

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060918\
 Data File : VX002420.D
 Acq On : 09 Jun 2018 14:49
 Operator : JC/MD
 Sample : VX0609WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 11 04:05:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	245157	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	354258	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	342627	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	219549	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	188661	54.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.20%	
35) Dibromofluoromethane	5.51	113	143485	51.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.00%	
50) Toluene-d8	8.72	98	527929	49.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.88%	
62) 4-Bromofluorobenzene	11.14	95	206421	50.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	49676	19.49	ug/l	95
3) Chloromethane	1.32	50	57827	17.96	ug/l	98
4) Vinyl Chloride	1.40	62	61781	19.24	ug/l	99
5) Bromomethane	1.64	94	36644	18.03	ug/l	99
6) Chloroethane	1.72	64	41539	19.99	ug/l	95
7) Trichlorofluoromethane	1.93	101	111551	22.79	ug/l	97
8) Diethyl Ether	2.19	74	44586	24.41	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	63941	24.21	ug/l	98
10) Methyl Iodide	2.51	142	55367	14.91	ug/l	99
11) Tert butyl alcohol	3.07	59	84633	106.43	ug/l	97
12) 1,1-Dichloroethene	2.37	96	54901	21.04	ug/l	98
13) Acrolein	2.29	56	41283	113.26	ug/l	98
14) Allyl chloride	2.73	41	113894	20.11	ug/l	99
15) Acrylonitrile	3.15	53	186914	120.25	ug/l	99
16) Acetone	2.45	43	194379	118.86	ug/l	99
17) Carbon Disulfide	2.57	76	124137	18.05	ug/l	99
18) Methyl Acetate	2.78	43	91971	24.83	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	234524	24.59	ug/l	98
20) Methylene Chloride	2.86	84	67912	23.01	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	59740	20.76	ug/l	95
22) Diisopropyl ether	3.87	45	212778	21.64	ug/l	98
23) Vinyl Acetate	3.82	43	969594	105.60	ug/l	100
24) 1,1-Dichloroethane	3.70	63	122120	21.82	ug/l	100
25) 2-Butanone	4.71	43	248616	103.43	ug/l	98
26) 2,2-Dichloropropane	4.59	77	82565	18.87	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	62695	20.03	ug/l	95
28) Bromochloromethane	5.02	49	67646	26.76	ug/l	100
29) Tetrahydrofuran	5.17	42	156070	100.70	ug/l	98
30) Chloroform	5.22	83	110326	20.42	ug/l	99
31) Cyclohexane	5.58	56	88735	20.05	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	91712	20.02	ug/l	99
36) 1,1-Dichloropropene	5.80	75	75273	20.21	ug/l	100
37) Ethyl Acetate	4.86	43	96843	21.62	ug/l	99
38) Carbon Tetrachloride	5.78	117	79454	20.39	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	93634	20.51	ug/l	97
40) Benzene	6.15	78	235424	20.62	ug/l	100
41) Methacrylonitrile	5.07	41	53722	20.95	ug/l	97
42) 1,2-Dichloroethane	6.20	62	98975	21.82	ug/l	100
43) Isopropyl Acetate	6.47	43	161366	21.21	ug/l	99
44) Trichloroethene	7.21	130	66243	20.90	ug/l	97
45) 1,2-Dichloropropane	7.52	63	64921	21.06	ug/l	99
46) Dibromomethane	7.67	93	45401	21.72	ug/l	99
47) Bromodichloromethane	7.90	83	79395	21.01	ug/l	96
48) Methyl methacrylate	7.78	41	81489	21.33	ug/l	96
49) 1,4-Dioxane	7.76	88	30953	433.22	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	520081	109.78	ug/l	100
52) Toluene	8.79	92	152889	21.05	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	94941	20.95	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	89243	20.87	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	67763	22.69	ug/l	96
56) Ethyl methacrylate	9.18	69	104188	21.85	ug/l	99
57) 1,3-Dichloropropane	9.37	76	111538	22.26	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	242870	110.03	ug/l	100
59) 2-Hexanone	9.50	43	396778	108.43	ug/l	99
60) Dibromochloromethane	9.59	129	65080	21.66	ug/l	100
61) 1,2-Dibromoethane	9.68	107	70009	22.48	ug/l	99
64) Tetrachloroethene	9.34	164	71877	20.34	ug/l	94
65) Chlorobenzene	10.14	112	181191	21.25	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	65746	21.30	ug/l	99
67) Ethyl Benzene	10.26	91	303505	21.27	ug/l	100
68) m/p-Xylenes	10.36	106	233761	42.15	ug/l	99
69) o-Xylene	10.70	106	116627	21.13	ug/l	99
70) Styrene	10.71	104	193969	21.50	ug/l	99
71) Bromoform	10.86	173	48552	19.80	ug/l #	100
73) Isopropylbenzene	11.02	105	314689	20.60	ug/l	100
74) N-amyl acetate	6.47	43	161366	19.61	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	101104	21.05	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	112820	23.42	ug/l	80
77) Bromobenzene	11.26	156	87220	20.34	ug/l	99
78) n-propylbenzene	11.37	91	360540	21.24	ug/l	100
79) 2-Chlorotoluene	11.43	91	214566	20.02	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	271064	20.69	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	24542	17.86	ug/l	91
82) 4-Chlorotoluene	11.51	91	253451	20.49	ug/l	100
83) tert-Butylbenzene	11.77	119	266197	20.87	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	278903	20.68	ug/l	98
85) sec-Butylbenzene	11.95	105	325828	21.79	ug/l	100
86) p-Isopropyltoluene	12.07	119	295704	21.71	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	160851	20.98	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	164535	20.82	ug/l	99
89) n-Butylbenzene	12.39	91	259111	22.68	ug/l	100
90) Hexachloroethane	12.60	117	40508	18.63	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	165783	20.90	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	20765	19.77	ug/l	99

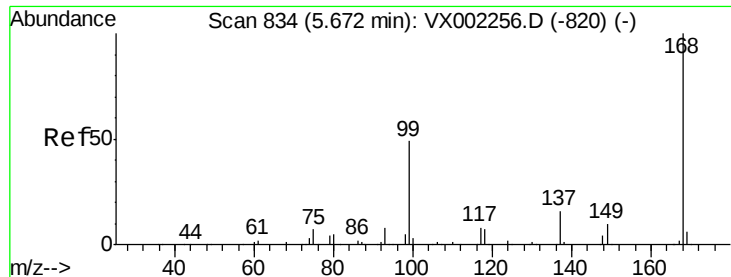
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	121917	21.92	ug/l	100
94) Hexachlorobutadiene	13.79	225	64375	23.42	ug/l	99
95) Naphthalene	13.84	128	349853	21.89	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	124630	21.97	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002420.D

Acq: 09 Jun 2018 14:49

Instrument :

MSVOA_X

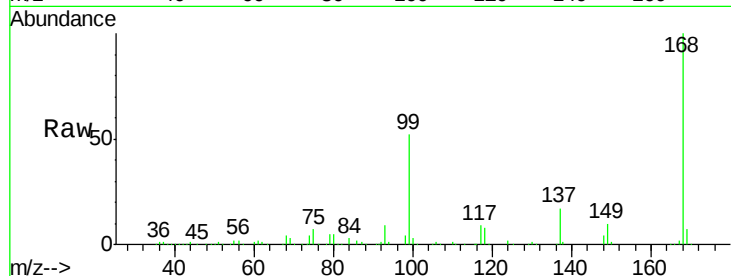
ClientSampleId :

Tot Ion:168 Resp: 245157

Ion Ratio Lower Upper

168 100

99 52.3 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

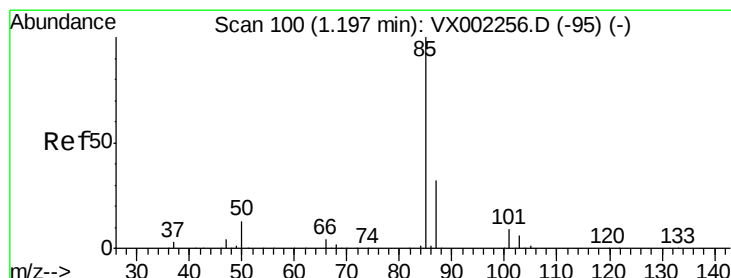
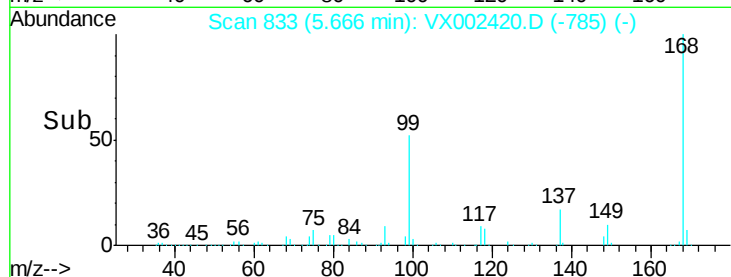
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 19.49 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX002420.D

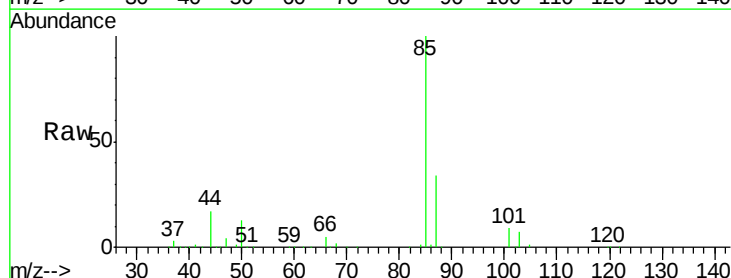
Acq: 09 Jun 2018 14:49

Tgt Ion: 85 Resp: 49676

Ion Ratio Lower Upper

85 100

87 34.5 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

60000

50000

40000

30000

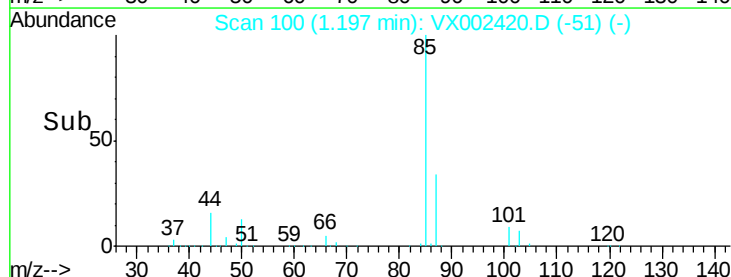
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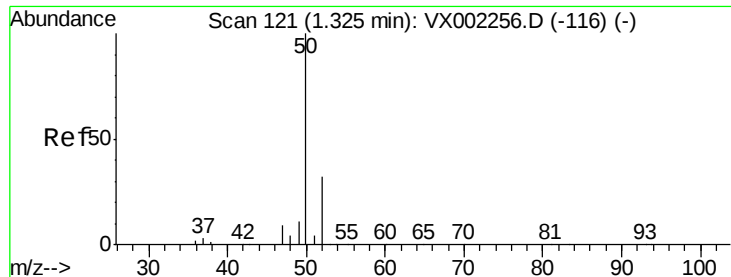
10000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 17.96 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002420.D

Acq: 09 Jun 2018 14:49

Instrument :

MSVOA_X

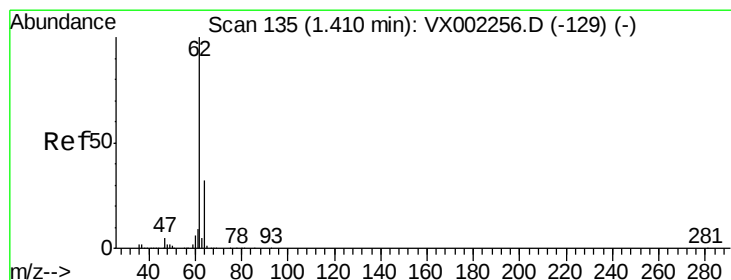
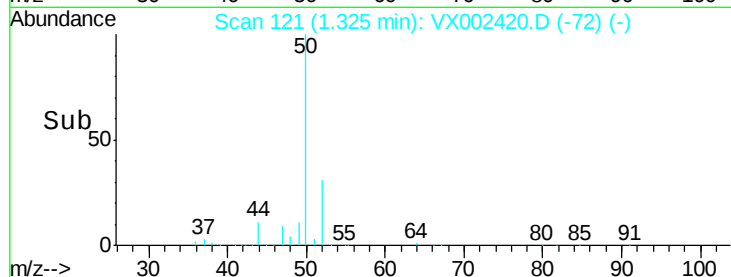
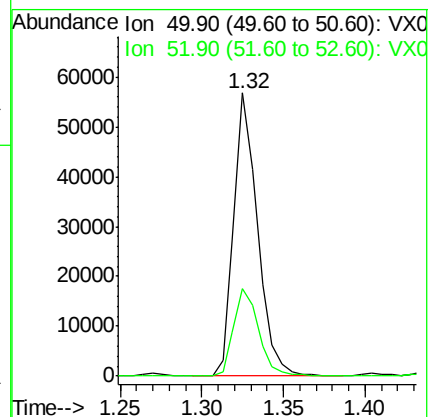
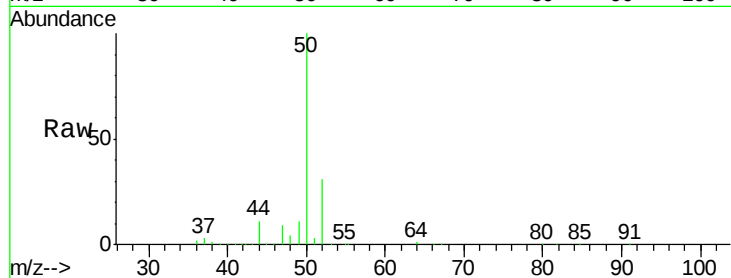
ClientSampleId :

Tot Ion: 50 Resp: 57827

Ion Ratio Lower Upper

50 100

52 30.7 25.7 38.5



#4

Vinyl Chloride

Concen: 19.24 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX002420.D

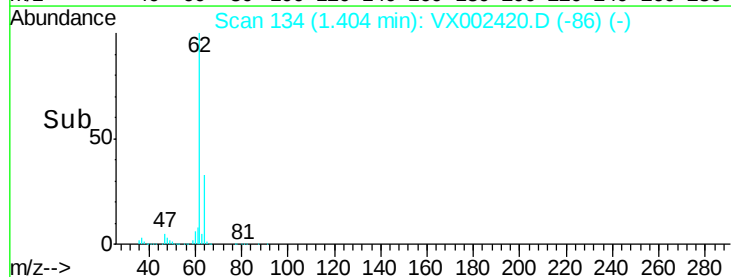
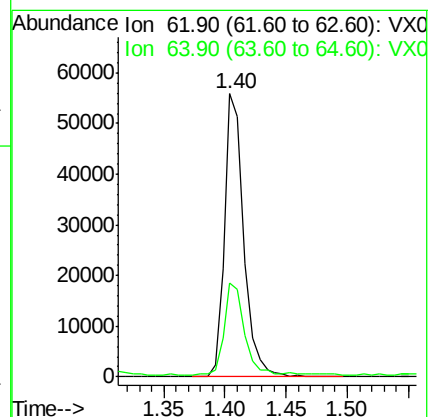
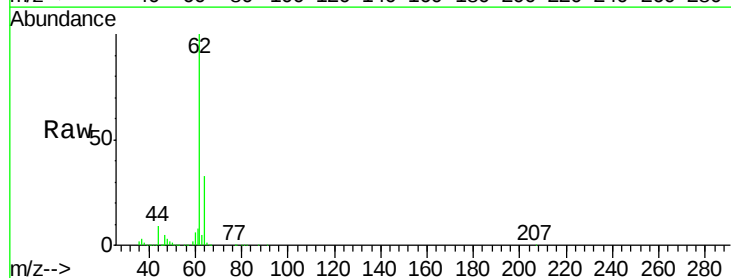
Acq: 09 Jun 2018 14:49

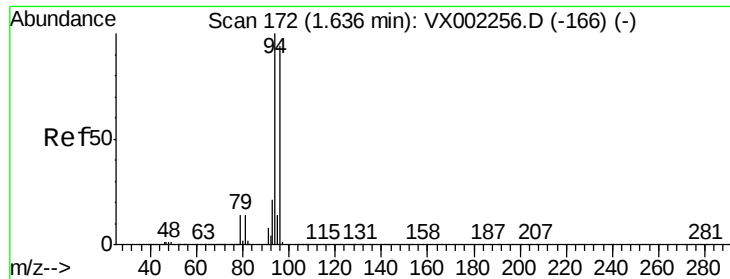
Tgt Ion: 62 Resp: 61781

Ion Ratio Lower Upper

62 100

64 32.4 25.4 38.2





#5

Bromomethane

Concen: 18.03 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002420.D

Acq: 09 Jun 2018 14:49

Instrument :

MSVOA_X

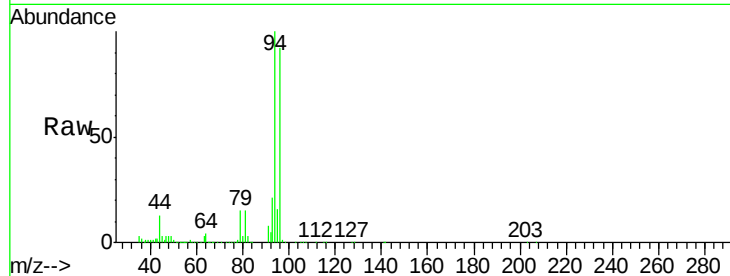
ClientSampleId :

Tot Ion: 94 Resp: 36644

Ion Ratio Lower Upper

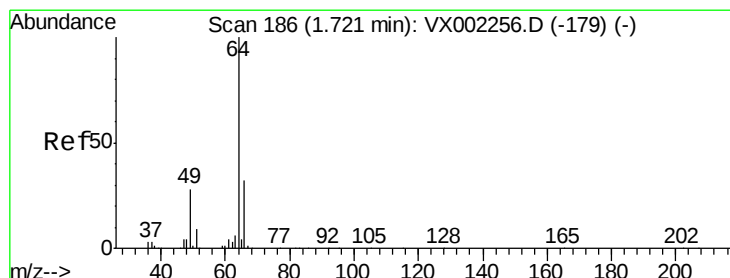
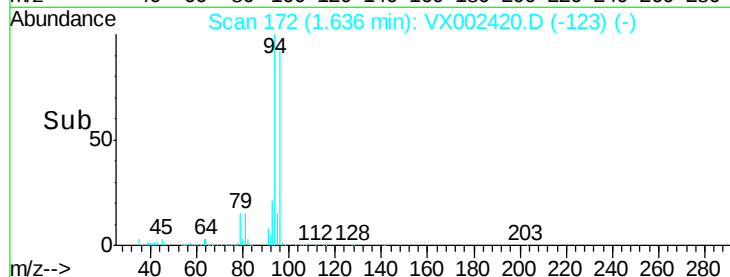
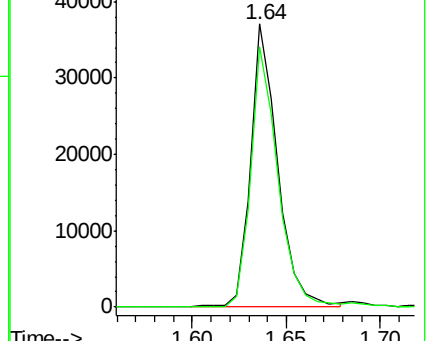
94 100

96 92.3 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.99 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.00 min

Lab File: VX002420.D

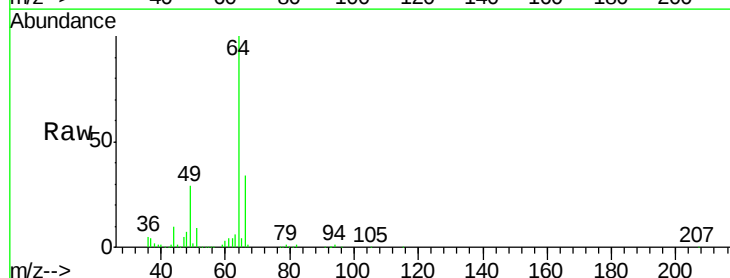
Acq: 09 Jun 2018 14:49

Tgt Ion: 64 Resp: 41539

Ion Ratio Lower Upper

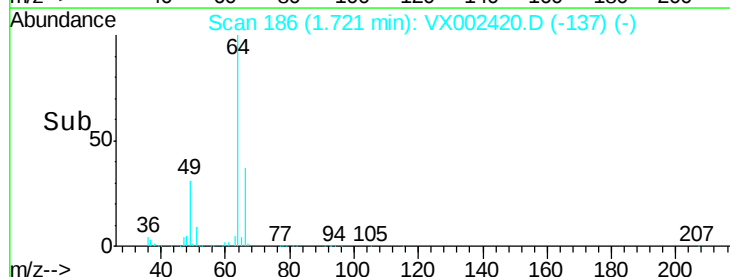
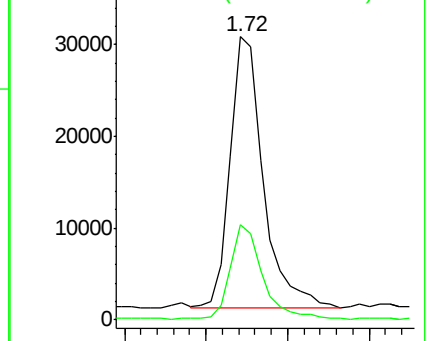
64 100

66 34.7 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



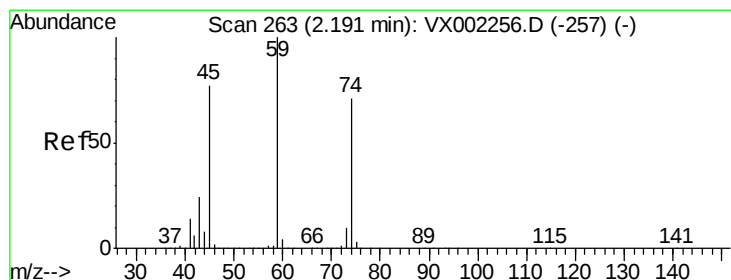
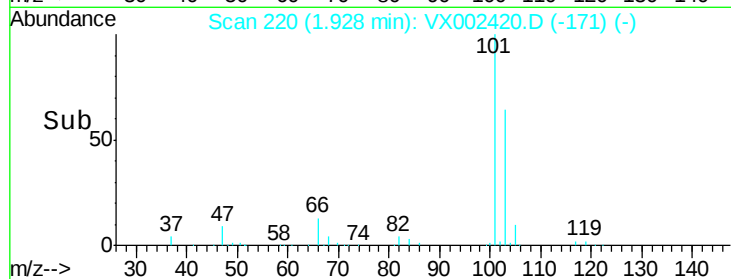
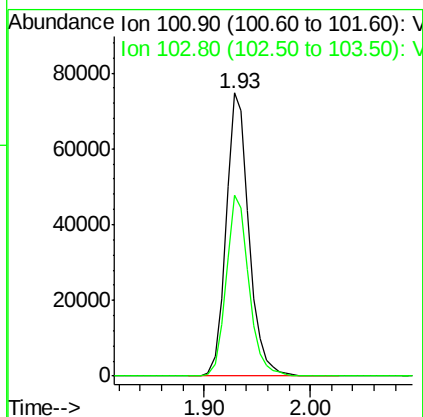
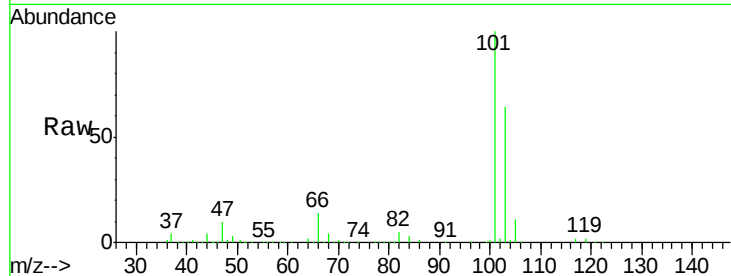


#7

Trichlorofluoromethane
 Concen: 22.79 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. -0.00 min
 Lab File: VX002420.D
 Acq: 09 Jun 2018 14:49

Instrument :
 MSVOA_X
 ClientSampleId :

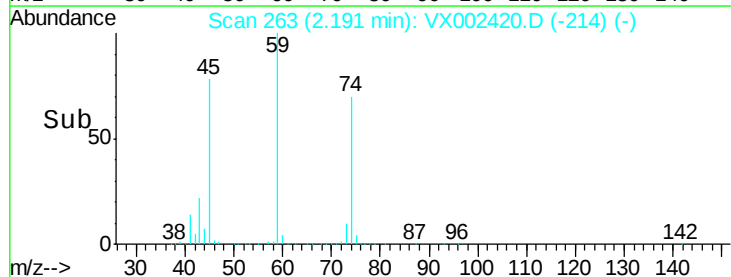
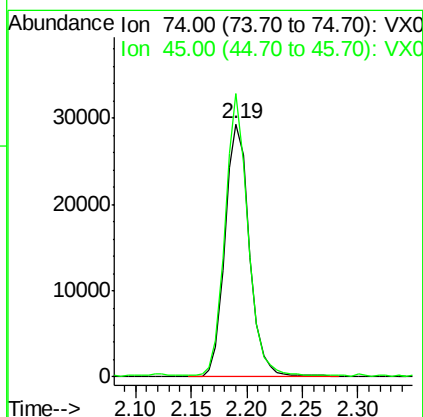
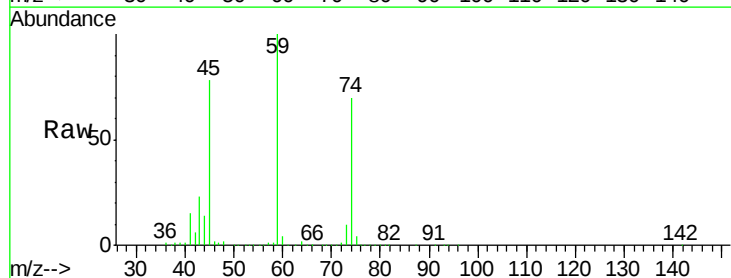
Tot Ion:101 Resp: 111551
 Ion Ratio Lower Upper
 101 100
 103 63.8 52.8 79.2



#8

Diethyl Ether
 Concen: 24.41 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX002420.D
 Acq: 09 Jun 2018 14:49

Tgt Ion: 74 Resp: 44586
 Ion Ratio Lower Upper
 74 100
 45 104.0 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 24.21 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX002420.D

Acq: 09 Jun 2018 14:49

Instrument :

MSVOA_X

ClientSampleId :

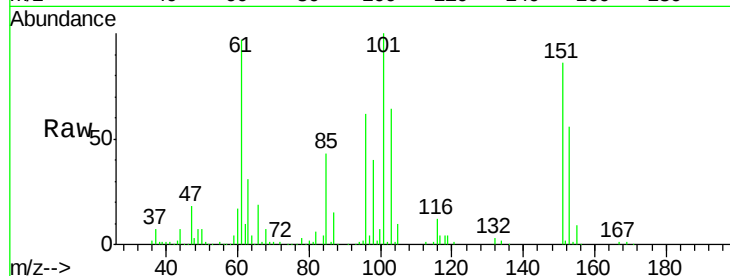
Tot Ion:101 Resp: 63941

Ion Ratio Lower Upper

101 100

85 45.8 36.0 54.0

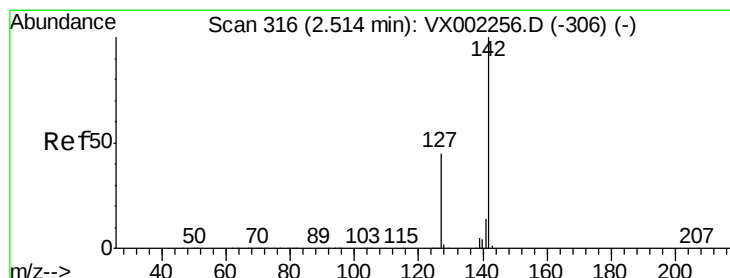
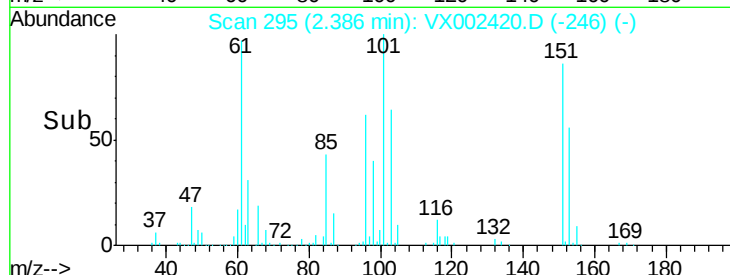
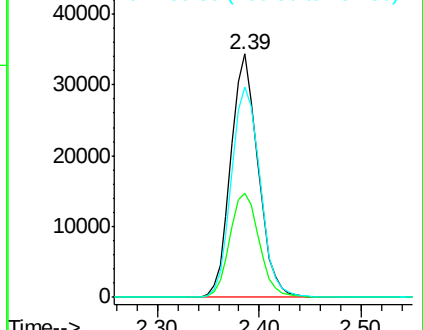
151 90.6 70.9 106.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 14.91 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.00 min

Lab File: VX002420.D

Acq: 09 Jun 2018 14:49

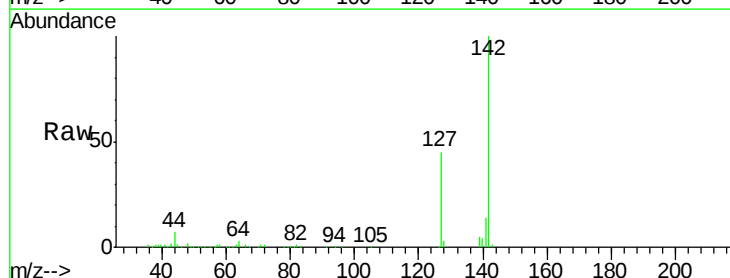
Tgt Ion:142 Resp: 55367

Ion Ratio Lower Upper

142 100

127 46.0 36.6 55.0

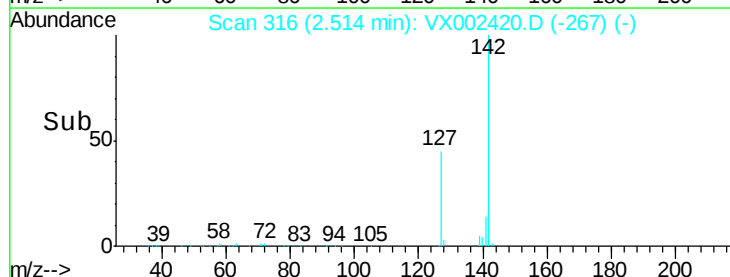
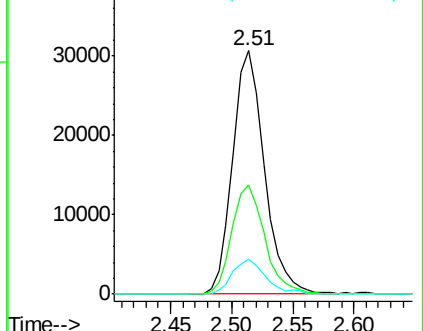
141 15.0 11.3 16.9



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



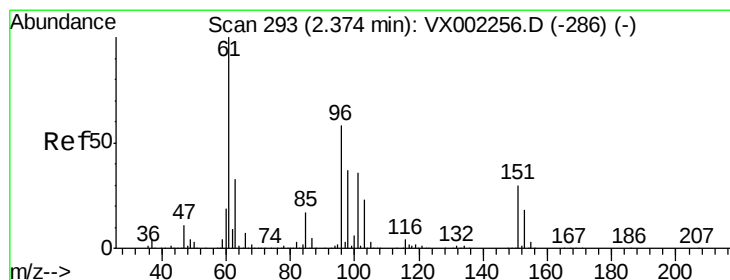
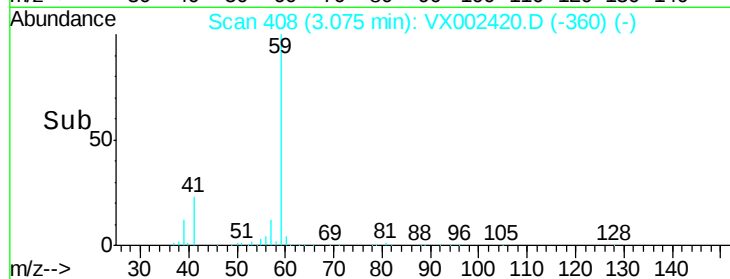
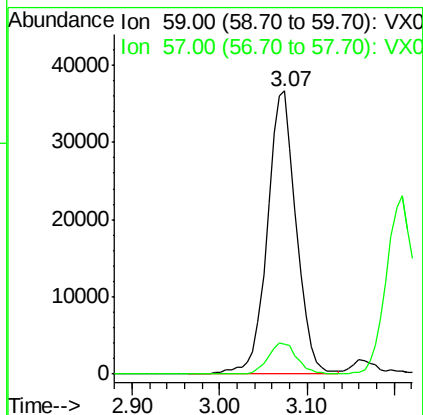
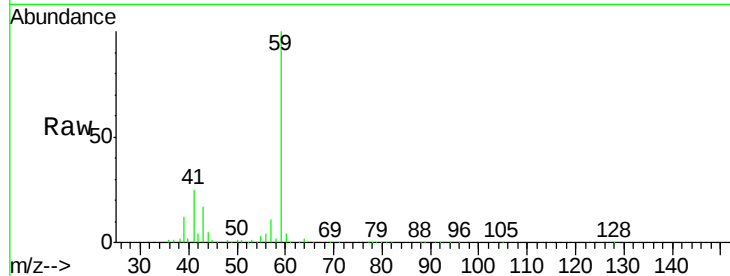


#11

Tert butyl alcohol
 Concen: 106.43 ug/l
 RT: 3.07 min Scan# 408
 Delta R.T. -0.01 min
 Lab File: VX002420.D
 Acq: 09 Jun 2018 14:49

Instrument :
 MSVOA_X
 ClientSampled :

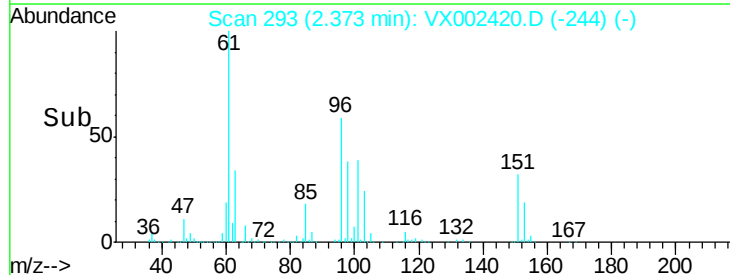
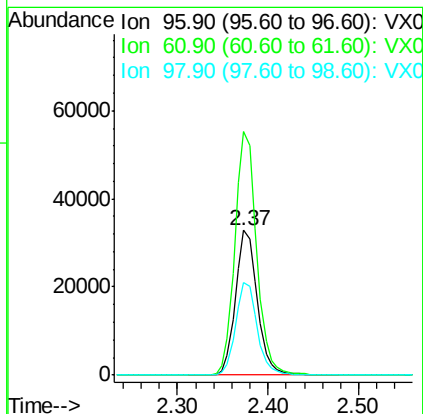
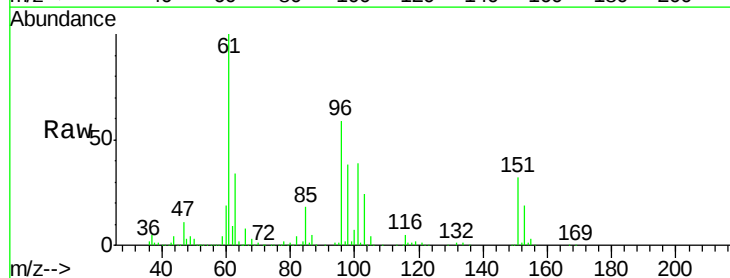
Tot Ion: 59 Resp: 84633
 Ion Ratio Lower Upper
 59 100
 57 11.2 8.2 12.2

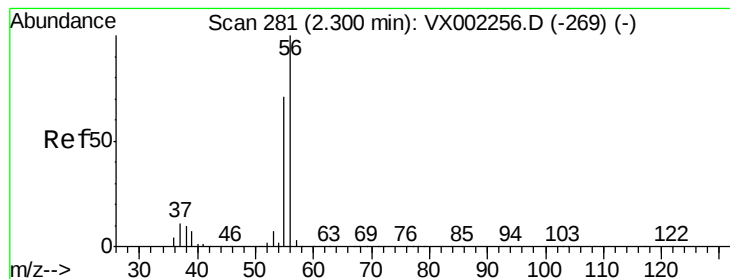


#12

1,1-Dichloroethene
 Concen: 21.04 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VX002420.D
 Acq: 09 Jun 2018 14:49

Tgt Ion: 96 Resp: 54901
 Ion Ratio Lower Upper
 96 100
 61 168.3 137.9 206.9
 98 63.6 51.6 77.4





#13

Acrolein

Concen: 113.26 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX002420.D

Acq: 09 Jun 2018 14:49

Instrument :

MSVOA_X

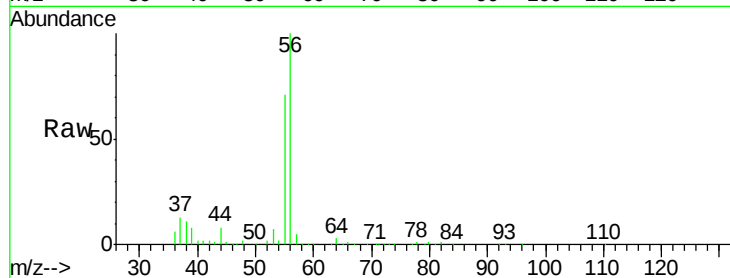
ClientSampleId :

Tot Ion: 56 Resp: 41283

Ion Ratio Lower Upper

56 100

55 69.7 57.0 85.4

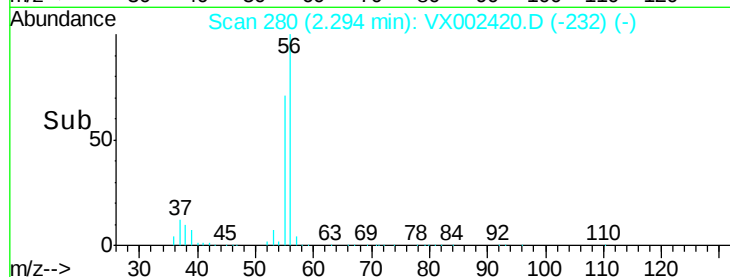


Abundance Ion 56.00 (55.70 to 56.70): VX002420.D (-232) (-)

Ion 55.00 (54.70 to 55.70): VX002420.D (-232) (-)

2.29

Time-->



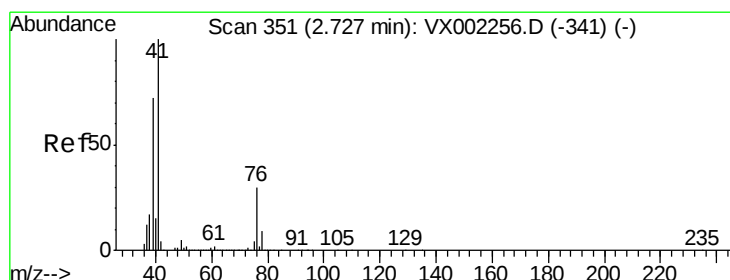
Abundance

Ion 56.00 (55.70 to 56.70): VX002420.D (-232) (-)

Ion 55.00 (54.70 to 55.70): VX002420.D (-232) (-)

2.29

Time-->



#14

Allyl chloride

Concen: 20.11 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002420.D

Acq: 09 Jun 2018 14:49

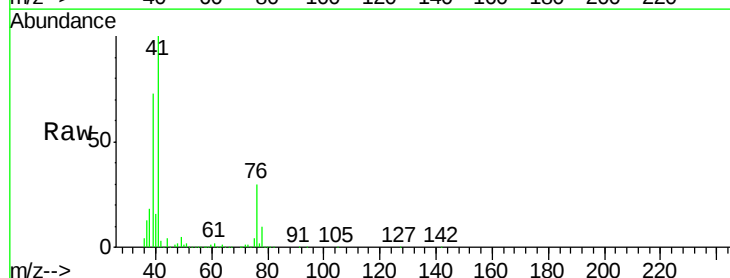
Tgt Ion: 41 Resp: 113894

Ion Ratio Lower Upper

41 100

39 71.7 56.8 85.2

76 29.2 23.8 35.8



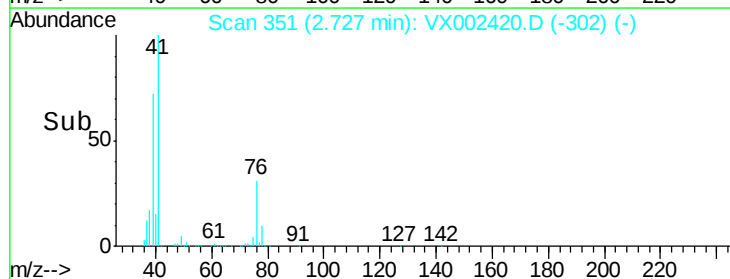
Abundance Ion 41.00 (40.70 to 41.70): VX002420.D (-302) (-)

Ion 39.00 (38.70 to 39.70): VX002420.D (-302) (-)

Ion 75.90 (75.60 to 76.60): VX002420.D (-302) (-)

2.73

Time-->



Abundance

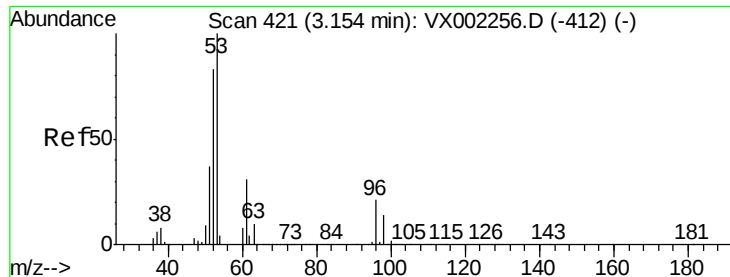
Ion 41.00 (40.70 to 41.70): VX002420.D (-302) (-)

Ion 39.00 (38.70 to 39.70): VX002420.D (-302) (-)

Ion 75.90 (75.60 to 76.60): VX002420.D (-302) (-)

2.73

Time-->



#15

Acrylonitrile

Concen: 120.25 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002420.D

Acq: 09 Jun 2018 14:49

Instrument :

MSVOA_X

ClientSampled :

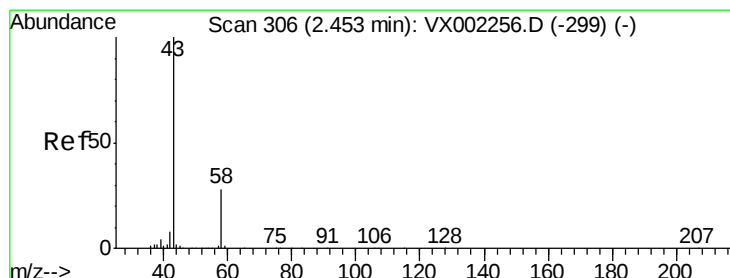
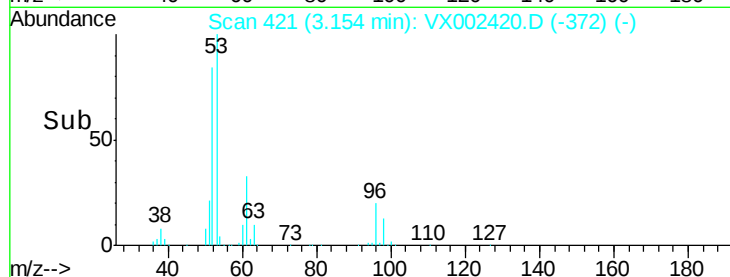
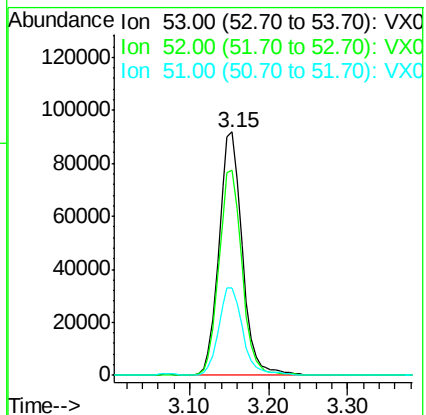
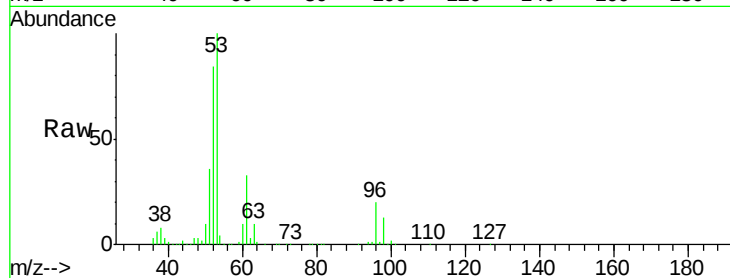
Tot Ion: 53 Resp: 186914

Ion Ratio Lower Upper

53 100

52 84.1 66.7 100.1

51 37.6 29.9 44.9



#16

Acetone

Concen: 118.86 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002420.D

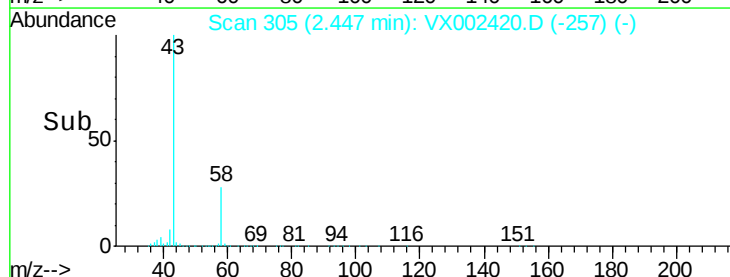
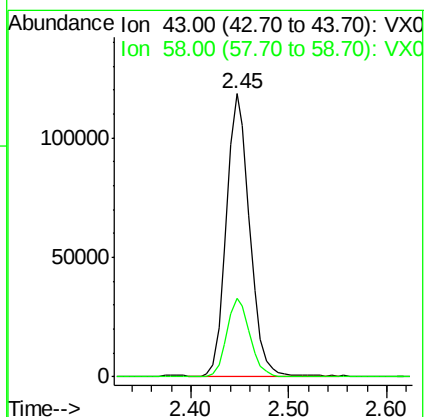
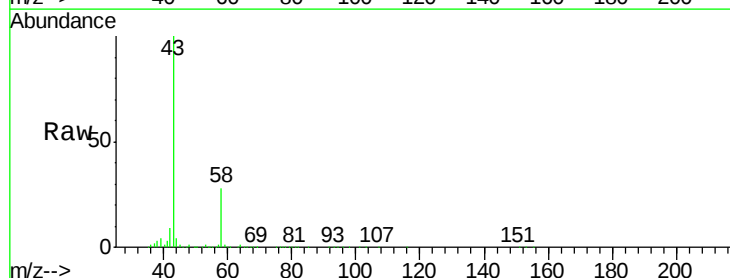
Acq: 09 Jun 2018 14:49

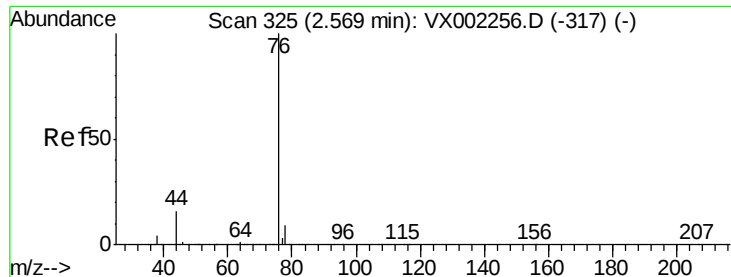
Tgt Ion: 43 Resp: 194379

Ion Ratio Lower Upper

43 100

58 27.9 22.1 33.1

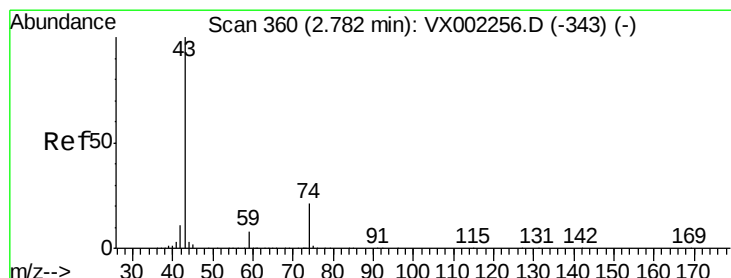
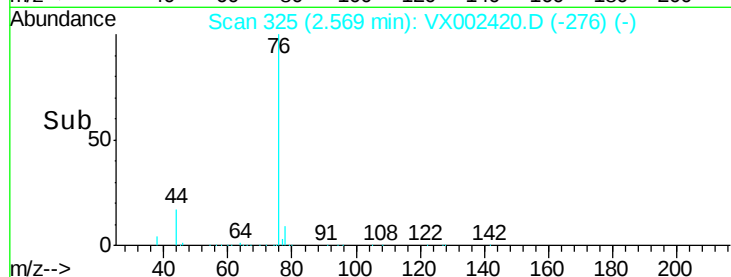
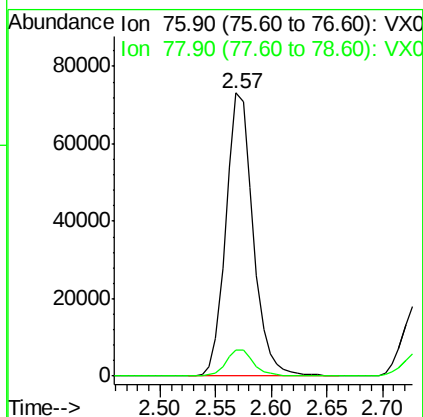
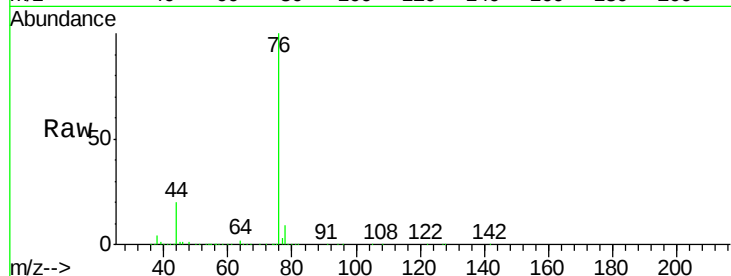




#17
Carbon Disulfide
Concen: 18.05 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX002420.D
Acq: 09 Jun 2018 14:49

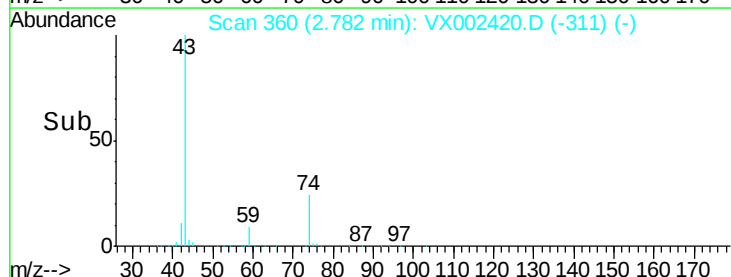
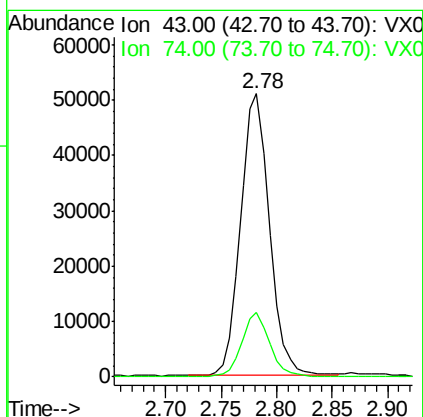
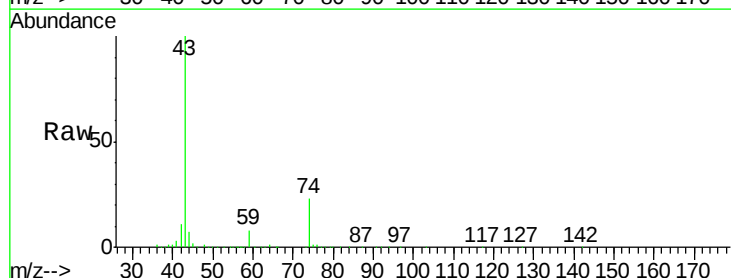
Instrument :
MSVOA_X
ClientSampleId :

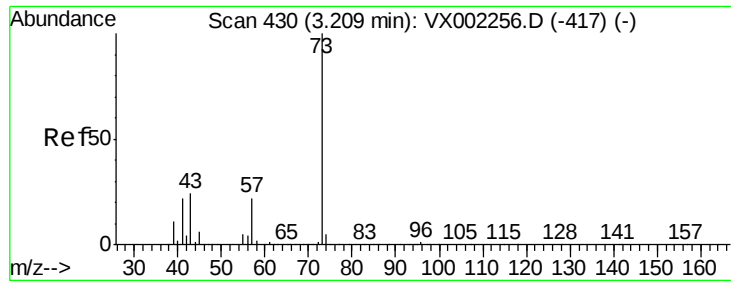
Tot Ion: 76 Resp: 124137
Ion Ratio Lower Upper
76 100
78 9.1 6.9 10.3



#18
Methyl Acetate
Concen: 24.83 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX002420.D
Acq: 09 Jun 2018 14:49

Tgt Ion: 43 Resp: 91971
Ion Ratio Lower Upper
43 100
74 22.5 16.7 25.1



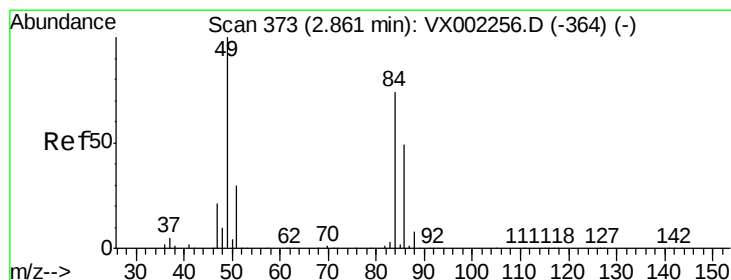
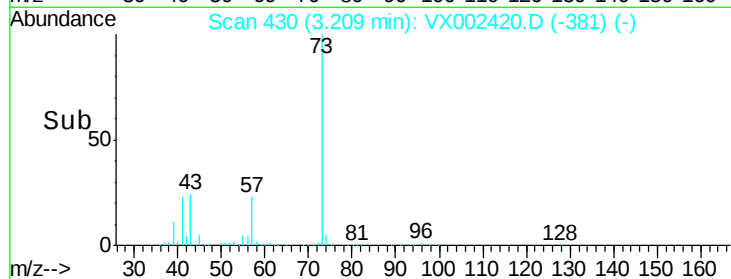
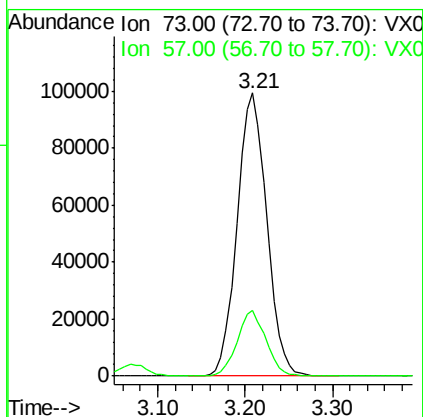
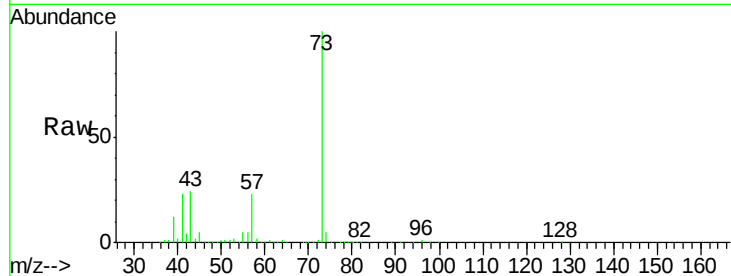


#19

Methyl tert-butyl Ether
Concen: 24.59 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX002420.D
Acq: 09 Jun 2018 14:49

Instrument :
MSVOA_X
ClientSampled :

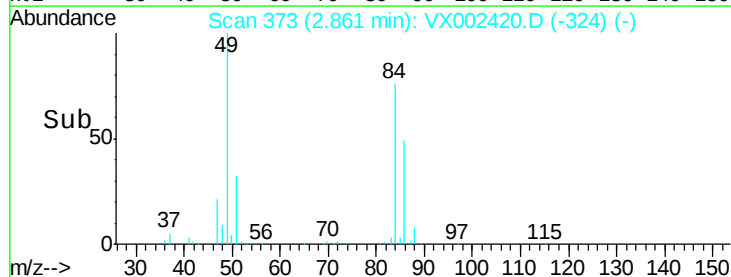
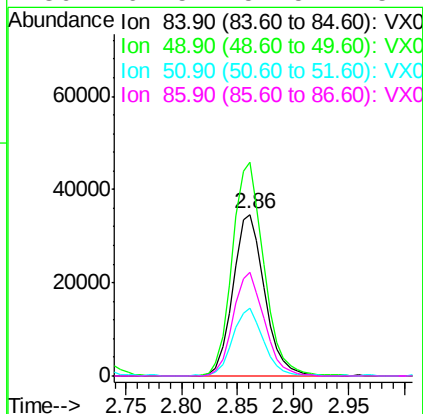
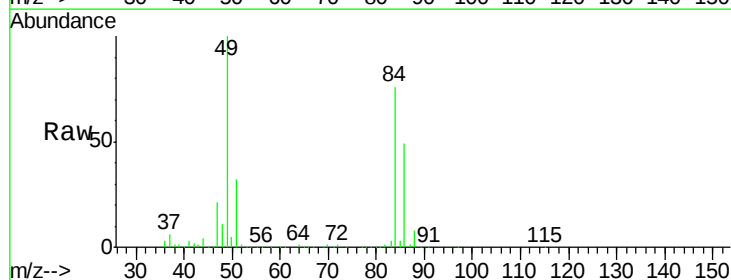
Tot Ion: 73 Resp: 234524
Ion Ratio Lower Upper
73 100
57 23.2 17.7 26.5

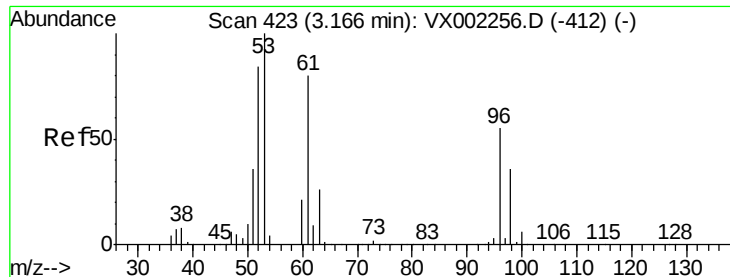


#20

Methylene Chloride
Concen: 23.01 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002420.D
Acq: 09 Jun 2018 14:49

Tgt Ion: 84 Resp: 67912
Ion Ratio Lower Upper
84 100
49 132.2 107.8 161.6
51 41.6 32.8 49.2
86 64.5 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 20.76 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002420.D

Acq: 09 Jun 2018 14:49

Instrument :

MSVOA_X

ClientSampled :

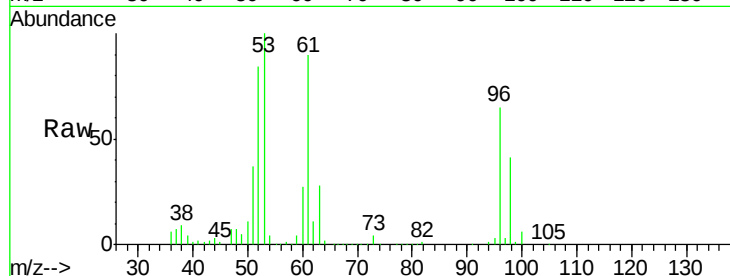
Tot Ion: 96 Resp: 59740

Ion Ratio Lower Upper

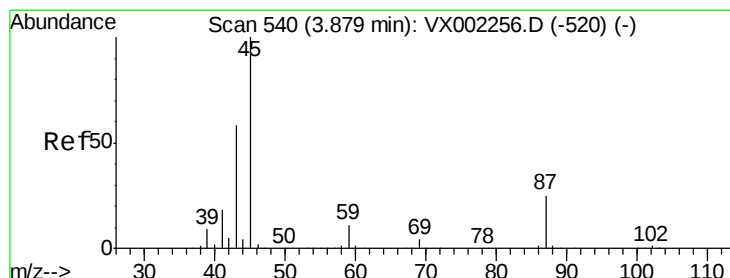
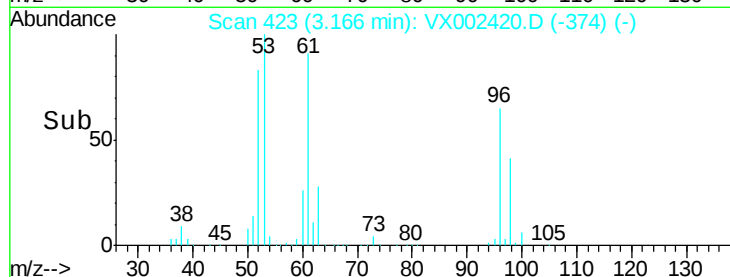
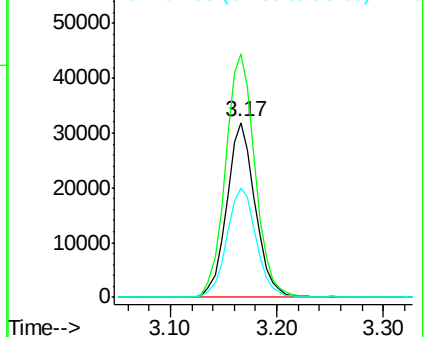
96 100

61 139.2 117.0 175.4

98 62.8 52.4 78.6



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 21.64 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX002420.D

Acq: 09 Jun 2018 14:49

Tgt Ion: 45 Resp: 212778

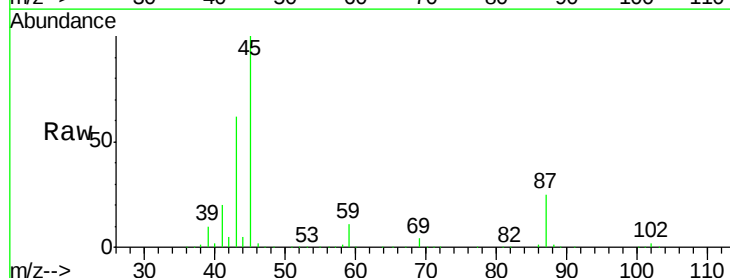
Ion Ratio Lower Upper

45 100

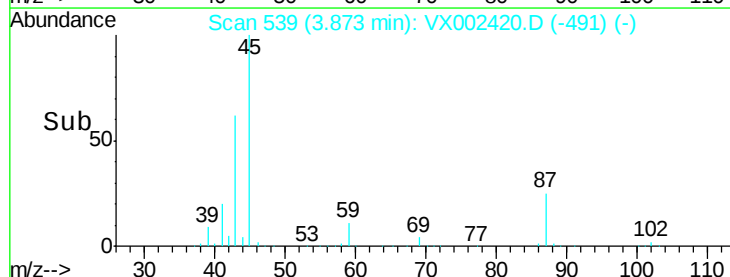
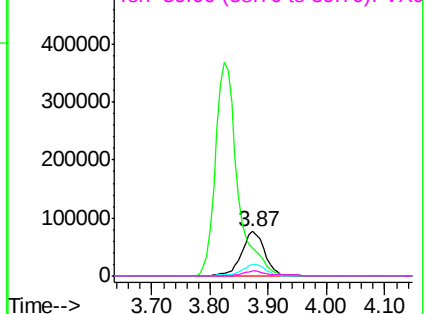
43 61.4 46.8 70.2

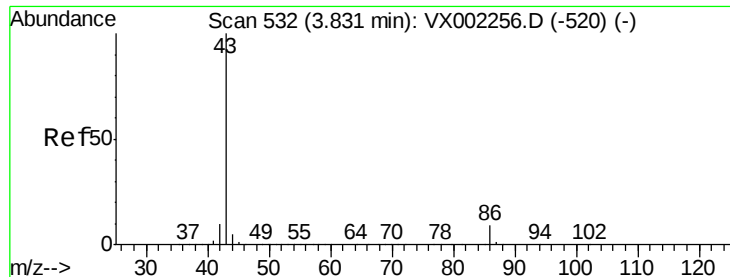
87 25.4 20.2 30.4

59 10.9 8.7 13.1



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 105.60 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX002420.D

Acq: 09 Jun 2018 14:49

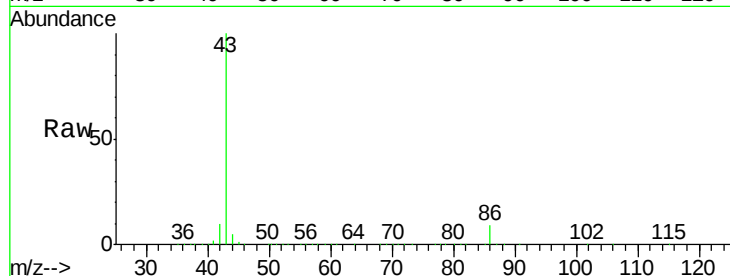
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 969594

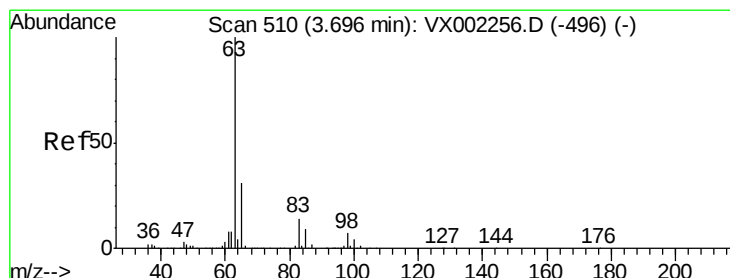
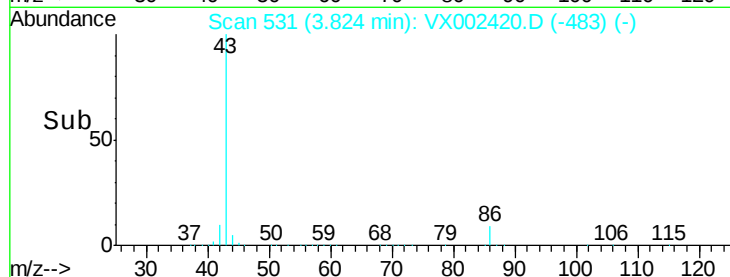
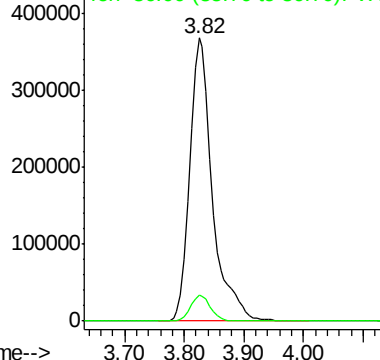
Ion Ratio Lower Upper

43 100

86 9.1 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 21.82 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX002420.D

Acq: 09 Jun 2018 14:49

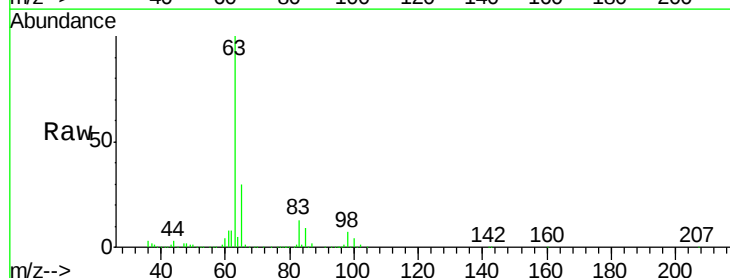
Tgt Ion: 63 Resp: 122120

Ion Ratio Lower Upper

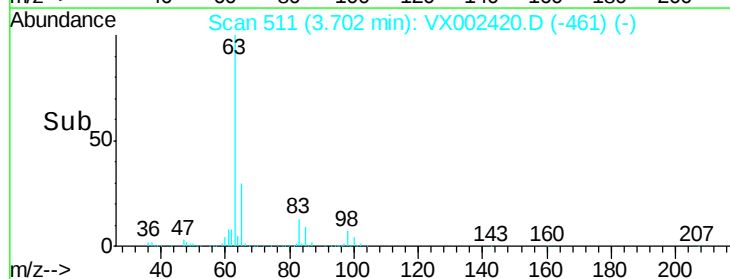
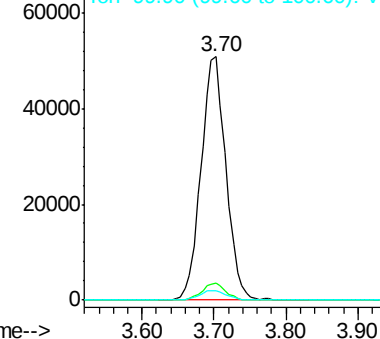
63 100

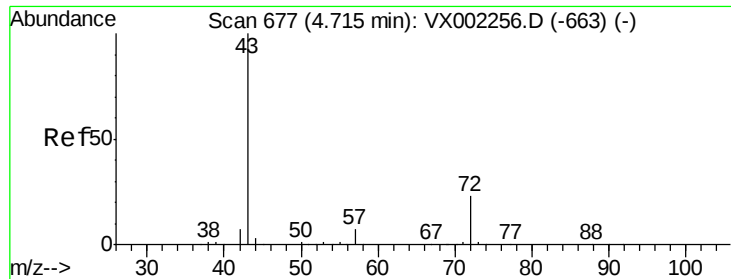
98 7.0 3.4 10.2

100 3.9 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 97.90 (97.60 to 98.60): VX0
Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 103.43 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX002420.D

Acq: 09 Jun 2018 14:49

Instrument :

MSVOA_X

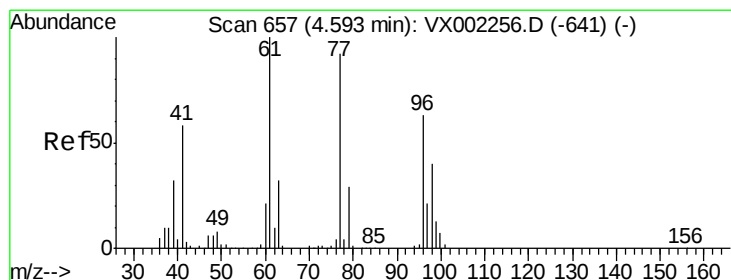
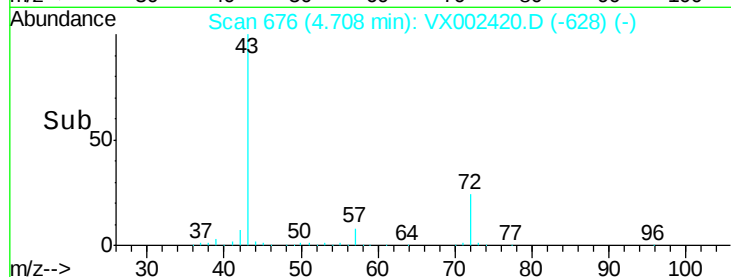
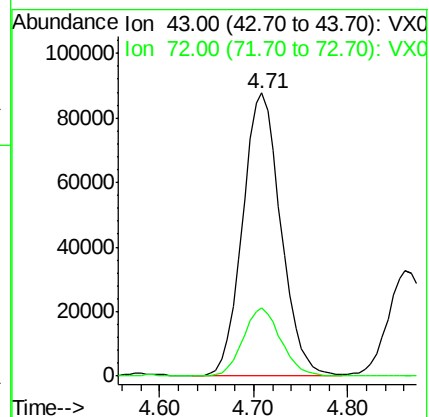
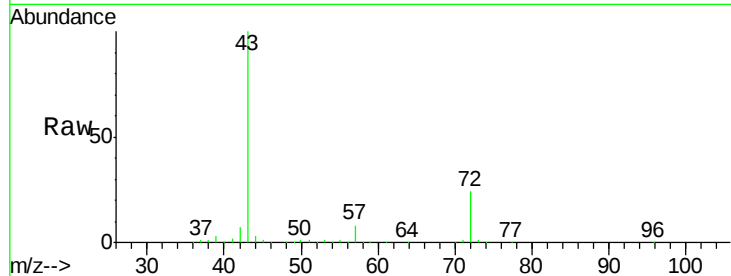
ClientSampleId :

Tot Ion: 43 Resp: 248616

Ion Ratio Lower Upper

43 100

72 24.0 18.5 27.7



#26

2,2-Dichloropropane

Concen: 18.87 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX002420.D

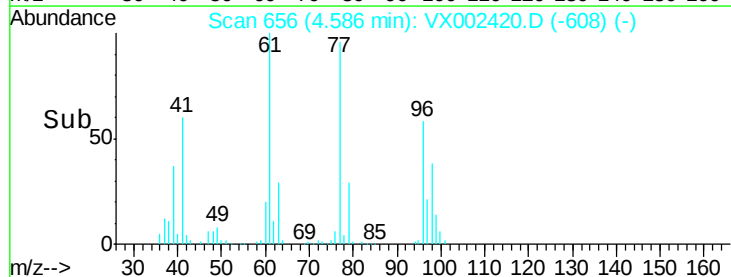
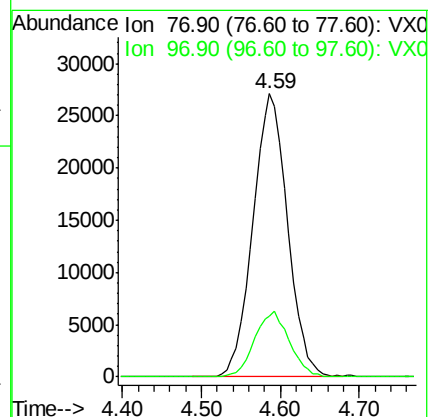
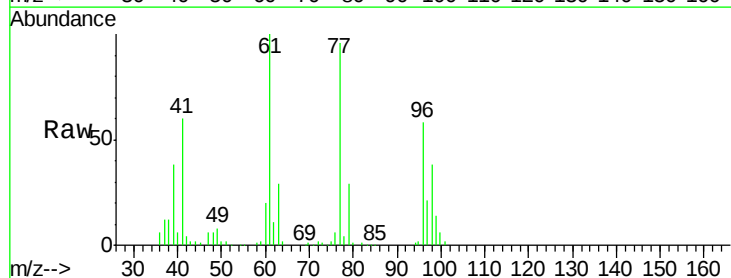
Acq: 09 Jun 2018 14:49

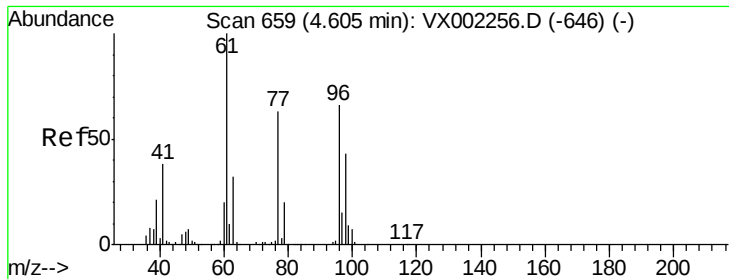
Tgt Ion: 77 Resp: 82565

Ion Ratio Lower Upper

77 100

97 23.3 11.2 33.5



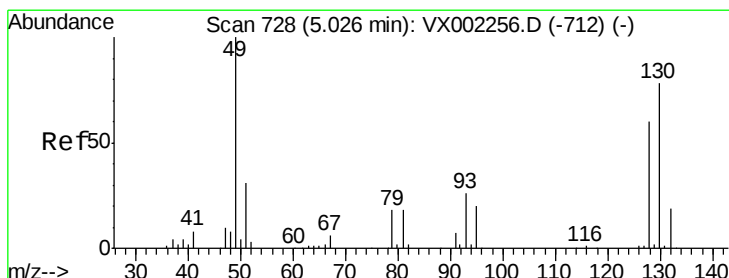
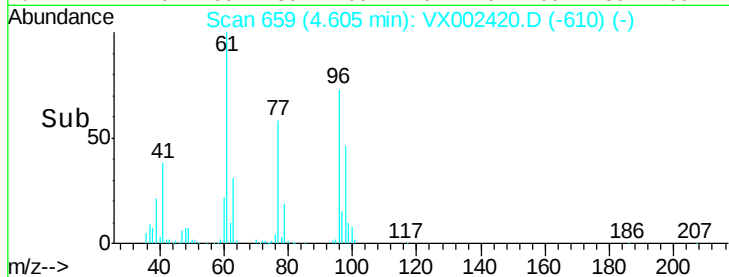
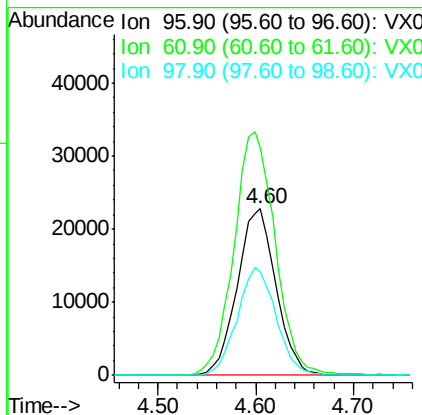
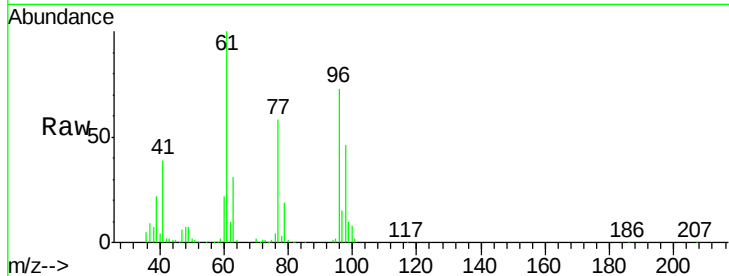


#27

cis-1,2-Dichloroethene
 Concen: 20.03 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. -0.00 min
 Lab File: VX002420.D
 Acq: 09 Jun 2018 14:49

Instrument :
 MSVOA_X
 ClientSampleId :

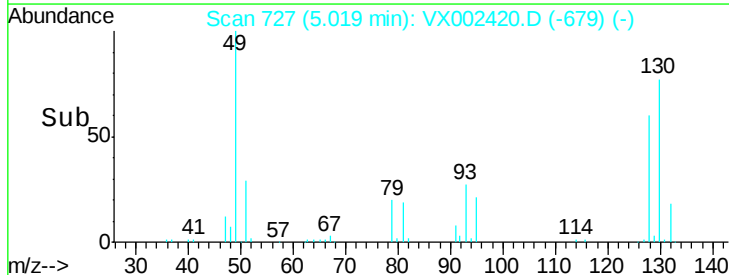
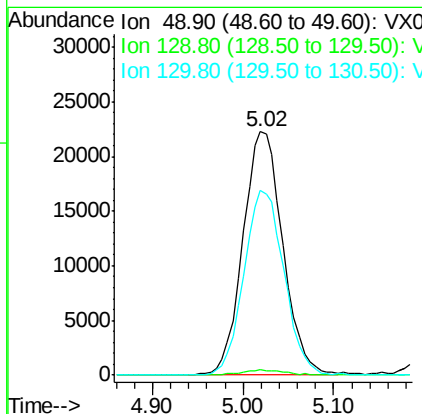
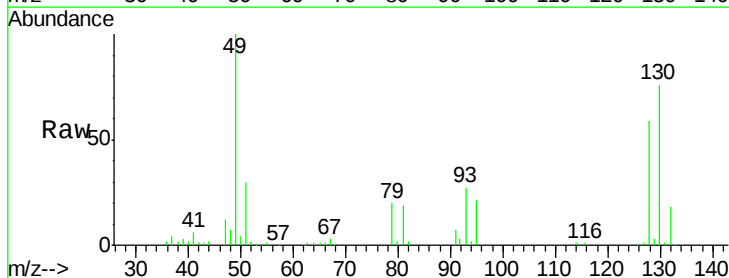
Tot Ion: 96 Resp: 62695
 Ion Ratio Lower Upper
 96 100
 61 155.9 0.0 330.2
 98 65.0 0.0 130.2

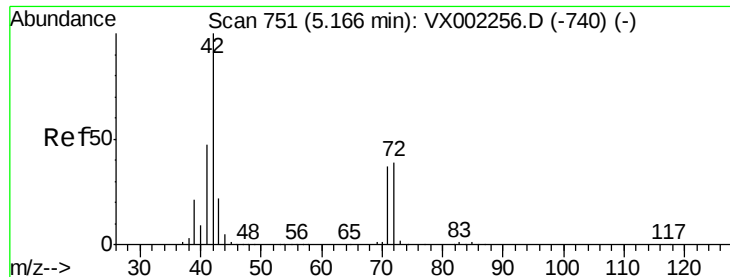


#28

Bromochloromethane
 Concen: 26.76 ug/l
 RT: 5.02 min Scan# 727
 Delta R.T. -0.01 min
 Lab File: VX002420.D
 Acq: 09 Jun 2018 14:49

Tgt Ion: 49 Resp: 67646
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.2
 130 76.2 61.2 91.8





#29

Tetrahydrofuran

Concen: 100.70 ug/l

RT: 5.17 min Scan# 751

Delta R.T. -0.00 min

Lab File: VX002420.D

Acq: 09 Jun 2018 14:49

Instrument :
MSVOA_X
ClientSampleId :

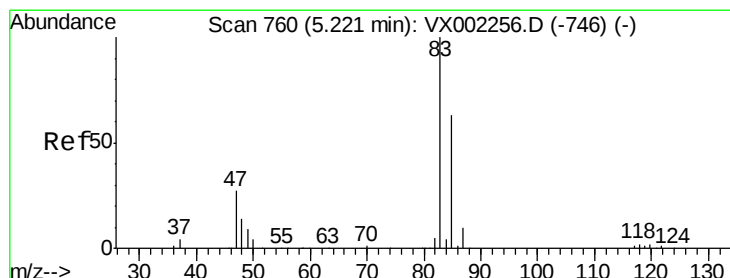
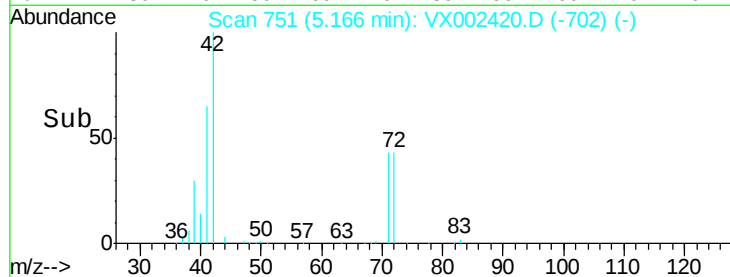
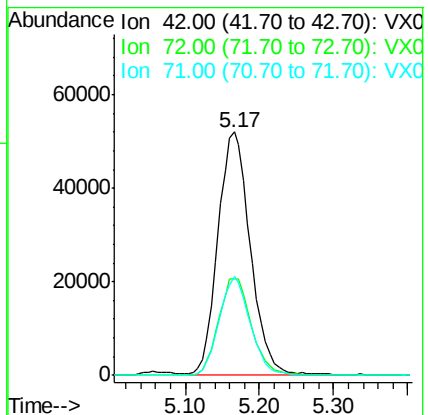
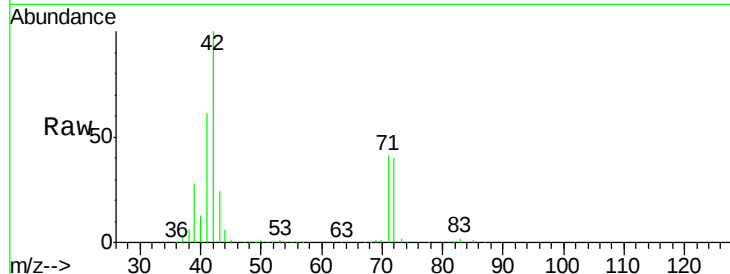
Tot Ion: 42 Resp: 156070

Ion Ratio Lower Upper

42 100

72 40.8 32.0 48.0

71 39.2 30.1 45.1



#30

Chloroform

Concen: 20.42 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX002420.D

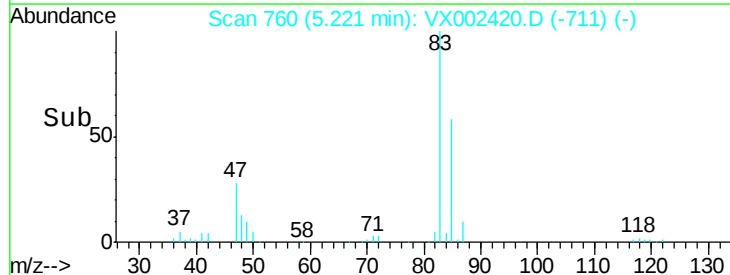
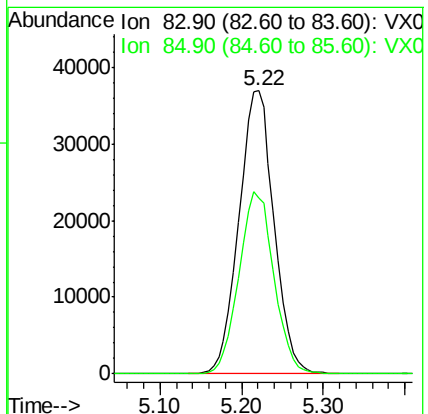
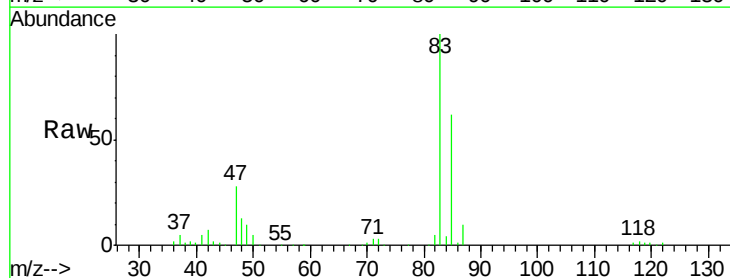
Acq: 09 Jun 2018 14:49

Tgt Ion: 83 Resp: 110326

Ion Ratio Lower Upper

83 100

85 62.3 50.4 75.6

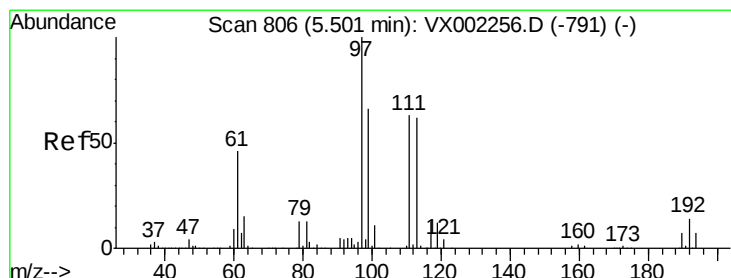
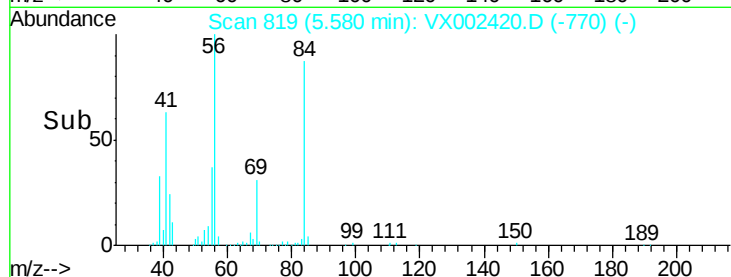
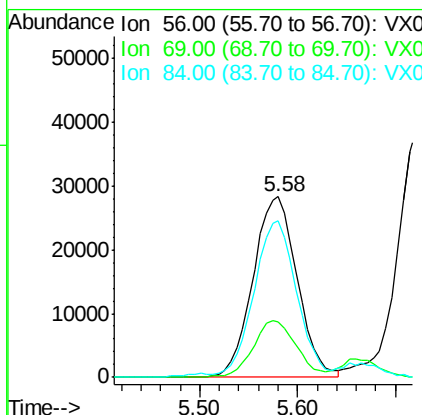
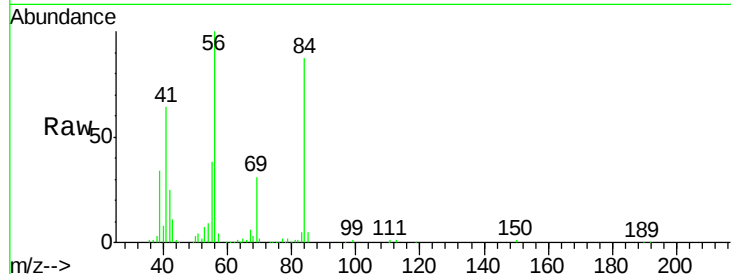




#31
Cyclohexane
Concen: 20.05 ug/l
RT: 5.58 min Scan# 819
Delta R.T. -0.00 min
Lab File: VX002420.D
Acq: 09 Jun 2018 14:49

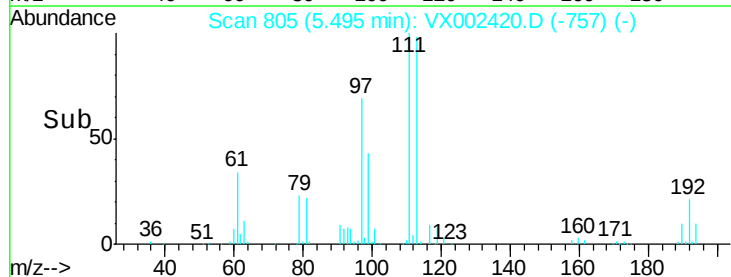
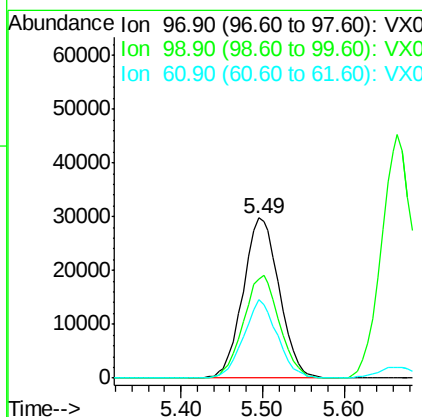
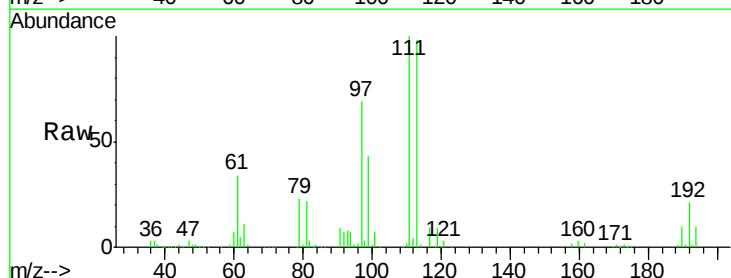
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 88735
Ion Ratio Lower Upper
56 100
69 30.7 23.7 35.5
84 85.2 64.1 96.1



#32
1,1,1-Trichloroethane
Concen: 20.02 ug/l
RT: 5.49 min Scan# 805
Delta R.T. -0.01 min
Lab File: VX002420.D
Acq: 09 Jun 2018 14:49

Tgt Ion: 97 Resp: 91712
Ion Ratio Lower Upper
97 100
99 63.7 51.6 77.4
61 45.5 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 54.10 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.01 min

Lab File: VX002420.D

Acq: 09 Jun 2018 14:49

Instrument :

MSVOA_X

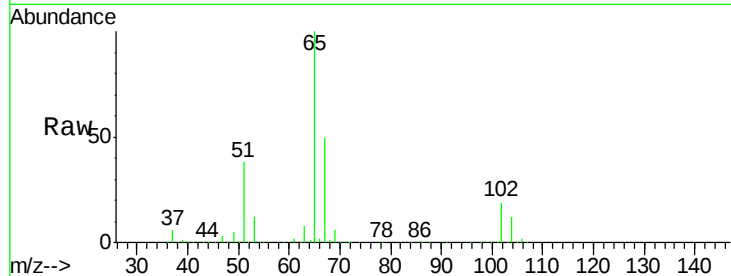
ClientSampleId :

Tot Ion: 65 Resp: 188661

Ion Ratio Lower Upper

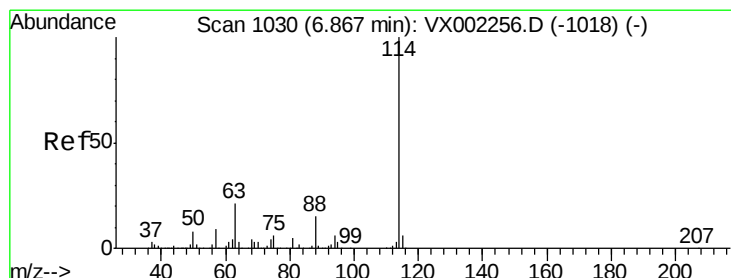
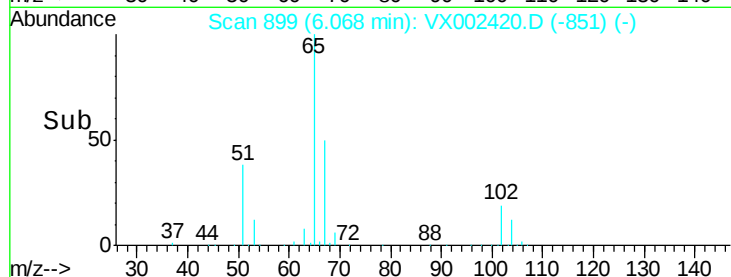
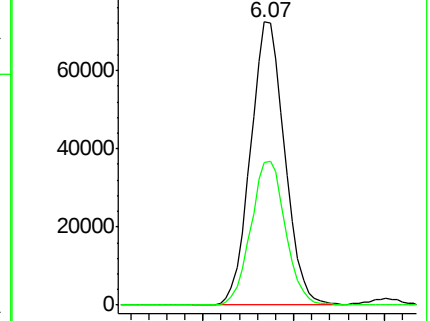
65 100

67 51.5 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002420.D

Acq: 09 Jun 2018 14:49

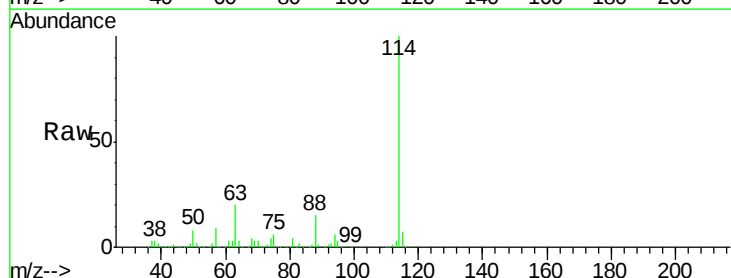
Tgt Ion: 114 Resp: 354258

Ion Ratio Lower Upper

114 100

63 20.4 0.0 41.4

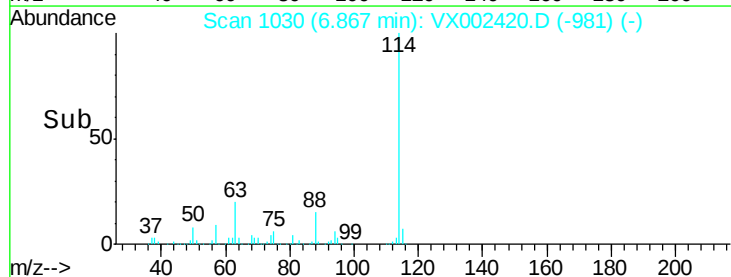
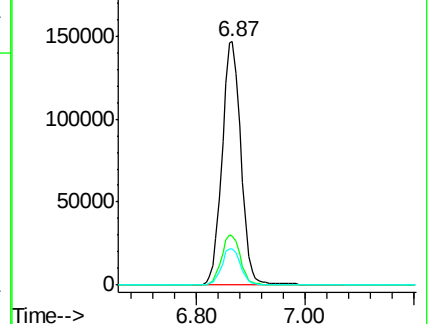
88 14.8 0.0 30.0

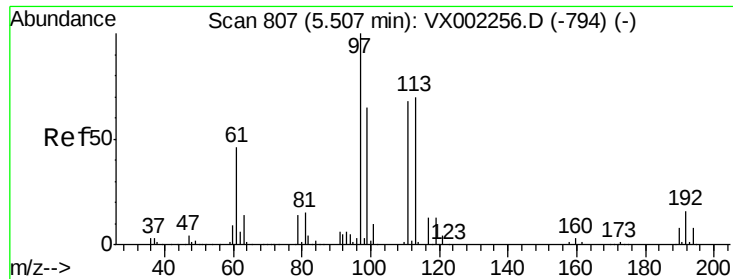


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 51.50 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002420.D

Acq: 09 Jun 2018 14:49

Instrument :

MSVOA_X

ClientSampleId :

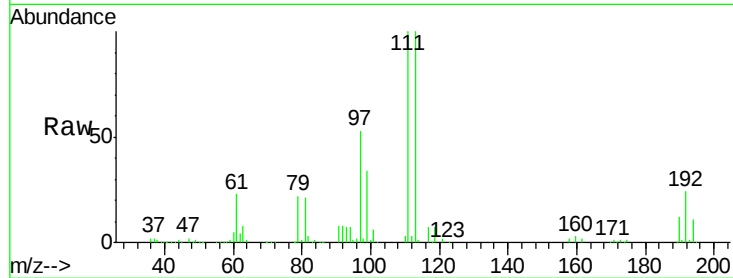
Tot Ion:113 Resp: 143485

Ion Ratio Lower Upper

113 100

111 101.6 81.4 122.0

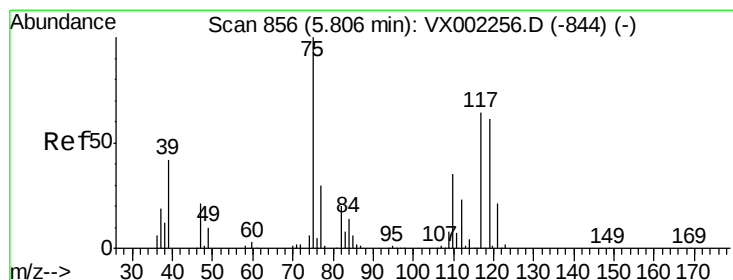
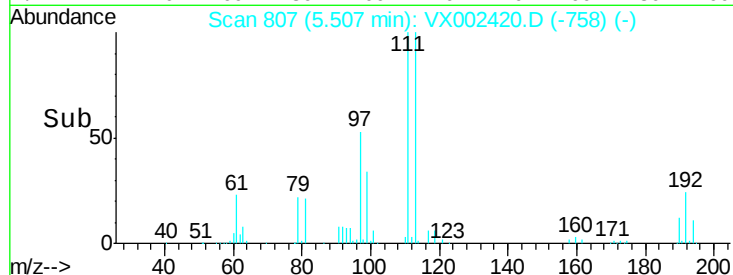
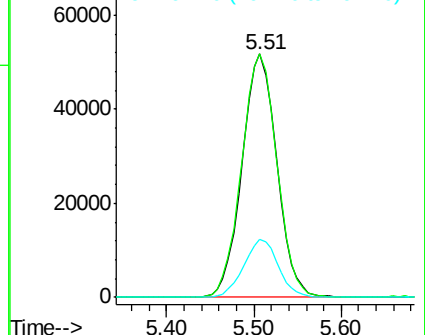
192 23.6 19.1 28.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 20.21 ug/l

RT: 5.80 min Scan# 856

Delta R.T. -0.01 min

Lab File: VX002420.D

Acq: 09 Jun 2018 14:49

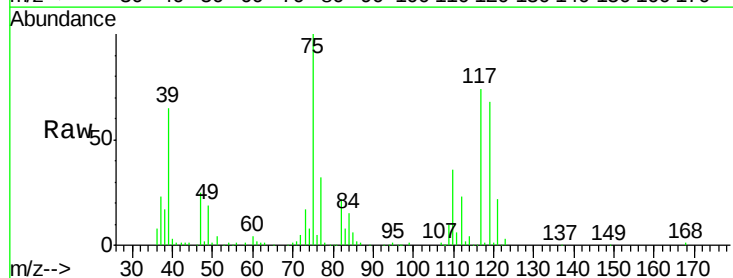
Tgt Ion: 75 Resp: 75273

Ion Ratio Lower Upper

75 100

110 36.4 18.1 54.4

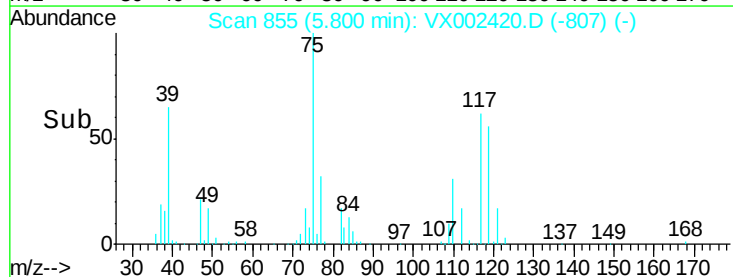
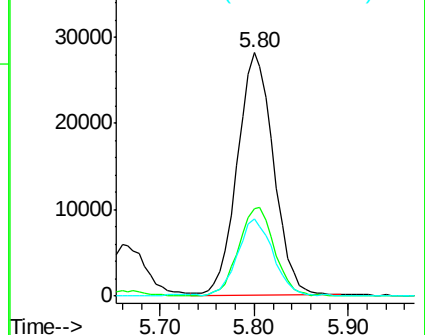
77 30.6 24.3 36.5

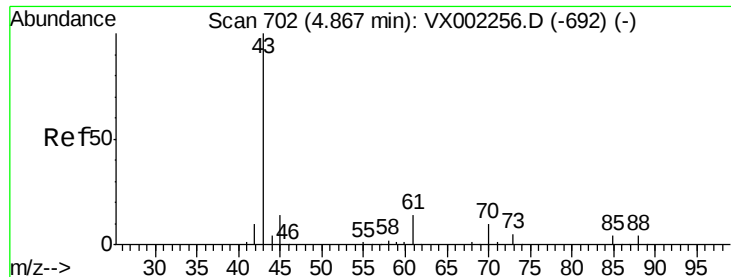


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

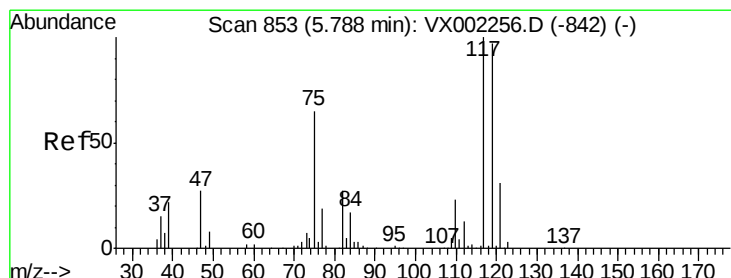
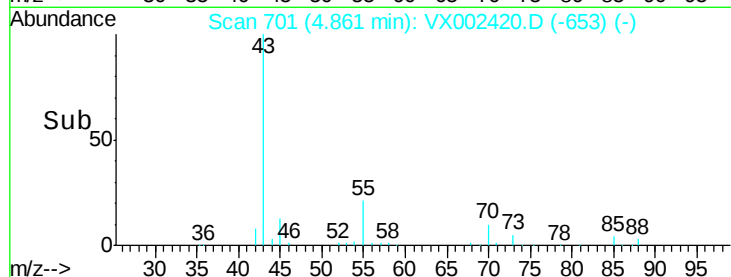
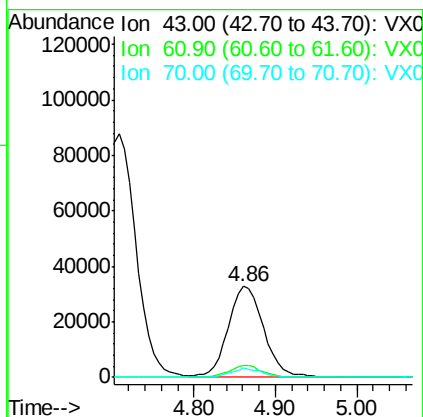
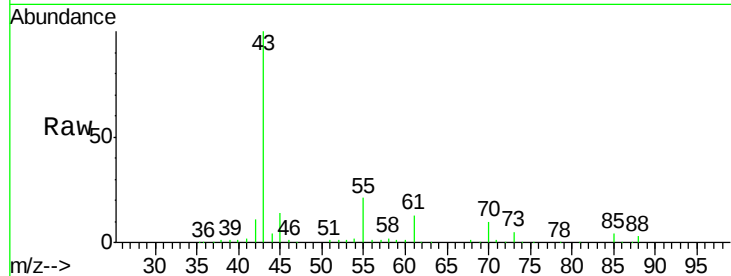




#37
Ethyl Acetate
Concen: 21.62 ug/l
RT: 4.86 min Scan# 701
Delta R.T. -0.01 min
Lab File: VX002420.D
Acq: 09 Jun 2018 14:49

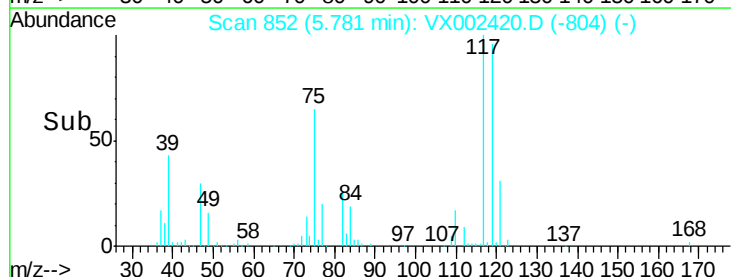
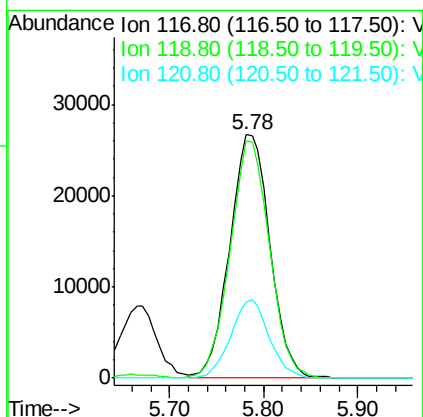
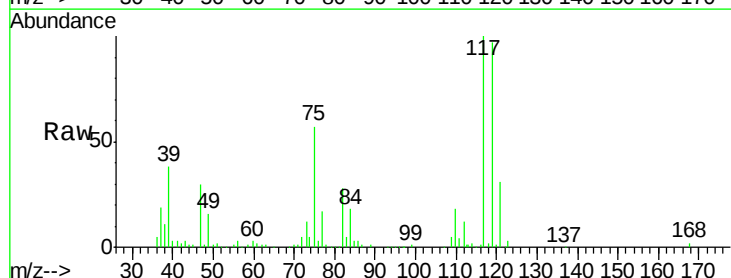
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 96843
Ion Ratio Lower Upper
43 100
61 12.6 10.4 15.6
70 9.3 7.6 11.4



#38
Carbon Tetrachloride
Concen: 20.39 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX002420.D
Acq: 09 Jun 2018 14:49

Tgt Ion: 117 Resp: 79454
Ion Ratio Lower Upper
117 100
119 97.4 77.4 116.0
121 31.0 24.4 36.6

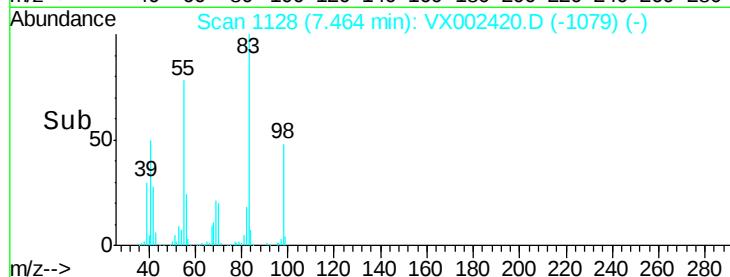
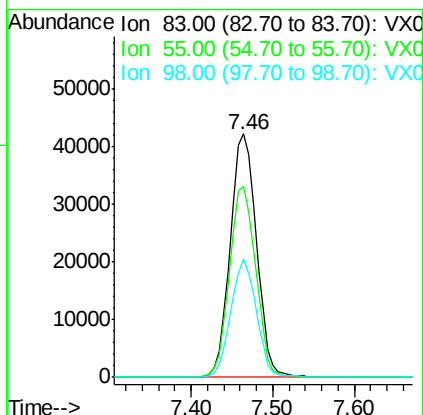
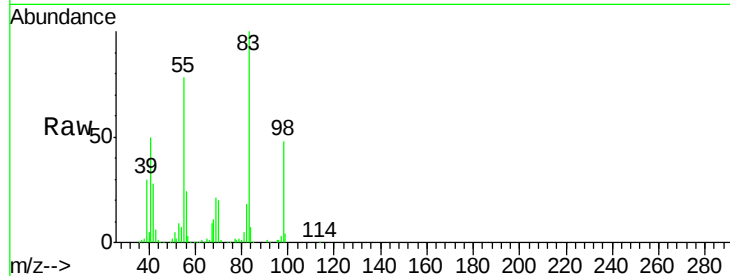




#39
Methvlcvclohexane
Concen: 20.51 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX002420.D
Acq: 09 Jun 2018 14:49

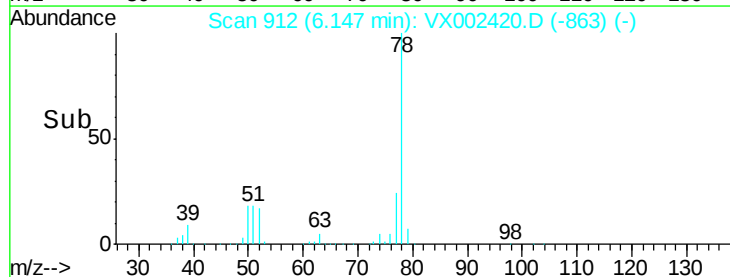
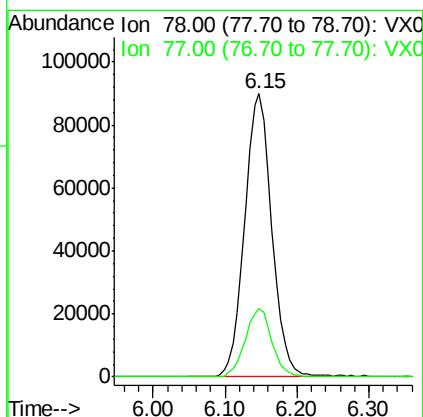
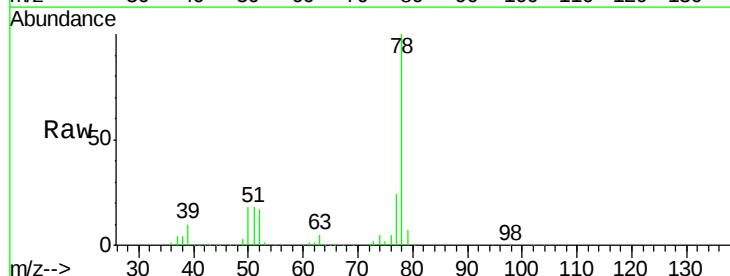
Instrument :
MSVOA_X
ClientSampled :

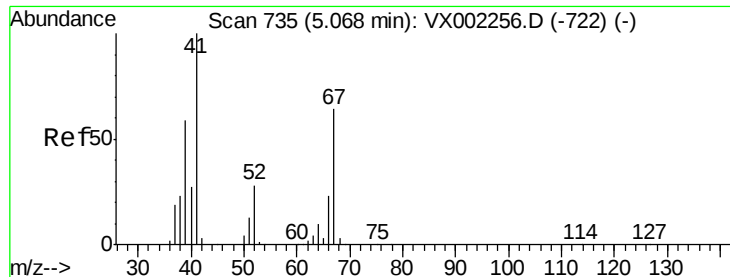
Tot Ion: 83 Resp: 93634
Ion Ratio Lower Upper
83 100
55 78.3 65.4 98.0
98 48.4 37.4 56.0



#40
Benzene
Concen: 20.62 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002420.D
Acq: 09 Jun 2018 14:49

Tgt Ion: 78 Resp: 235424
Ion Ratio Lower Upper
78 100
77 24.1 19.1 28.7

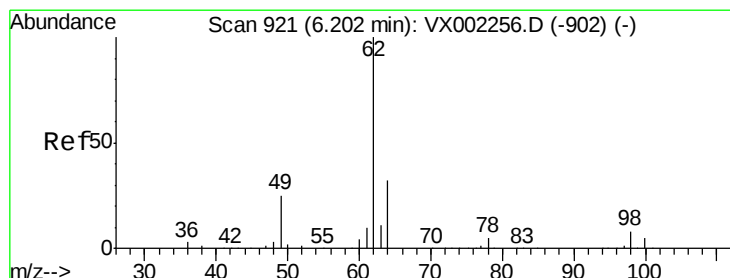
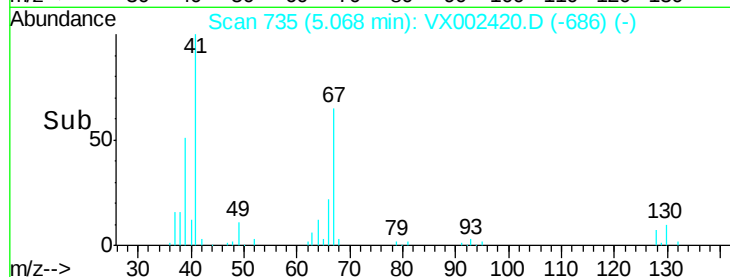
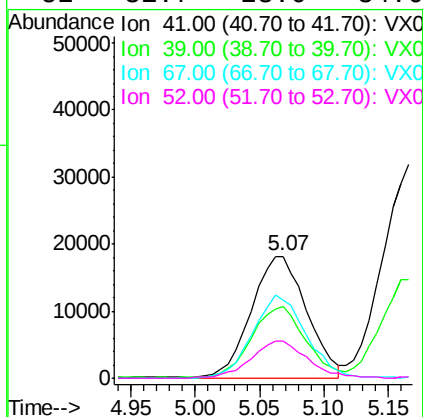
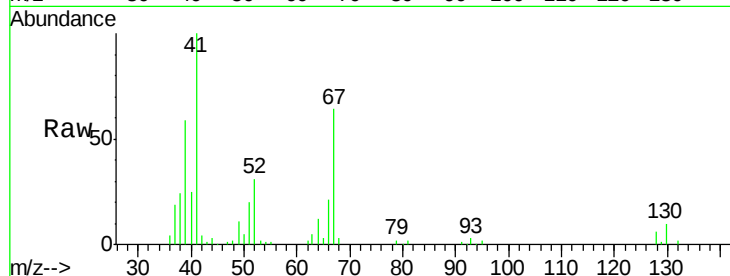




#41
Methacrylonitrile
Concen: 20.95 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX002420.D
Acq: 09 Jun 2018 14:49

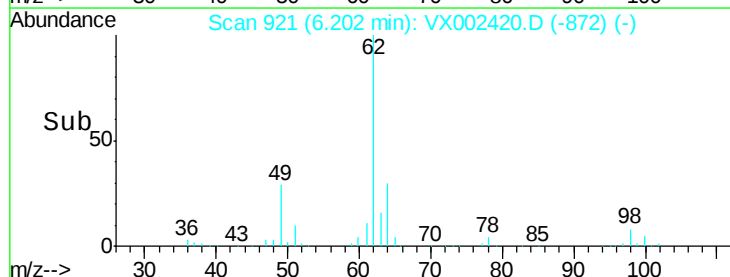
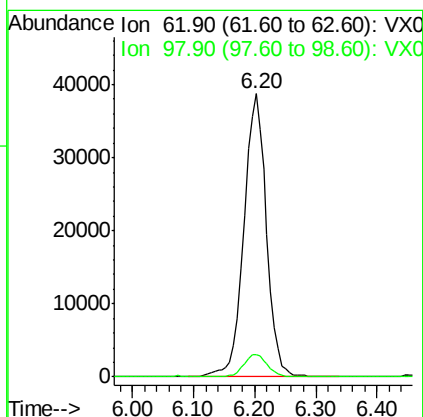
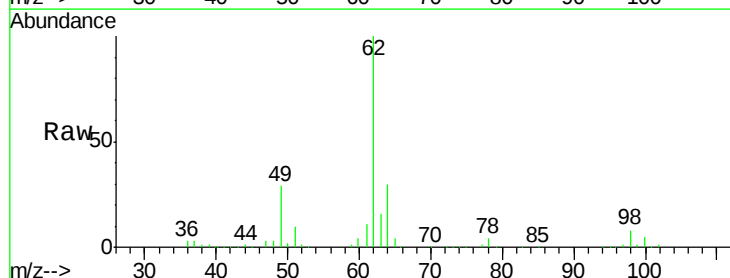
Instrument :
MSVOA_X
ClientSampled :

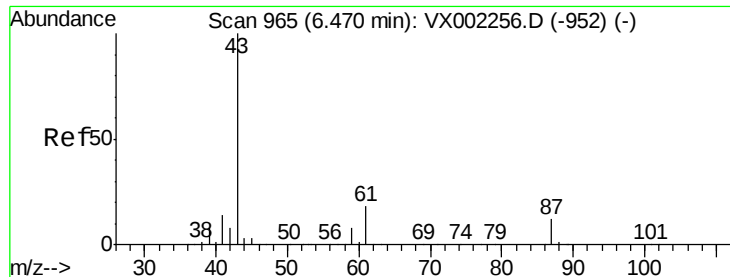
Tot Ion:	41	Resp:	53722
Ion	Ratio	Lower	Upper
41	100		
39	58.1	45.8	68.6
67	67.0	51.3	76.9
52	31.7	23.0	34.6



#42
1,2-Dichloroethane
Concen: 21.82 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX002420.D
Acq: 09 Jun 2018 14:49

Tgt Ion:	62	Resp:	98975
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	16.6



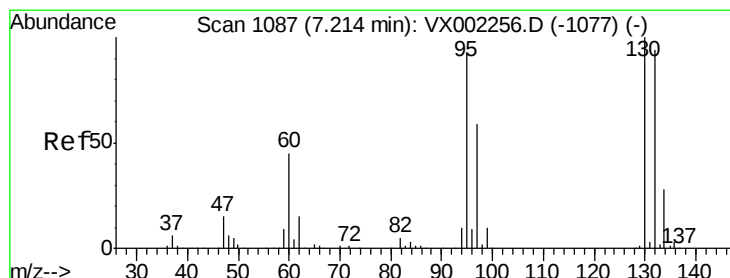
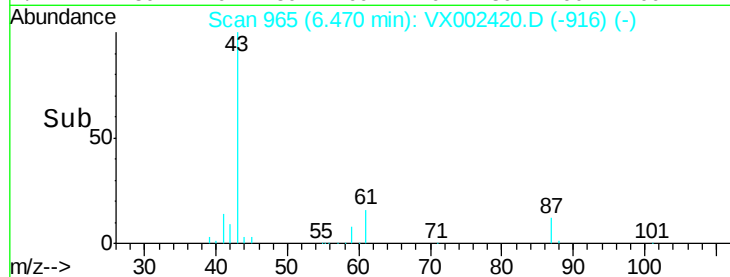
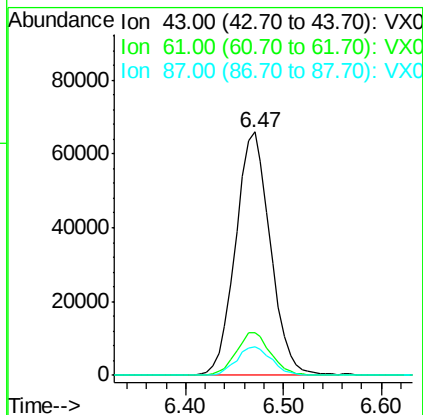
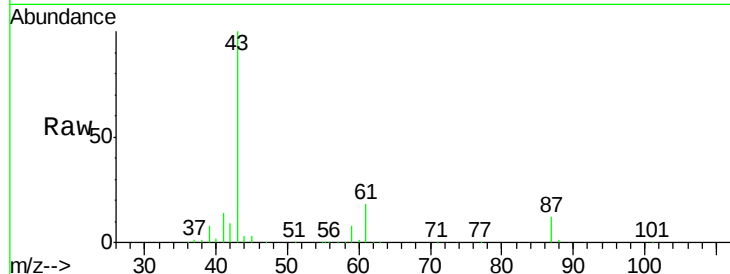


#43

Isopropyl Acetate
 Concen: 21.21 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: VX002420.D
 Acq: 09 Jun 2018 14:49

Instrument :
 MSVOA_X
 ClientSampleId :

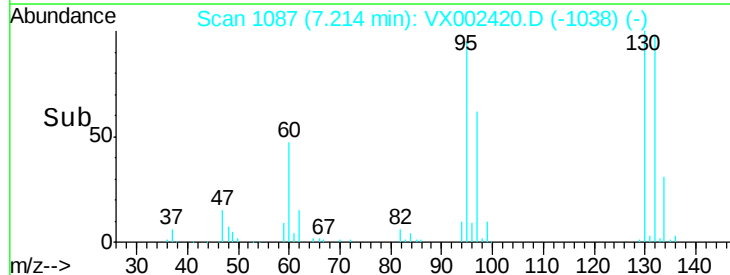
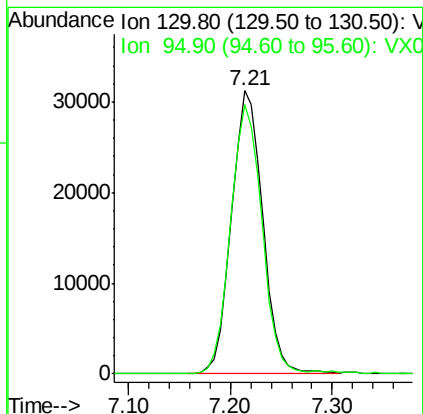
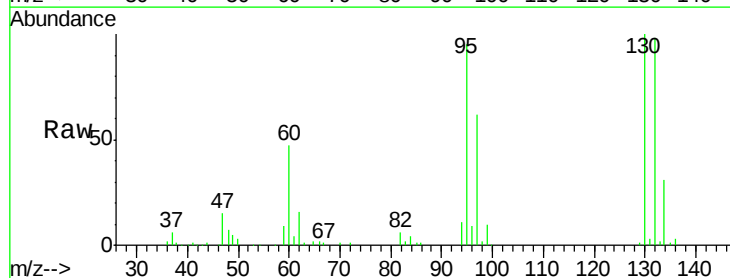
Tot Ion: 43 Resp: 161366
 Ion Ratio Lower Upper
 43 100
 61 17.7 14.4 21.6
 87 12.0 9.5 14.3

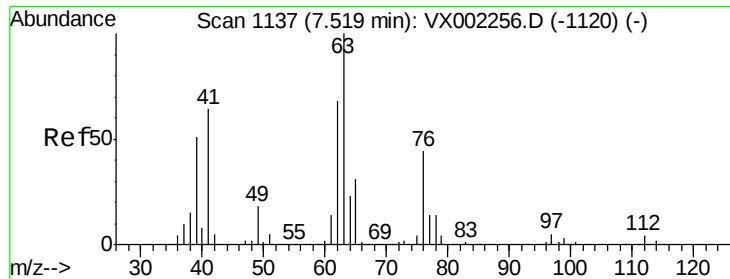


#44

Trichloroethene
 Concen: 20.90 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX002420.D
 Acq: 09 Jun 2018 14:49

Tgt Ion:130 Resp: 66243
 Ion Ratio Lower Upper
 130 100
 95 95.4 0.0 185.4

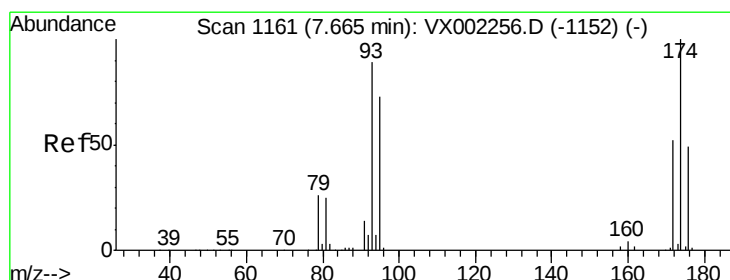
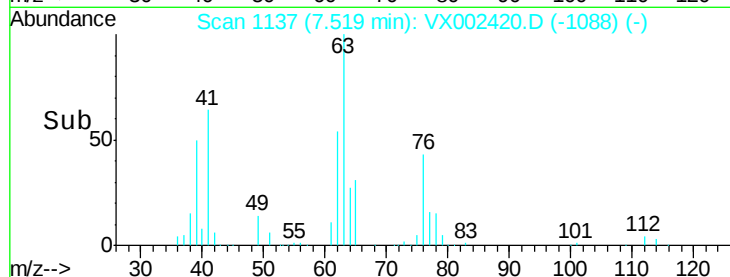
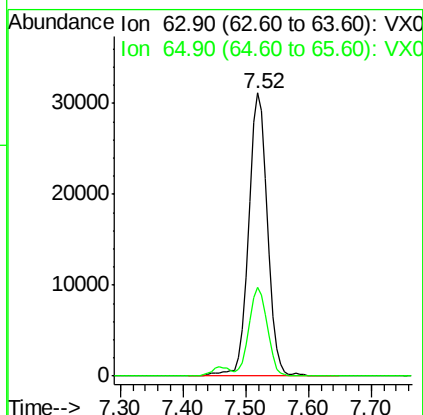
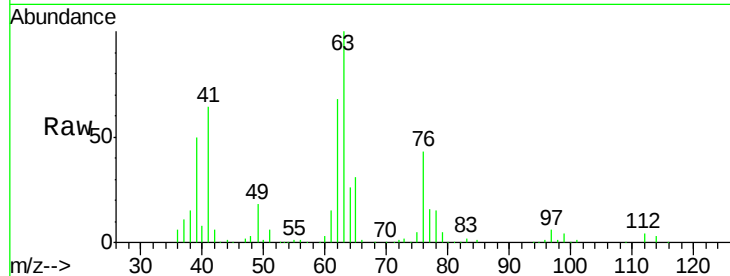




#45
 1,2-Dichloropropane
 Concen: 21.06 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX002420.D
 Acq: 09 Jun 2018 14:49

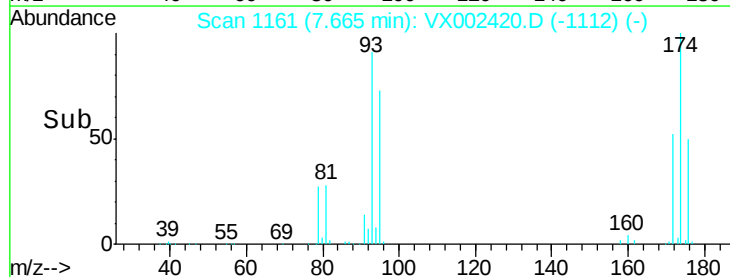
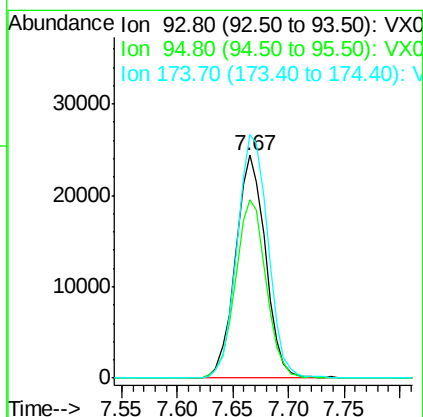
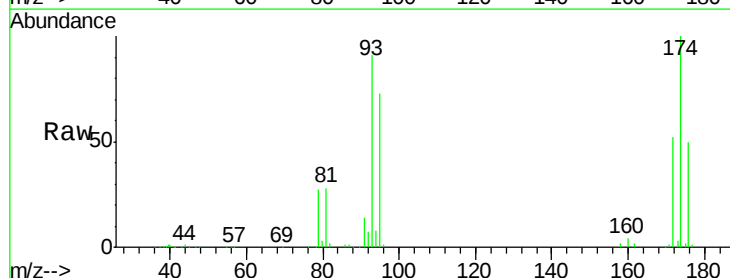
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 63 Resp: 64921
 Ion Ratio Lower Upper
 63 100
 65 31.4 24.7 37.1



#46
 Dibromomethane
 Concen: 21.72 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX002420.D
 Acq: 09 Jun 2018 14:49

Tgt Ion: 93 Resp: 45401
 Ion Ratio Lower Upper
 93 100
 95 81.8 65.9 98.9
 174 113.4 92.4 138.6

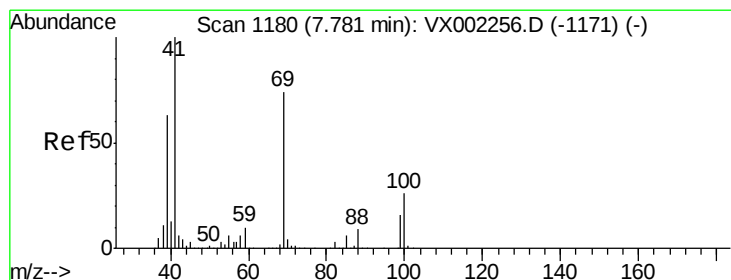
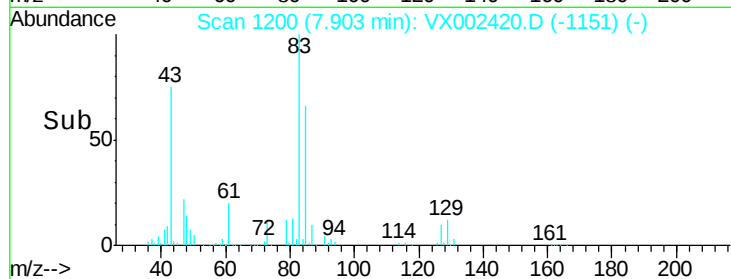
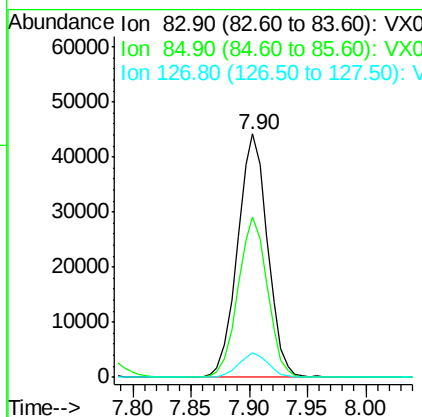
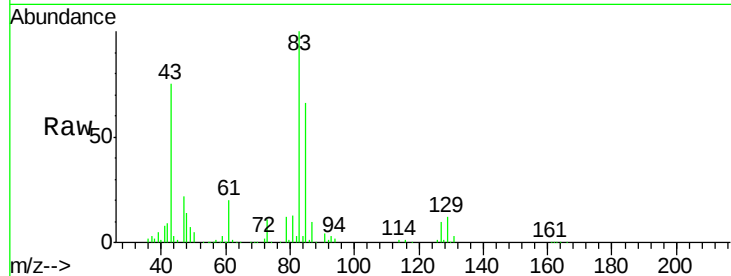




#47
 Bromodichloromethane
 Concen: 21.01 ug/l
 RT: 7.90 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: VX002420.D
 Acq: 09 Jun 2018 14:49

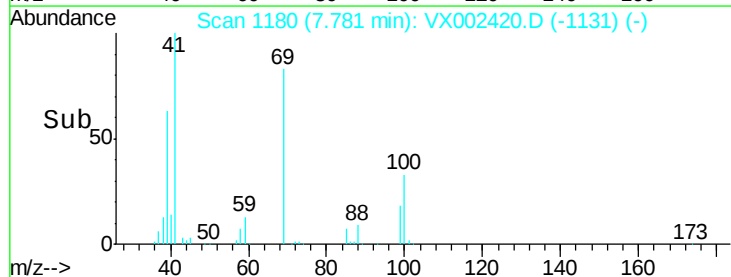
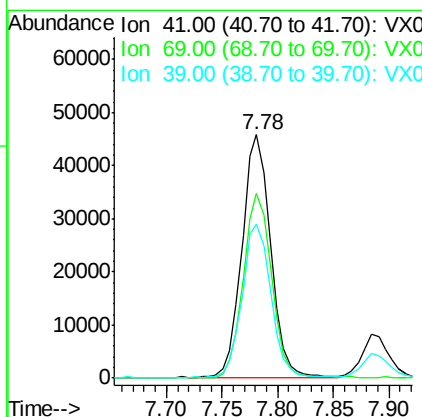
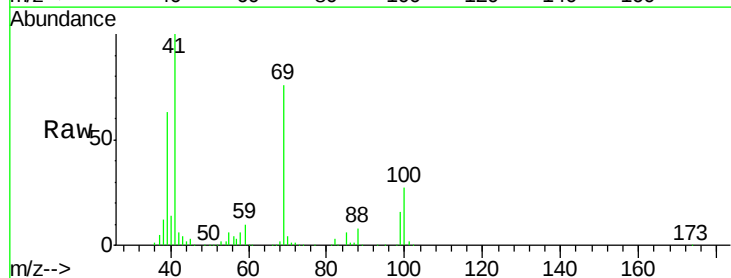
Instrument :
 MSVOA_X
 ClientSampleId :

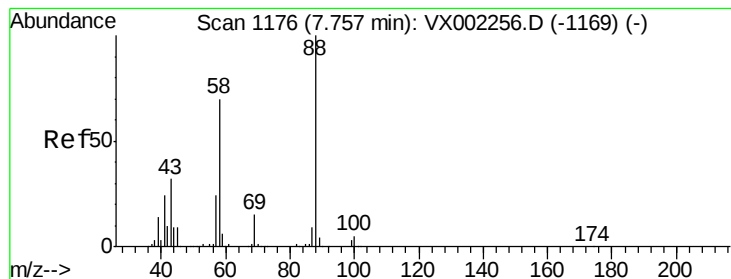
Tot Ion: 83 Resp: 79395
 Ion Ratio Lower Upper
 83 100
 85 65.6 50.3 75.5
 127 10.1 7.0 10.4



#48
 Methyl methacrylate
 Concen: 21.33 ug/l
 RT: 7.78 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VX002420.D
 Acq: 09 Jun 2018 14:49

Tgt Ion: 41 Resp: 81489
 Ion Ratio Lower Upper
 41 100
 69 76.5 59.1 88.7
 39 64.2 48.9 73.3





#49

1,4-Dioxane

Concen: 433.22 ug/l

RT: 7.76 min Scan# 1176

Delta R.T. -0.00 min

Lab File: VX002420.D

Acq: 09 Jun 2018 14:49

Instrument :

MSVOA_X

ClientSampleId :

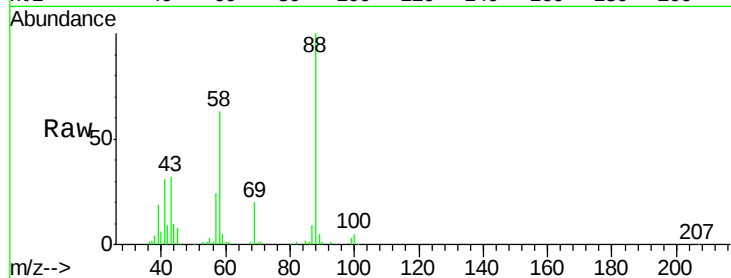
Tot Ion: 88 Resp: 30953

Ion Ratio Lower Upper

88 100

43 37.7 29.8 44.6

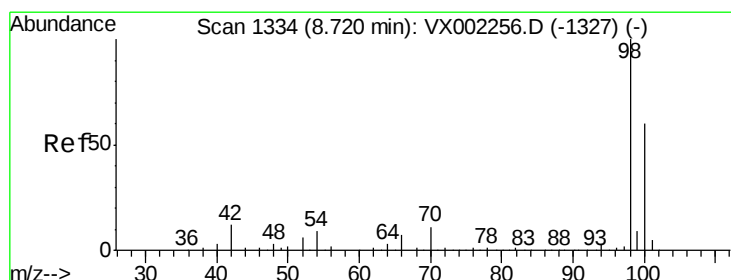
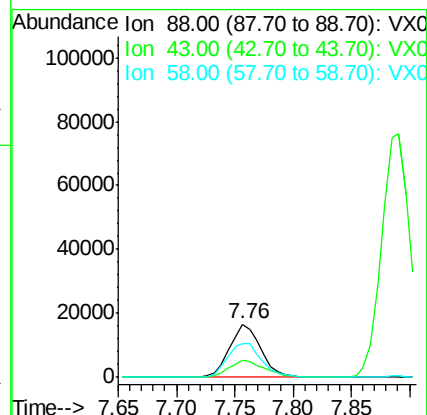
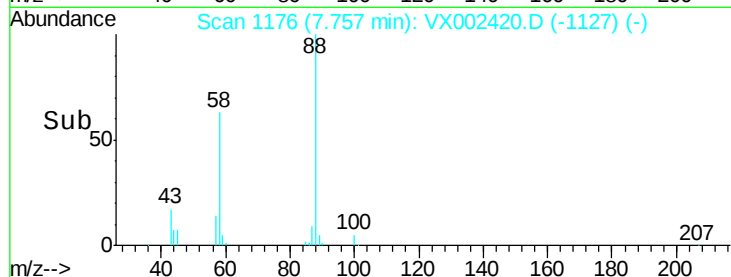
58 70.2 57.1 85.7



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 49.44 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX002420.D

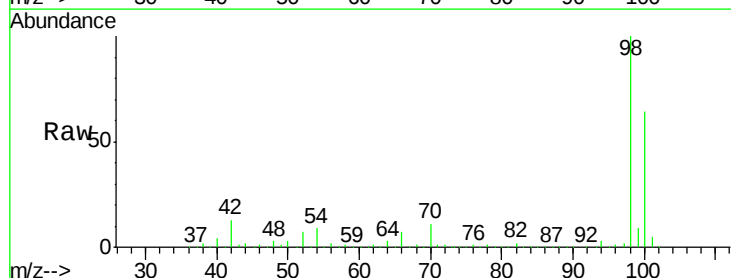
Acq: 09 Jun 2018 14:49

Tgt Ion: 98 Resp: 527929

Ion Ratio Lower Upper

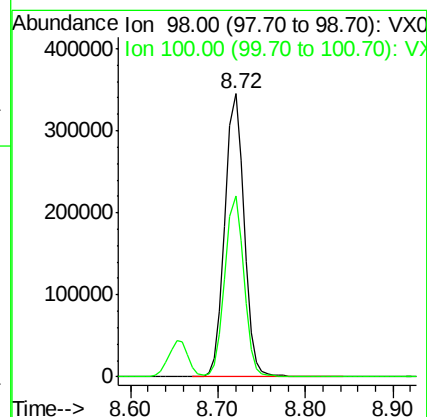
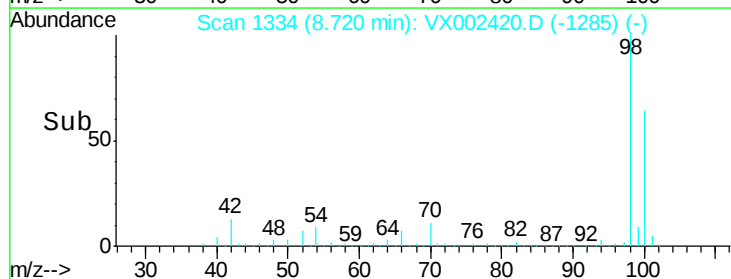
98 100

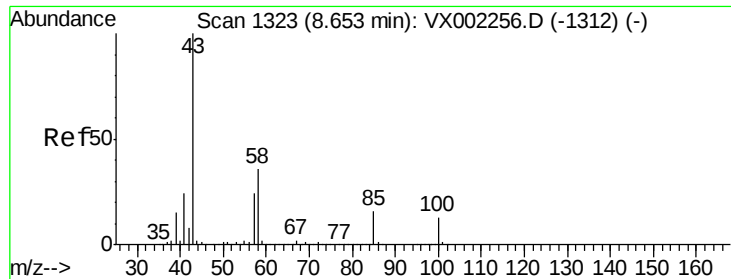
100 63.5 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 109.78 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002420.D

Acq: 09 Jun 2018 14:49

Instrument :

MSVOA_X

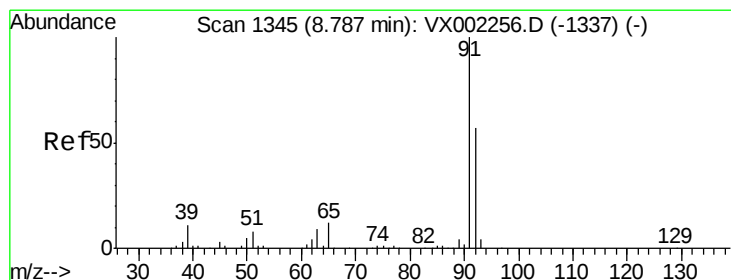
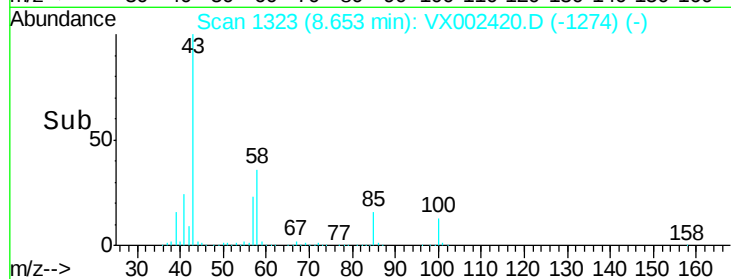
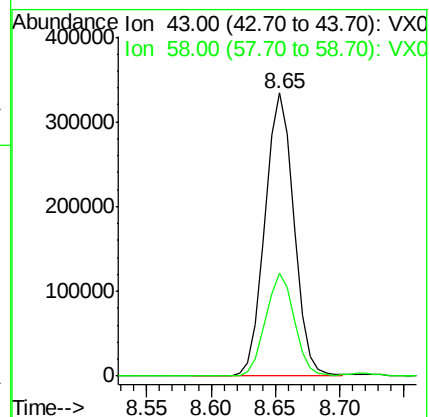
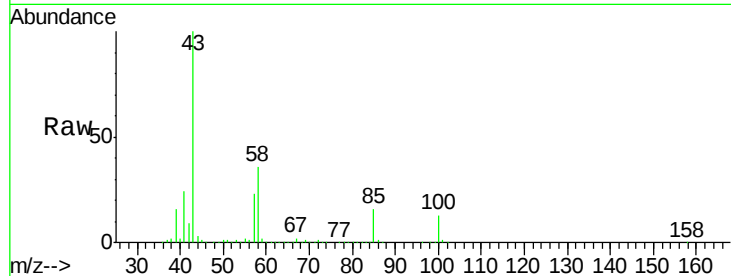
ClientSampleId :

Tot Ion: 43 Resp: 520081

Ion Ratio Lower Upper

43 100

58 35.8 28.6 42.8



#52

Toluene

Concen: 21.05 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002420.D

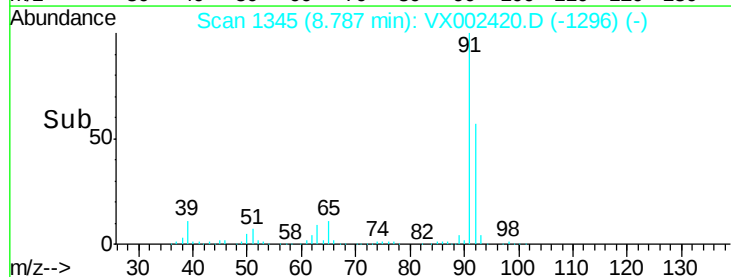
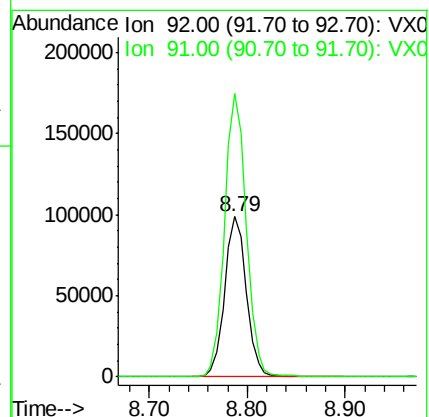
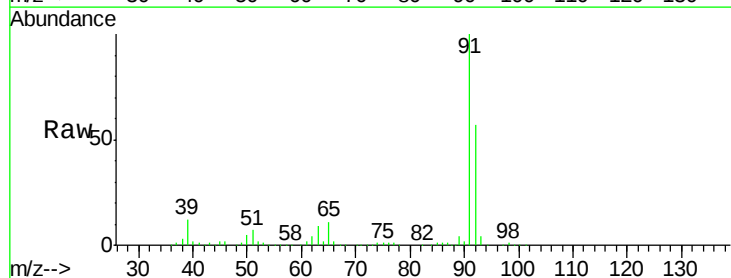
Acq: 09 Jun 2018 14:49

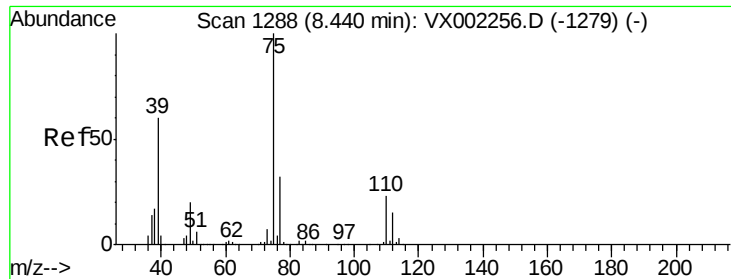
Tgt Ion: 92 Resp: 152889

Ion Ratio Lower Upper

92 100

91 177.1 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 20.95 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX002420.D

Acq: 09 Jun 2018 14:49

Instrument :

MSVOA_X

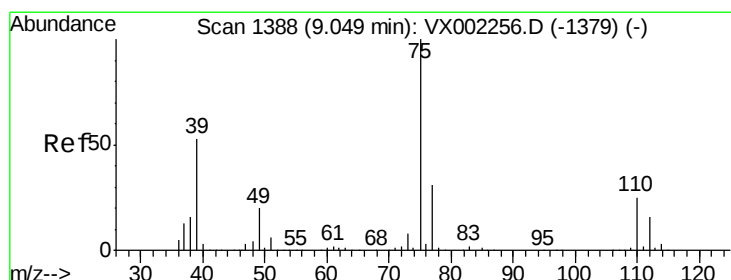
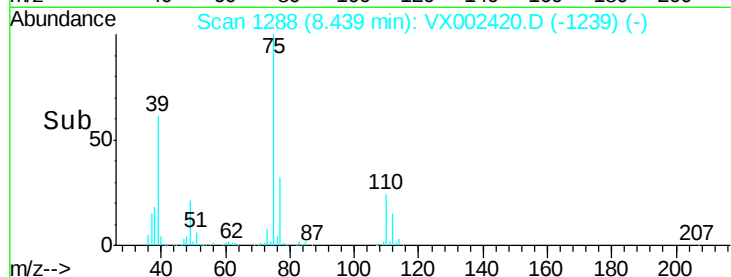
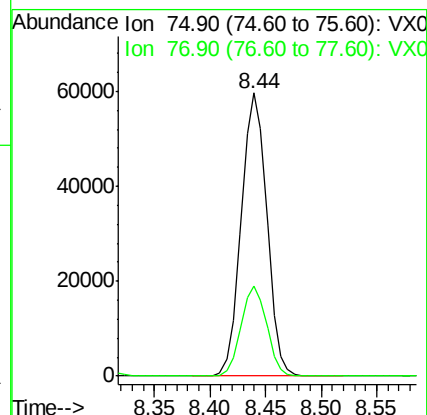
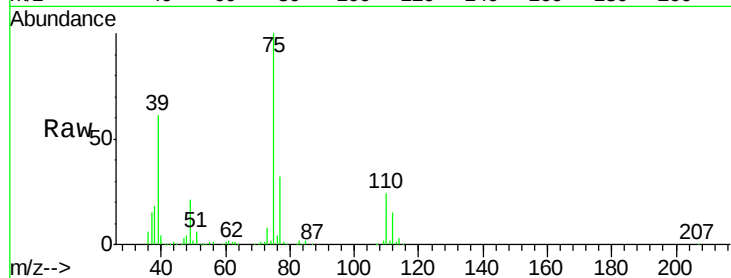
ClientSampleId :

Tot Ion: 75 Resp: 94941

Ion Ratio Lower Upper

75 100

77 31.8 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 20.87 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.01 min

Lab File: VX002420.D

Acq: 09 Jun 2018 14:49

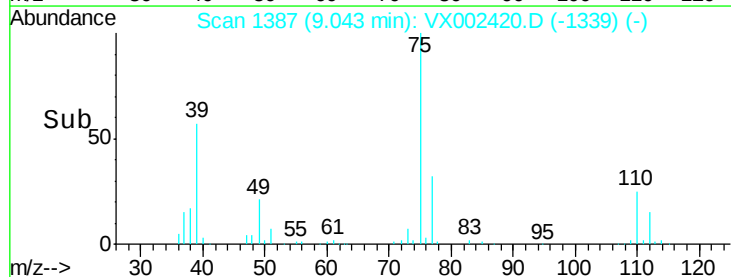
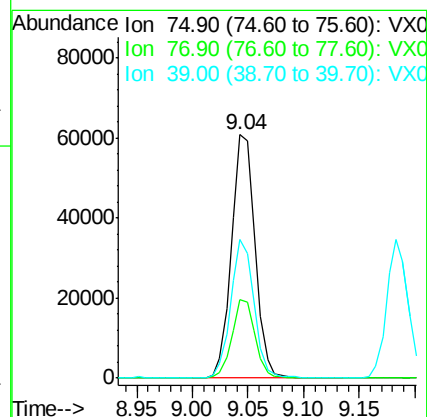
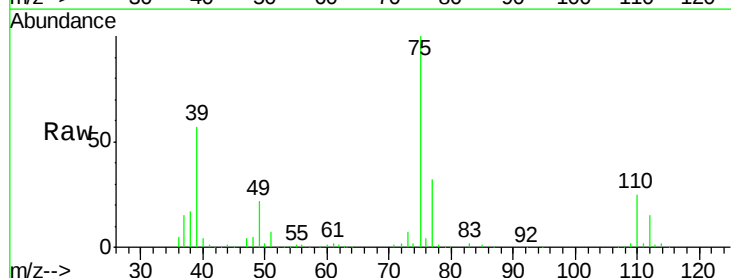
Tgt Ion: 75 Resp: 89243

Ion Ratio Lower Upper

75 100

77 32.3 24.8 37.2

39 56.9 42.4 63.6

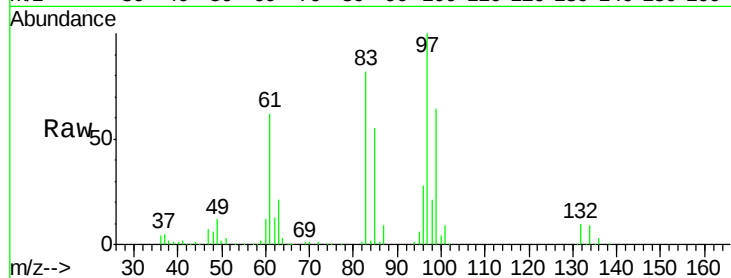




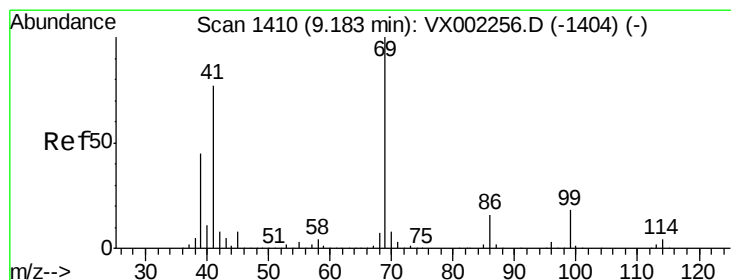
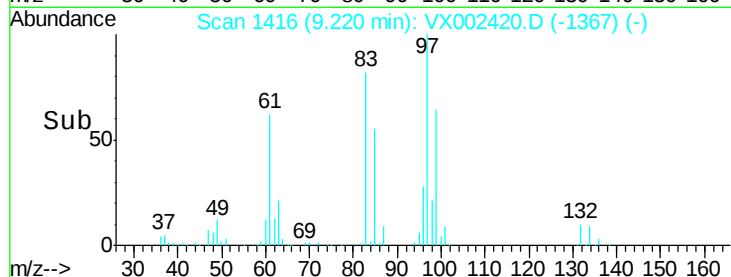
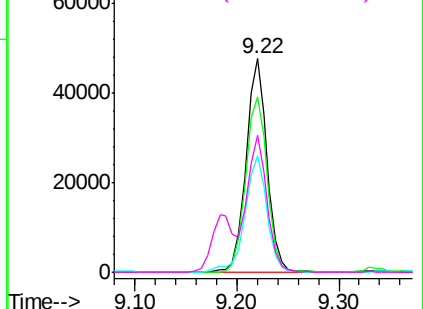
#55
 1,1,2-Trichloroethane
 Concen: 22.69 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002420.D
 Acq: 09 Jun 2018 14:49

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:	97	Resp:	67763
Ion	Ratio	Lower	Upper
97	100		
83	82.4	70.2	105.2
85	54.7	44.9	67.3
99	63.9	49.8	74.8

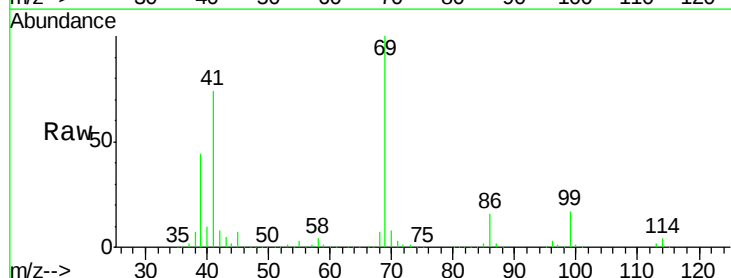


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

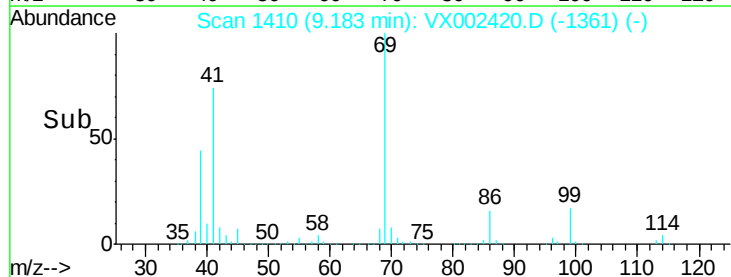
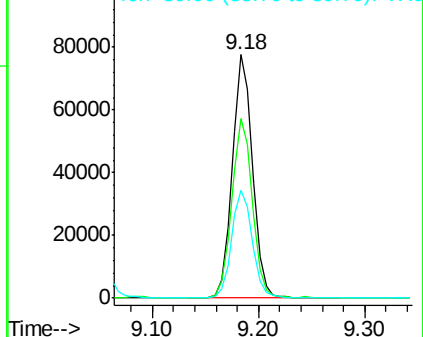


#56
 Ethyl methacrylate
 Concen: 21.85 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX002420.D
 Acq: 09 Jun 2018 14:49

Tgt Ion:	69	Resp:	104188
Ion	Ratio	Lower	Upper
69	100		
41	74.5	60.3	90.5
39	44.9	35.8	53.8



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 22.26 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VX002420.D

Acq: 09 Jun 2018 14:49

Instrument :

MSVOA_X

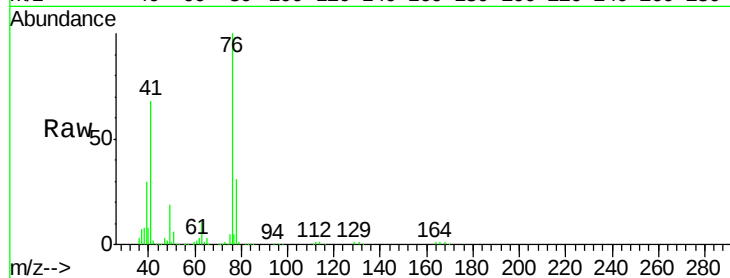
ClientSampleId :

Tot Ion: 76 Resp: 111538

Ion Ratio Lower Upper

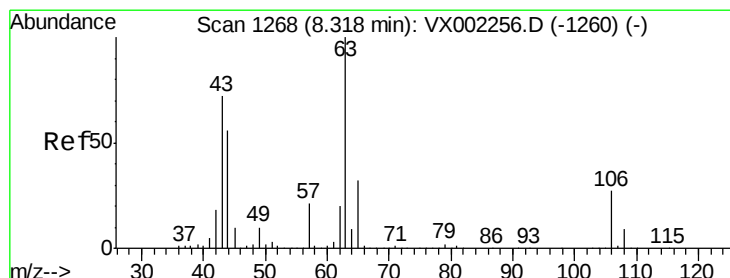
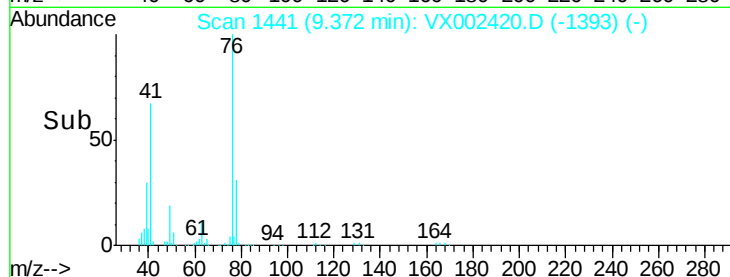
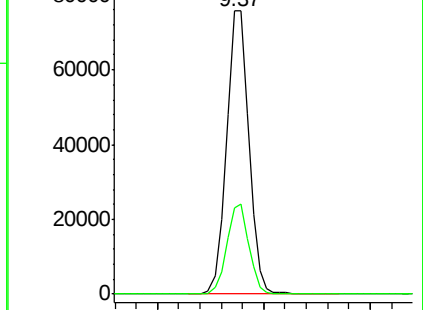
76 100

78 31.6 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 110.03 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX002420.D

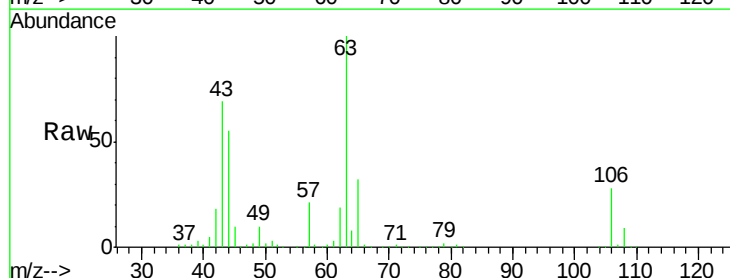
Acq: 09 Jun 2018 14:49

Tgt Ion: 63 Resp: 242870

Ion Ratio Lower Upper

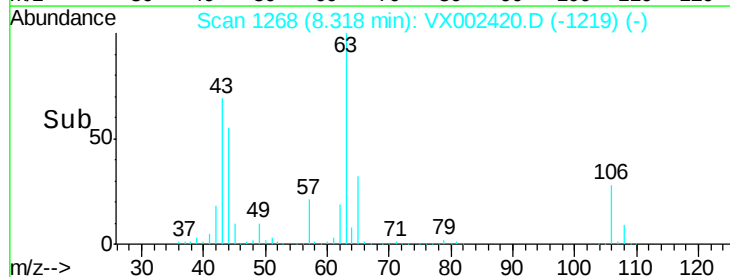
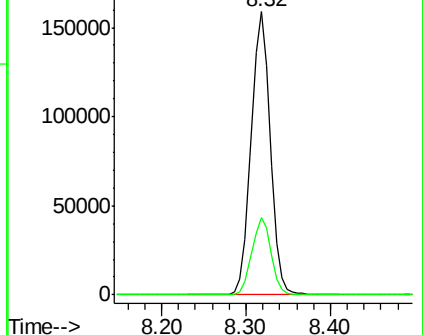
63 100

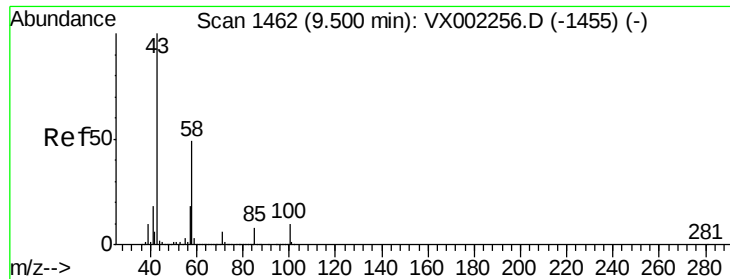
106 27.4 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

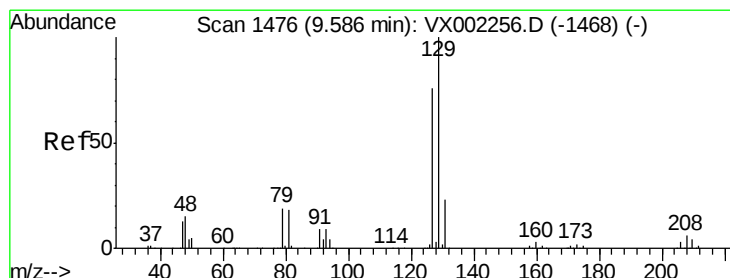
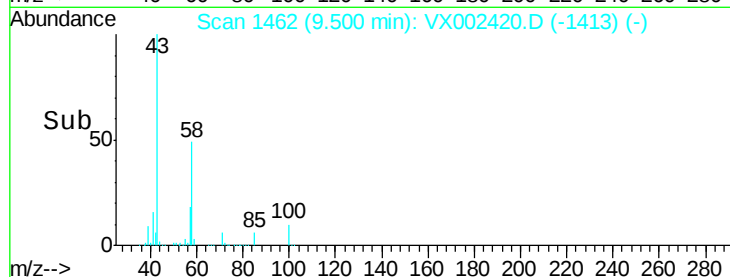
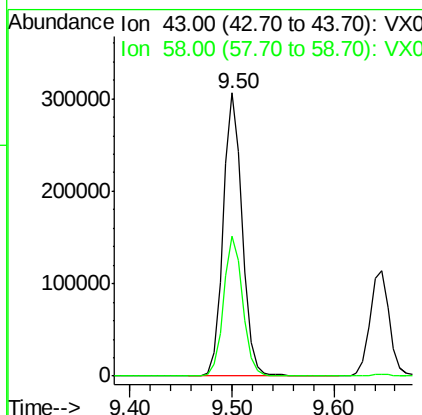
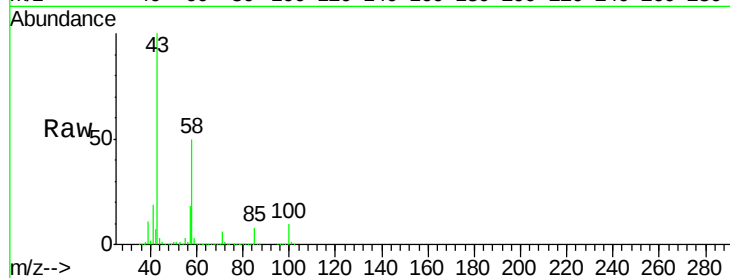




#59
2-Hexanone
Concen: 108.43 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002420.D
Acq: 09 Jun 2018 14:49

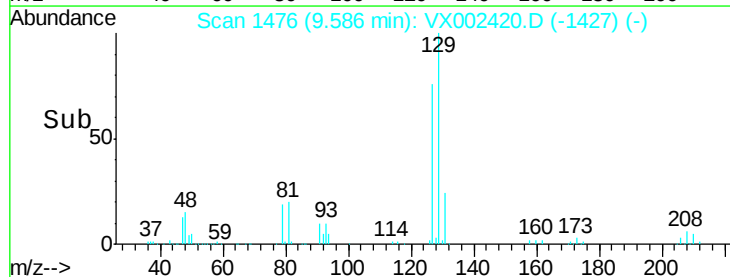
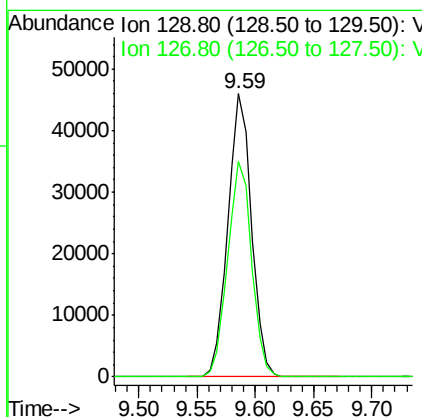
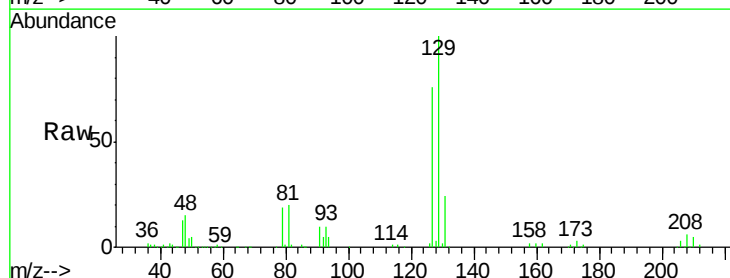
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 396778
Ion Ratio Lower Upper
43 100
58 49.7 24.6 73.6



#60
Dibromochloromethane
Concen: 21.66 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX002420.D
Acq: 09 Jun 2018 14:49

Tgt Ion: 129 Resp: 65080
Ion Ratio Lower Upper
129 100
127 76.9 38.5 115.3





#61

1,2-Dibromoethane

Concen: 22.48 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002420.D

Acq: 09 Jun 2018 14:49

Instrument :

MSVOA_X

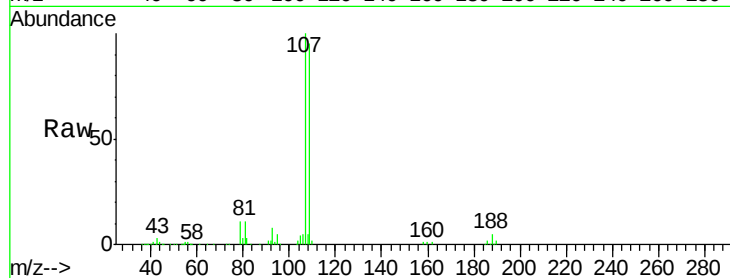
ClientSampled :

Tot Ion:107 Resp: 70009

Ion Ratio Lower Upper

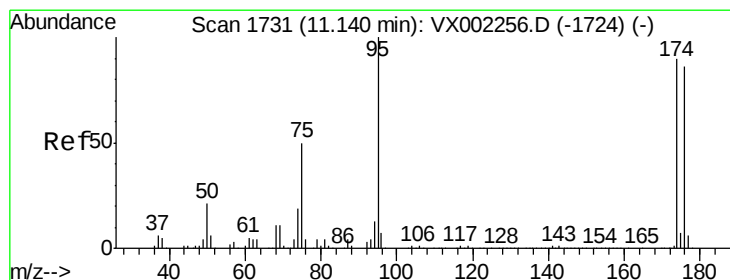
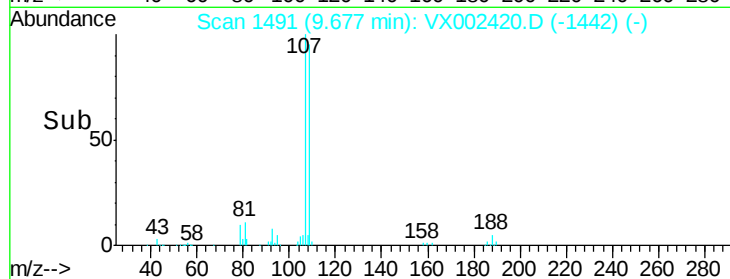
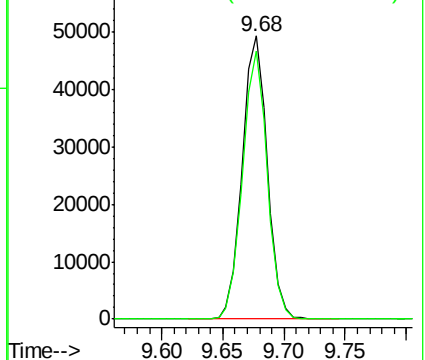
107 100

109 93.5 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.13 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002420.D

Acq: 09 Jun 2018 14:49

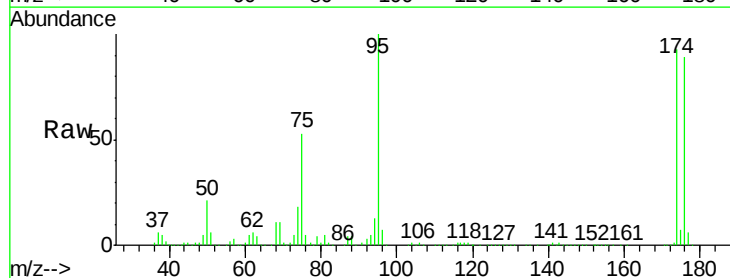
Tgt Ion: 95 Resp: 206421

Ion Ratio Lower Upper

95 100

174 94.6 0.0 187.4

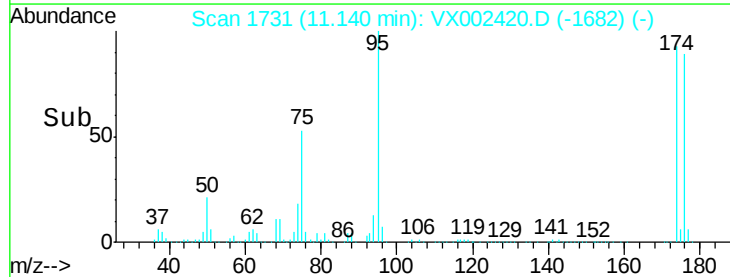
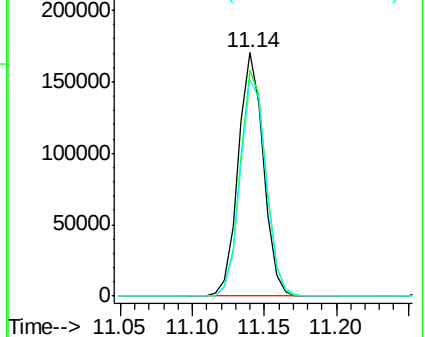
176 91.5 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

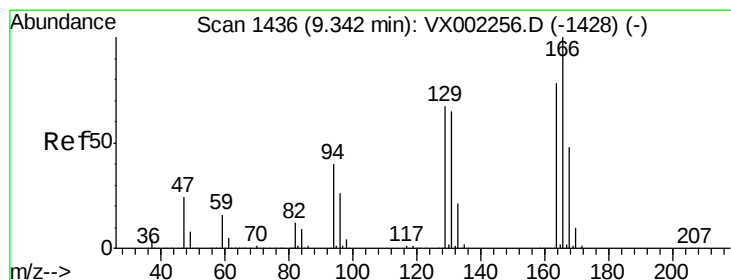
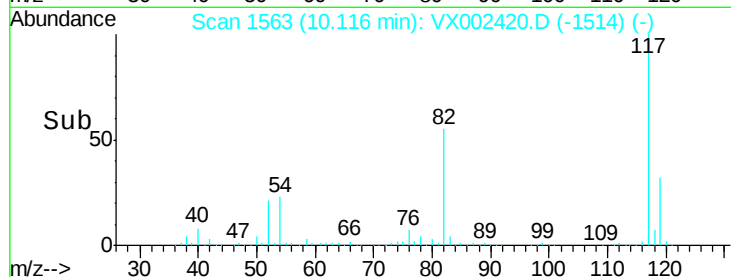
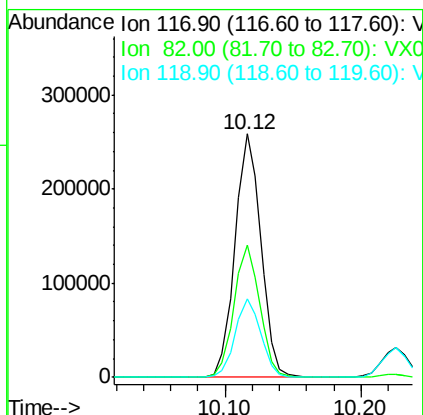
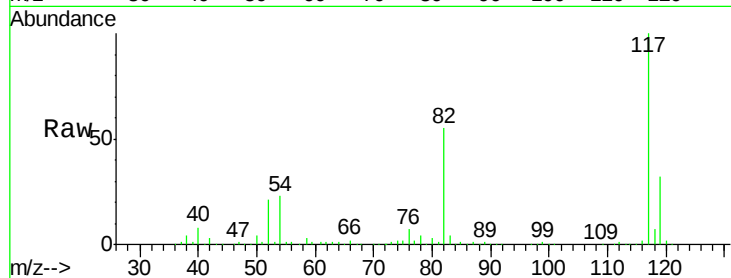




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002420.D
Acq: 09 Jun 2018 14:49

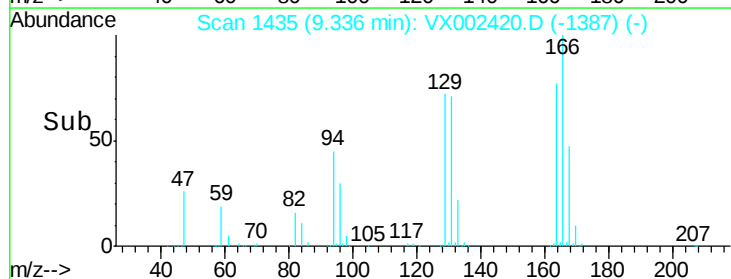
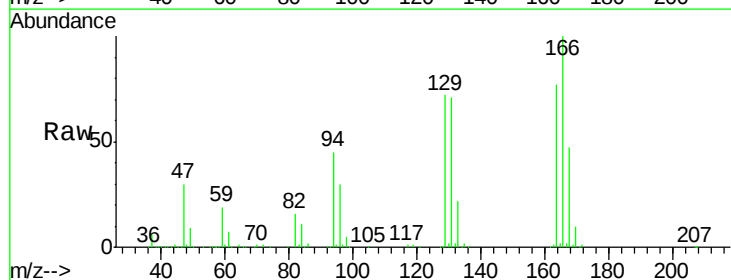
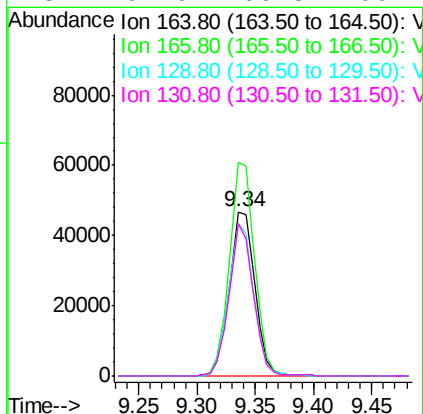
Instrument :
MSVOA_X
ClientSampleId :

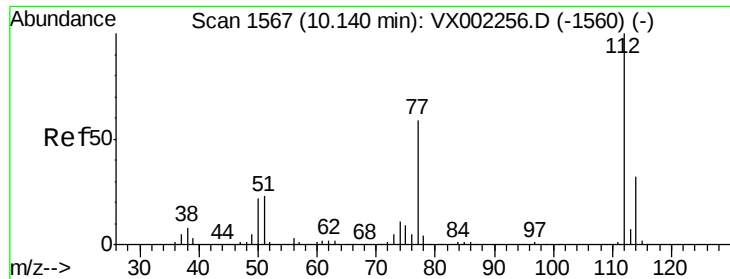
Tot Ion:117 Resp: 342627
Ion Ratio Lower Upper
117 100
82 54.5 45.0 67.4
119 32.1 25.8 38.6



#64
Tetrachloroethene
Concen: 20.34 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.01 min
Lab File: VX002420.D
Acq: 09 Jun 2018 14:49

Tgt Ion:164 Resp: 71877
Ion Ratio Lower Upper
164 100
166 130.1 102.9 154.3
129 93.1 68.6 102.8
131 92.9 66.8 100.2

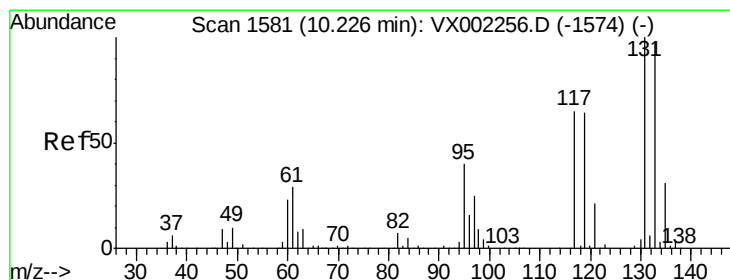
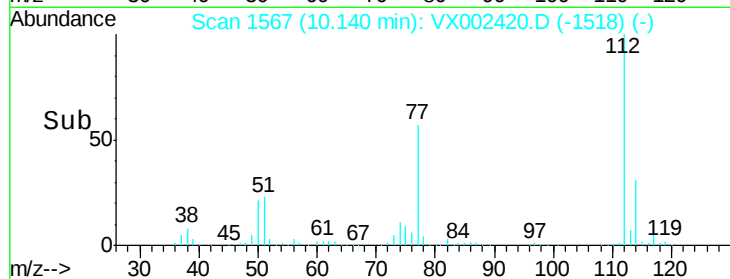
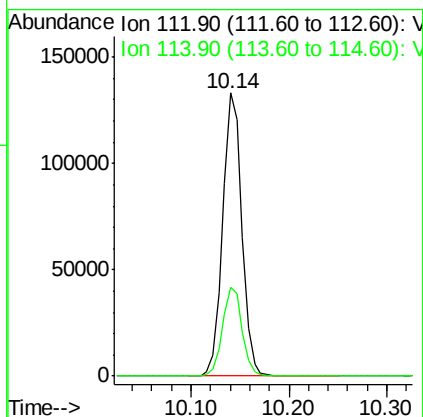
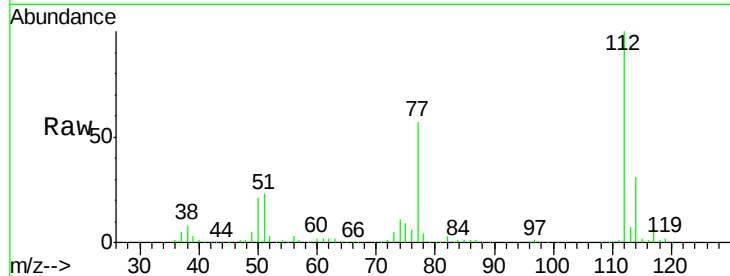




#65
Chlorobenzene
Concen: 21.25 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002420.D
Acq: 09 Jun 2018 14:49

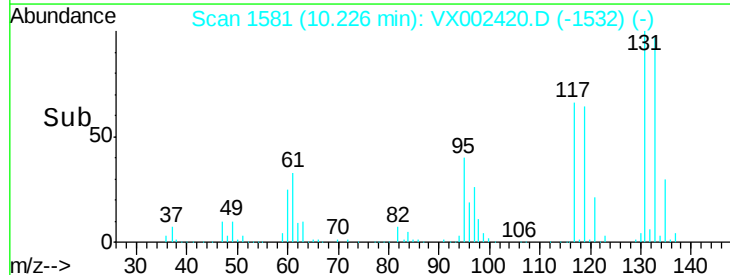
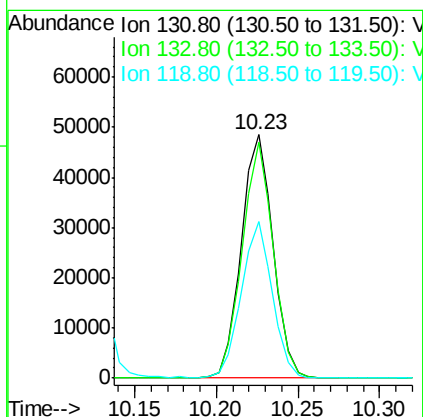
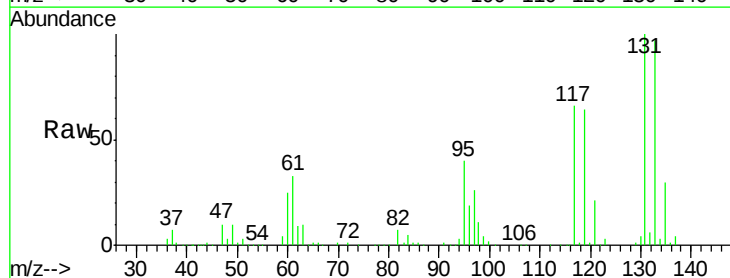
Instrument :
MSVOA_X
ClientSampled :

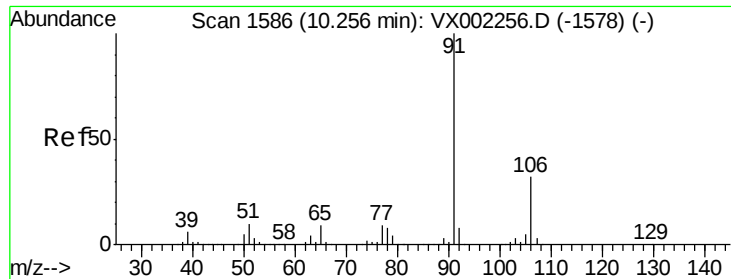
Tot Ion:112 Resp: 181191
Ion Ratio Lower Upper
112 100
114 31.5 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 21.30 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX002420.D
Acq: 09 Jun 2018 14:49

Tgt Ion:131 Resp: 65746
Ion Ratio Lower Upper
131 100
133 95.2 47.9 143.6
119 62.9 31.8 95.3

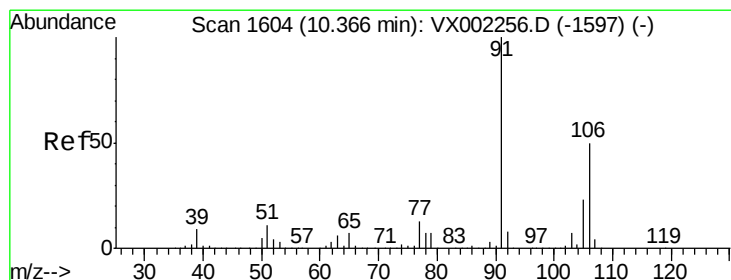
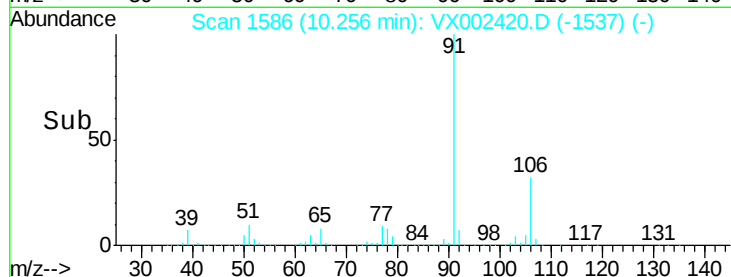
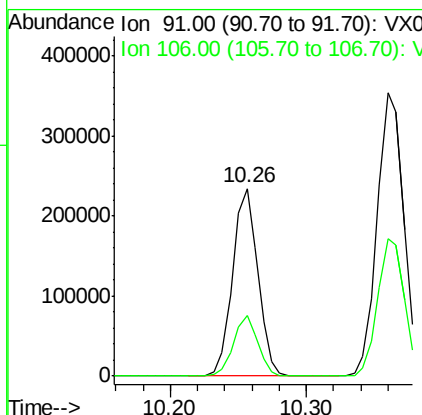
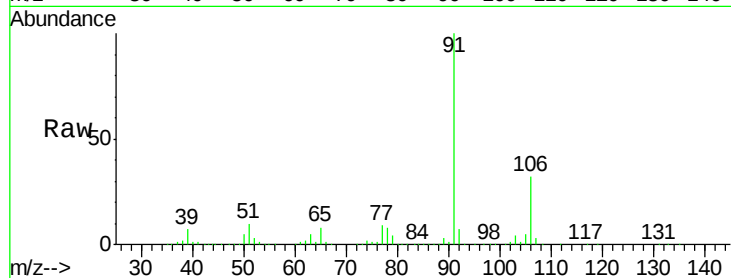




#67
Ethyl Benzene
Concen: 21.27 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002420.D
Acq: 09 Jun 2018 14:49

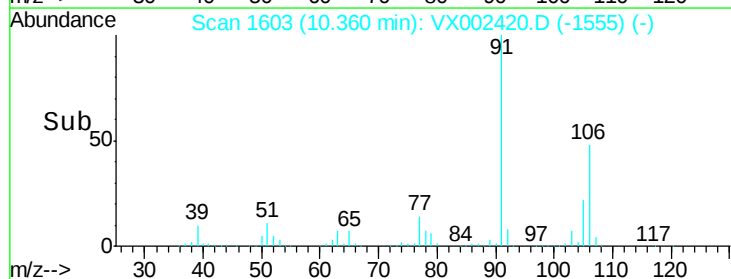
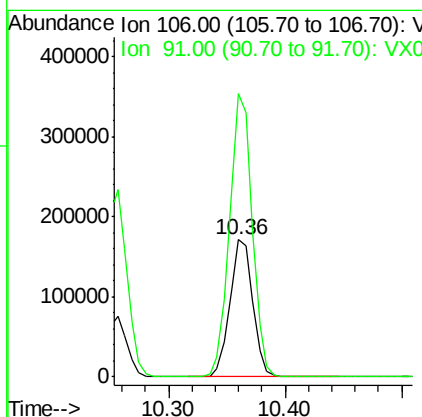
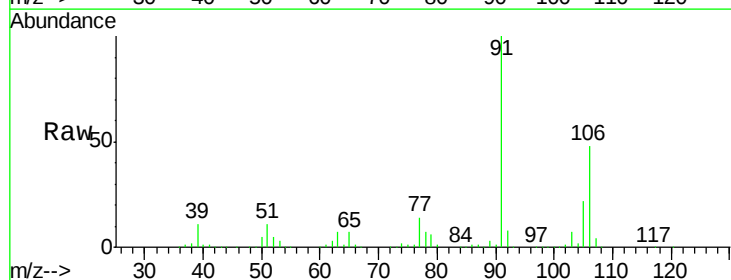
Instrument :
MSVOA_X
ClientSampled :

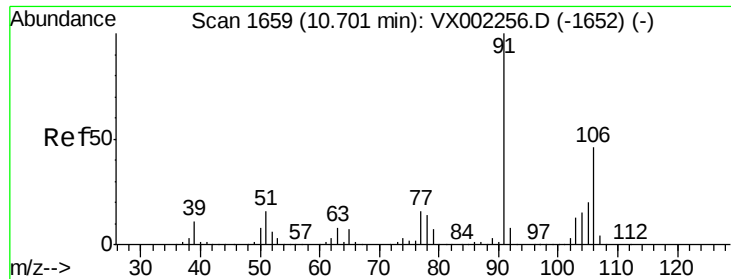
Tot Ion: 91 Resp: 303505
Ion Ratio Lower Upper
91 100
106 32.1 25.5 38.3



#68
m/p-Xylenes
Concen: 42.15 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VX002420.D
Acq: 09 Jun 2018 14:49

Tgt Ion: 106 Resp: 233761
Ion Ratio Lower Upper
106 100
91 205.4 163.4 245.2

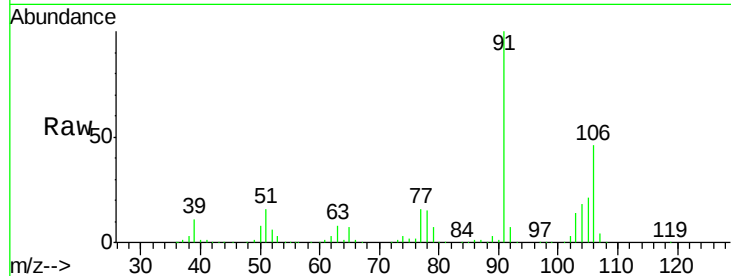




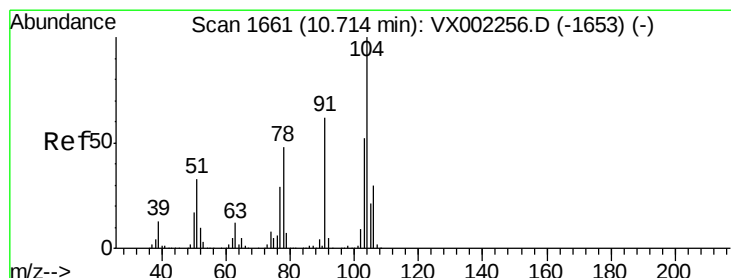
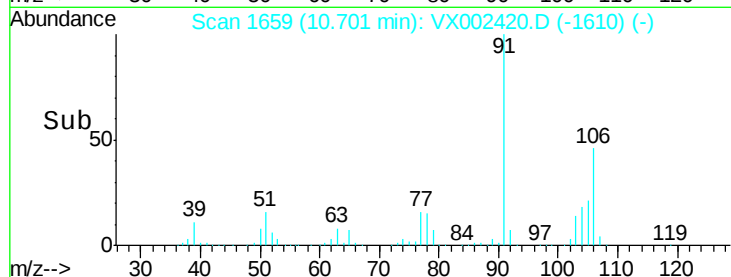
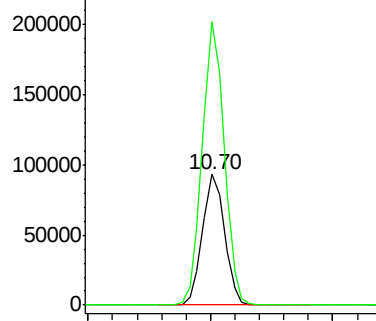
#69
o-Xylene
Concen: 21.13 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002420.D
Acq: 09 Jun 2018 14:49

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 116627
Ion Ratio Lower Upper
106 100
91 214.6 108.2 324.6

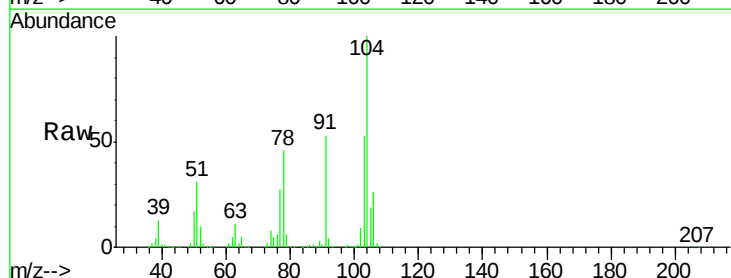


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

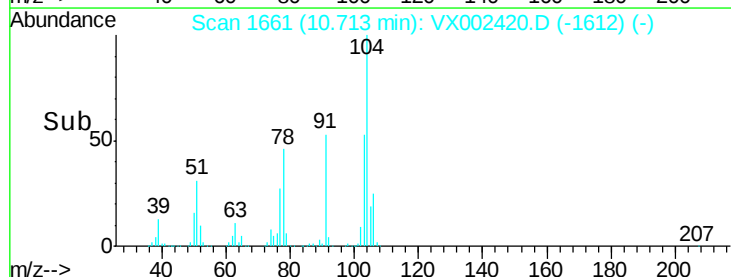
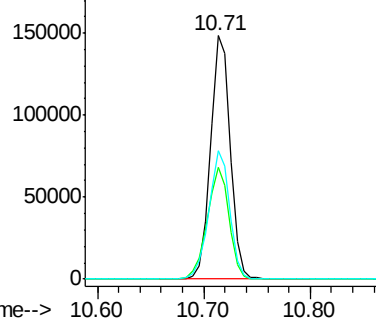


#70
Styrene
Concen: 21.50 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX002420.D
Acq: 09 Jun 2018 14:49

Tgt Ion:104 Resp: 193969
Ion Ratio Lower Upper
104 100
78 50.4 41.0 61.6
103 56.0 44.2 66.4



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V

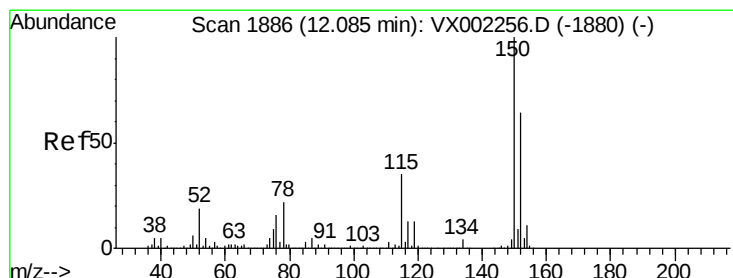
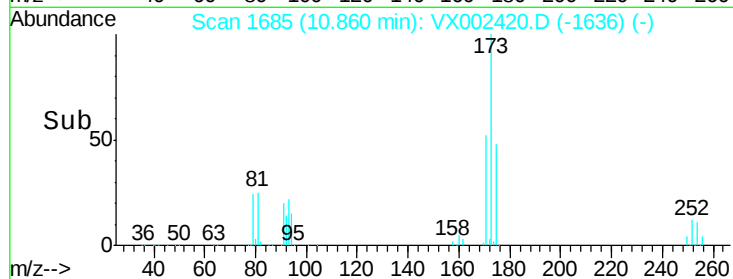
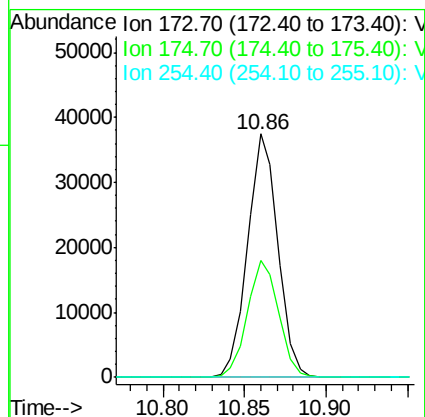
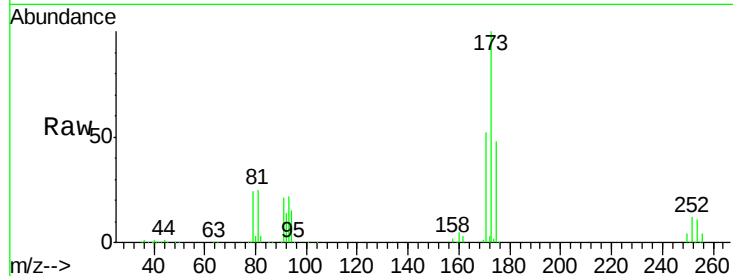




#71
Bromoform
Concen: 19.80 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX002420.D
Acq: 09 Jun 2018 14:49

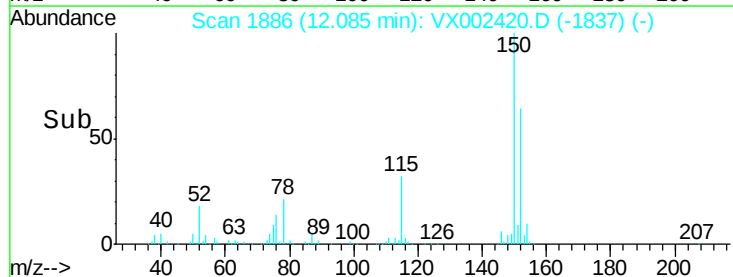
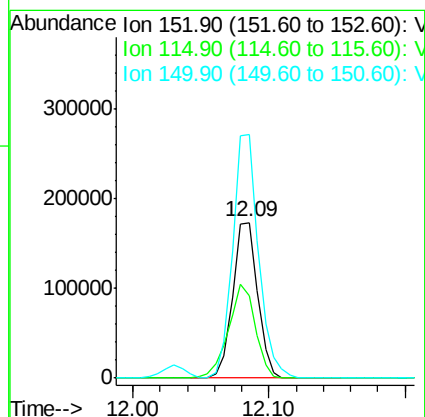
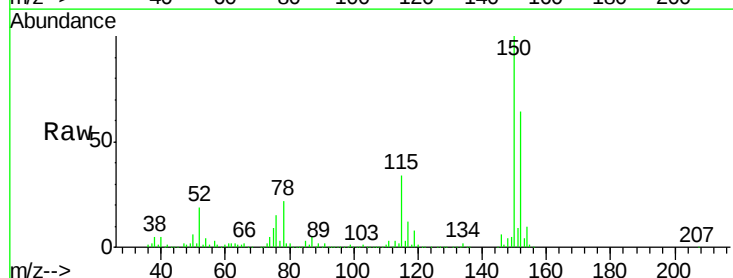
Instrument :
MSVOA_X
ClientSampled :

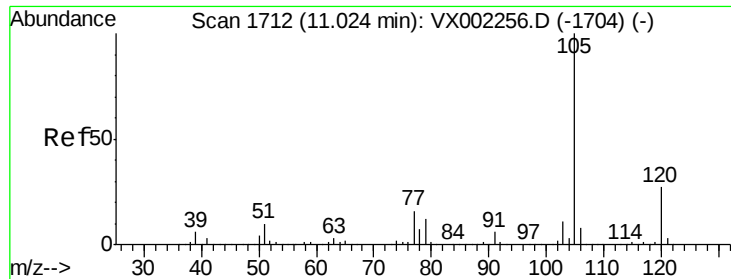
Tot Ion:173 Resp: 48552
Ion Ratio Lower Upper
173 100
175 49.6 24.7 74.1
254 0.1 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002420.D
Acq: 09 Jun 2018 14:49

Tgt Ion:152 Resp: 219549
Ion Ratio Lower Upper
152 100
115 65.0 40.1 120.2
150 163.6 0.0 347.2





#73

Isopropylbenzene

Concen: 20.60 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002420.D

Acq: 09 Jun 2018 14:49

Instrument :

MSVOA_X

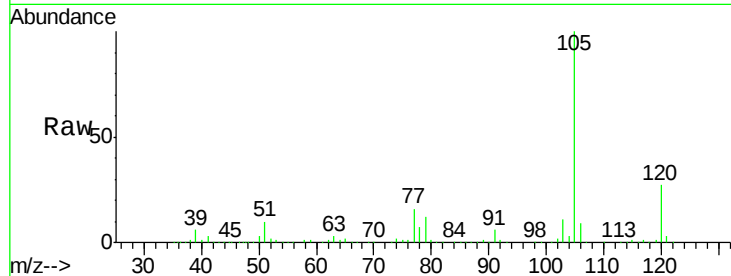
ClientSampled :

Tot Ion:105 Resp: 314689

Ion Ratio Lower Upper

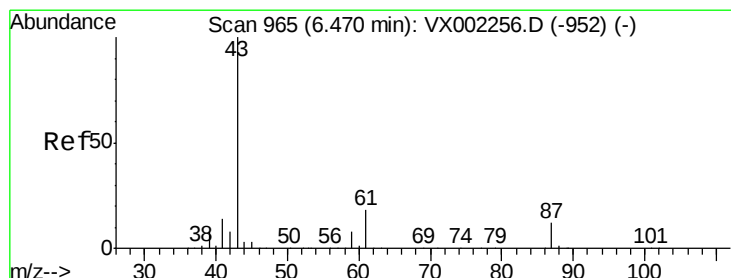
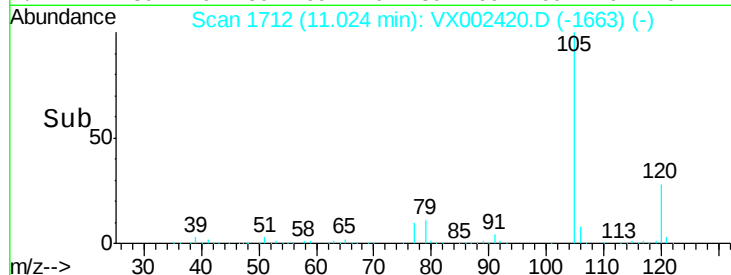
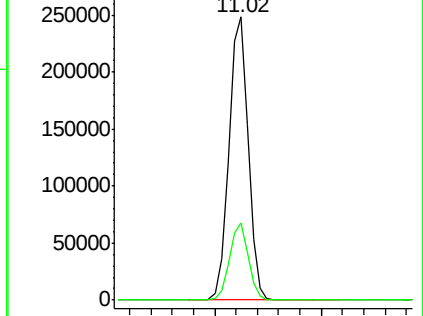
105 100

120 26.8 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.61 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002420.D

Acq: 09 Jun 2018 14:49

Tgt Ion: 43 Resp: 161366

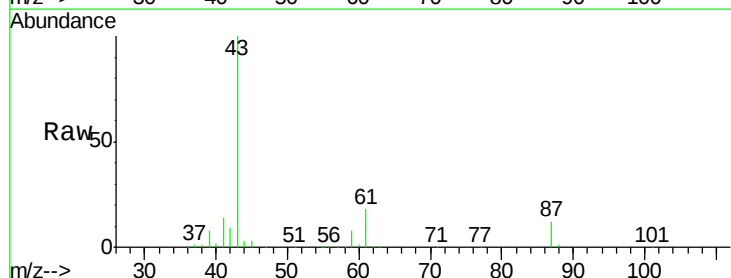
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0#

55 0.3 0.0 0.0#

61 17.7 14.4 21.6

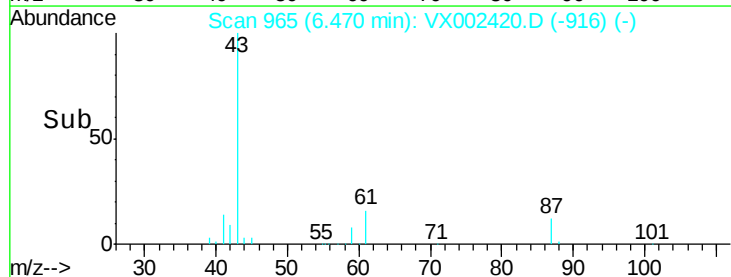
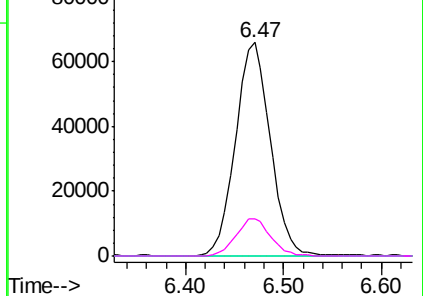


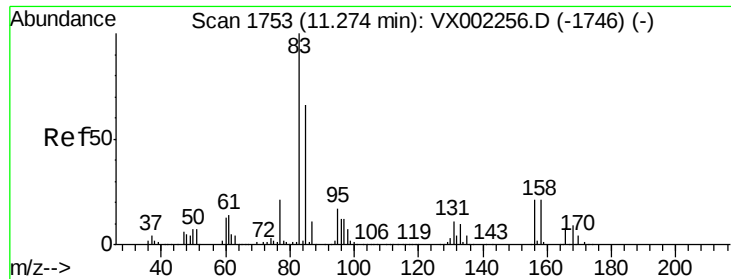
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 21.05 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002420.D

Acq: 09 Jun 2018 14:49

Instrument :

MSVOA_X

ClientSampled :

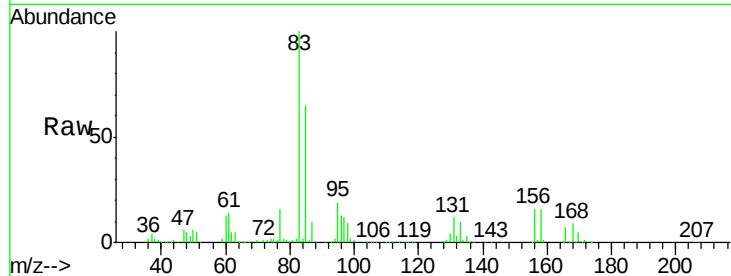
Tot Ion: 83 Resp: 101104

Ion Ratio Lower Upper

83 100

131 10.6 5.6 16.8

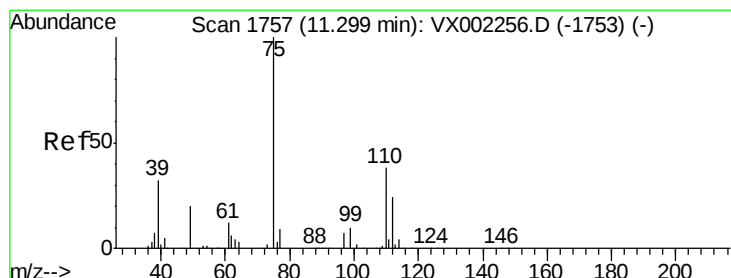
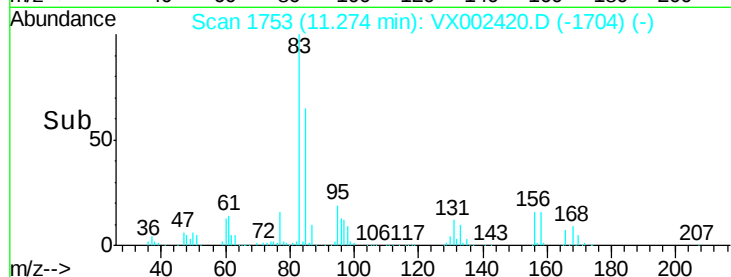
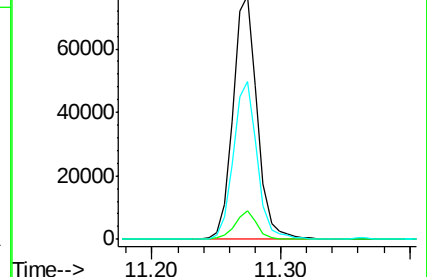
85 63.7 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 23.42 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX002420.D

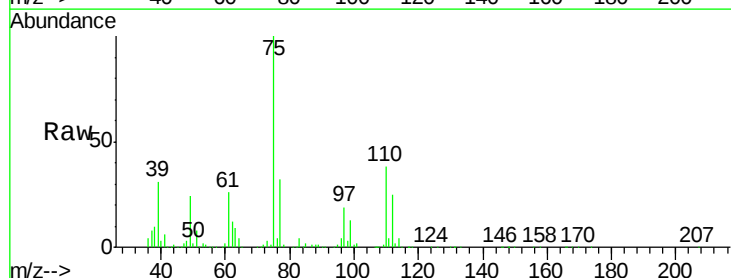
Acq: 09 Jun 2018 14:49

Tgt Ion: 75 Resp: 112820

Ion Ratio Lower Upper

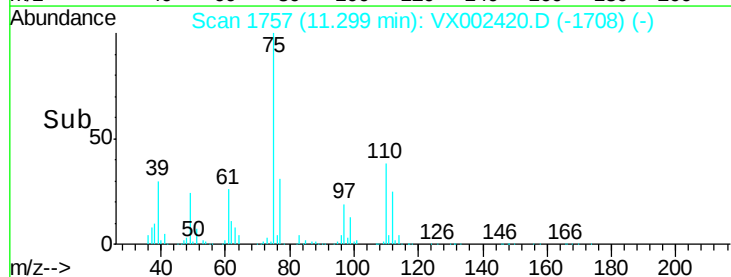
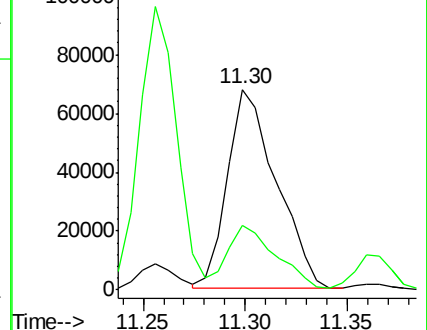
75 100

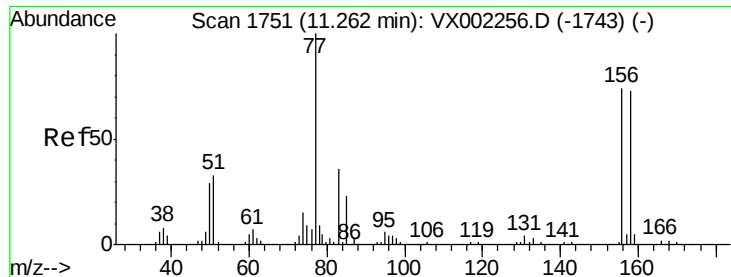
77 32.5 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.34 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX002420.D

Acq: 09 Jun 2018 14:49

Instrument :

MSVOA_X

ClientSampled :

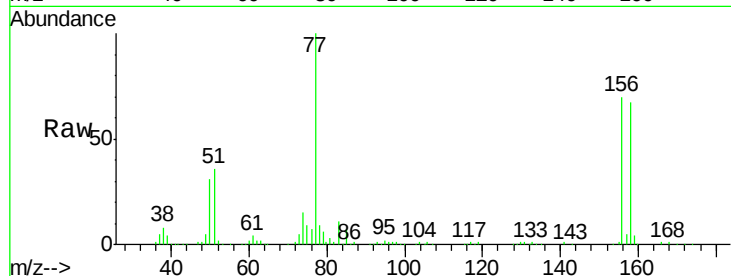
Tot Ion:156 Resp: 87220

Ion Ratio Lower Upper

156 100

77 140.2 71.4 214.2

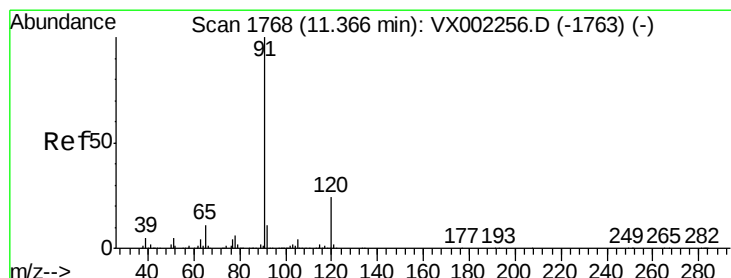
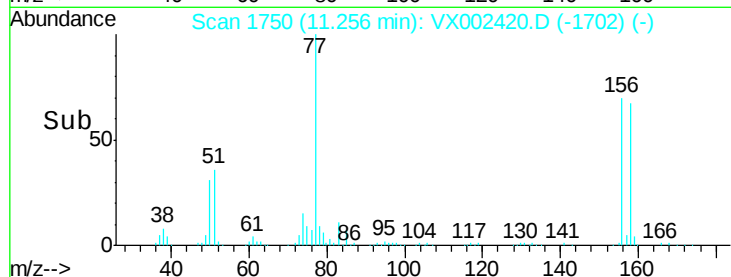
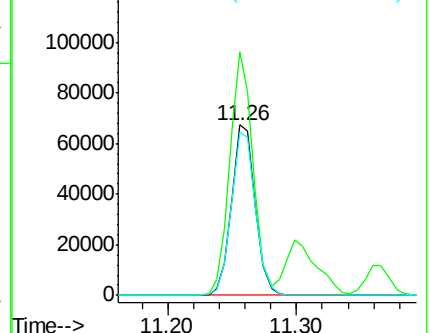
158 97.7 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.24 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002420.D

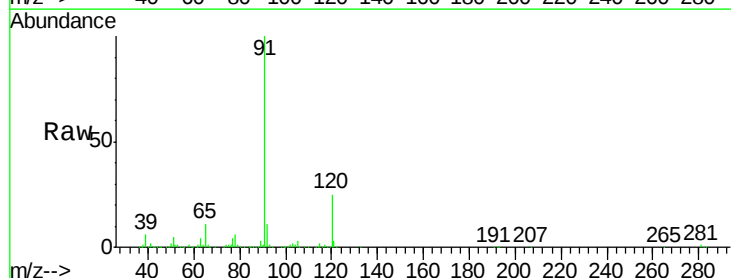
Acq: 09 Jun 2018 14:49

Tgt Ion: 91 Resp: 360540

Ion Ratio Lower Upper

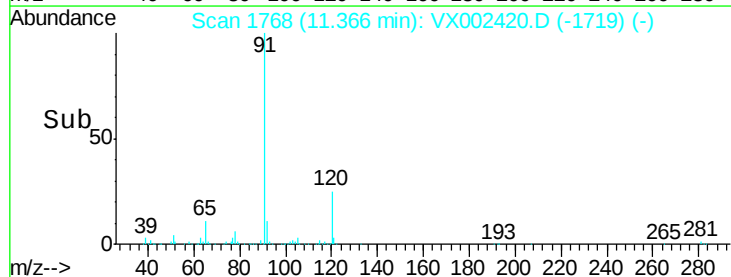
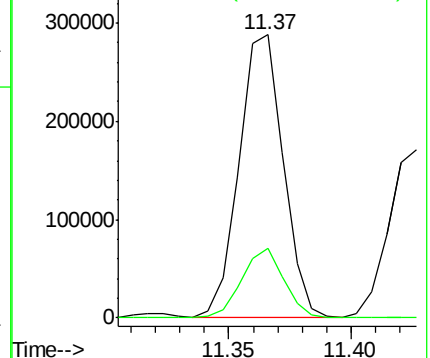
91 100

120 23.6 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.02 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002420.D

Acq: 09 Jun 2018 14:49

Instrument :

MSVOA_X

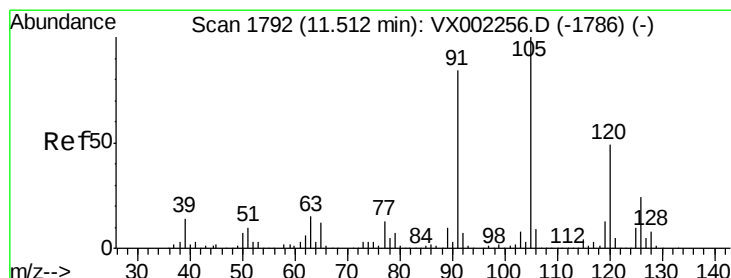
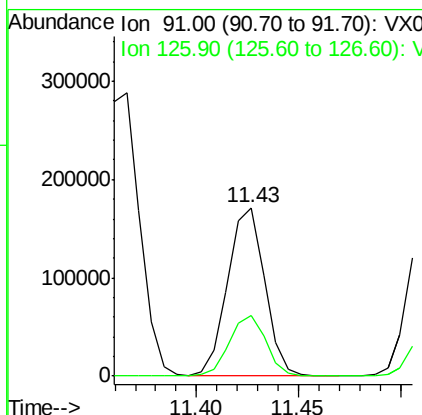
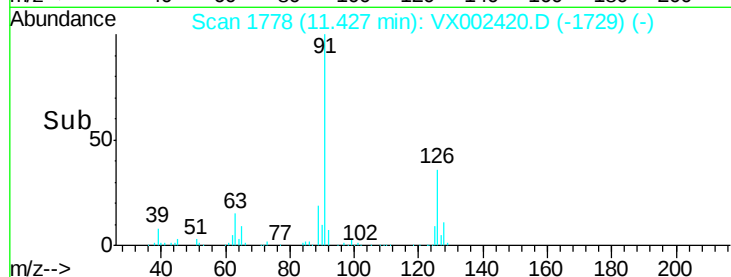
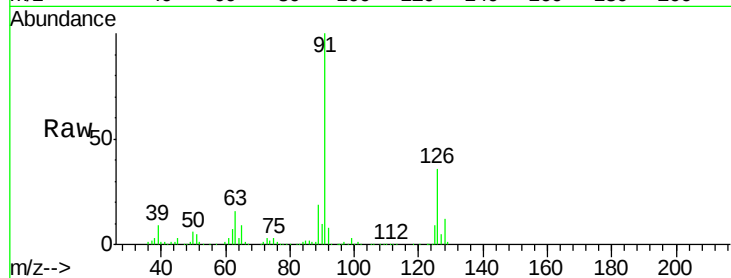
ClientSampleId :

Tot Ion: 91 Resp: 214566

Ion Ratio Lower Upper

91 100

126 35.6 17.7 53.1



#80

1,3,5-Trimethylbenzene

Concen: 20.69 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002420.D

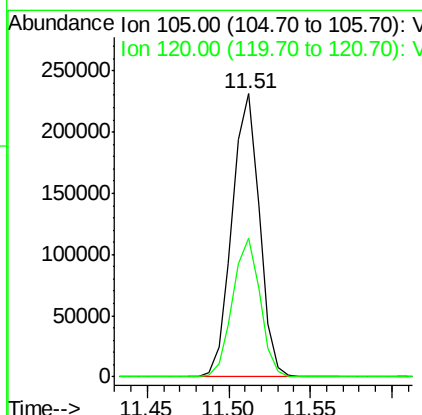
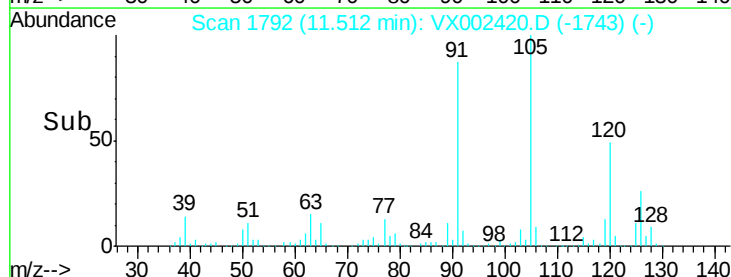
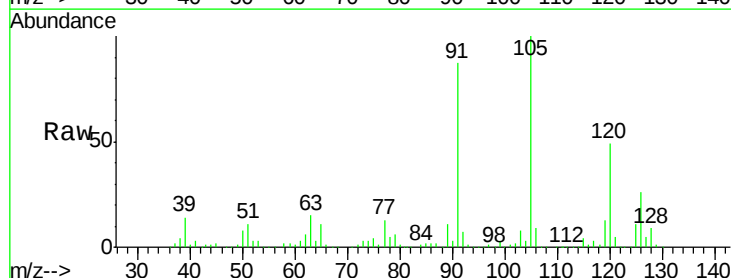
Acq: 09 Jun 2018 14:49

Tgt Ion:105 Resp: 271064

Ion Ratio Lower Upper

105 100

120 49.0 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 17.86 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX002420.D

Acq: 09 Jun 2018 14:49

Instrument :

MSVOA_X

ClientSampleId :

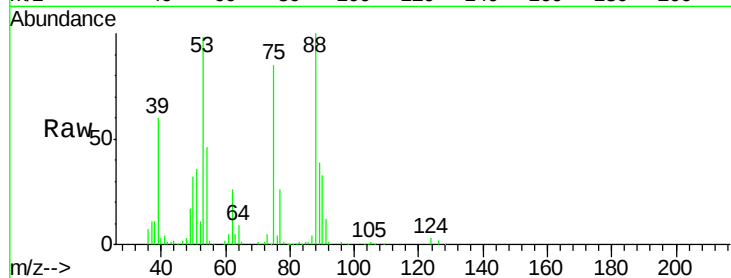
Tot Ion: 75 Resp: 24542

Ion Ratio Lower Upper

75 100

53 122.1 86.8 130.2

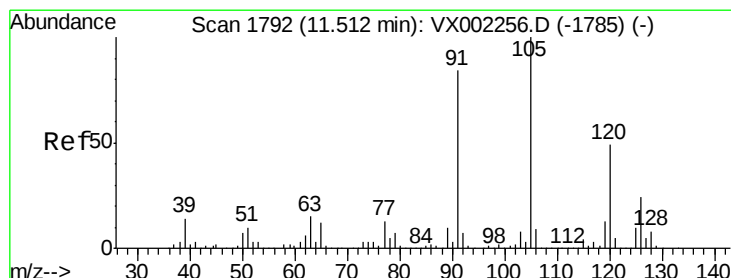
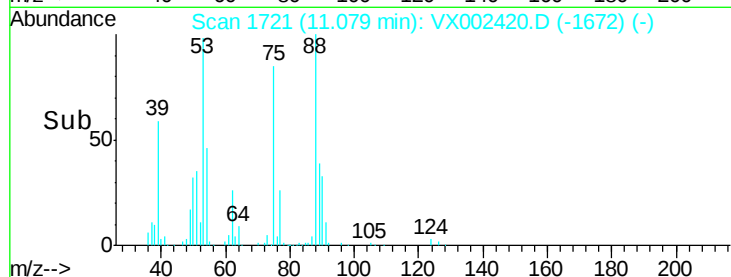
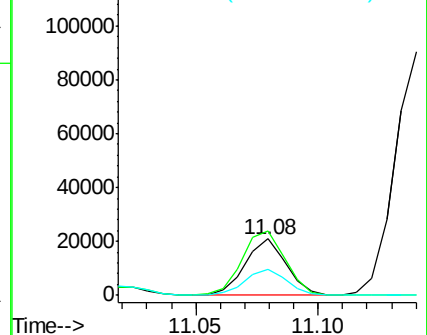
89 47.7 38.2 57.2



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: 20.49 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002420.D

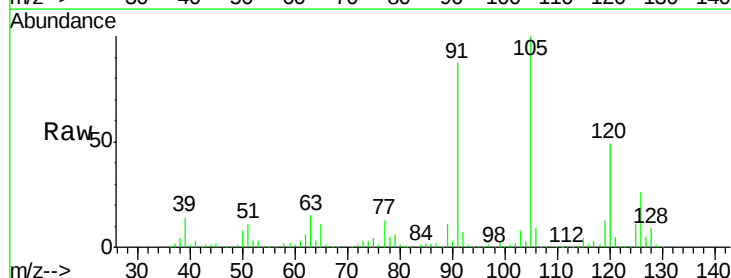
Acq: 09 Jun 2018 14:49

Tgt Ion: 91 Resp: 253451

Ion Ratio Lower Upper

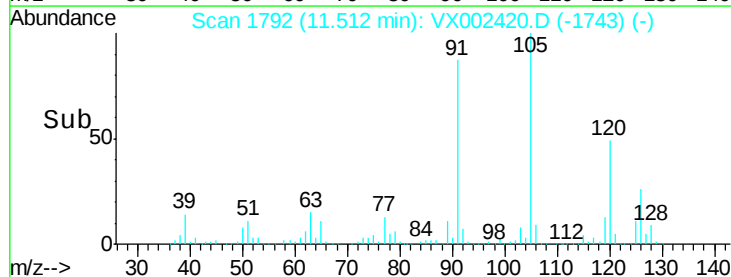
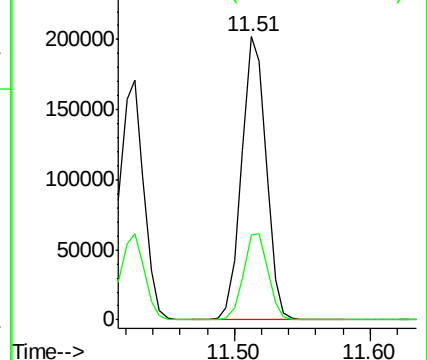
91 100

126 31.0 15.4 46.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 20.87 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX002420.D

Acq: 09 Jun 2018 14:49

Instrument :

MSVOA_X

ClientSampleId :

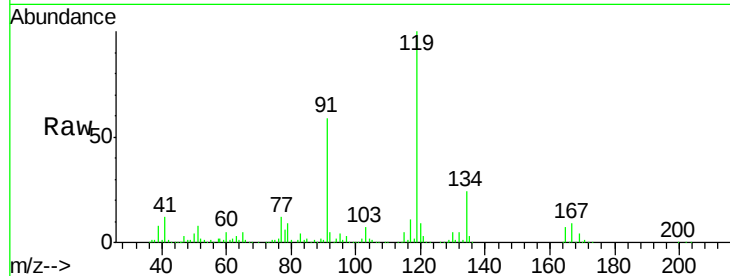
Tot Ion:119 Resp: 266197

Ion Ratio Lower Upper

119 100

91 59.3 30.3 90.9

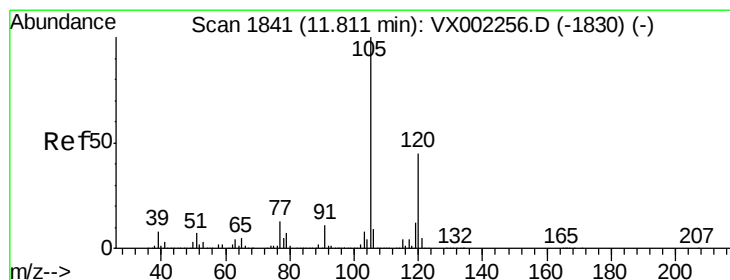
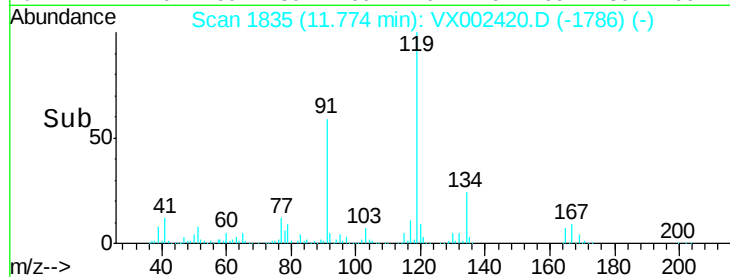
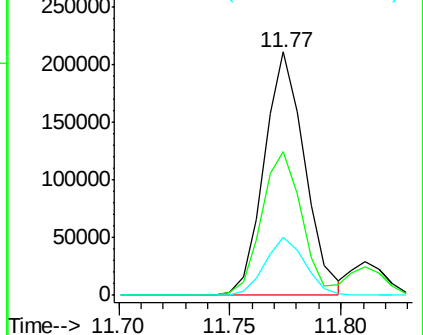
134 23.6 11.7 35.1



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: 20.68 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VX002420.D

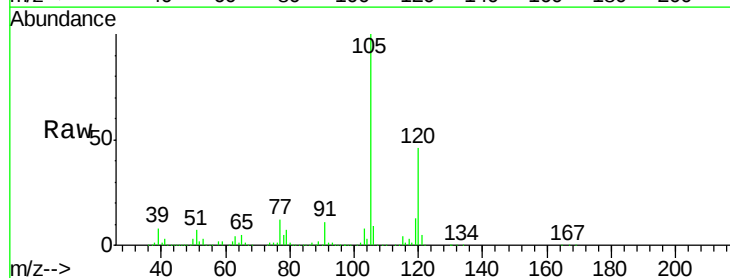
Acq: 09 Jun 2018 14:49

Tgt Ion:105 Resp: 278903

Ion Ratio Lower Upper

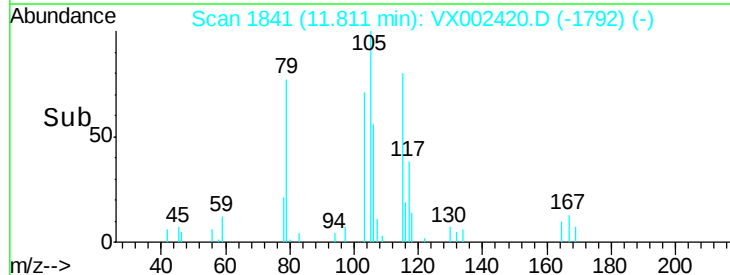
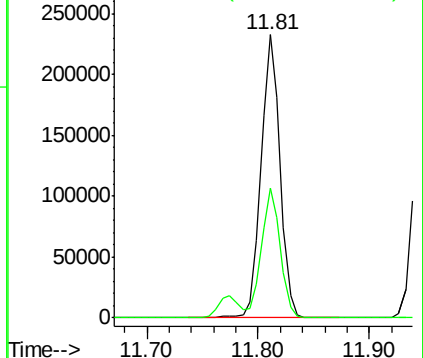
105 100

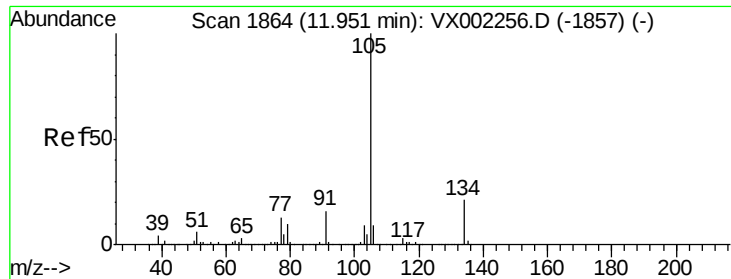
120 45.6 22.3 66.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 21.79 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002420.D

Acq: 09 Jun 2018 14:49

Instrument :

MSVOA_X

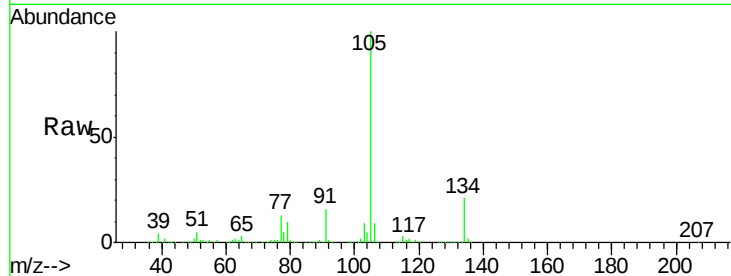
ClientSampleId :

Tot Ion:105 Resp: 325828

Ion Ratio Lower Upper

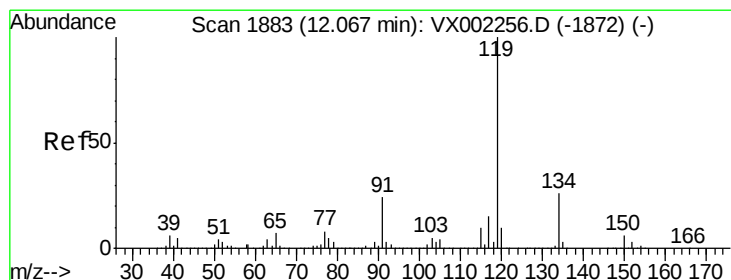
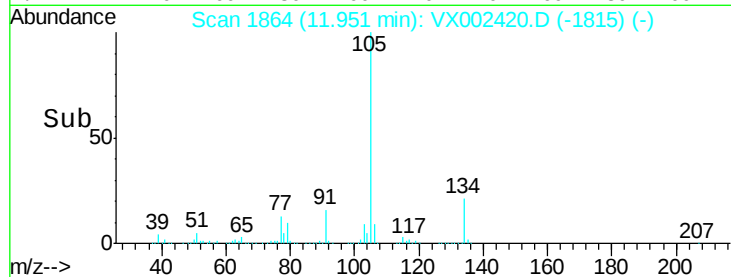
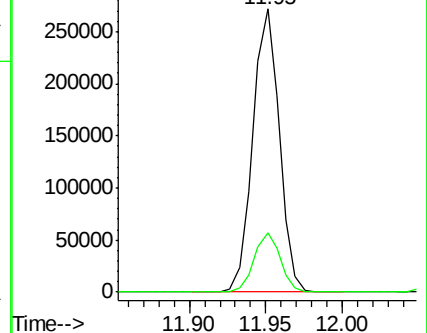
105 100

134 20.7 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.71 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002420.D

Acq: 09 Jun 2018 14:49

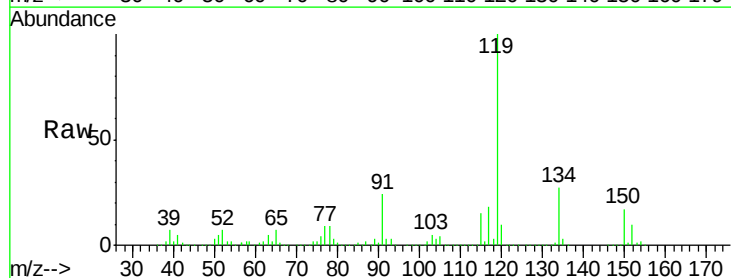
Tgt Ion:119 Resp: 295704

Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.1

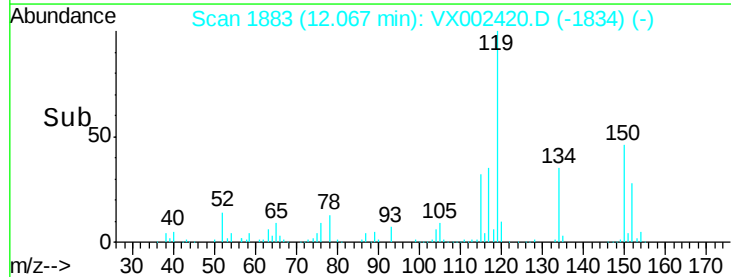
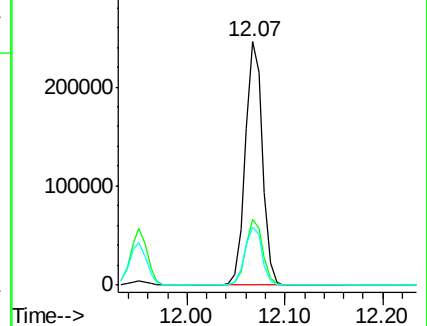
91 24.2 11.9 35.7

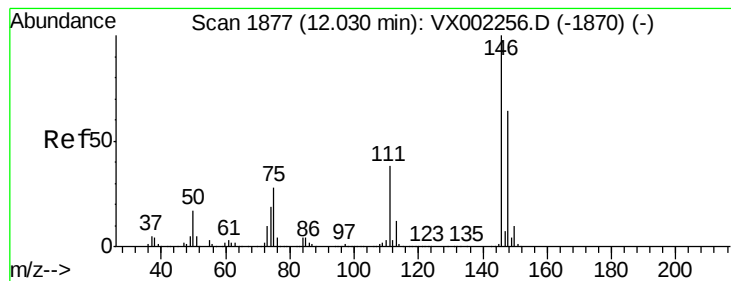


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 20.98 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX002420.D

Acq: 09 Jun 2018 14:49

Instrument :

MSVOA_X

ClientSampleId :

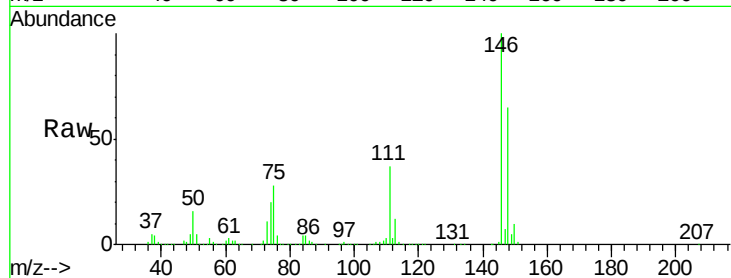
Tot Ion:146 Resp: 160851

Ion Ratio Lower Upper

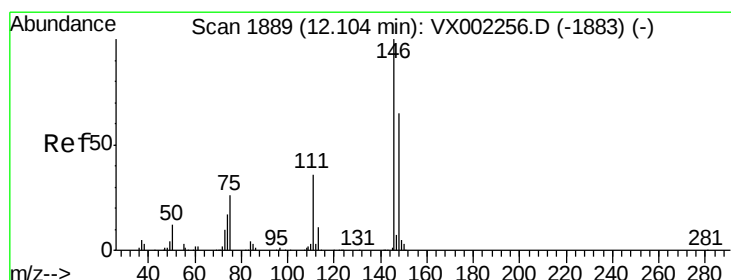
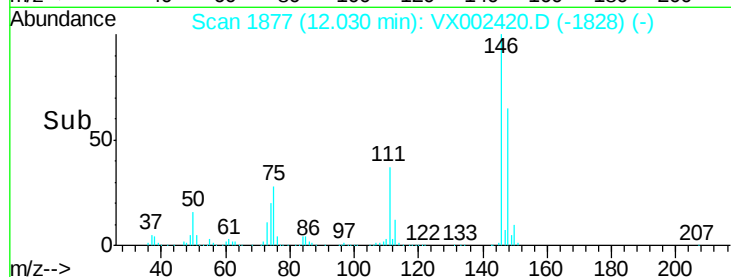
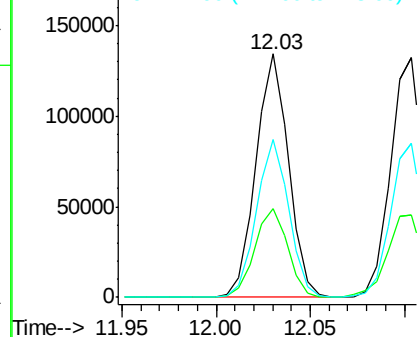
146 100

111 37.3 18.9 56.7

148 64.1 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 20.82 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX002420.D

Acq: 09 Jun 2018 14:49

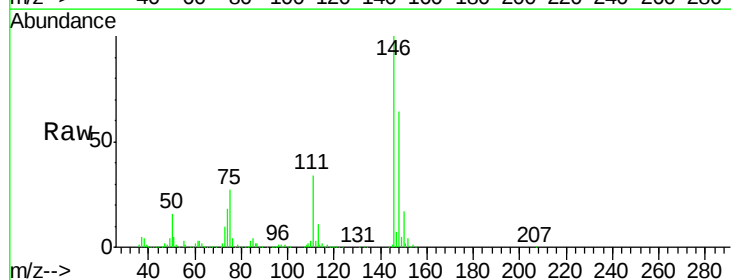
Tgt Ion:146 Resp: 164535

Ion Ratio Lower Upper

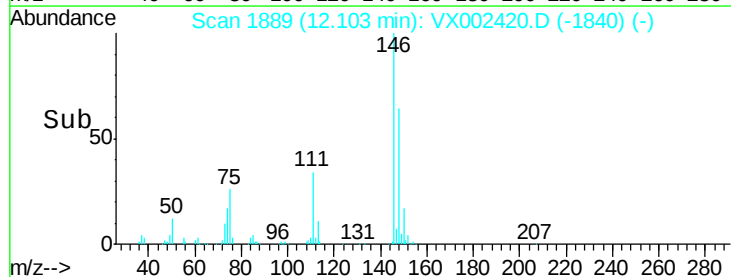
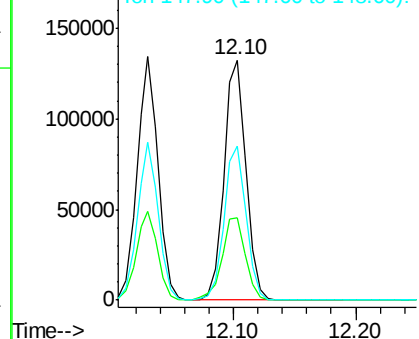
146 100

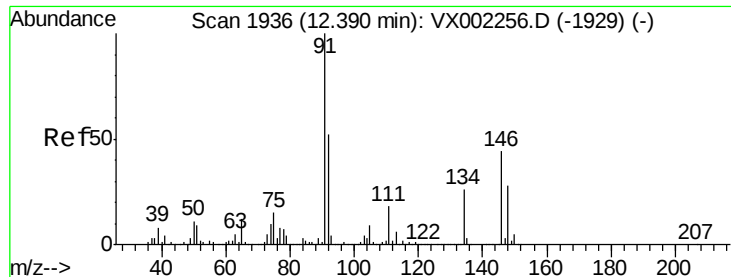
111 36.9 18.7 56.1

148 64.5 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 22.68 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX002420.D

Acq: 09 Jun 2018 14:49

Instrument :

MSVOA_X

ClientSampleId :

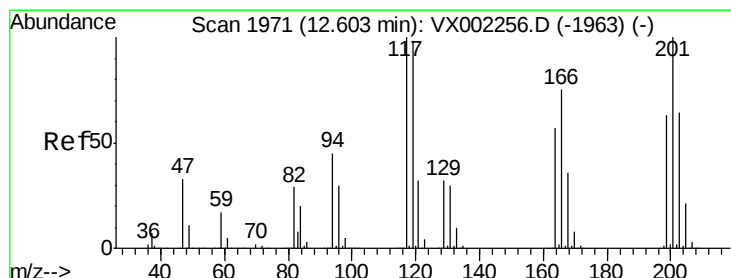
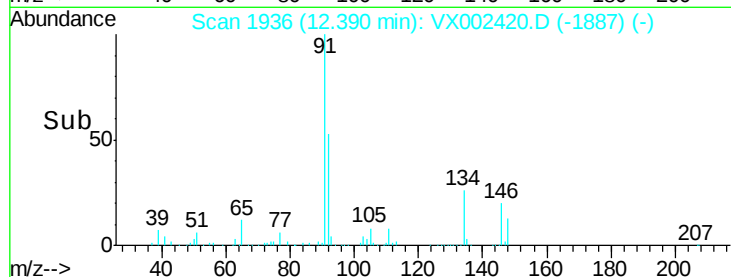
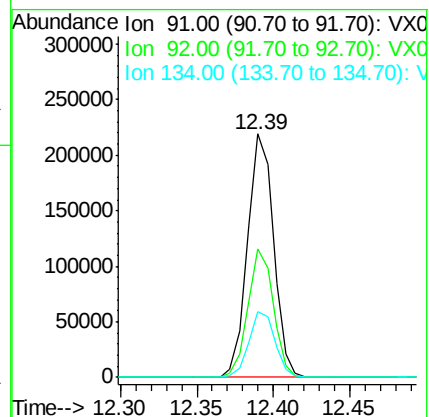
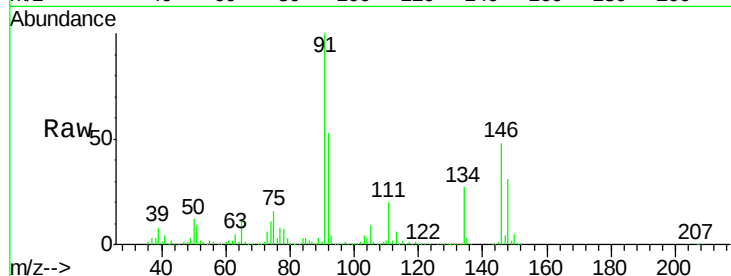
Tot Ion: 91 Resp: 259111

Ion Ratio Lower Upper

91 100

92 51.7 26.0 78.0

134 27.2 13.5 40.5



#90

Hexachloroethane

Concen: 18.63 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. -0.01 min

Lab File: VX002420.D

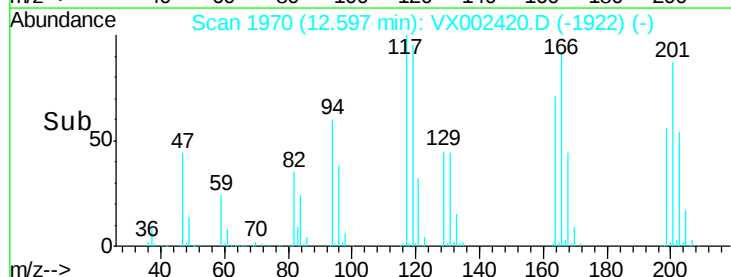
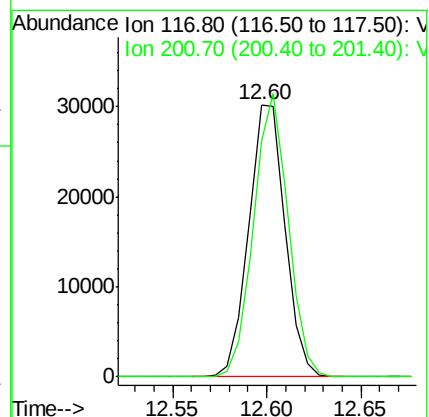
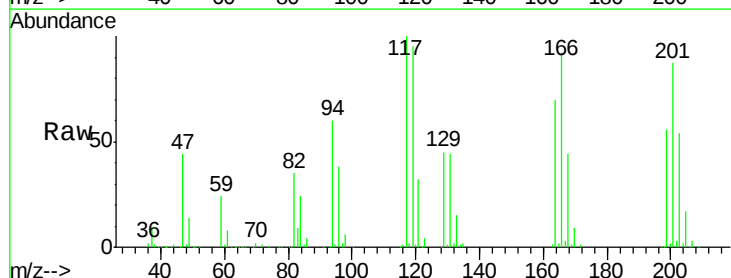
Acq: 09 Jun 2018 14:49

Tgt Ion: 117 Resp: 40508

Ion Ratio Lower Upper

117 100

201 98.2 49.0 147.0





#91

1,2-Dichlorobenzene

Concen: 20.90 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX002420.D

Acq: 09 Jun 2018 14:49

Instrument :

MSVOA_X

ClientSampleId :

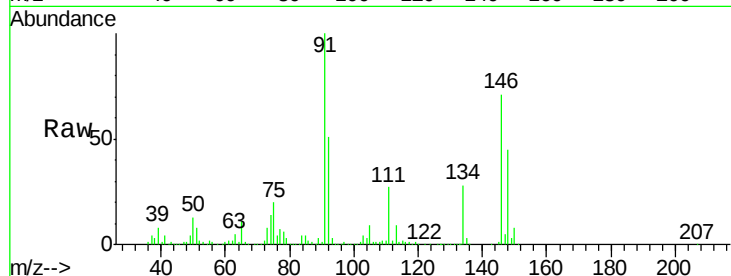
Tot Ion:146 Resp: 165783

Ion Ratio Lower Upper

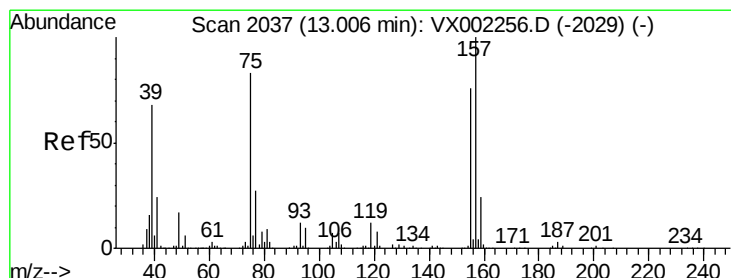
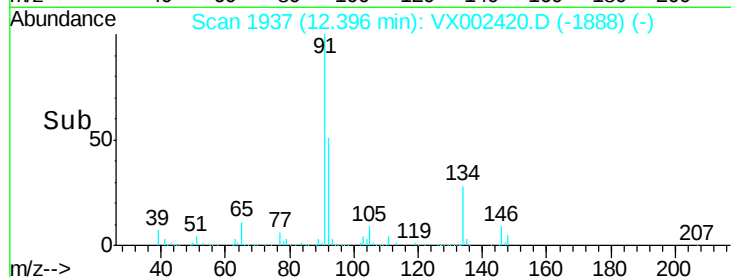
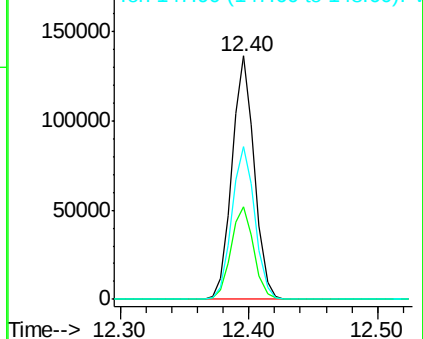
146 100

111 38.5 19.4 58.1

148 64.4 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.77 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. -0.00 min

Lab File: VX002420.D

Acq: 09 Jun 2018 14:49

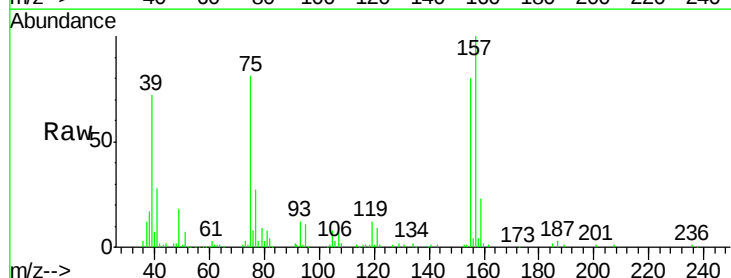
Tgt Ion: 75 Resp: 20765

Ion Ratio Lower Upper

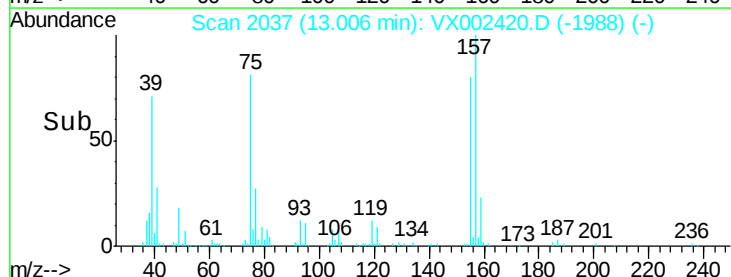
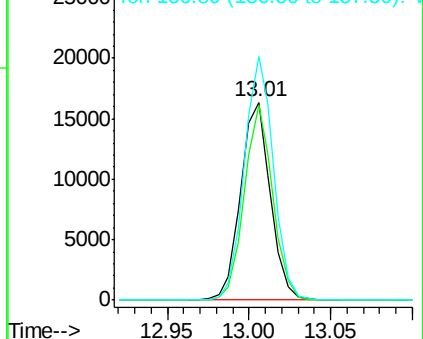
75 100

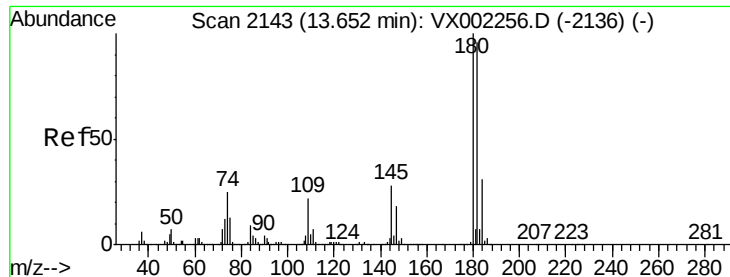
155 94.1 45.8 137.4

157 120.7 60.1 180.3



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





#93

1,2,4-Trichlorobenzene

Concen: 21.92 ug/l

RT: 13.65 min Scan# 2143

Delta R.T. -0.00 min

Lab File: VX002420.D

Acq: 09 Jun 2018 14:49

Instrument :

MSVOA_X

ClientSampleId :

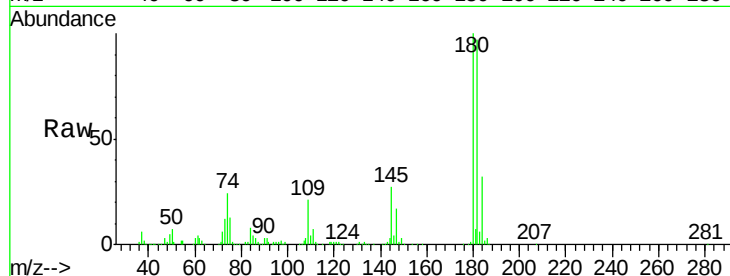
Tot Ion:180 Resp: 121917

Ion Ratio Lower Upper

180 100

182 95.7 47.7 143.1

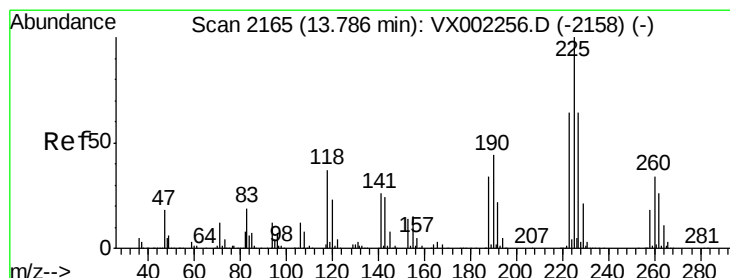
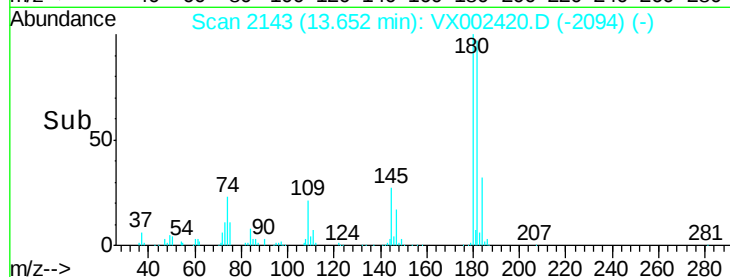
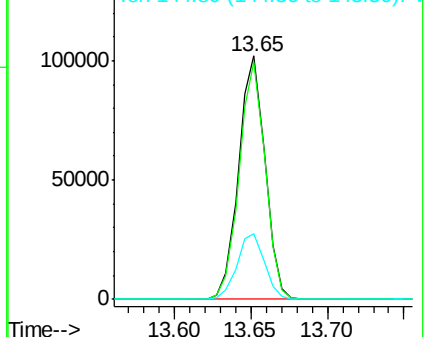
145 28.1 14.1 42.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 23.42 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. -0.00 min

Lab File: VX002420.D

Acq: 09 Jun 2018 14:49

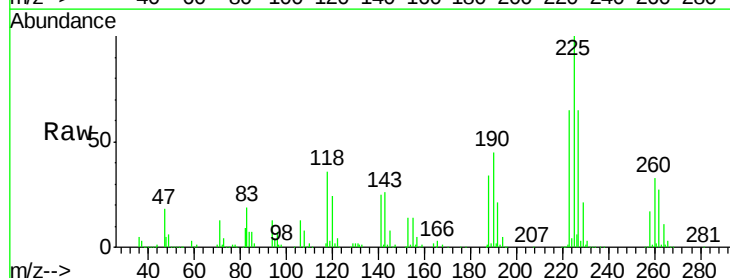
Tgt Ion:225 Resp: 64375

Ion Ratio Lower Upper

225 100

223 63.1 31.6 95.0

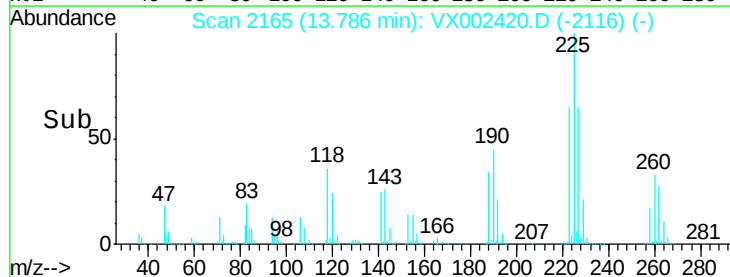
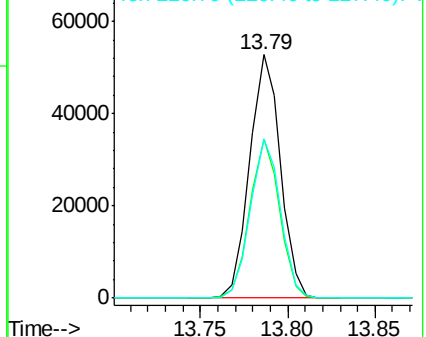
227 64.1 32.4 97.2

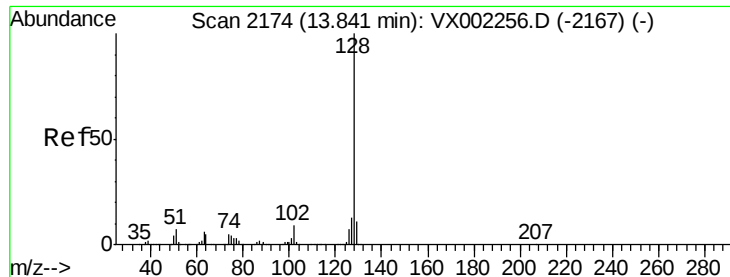


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 21.89 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002420.D

Acq: 09 Jun 2018 14:49

Instrument :

MSVOA_X

ClientSampleId :

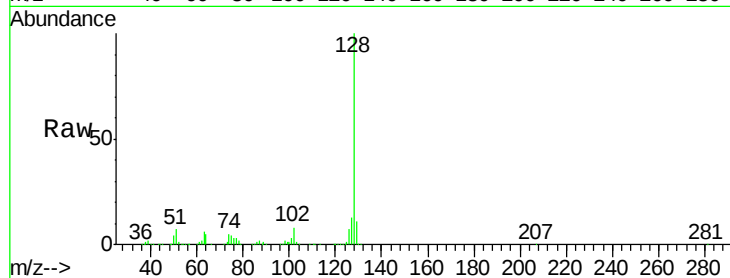
Tot Ion:128 Resp: 349853

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

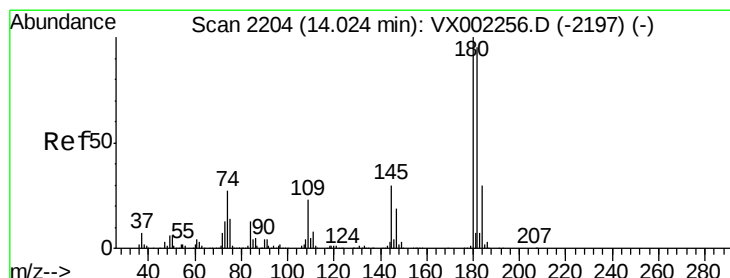
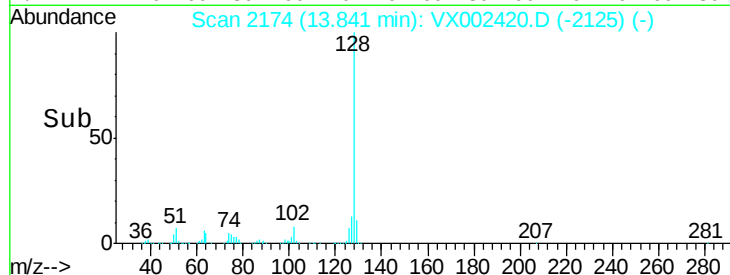
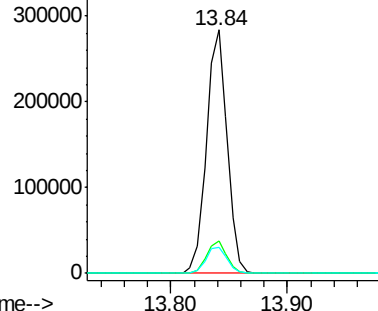
129 11.1 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 21.97 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX002420.D

Acq: 09 Jun 2018 14:49

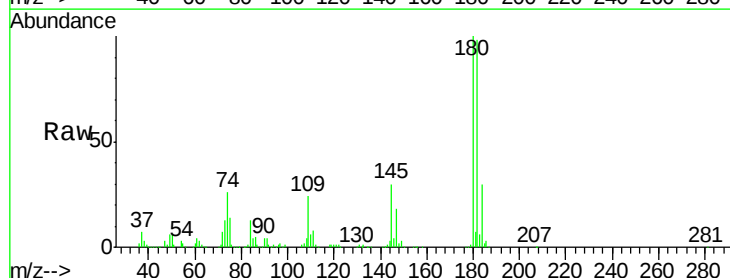
Tgt Ion:180 Resp: 124630

Ion Ratio Lower Upper

180 100

182 97.5 48.0 144.0

145 29.6 14.8 44.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

