) Bromomethane	1.65	94	486	0.426	ug/l #	65
11) Tert butyl alcohol	3.03	59	353	0.544	ug/l #	89
16) Acetone	2.45	43	7056	5.681	ug/l	98
18) Methyl Acetate	2.78	43	2113	0.854	ug/l #	79
20) Methylene Chloride	2.86	84	36538	14.294	ug/l	96
25) 2-Butanone	4.70	43	824	0.452	ug/l #	73
29) Tetrahydrofuran	5.15	42	953	0.844	ug/l #	74
30) Chloroform	5.21	83	3353	0.793	ug/l	86
36) 1,1-Dichloropropene	5.66	75	15971	5.041	ug/l #	48
38) Carbon Tetrachloride	5.67	117	23826	6.945	ug/l #	14
43) Isopropyl Acetate	6.45	43	10256	1.902	ug/l	97
44) Trichloroethene	7.22	130	926	0.314	ug/l	87
47) Bromodichloromethane	7.90	83	913	0.279	ug/l	96
48) Methyl methacrylate	7.67	41	6516	2.600	ug/l #	10
49) 1,4-Dioxane	7.78	88	58	0.803	ug/l #	1
51) 4-Methyl-2-Pentanone	8.62	43	80316	23.287	ug/l #	47
54) cis-1,3-Dichloropropene	8.62	75	44176	11.063	ug/l #	62
57) 1,3-Dichloropropane	9.54	76	9955	2.392	ug/l #	42
59) 2-Hexanone	9.44	43	10640	3.920	ug/l #	22
67) Ethyl Benzene	10.25	91	14187	1.124	ug/l	96
68) m/p-Xylenes	10.36	106	23898	4.885	ug/l	99
69) o-Xylene	10.70	106	10435	2.169	ug/l	96
74) N-amyl acetate	10.69	43	11778	2.666	ug/l #	53
76) 1,2,3-Trichloropropane	11.13	75	76434	24.324	ug/l #	33
78) n-propylbenzene	11.36	91	4731	0.368	ug/l	99
79) 2-Chlorotoluene	11.43	91	4260	0.557	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.51	105	17507	1.817	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.13	75	76434	56.746	ug/l #	16
82) 4-Chlorotoluene	11.51	91	2198	0.252	ug/l #	42
83) tert-Butylbenzene	11.80	119	10520	1.088	ug/l #	66
84) 1,2,4-Trimethylbenzene	11.80	105	79638	8.226	ug/l	98
85) sec-Butylbenzene	11.80	105	79638	7.013	ug/l #	55
89) n-Butylbenzene	12.37	91	2184	0.245	ug/l #	1

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Instrument :
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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

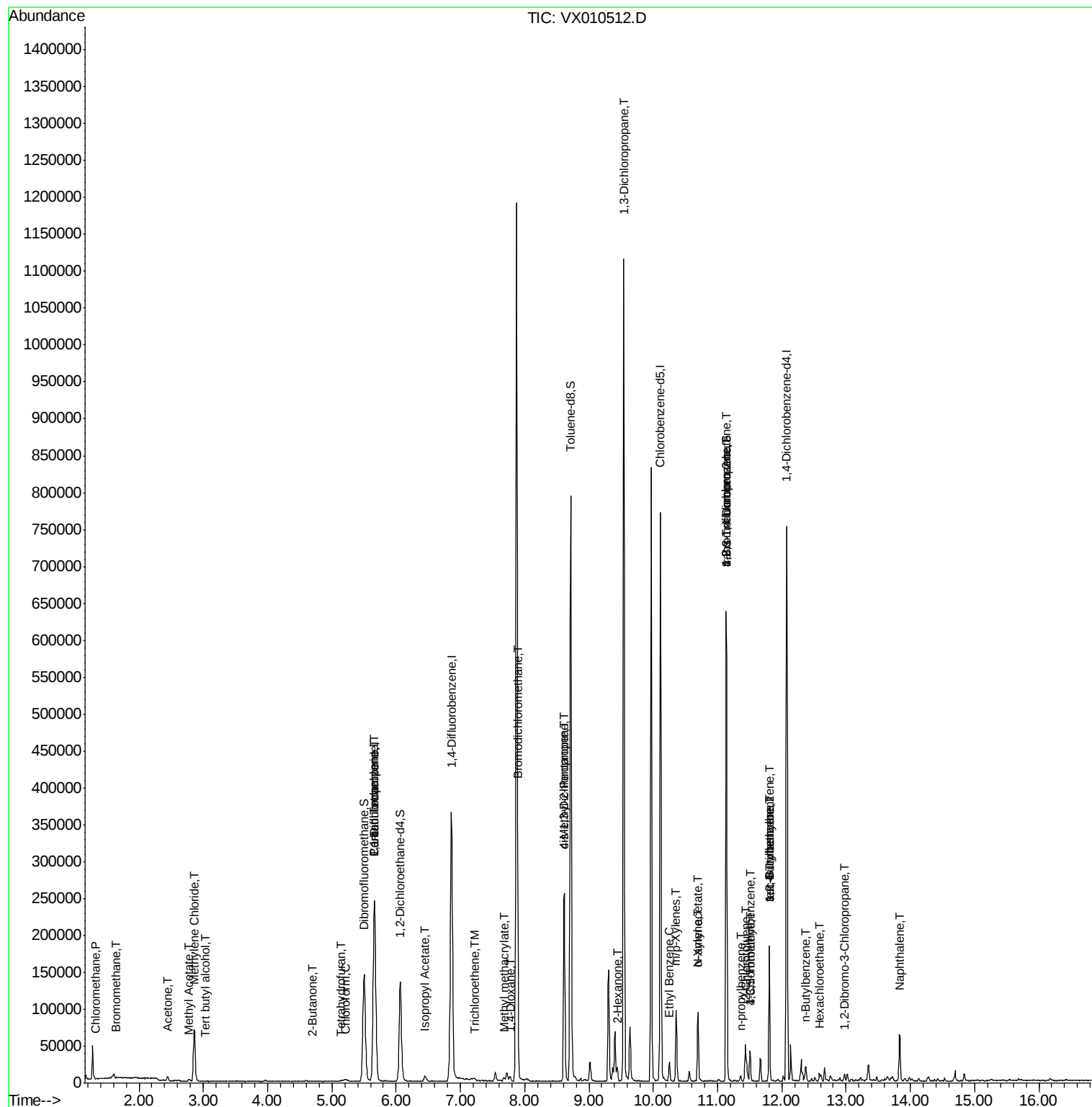
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	12.58	117	487	0.268	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	12.97	75	292	0.350	ug/l #	1
95) Naphthalene	13.83	128	40969	3.395	ug/l	98

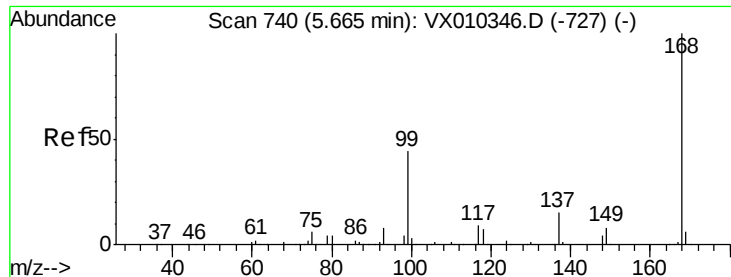
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX062719\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
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: VX010512.D

Acq: 28 Jun 2019 02:13

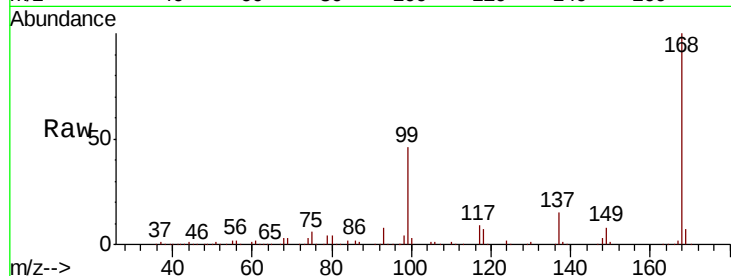
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:168 Resp: 264327

Ion Ratio Lower Upper

168 100

99 45.8 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

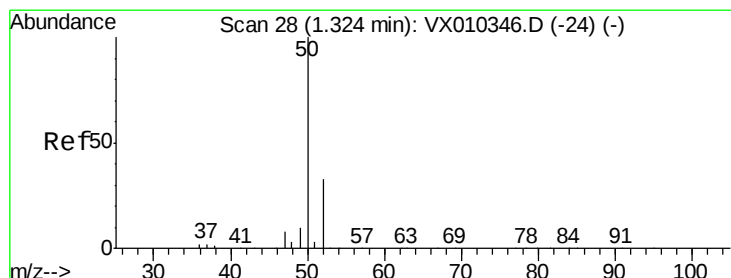
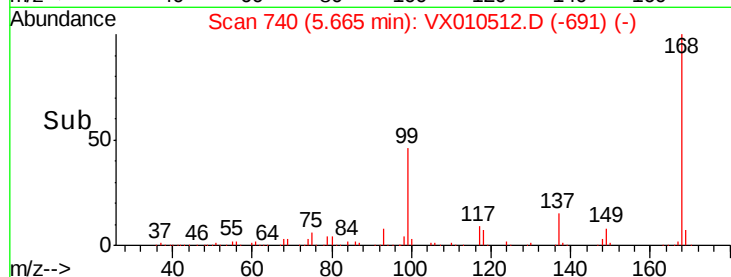
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.216 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010512.D

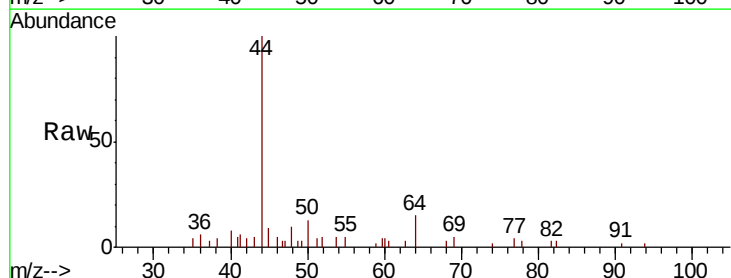
Acq: 28 Jun 2019 02:13

Tgt Ion: 50 Resp: 462

Ion Ratio Lower Upper

50 100

52 25.9 26.5 39.7#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

600

500

400

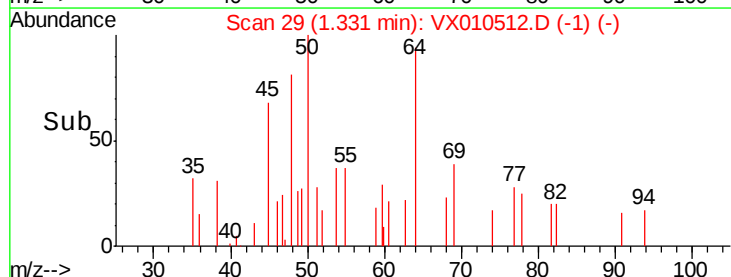
300

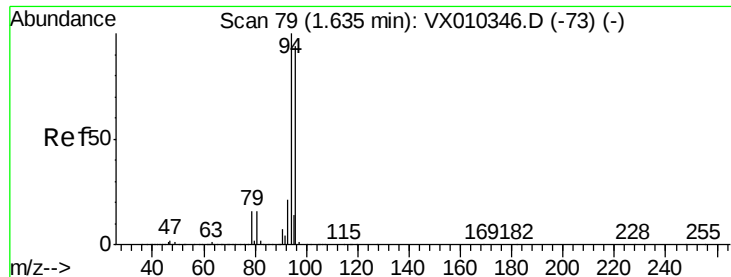
200

100

0

Time--> 1.30 1.32 1.34 1.36





#5

Bromomethane

Concen: 0.426 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX010512.D

Acq: 28 Jun 2019 02:13

Instrument :

MSVOA_X

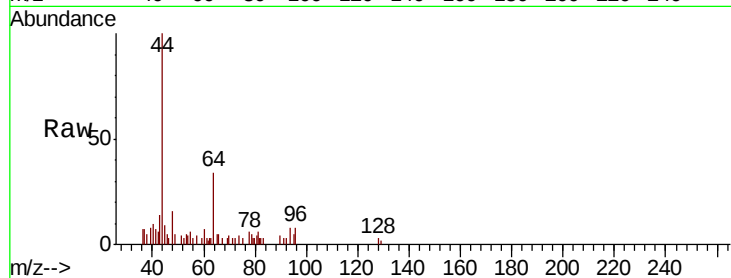
ClientSampled :

Tot Ion: 94 Resp: 486

Ion Ratio Lower Upper

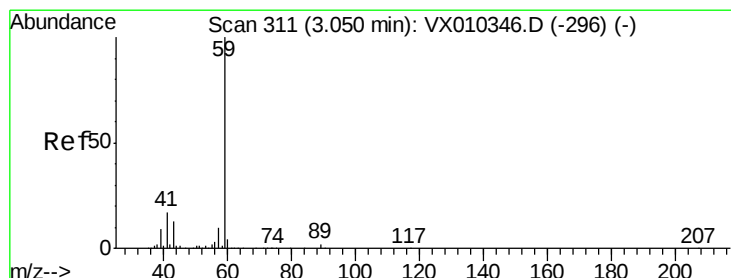
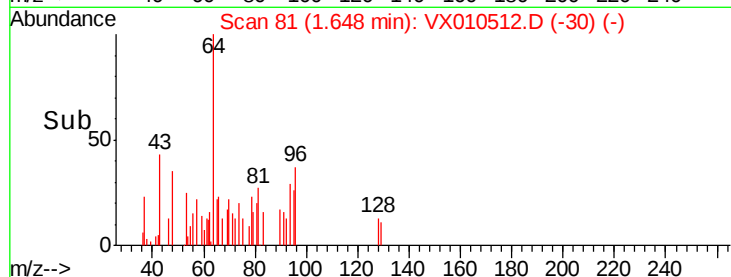
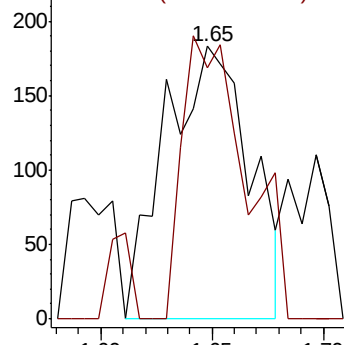
94 100

96 60.7 75.5 113.3#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#11

Tert butyl alcohol

Concen: 0.544 ug/l

RT: 3.03 min Scan# 308

Delta R.T. -0.02 min

Lab File: VX010512.D

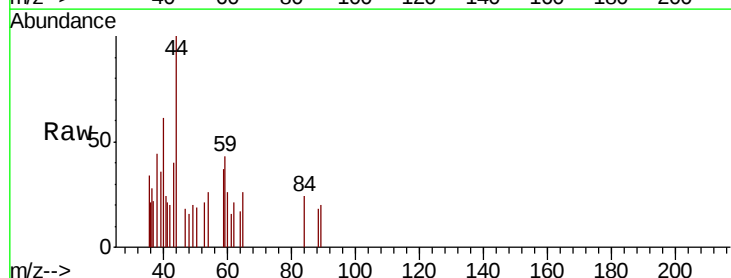
Acq: 28 Jun 2019 02:13

Tgt Ion: 59 Resp: 353

Ion Ratio Lower Upper

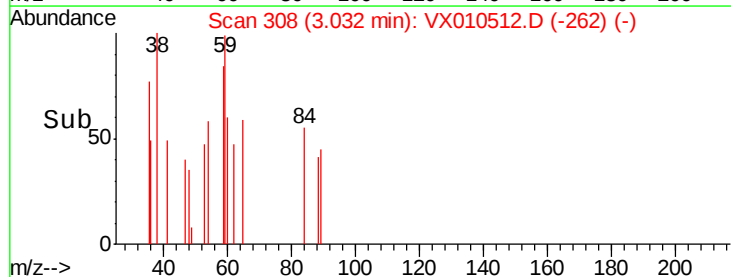
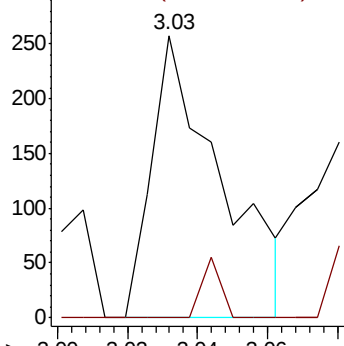
59 100

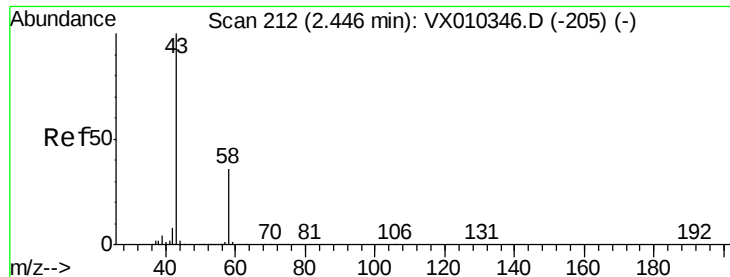
57 5.7 7.7 11.5#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#16

Acetone

Concen: 5.681 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010512.D

Acq: 28 Jun 2019 02:13

Instrument :

MSVOA_X

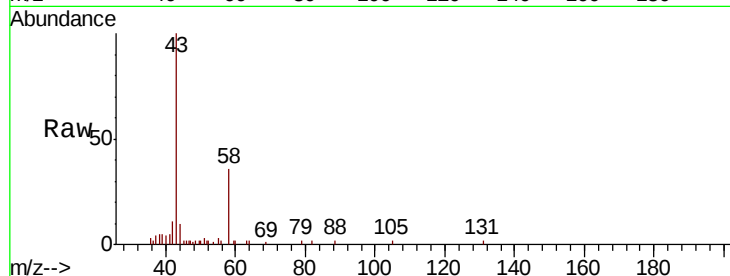
ClientSampleId :

Tot Ion: 43 Resp: 7056

Ion Ratio Lower Upper

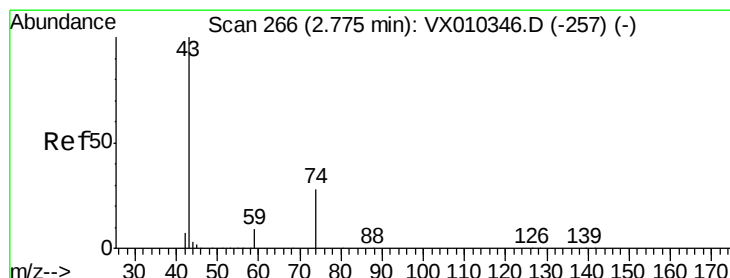
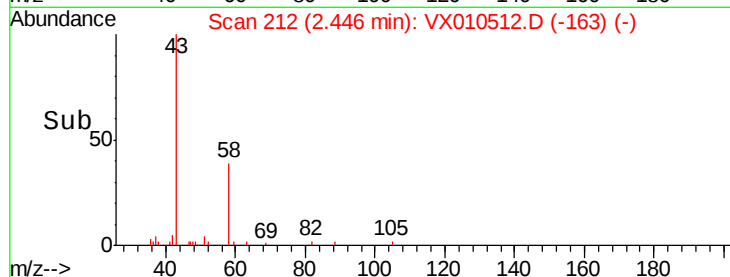
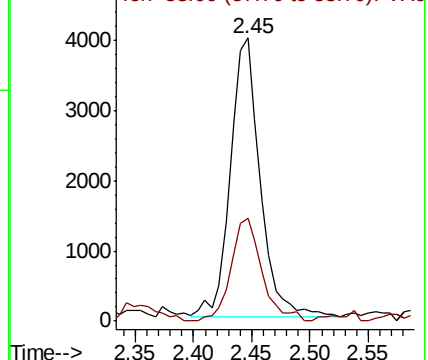
43 100

58 37.0 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#18

Methyl Acetate

Concen: 0.854 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX010512.D

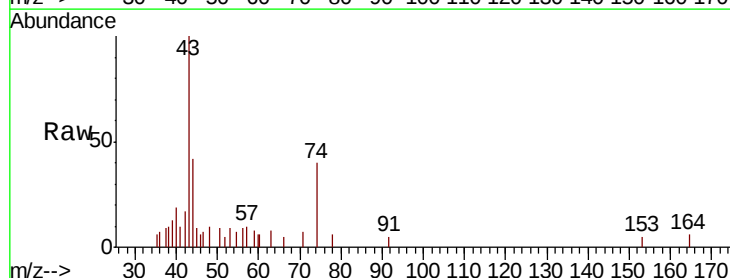
Acq: 28 Jun 2019 02:13

Tgt Ion: 43 Resp: 2113

Ion Ratio Lower Upper

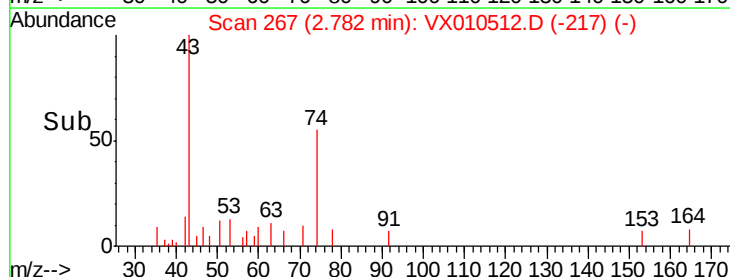
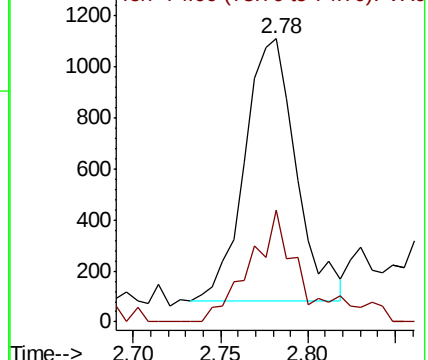
43 100

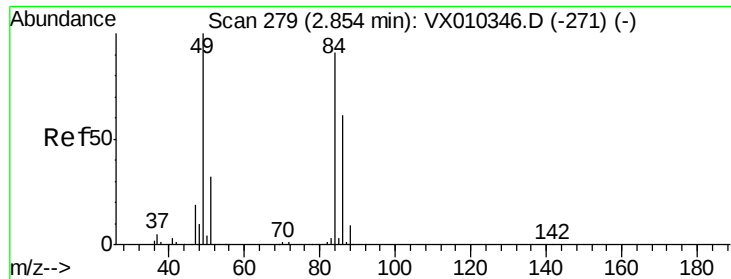
74 37.6 21.3 31.9#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

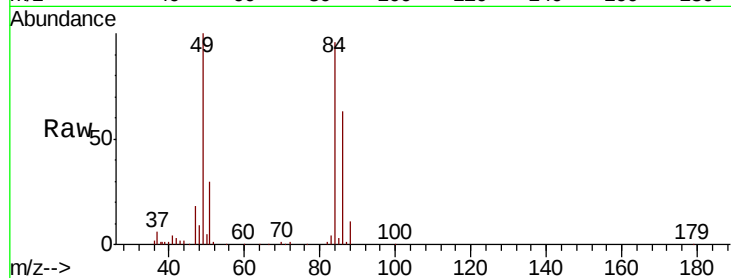




#20
Methylene Chloride
Concen: 14.294 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX010512.D
Acq: 28 Jun 2019 02:13

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 84 Resp: 36538
Ion Ratio Lower Upper
84 100
49 103.8 87.5 131.3
51 31.1 27.7 41.5
86 65.0 53.4 80.0



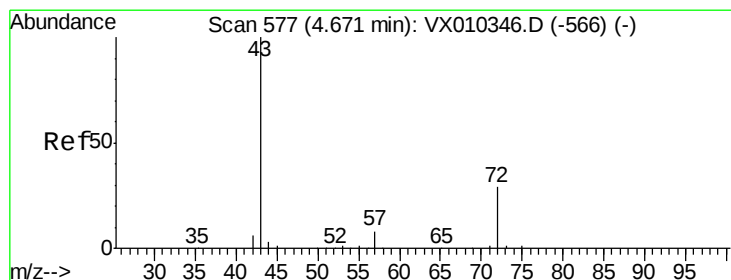
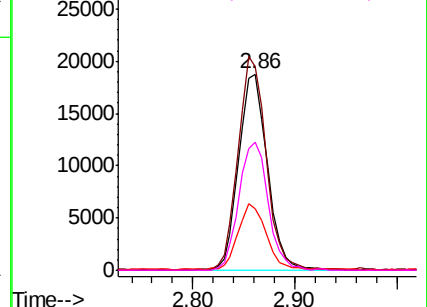
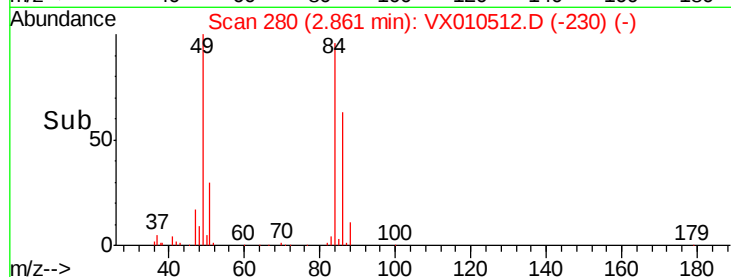
Abundance

Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

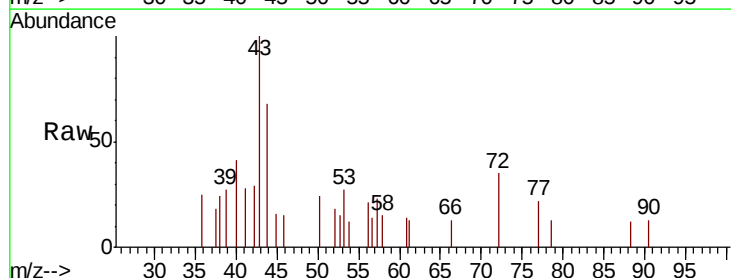
Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#25
2-Butanone
Concen: 0.452 ug/l
RT: 4.70 min Scan# 582
Delta R.T. 0.03 min
Lab File: VX010512.D
Acq: 28 Jun 2019 02:13

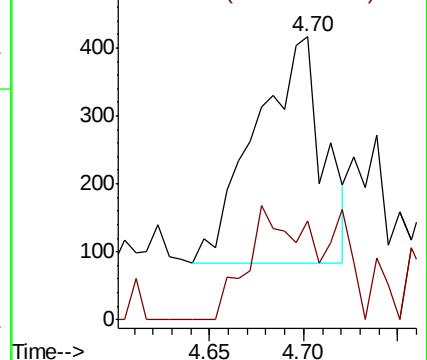
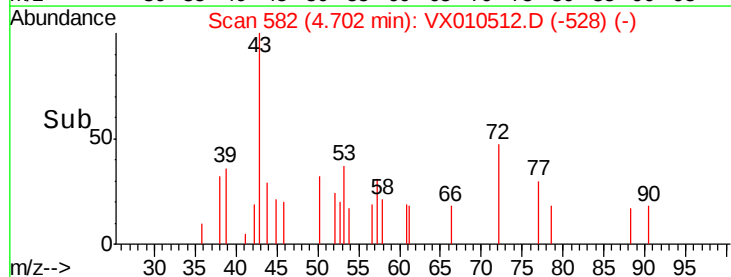
Tgt Ion: 43 Resp: 824
Ion Ratio Lower Upper
43 100
72 43.5 23.3 34.9#

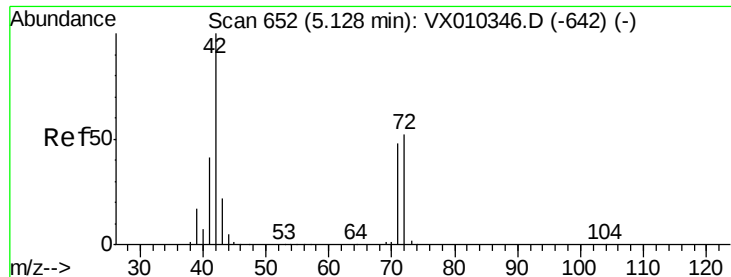


Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

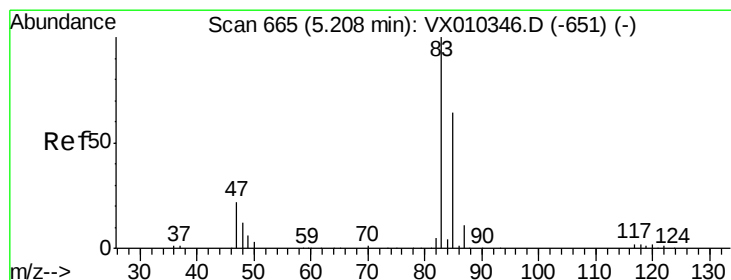
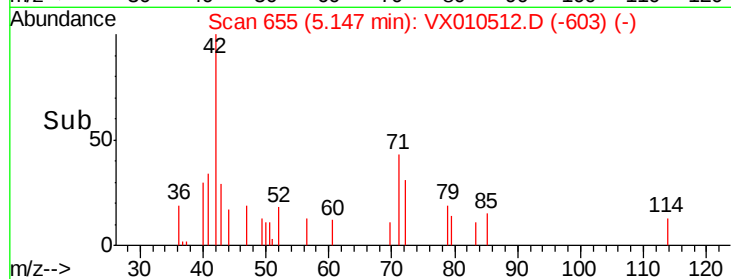
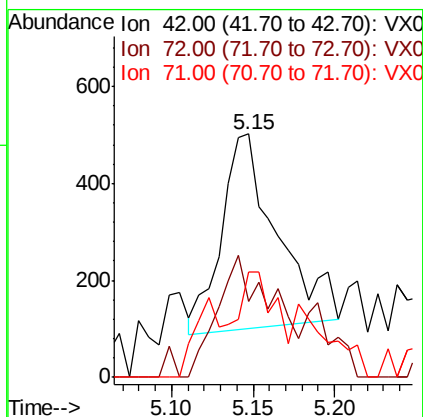
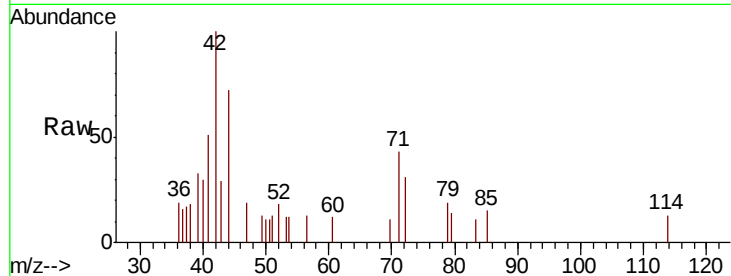




#29
Tetrahydrofuran
Concen: 0.844 ug/l
RT: 5.15 min Scan# 655
Delta R.T. 0.02 min
Lab File: VX010512.D
Acq: 28 Jun 2019 02:13

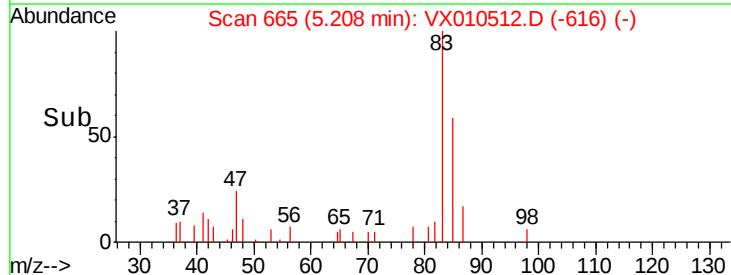
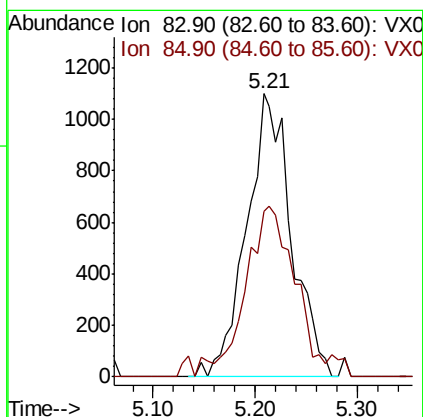
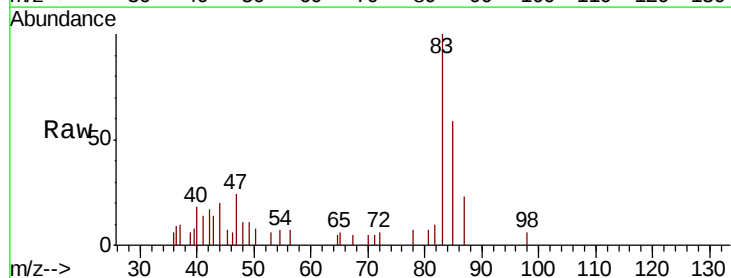
Instrument :
MSVOA_X
ClientSampleId :

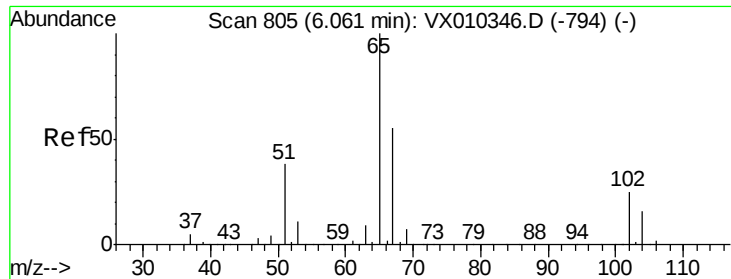
Tot Ion: 42 Resp: 953
Ion Ratio Lower Upper
42 100
72 62.5 40.6 60.8#
71 23.3 37.8 56.8#



#30
Chloroform
Concen: 0.793 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.00 min
Lab File: VX010512.D
Acq: 28 Jun 2019 02:13

Tgt Ion: 83 Resp: 3353
Ion Ratio Lower Upper
83 100
85 52.4 50.9 76.3

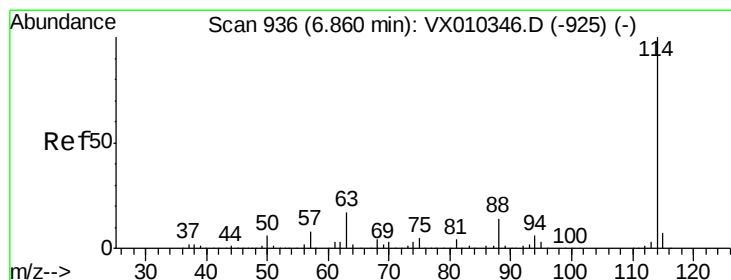
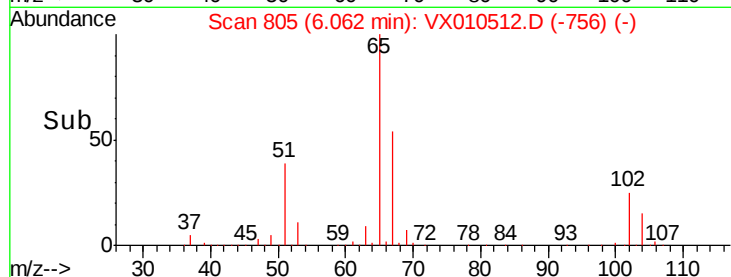
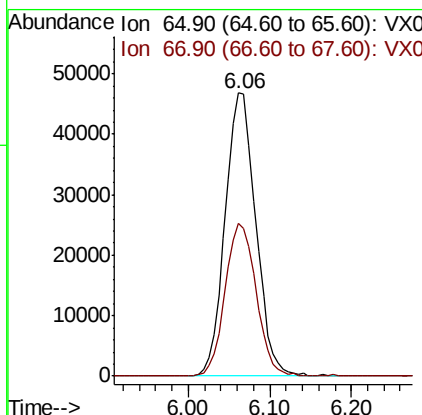
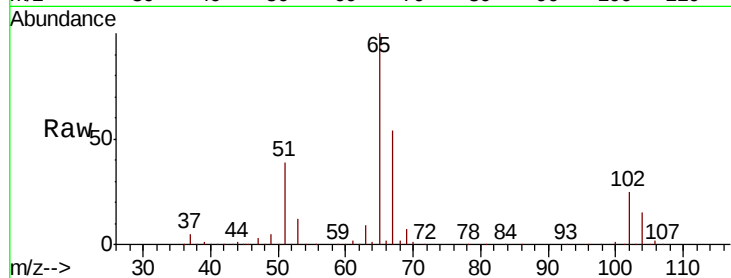




#33
 1,2-Dichloroethane-d4
 Concen: 49.195 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010512.D
 Acq: 28 Jun 2019 02:13

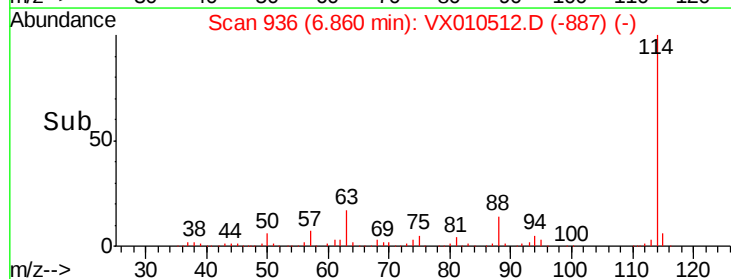
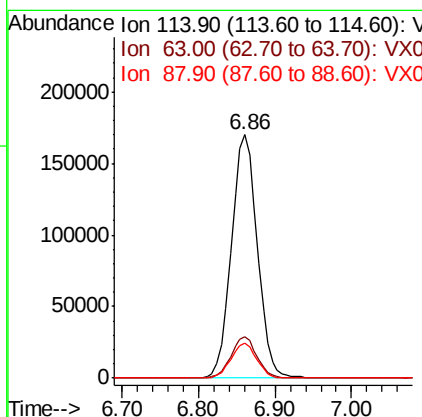
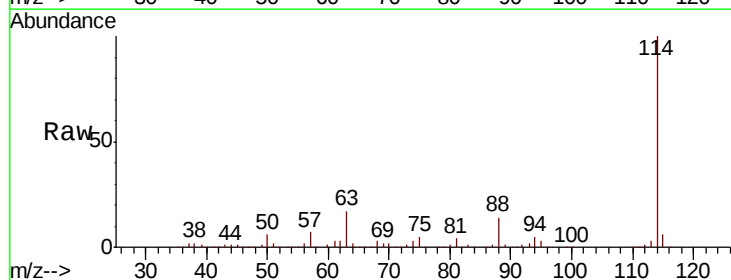
Instrument :
 MSVOA_X
 ClientSampleId :

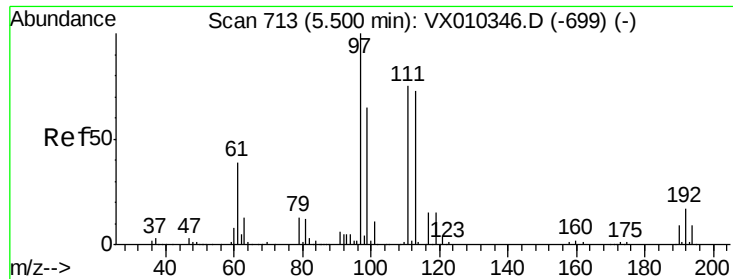
Tot Ion: 65 Resp: 121922
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 110.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010512.D
 Acq: 28 Jun 2019 02:13

Tgt Ion: 114 Resp: 398701
 Ion Ratio Lower Upper
 114 100
 63 16.9 0.0 33.8
 88 14.2 0.0 27.6

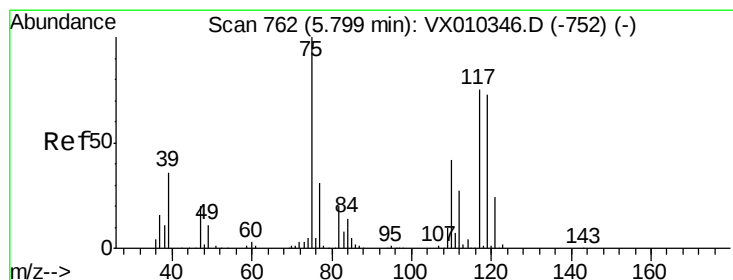
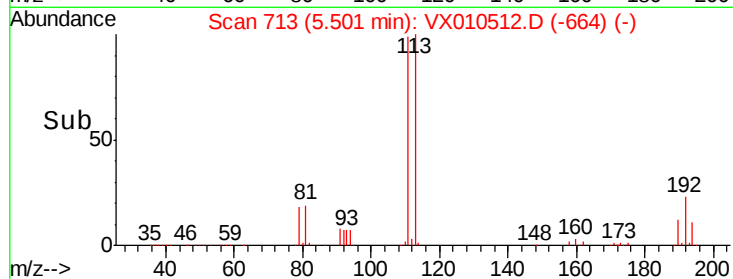
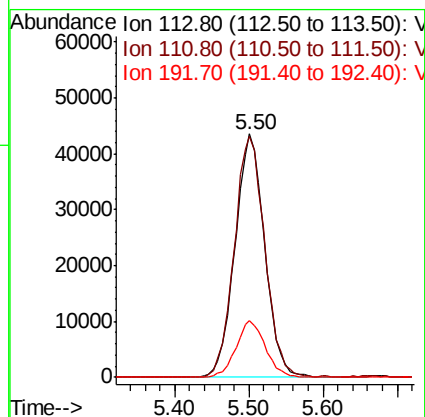
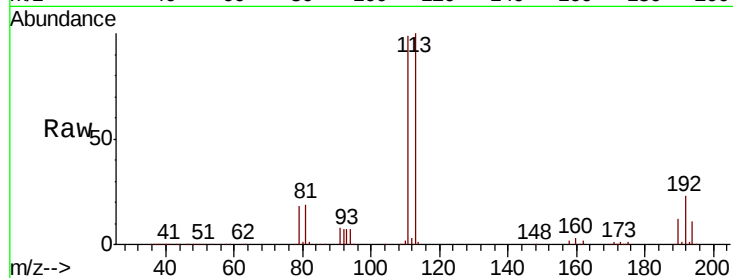




#35
 Dibromofluoromethane
 Concen: 49.915 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX010512.D
 Acq: 28 Jun 2019 02:13

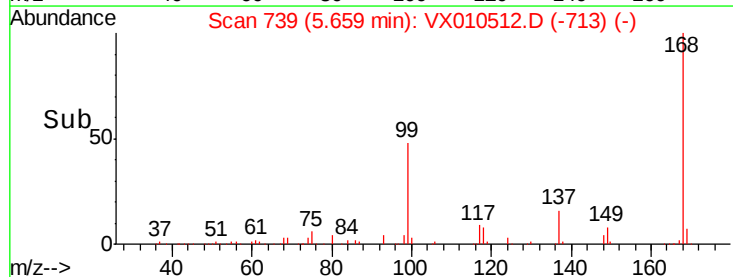
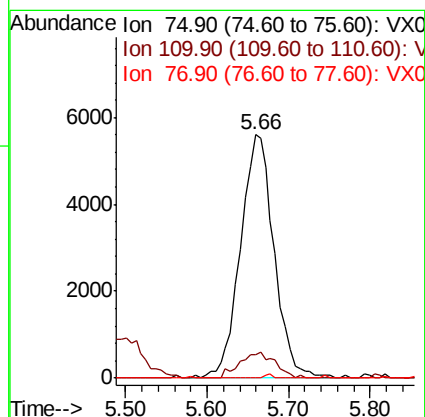
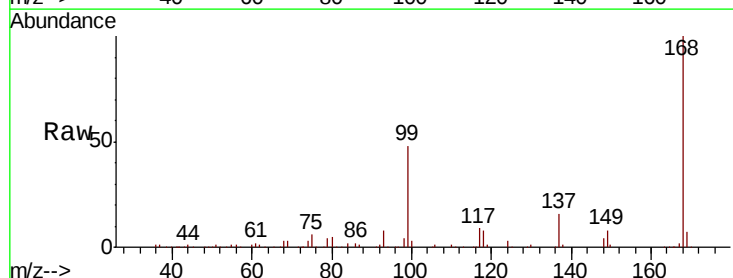
Instrument :
 MSVOA_X
 ClientSampled :

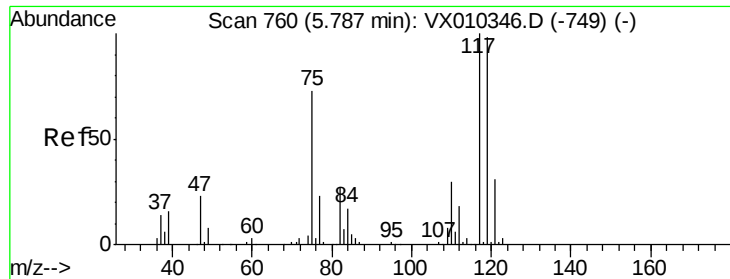
Tot Ion:113 Resp: 121763
 Ion Ratio Lower Upper
 113 100
 111 101.4 81.2 121.8
 192 23.0 18.6 27.8



#36
 1,1-Dichloropropene
 Concen: 5.041 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX010512.D
 Acq: 28 Jun 2019 02:13

Tgt Ion: 75 Resp: 15971
 Ion Ratio Lower Upper
 75 100
 110 11.4 20.8 62.2#
 77 0.4 25.4 38.0#

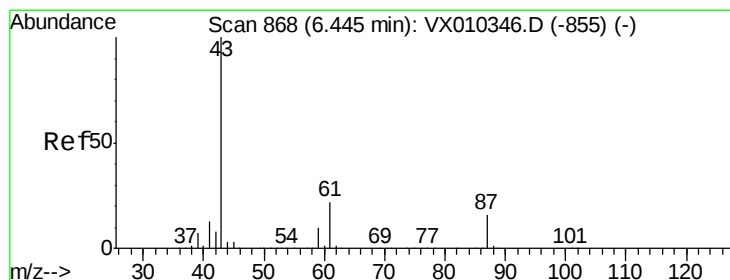
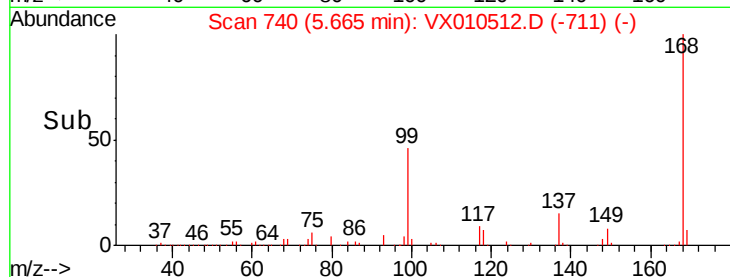
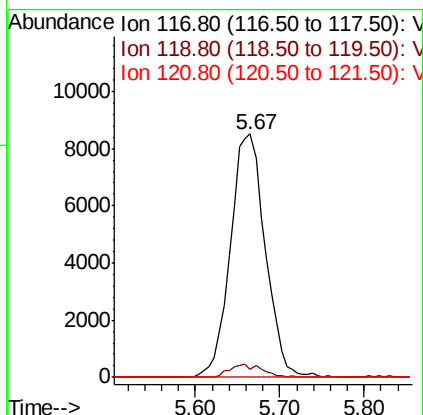
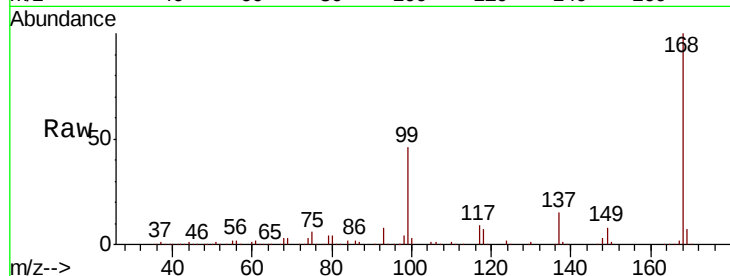




#38
Carbon Tetrachloride
Concen: 6.945 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX010512.D
Acq: 28 Jun 2019 02:13

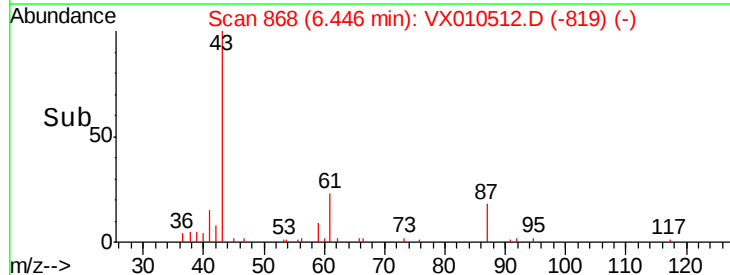
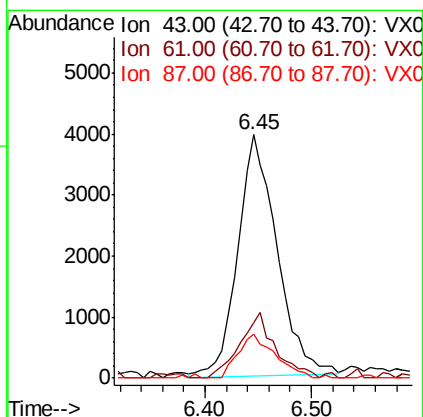
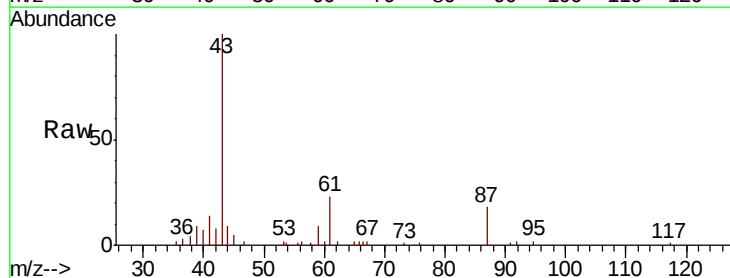
Instrument :
MSVOA_X
ClientSampled :

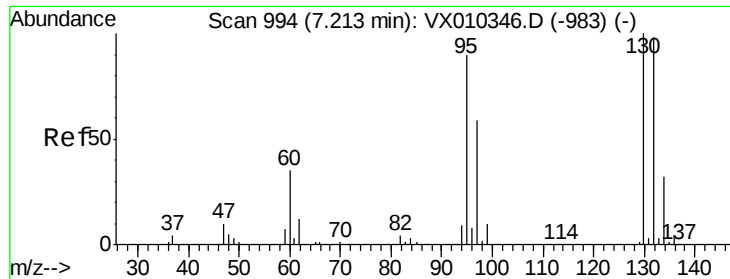
Tot Ion:117 Resp: 23826
Ion Ratio Lower Upper
117 100
119 3.2 78.2 117.4#
121 0.0 24.7 37.1#



#43
Isopropyl Acetate
Concen: 1.902 ug/l
RT: 6.45 min Scan# 868
Delta R.T. 0.00 min
Lab File: VX010512.D
Acq: 28 Jun 2019 02:13

Tgt Ion: 43 Resp: 10256
Ion Ratio Lower Upper
43 100
61 24.3 17.8 26.6
87 16.9 13.0 19.4

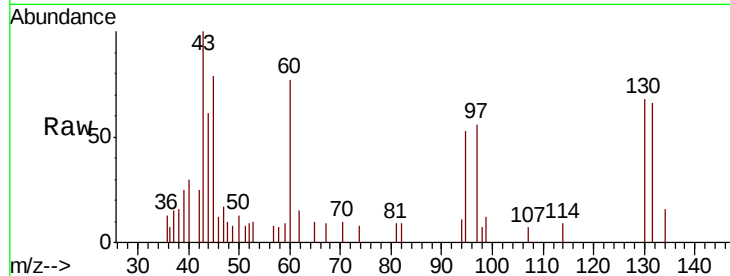




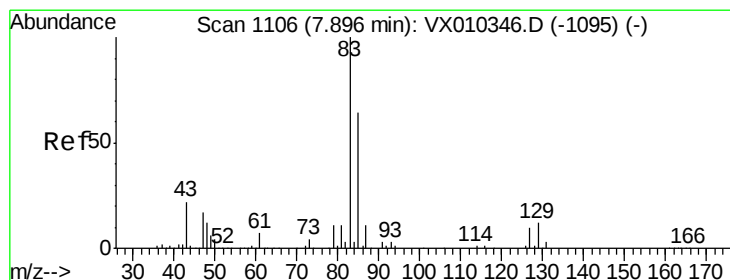
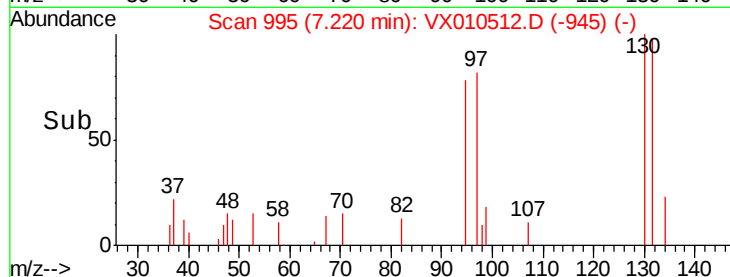
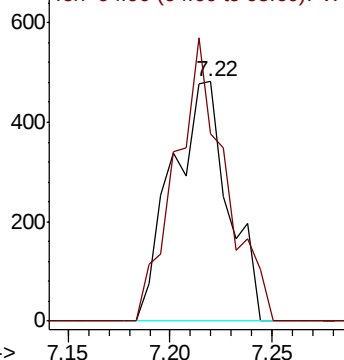
#44
 Trichloroethene
 Concen: 0.314 ug/l
 RT: 7.22 min Scan# 995
 Delta R.T. 0.01 min
 Lab File: VX010512.D
 Acq: 28 Jun 2019 02:13

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:130 Resp: 926
 Ion Ratio Lower Upper
 130 100
 95 78.0 0.0 180.8

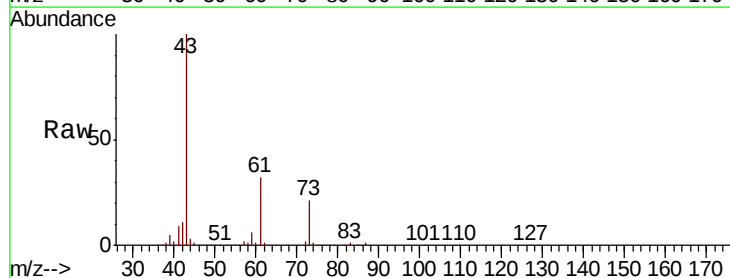


Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

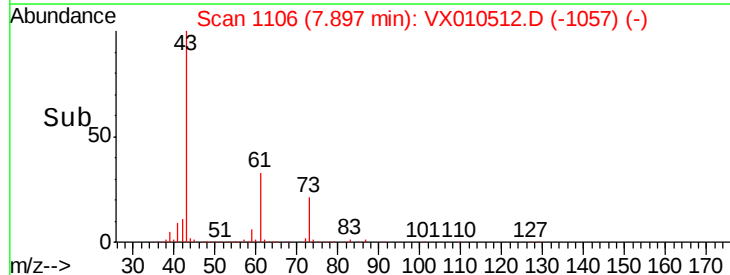
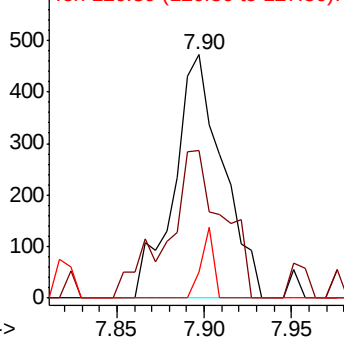


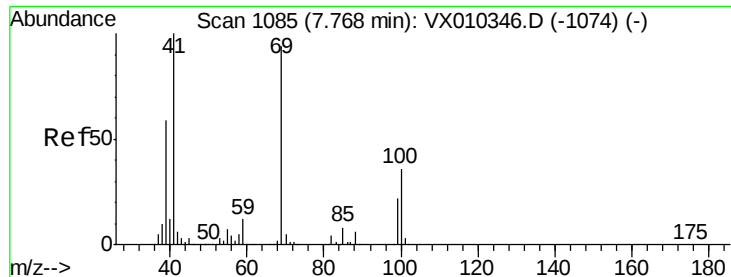
#47
 Bromodichloromethane
 Concen: 0.279 ug/l
 RT: 7.90 min Scan# 1106
 Delta R.T. 0.00 min
 Lab File: VX010512.D
 Acq: 28 Jun 2019 02:13

Tgt Ion: 83 Resp: 913
 Ion Ratio Lower Upper
 83 100
 85 60.8 51.5 77.3
 127 10.8 7.8 11.8



Abundance Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 126.80 (126.50 to 127.50): V

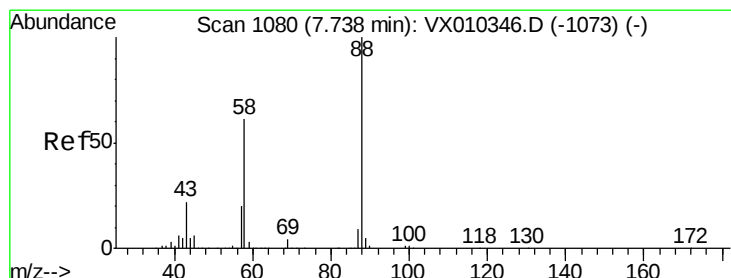
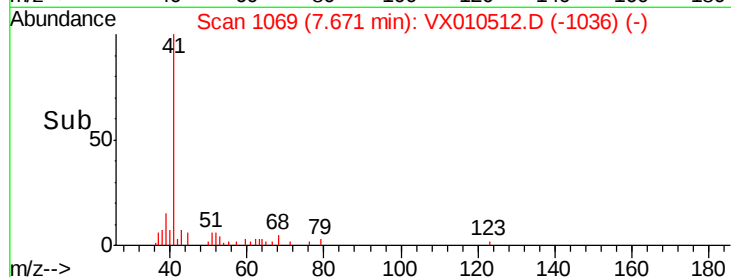
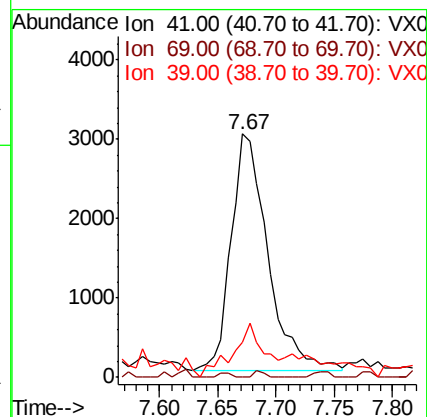
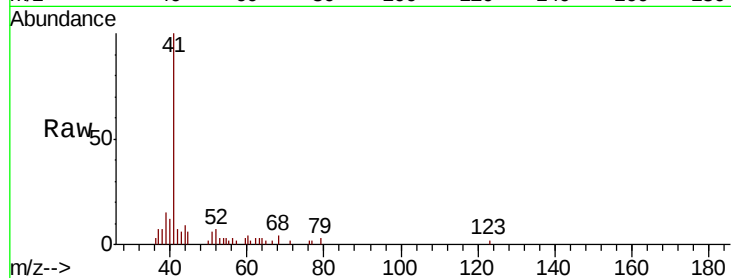




#48
Methvl methacrylate
Concen: 2.600 ug/l
RT: 7.67 min Scan# 1069
Delta R.T. -0.10 min
Lab File: VX010512.D
Acq: 28 Jun 2019 02:13

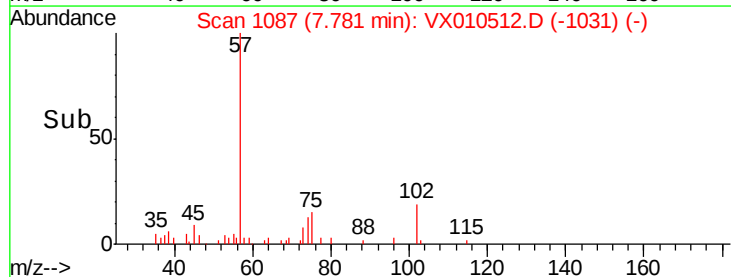
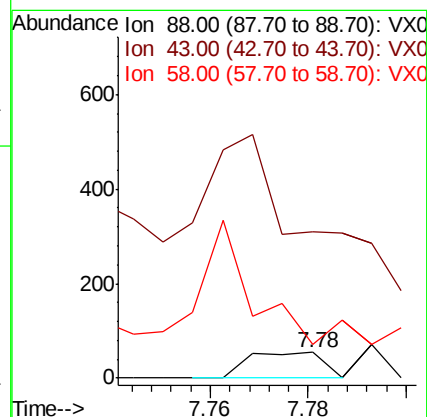
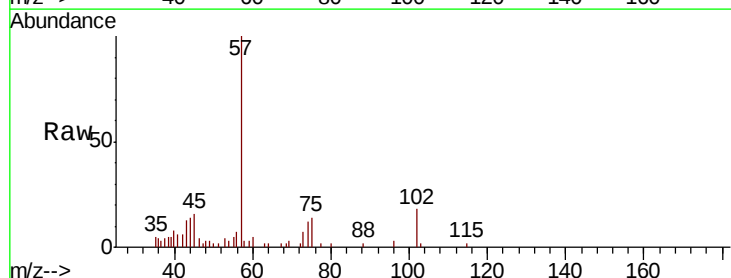
Instrument :
MSVOA_X
ClientSampled :

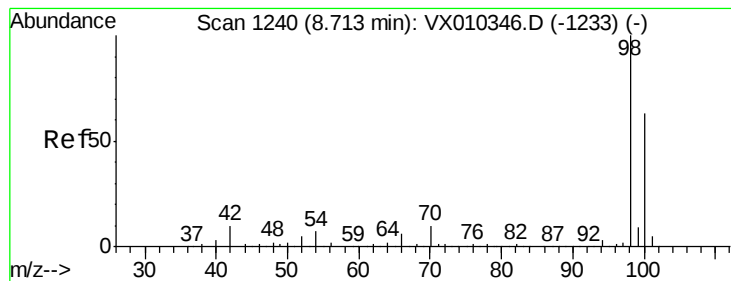
Tot Ion: 41 Resp: 6516
Ion Ratio Lower Upper
41 100
69 0.8 76.1 114.1#
39 0.0 47.6 71.4#



#49
1,4-Dioxane
Concen: 0.803 ug/l
RT: 7.78 min Scan# 1087
Delta R.T. 0.04 min
Lab File: VX010512.D
Acq: 28 Jun 2019 02:13

Tgt Ion: 88 Resp: 58
Ion Ratio Lower Upper
88 100
43 0.0 20.2 30.2#
58 867.2 49.5 74.3#





#50

Toluene-d8

Concen: 51.546 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010512.D

Acq: 28 Jun 2019 02:13

Instrument :

MSVOA_X

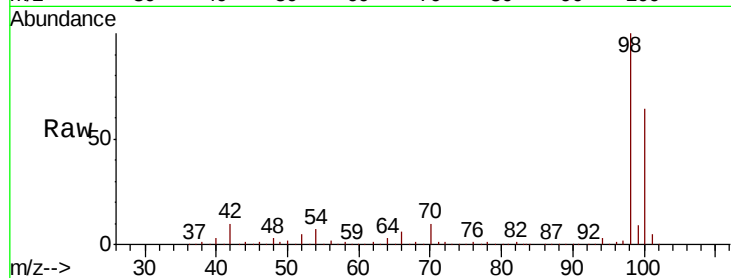
ClientSampleId :

Tot Ion: 98 Resp: 481061

Ion Ratio Lower Upper

98 100

100 63.6 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.71

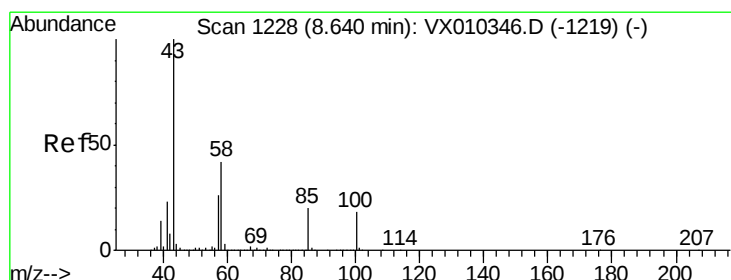
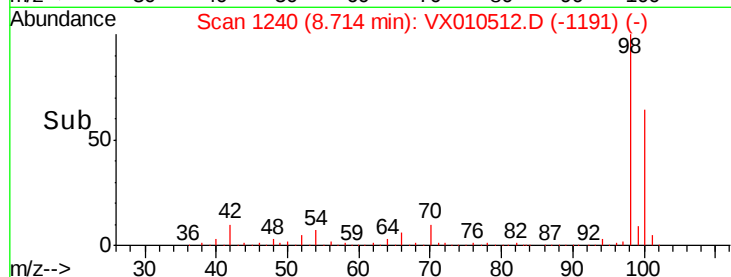
300000

200000

100000

0

Time--> 8.60 8.70 8.80



#51

4-Methyl-2-Pentanone

Concen: 23.287 ug/l

RT: 8.62 min Scan# 1224

Delta R.T. -0.02 min

Lab File: VX010512.D

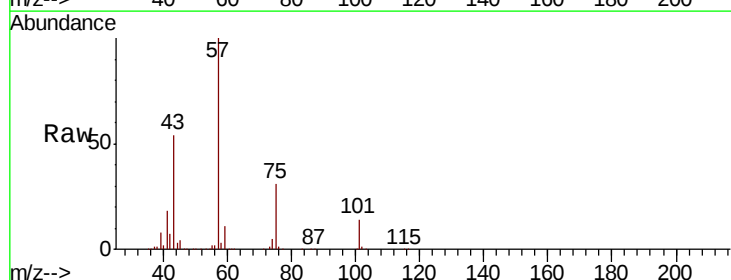
Acq: 28 Jun 2019 02:13

Tgt Ion: 43 Resp: 80316

Ion Ratio Lower Upper

43 100

58 8.4 33.5 50.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

60000

50000

40000

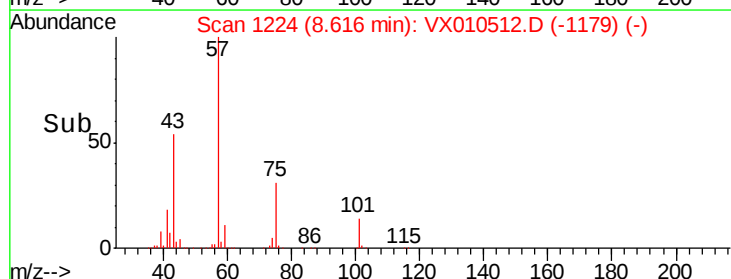
30000

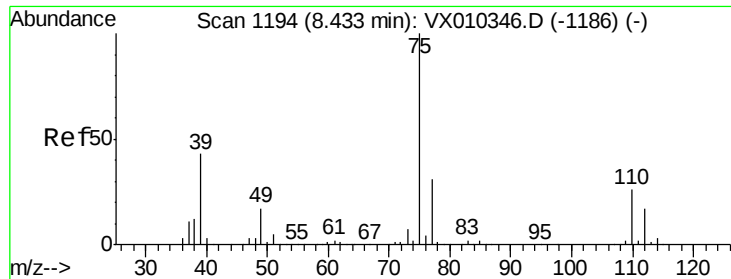
20000

10000

0

Time--> 8.55 8.60 8.65 8.70



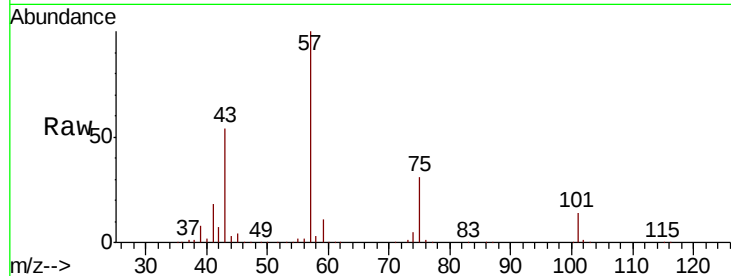


#54

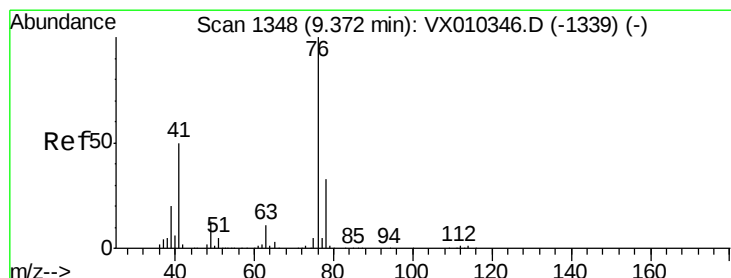
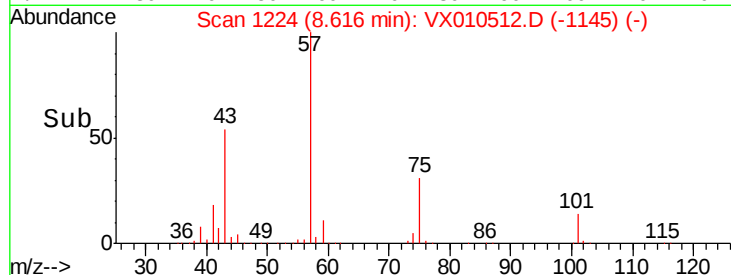
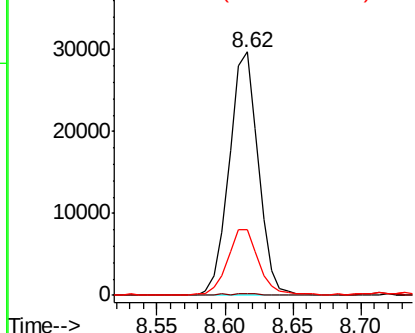
cis-1,3-Dichloropropene
 Concen: 11.063 ug/l
 RT: 8.62 min Scan# 1224
 Delta R.T. 0.18 min
 Lab File: VX010512.D
 Acq: 28 Jun 2019 02:13

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 75 Resp: 44176
 Ion Ratio Lower Upper
 75 100
 77 0.6 25.2 37.8#
 39 26.7 34.5 51.7#



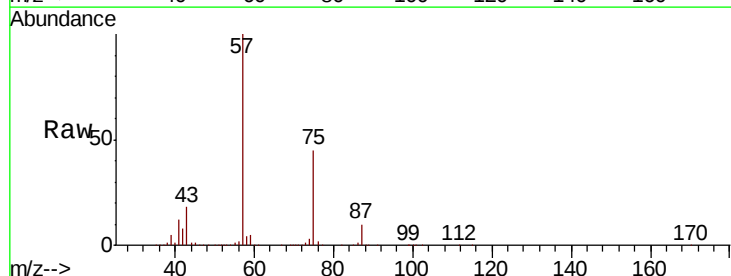
Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 76.90 (76.60 to 77.60): VX0
 Ion 39.00 (38.70 to 39.70): VX0



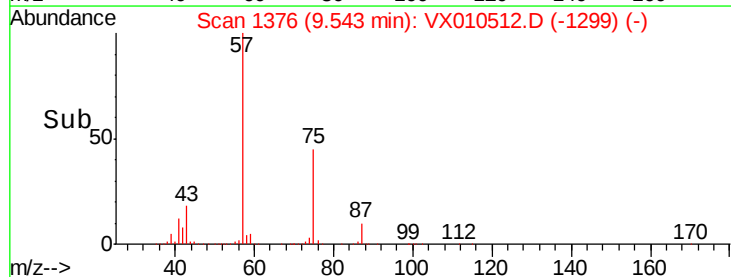
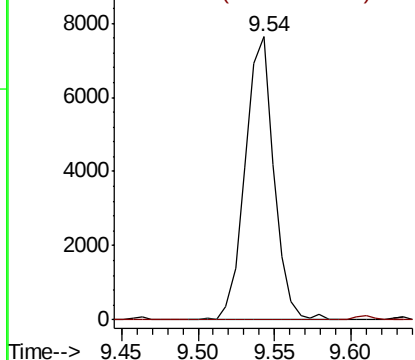
#57

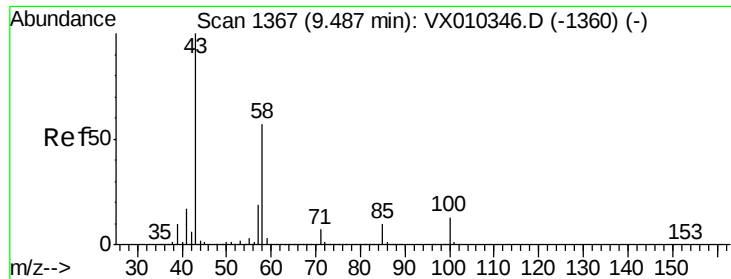
1,3-Dichloropropane
 Concen: 2.392 ug/l
 RT: 9.54 min Scan# 1376
 Delta R.T. 0.17 min
 Lab File: VX010512.D
 Acq: 28 Jun 2019 02:13

Tgt Ion: 76 Resp: 9955
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.1 39.1#



Abundance Ion 75.90 (75.60 to 76.60): VX0
 Ion 77.90 (77.60 to 78.60): VX0

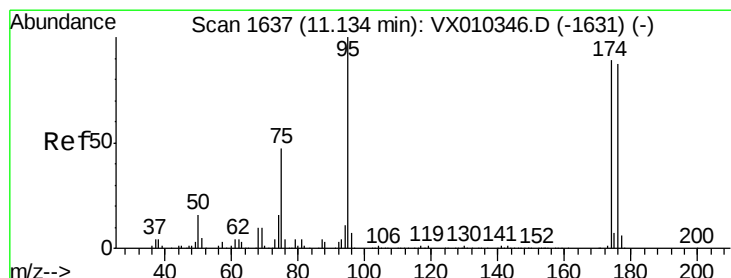
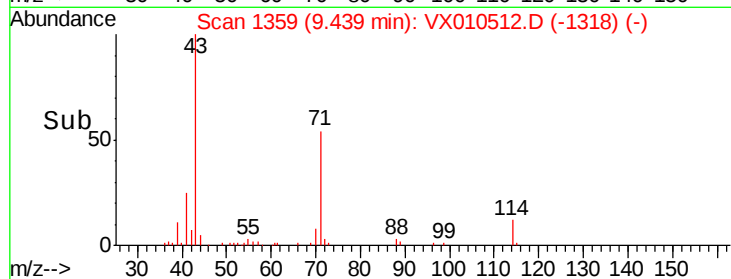
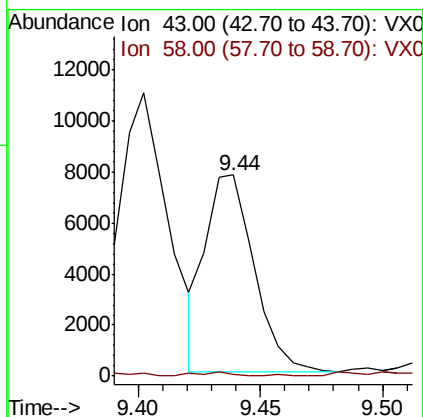
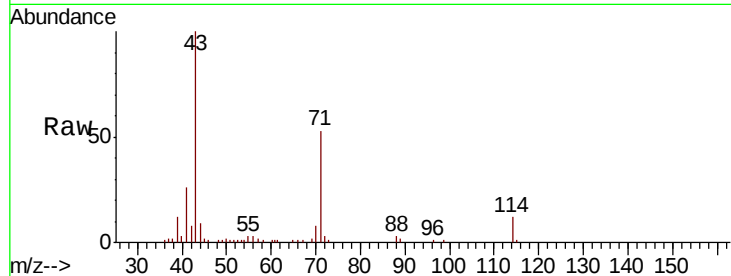




#59
2-Hexanone
Concen: 3.920 ug/l
RT: 9.44 min Scan# 1359
Delta R.T. -0.05 min
Lab File: VX010512.D
Acq: 28 Jun 2019 02:13

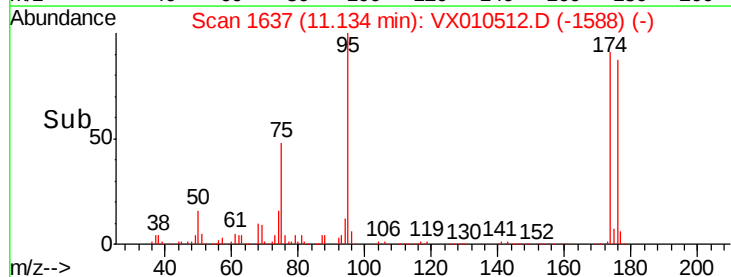
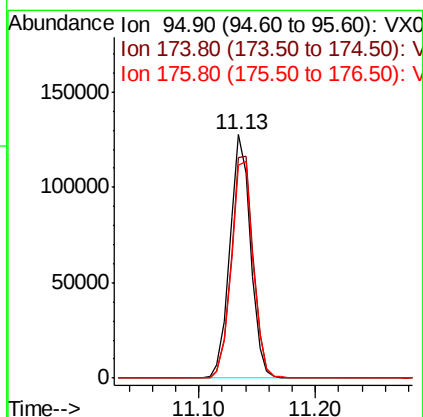
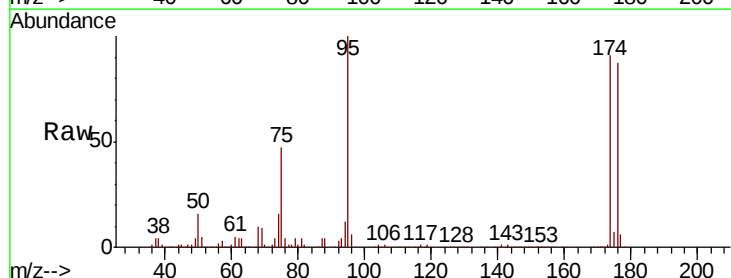
Instrument :
MSVOA_X
ClientSampleId :

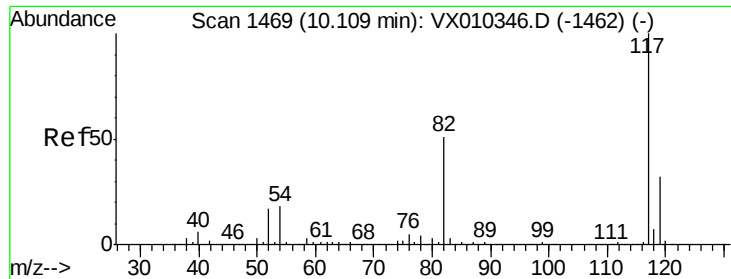
Tot Ion: 43 Resp: 10640
Ion Ratio Lower Upper
43 100
58 0.0 29.0 87.1#



#62
4-Bromofluorobenzene
Concen: 47.060 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010512.D
Acq: 28 Jun 2019 02:13

Tgt Ion: 95 Resp: 158561
Ion Ratio Lower Upper
95 100
174 96.8 0.0 187.6
176 93.7 0.0 184.0

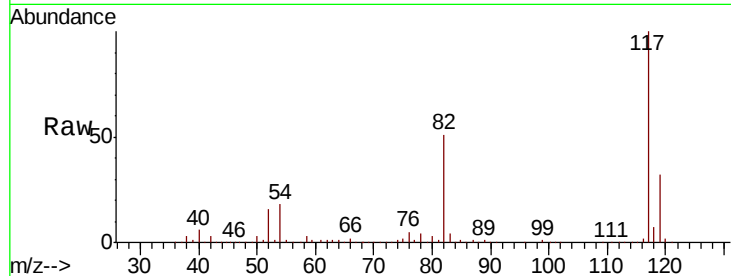




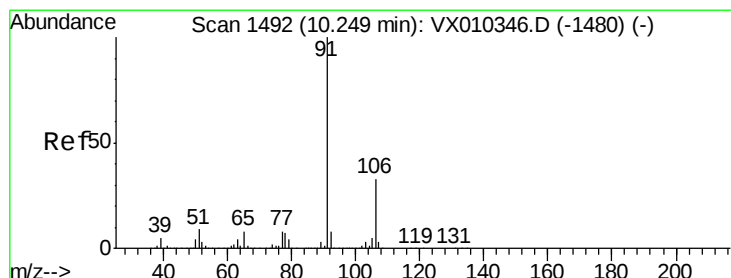
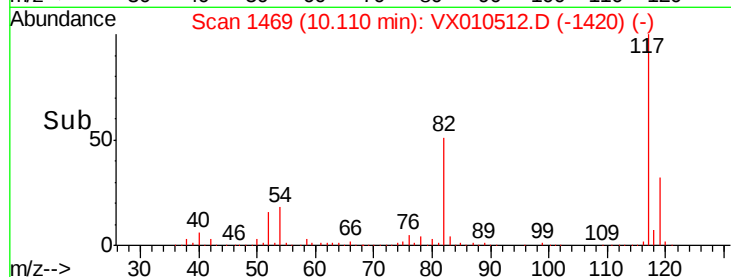
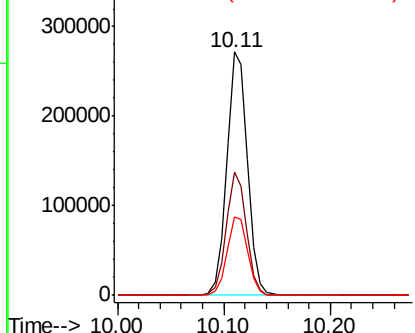
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010512.D
Acq: 28 Jun 2019 02:13

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 368378
Ion Ratio Lower Upper
117 100
82 50.7 41.2 61.8
119 32.4 25.5 38.3

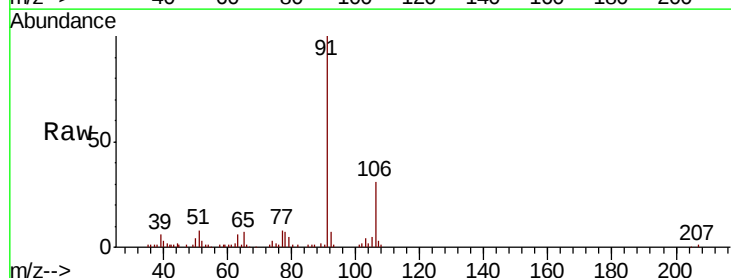


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

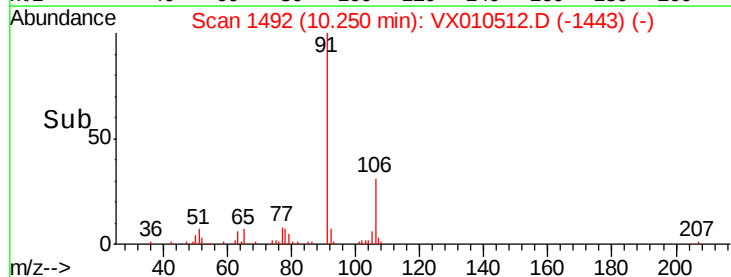
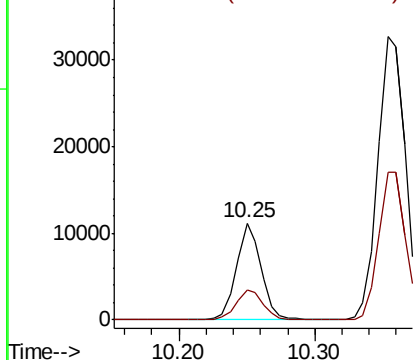


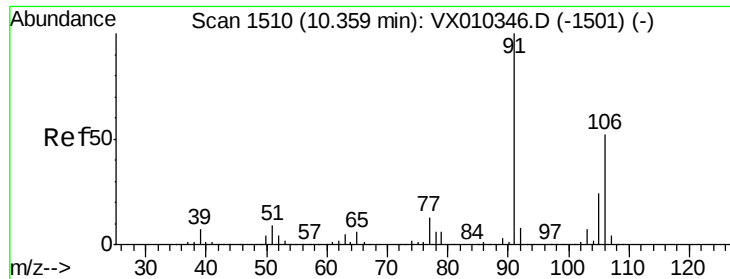
#67
Ethyl Benzene
Concen: 1.124 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010512.D
Acq: 28 Jun 2019 02:13

Tgt Ion: 91 Resp: 14187
Ion Ratio Lower Upper
91 100
106 30.6 26.2 39.2



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

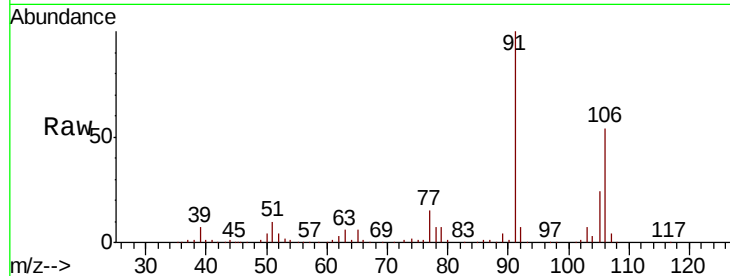




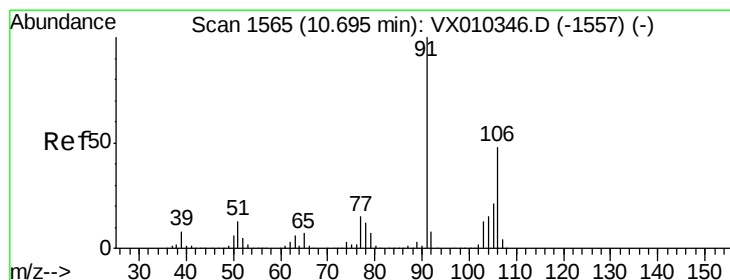
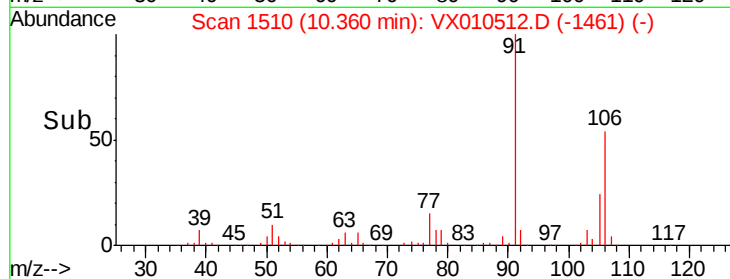
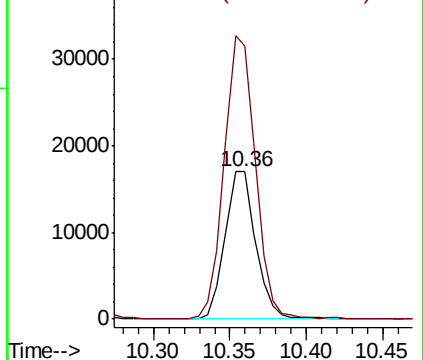
#68
m/p-Xylenes
Concen: 4.885 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010512.D
Acq: 28 Jun 2019 02:13

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 23898
Ion Ratio Lower Upper
106 100
91 192.3 155.3 232.9

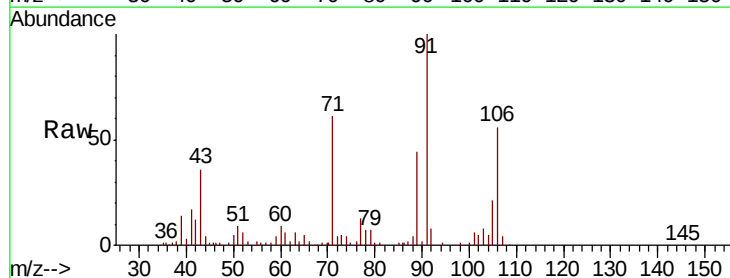


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

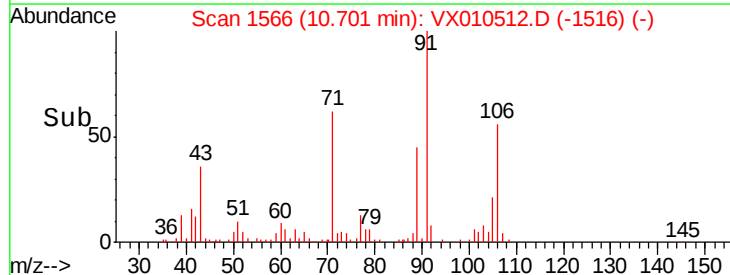
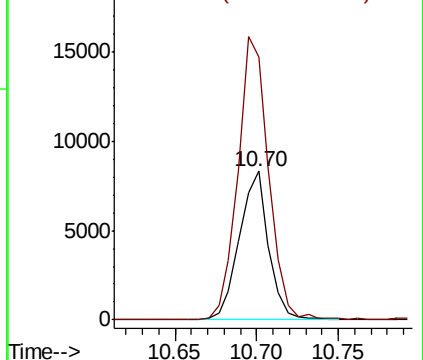


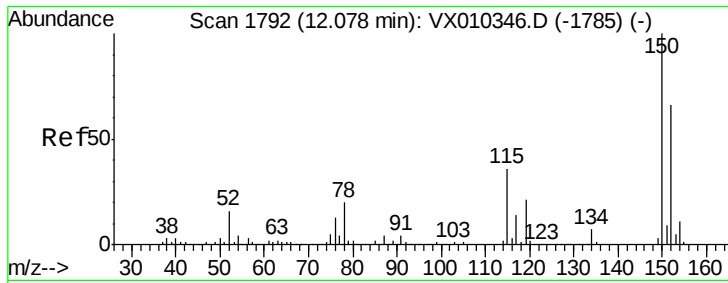
#69
o-Xylene
Concen: 2.169 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX010512.D
Acq: 28 Jun 2019 02:13

Tgt Ion:106 Resp: 10435
Ion Ratio Lower Upper
106 100
91 199.1 102.7 308.1



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



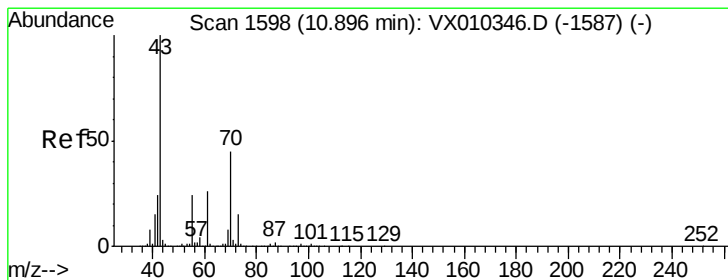
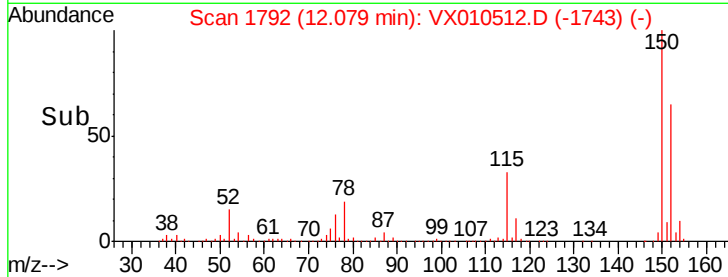
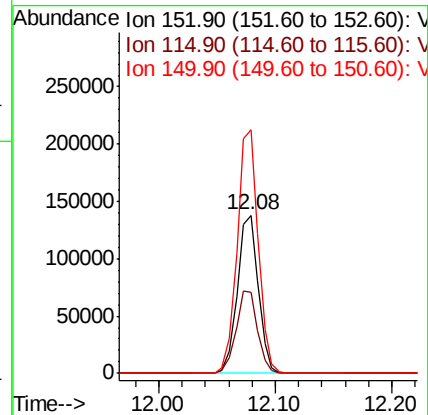
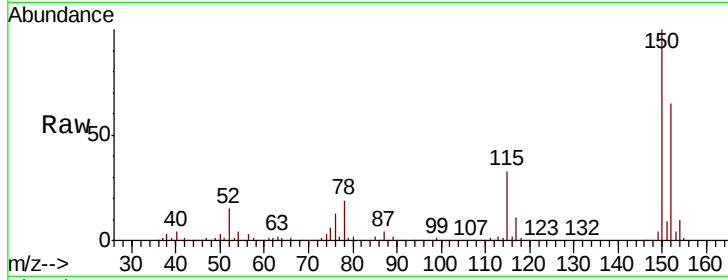


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010512.D
Acq: 28 Jun 2019 02:13

Instrument :
MSVOA_X
ClientSampleId :

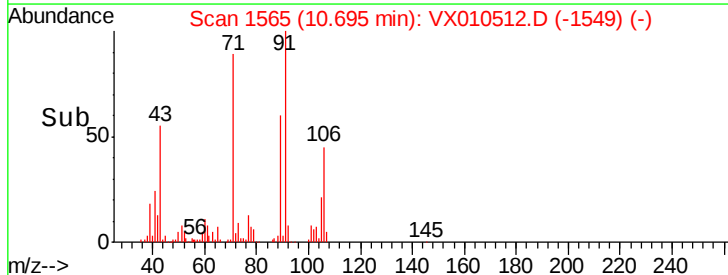
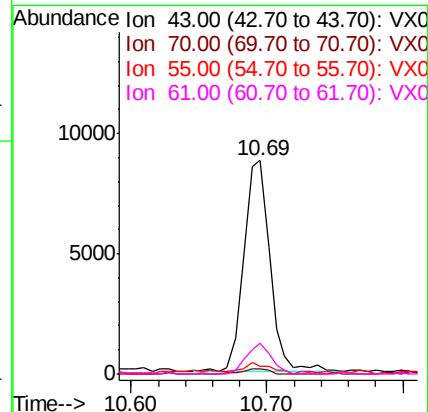
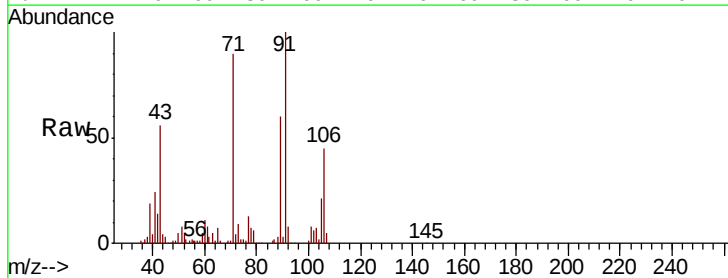
Tot Ion:152 Resp: 172439
Ion Ratio Lower Upper
152 100
115 53.0 38.6 115.7
150 154.7 0.0 347.4

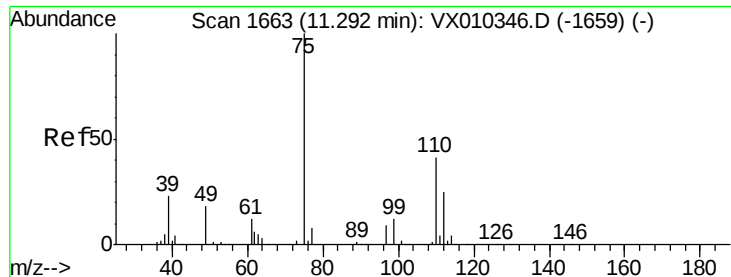


#74

N-amil acetate
Concen: 2.666 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.20 min
Lab File: VX010512.D
Acq: 28 Jun 2019 02:13

Tgt Ion: 43 Resp: 11778
Ion Ratio Lower Upper
43 100
70 2.6 36.6 54.8#
55 5.7 18.7 28.1#
61 14.4 20.6 31.0#





#76

1,2,3-Trichloropropane

Concen: 24.324 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX010512.D

Acq: 28 Jun 2019 02:13

Instrument :

MSVOA_X

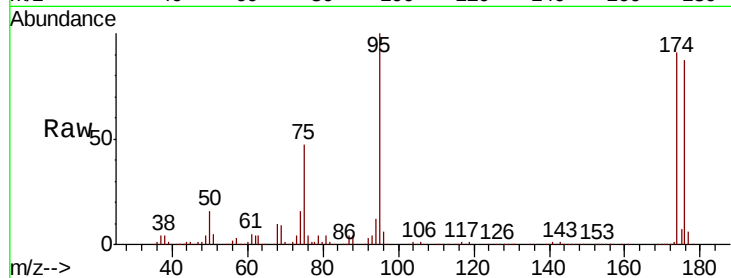
ClientSampleId :

Tot Ion: 75 Resp: 76434

Ion Ratio Lower Upper

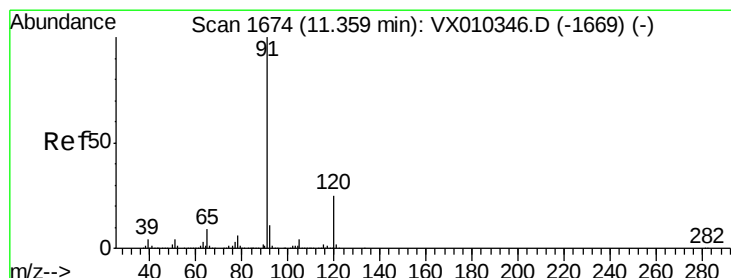
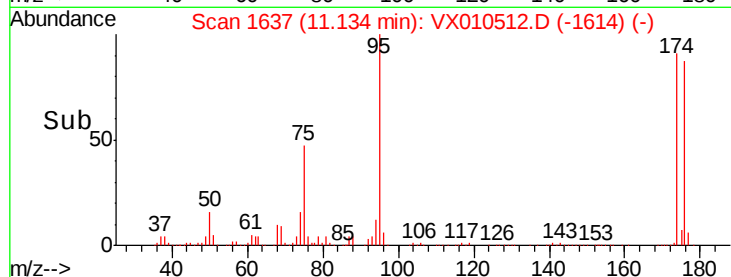
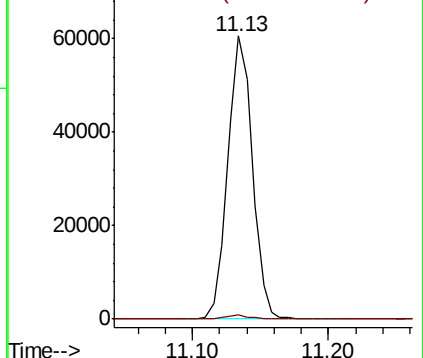
75 100

77 1.4 22.6 67.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#78

n-propylbenzene

Concen: 0.368 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010512.D

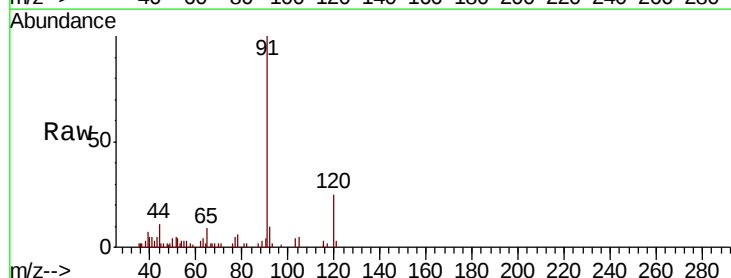
Acq: 28 Jun 2019 02:13

Tgt Ion: 91 Resp: 4731

Ion Ratio Lower Upper

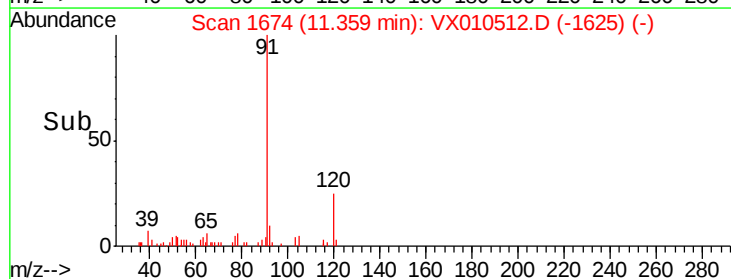
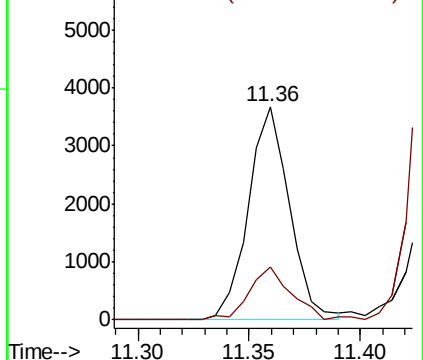
91 100

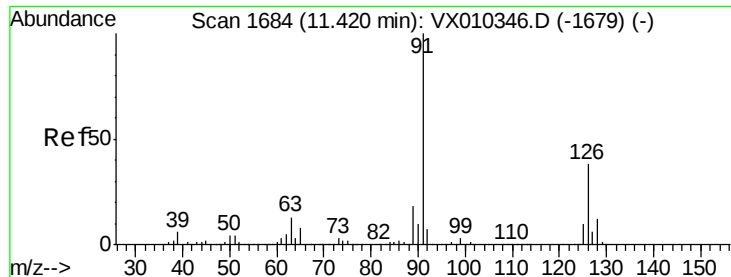
120 25.6 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

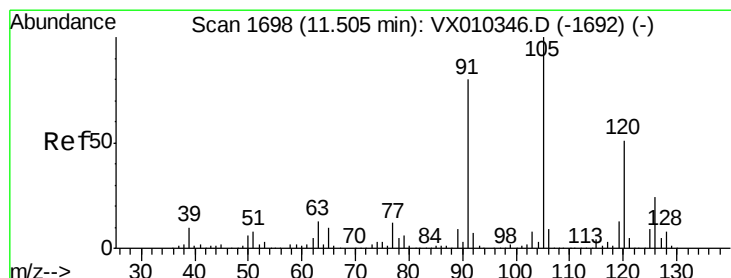
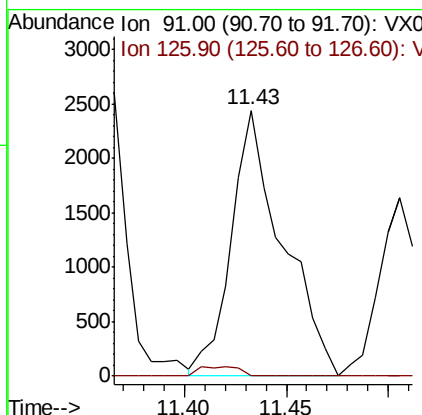
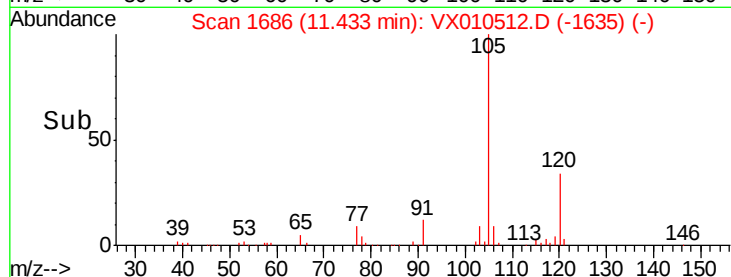
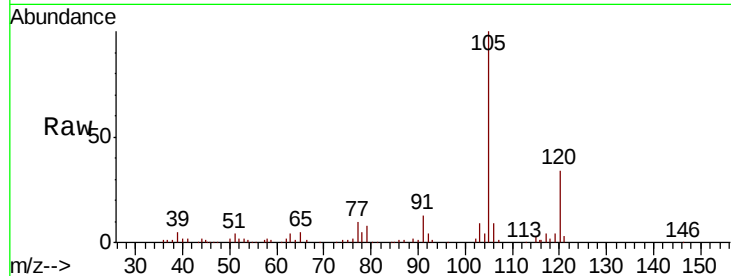




#79
2-Chlorotoluene
Concen: 0.557 ug/l
RT: 11.43 min Scan# 1686
Delta R.T. 0.01 min
Lab File: VX010512.D
Acq: 28 Jun 2019 02:13

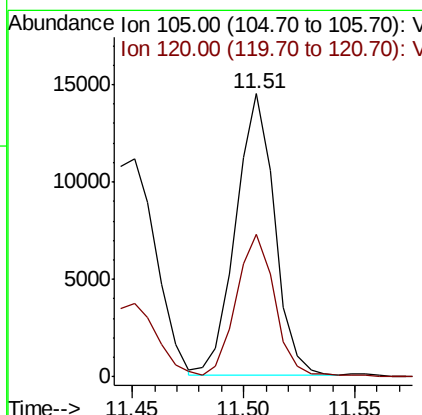
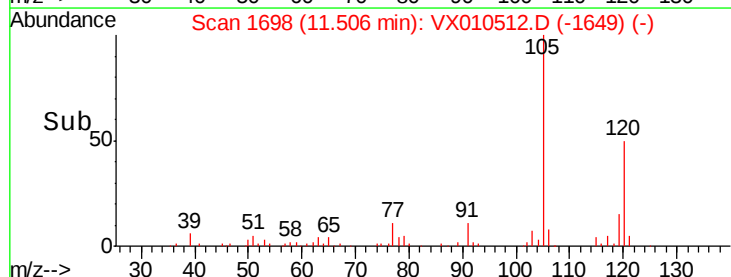
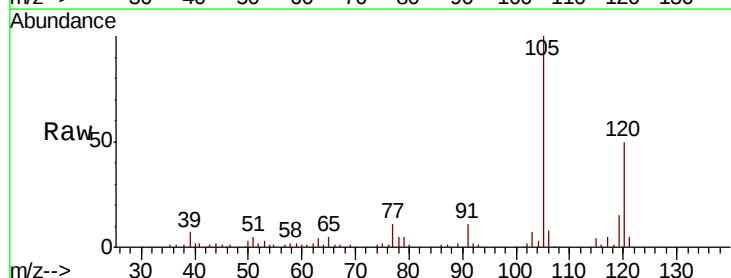
Instrument :
MSVOA_X
ClientSampled :

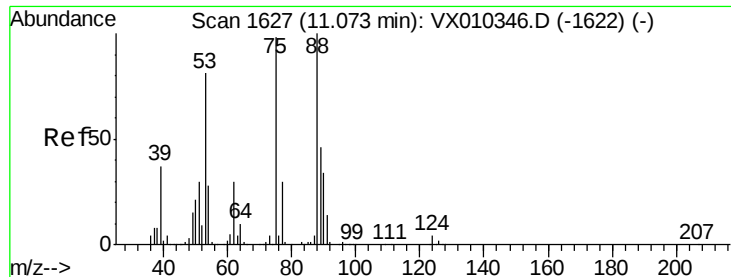
Tot Ion: 91 Resp: 4260
Ion Ratio Lower Upper
91 100
126 0.0 18.7 56.1#



#80
1,3,5-Trimethylbenzene
Concen: 1.817 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX010512.D
Acq: 28 Jun 2019 02:13

Tgt Ion: 105 Resp: 17507
Ion Ratio Lower Upper
105 100
120 51.0 25.2 75.6





#81

trans-1,4-Dichloro-2-butene

Concen: 56.746 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX010512.D

Acq: 28 Jun 2019 02:13

Instrument :

MSVOA_X

ClientSampleId :

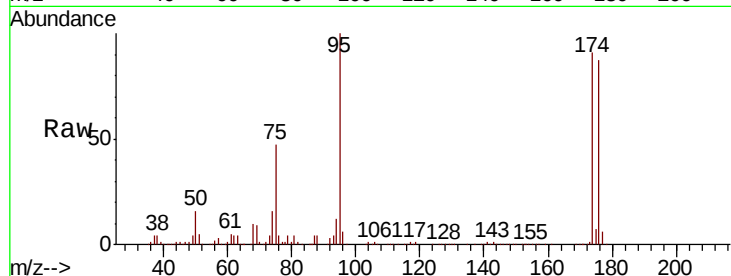
Tot Ion: 75 Resp: 76434

Ion Ratio Lower Upper

75 100

53 0.0 66.1 99.1#

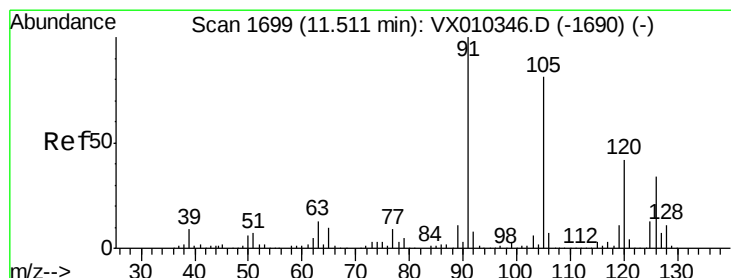
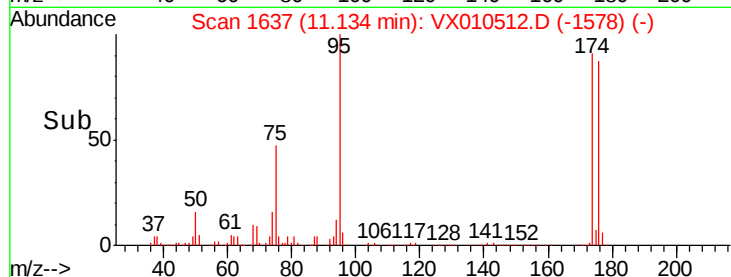
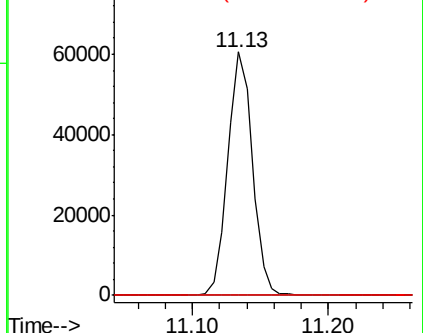
89 0.0 37.8 56.6#



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



#82

4-Chlorotoluene

Concen: 0.252 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX010512.D

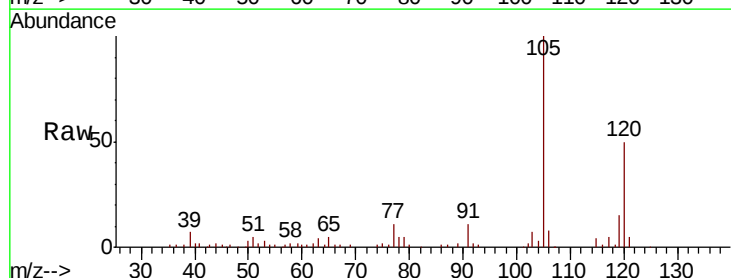
Acq: 28 Jun 2019 02:13

Tgt Ion: 91 Resp: 2198

Ion Ratio Lower Upper

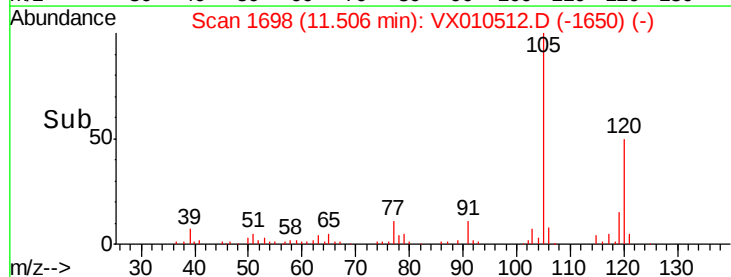
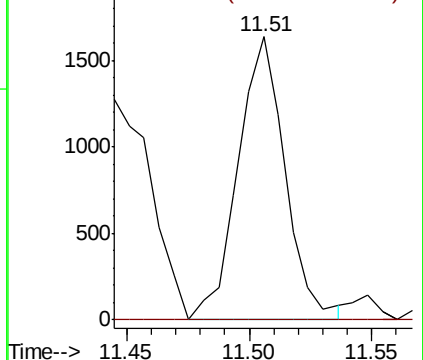
91 100

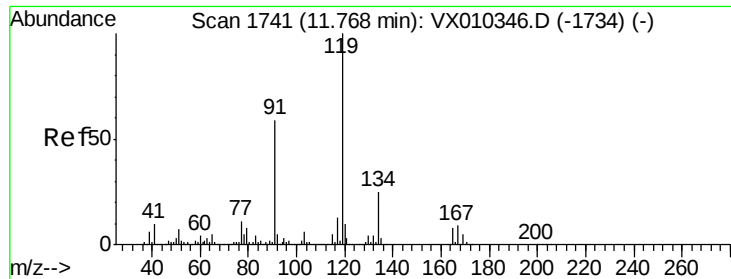
126 0.0 16.2 48.6#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 1.088 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.04 min

Lab File: VX010512.D

Acq: 28 Jun 2019 02:13

Instrument :

MSVOA_X

ClientSampleId :

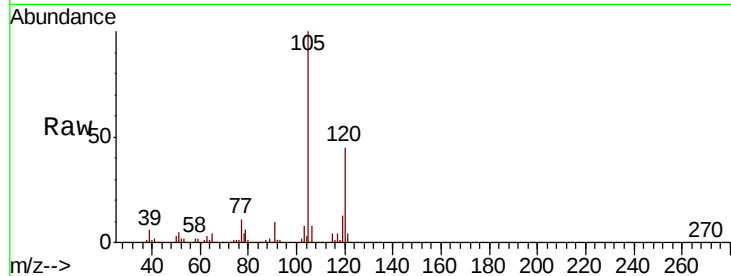
Tot Ion:119 Resp: 10520

Ion Ratio Lower Upper

119 100

91 75.7 27.6 82.7

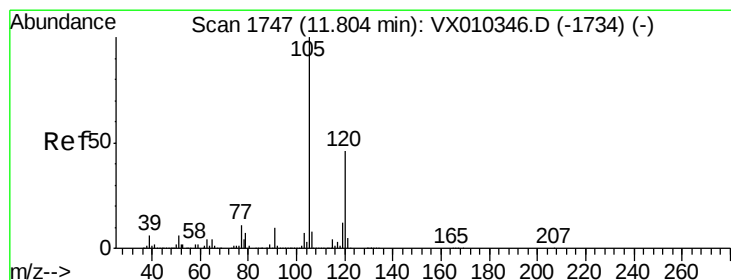
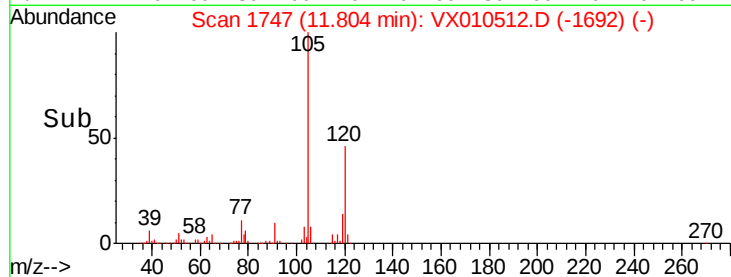
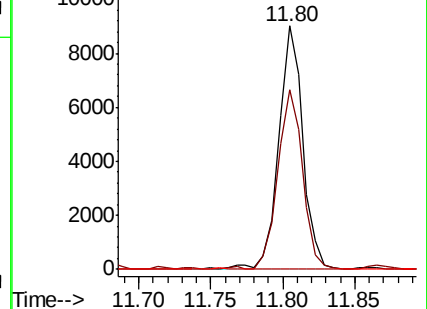
134 0.0 11.8 35.4#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 8.226 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX010512.D

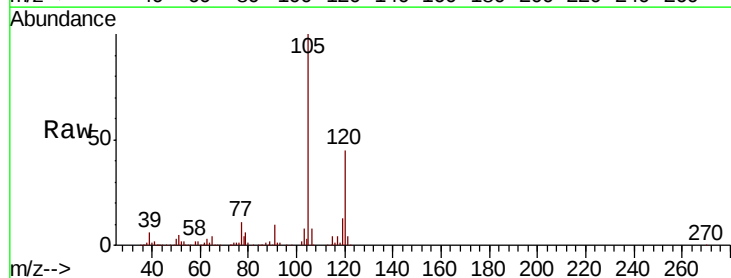
Acq: 28 Jun 2019 02:13

Tgt Ion:105 Resp: 79638

Ion Ratio Lower Upper

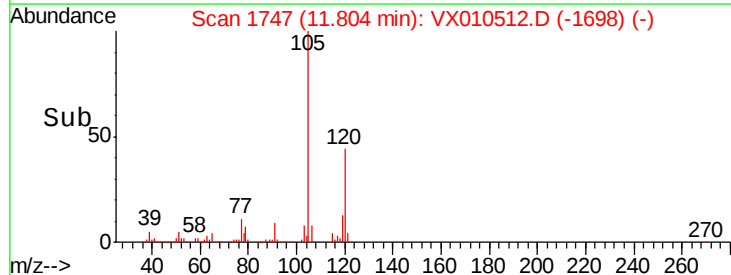
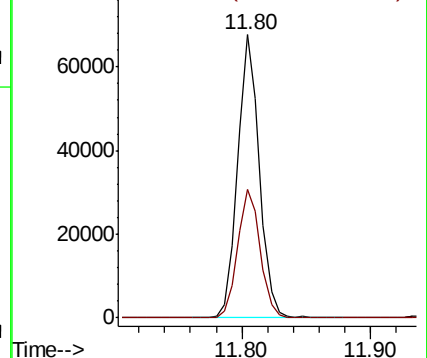
105 100

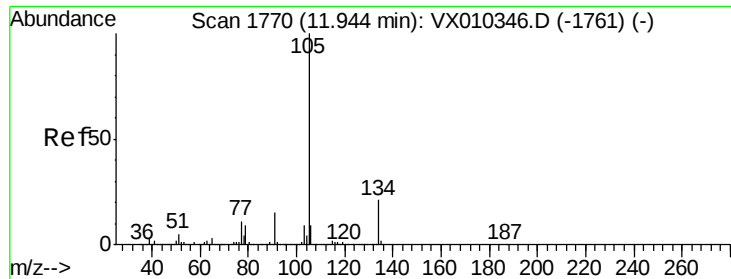
120 47.1 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

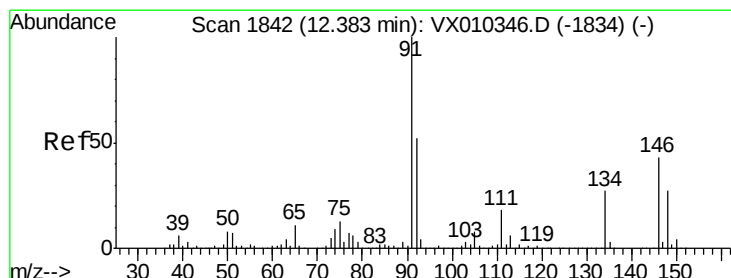
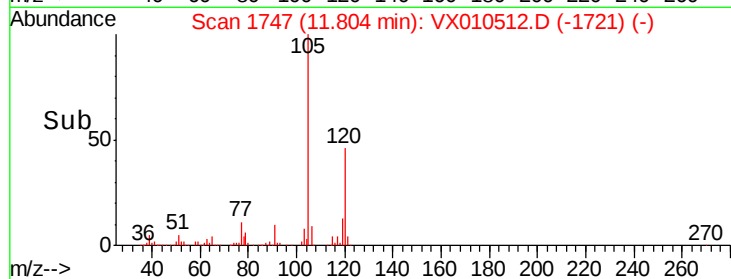
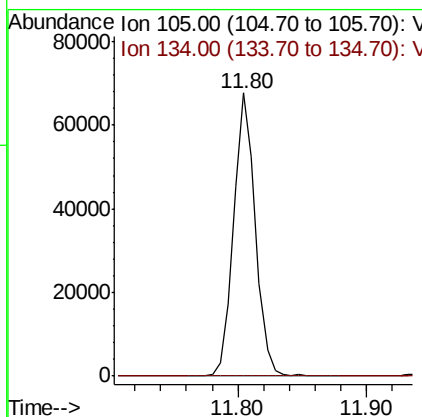
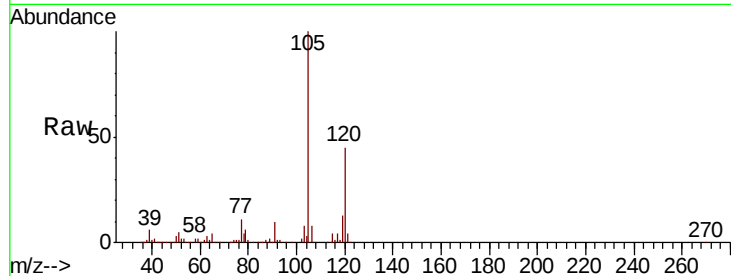




#85
 sec-Butylbenzene
 Concen: 7.013 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.14 min
 Lab File: VX010512.D
 Acq: 28 Jun 2019 02:13

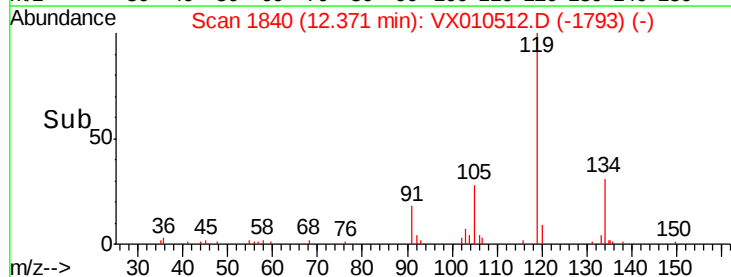
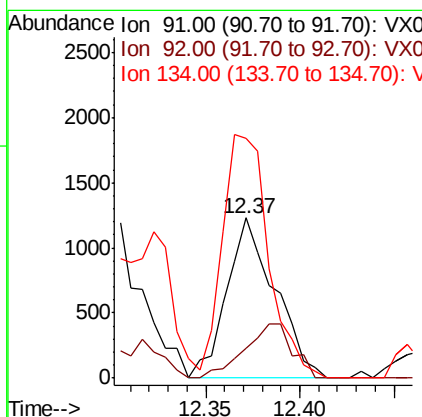
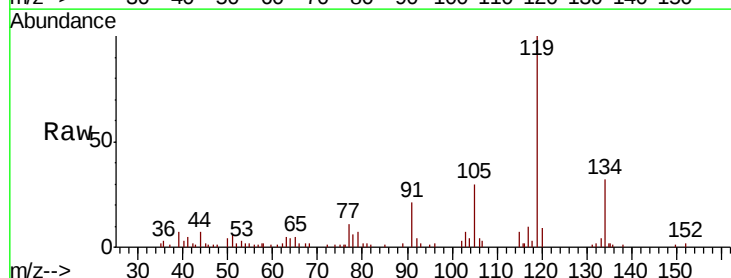
Instrument :
 MSVOA_X
 ClientSampleId :

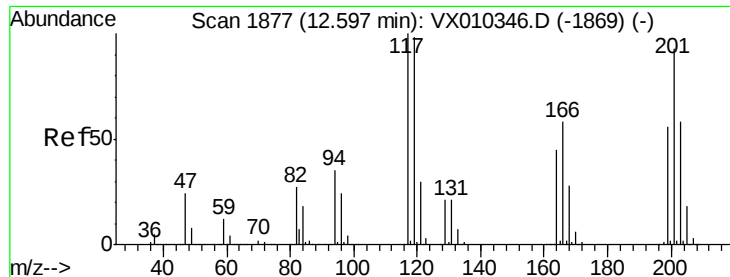
Tot Ion:105 Resp: 79638
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.7 31.9#



#89
 n-Butylbenzene
 Concen: 0.245 ug/l
 RT: 12.37 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: VX010512.D
 Acq: 28 Jun 2019 02:13

Tgt Ion: 91 Resp: 2184
 Ion Ratio Lower Upper
 91 100
 92 0.0 26.2 78.5#
 134 145.3 14.1 42.4#





#90

Hexachloroethane

Concen: 0.268 ug/l

RT: 12.58 min Scan# 1875

Delta R.T. -0.01 min

Lab File: VX010512.D

Acq: 28 Jun 2019 02:13

Instrument :

MSVOA_X

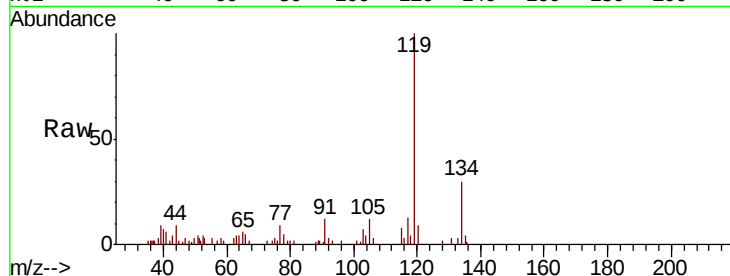
ClientSampled :

Tot Ion:117 Resp: 487

Ion Ratio Lower Upper

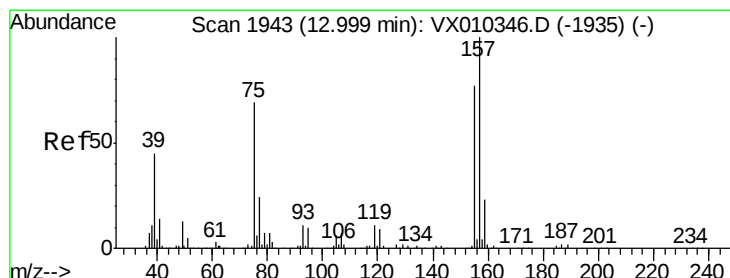
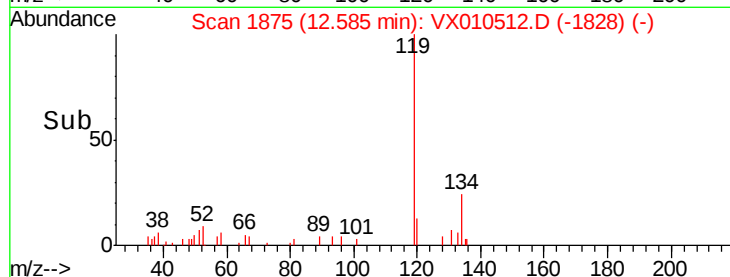
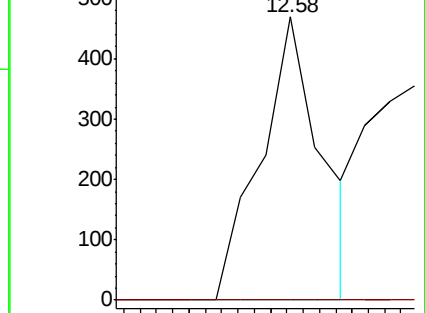
117 100

201 0.0 44.0 131.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.350 ug/l

RT: 12.97 min Scan# 1938

Delta R.T. -0.03 min

Lab File: VX010512.D

Acq: 28 Jun 2019 02:13

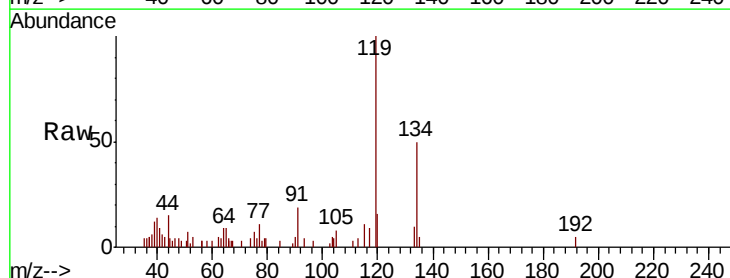
Tgt Ion: 75 Resp: 292

Ion Ratio Lower Upper

75 100

155 0.0 54.4 163.1#

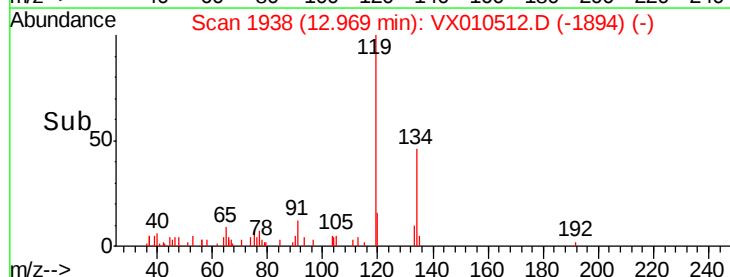
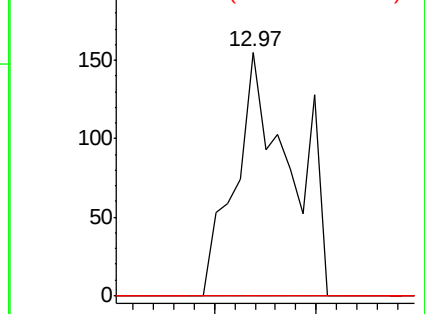
157 0.0 69.5 208.3#

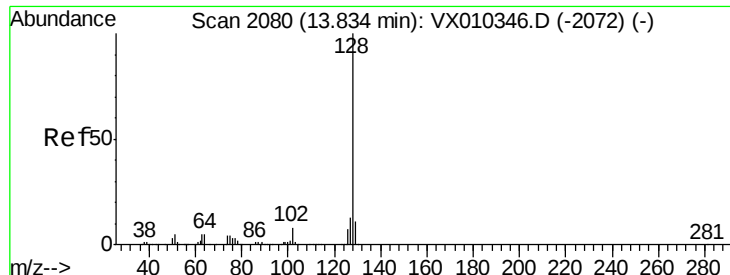


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95
Naphthalene
Concen: 3.395 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010512.D
Acq: 28 Jun 2019 02:13

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.2	15.4
129	11.8	8.9	13.3

