

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062719\
 Data File : VX010521.D
 Acq On : 28 Jun 2019 05:44
 Operator : JC/SP
 Sample : K3529-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 28 06:58:05 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	244465	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	373958	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	342150	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	170110	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	116652	50.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.78%	
35) Dibromofluoromethane	5.50	113	112973	49.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.76%	
50) Toluene-d8	8.71	98	445496	50.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.78%	
62) 4-Bromofluorobenzene	11.13	95	152482	48.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.50%	

Target Compounds

						Qvalue
3) Chloromethane	1.33	50	450	0.227	ug/l #	87
5) Bromomethane	1.64	94	240	0.227	ug/l #	69
8) Diethyl Ether	2.19	74	1215	0.986	ug/l	70
11) Tert butyl alcohol	3.04	59	3707	6.181	ug/l	100
13) Acrolein	2.30	56	1015	2.551	ug/l	93
14) Allyl chloride	2.61	41	3110	1.034	ug/l #	52
16) Acetone	2.44	43	110006	95.763	ug/l	99
17) Carbon Disulfide	2.57	76	1487	0.262	ug/l #	77
18) Methyl Acetate	2.78	43	2915	1.273	ug/l #	86
20) Methylene Chloride	2.85	84	686161	290.251	ug/l	99
25) 2-Butanone	4.67	43	49397	29.315	ug/l	99
29) Tetrahydrofuran	5.14	42	6908	6.619	ug/l #	43
36) 1,1-Dichloropropene	5.66	75	14859	5.000	ug/l #	48
37) Ethyl Acetate	4.67	43	49397	16.158	ug/l #	66
38) Carbon Tetrachloride	5.67	117	20998	6.525	ug/l #	15
40) Benzene	6.15	78	1953	0.211	ug/l #	50
43) Isopropyl Acetate	6.45	43	8098	1.601	ug/l	95
48) Methyl methacrylate	7.67	41	7781	3.310	ug/l #	19
49) 1,4-Dioxane	7.73	88	24	0.354	ug/l #	1
51) 4-Methyl-2-Pentanone	8.64	43	67057	20.729	ug/l #	77
52) Toluene	8.78	92	8283	1.359	ug/l	96
54) cis-1,3-Dichloropropene	8.62	75	35655	9.520	ug/l #	63
56) Ethyl methacrylate	9.09	69	6266	1.645	ug/l #	66
57) 1,3-Dichloropropane	9.54	76	6794	1.741	ug/l #	45
59) 2-Hexanone	9.49	43	2745	1.078	ug/l	96
68) m/p-Xylenes	10.36	106	1988	0.438	ug/l	96
69) o-Xylene	10.70	106	941	0.211	ug/l	75
74) N-amyl acetate	10.90	43	4311	0.989	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	73229	23.623	ug/l #	33
80) 1,3,5-Trimethylbenzene	11.51	105	2791	0.294	ug/l	85
81) trans-1,4-Dichloro-2-buten	11.13	75	73229	55.111	ug/l #	16
82) 4-Chlorotoluene	11.51	91	5836	0.680	ug/l #	44
83) tert-Butylbenzene	12.02	119	5960	0.625	ug/l #	1
84) 1,2,4-Trimethylbenzene	11.80	105	8017	0.839	ug/l	81

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Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 28 06:58:05 2019
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

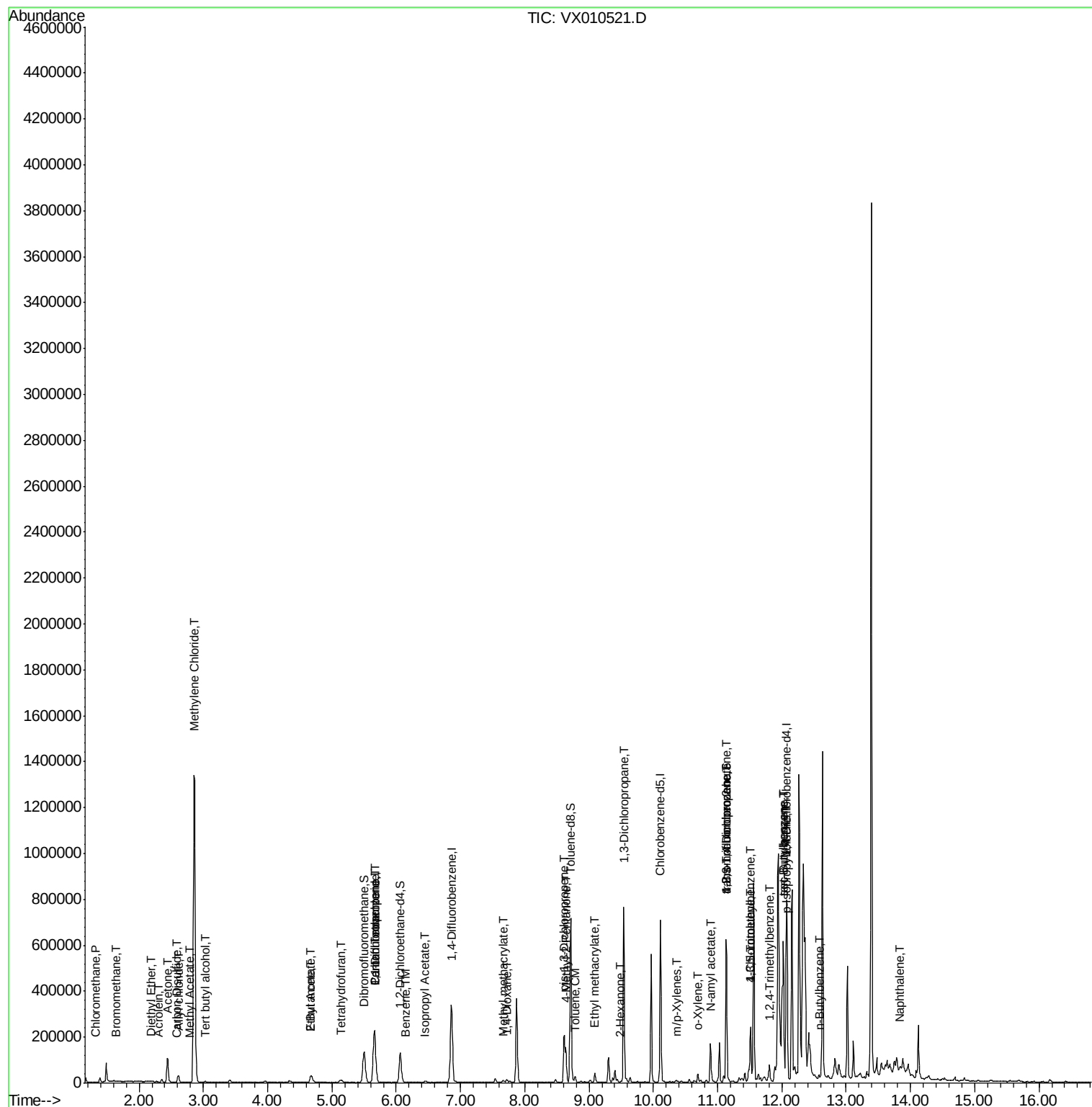
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	12.02	105	7942	0.709	ug/l	98
86) p-Isopropyltoluene	12.06	119	74615	7.201	ug/l	98
89) n-Butylbenzene	12.58	91	1988	0.226	ug/l	75
95) Naphthalene	13.83	128	14379	1.208	ug/l #	94

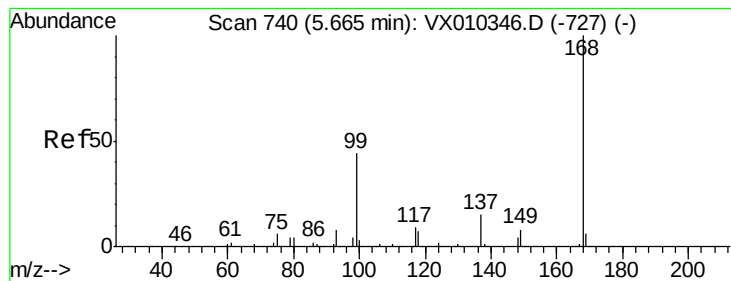
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010521.D

Acq: 28 Jun 2019 05:44

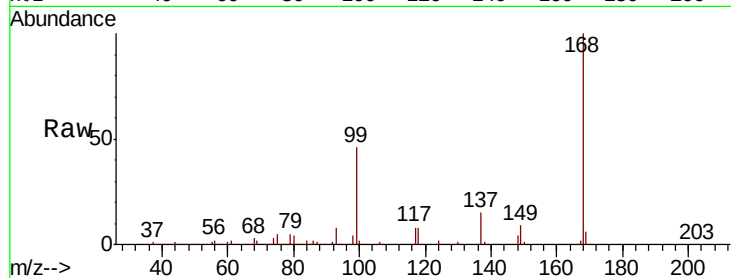
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:168 Resp: 244465

Ion Ratio Lower Upper

168 100

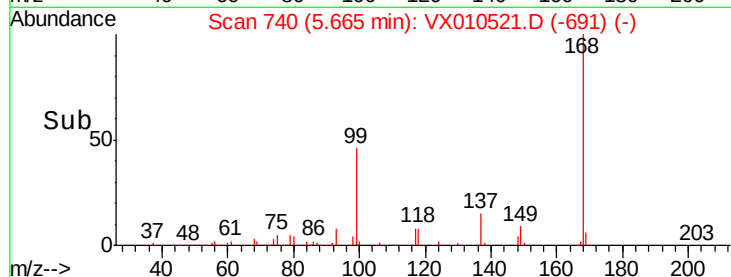
99 45.4 35.5 53.3



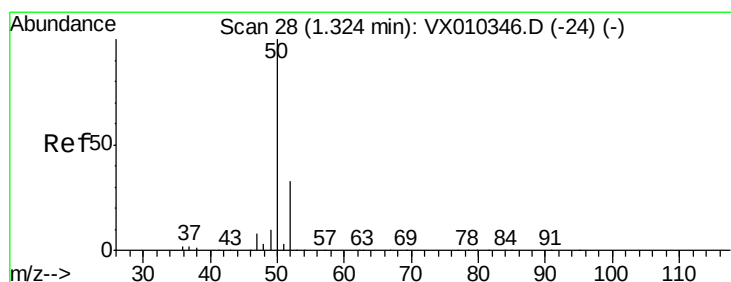
Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67



Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.227 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010521.D

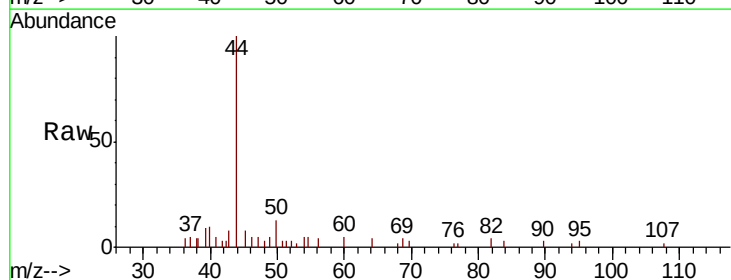
Acq: 28 Jun 2019 05:44

Tgt Ion: 50 Resp: 450

Ion Ratio Lower Upper

50 100

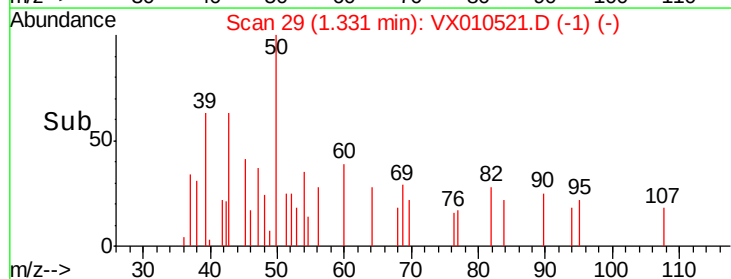
52 25.5 26.5 39.7#



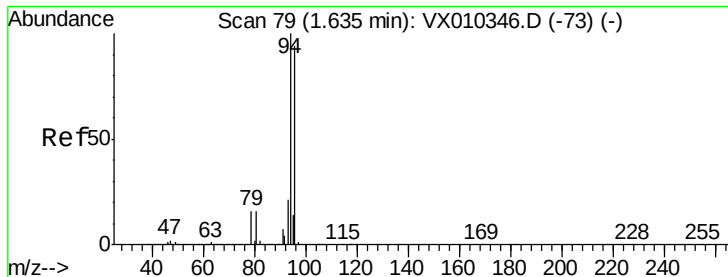
Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.33



Time--> 1.30 1.32 1.34 1.36



#5

Bromomethane

Concen: 0.227 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX010521.D

Acq: 28 Jun 2019 05:44

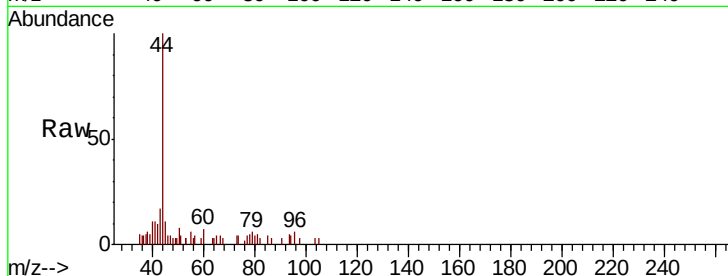
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 94 Resp: 240

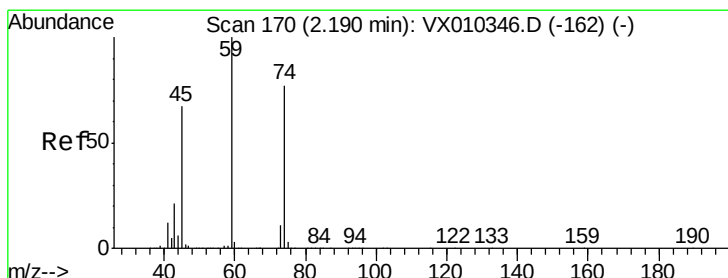
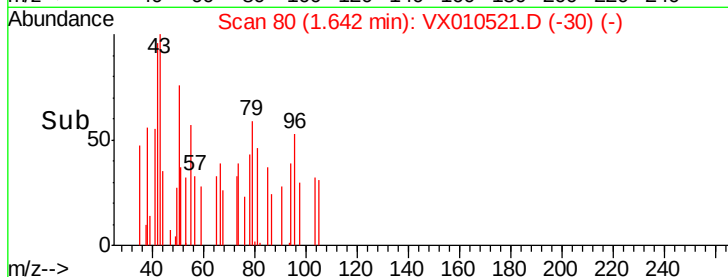
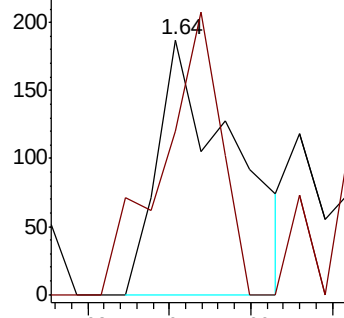
Ion Ratio Lower Upper

94 100

96 64.2 75.5 113.3#



Abundance Ion 93.90 (93.60 to 94.60): VX0
Ion 95.90 (95.60 to 96.60): VX0



#8

Diethyl Ether

Concen: 0.986 ug/l

RT: 2.19 min Scan# 170

Delta R.T. 0.00 min

Lab File: VX010521.D

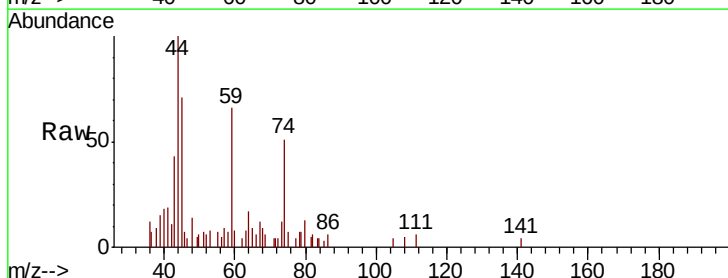
Acq: 28 Jun 2019 05:44

Tgt Ion: 74 Resp: 1215

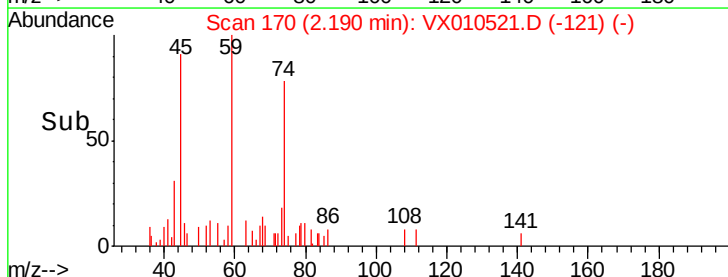
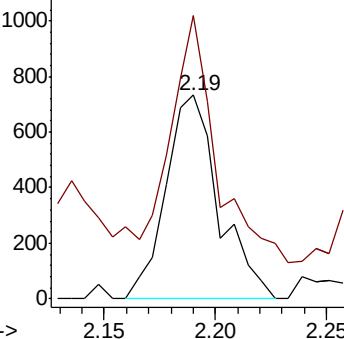
Ion Ratio Lower Upper

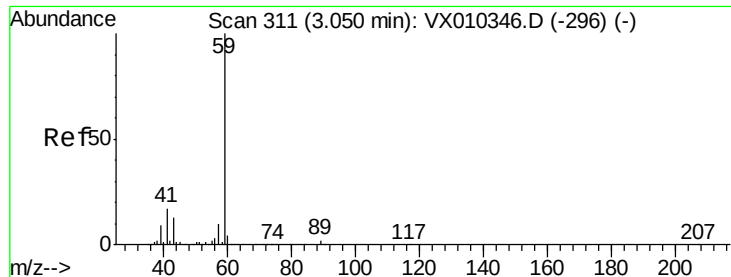
74 100

45 117.4 44.8 134.4



Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0



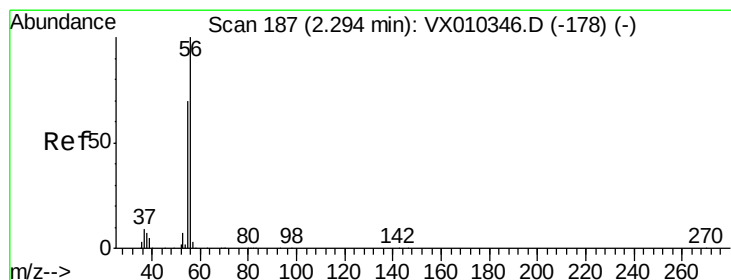
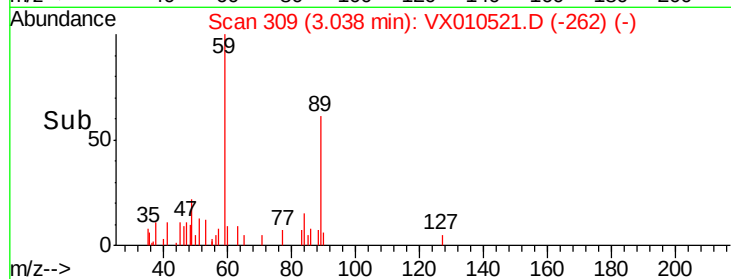
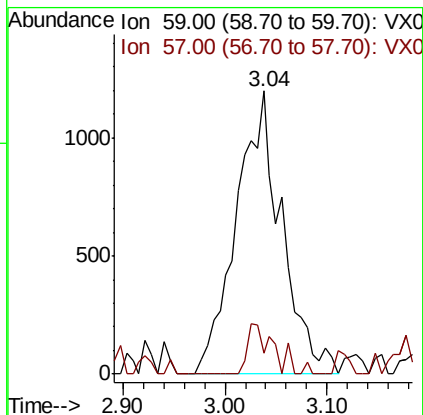
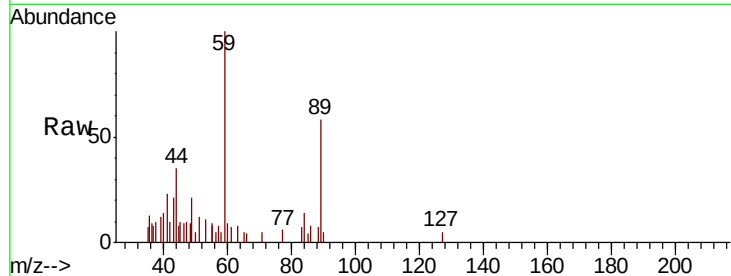


#11

Tert butyl alcohol
Concen: 6.181 ug/l
RT: 3.04 min Scan# 309
Delta R.T. -0.01 min
Lab File: VX010521.D
Acq: 28 Jun 2019 05:44

Instrument :
MSVOA_X
ClientSampleId :

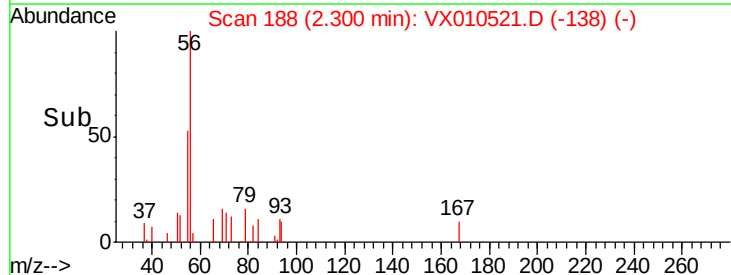
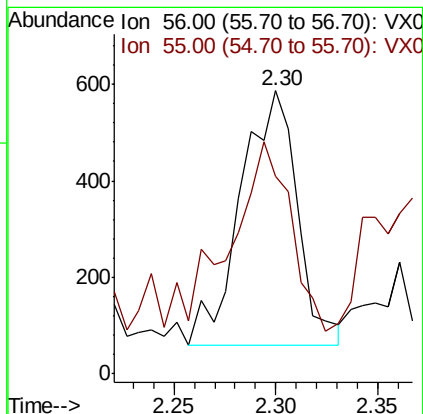
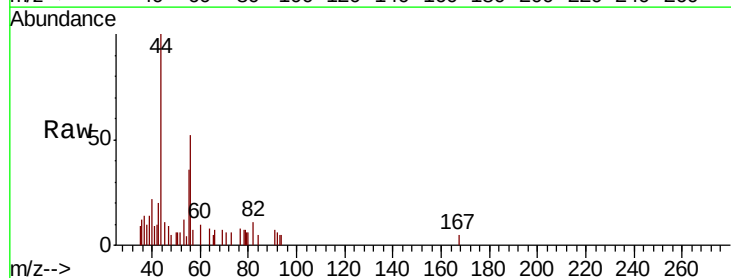
Tot Ion: 59 Resp: 3707
Ion Ratio Lower Upper
59 100
57 9.7 7.7 11.5

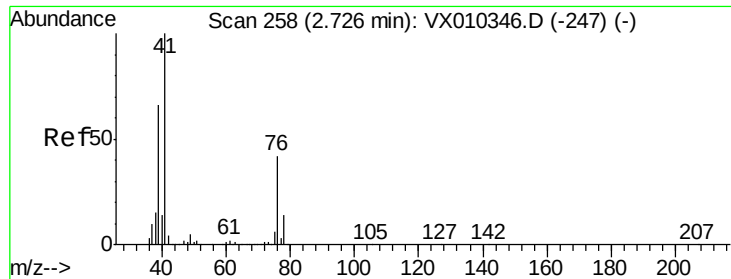


#13

Acrolein
Concen: 2.551 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.01 min
Lab File: VX010521.D
Acq: 28 Jun 2019 05:44

Tgt Ion: 56 Resp: 1015
Ion Ratio Lower Upper
56 100
55 76.7 56.9 85.3

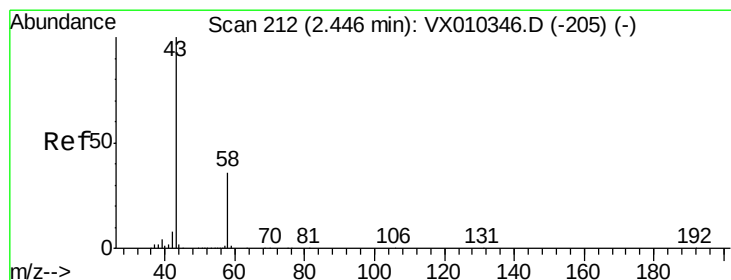
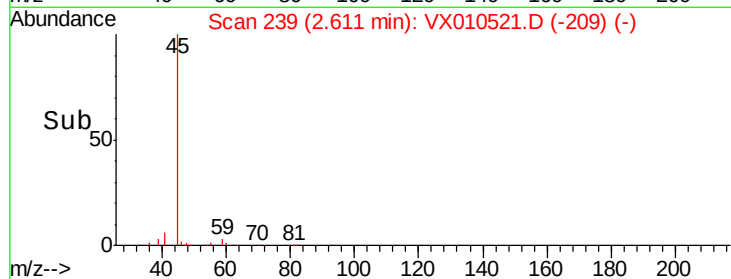
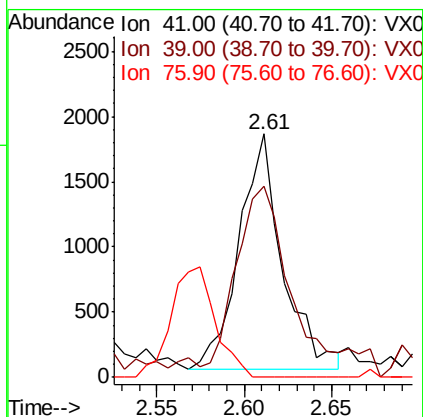
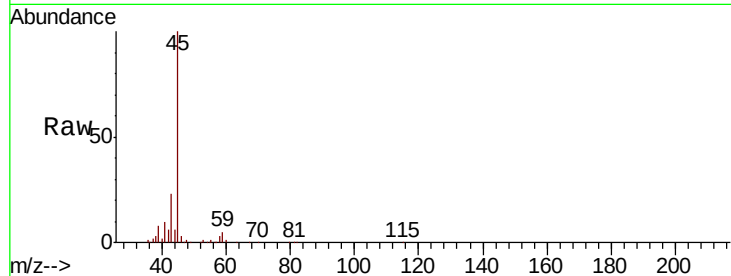




#14
Allvl chloride
Concen: 1.034 ug/l
RT: 2.61 min Scan# 239
Delta R.T. -0.12 min
Lab File: VX010521.D
Acq: 28 Jun 2019 05:44

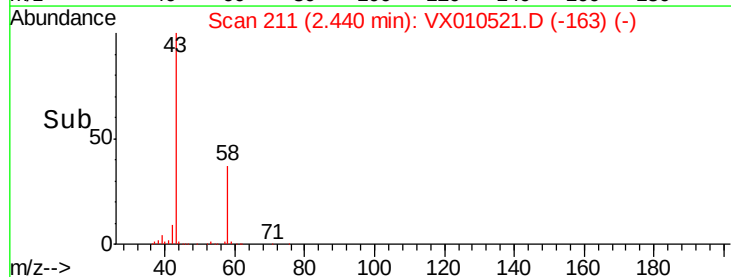
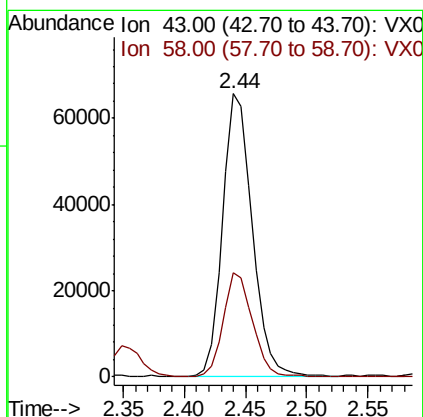
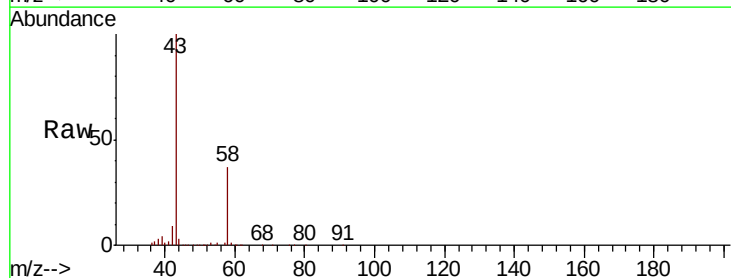
Instrument :
MSVOA_X
ClientSampleId :

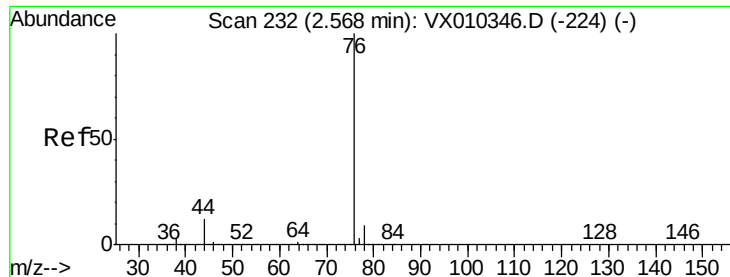
Tot Ion: 41 Resp: 3110
Ion Ratio Lower Upper
41 100
39 91.8 50.3 75.5#
76 0.0 31.3 46.9#



#16
Acetone
Concen: 95.763 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX010521.D
Acq: 28 Jun 2019 05:44

Tgt Ion: 43 Resp: 110006
Ion Ratio Lower Upper
43 100
58 36.5 28.9 43.3





#17

Carbon Disulfide

Concen: 0.262 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX010521.D

Acq: 28 Jun 2019 05:44

Instrument :

MSVOA_X

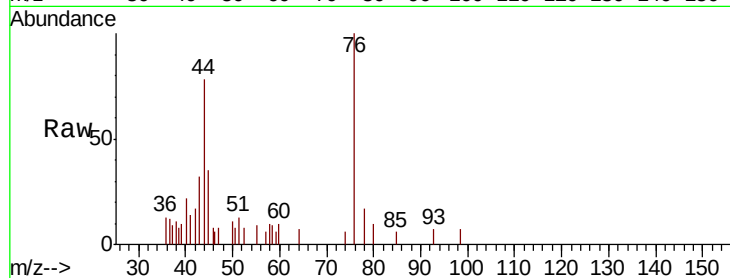
ClientSampleId :

Tot Ion: 76 Resp: 1487

Ion Ratio Lower Upper

76 100

78 17.4 7.3 10.9#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

800

600

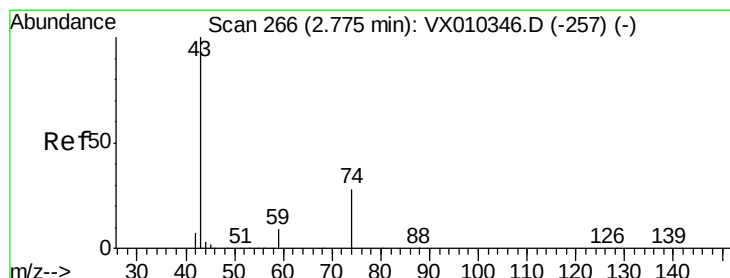
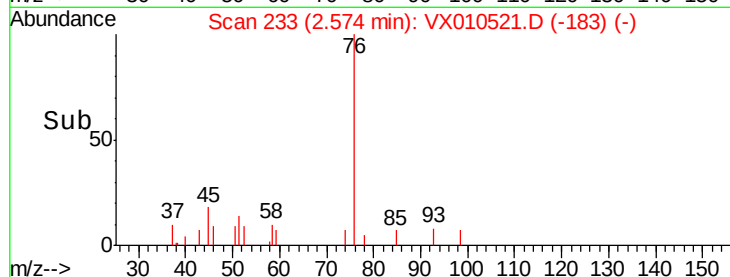
400

200

0

Time-->

2.50 2.55 2.60



#18

Methyl Acetate

Concen: 1.273 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX010521.D

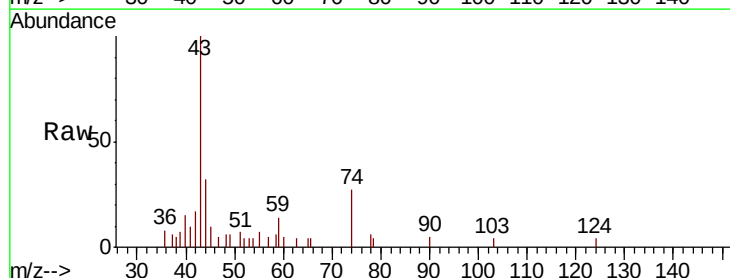
Acq: 28 Jun 2019 05:44

Tgt Ion: 43 Resp: 2915

Ion Ratio Lower Upper

43 100

74 33.7 21.3 31.9#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

1500

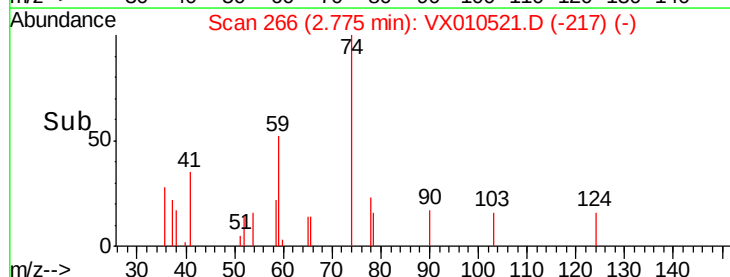
1000

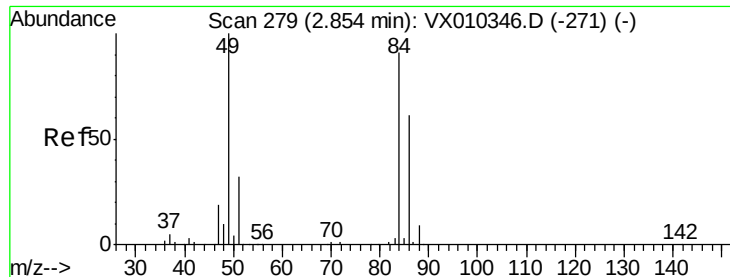
500

0

Time-->

2.75 2.80

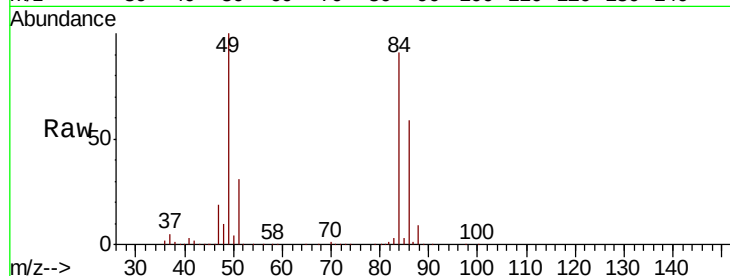




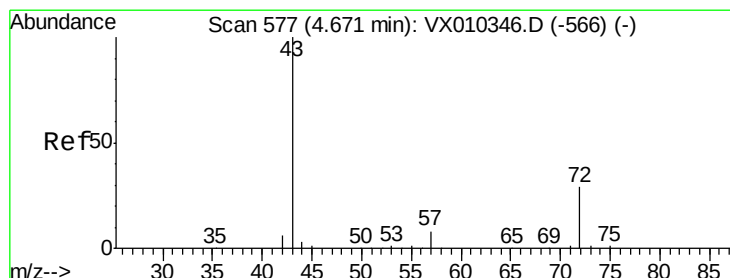
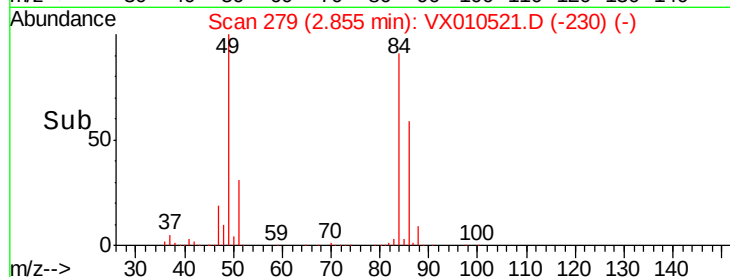
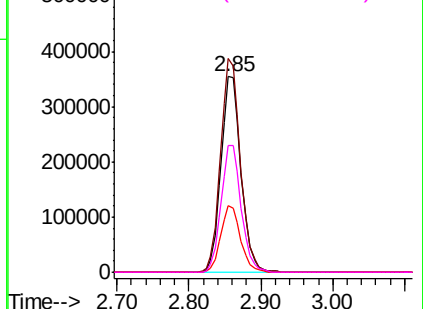
#20
Methvlene Chloride
Concen: 290.251 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010521.D
Acq: 28 Jun 2019 05:44

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	84	Resp:	686161
Ion	Ratio	Lower	Upper
84	100		
49	109.2	87.5	131.3
51	33.8	27.7	41.5
86	64.6	53.4	80.0

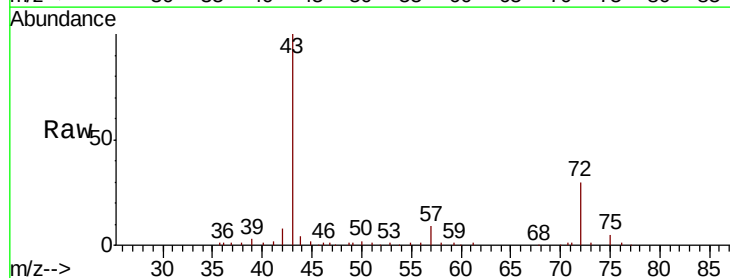


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

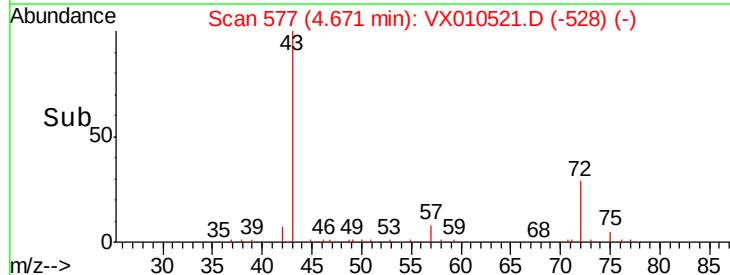
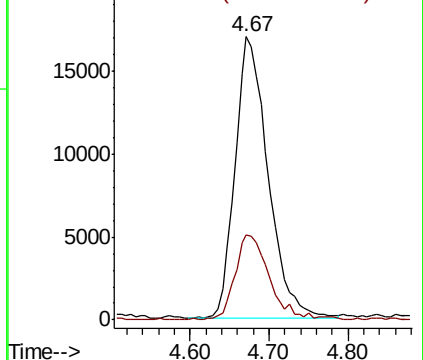


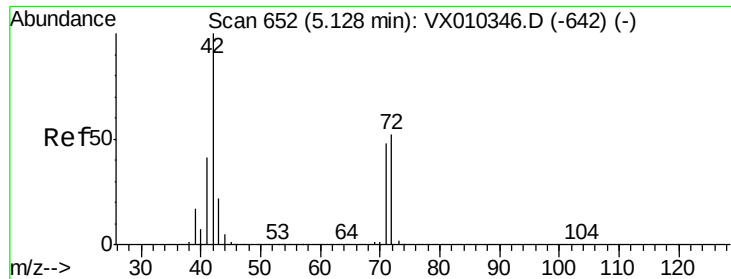
#25
2-Butanone
Concen: 29.315 ug/l
RT: 4.67 min Scan# 577
Delta R.T. 0.00 min
Lab File: VX010521.D
Acq: 28 Jun 2019 05:44

Tgt Ion:	43	Resp:	49397
Ion	Ratio	Lower	Upper
43	100		
72	29.9	23.3	34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 72.00 (71.70 to 72.70): VX0

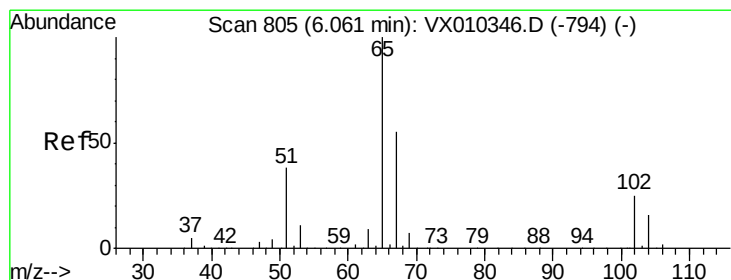
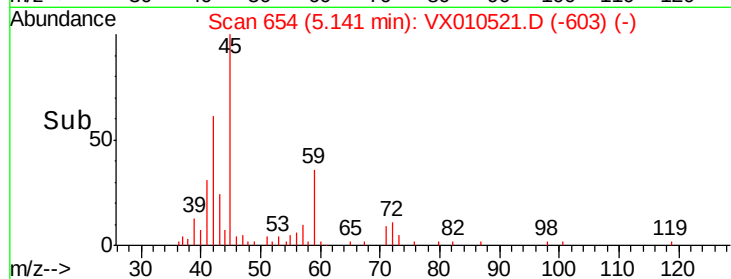
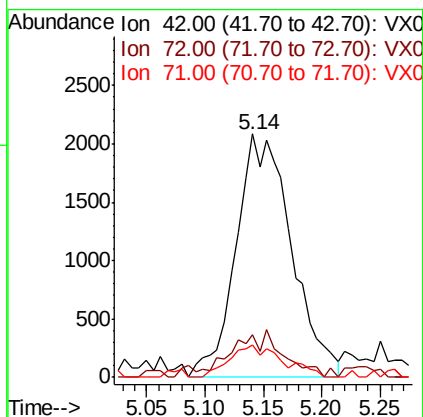
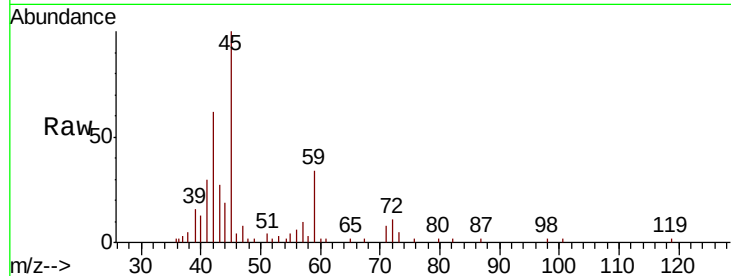




#29
Tetrahydrofuran
Concen: 6.619 ug/l
RT: 5.14 min Scan# 654
Delta R.T. 0.01 min
Lab File: VX010521.D
Acq: 28 Jun 2019 05:44

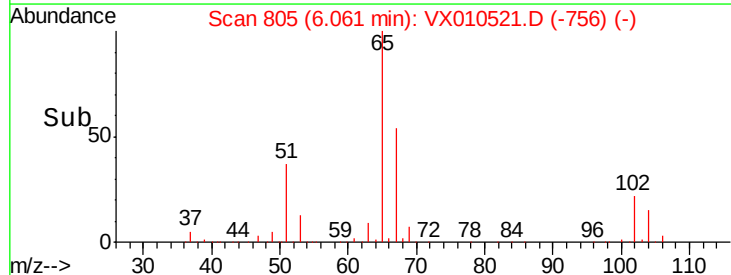
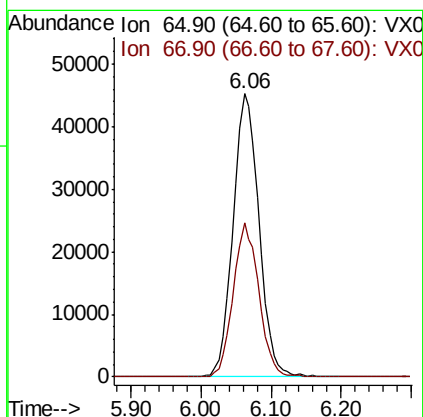
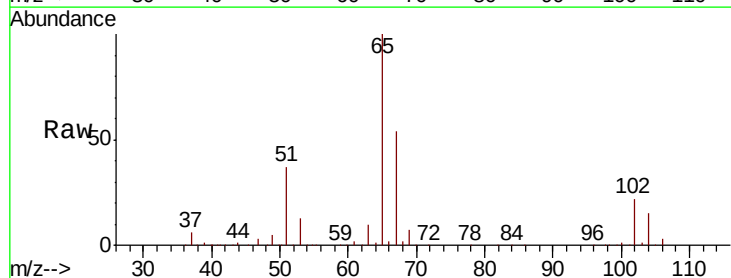
Instrument :
MSVOA_X
ClientSampled :

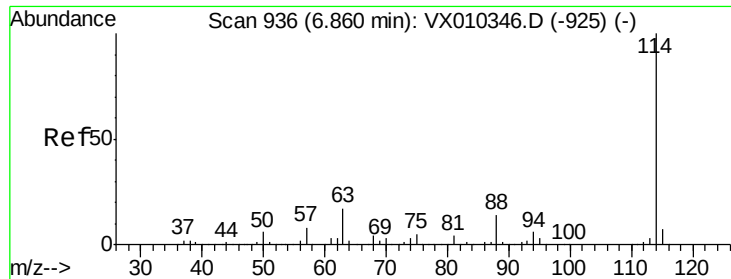
Tot Ion: 42 Resp: 6908
Ion Ratio Lower Upper
42 100
72 7.3 40.6 60.8#
71 12.8 37.8 56.8#



#33
1,2-Dichloroethane-d4
Concen: 50.893 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX010521.D
Acq: 28 Jun 2019 05:44

Tgt Ion: 65 Resp: 116652
Ion Ratio Lower Upper
65 100
67 53.7 0.0 110.2

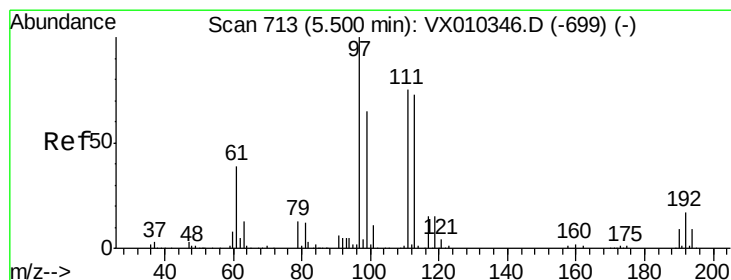
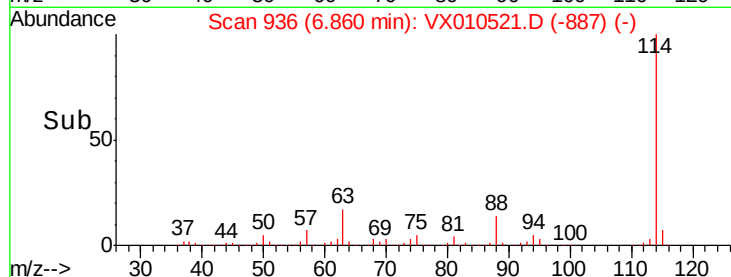
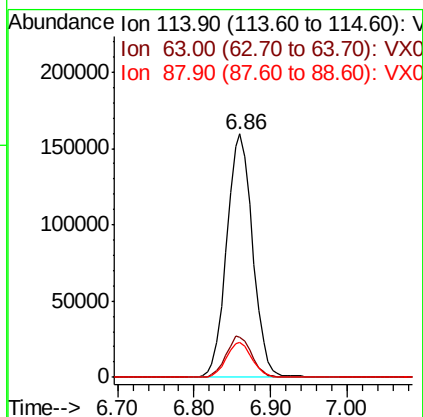
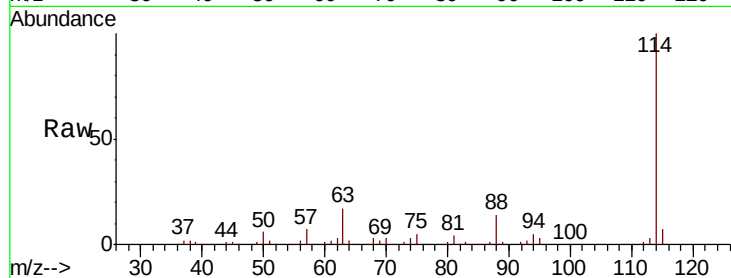




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010521.D
 Acq: 28 Jun 2019 05:44

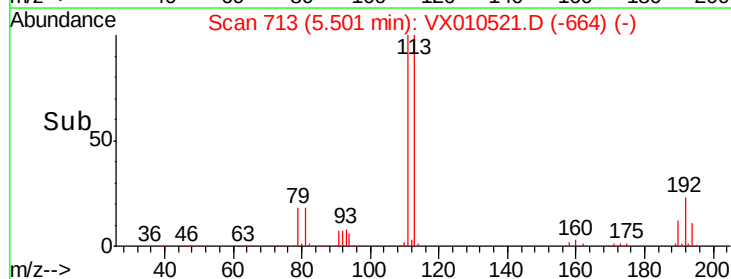
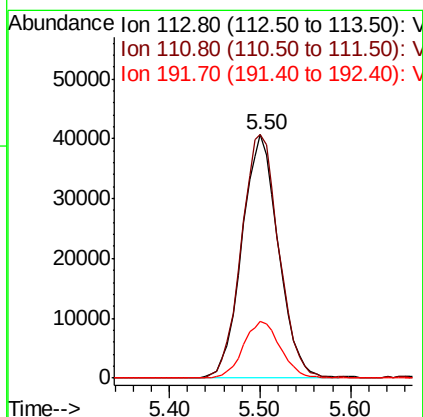
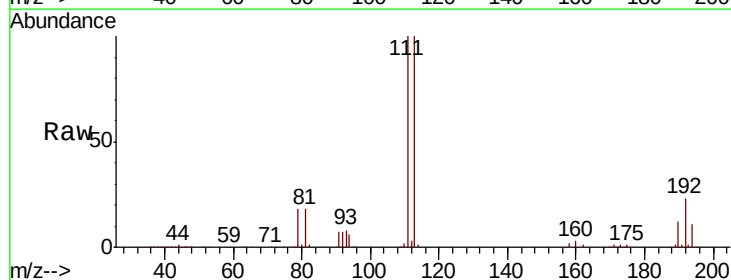
Instrument :
 MSVOA_X
 ClientSampleId :

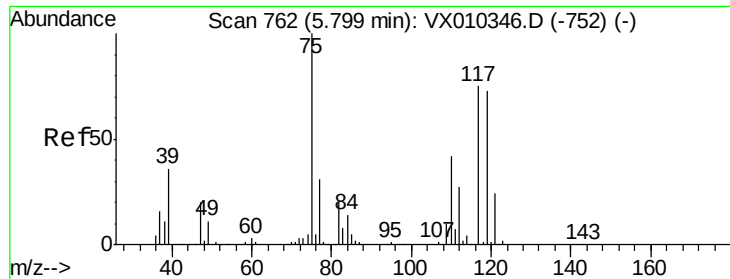
Tot Ion:114 Resp: 373958
 Ion Ratio Lower Upper
 114 100
 63 16.7 0.0 33.8
 88 14.4 0.0 27.6



#35
 Dibromofluoromethane
 Concen: 49.376 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX010521.D
 Acq: 28 Jun 2019 05:44

Tgt Ion:113 Resp: 112973
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.2 121.8
 192 23.6 18.6 27.8

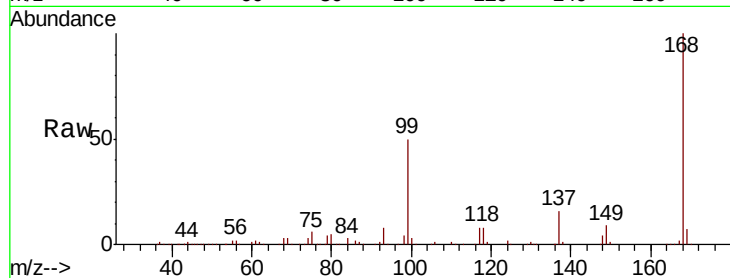




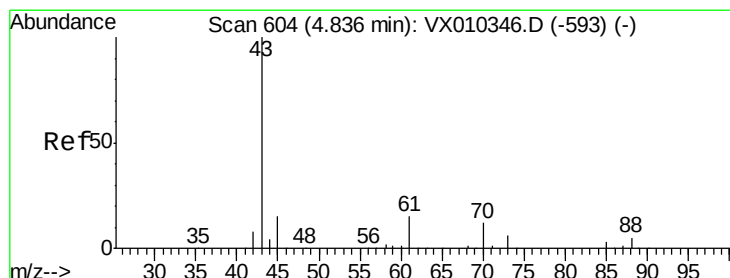
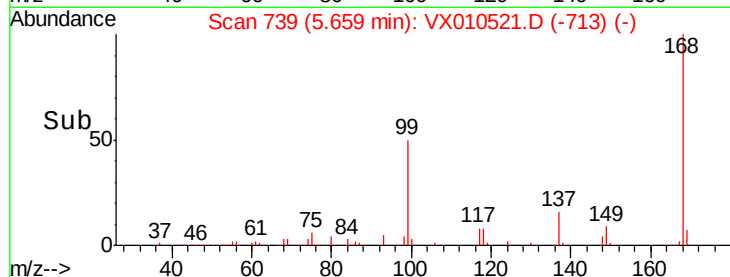
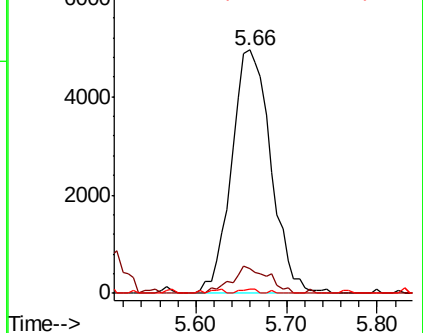
#36
 1,1-Dichloropropene
 Concen: 5.000 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX010521.D
 Acq: 28 Jun 2019 05:44

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
75	100		
110	10.2	20.8	62.2#
77	0.7	25.4	38.0#

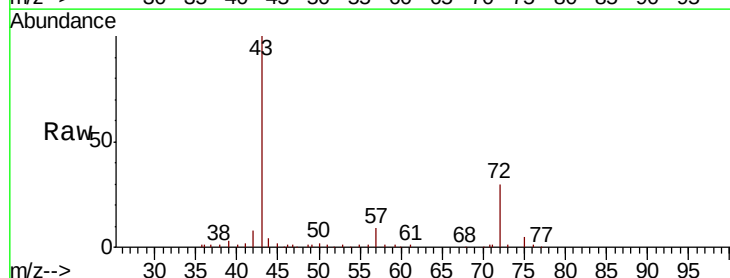


Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

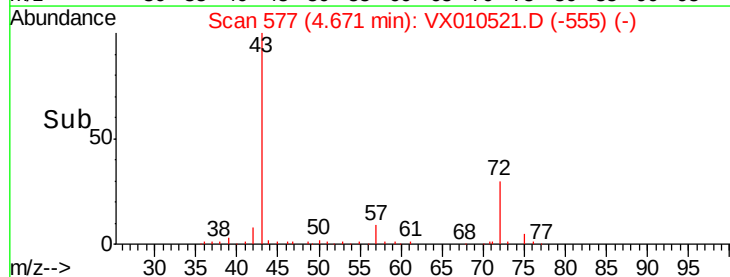
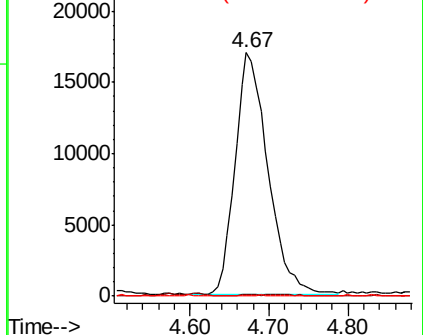


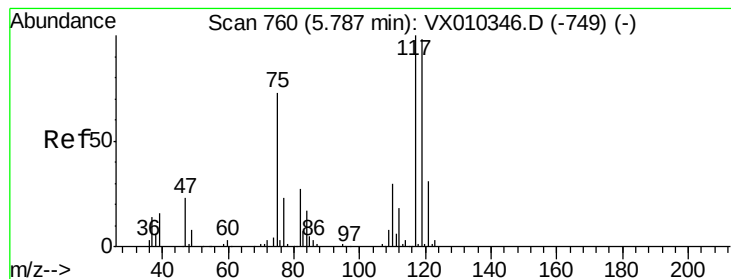
#37
 Ethyl Acetate
 Concen: 16.158 ug/l
 RT: 4.67 min Scan# 577
 Delta R.T. -0.16 min
 Lab File: VX010521.D
 Acq: 28 Jun 2019 05:44

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.6	12.4	18.6#
70	0.1	9.8	14.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 70.00 (69.70 to 70.70): VX0





#38

Carbon Tetrachloride

Concen: 6.525 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX010521.D

Acq: 28 Jun 2019 05:44

Instrument :

MSVOA_X

ClientSampleId :

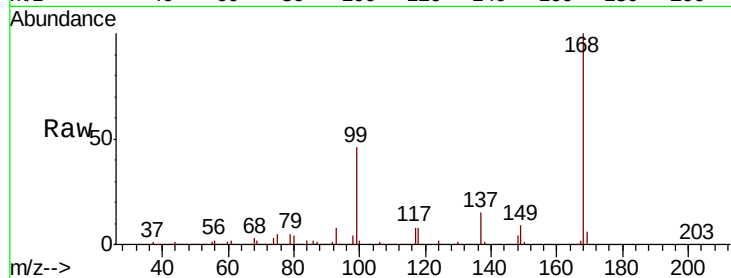
Tot Ion:117 Resp: 20998

Ion Ratio Lower Upper

117 100

119 5.3 78.2 117.4#

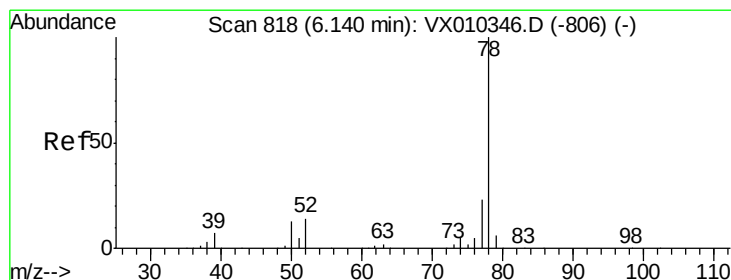
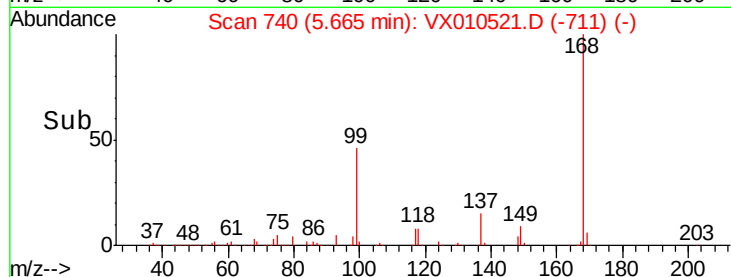
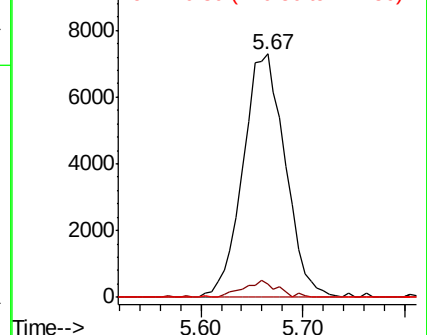
121 0.0 24.7 37.1#



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



#40

Benzene

Concen: 0.211 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX010521.D

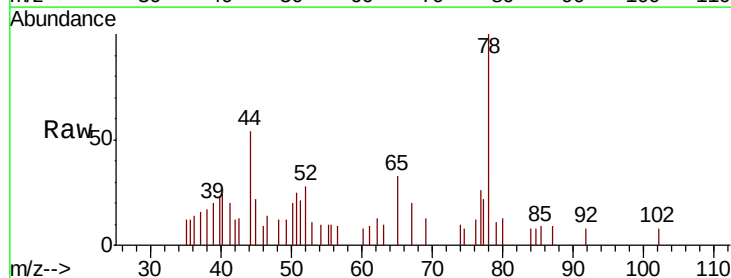
Acq: 28 Jun 2019 05:44

Tgt Ion: 78 Resp: 1953

Ion Ratio Lower Upper

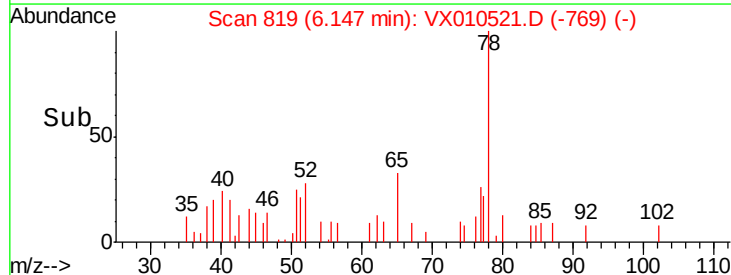
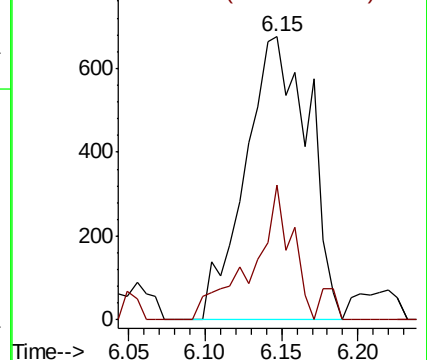
78 100

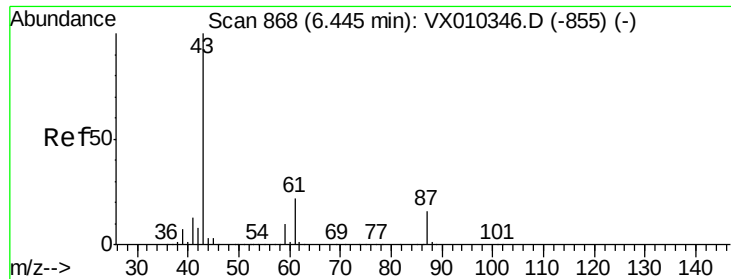
77 47.9 18.6 28.0#



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#43

Isopropyl Acetate

Concen: 1.601 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX010521.D

Acq: 28 Jun 2019 05:44

Instrument :

MSVOA_X

ClientSampleId :

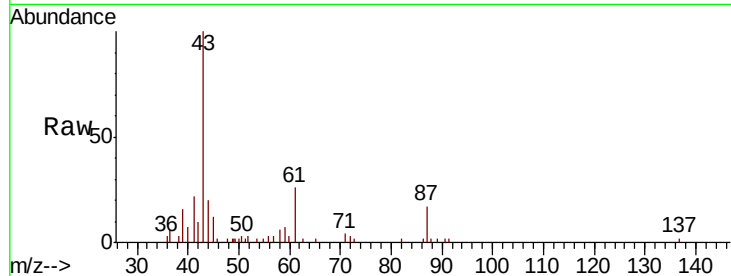
Tot Ion: 43 Resp: 8098

Ion Ratio Lower Upper

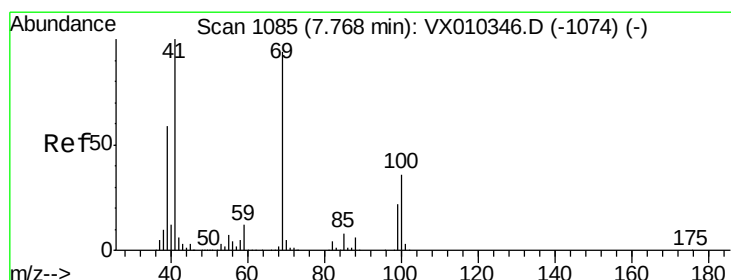
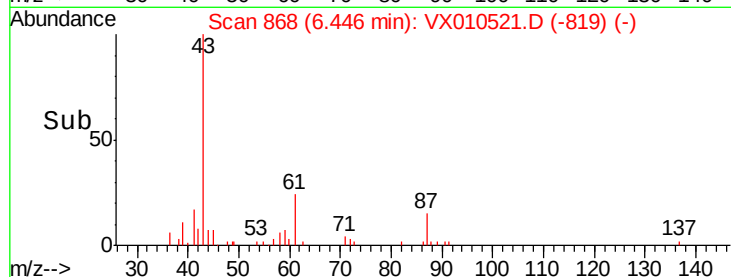
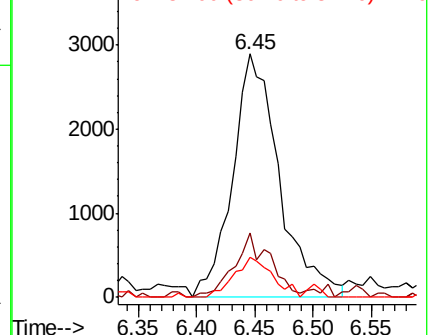
43 100

61 20.2 17.8 26.6

87 13.3 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



#48

Methyl methacrylate

Concen: 3.310 ug/l

RT: 7.67 min Scan# 1069

Delta R.T. -0.10 min

Lab File: VX010521.D

Acq: 28 Jun 2019 05:44

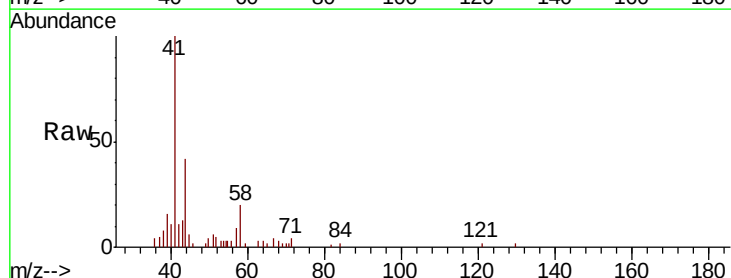
Tgt Ion: 41 Resp: 7781

Ion Ratio Lower Upper

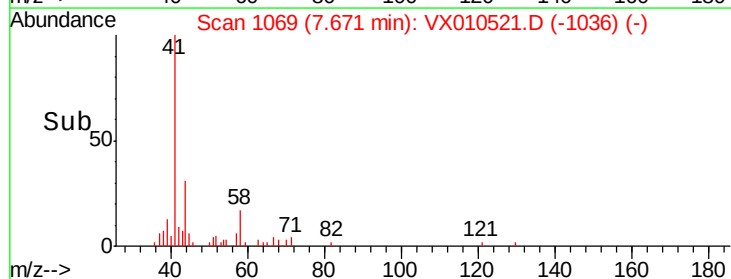
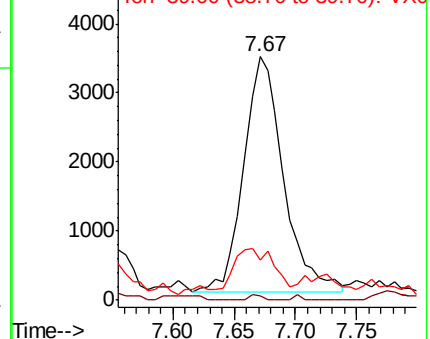
41 100

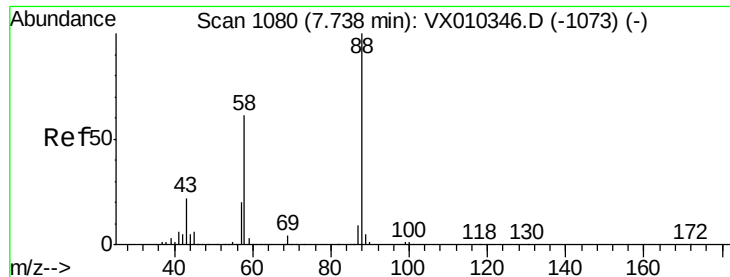
69 0.7 76.1 114.1#

39 17.2 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: 0.354 ug/l

RT: 7.73 min Scan# 1079

Delta R.T. -0.01 min

Lab File: VX010521.D

Acq: 28 Jun 2019 05:44

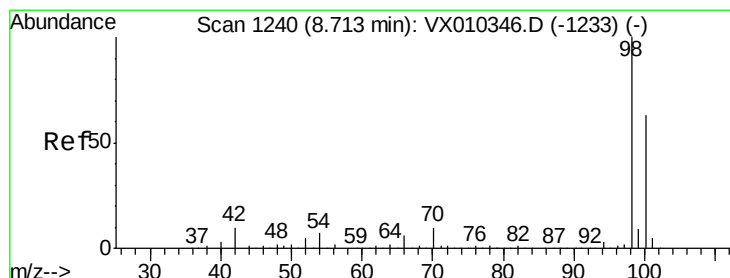
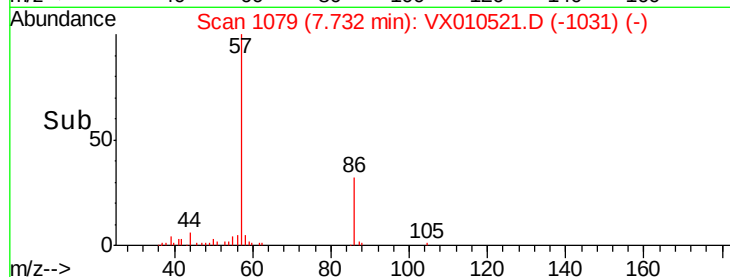
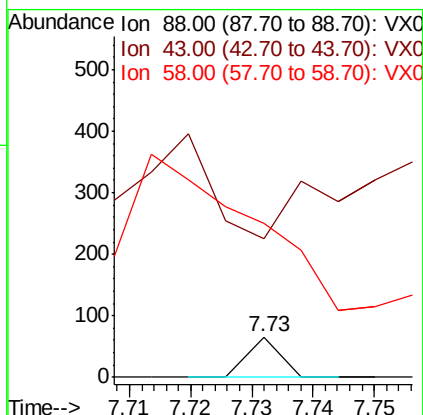
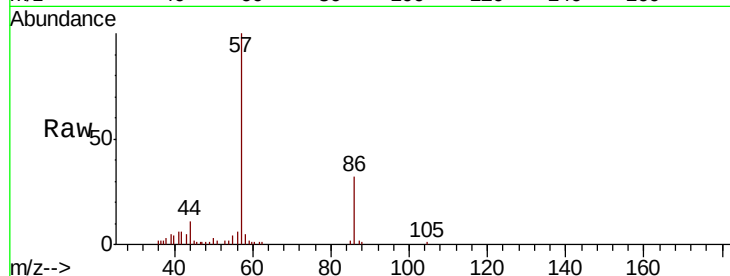
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 88 Resp: 24

Ion	Ratio	Lower	Upper
88	100		
43	0.0	20.2	30.2#
58	2800.0	49.5	74.3#



#50

Toluene-d8

Concen: 50.894 ug/l

RT: 8.71 min Scan# 1240

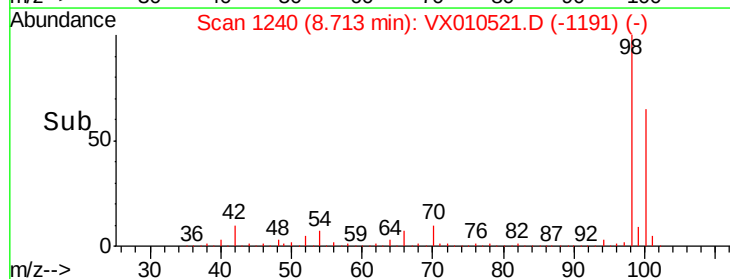
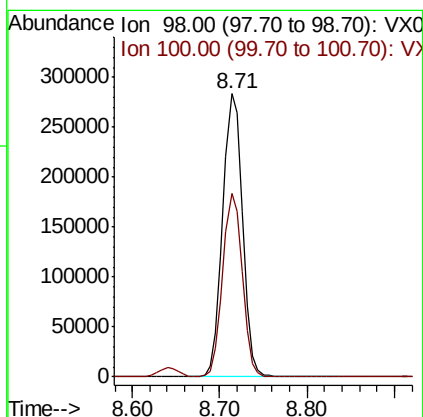
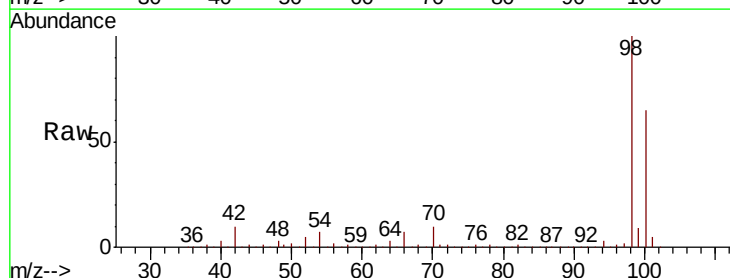
Delta R.T. 0.00 min

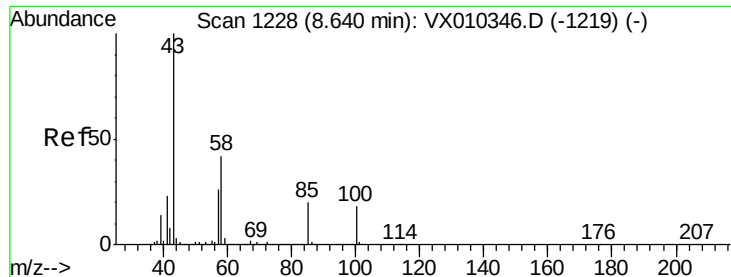
Lab File: VX010521.D

Acq: 28 Jun 2019 05:44

Tgt Ion: 98 Resp: 445496

Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 20.729 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX010521.D

Acq: 28 Jun 2019 05:44

Instrument :

MSVOA_X

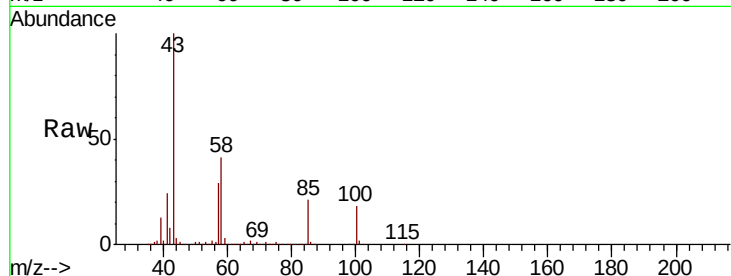
ClientSampleId :

Tot Ion: 43 Resp: 67057

Ion Ratio Lower Upper

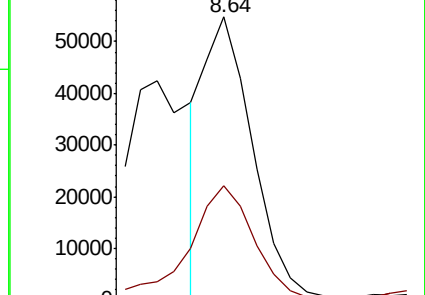
43 100

58 56.4 33.5 50.3#

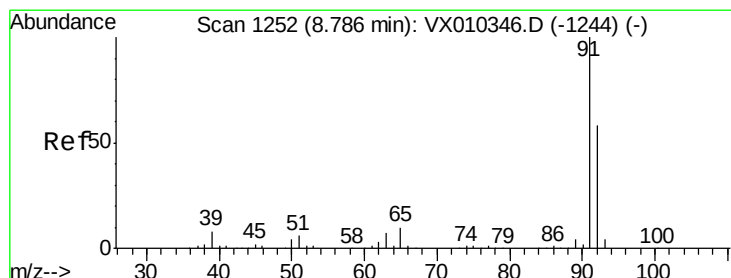
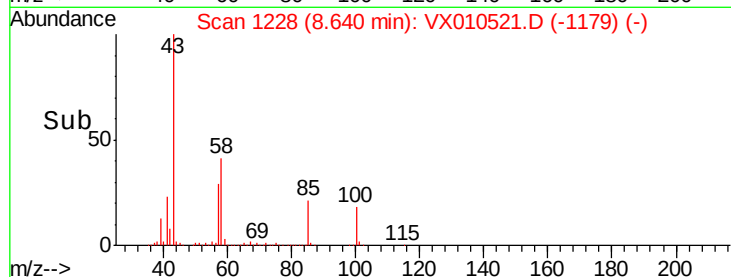


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#52

Toluene

Concen: 1.359 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX010521.D

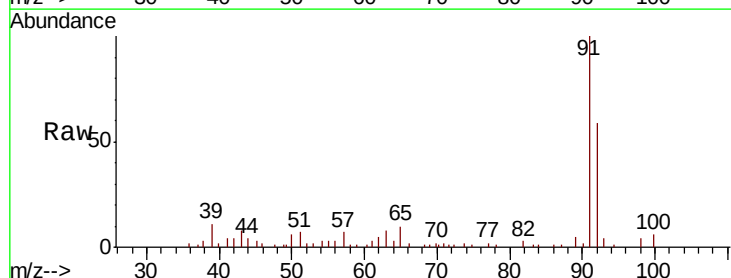
Acq: 28 Jun 2019 05:44

Tgt Ion: 92 Resp: 8283

Ion Ratio Lower Upper

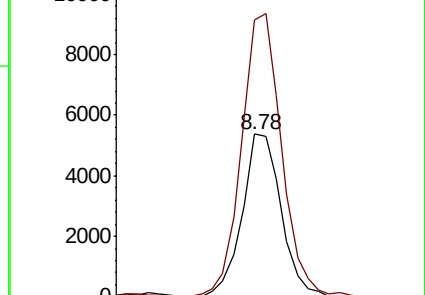
92 100

91 180.0 139.8 209.6

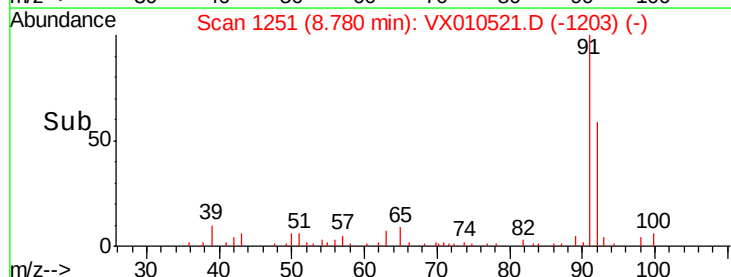


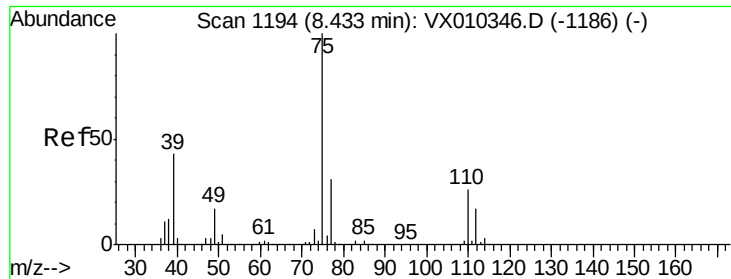
Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



Time-->



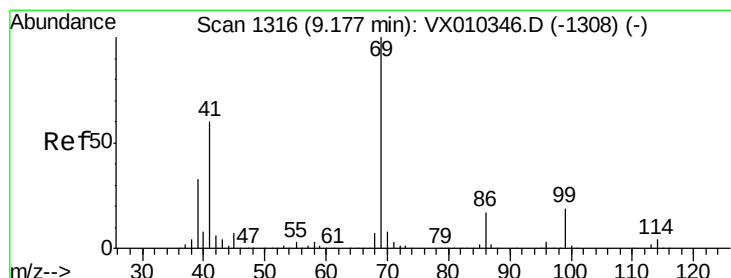
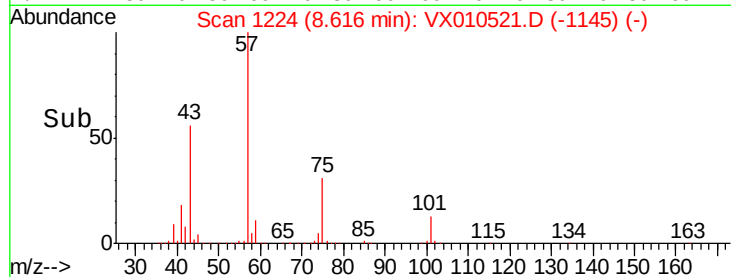
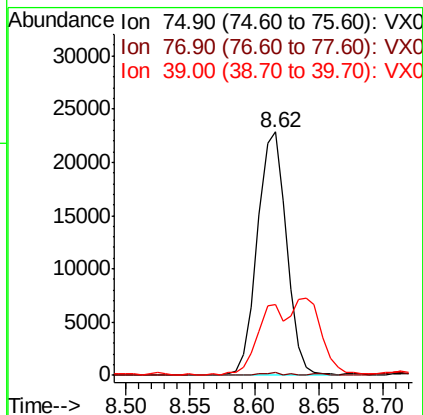
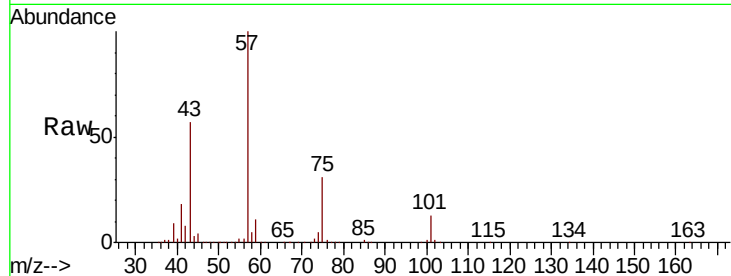


#54

cis-1,3-Dichloropropene
 Concen: 9.520 ug/l
 RT: 8.62 min Scan# 1224
 Delta R.T. 0.18 min
 Lab File: VX010521.D
 Acq: 28 Jun 2019 05:44

Instrument :
 MSVOA_X
 ClientSampleId :

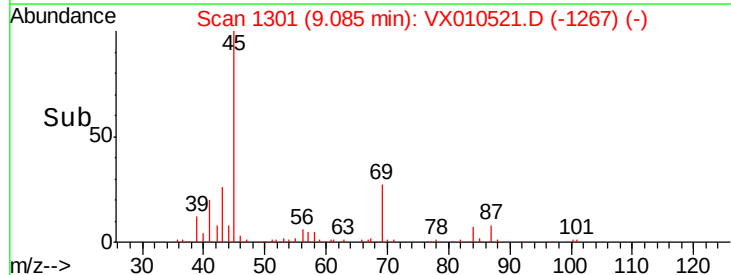
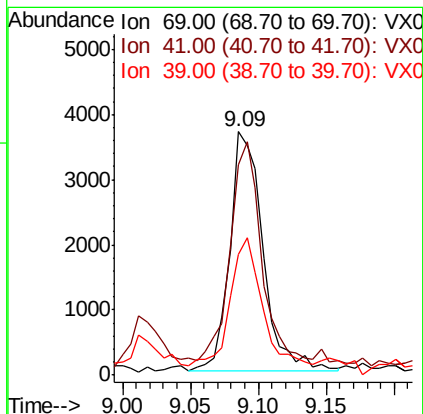
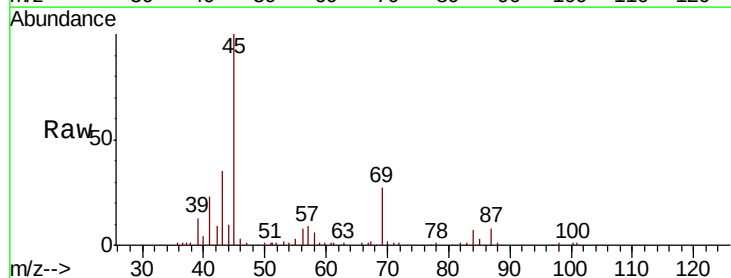
Tot Ion: 75 Resp: 35655
 Ion Ratio Lower Upper
 75 100
 77 1.0 25.2 37.8#
 39 28.3 34.5 51.7#

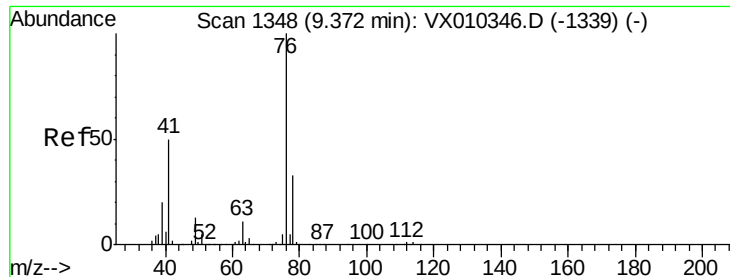


#56

Ethyl methacrylate
 Concen: 1.645 ug/l
 RT: 9.09 min Scan# 1301
 Delta R.T. -0.09 min
 Lab File: VX010521.D
 Acq: 28 Jun 2019 05:44

Tgt Ion: 69 Resp: 6266
 Ion Ratio Lower Upper
 69 100
 41 85.6 47.1 70.7#
 39 50.4 26.6 40.0#





#57

1,3-Dichloropropane

Concen: 1.741 ug/l

RT: 9.54 min Scan# 1376

Delta R.T. 0.17 min

Lab File: VX010521.D

Acq: 28 Jun 2019 05:44

Instrument :

MSVOA_X

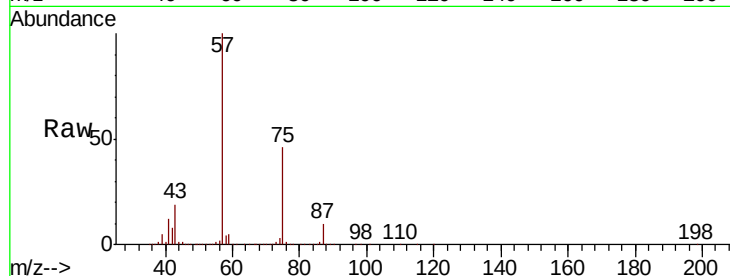
ClientSampled :

Tot Ion: 76 Resp: 6794

Ion Ratio Lower Upper

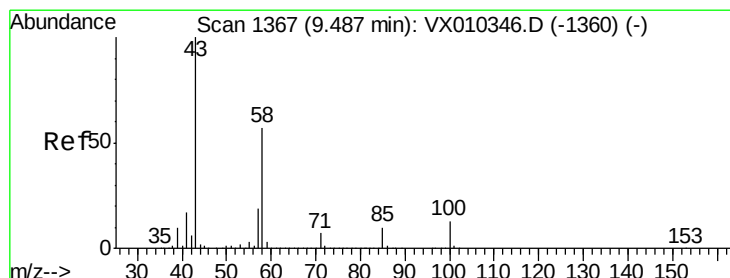
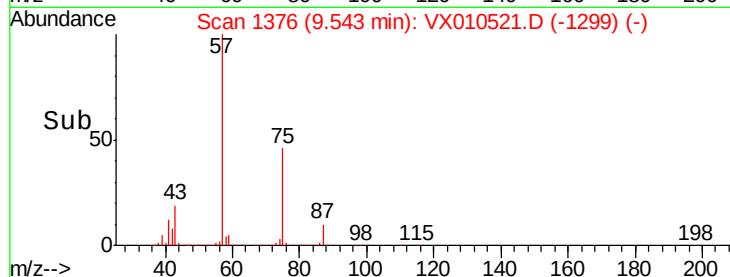
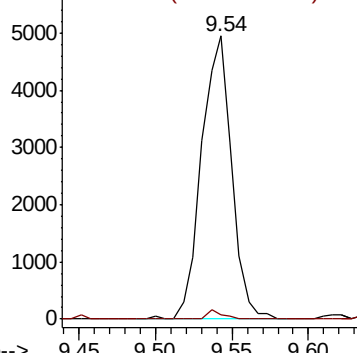
76 100

78 1.6 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: 1.078 ug/l

RT: 9.49 min Scan# 1368

Delta R.T. 0.01 min

Lab File: VX010521.D

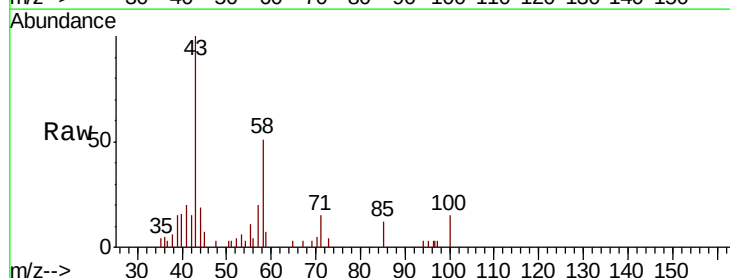
Acq: 28 Jun 2019 05:44

Tgt Ion: 43 Resp: 2745

Ion Ratio Lower Upper

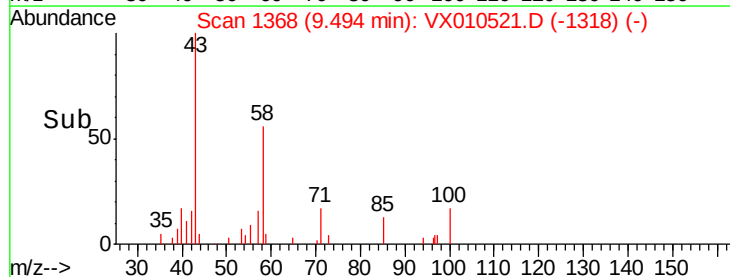
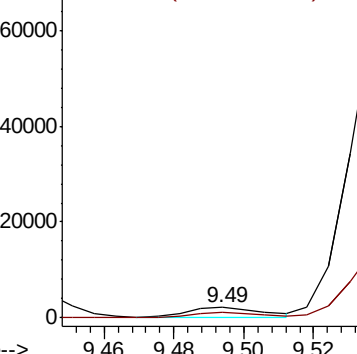
43 100

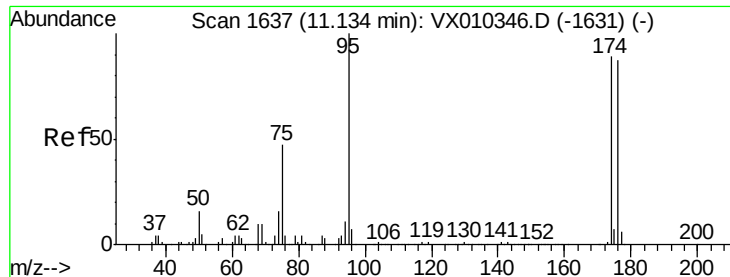
58 61.2 29.0 87.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#62

4-Bromofluorobenzene

Concen: 48.250 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010521.D

Acq: 28 Jun 2019 05:44

Instrument :

MSVOA_X

ClientSampleId :

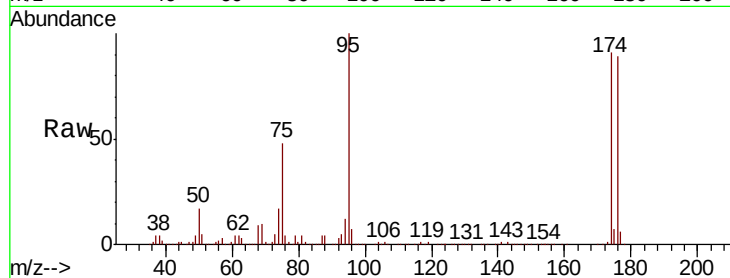
Tot Ion: 95 Resp: 152482

Ion Ratio Lower Upper

95 100

174 96.8 0.0 187.6

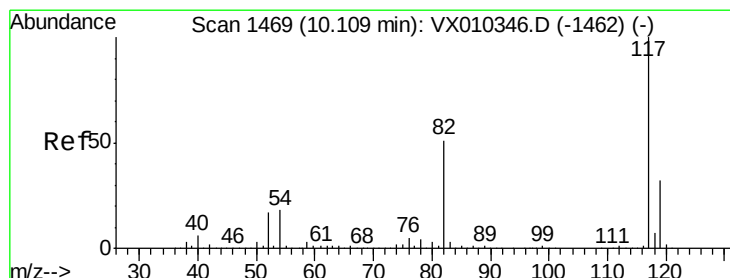
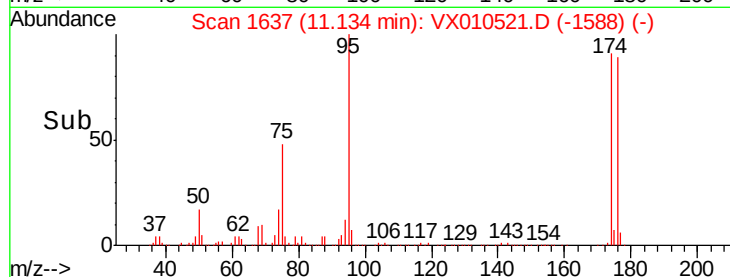
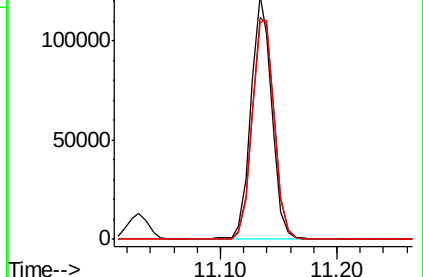
176 95.3 0.0 184.0



Abundance Ion 94.90 (94.60 to 95.60): VX010346.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX010346.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX010346.D (-1631) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX010521.D

Acq: 28 Jun 2019 05:44

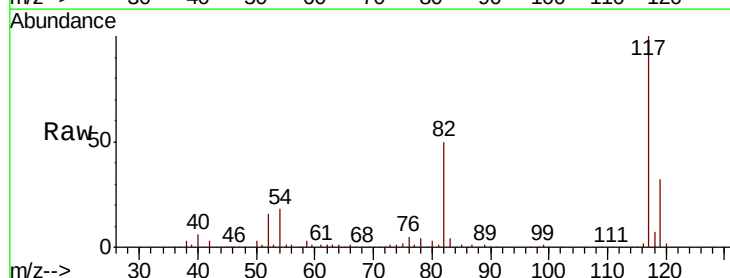
Tgt Ion: 117 Resp: 342150

Ion Ratio Lower Upper

117 100

82 50.2 41.2 61.8

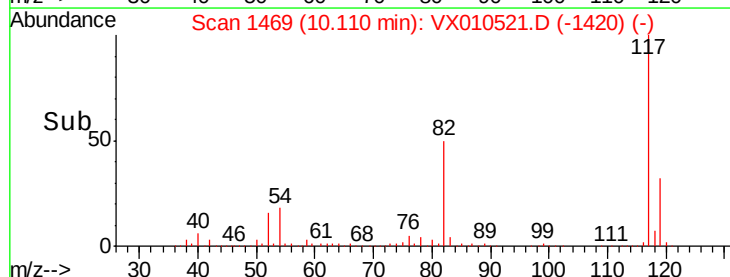
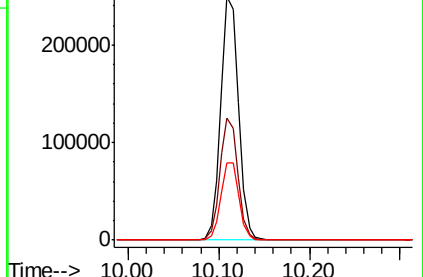
119 31.7 25.5 38.3

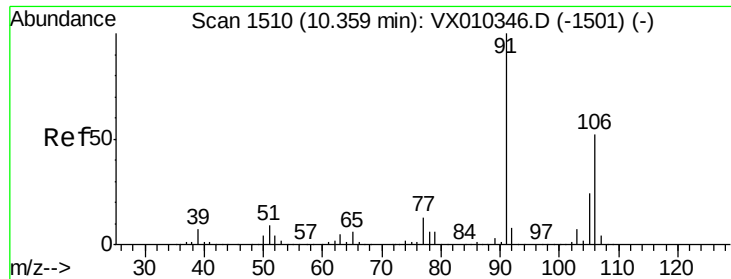


Abundance Ion 116.90 (116.60 to 117.60): VX010346.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX010346.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX010346.D (-1462) (-)

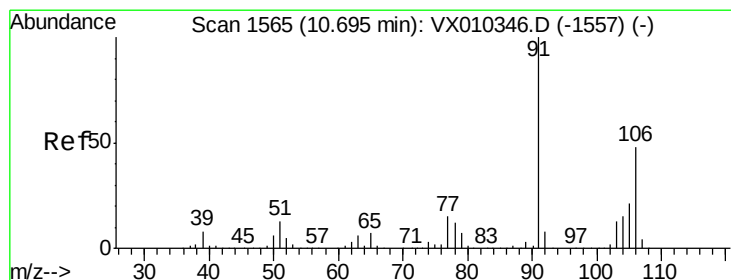
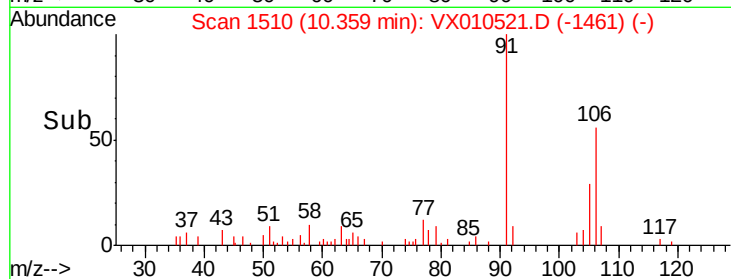
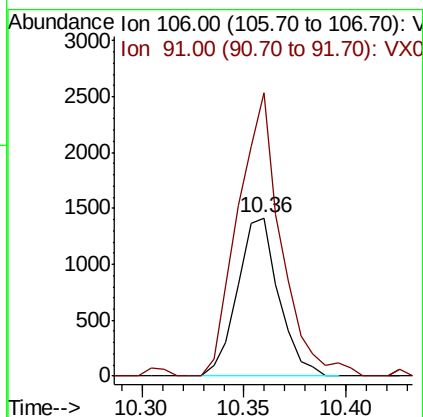
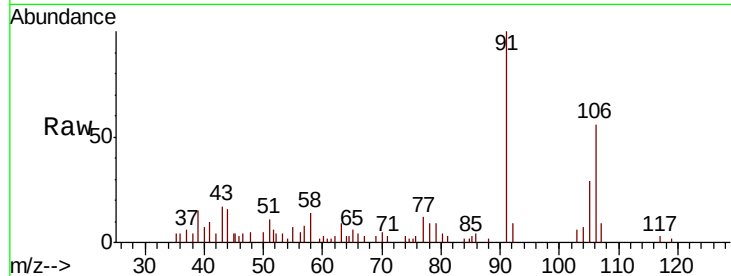




#68
m/p-Xylenes
Concen: 0.438 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010521.D
Acq: 28 Jun 2019 05:44

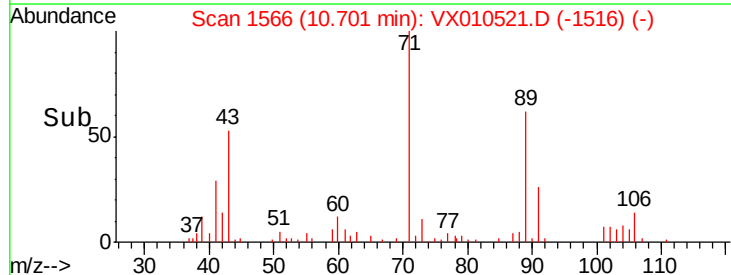
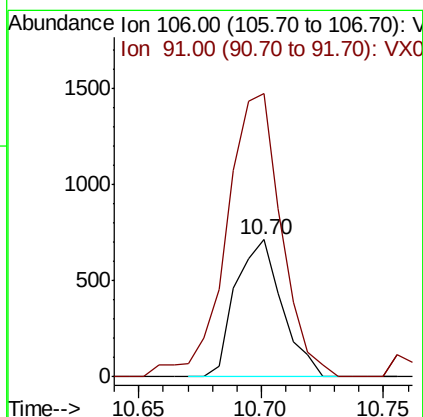
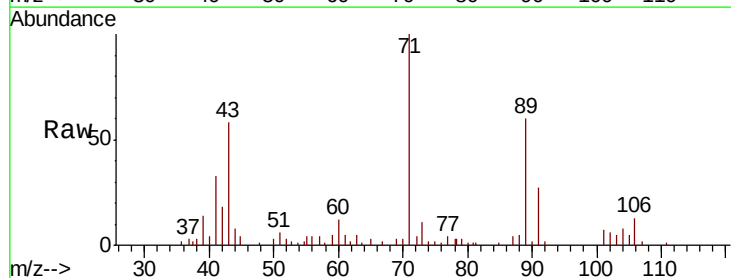
Instrument :
MSVOA_X
ClientSampled :

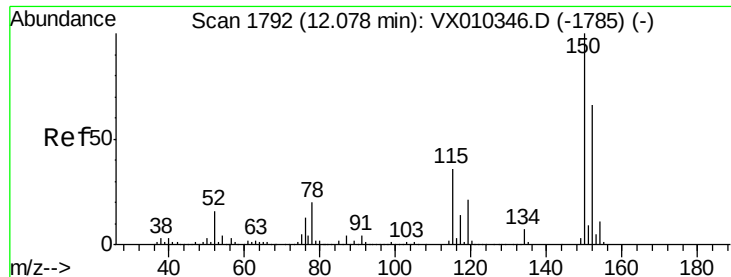
Tot Ion:106 Resp: 1988
Ion Ratio Lower Upper
106 100
91 188.2 155.3 232.9



#69
o-Xylene
Concen: 0.211 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX010521.D
Acq: 28 Jun 2019 05:44

Tgt Ion:106 Resp: 941
Ion Ratio Lower Upper
106 100
91 244.0 102.7 308.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010521.D

Acq: 28 Jun 2019 05:44

Instrument :

MSVOA_X

ClientSampled :

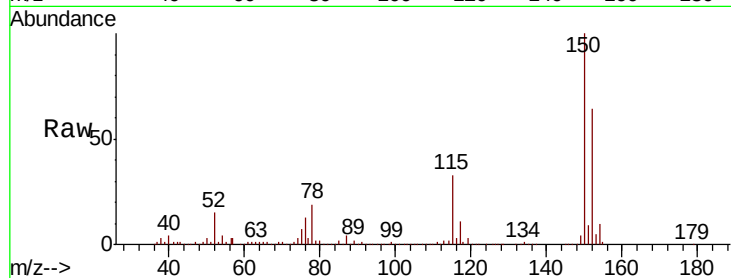
Tot Ion:152 Resp: 170110

Ion Ratio Lower Upper

152 100

115 56.2 38.6 115.7

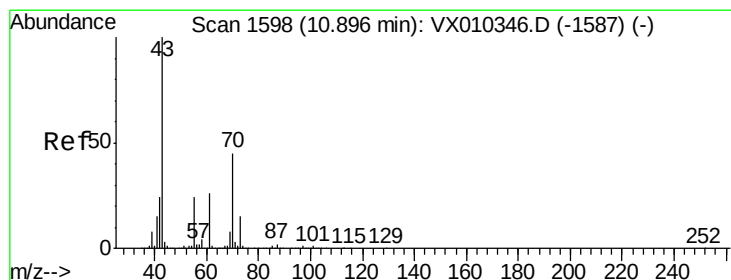
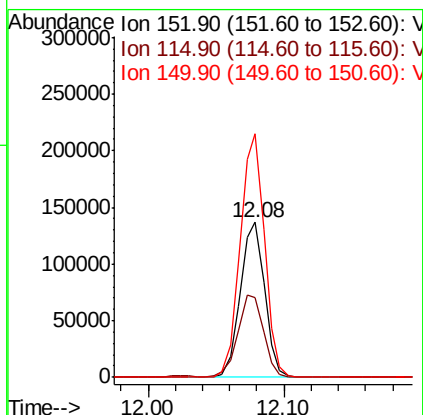
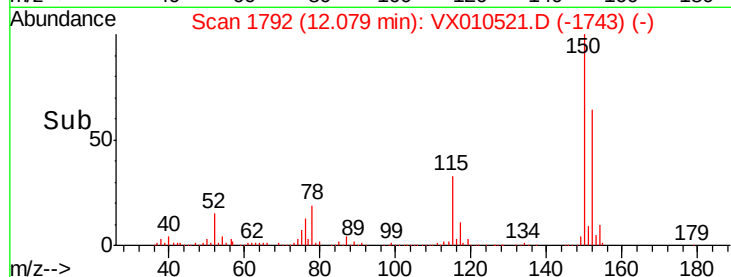
150 156.5 0.0 347.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#74

N-ethyl acetate

Concen: 0.989 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.01 min

Lab File: VX010521.D

Acq: 28 Jun 2019 05:44

Tgt Ion: 43 Resp: 4311

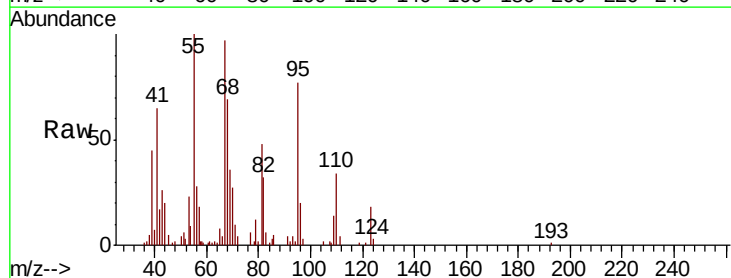
Ion Ratio Lower Upper

43 100

70 103.8 36.6 54.8#

55 636.7 18.7 28.1#

61 6.2 20.6 31.0#

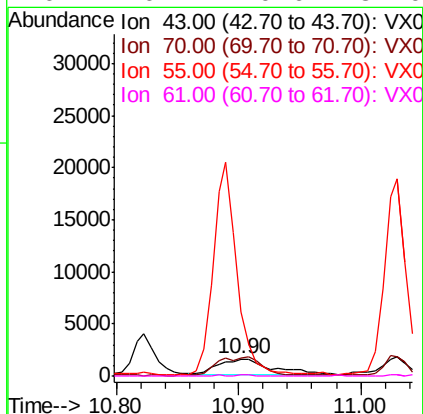
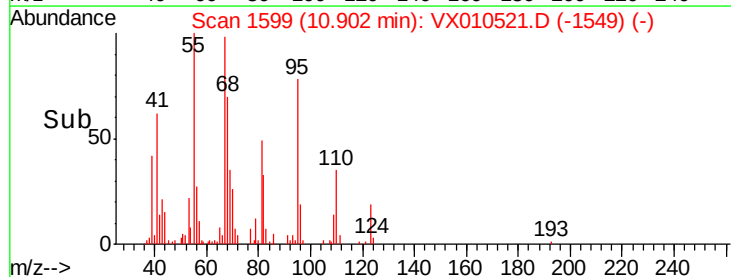


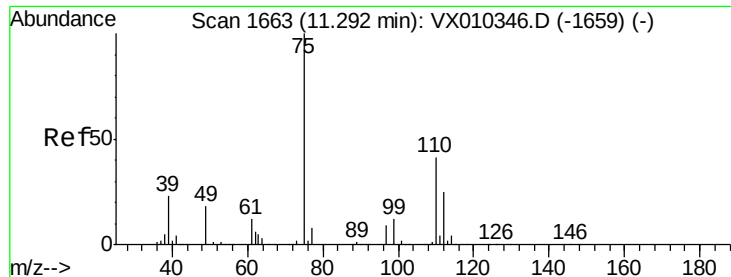
Abundance Ion 43.00 (42.70 to 43.70): VX0

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

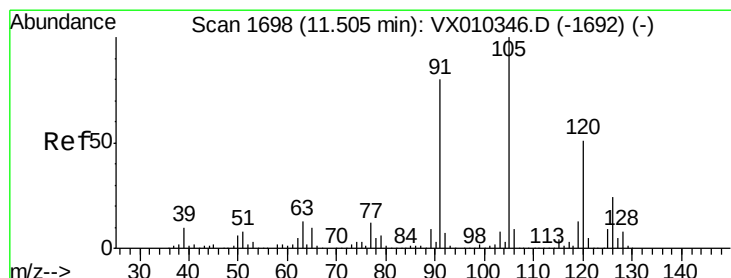
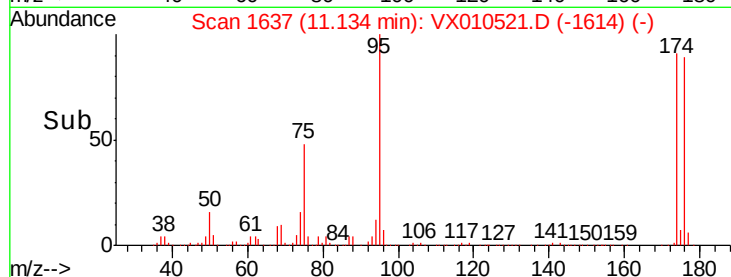
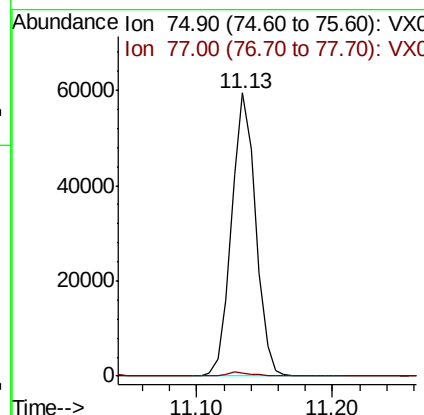
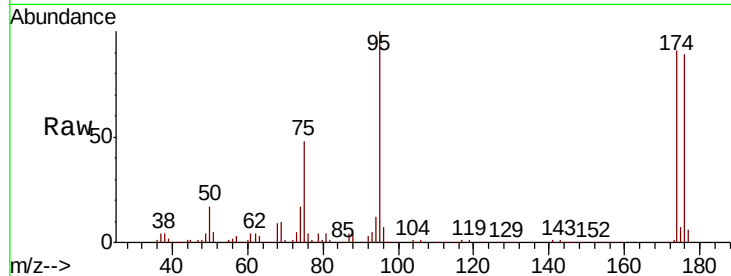




#76
 1,2,3-Trichloropropane
 Concen: 23.623 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX010521.D
 Acq: 28 Jun 2019 05:44

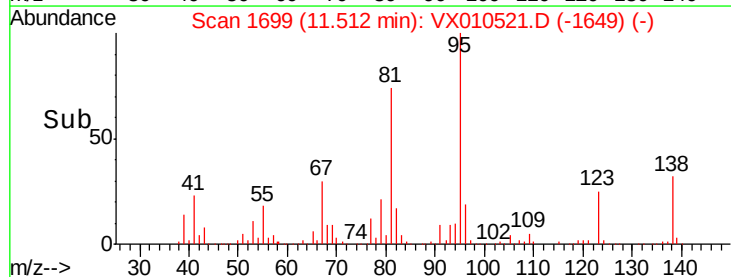
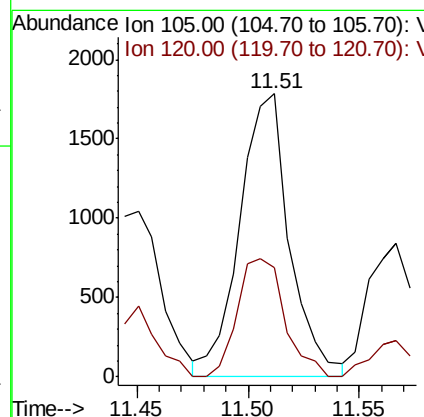
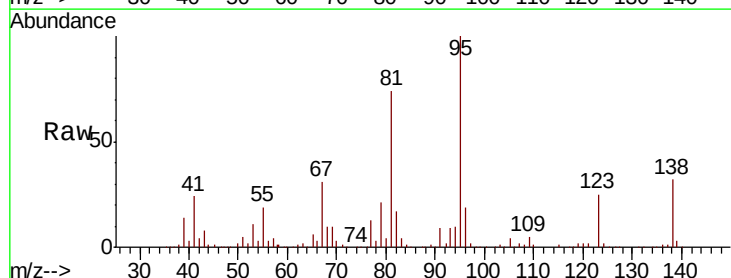
Instrument :
 MSVOA_X
 ClientSampleId :

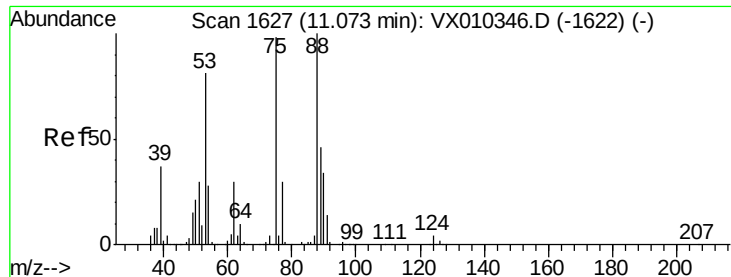
Tot Ion: 75 Resp: 73229
 Ion Ratio Lower Upper
 75 100
 77 1.3 22.6 67.8#



#80
 1,3,5-Trimethylbenzene
 Concen: 0.294 ug/l
 RT: 11.51 min Scan# 1699
 Delta R.T. 0.01 min
 Lab File: VX010521.D
 Acq: 28 Jun 2019 05:44

Tgt Ion:105 Resp: 2791
 Ion Ratio Lower Upper
 105 100
 120 39.7 25.2 75.6





#81

trans-1,4-Dichloro-2-butene

Concen: 55.111 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX010521.D

Acq: 28 Jun 2019 05:44

Instrument :

MSVOA_X

ClientSampleId :

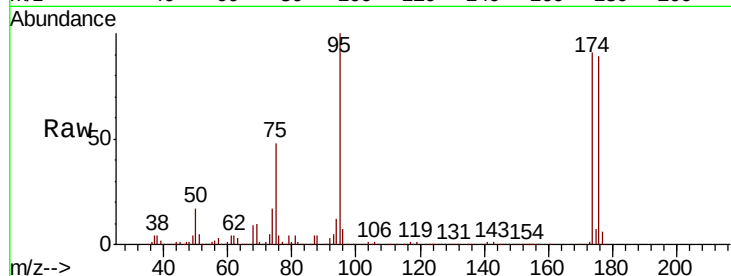
Tot Ion: 75 Resp: 73229

Ion Ratio Lower Upper

75 100

53 0.0 66.1 99.1#

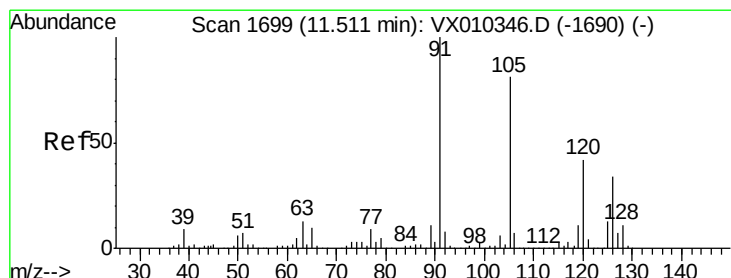
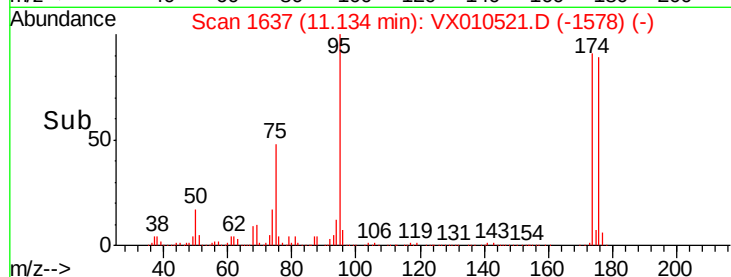
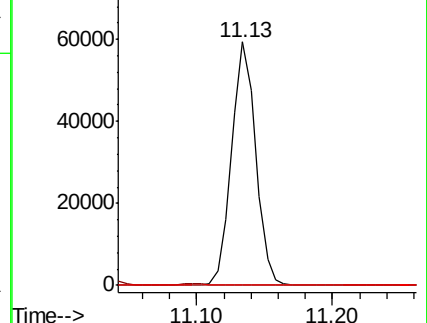
89 0.2 37.8 56.6#



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: 0.680 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX010521.D

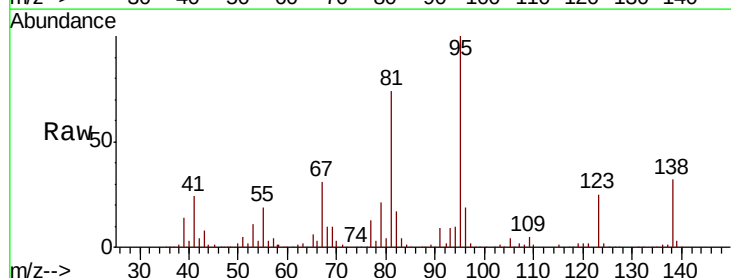
Acq: 28 Jun 2019 05:44

Tgt Ion: 91 Resp: 5836

Ion Ratio Lower Upper

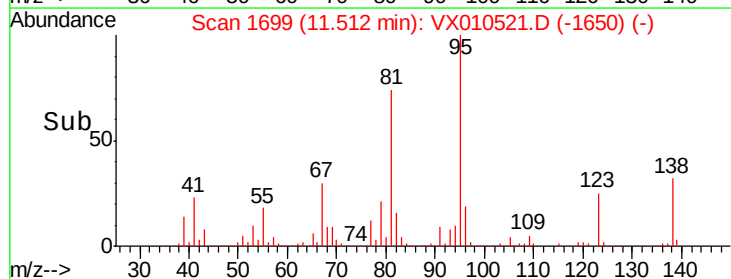
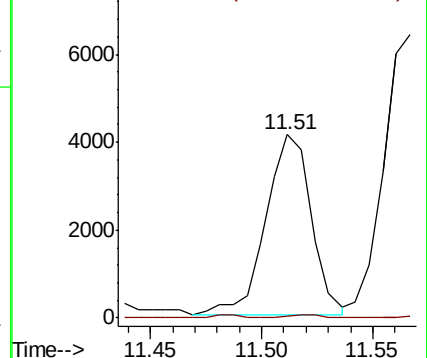
91 100

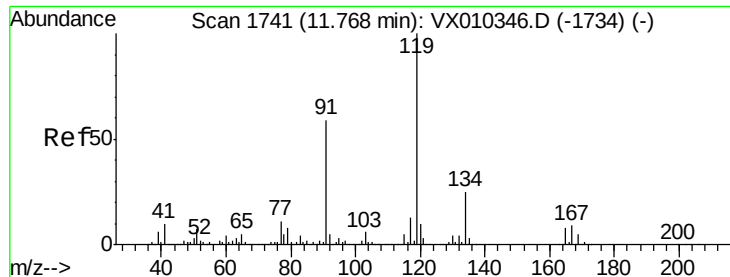
126 1.1 16.2 48.6#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 0.625 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.26 min

Lab File: VX010521.D

Acq: 28 Jun 2019 05:44

Instrument :

MSVOA_X

ClientSampled :

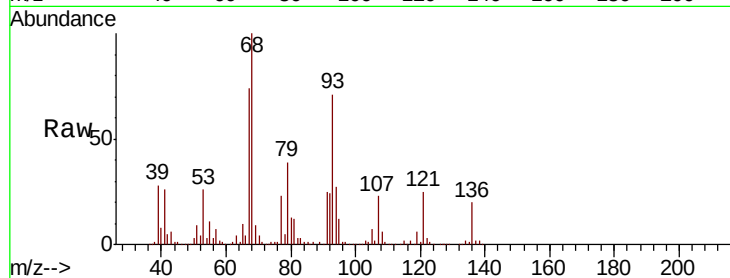
Tot Ion:119 Resp: 5960

Ion Ratio Lower Upper

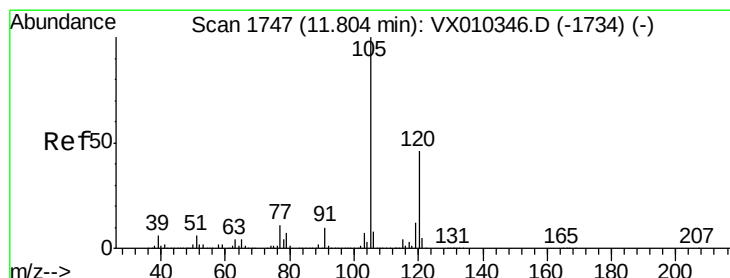
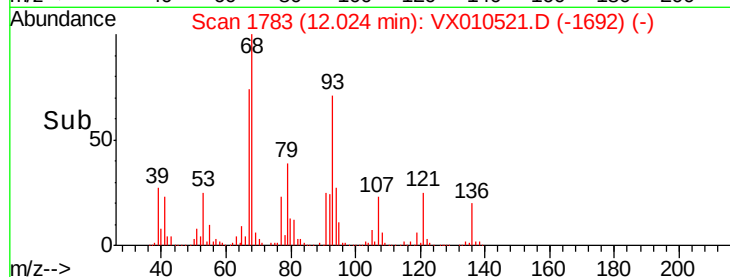
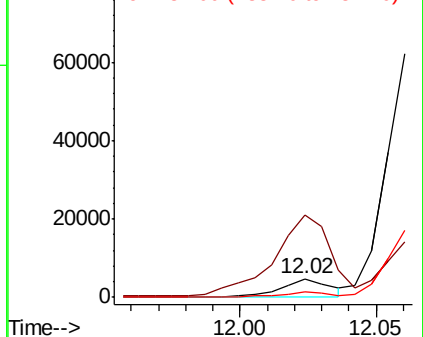
119 100

91 501.3 27.6 82.7#

134 27.1 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: 0.839 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX010521.D

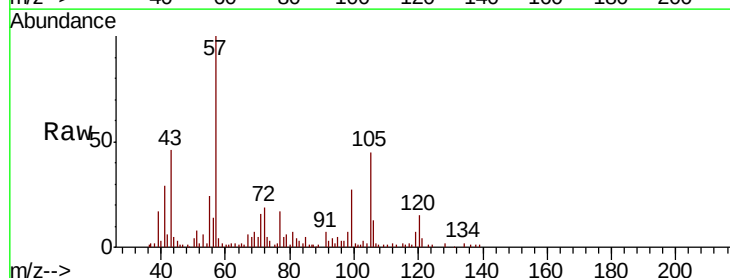
Acq: 28 Jun 2019 05:44

Tgt Ion:105 Resp: 8017

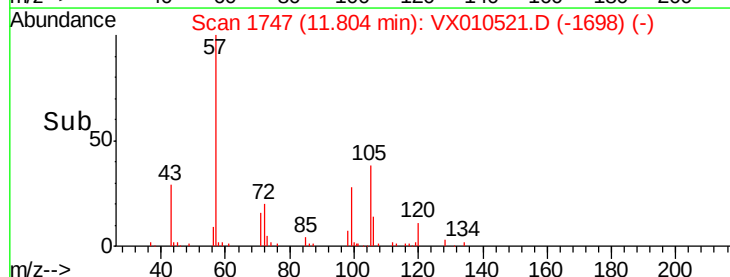
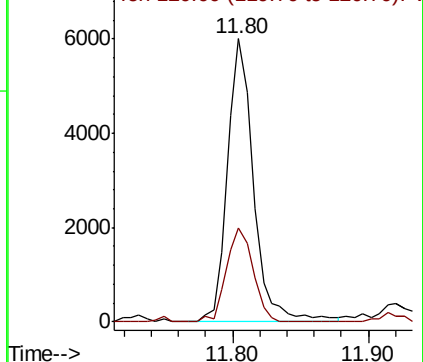
Ion Ratio Lower Upper

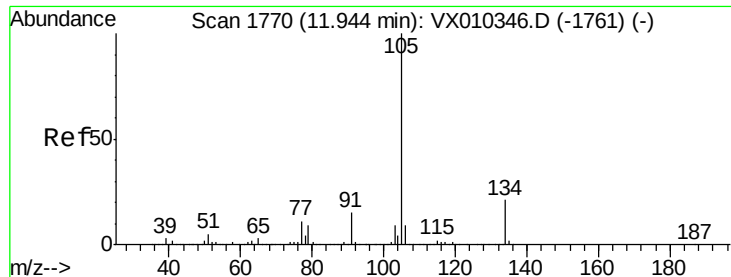
105 100

120 33.8 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: 0.709 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.08 min

Lab File: VX010521.D

Acq: 28 Jun 2019 05:44

Instrument :

MSVOA_X

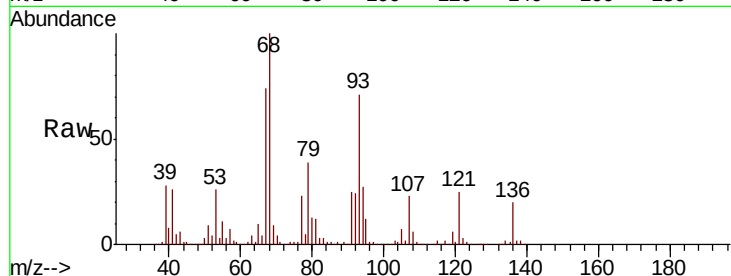
ClientSampled :

Tot Ion:105 Resp: 7942

Ion Ratio Lower Upper

105 100

134 20.3 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

20000

15000

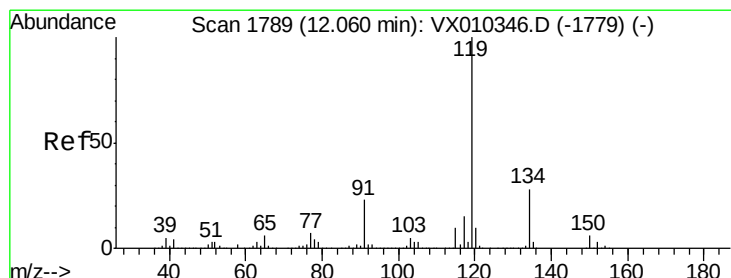
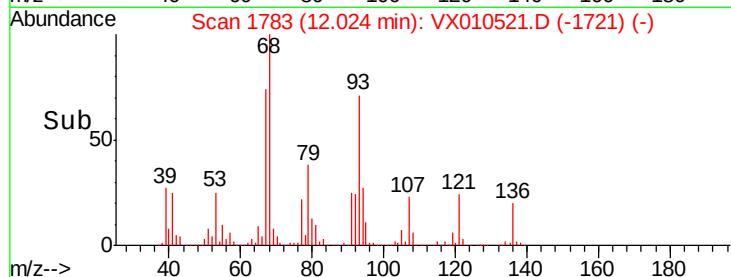
10000

5000

0

11.95 12.00 12.05

Time-->



#86

p-Isopropyltoluene

Concen: 7.201 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010521.D

Acq: 28 Jun 2019 05:44

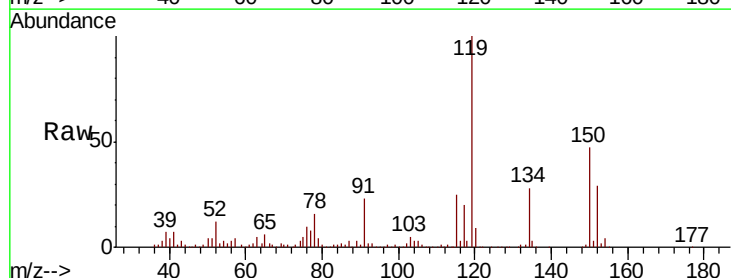
Tgt Ion:119 Resp: 74615

Ion Ratio Lower Upper

119 100

134 28.4 13.7 41.1

91 23.2 11.3 33.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

80000

60000

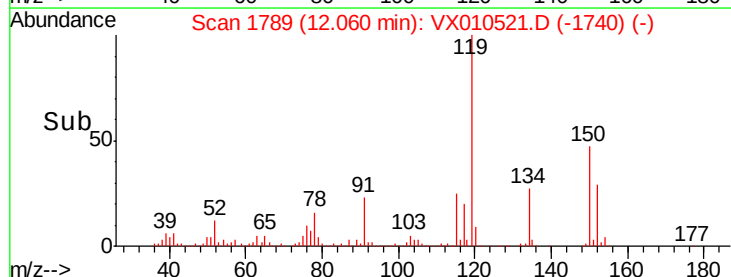
40000

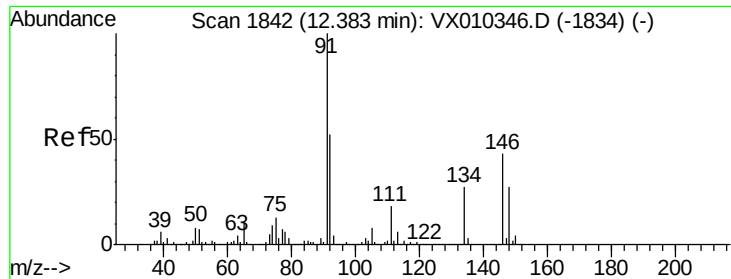
20000

0

12.00 12.05 12.10

Time-->





#89

n-Butylbenzene

Concen: 0.226 ug/l

RT: 12.58 min Scan# 1874

Delta R.T. 0.20 min

Lab File: VX010521.D

Acq: 28 Jun 2019 05:44

Instrument :

MSVOA_X

ClientSampleId :

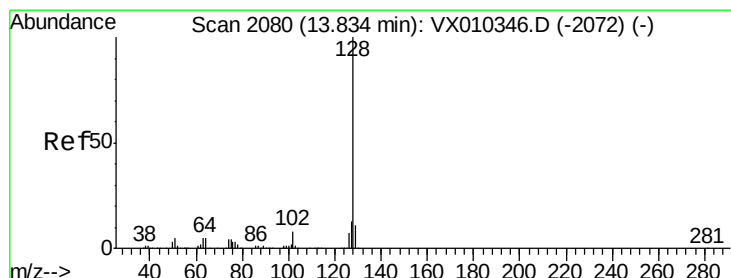
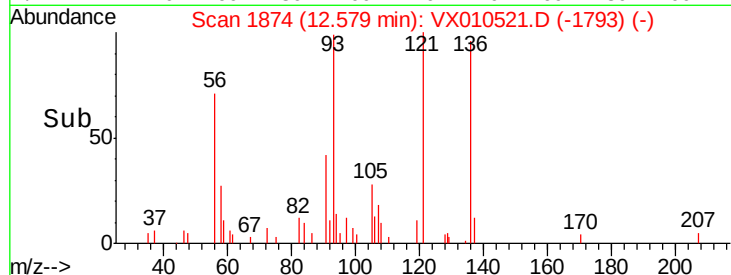
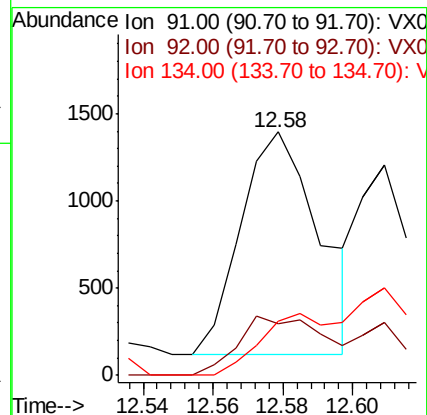
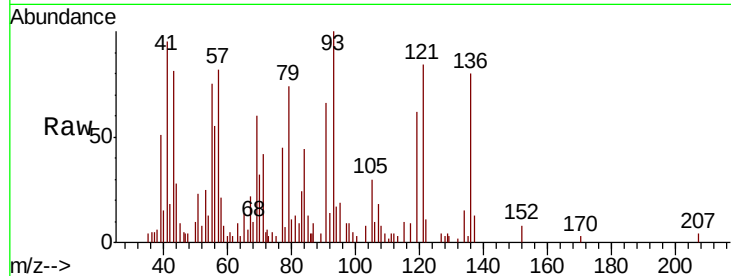
Tot Ion: 91 Resp: 1988

Ion Ratio Lower Upper

91 100

92 29.1 26.2 78.5

134 22.1 14.1 42.4



#95

Naphthalene

Concen: 1.208 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX010521.D

Acq: 28 Jun 2019 05:44

Tgt Ion:128 Resp: 14379

Ion Ratio Lower Upper

128 100

127 14.2 10.2 15.4

129 14.8 8.9 13.3#

