

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060618\
 Data File : VX002345.D
 Acq On : 06 Jun 2018 11:48
 Operator : JC/MD
 Sample : VX0606WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 07 03:19:47 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	269850	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	381751	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	370764	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	237067	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	184777	47.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.46%	
35) Dibromofluoromethane	5.51	113	137996	45.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.94%	
50) Toluene-d8	8.72	98	546121	47.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.92%	
62) 4-Bromofluorobenzene	11.14	95	206353	46.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.00%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.20	85	59504	21.21	ug/l	97
3) Chloromethane	1.32	50	66733	18.98	ug/l	99
4) Vinyl Chloride	1.41	62	73197	20.70	ug/l	98
5) Bromomethane	1.64	94	39257	17.45	ug/l	100
6) Chloroethane	1.73	64	48011	20.99	ug/l	98
7) Trichlorofluoromethane	1.93	101	121862	22.62	ug/l	98
8) Diethyl Ether	2.19	74	43482	21.34	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	70491	24.25	ug/l	99
10) Methyl Iodide	2.51	142	47584	11.64	ug/l	100
11) Tert butyl alcohol	3.06	59	82233	91.43	ug/l	98
12) 1,1-Dichloroethene	2.38	96	60543	21.08	ug/l	98
13) Acrolein	2.29	56	34419	83.33	ug/l	99
14) Allyl chloride	2.73	41	120433	19.32	ug/l	98
15) Acrylonitrile	3.15	53	180363	104.17	ug/l	99
16) Acetone	2.45	43	204389	112.62	ug/l	100
17) Carbon Disulfide	2.57	76	135101	17.84	ug/l	99
18) Methyl Acetate	2.78	43	85877	20.63	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	225914	21.21	ug/l	100
20) Methylene Chloride	2.86	84	68800	20.94	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	65017	20.52	ug/l	97
22) Diisopropyl ether	3.87	45	243181	22.53	ug/l	94
23) Vinyl Acetate	3.82	43	1042985	103.20	ug/l	100
24) 1,1-Dichloroethane	3.70	63	127836	20.75	ug/l	99
25) 2-Butanone	4.70	43	241994	91.46	ug/l	100
26) 2,2-Dichloropropane	4.59	77	86936	18.05	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	64229	18.64	ug/l	95
28) Bromochloromethane	5.02	49	57147	19.65	ug/l	98
29) Tetrahydrofuran	5.16	42	147957	86.73	ug/l	99
30) Chloroform	5.22	83	113702	19.12	ug/l	99
31) Cyclohexane	5.57	56	102105	20.96	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	96743	19.19	ug/l	99
36) 1,1-Dichloropropene	5.80	75	84131	20.96	ug/l	100
37) Ethyl Acetate	4.85	43	92011	19.06	ug/l	100
38) Carbon Tetrachloride	5.78	117	82251	19.59	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	107379	21.81	ug/l	96
40) Benzene	6.15	78	247369	20.10	ug/l	98
41) Methacrylonitrile	5.06	41	52589	19.03	ug/l	99
42) 1,2-Dichloroethane	6.20	62	98236	20.09	ug/l	99
43) Isopropyl Acetate	6.46	43	152079	18.55	ug/l	100
44) Trichloroethene	7.21	130	70851	20.75	ug/l	94
45) 1,2-Dichloropropane	7.52	63	66189	19.92	ug/l	98
46) Dibromomethane	7.67	93	43395	19.27	ug/l	99
47) Bromodichloromethane	7.90	83	78002	19.15	ug/l	99
48) Methyl methacrylate	7.78	41	78922	19.17	ug/l	98
49) 1,4-Dioxane	7.76	88	28895	375.29	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	493109	96.59	ug/l	100
52) Toluene	8.79	92	162741	20.79	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	94843	19.42	ug/l	98
54) cis-1,3-Dichloropropene	9.04	75	85517	18.56	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	64916	20.17	ug/l	98
56) Ethyl methacrylate	9.18	69	98757	19.22	ug/l	99
57) 1,3-Dichloropropane	9.37	76	108480	20.09	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	246301	103.55	ug/l	100
59) 2-Hexanone	9.50	43	387590	98.29	ug/l	99
60) Dibromochloromethane	9.59	129	60720	18.75	ug/l	99
61) 1,2-Dibromoethane	9.68	107	67421	20.09	ug/l	98
64) Tetrachloroethene	9.34	164	78462	20.52	ug/l	95
65) Chlorobenzene	10.14	112	188750	20.46	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	64775	19.39	ug/l	99
67) Ethyl Benzene	10.26	91	322670	20.90	ug/l	99
68) m/p-Xylenes	10.36	106	252683	42.10	ug/l	100
69) o-Xylene	10.70	106	122222	20.46	ug/l	98
70) Styrene	10.71	104	200642	20.55	ug/l	100
71) Bromoform	10.86	173	43900	17.12	ug/l #	99
73) Isopropylbenzene	11.02	105	335079	20.32	ug/l	100
74) N-amyl acetate	6.46	43	152079	17.11	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	94097	18.14	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	106305	20.44	ug/l	80
77) Bromobenzene	11.26	156	87969	19.00	ug/l	99
78) n-propylbenzene	11.37	91	386075	21.06	ug/l	99
79) 2-Chlorotoluene	11.43	91	226060	19.53	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	285746	20.20	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	22519	15.17	ug/l	88
82) 4-Chlorotoluene	11.51	91	269633	20.18	ug/l	100
83) tert-Butylbenzene	11.77	119	280238	20.34	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	297299	20.42	ug/l	99
85) sec-Butylbenzene	11.95	105	351885	21.79	ug/l	100
86) p-Isopropyltoluene	12.07	119	318795	21.67	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	167426	20.22	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	168340	19.73	ug/l	100
89) n-Butylbenzene	12.39	91	274425	22.25	ug/l	100
90) Hexachloroethane	12.60	117	40980	17.45	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	167700	19.58	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	19067	16.81	ug/l	99

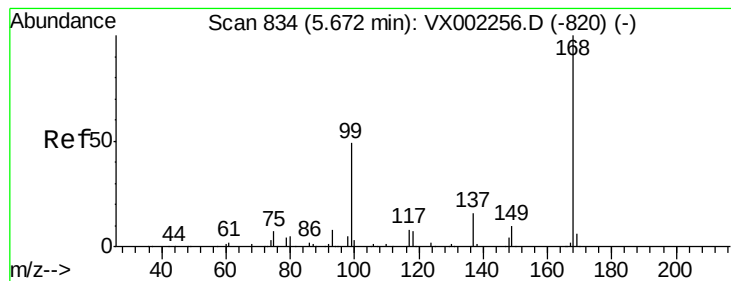
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	122850	20.46	ug/l	99
94) Hexachlorobutadiene	13.79	225	66743	22.49	ug/l	99
95) Naphthalene	13.84	128	336965	19.53	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	125330	20.46	ug/l	100

(#) = 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: VX002345.D

Acq: 06 Jun 2018 11:48

Instrument :

MSVOA_X

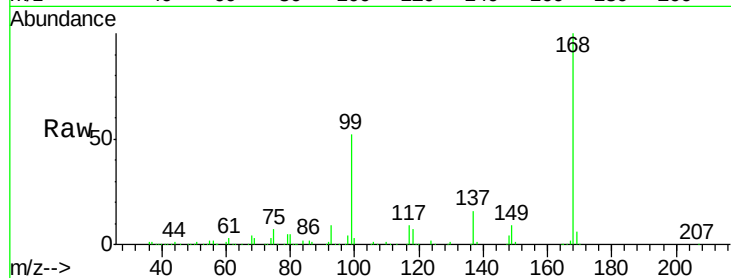
ClientSampleId :

Tot Ion:168 Resp: 269850

Ion Ratio Lower Upper

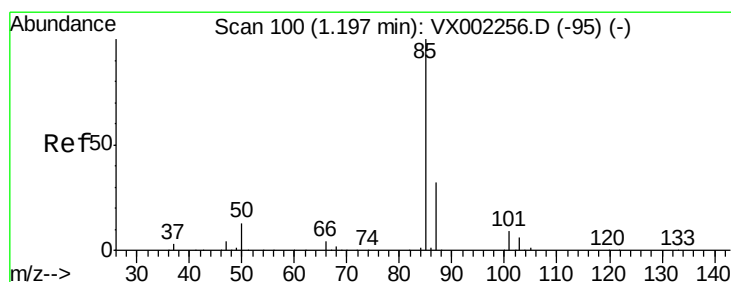
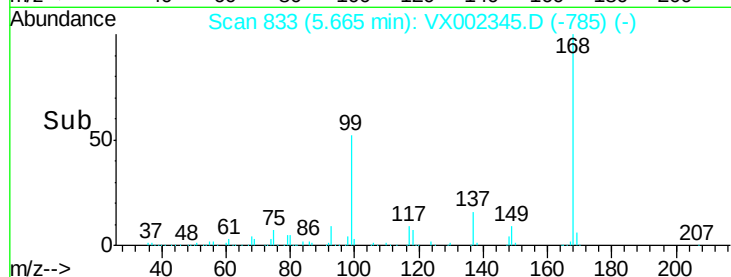
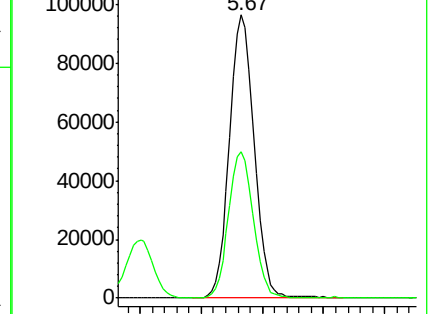
168 100

99 51.5 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 21.21 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX002345.D

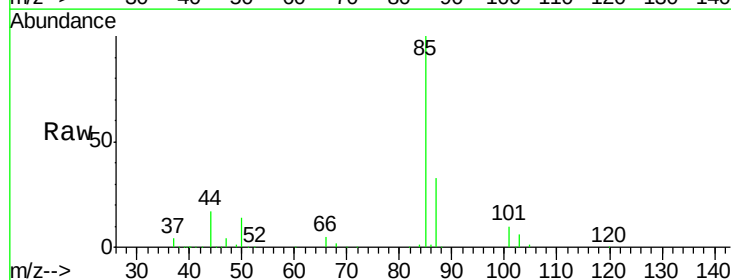
Acq: 06 Jun 2018 11:48

Tgt Ion: 85 Resp: 59504

Ion Ratio Lower Upper

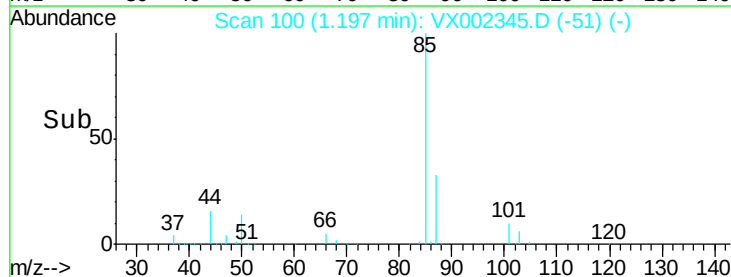
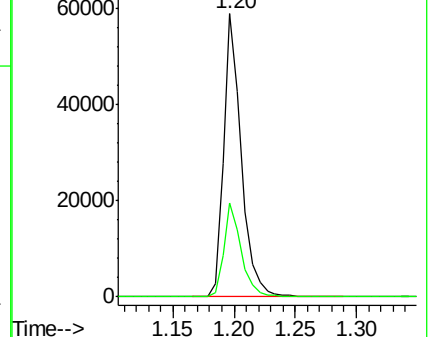
85 100

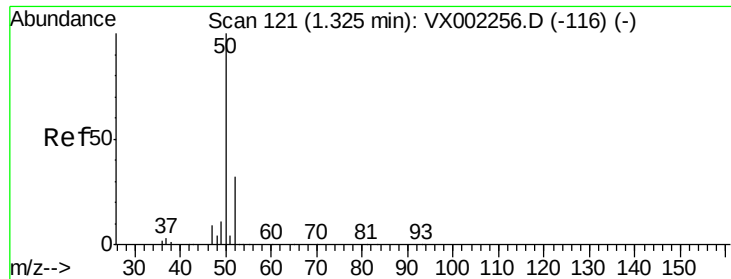
87 33.3 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 18.98 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002345.D

Acq: 06 Jun 2018 11:48

Instrument :

MSVOA_X

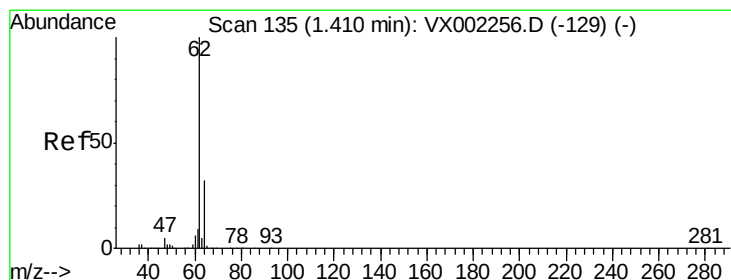
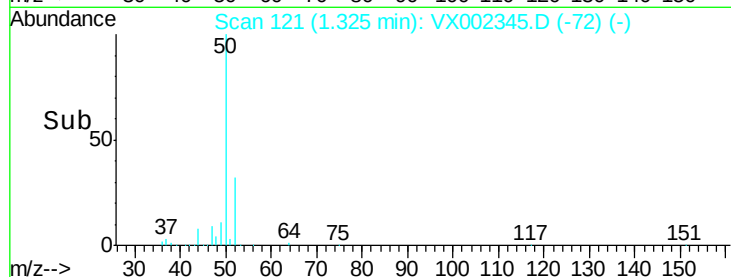
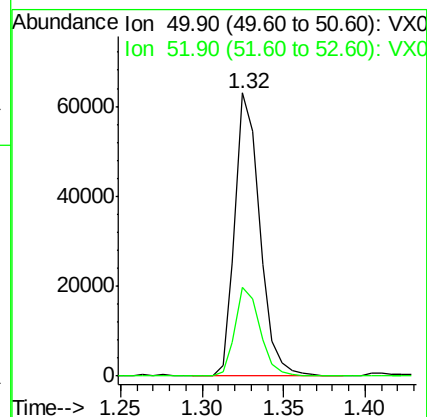
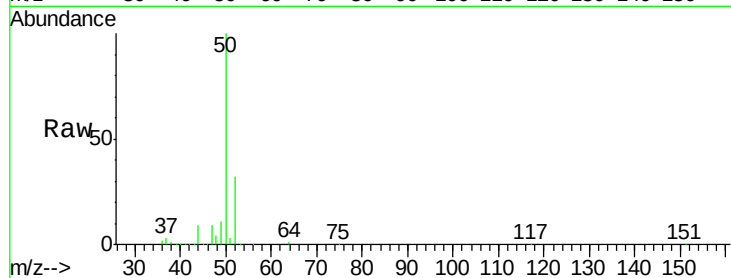
ClientSampleId :

Tot Ion: 50 Resp: 66733

Ion Ratio Lower Upper

50 100

52 31.6 25.7 38.5



#4

Vinyl Chloride

Concen: 20.70 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX002345.D

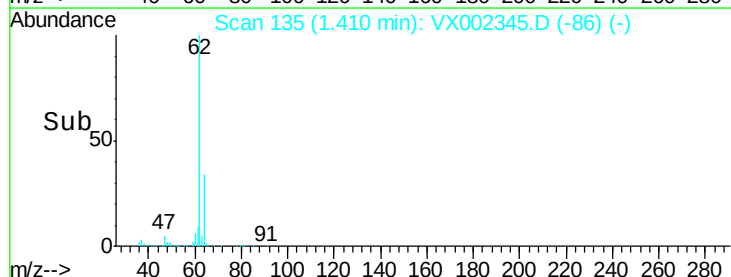
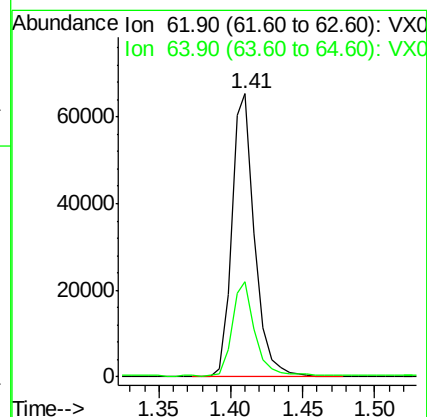
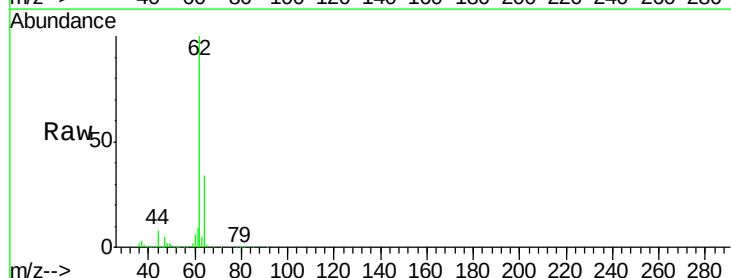
Acq: 06 Jun 2018 11:48

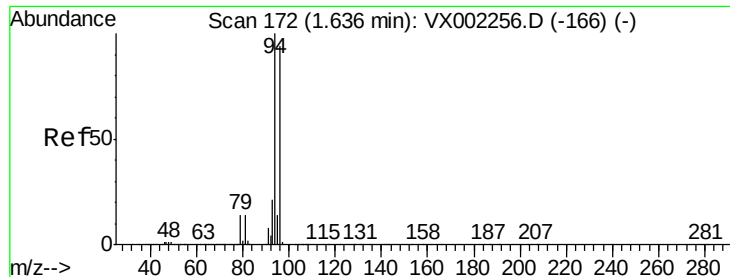
Tgt Ion: 62 Resp: 73197

Ion Ratio Lower Upper

62 100

64 33.0 25.4 38.2





#5

Bromomethane

Concen: 17.45 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX002345.D

Acq: 06 Jun 2018 11:48

Instrument :

MSVOA_X

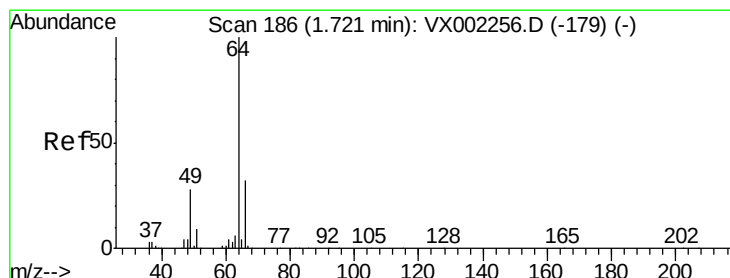
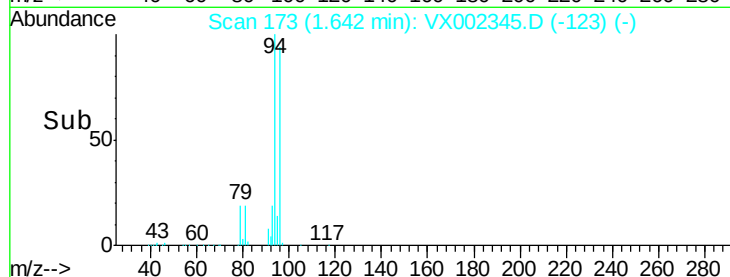
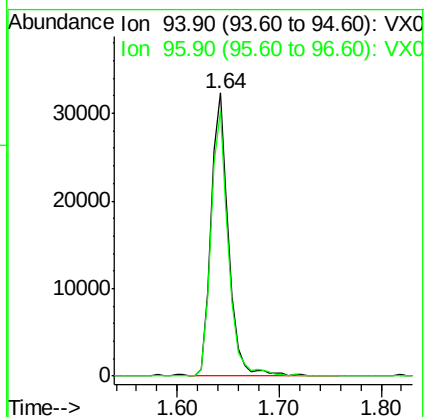
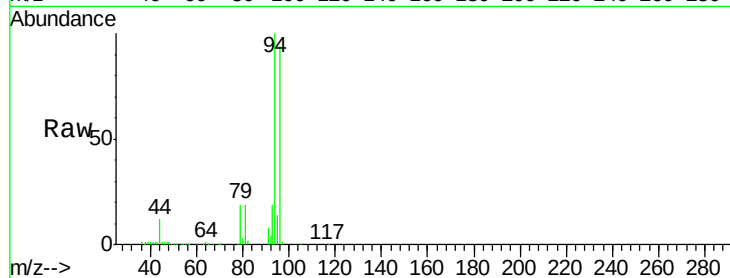
ClientSampled :

Tot Ion: 94 Resp: 39257

Ion Ratio Lower Upper

94 100

96 94.0 74.9 112.3



#6

Chloroethane

Concen: 20.99 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX002345.D

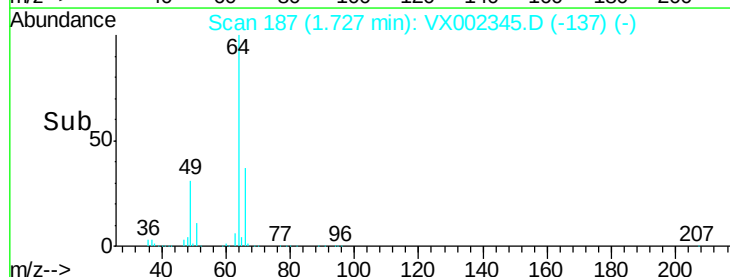
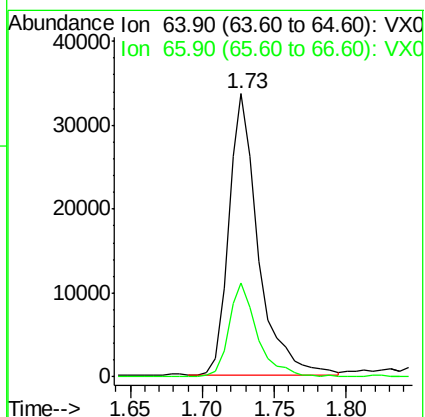
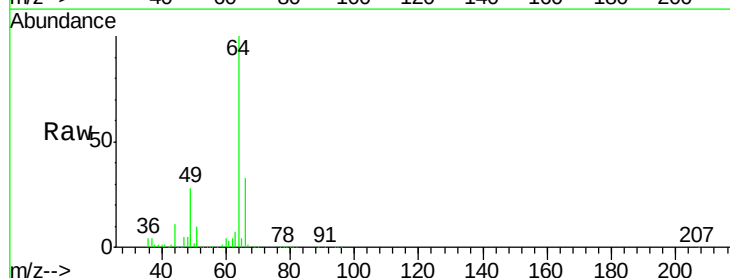
Acq: 06 Jun 2018 11:48

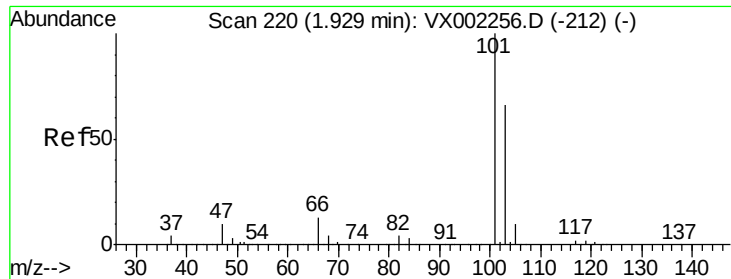
Tgt Ion: 64 Resp: 48011

Ion Ratio Lower Upper

64 100

66 33.1 25.5 38.3



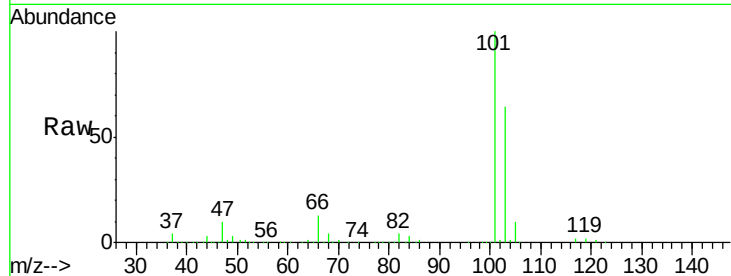


#7

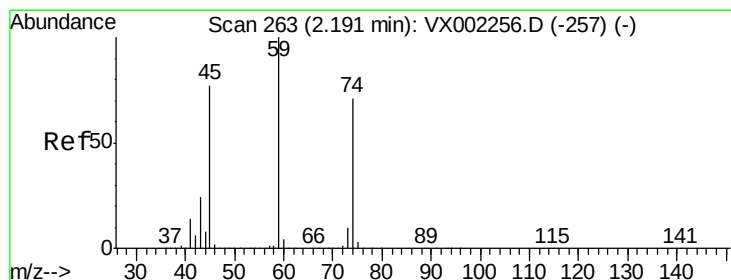
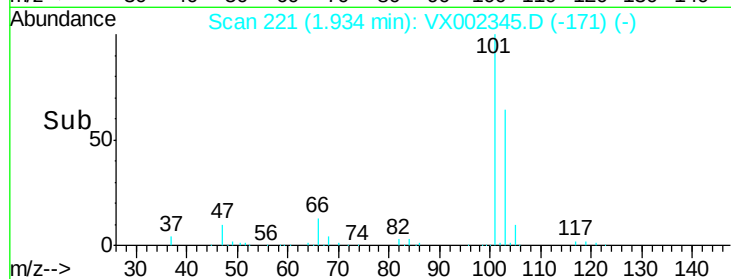
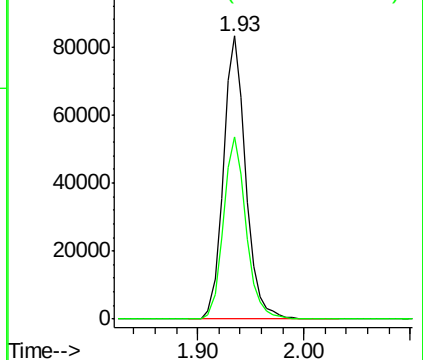
Trichlorofluoromethane
Concen: 22.62 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.01 min
Lab File: VX002345.D
Acq: 06 Jun 2018 11:48

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:101 Resp: 121862
Ion Ratio Lower Upper
101 100
103 64.3 52.8 79.2



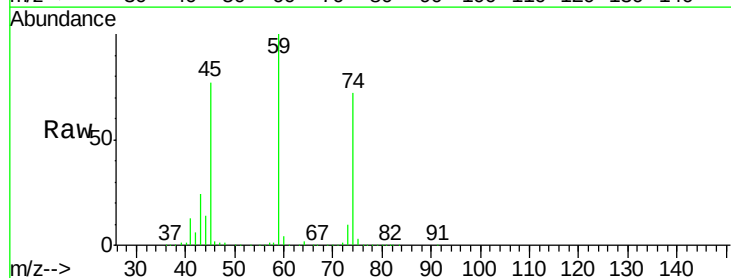
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



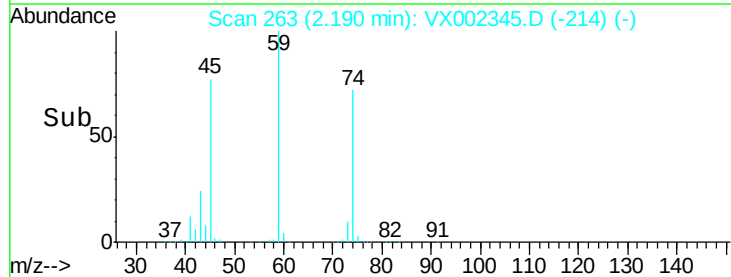
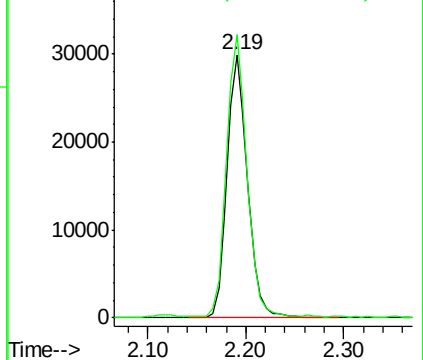
#8

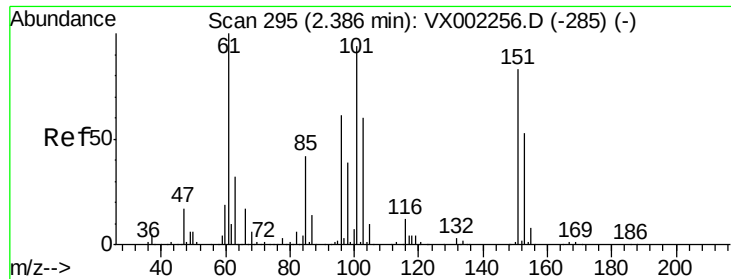
Diethyl Ether
Concen: 21.34 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX002345.D
Acq: 06 Jun 2018 11:48

Tgt Ion: 74 Resp: 43482
Ion Ratio Lower Upper
74 100
45 106.3 53.1 159.4



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 24.25 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX002345.D

Acq: 06 Jun 2018 11:48

Instrument :

MSVOA_X

ClientSampled :

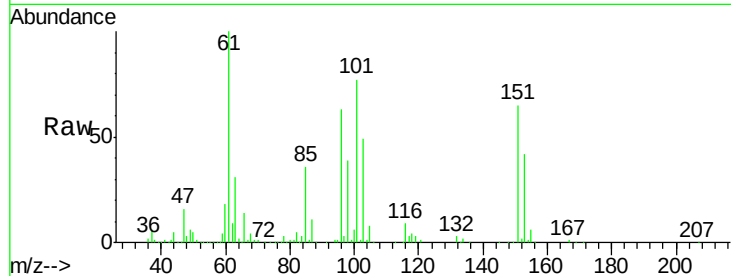
Tot Ion:101 Resp: 70491

Ion Ratio Lower Upper

101 100

85 46.1 36.0 54.0

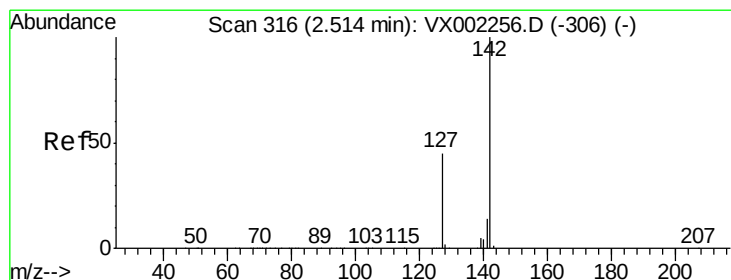
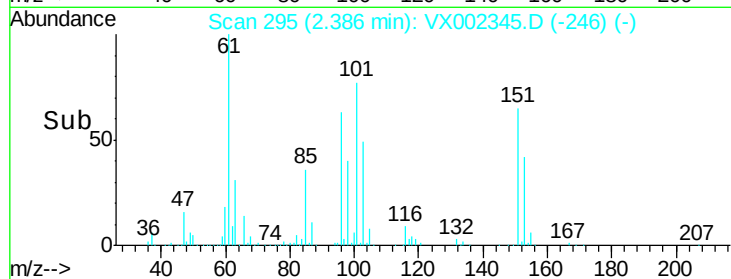
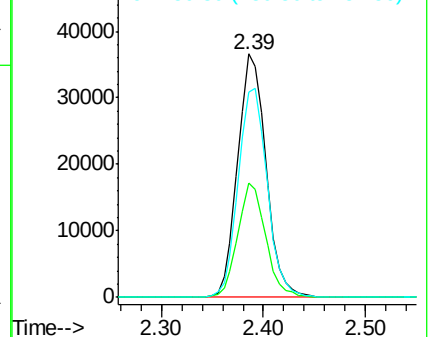
151 88.0 70.9 106.3



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: 11.64 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.00 min

Lab File: VX002345.D

Acq: 06 Jun 2018 11:48

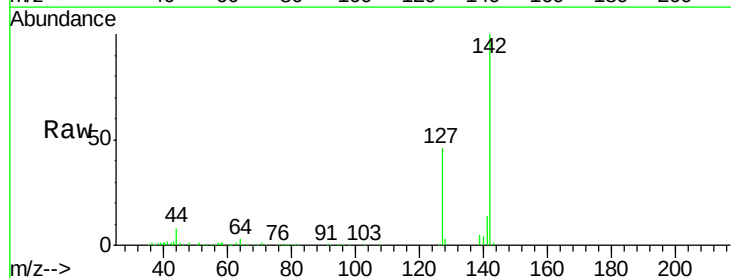
Tgt Ion:142 Resp: 47584

Ion Ratio Lower Upper

142 100

127 45.5 36.6 55.0

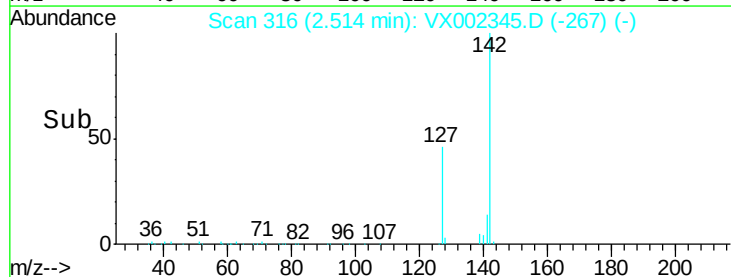
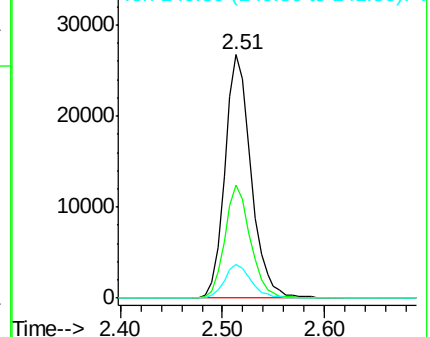
141 14.1 11.3 16.9

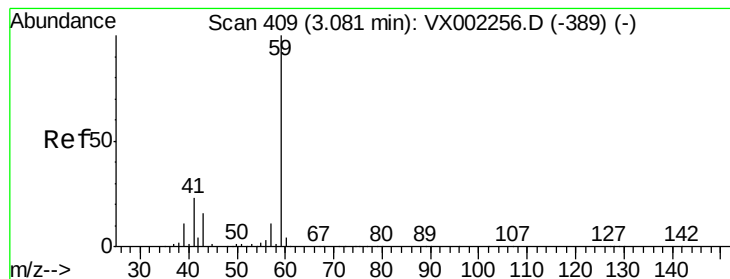


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 91.43 ug/l

RT: 3.06 min Scan# 406

Delta R.T. -0.02 min

Lab File: VX002345.D

Acq: 06 Jun 2018 11:48

Instrument :

MSVOA_X

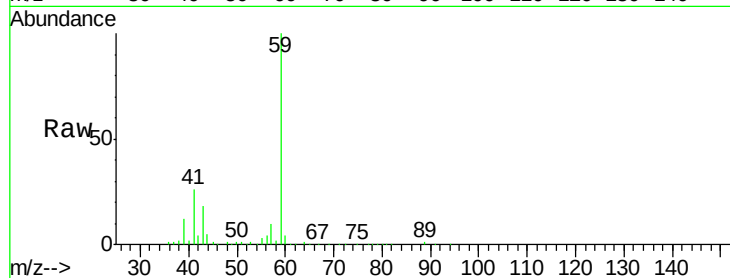
ClientSampleId :

Tot Ion: 59 Resp: 82233

Ion Ratio Lower Upper

59 100

57 10.9 8.2 12.2



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.06

40000

30000

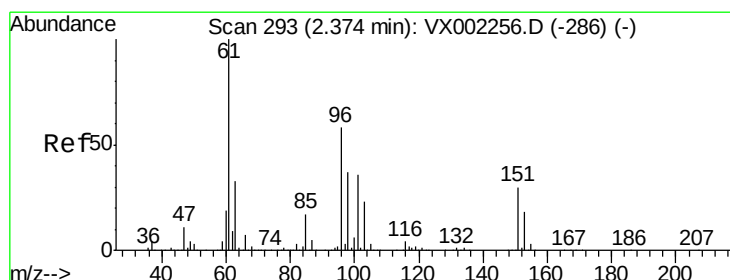
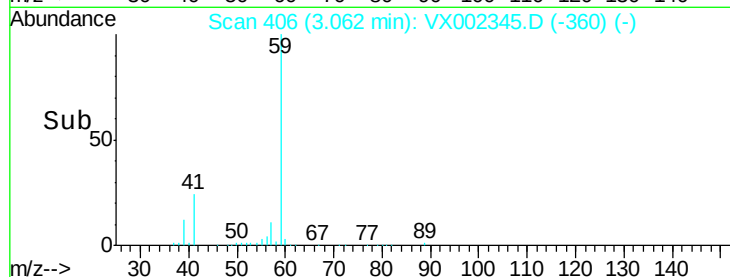
20000

10000

0

Time-->

2.90 3.00 3.10



#12

1,1-Dichloroethene

Concen: 21.08 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.01 min

Lab File: VX002345.D

Acq: 06 Jun 2018 11:48

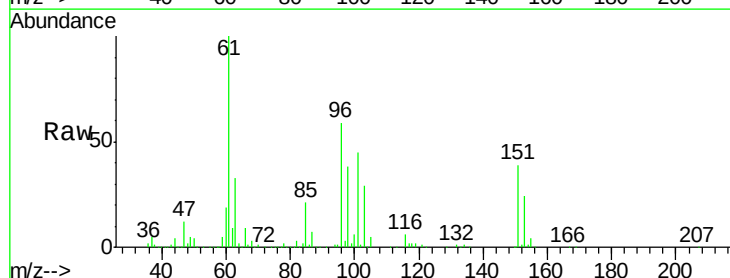
Tgt Ion: 96 Resp: 60543

Ion Ratio Lower Upper

96 100

61 168.6 137.9 206.9

98 64.2 51.6 77.4



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

80000

60000

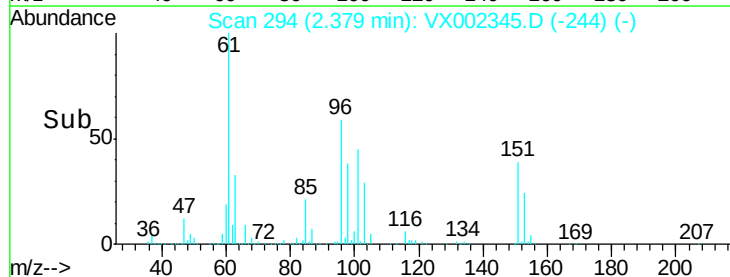
40000

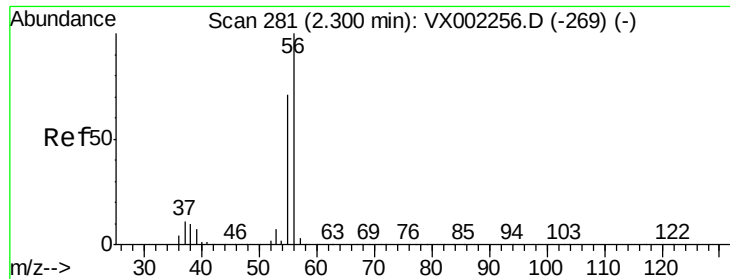
20000

0

Time-->

2.30 2.40 2.50





#13

Acrolein

Concen: 83.33 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX002345.D

Acq: 06 Jun 2018 11:48

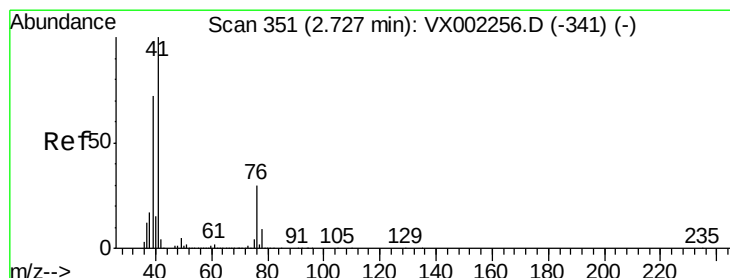
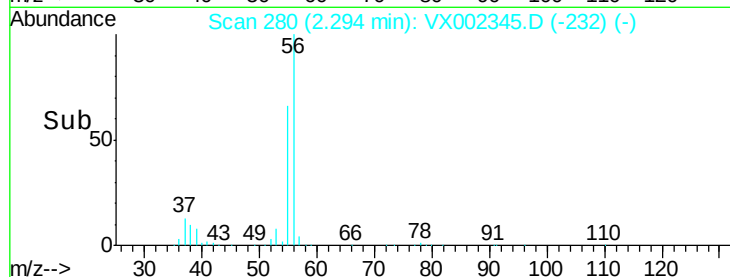
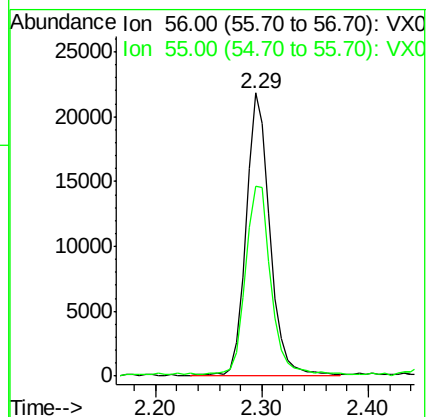
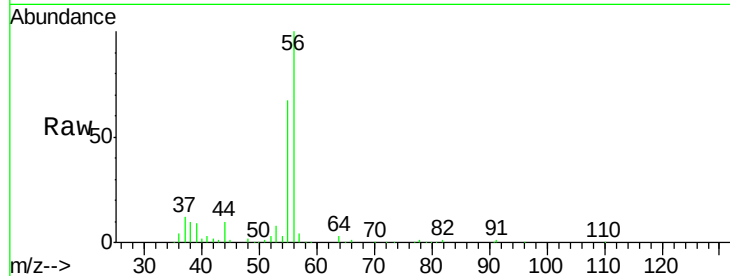
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 34419

Ion Ratio Lower Upper

56 100

55 70.2 57.0 85.4



#14

Allyl chloride

Concen: 19.32 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.01 min

Lab File: VX002345.D

Acq: 06 Jun 2018 11:48

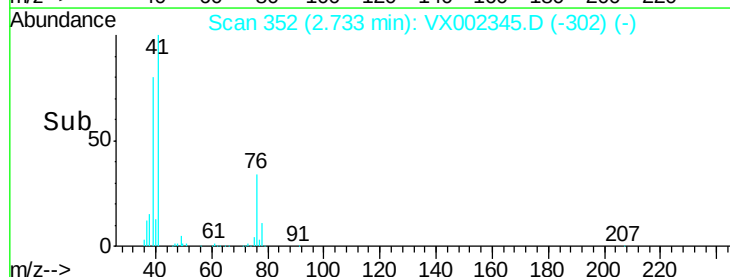
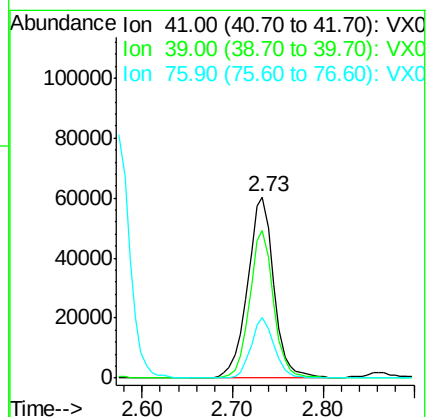
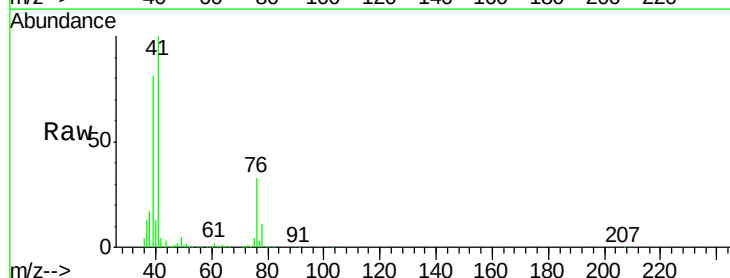
Tgt Ion: 41 Resp: 120433

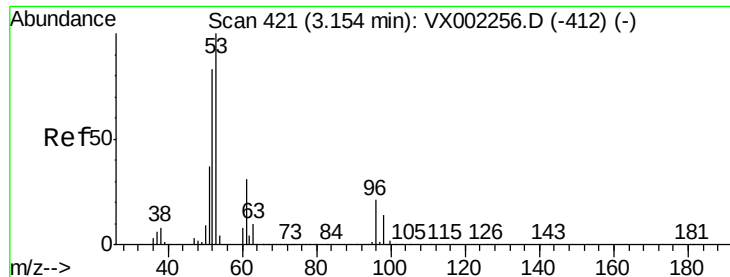
Ion Ratio Lower Upper

41 100

39 73.4 56.8 85.2

76 29.7 23.8 35.8





#15

Acrylonitrile

Concen: 104.17 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX002345.D

Acq: 06 Jun 2018 11:48

Instrument :

MSVOA_X

ClientSampleId :

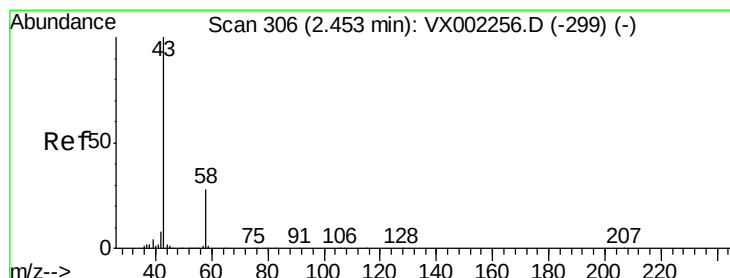
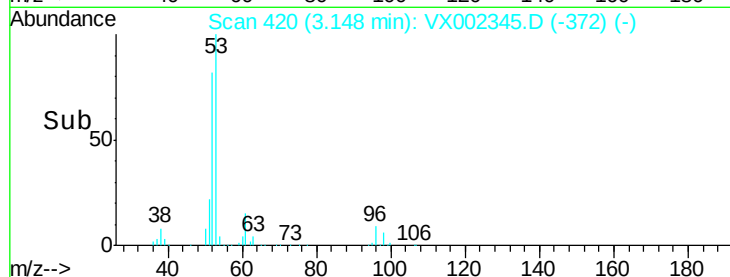
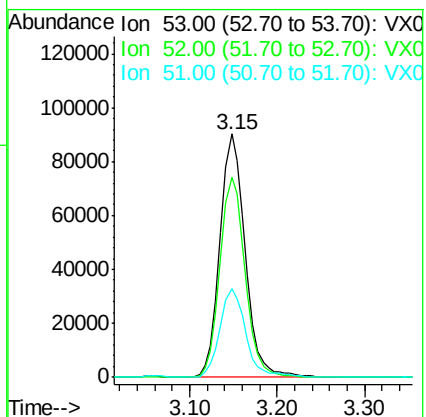
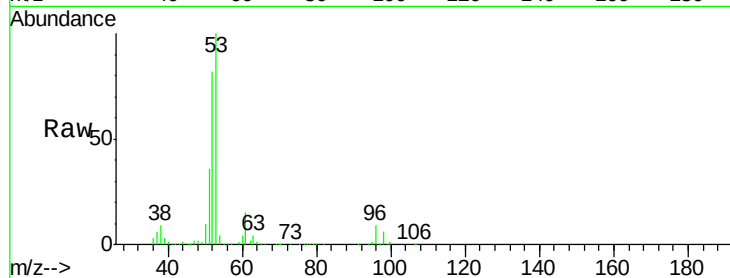
Tot Ion: 53 Resp: 180363

Ion Ratio Lower Upper

53 100

52 82.2 66.7 100.1

51 37.2 29.9 44.9



#16

Acetone

Concen: 112.62 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002345.D

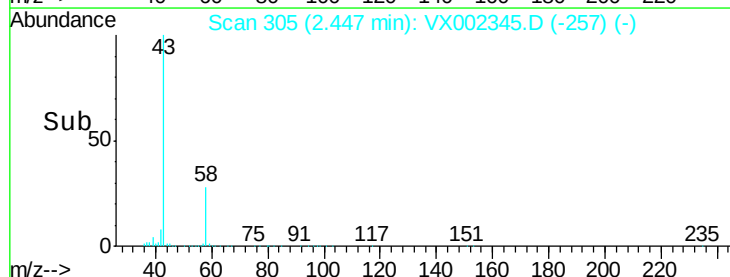
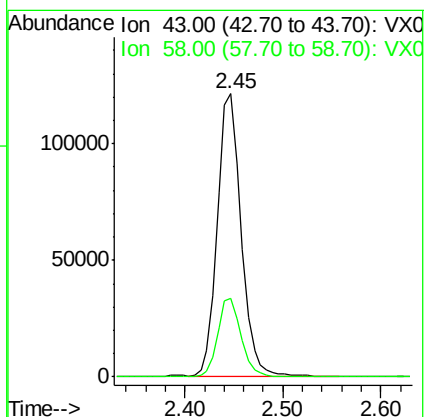
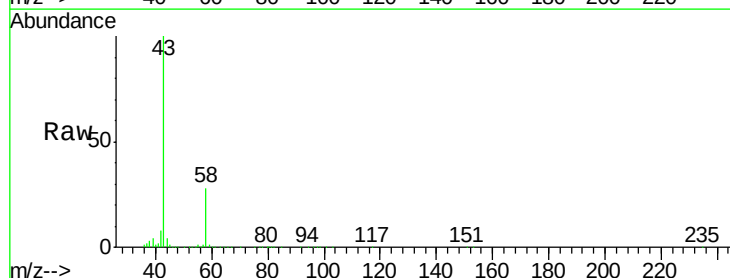
Acq: 06 Jun 2018 11:48

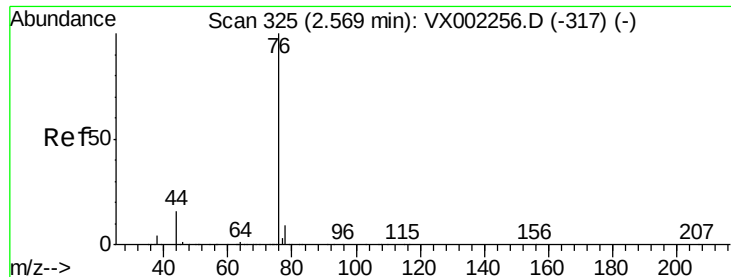
Tgt Ion: 43 Resp: 204389

Ion Ratio Lower Upper

43 100

58 27.7 22.1 33.1





#17

Carbon Disulfide

Concen: 17.84 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.01 min

Lab File: VX002345.D

Acq: 06 Jun 2018 11:48

Instrument :

MSVOA_X

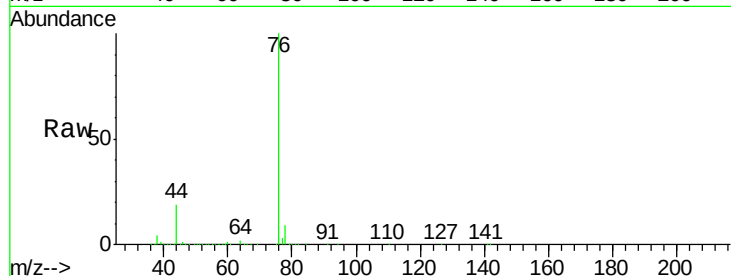
ClientSampled :

Tot Ion: 76 Resp: 135101

Ion Ratio Lower Upper

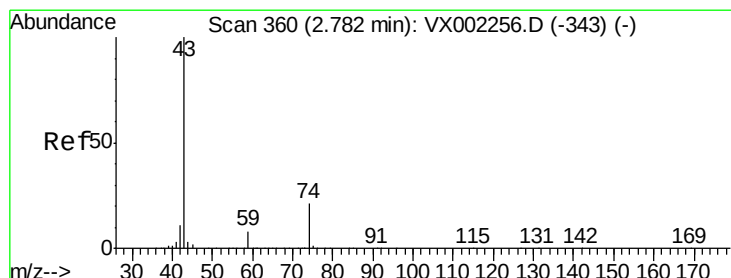
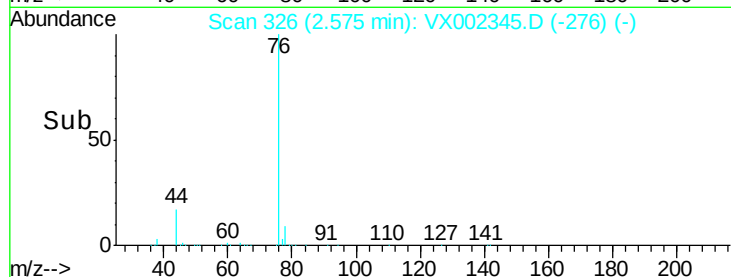
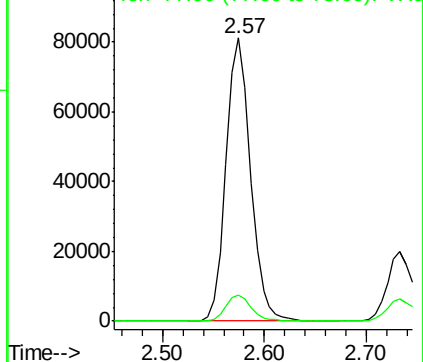
76 100

78 9.1 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 20.63 ug/l

RT: 2.78 min Scan# 359

Delta R.T. -0.01 min

Lab File: VX002345.D

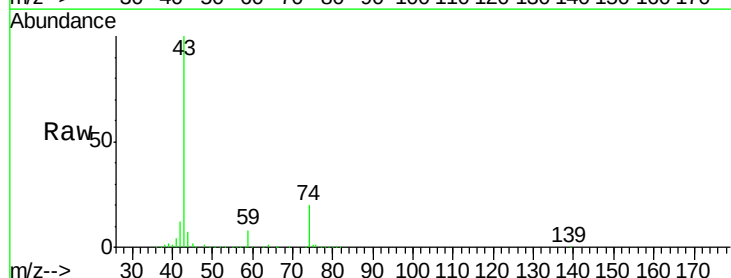
Acq: 06 Jun 2018 11:48

Tgt Ion: 43 Resp: 85877

Ion Ratio Lower Upper

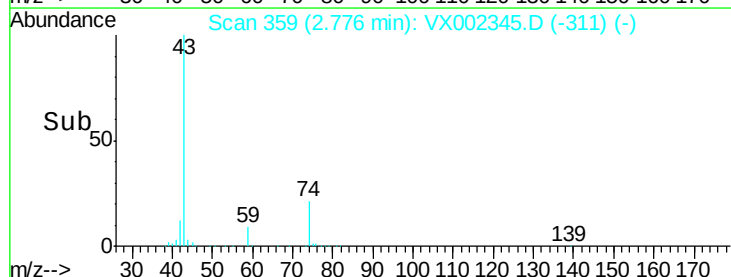
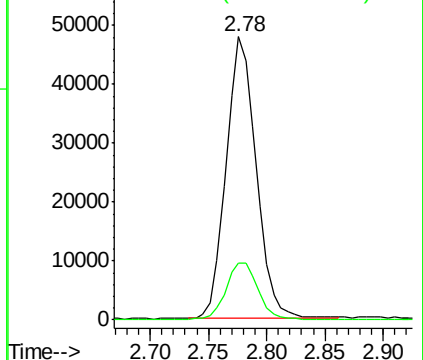
43 100

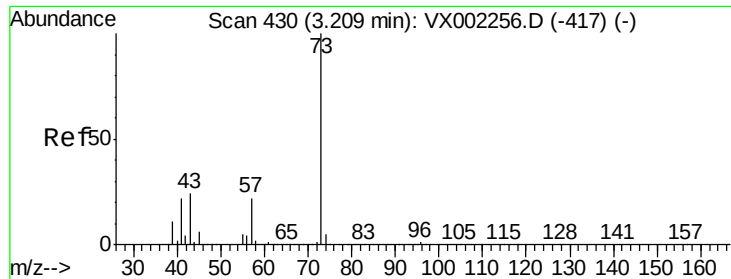
74 22.0 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

Methyl tert-butyl Ether

Concen: 21.21 ug/l

RT: 3.20 min Scan# 429

Delta R.T. -0.01 min

Lab File: VX002345.D

Acq: 06 Jun 2018 11:48

Instrument :

MSVOA_X

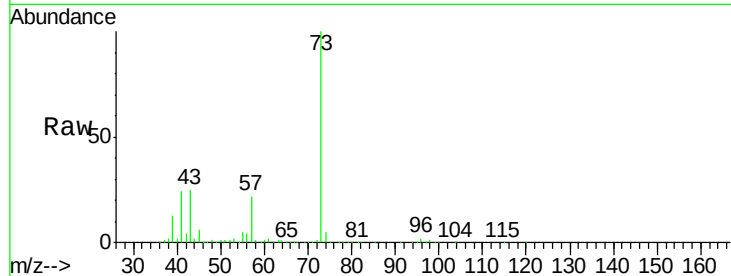
ClientSampled :

Tot Ion: 73 Resp: 225914

Ion Ratio Lower Upper

73 100

57 21.9 17.7 26.5



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

100000

80000

60000

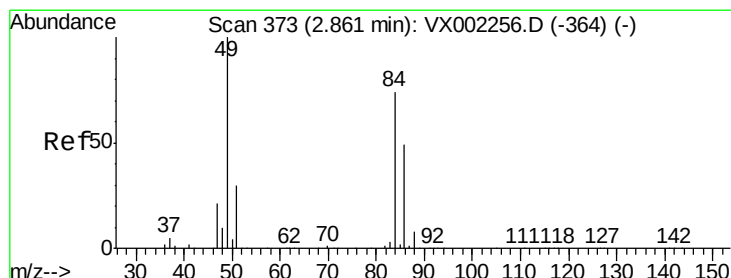
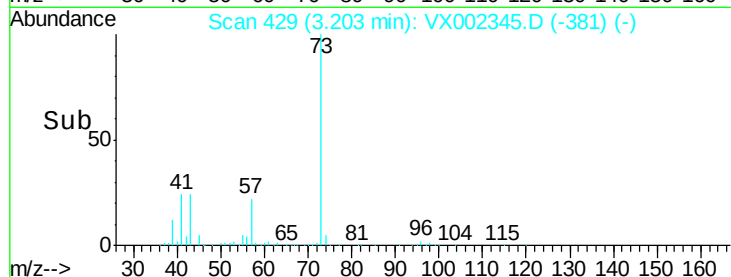
40000

20000

0

3.10 3.20 3.30

Time-->



#20

Methylene Chloride

Concen: 20.94 ug/l

RT: 2.86 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX002345.D

Acq: 06 Jun 2018 11:48

Tgt Ion: 84 Resp: 68800

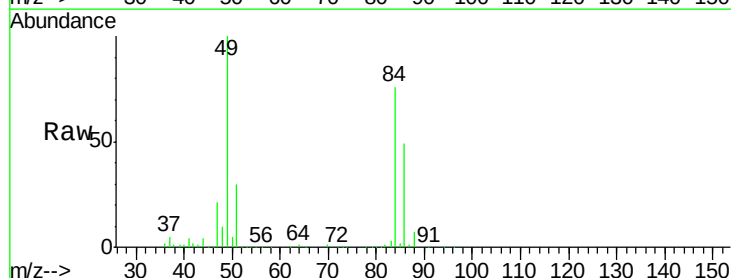
Ion Ratio Lower Upper

84 100

49 132.3 107.8 161.6

51 39.8 32.8 49.2

86 65.1 52.5 78.7



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

60000

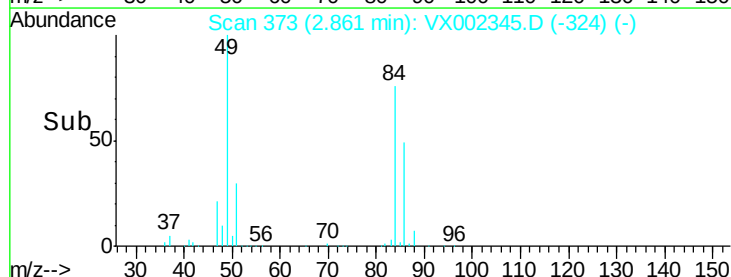
40000

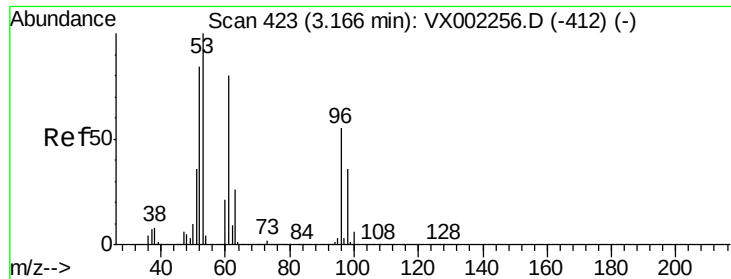
20000

0

2.80 2.90 3.00

Time-->





#21

trans-1,2-Dichloroethene

Concen: 20.52 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002345.D

Acq: 06 Jun 2018 11:48

Instrument :

MSVOA_X

ClientSampleId :

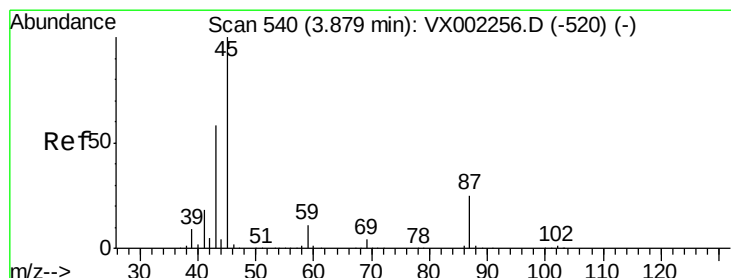
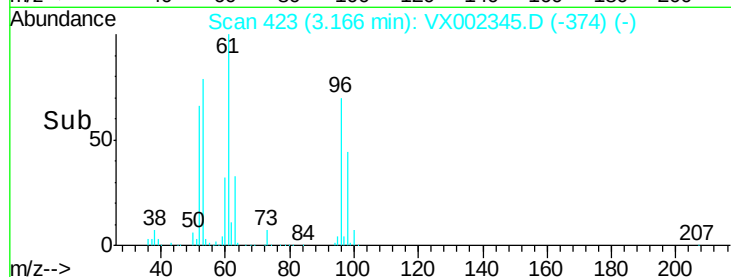
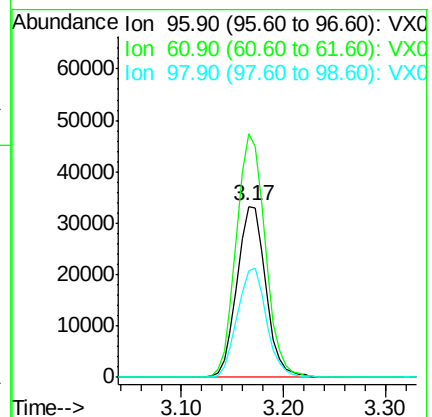
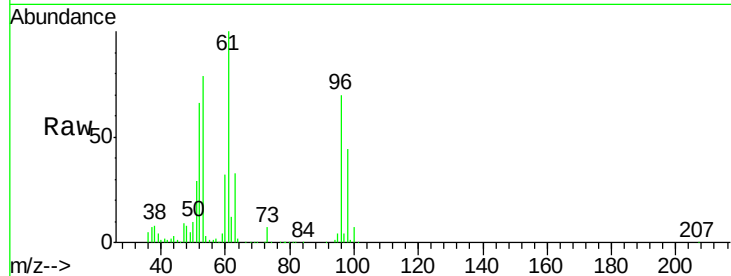
Tot Ion: 96 Resp: 65017

Ion Ratio Lower Upper

96 100

61 142.7 117.0 175.4

98 62.6 52.4 78.6



#22

Diisopropyl ether

Concen: 22.53 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX002345.D

Acq: 06 Jun 2018 11:48

Tgt Ion: 45 Resp: 243181

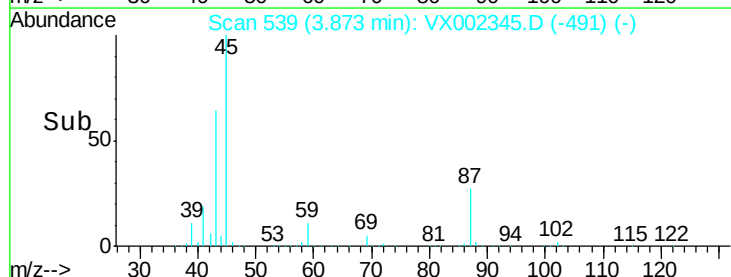
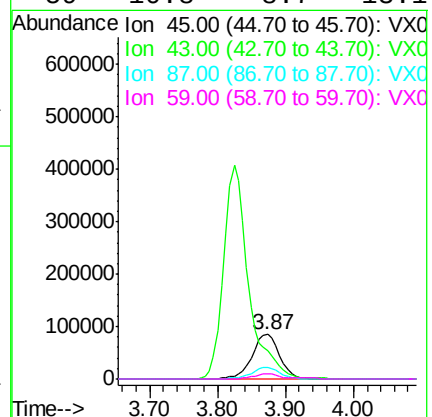
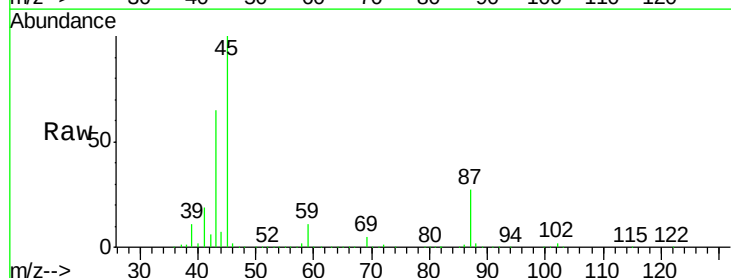
Ion Ratio Lower Upper

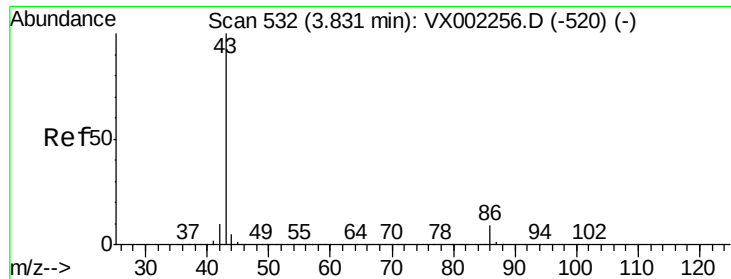
45 100

43 64.4 46.8 70.2

87 26.6 20.2 30.4

59 10.8 8.7 13.1





#23

Vinyl Acetate

Concen: 103.20 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX002345.D

Acq: 06 Jun 2018 11:48

Instrument :

MSVOA_X

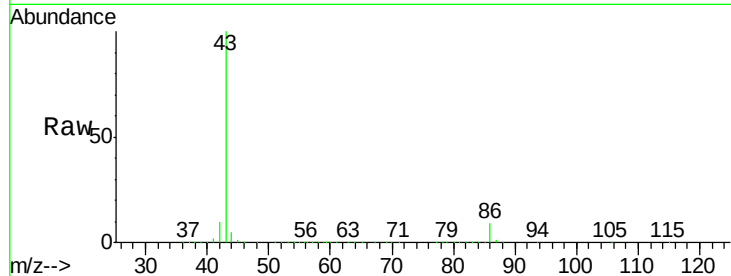
ClientSampleId :

Tot Ion: 43 Resp: 1042985

Ion Ratio Lower Upper

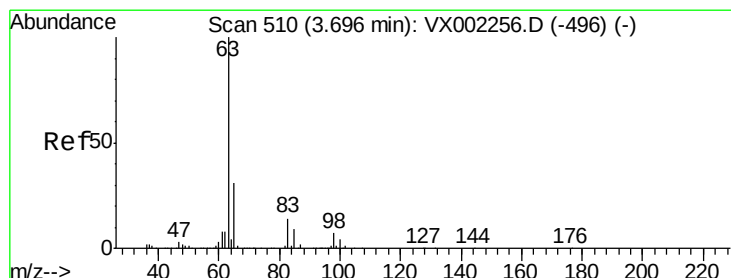
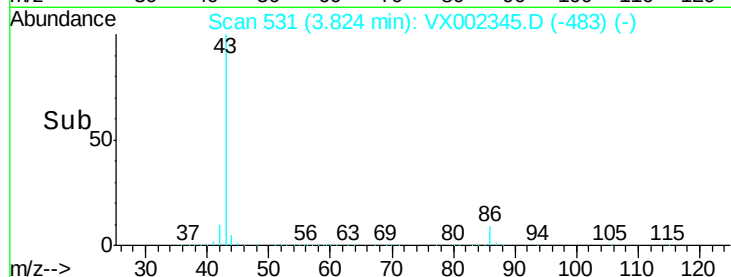
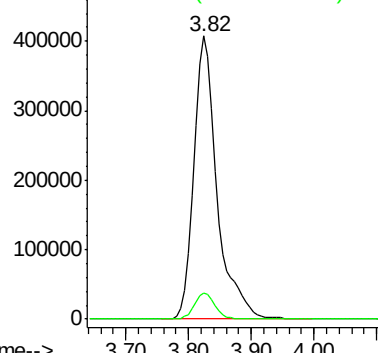
43 100

86 9.2 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: 20.75 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX002345.D

Acq: 06 Jun 2018 11:48

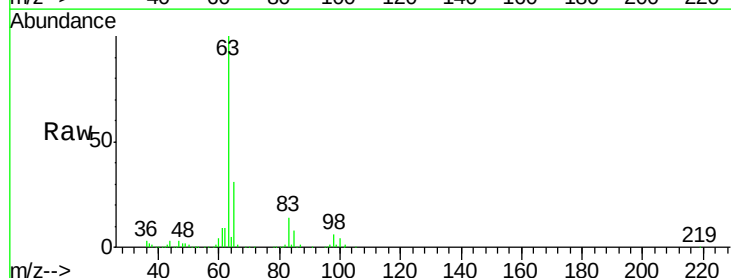
Tgt Ion: 63 Resp: 127836

Ion Ratio Lower Upper

63 100

98 6.3 3.4 10.2

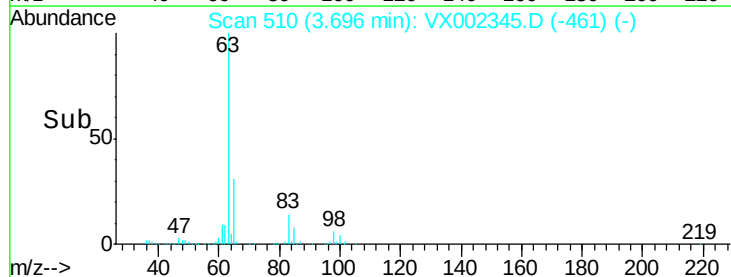
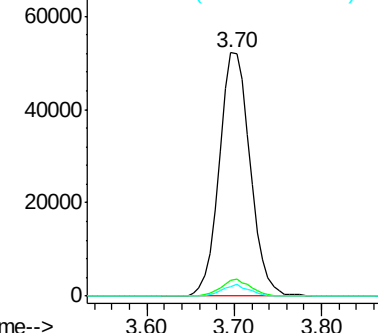
100 4.1 2.0 6.0

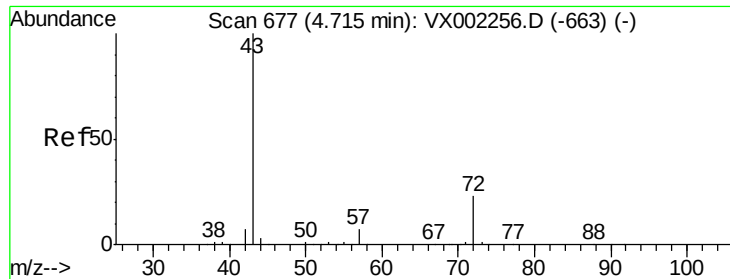


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 91.46 ug/l

RT: 4.70 min Scan# 675

Delta R.T. -0.01 min

Lab File: VX002345.D

Acq: 06 Jun 2018 11:48

Instrument :

MSVOA_X

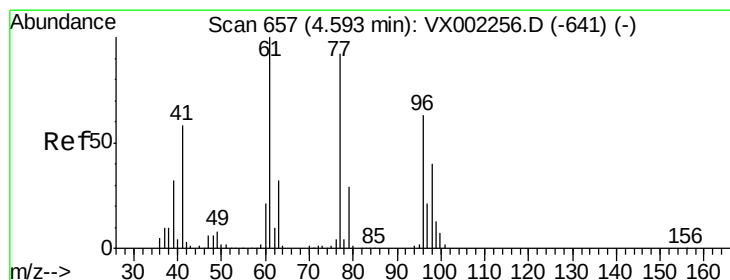
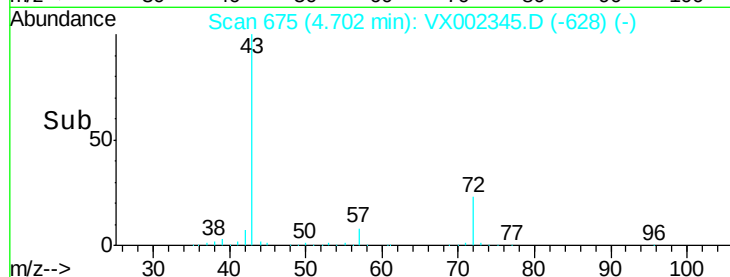
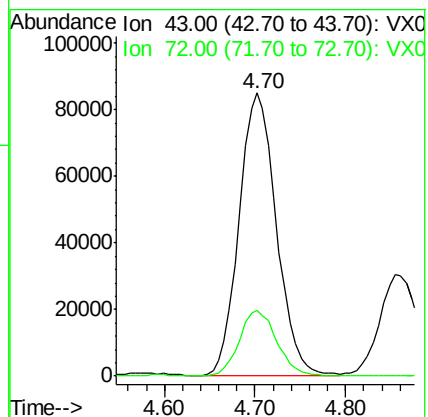
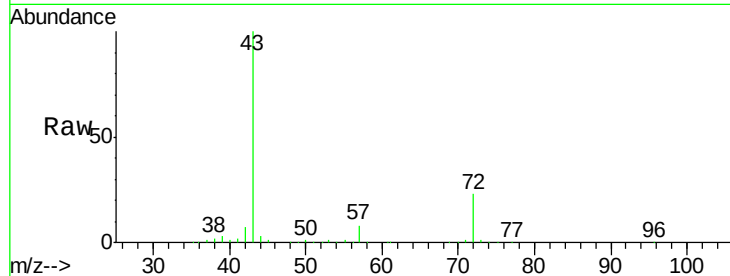
ClientSampleId :

Tot Ion: 43 Resp: 241994

Ion Ratio Lower Upper

43 100

72 23.1 18.5 27.7



#26

2,2-Dichloropropane

Concen: 18.05 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX002345.D

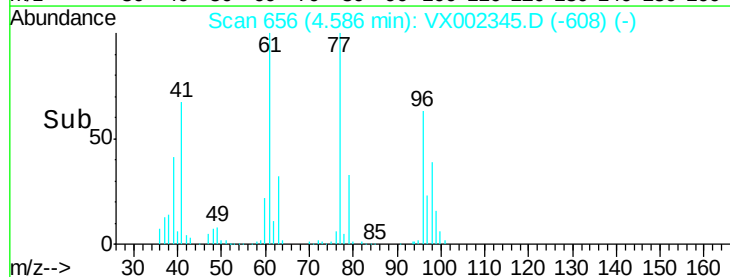
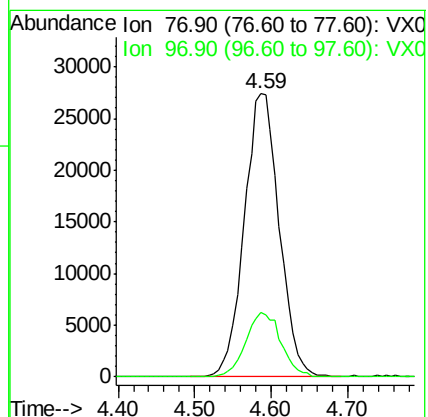
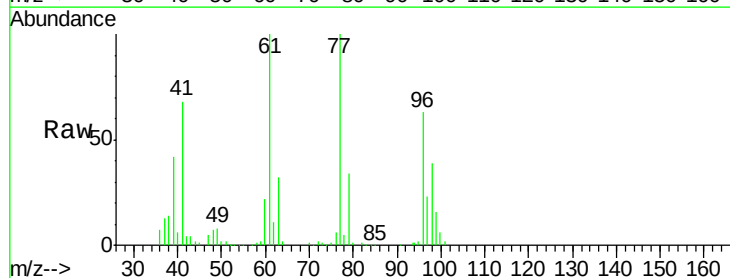
Acq: 06 Jun 2018 11:48

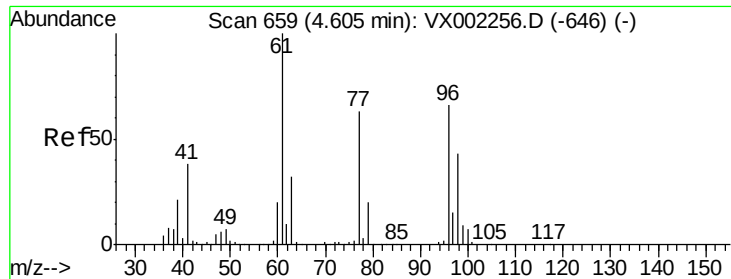
Tgt Ion: 77 Resp: 86936

Ion Ratio Lower Upper

77 100

97 23.1 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 18.64 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.01 min

Lab File: VX002345.D

Acq: 06 Jun 2018 11:48

Instrument :
MSVOA_X
ClientSampleId :

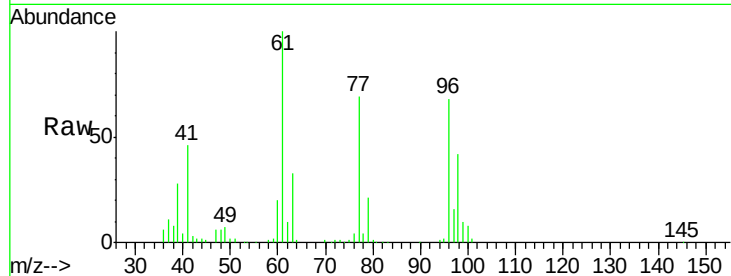
Tot Ion: 96 Resp: 64229

Ion Ratio Lower Upper

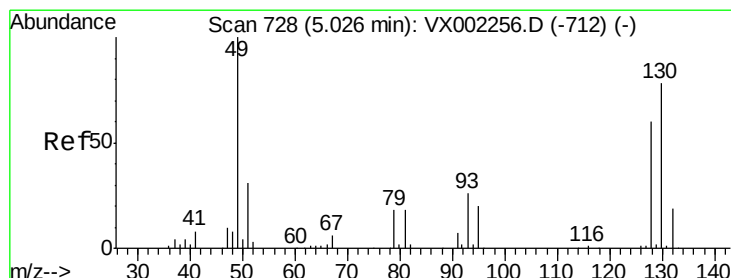
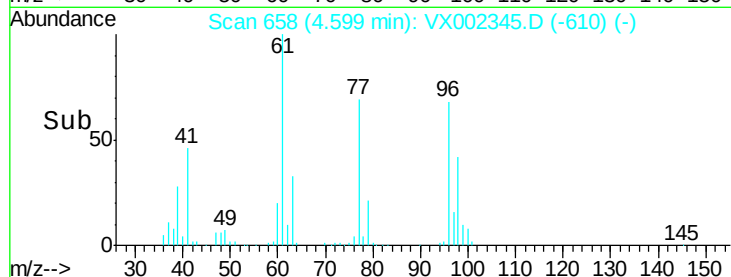
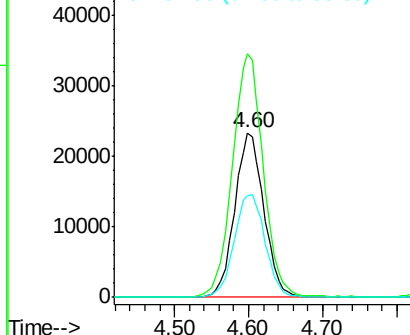
96 100

61 156.3 0.0 330.2

98 66.1 0.0 130.2



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



#28

Bromochloromethane

Concen: 19.65 ug/l

RT: 5.02 min Scan# 727

Delta R.T. -0.01 min

Lab File: VX002345.D

Acq: 06 Jun 2018 11:48

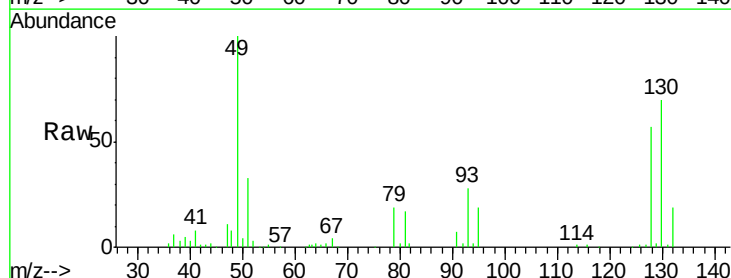
Tgt Ion: 49 Resp: 57147

Ion Ratio Lower Upper

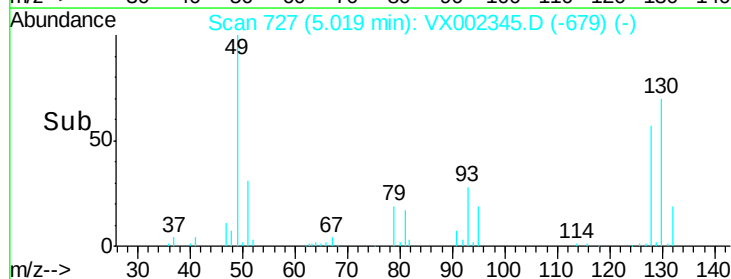
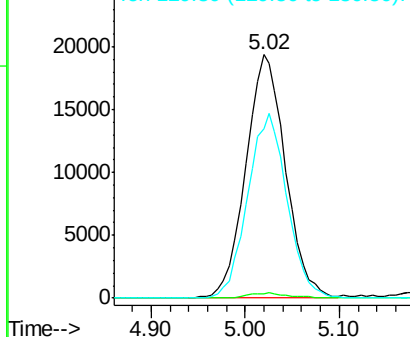
49 100

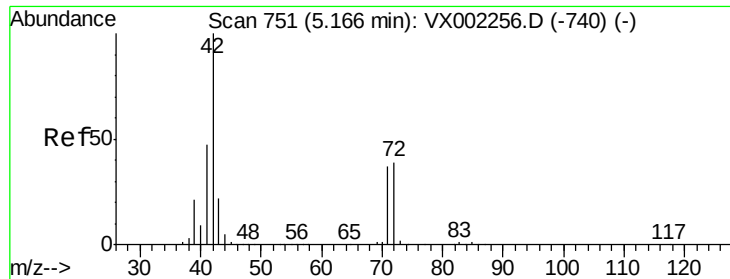
129 2.1 0.0 4.2

130 74.9 61.2 91.8



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 86.73 ug/l

RT: 5.16 min Scan# 750

Delta R.T. -0.01 min

Lab File: VX002345.D

Acq: 06 Jun 2018 11:48

Instrument :

MSVOA_X

ClientSampleId :

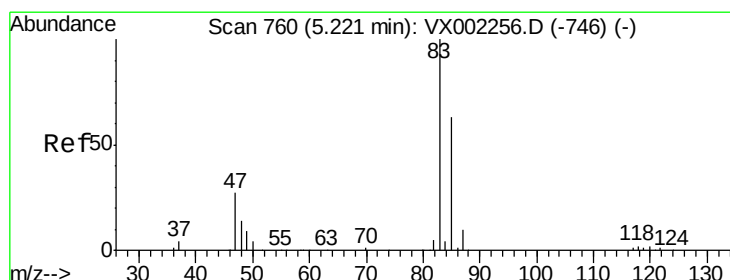
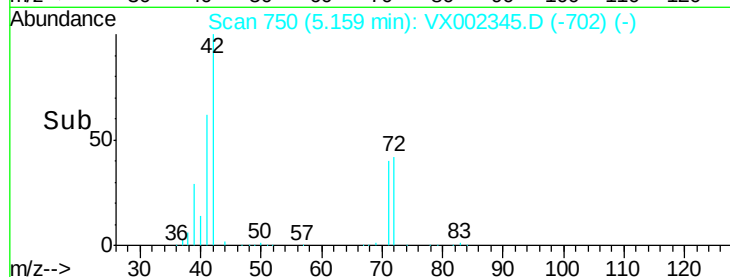
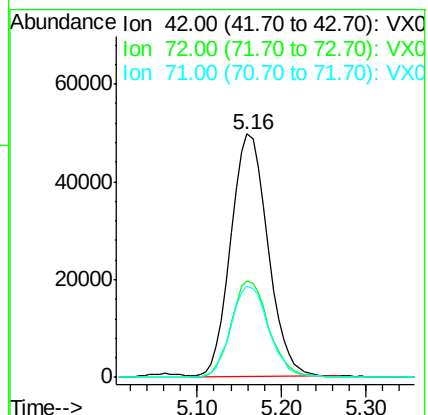
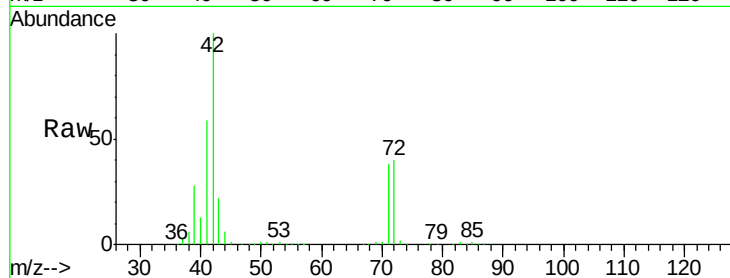
Tot Ion: 42 Resp: 147957

Ion Ratio Lower Upper

42 100

72 40.7 32.0 48.0

71 38.6 30.1 45.1



#30

Chloroform

Concen: 19.12 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX002345.D

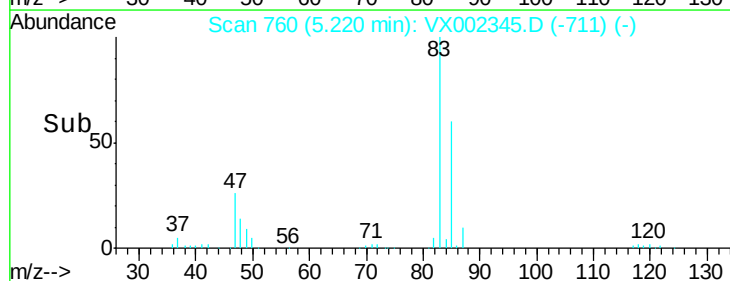
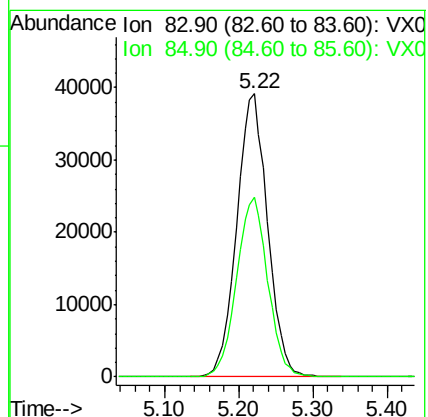
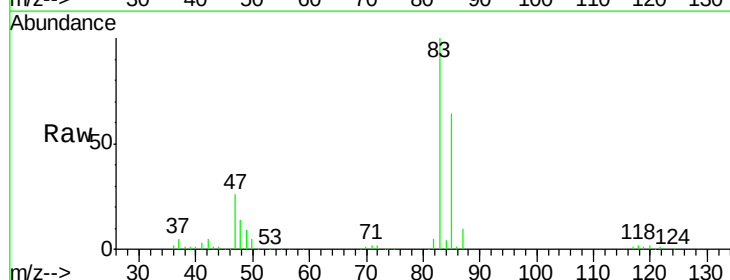
Acq: 06 Jun 2018 11:48

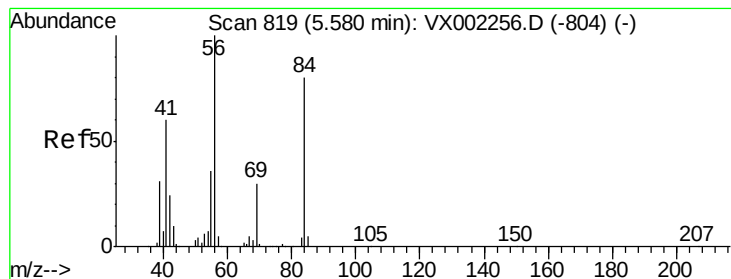
Tgt Ion: 83 Resp: 113702

Ion Ratio Lower Upper

83 100

85 63.6 50.4 75.6





#31

Cyclohexane

Concen: 20.96 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX002345.D

Acq: 06 Jun 2018 11:48

Instrument :

MSVOA_X

ClientSampleId :

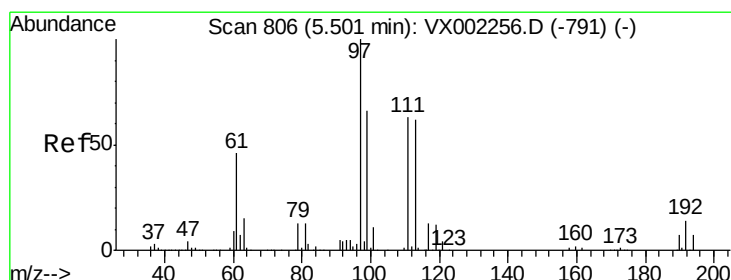
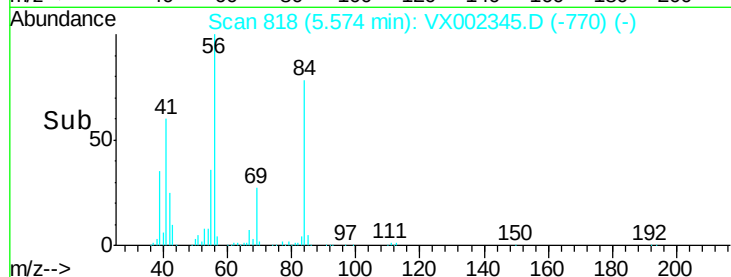
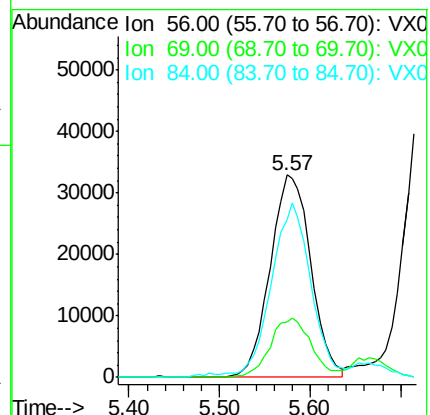
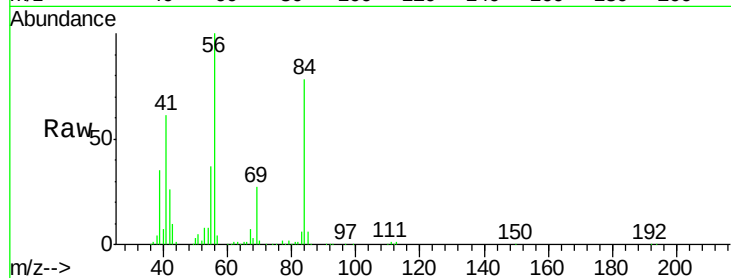
Tot Ion: 56 Resp: 102105

Ion Ratio Lower Upper

56 100

69 27.3 23.7 35.5

84 77.6 64.1 96.1



#32

1,1,1-Trichloroethane

Concen: 19.19 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX002345.D

Acq: 06 Jun 2018 11:48

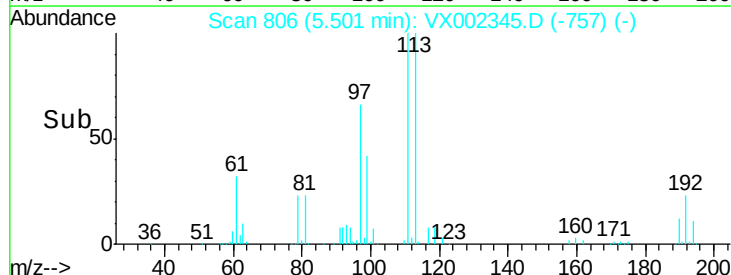
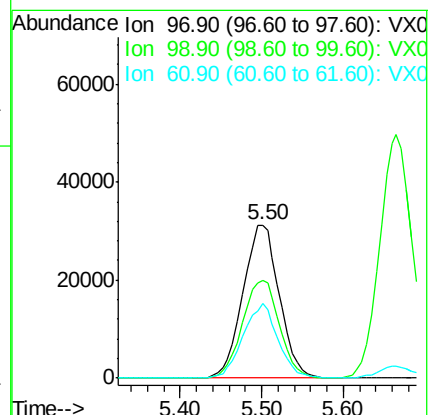
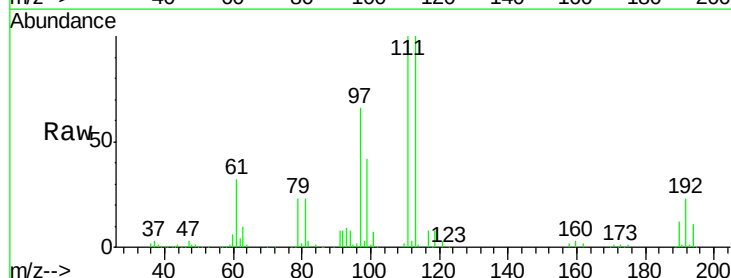
Tgt Ion: 97 Resp: 96743

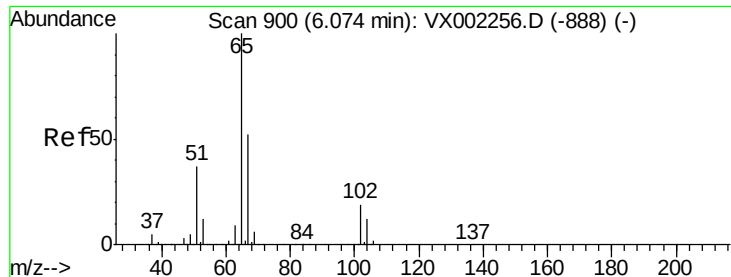
Ion Ratio Lower Upper

97 100

99 65.0 51.6 77.4

61 47.0 36.4 54.6

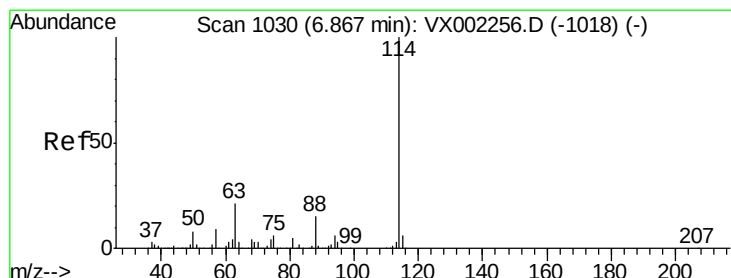
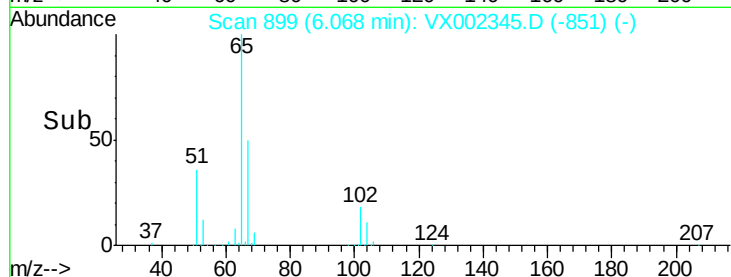
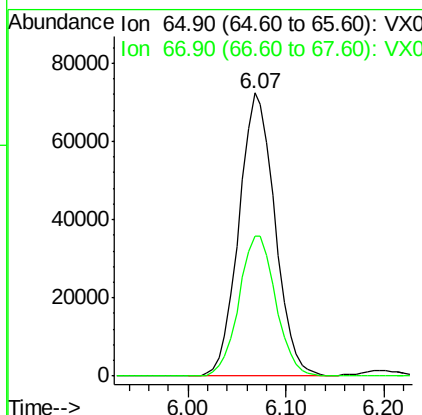
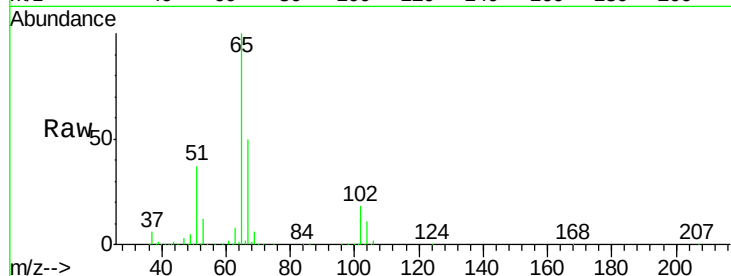




#33
 1,2-Dichloroethane-d4
 Concen: 47.73 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VX002345.D
 Acq: 06 Jun 2018 11:48

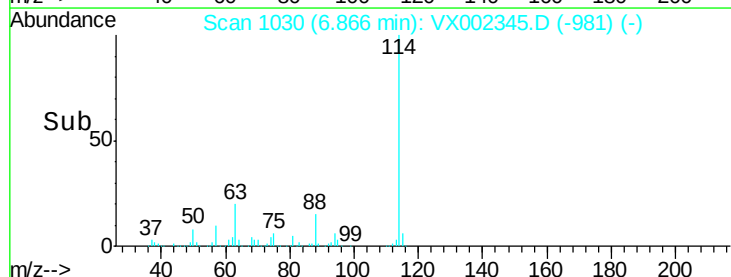
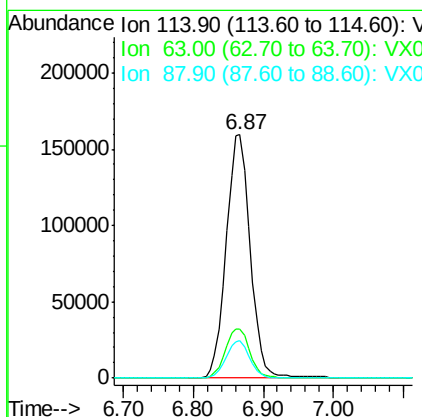
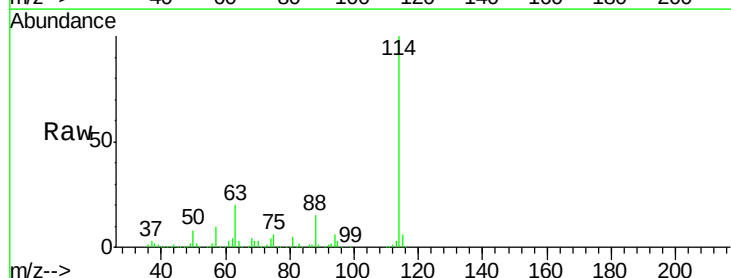
Instrument :
 MSVOA_X
 ClientSampleId :

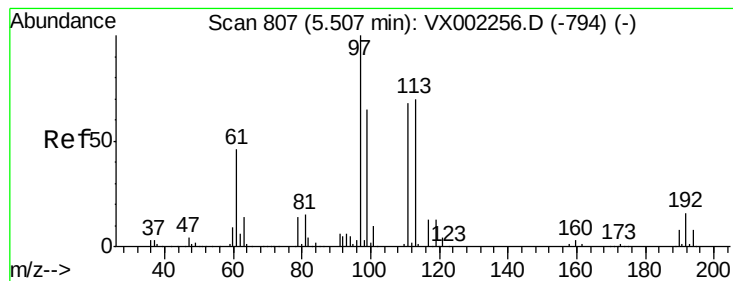
Tot Ion: 65 Resp: 184777
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002345.D
 Acq: 06 Jun 2018 11:48

Tgt Ion: 114 Resp: 381751
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 41.4
 88 15.4 0.0 30.0





#35

Dibromofluoromethane

Concen: 45.97 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002345.D

Acq: 06 Jun 2018 11:48

Instrument :

MSVOA_X

ClientSampleId :

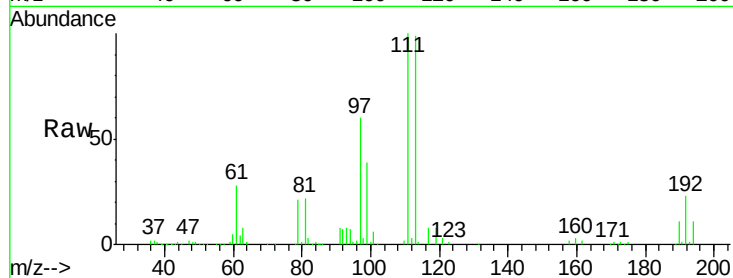
Tot Ion:113 Resp: 137996

Ion Ratio Lower Upper

113 100

111 101.8 81.4 122.0

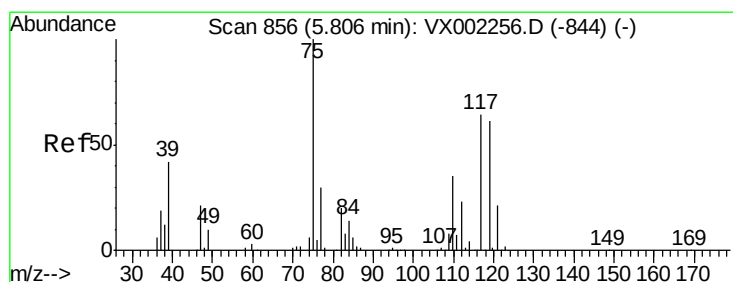
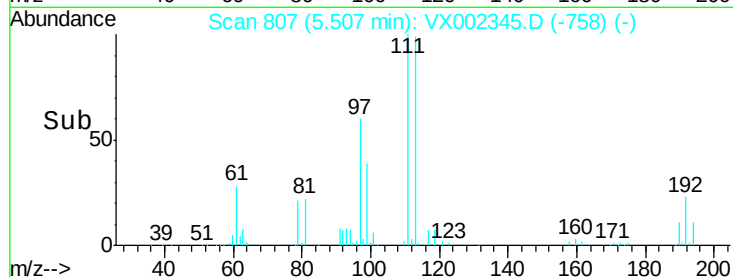
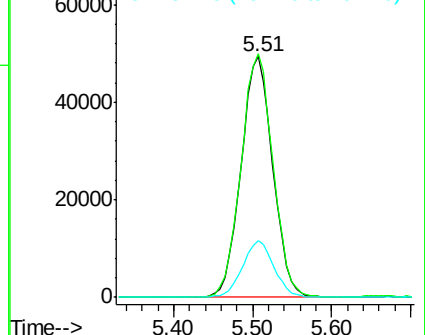
192 23.2 19.1 28.7



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: 20.96 ug/l

RT: 5.80 min Scan# 856

Delta R.T. -0.01 min

Lab File: VX002345.D

Acq: 06 Jun 2018 11:48

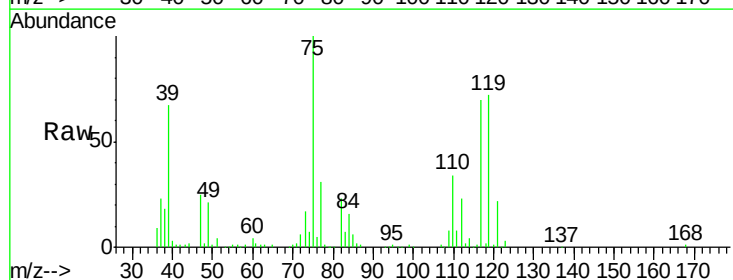
Tgt Ion: 75 Resp: 84131

Ion Ratio Lower Upper

75 100

110 36.0 18.1 54.4

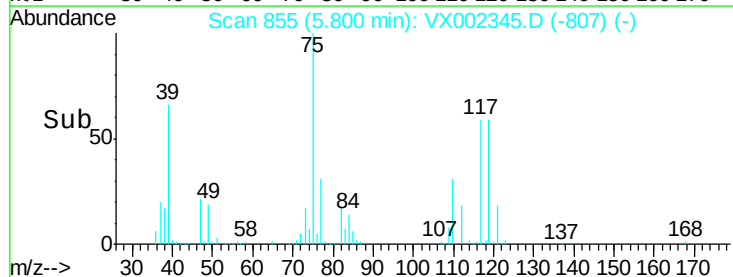
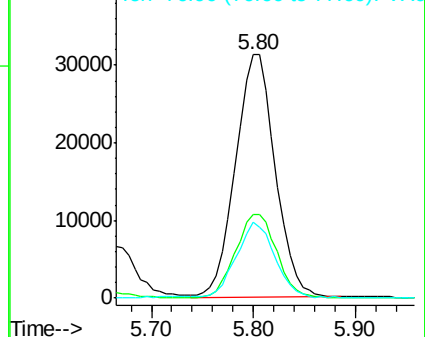
77 30.6 24.3 36.5

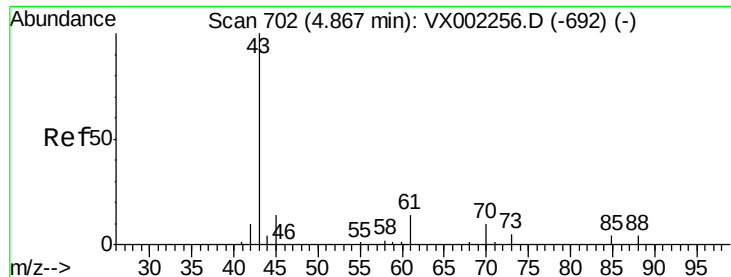


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

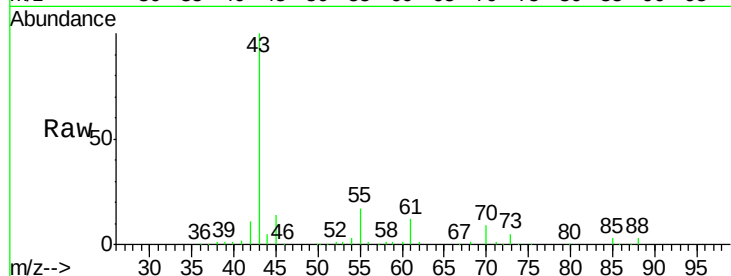




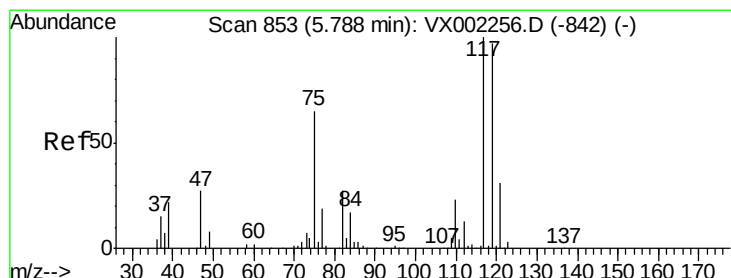
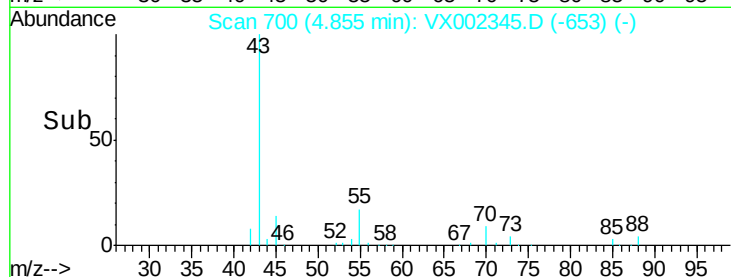
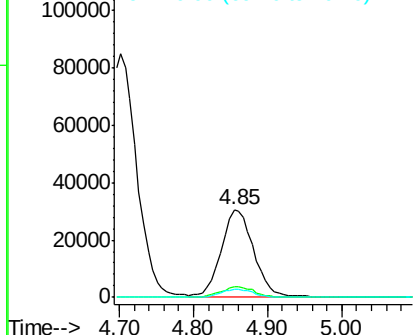
#37
Ethyl Acetate
Concen: 19.06 ug/l
RT: 4.85 min Scan# 700
Delta R.T. -0.01 min
Lab File: VX002345.D
Acq: 06 Jun 2018 11:48

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 92011
Ion Ratio Lower Upper
43 100
61 12.9 10.4 15.6
70 9.4 7.6 11.4

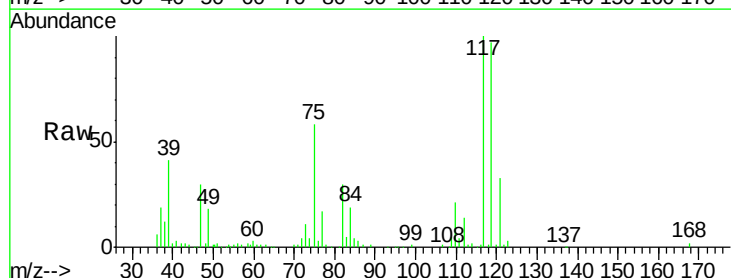


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

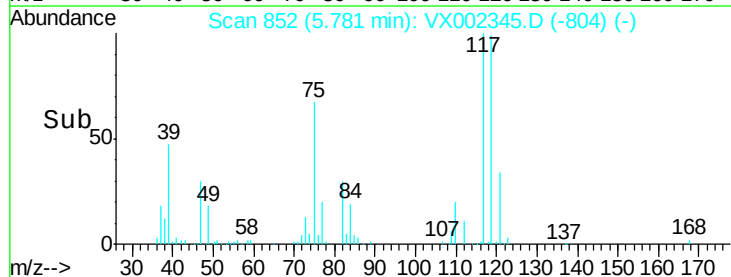
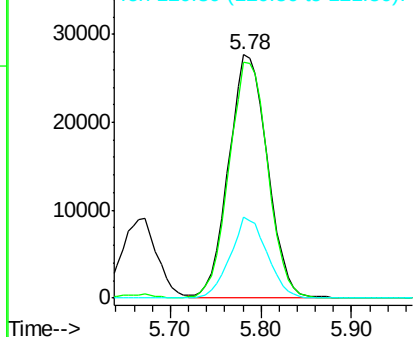


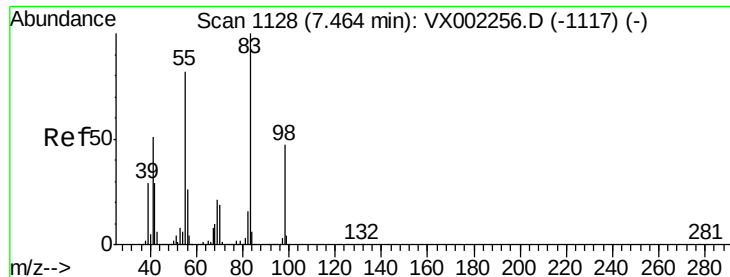
#38
Carbon Tetrachloride
Concen: 19.59 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX002345.D
Acq: 06 Jun 2018 11:48

Tgt Ion: 117 Resp: 82251
Ion Ratio Lower Upper
117 100
119 97.0 77.4 116.0
121 33.3 24.4 36.6



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

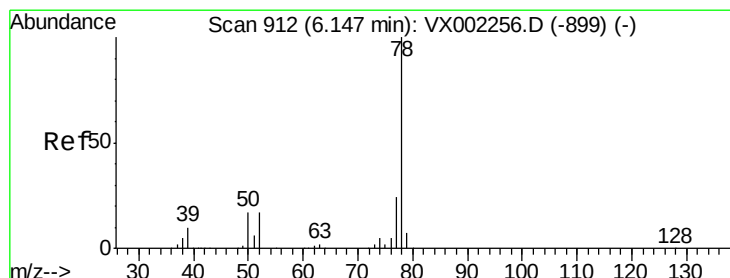
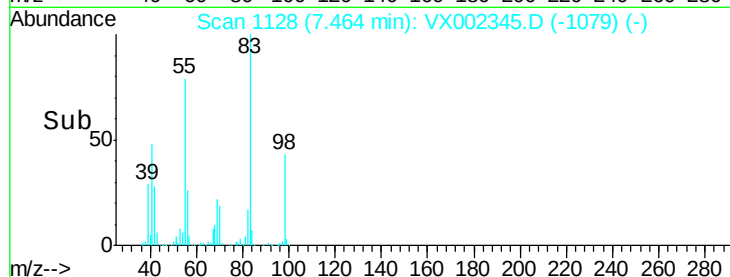
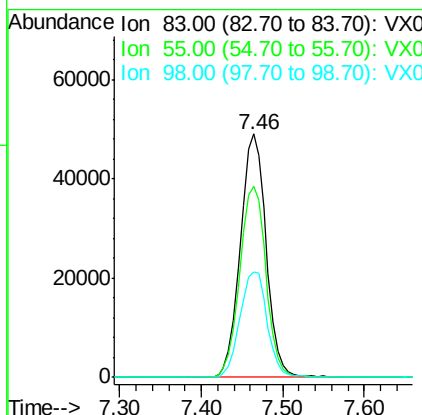
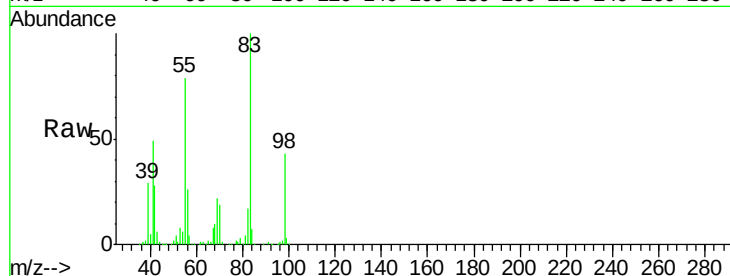




#39
Methylvlcyclohexane
Concen: 21.81 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002345.D
Acq: 06 Jun 2018 11:48

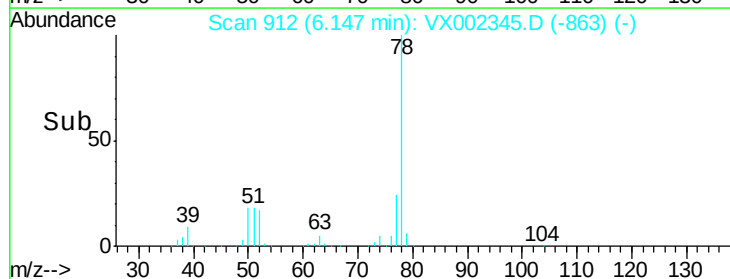
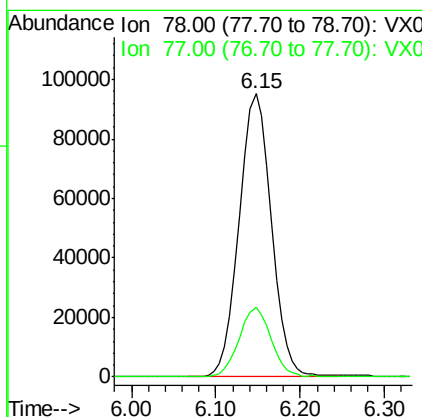
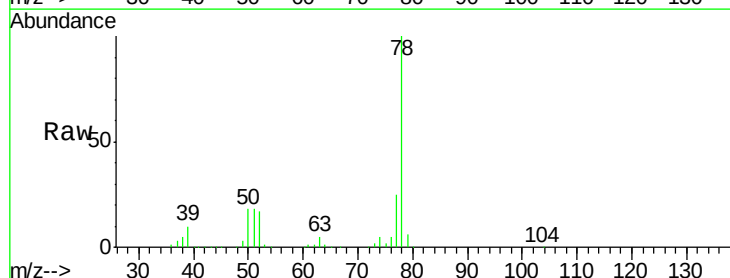
Instrument :
MSVOA_X
ClientSampleId :

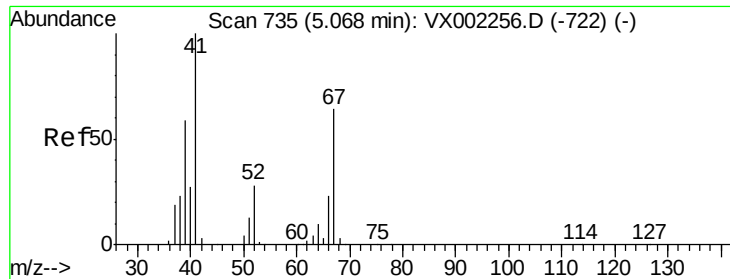
Tot Ion	83	Resp	107379
Ion Ratio	Lower	Upper	
83	100		
55	78.6	65.4	98.0
98	43.2	37.4	56.0



#40
Benzene
Concen: 20.10 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002345.D
Acq: 06 Jun 2018 11:48

Tgt Ion	78	Resp	247369
Ion Ratio	Lower	Upper	
78	100		
77	24.7	19.1	28.7

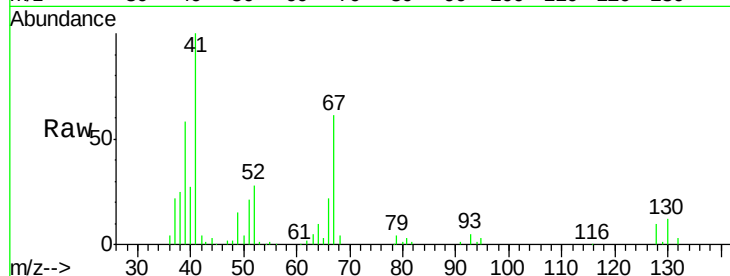




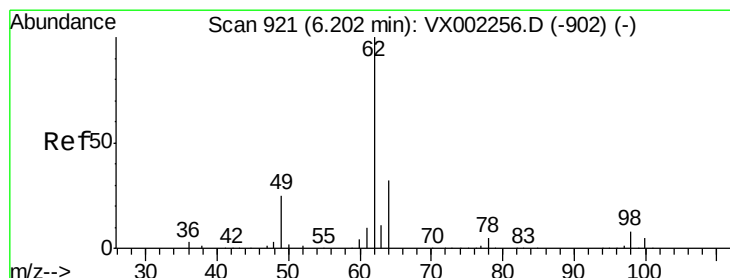
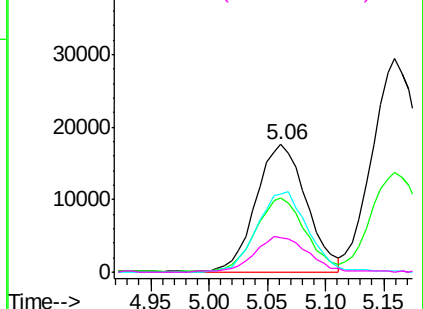
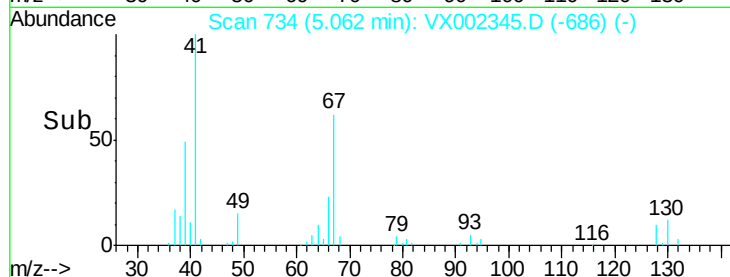
#41
Methacrylonitrile
Concen: 19.03 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX002345.D
Acq: 06 Jun 2018 11:48

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	52589
Ion	Ratio	Lower	Upper
41	100		
39	57.1	45.8	68.6
67	64.5	51.3	76.9
52	29.8	23.0	34.6

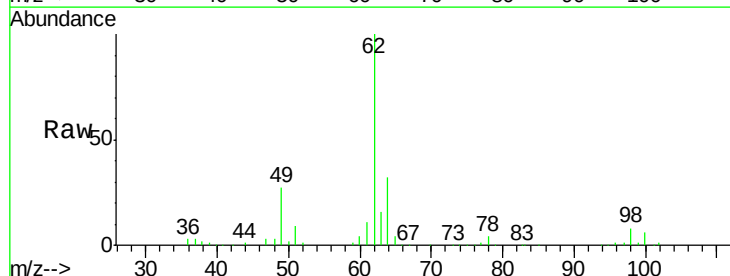


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

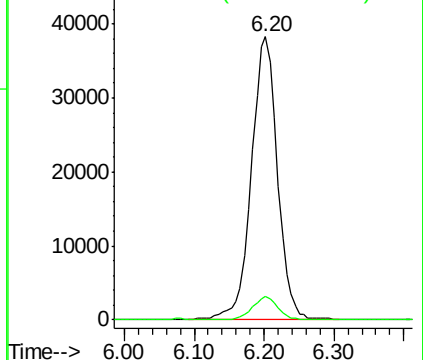
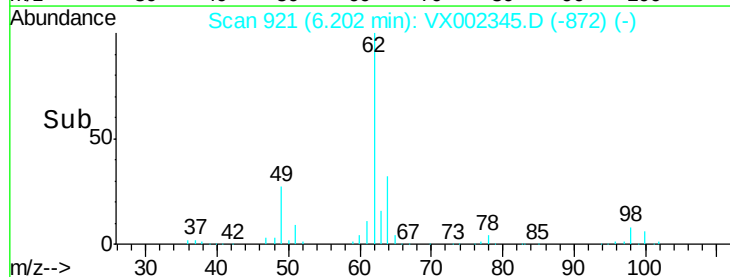


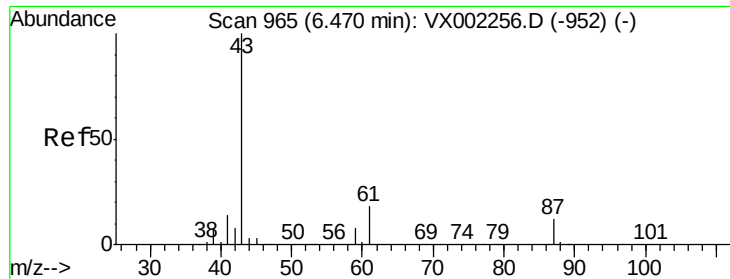
#42
1,2-Dichloroethane
Concen: 20.09 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX002345.D
Acq: 06 Jun 2018 11:48

Tgt Ion:	62	Resp:	98236
Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	16.6



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 18.55 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.01 min

Lab File: VX002345.D

Acq: 06 Jun 2018 11:48

Instrument :

MSVOA_X

ClientSampleId :

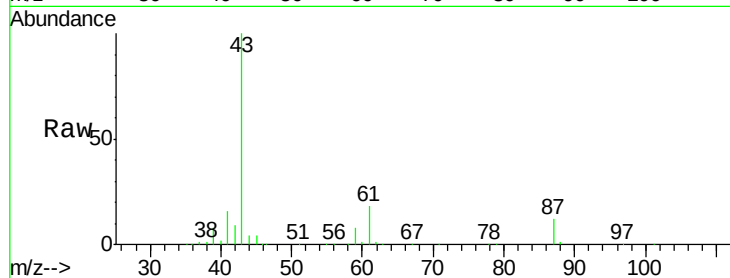
Tot Ion: 43 Resp: 152079

Ion Ratio Lower Upper

43 100

61 17.9 14.4 21.6

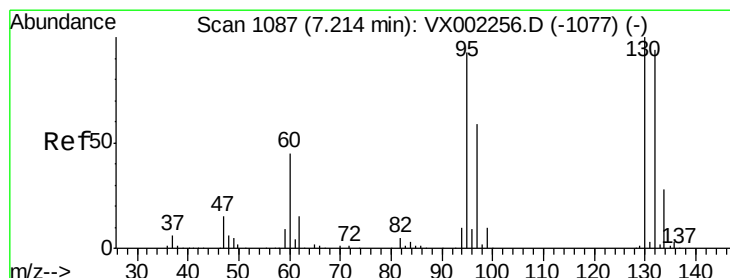
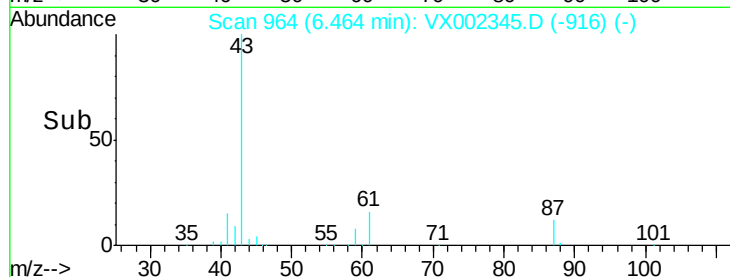
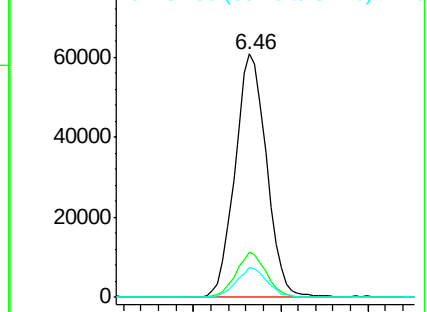
87 12.0 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 20.75 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX002345.D

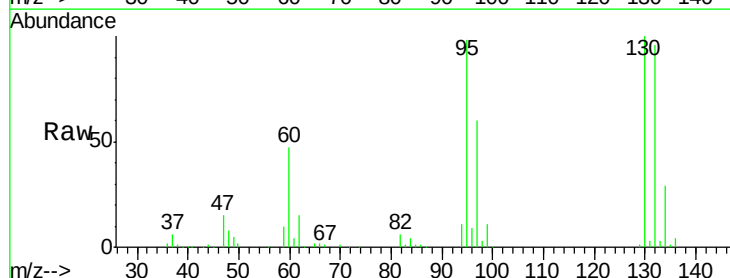
Acq: 06 Jun 2018 11:48

Tgt Ion:130 Resp: 70851

Ion Ratio Lower Upper

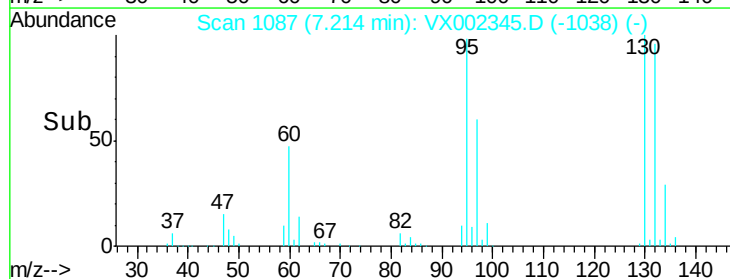
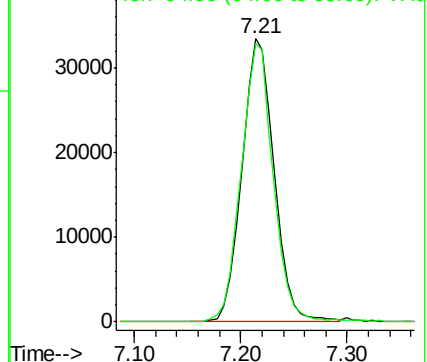
130 100

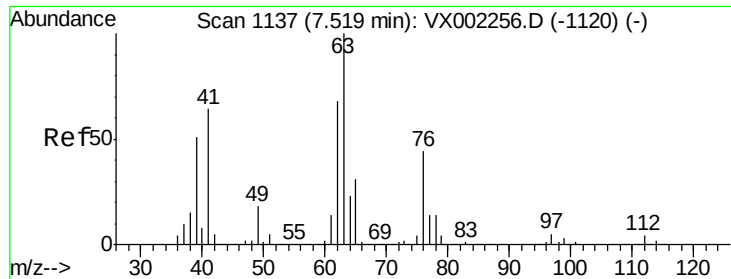
95 98.1 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

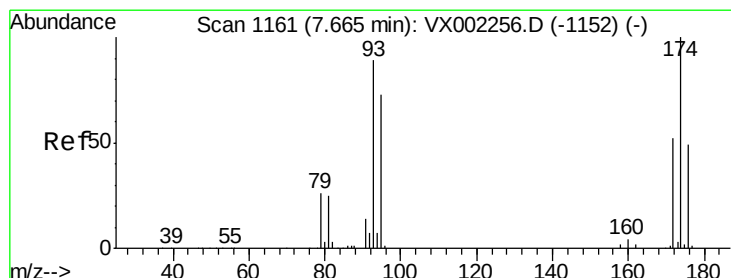
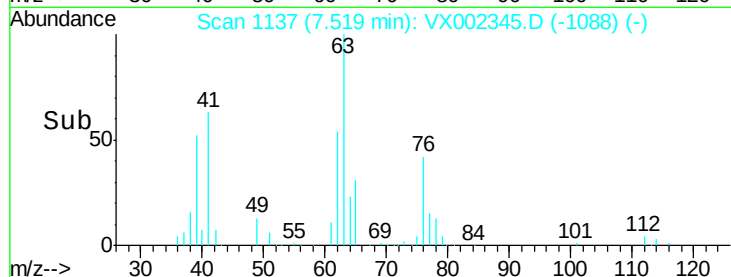
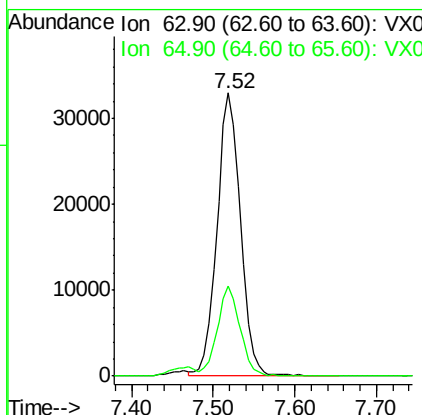
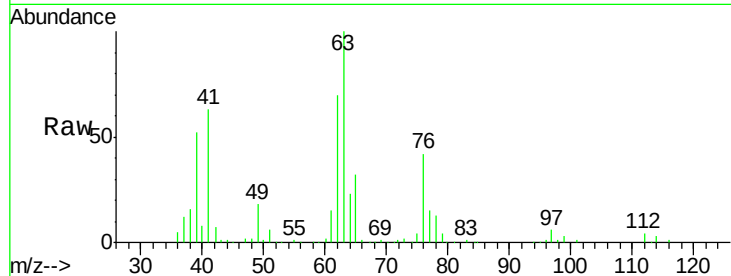




#45
 1,2-Dichloropropane
 Concen: 19.92 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX002345.D
 Acq: 06 Jun 2018 11:48

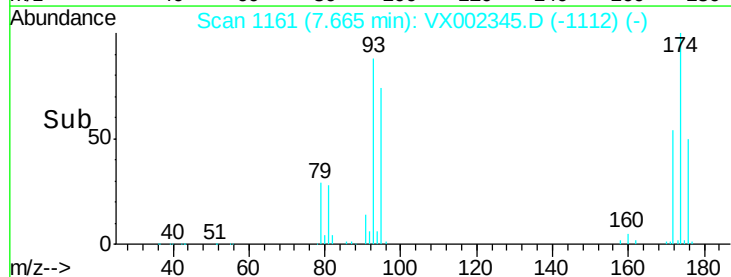
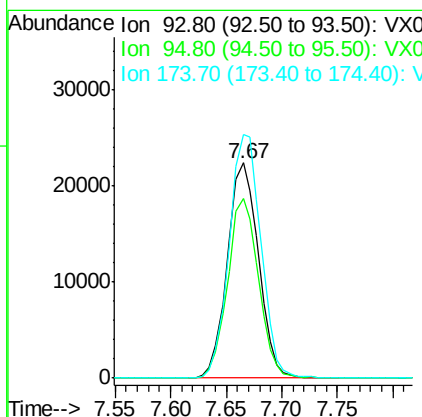
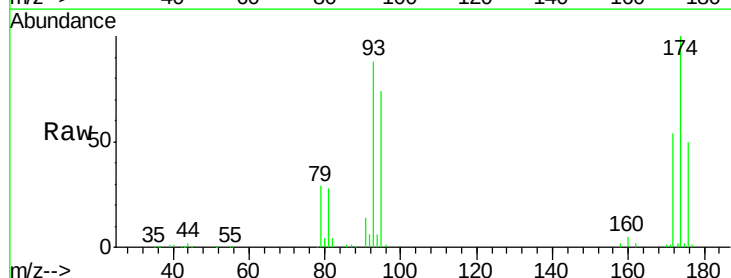
Instrument :
 MSVOA_X
 ClientSampleId :

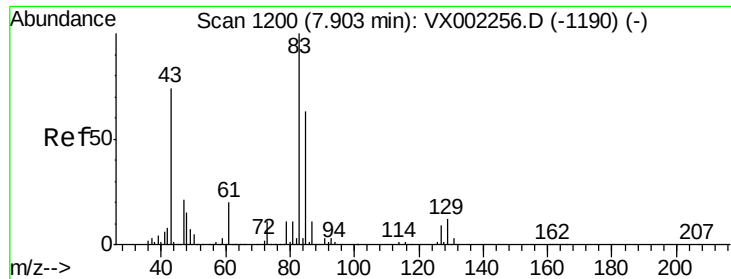
Tot Ion: 63 Resp: 66189
 Ion Ratio Lower Upper
 63 100
 65 31.9 24.7 37.1



#46
 Dibromomethane
 Concen: 19.27 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX002345.D
 Acq: 06 Jun 2018 11:48

Tgt Ion: 93 Resp: 43395
 Ion Ratio Lower Upper
 93 100
 95 83.2 65.9 98.9
 174 115.8 92.4 138.6





#47

Bromodichloromethane

Concen: 19.15 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002345.D

Acq: 06 Jun 2018 11:48

Instrument :
MSVOA_X
ClientSampled :

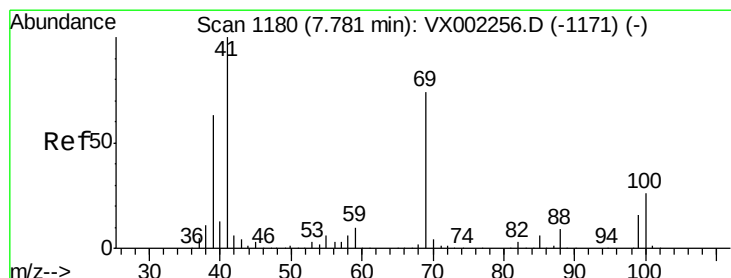
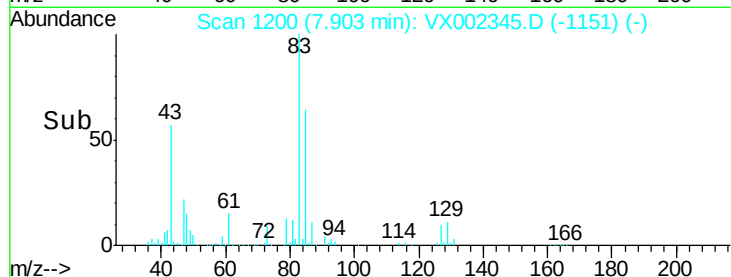
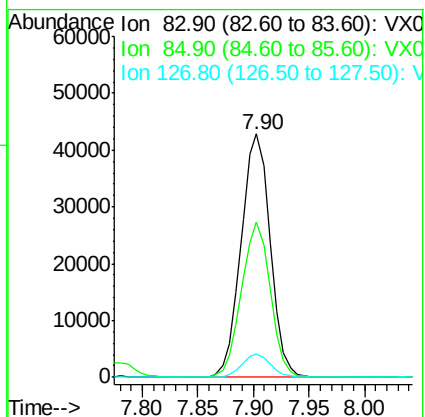
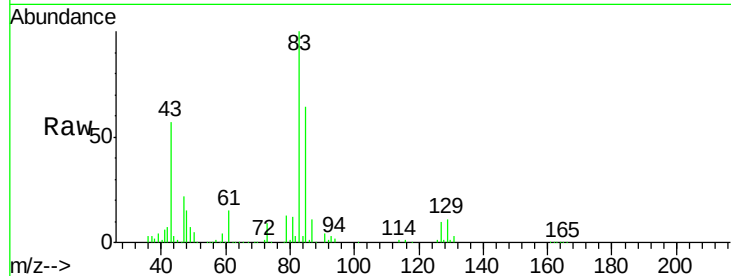
Tot Ion: 83 Resp: 78002

Ion Ratio Lower Upper

83 100

85 63.6 50.3 75.5

127 9.9 7.0 10.4



#48

Methyl methacrylate

Concen: 19.17 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VX002345.D

Acq: 06 Jun 2018 11:48

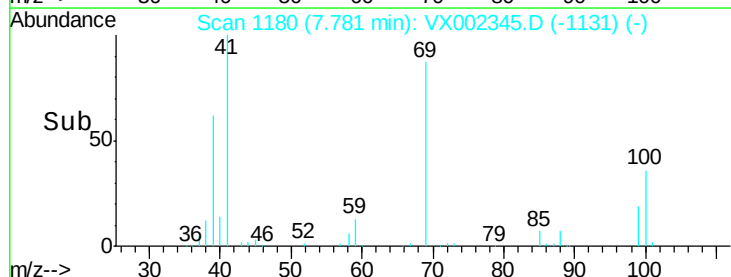
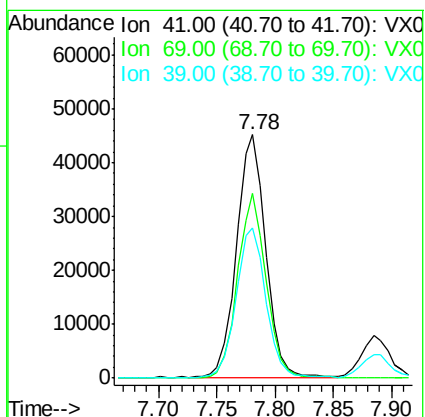
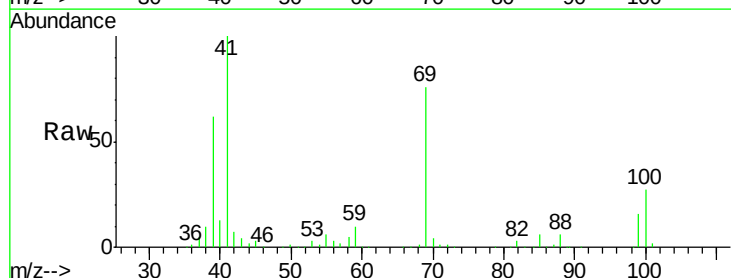
Tgt Ion: 41 Resp: 78922

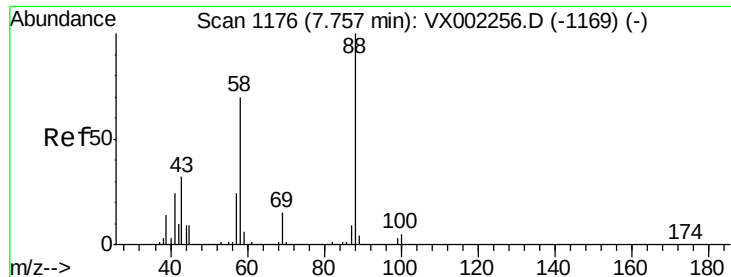
Ion Ratio Lower Upper

41 100

69 74.7 59.1 88.7

39 62.7 48.9 73.3





#49

1,4-Dioxane

Concen: 375.29 ug/l

RT: 7.76 min Scan# 1176

Delta R.T. -0.00 min

Lab File: VX002345.D

Acq: 06 Jun 2018 11:48

Instrument :
MSVOA_X
ClientSampleId :

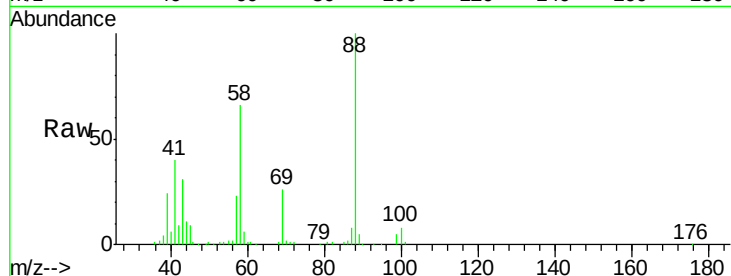
Tot Ion: 88 Resp: 28895

Ion Ratio Lower Upper

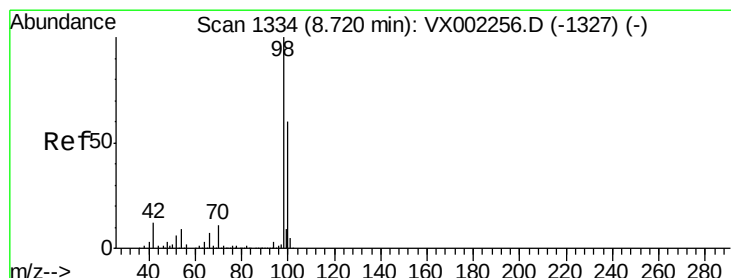
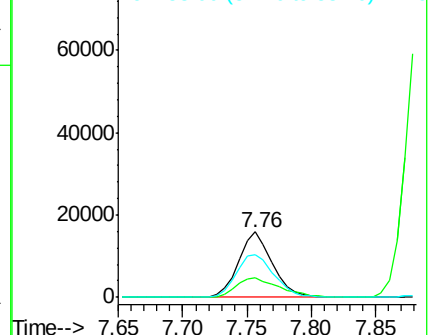
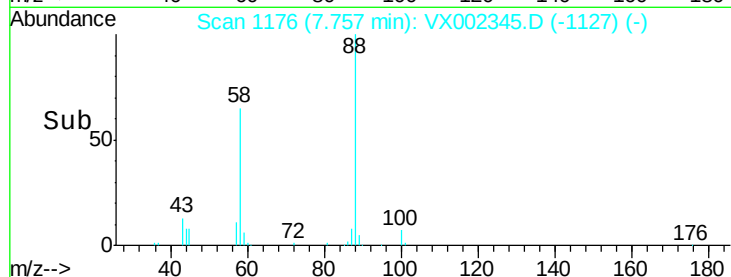
88 100

43 37.9 29.8 44.6

58 73.1 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: 47.46 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX002345.D

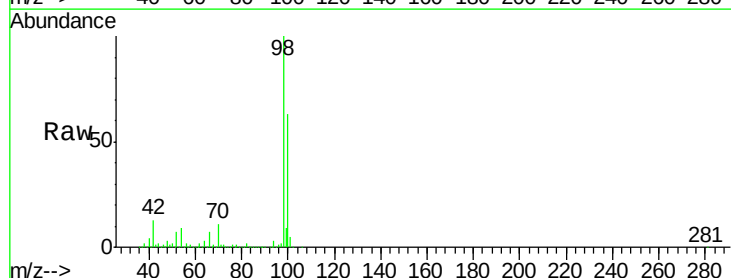
Acq: 06 Jun 2018 11:48

Tgt Ion: 98 Resp: 546121

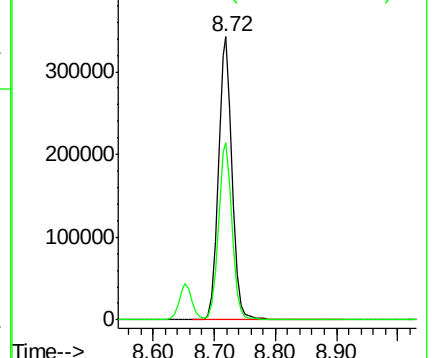
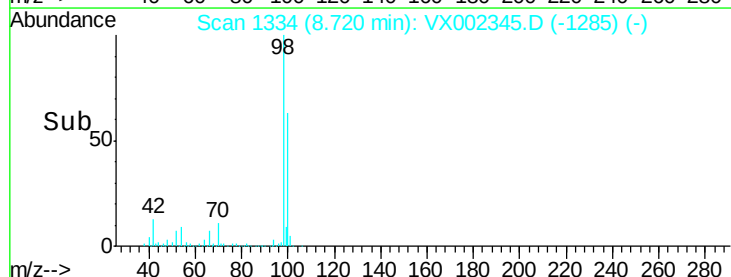
Ion Ratio Lower Upper

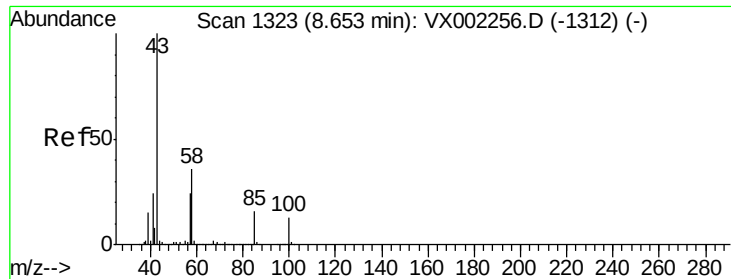
98 100

100 63.1 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0

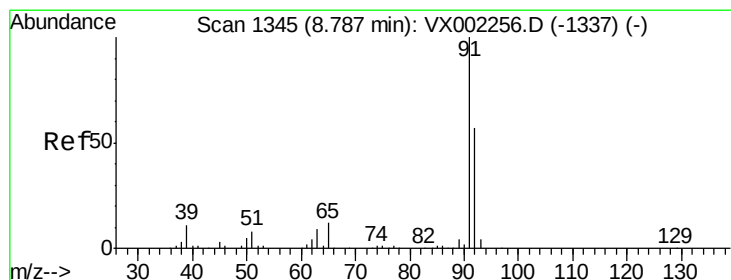
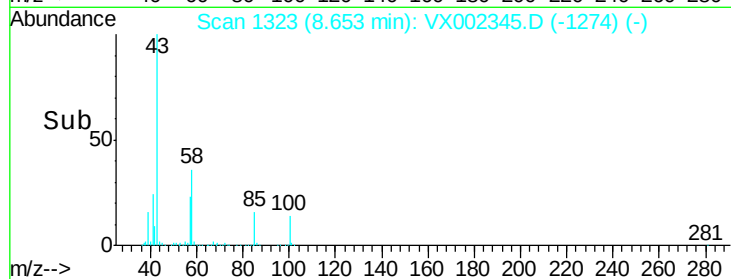
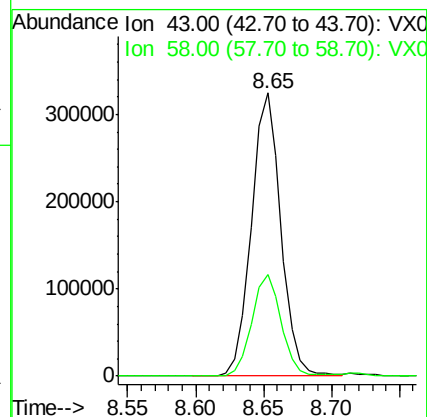
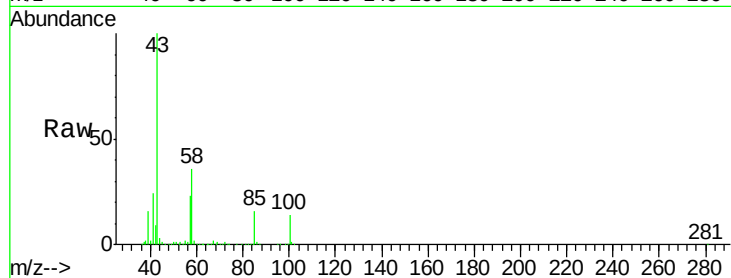




#51
 4-Methyl-2-Pentanone
 Concen: 96.59 ug/l
 RT: 8.65 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: VX002345.D
 Acq: 06 Jun 2018 11:48

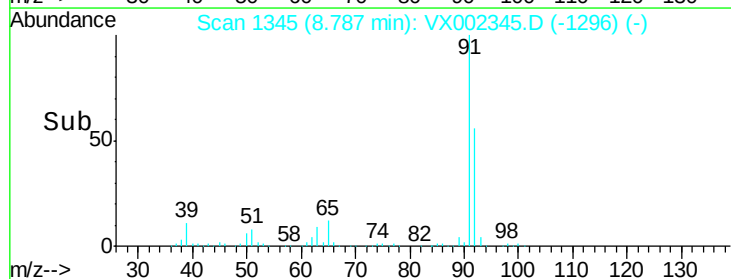
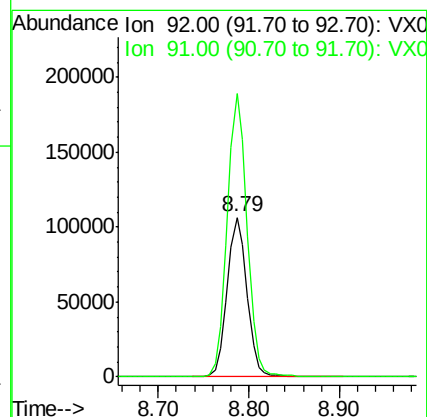
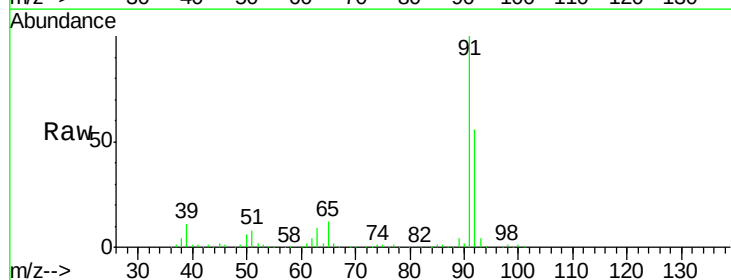
Instrument :
 MSVOA_X
 ClientSampleId :

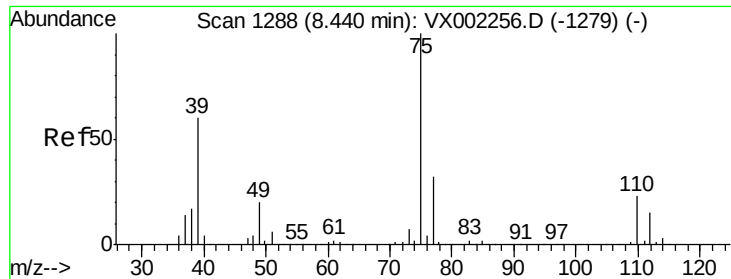
Tot Ion: 43 Resp: 493109
 Ion Ratio Lower Upper
 43 100
 58 35.7 28.6 42.8



#52
 Toluene
 Concen: 20.79 ug/l
 RT: 8.79 min Scan# 1345
 Delta R.T. -0.00 min
 Lab File: VX002345.D
 Acq: 06 Jun 2018 11:48

Tgt Ion: 92 Resp: 162741
 Ion Ratio Lower Upper
 92 100
 91 177.8 140.4 210.6

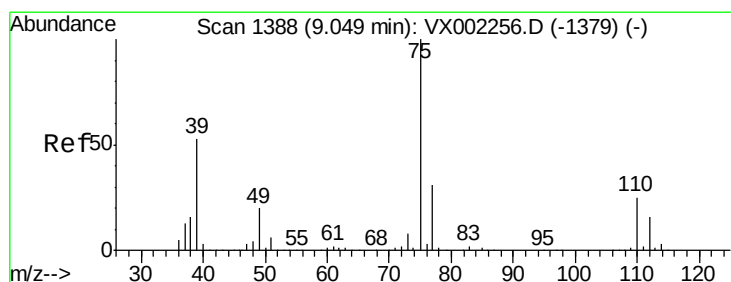
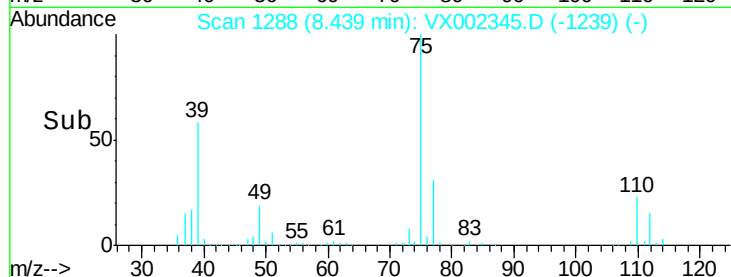
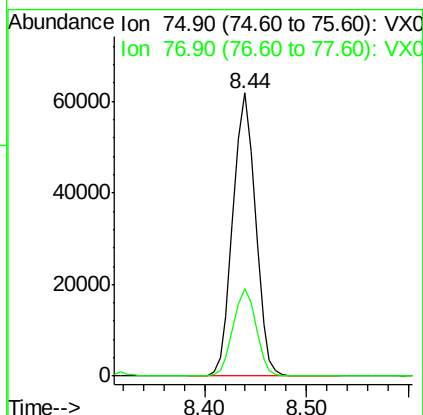
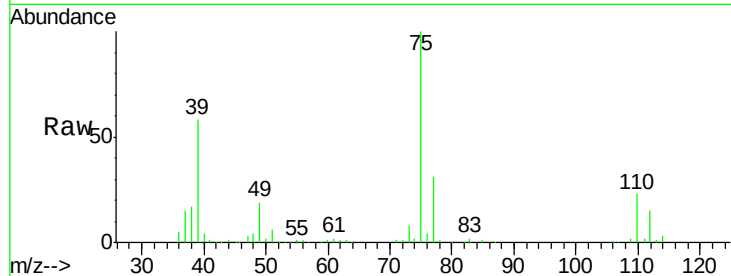




#53
t-1,3-Dichloropropene
Concen: 19.42 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX002345.D
Acq: 06 Jun 2018 11:48

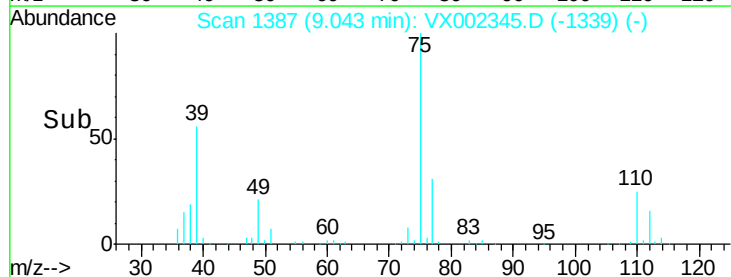
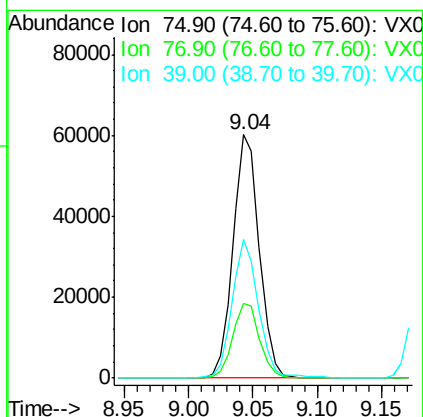
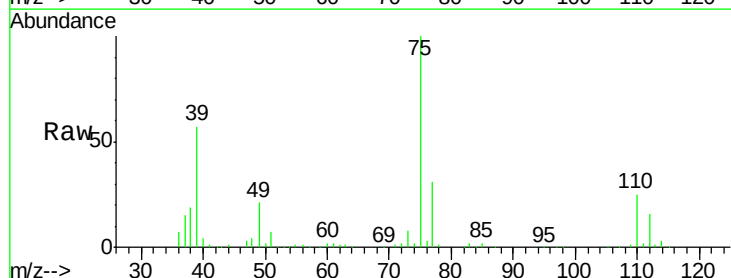
Instrument :
MSVOA_X
ClientSampleId :

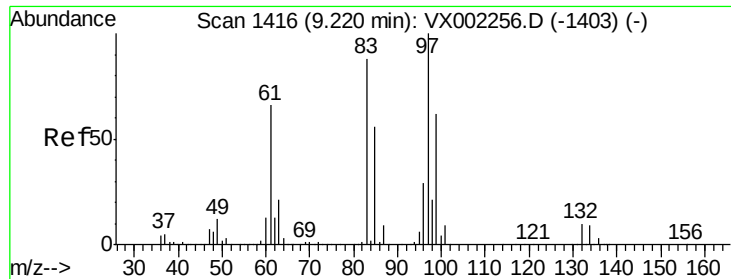
Tot Ion: 75 Resp: 94843
Ion Ratio Lower Upper
75 100
77 30.9 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 18.56 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. -0.01 min
Lab File: VX002345.D
Acq: 06 Jun 2018 11:48

Tgt Ion: 75 Resp: 85517
Ion Ratio Lower Upper
75 100
77 30.7 24.8 37.2
39 56.7 42.4 63.6

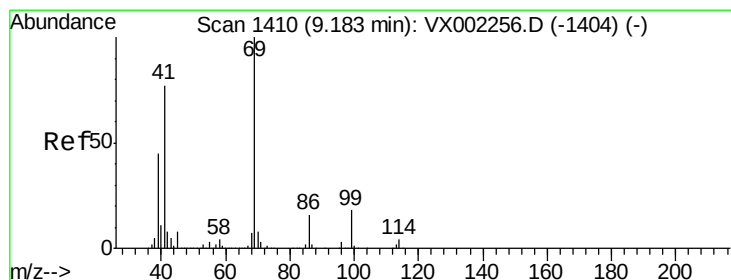
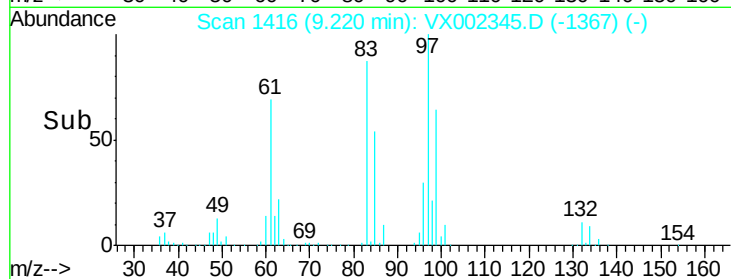
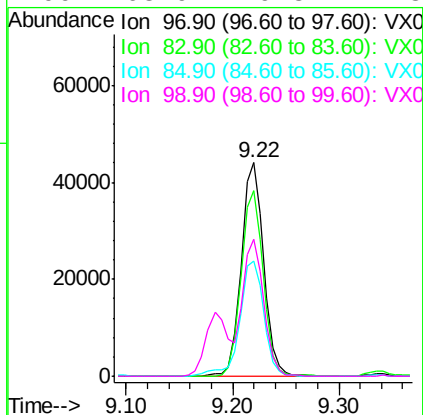
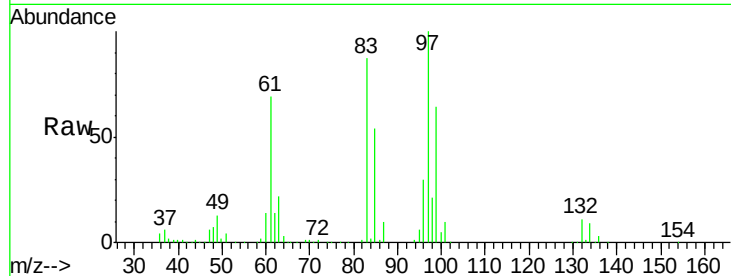




#55
 1,1,2-Trichloroethane
 Concen: 20.17 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002345.D
 Acq: 06 Jun 2018 11:48

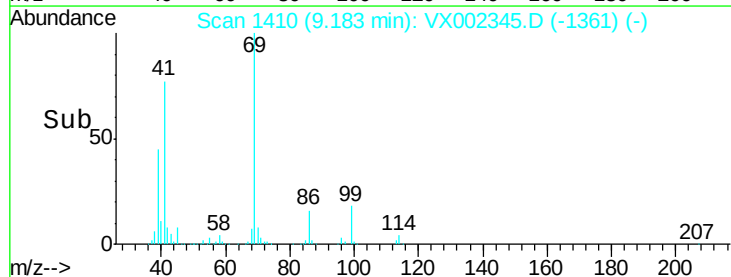
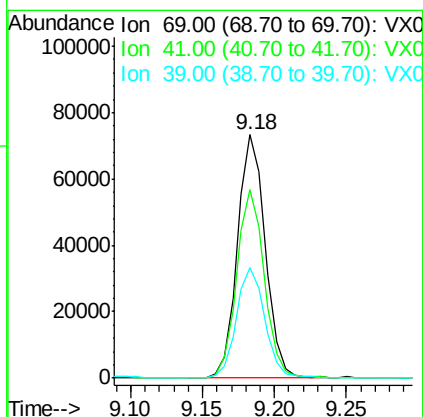
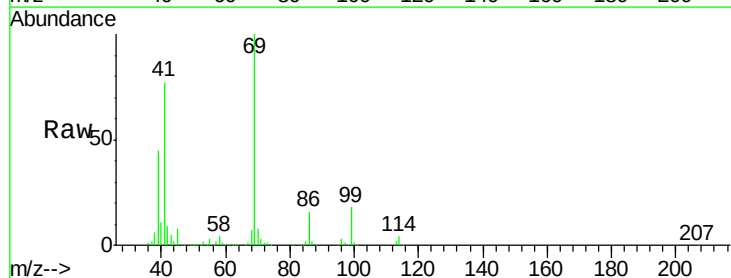
Instrument :
 MSVOA_X
 ClientSampleId :

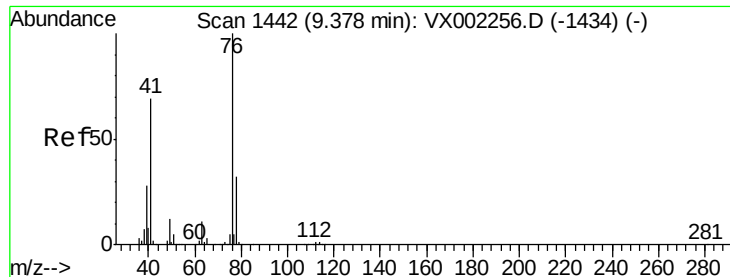
Tot Ion:	97	Resp:	64916
Ion	Ratio	Lower	Upper
97	100		
83	86.9	70.2	105.2
85	53.8	44.9	67.3
99	63.9	49.8	74.8



#56
 Ethyl methacrylate
 Concen: 19.22 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX002345.D
 Acq: 06 Jun 2018 11:48

Tgt Ion:	69	Resp:	98757
Ion	Ratio	Lower	Upper
69	100		
41	76.1	60.3	90.5
39	45.8	35.8	53.8





#57

1,3-Dichloropropane

Concen: 20.09 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VX002345.D

Acq: 06 Jun 2018 11:48

Instrument :

MSVOA_X

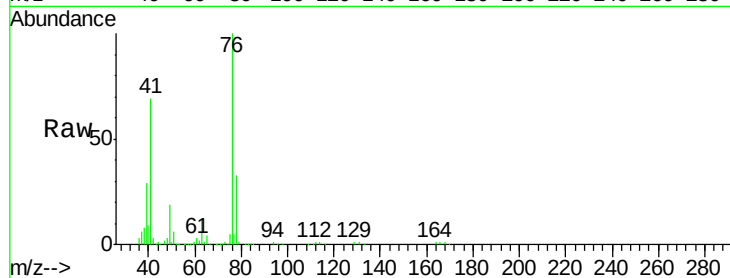
ClientSampled :

Tot Ion: 76 Resp: 108480

Ion Ratio Lower Upper

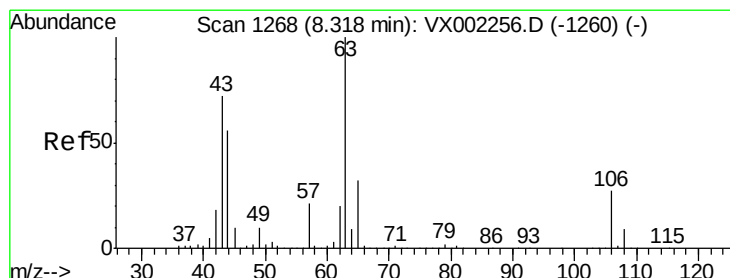
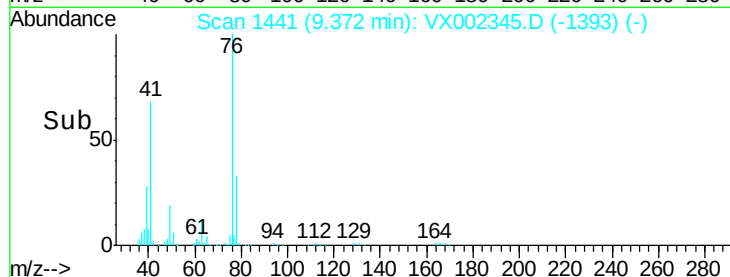
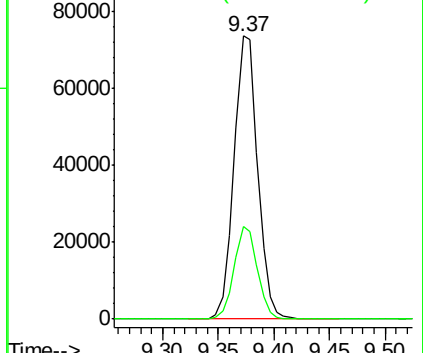
76 100

78 32.2 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: 103.55 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX002345.D

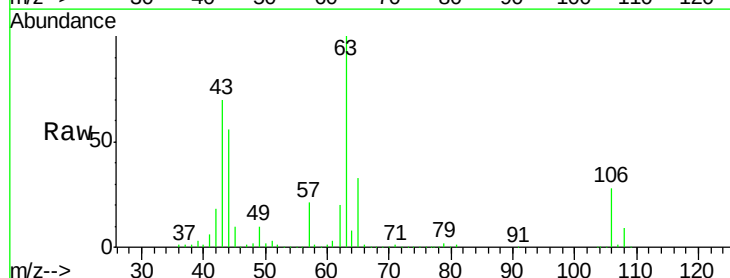
Acq: 06 Jun 2018 11:48

Tgt Ion: 63 Resp: 246301

Ion Ratio Lower Upper

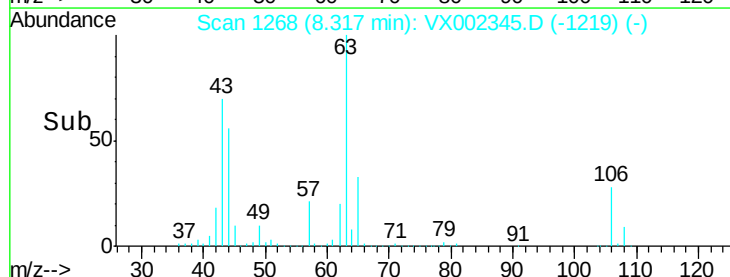
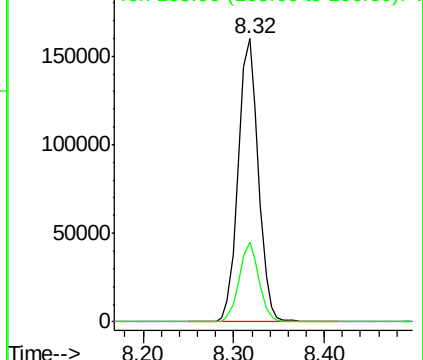
63 100

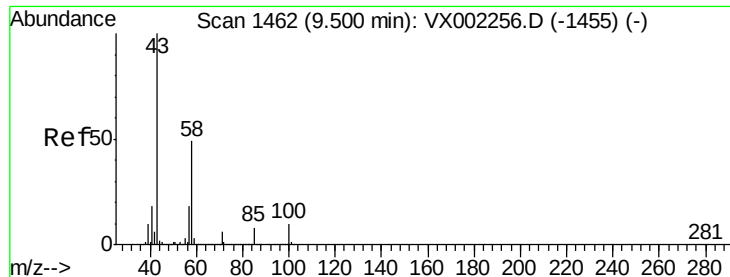
106 27.6 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

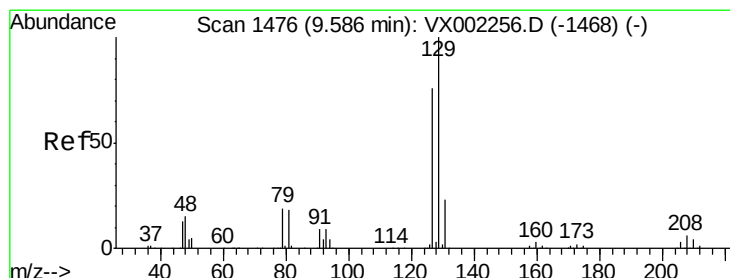
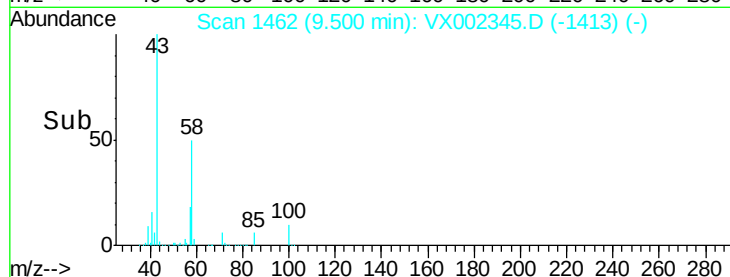
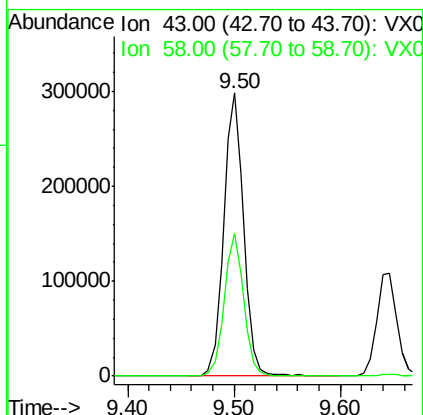
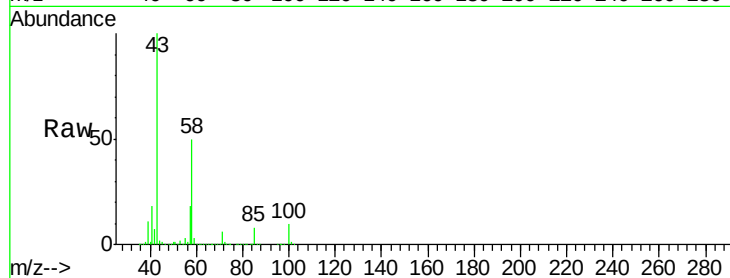




#59
2-Hexanone
Concen: 98.29 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002345.D
Acq: 06 Jun 2018 11:48

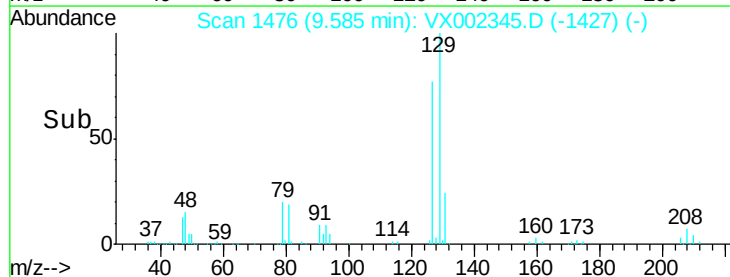
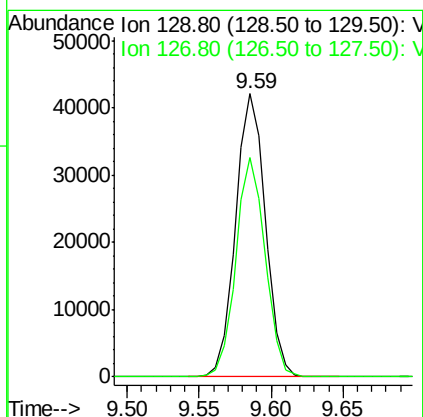
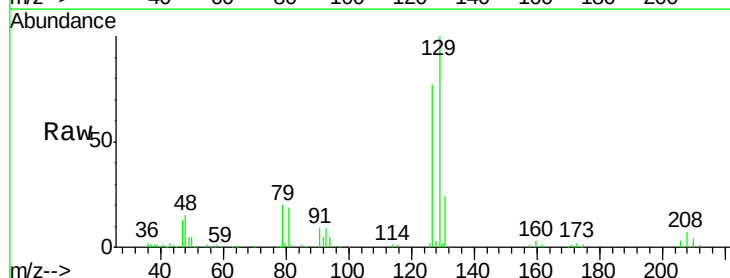
Instrument :
MSVOA_X
ClientSampleId :

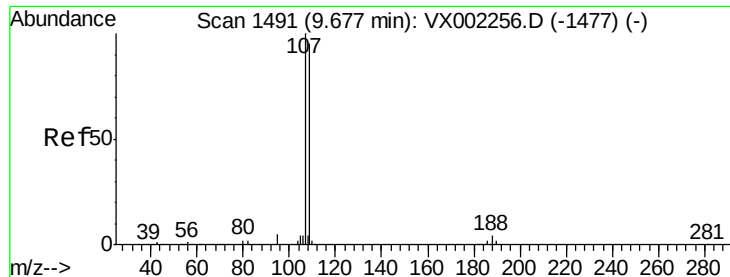
Tot Ion: 43 Resp: 387590
Ion Ratio Lower Upper
43 100
58 49.6 24.6 73.6



#60
Dibromochloromethane
Concen: 18.75 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX002345.D
Acq: 06 Jun 2018 11:48

Tgt Ion: 129 Resp: 60720
Ion Ratio Lower Upper
129 100
127 76.1 38.5 115.3





#61

1,2-Dibromoethane

Concen: 20.09 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002345.D

Acq: 06 Jun 2018 11:48

Instrument :

MSVOA_X

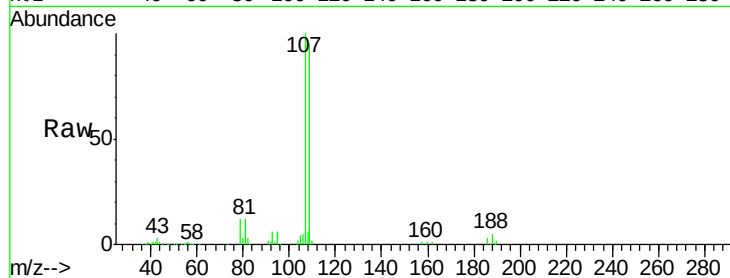
ClientSampleId :

Tot Ion:107 Resp: 67421

Ion Ratio Lower Upper

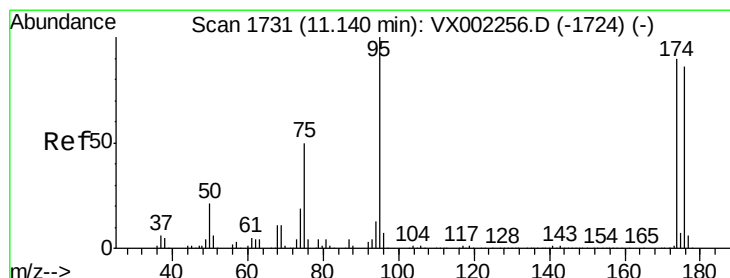
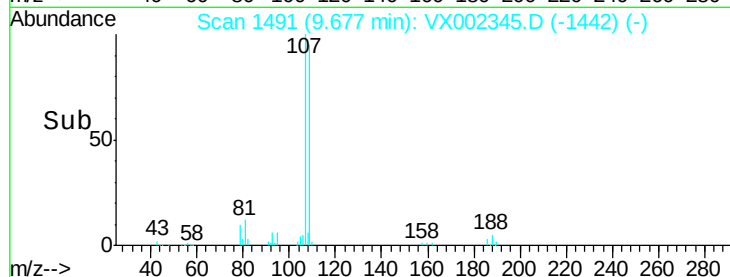
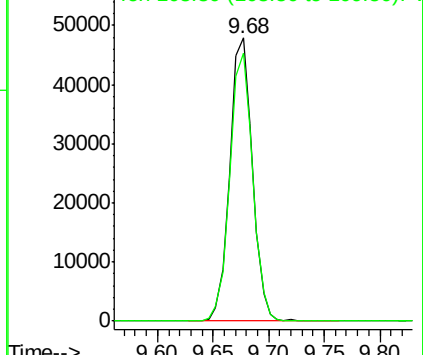
107 100

109 95.7 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: 46.50 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002345.D

Acq: 06 Jun 2018 11:48

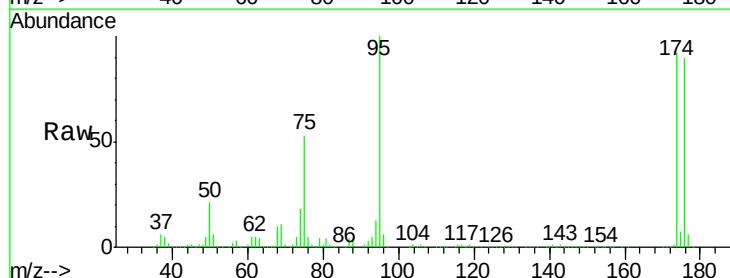
Tgt Ion: 95 Resp: 206353

Ion Ratio Lower Upper

95 100

174 94.7 0.0 187.4

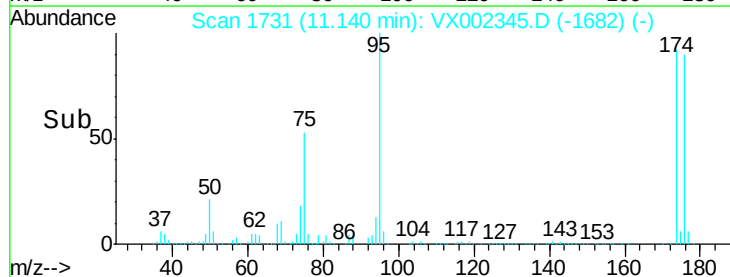
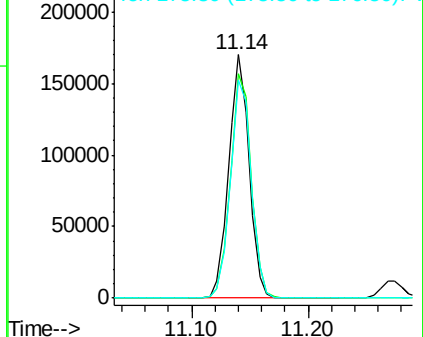
176 92.4 0.0 181.0

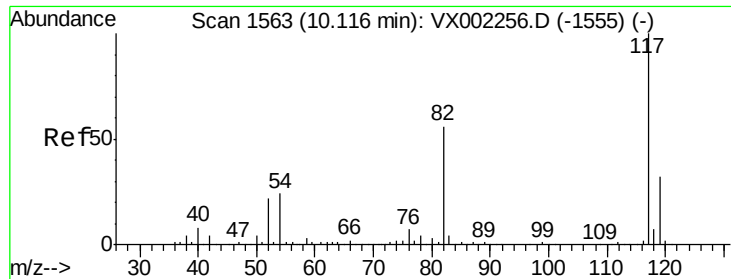


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

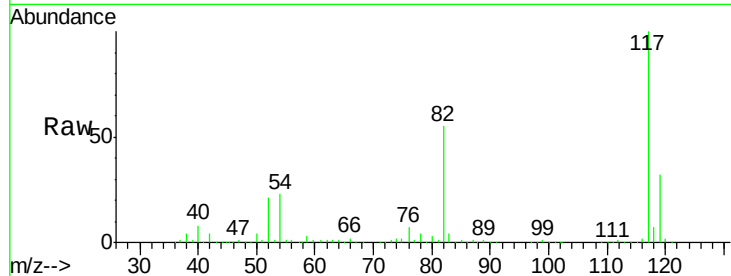




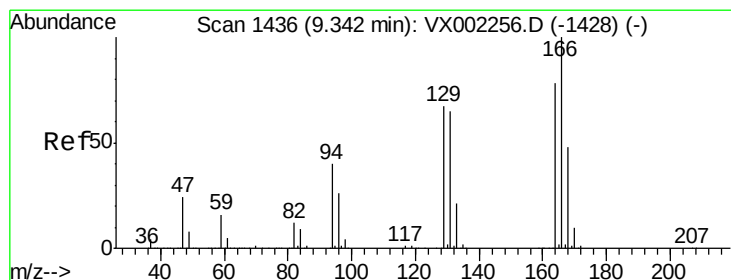
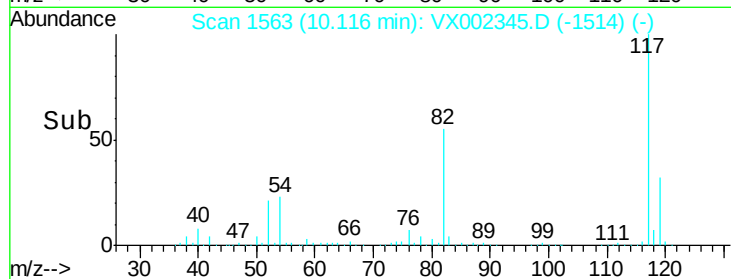
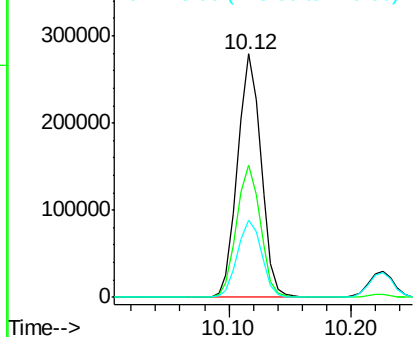
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002345.D
Acq: 06 Jun 2018 11:48

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 370764
Ion Ratio Lower Upper
117 100
82 54.6 45.0 67.4
119 31.9 25.8 38.6

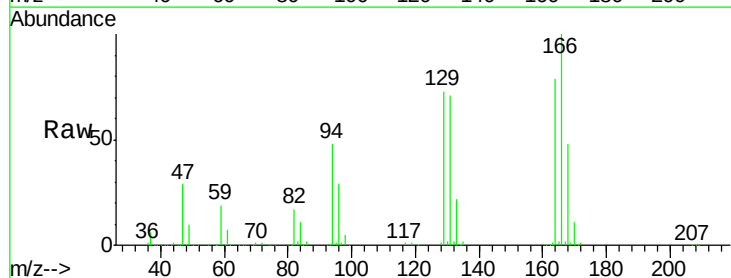


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

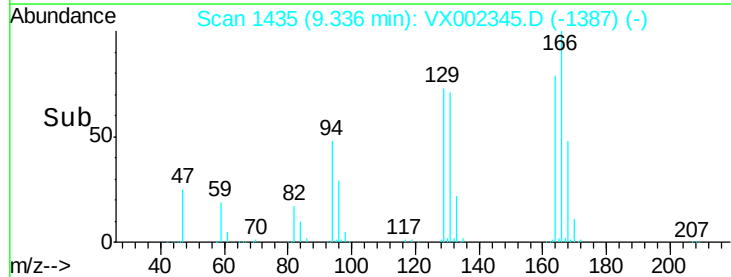
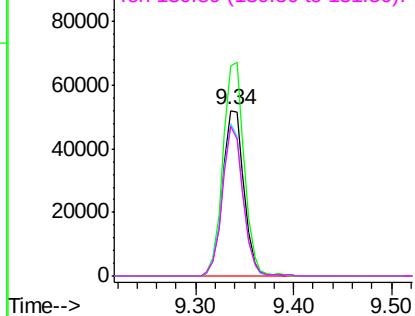


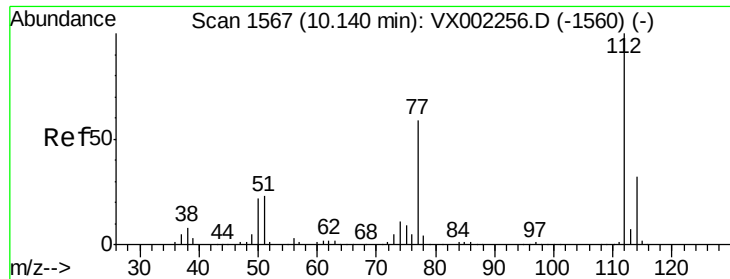
#64
Tetrachloroethene
Concen: 20.52 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.01 min
Lab File: VX002345.D
Acq: 06 Jun 2018 11:48

Tgt Ion:164 Resp: 78462
Ion Ratio Lower Upper
164 100
166 127.1 102.9 154.3
129 92.2 68.6 102.8
131 90.5 66.8 100.2



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 20.46 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VX002345.D

Acq: 06 Jun 2018 11:48

Instrument :

MSVOA_X

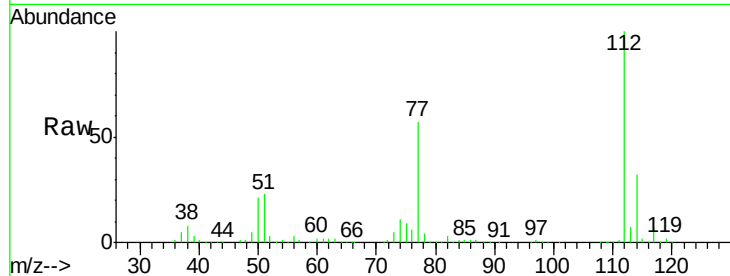
ClientSampleId :

Tot Ion:112 Resp: 188750

Ion Ratio Lower Upper

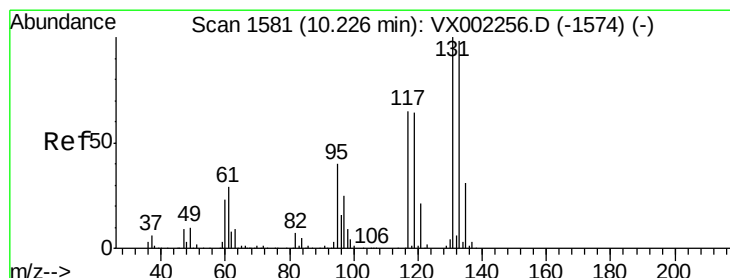
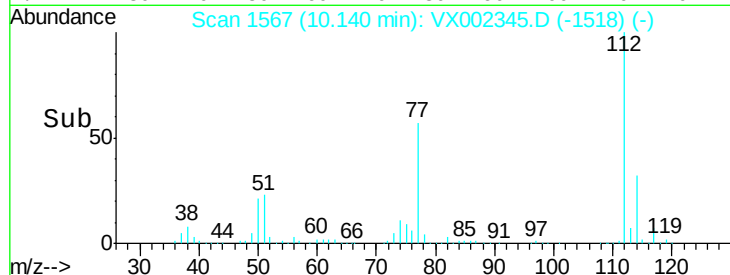
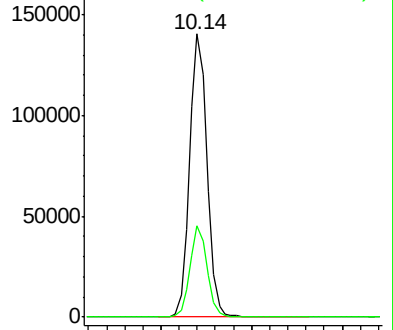
112 100

114 32.1 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.39 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX002345.D

Acq: 06 Jun 2018 11:48

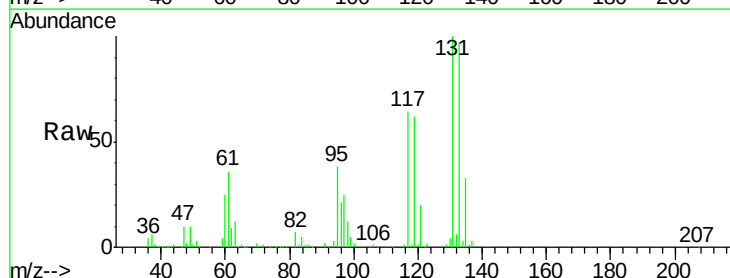
Tgt Ion:131 Resp: 64775

Ion Ratio Lower Upper

131 100

133 95.3 47.9 143.6

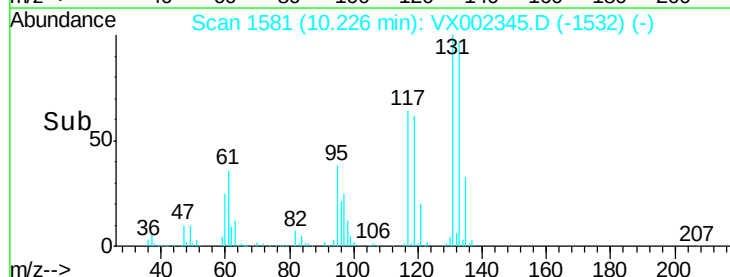
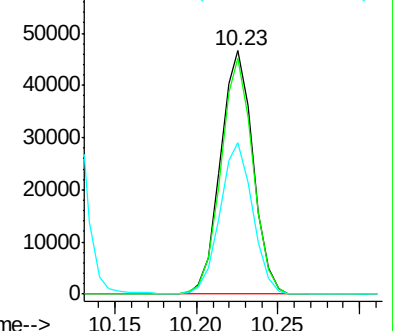
119 62.6 31.8 95.3

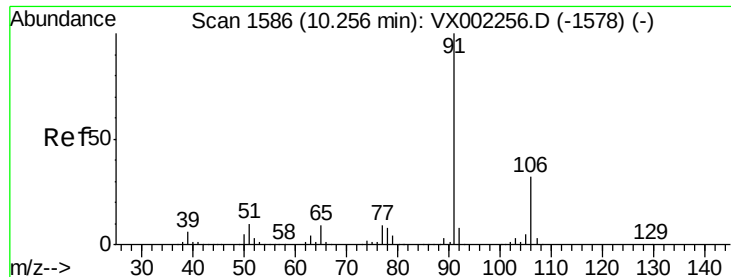


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

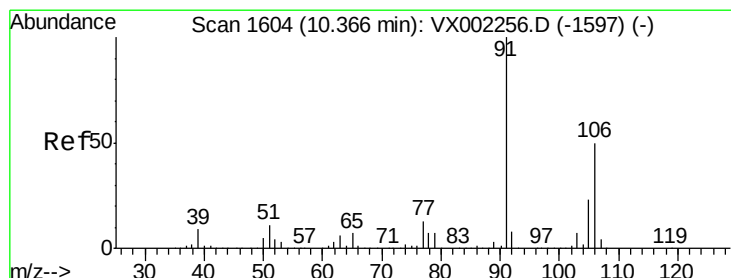
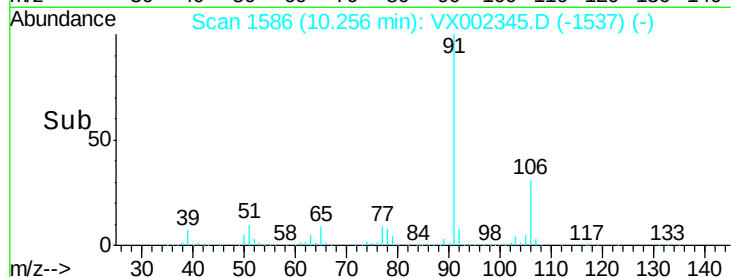
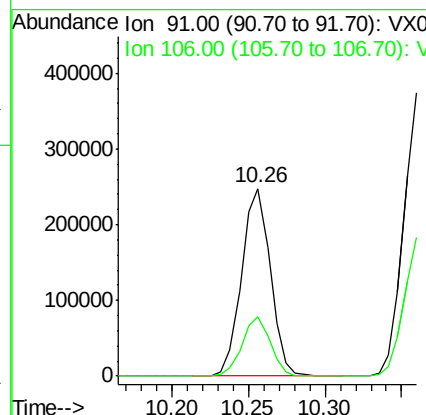
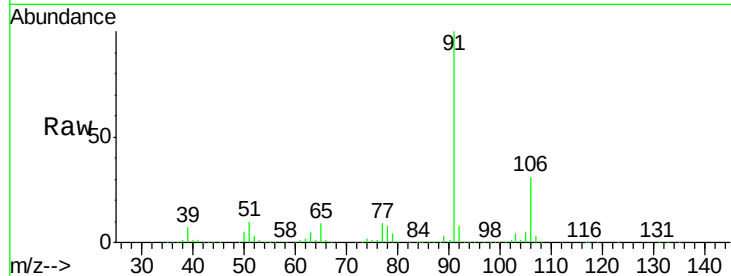




#67
Ethyl Benzene
Concen: 20.90 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002345.D
Acq: 06 Jun 2018 11:48

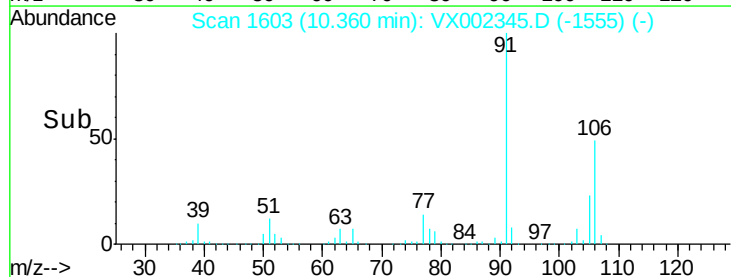
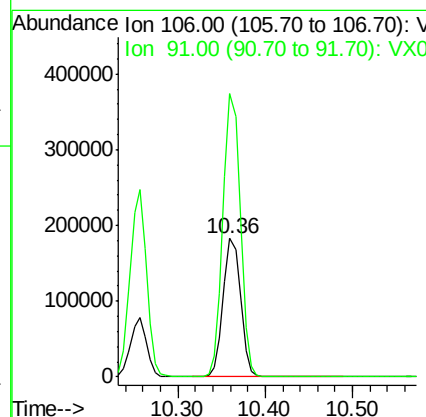
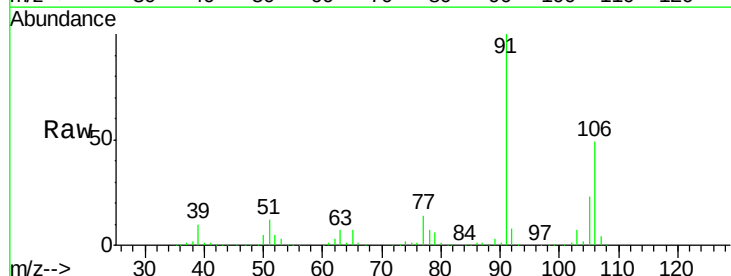
Instrument :
MSVOA_X
ClientSampled :

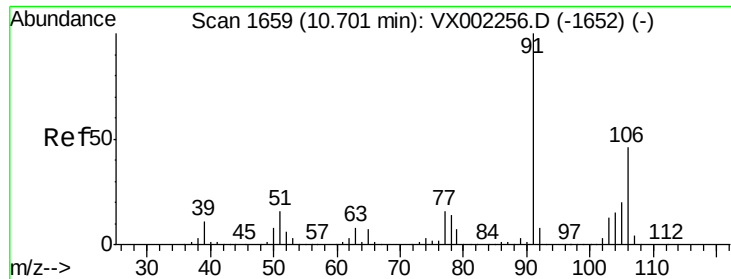
Tot Ion: 91 Resp: 322670
Ion Ratio Lower Upper
91 100
106 31.5 25.5 38.3



#68
m/p-Xylenes
Concen: 42.10 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VX002345.D
Acq: 06 Jun 2018 11:48

Tgt Ion: 106 Resp: 252683
Ion Ratio Lower Upper
106 100
91 203.6 163.4 245.2

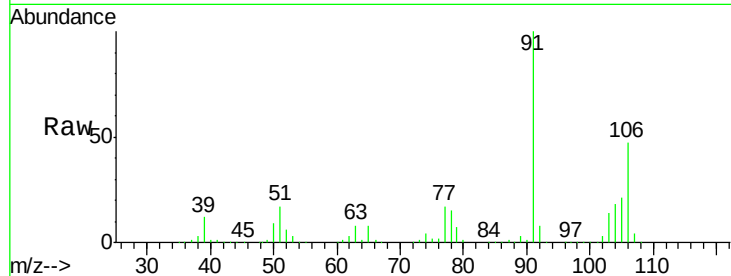




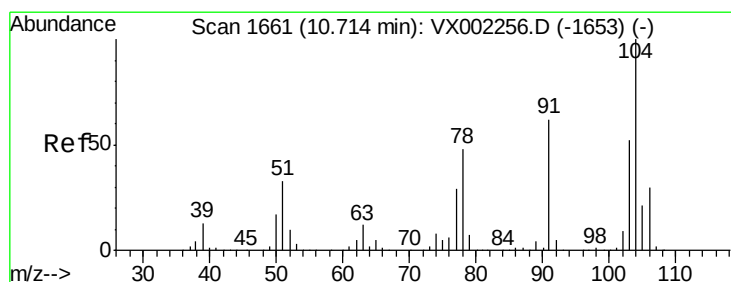
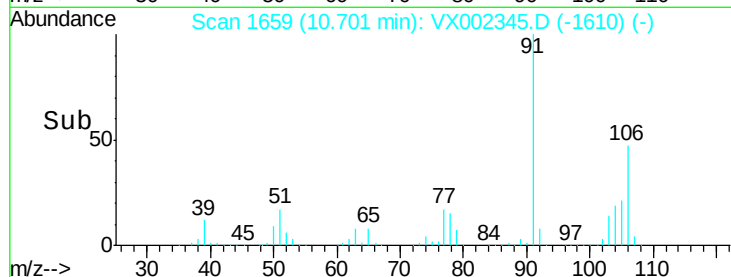
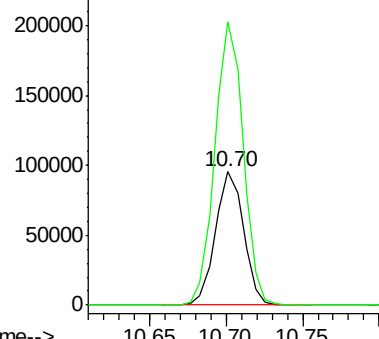
#69
o-Xylene
Concen: 20.46 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002345.D
Acq: 06 Jun 2018 11:48

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 122222
Ion Ratio Lower Upper
106 100
91 213.8 108.2 324.6

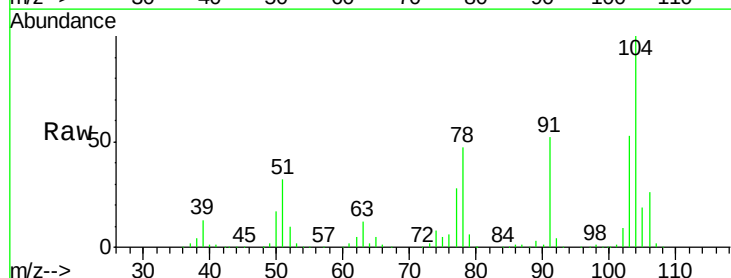


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

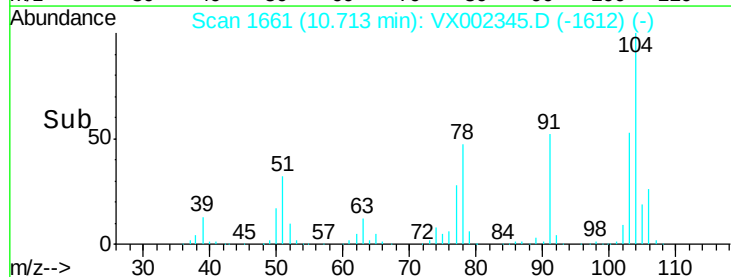
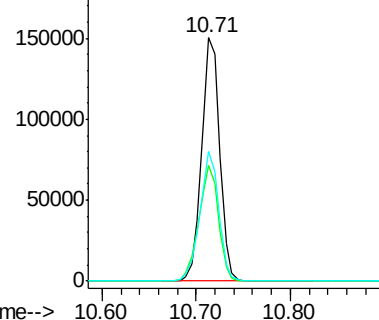


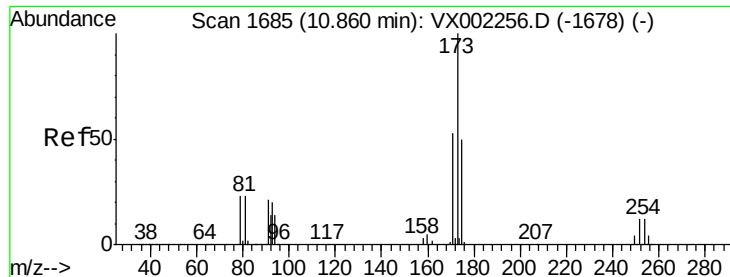
#70
Styrene
Concen: 20.55 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX002345.D
Acq: 06 Jun 2018 11:48

Tgt Ion:104 Resp: 200642
Ion Ratio Lower Upper
104 100
78 51.5 41.0 61.6
103 55.7 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: 17.12 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX002345.D

Acq: 06 Jun 2018 11:48

Instrument :

MSVOA_X

ClientSampleId :

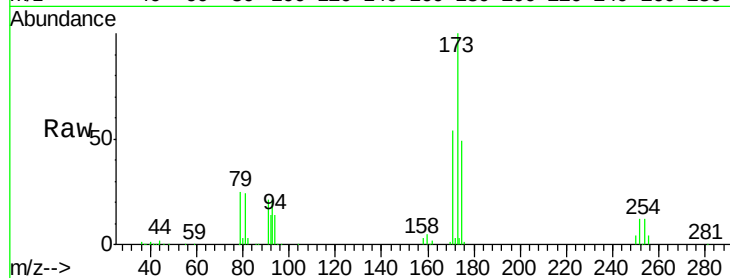
Tot Ion:173 Resp: 43900

Ion Ratio Lower Upper

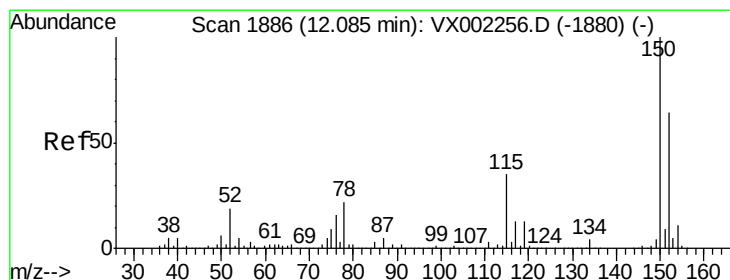
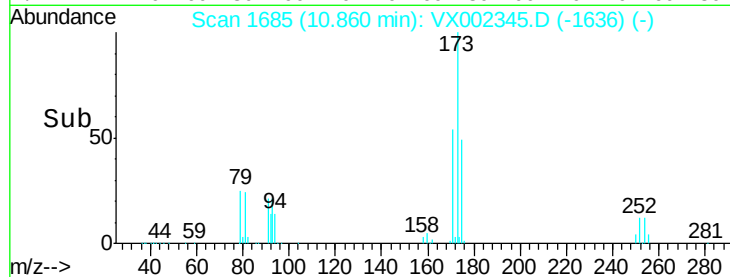
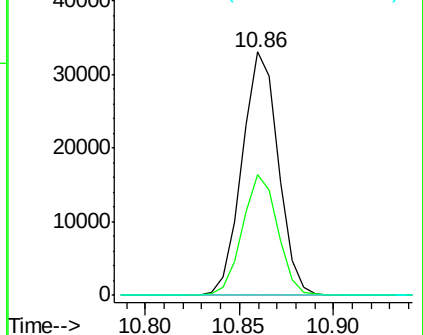
173 100

175 48.4 24.7 74.1

254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002345.D

Acq: 06 Jun 2018 11:48

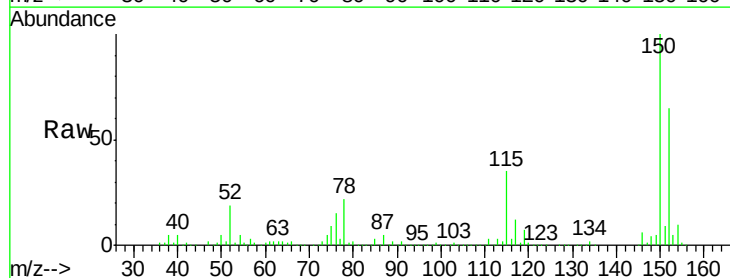
Tgt Ion:152 Resp: 237067

Ion Ratio Lower Upper

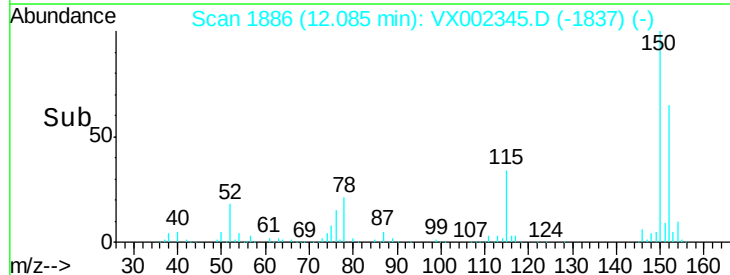
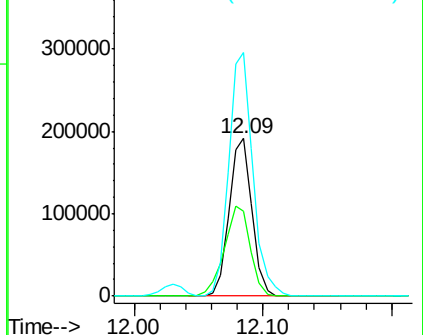
152 100

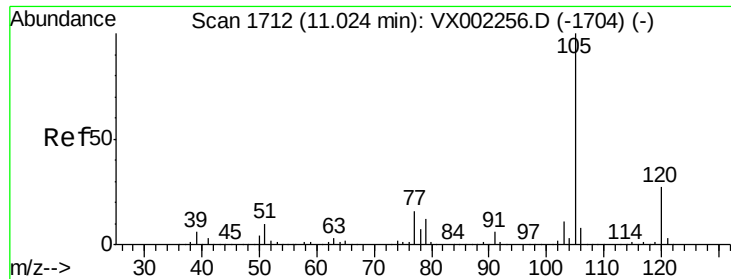
115 65.5 40.1 120.2

150 163.5 0.0 347.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.32 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002345.D

Acq: 06 Jun 2018 11:48

Instrument :

MSVOA_X

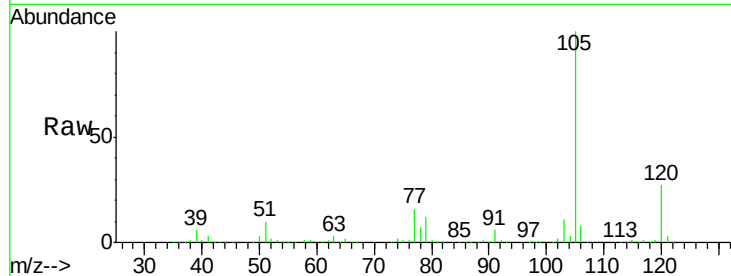
ClientSampleId :

Tot Ion:105 Resp: 335079

Ion Ratio Lower Upper

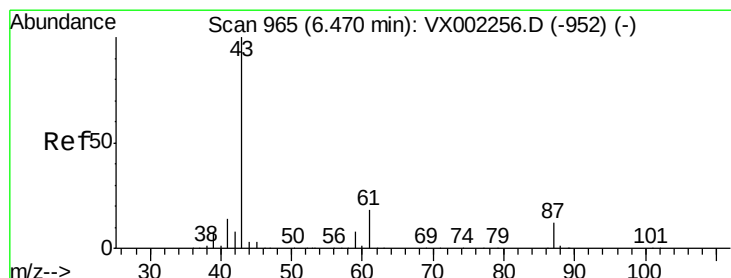
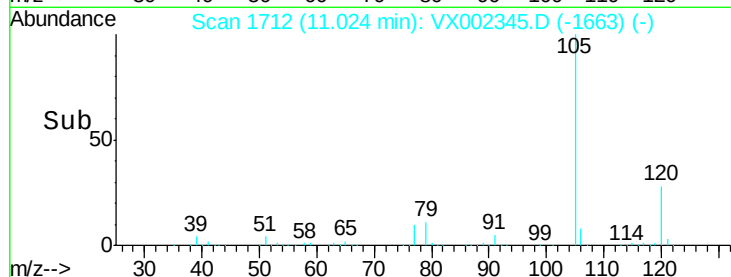
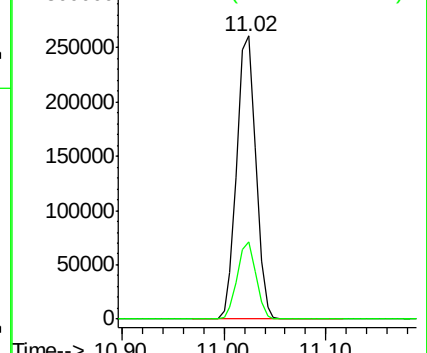
105 100

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: 17.11 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.01 min

Lab File: VX002345.D

Acq: 06 Jun 2018 11:48

Tgt Ion: 43 Resp: 152079

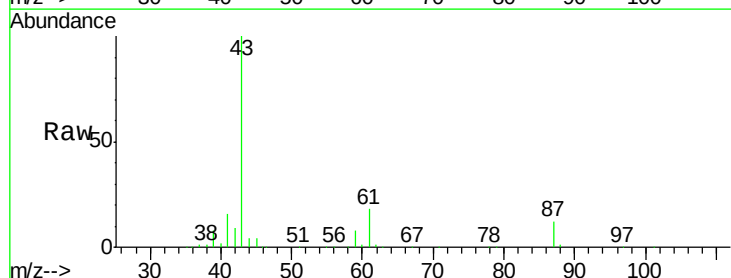
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0#

55 0.2 0.0 0.0#

61 17.9 14.4 21.6

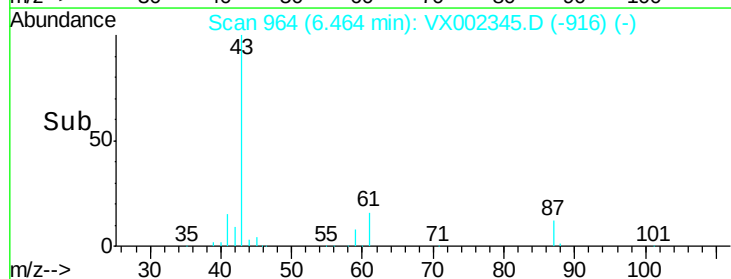
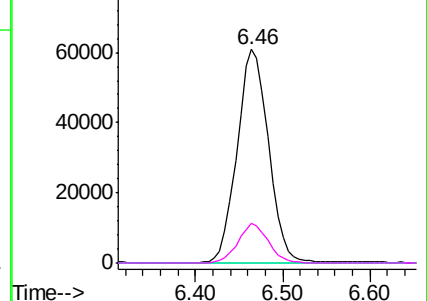


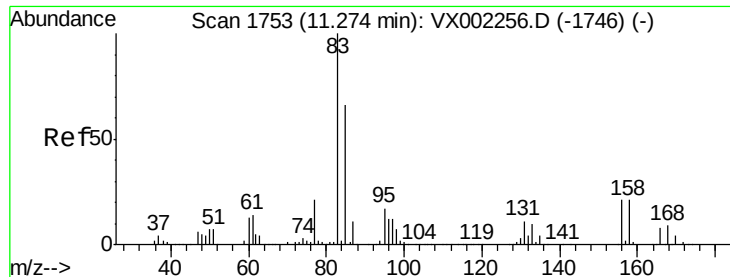
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 18.14 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002345.D

Acq: 06 Jun 2018 11:48

Instrument :

MSVOA_X

ClientSampleId :

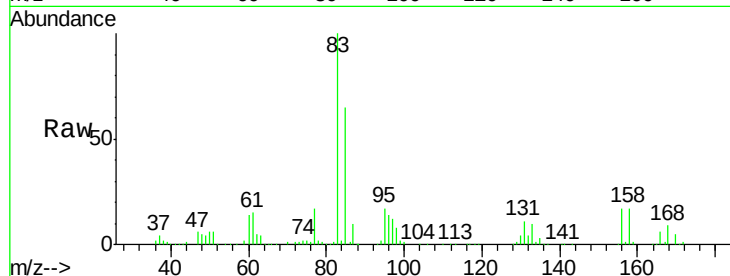
Tot Ion: 83 Resp: 94097

Ion Ratio Lower Upper

83 100

131 10.9 5.6 16.8

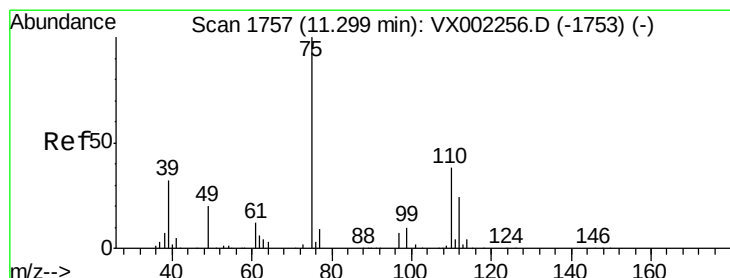
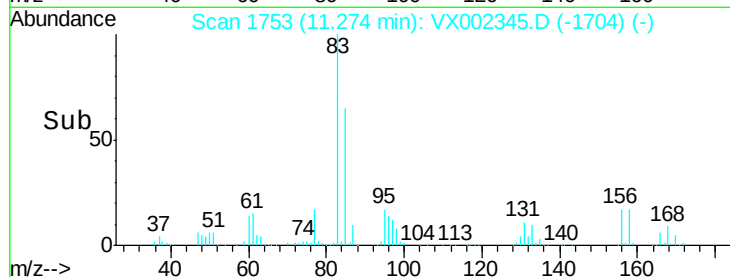
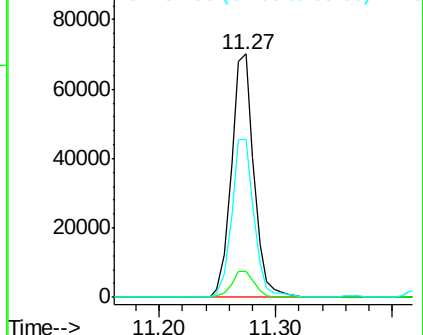
85 64.6 32.4 97.2



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: 20.44 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX002345.D

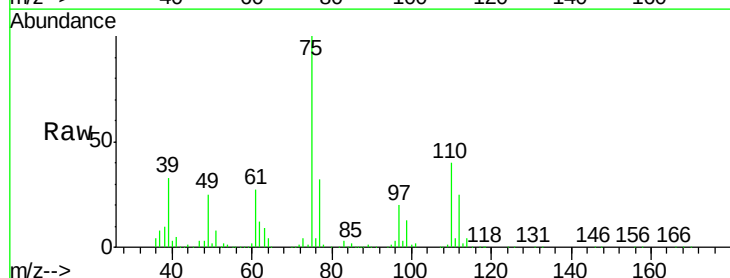
Acq: 06 Jun 2018 11:48

Tgt Ion: 75 Resp: 106305

Ion Ratio Lower Upper

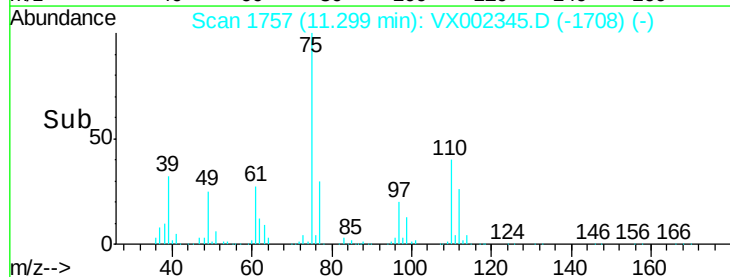
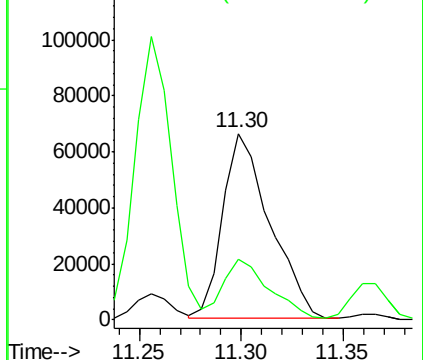
75 100

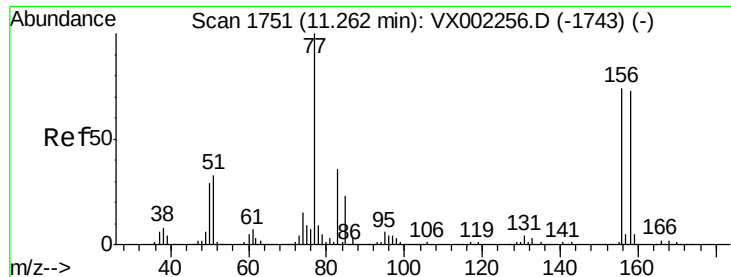
77 32.4 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.00 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX002345.D

Acq: 06 Jun 2018 11:48

Instrument :

MSVOA_X

ClientSampleId :

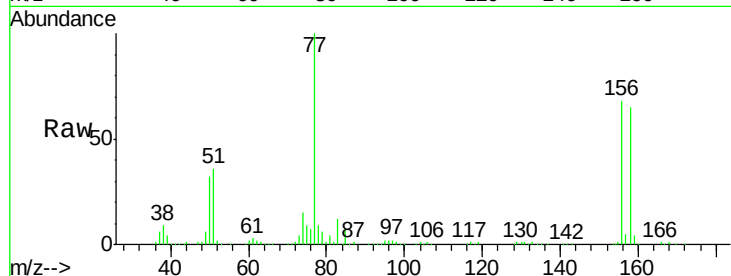
Tot Ion:156 Resp: 87969

Ion Ratio Lower Upper

156 100

77 144.4 71.4 214.2

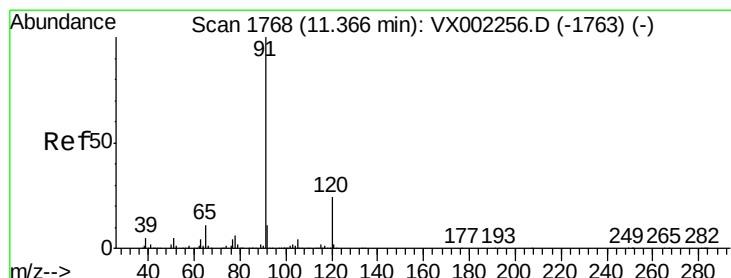
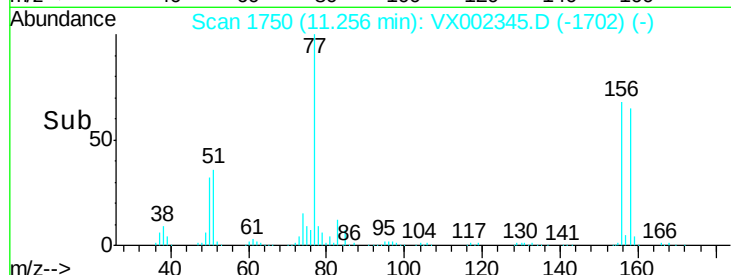
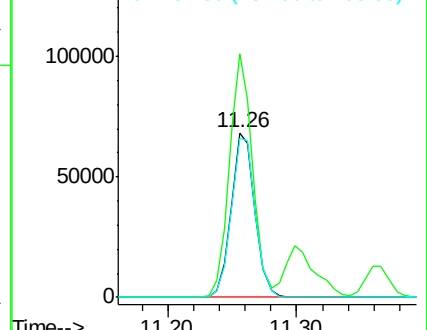
158 98.2 48.9 146.6



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: 21.06 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002345.D

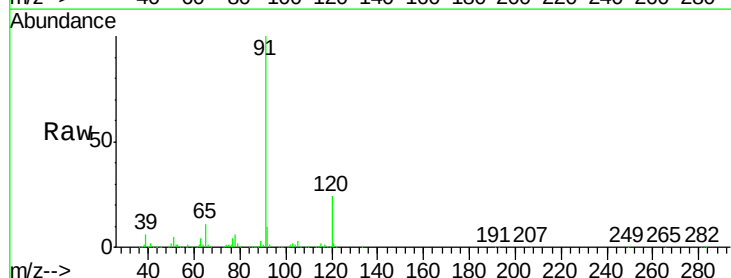
Acq: 06 Jun 2018 11:48

Tgt Ion: 91 Resp: 386075

Ion Ratio Lower Upper

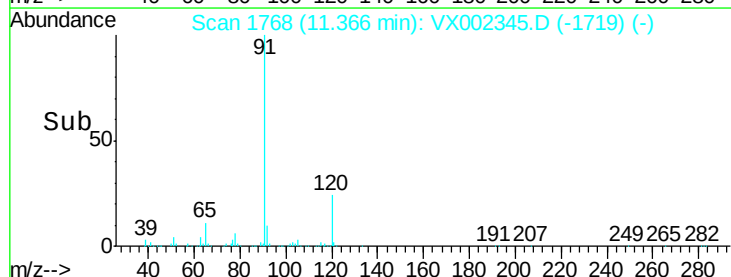
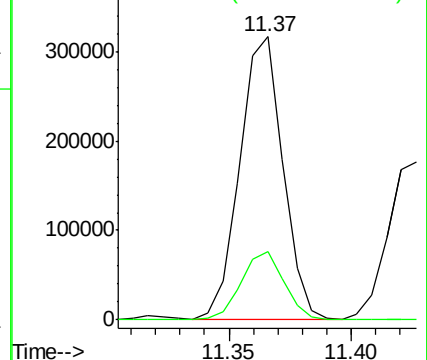
91 100

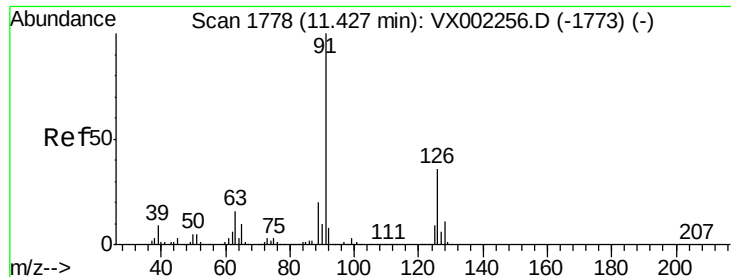
120 24.0 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.53 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002345.D

Acq: 06 Jun 2018 11:48

Instrument :

MSVOA_X

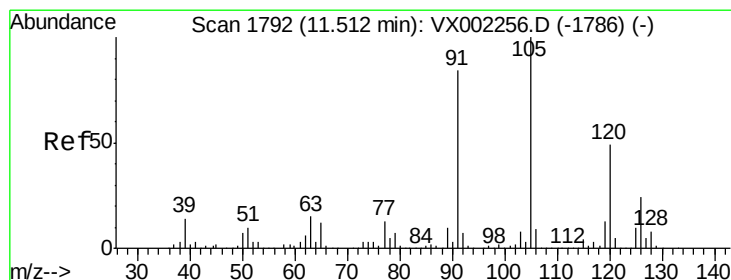
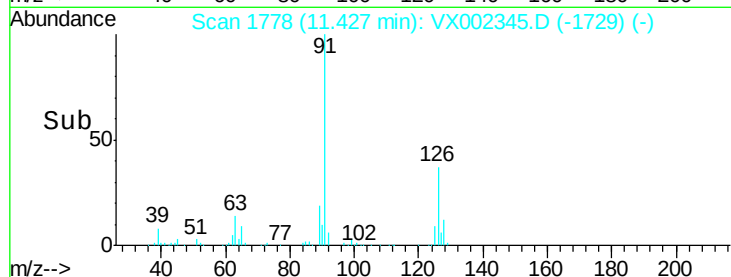
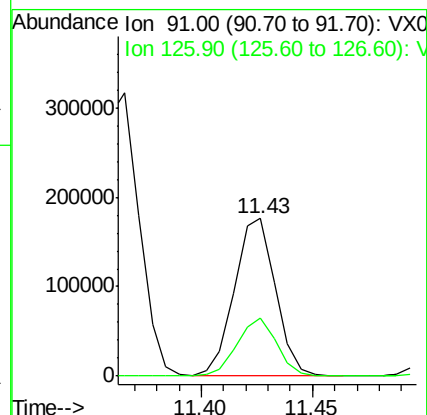
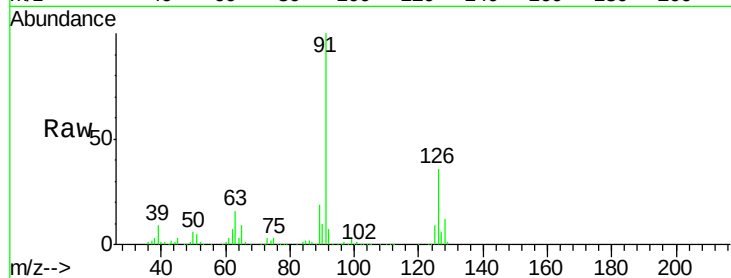
ClientSampleId :

Tot Ion: 91 Resp: 226060

Ion Ratio Lower Upper

91 100

126 35.4 17.7 53.1



#80

1,3,5-Trimethylbenzene

Concen: 20.20 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002345.D

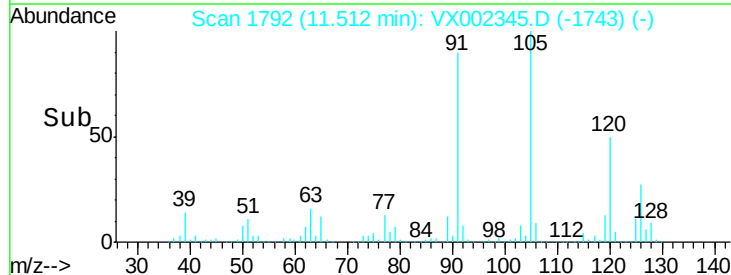
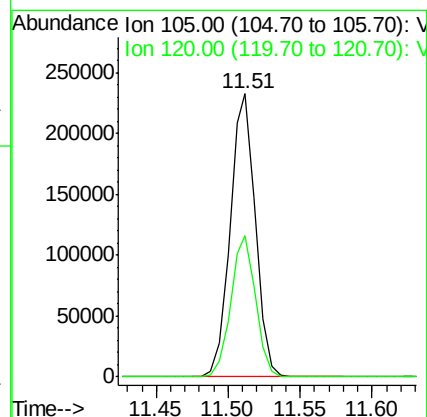
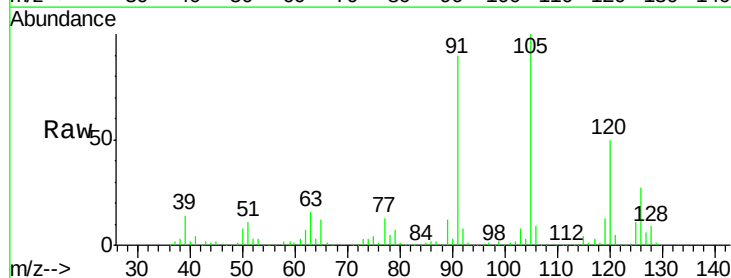
Acq: 06 Jun 2018 11:48

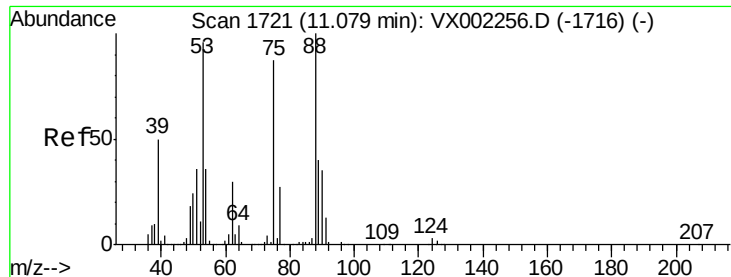
Tgt Ion:105 Resp: 285746

Ion Ratio Lower Upper

105 100

120 49.2 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 15.17 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX002345.D

Acq: 06 Jun 2018 11:48

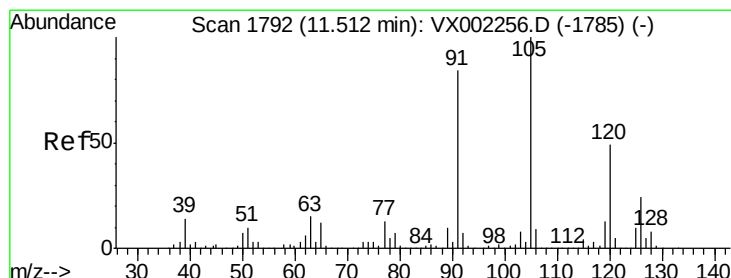
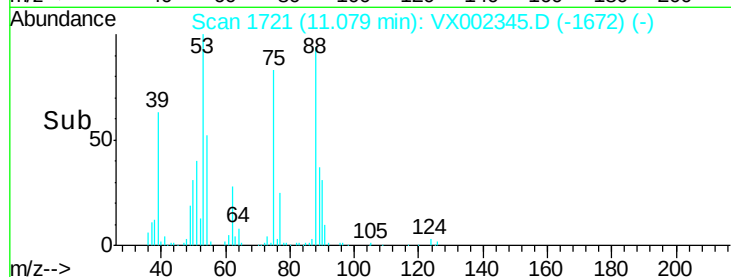
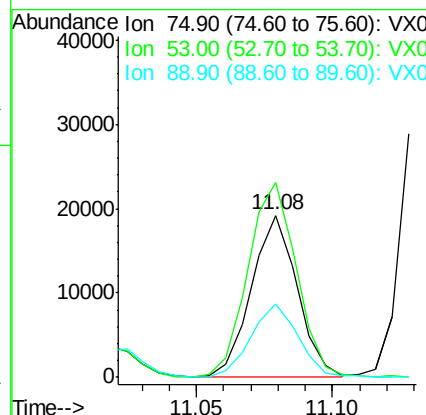
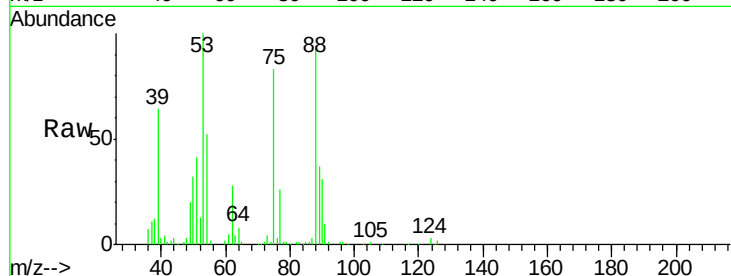
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 75 Resp: 22519

Ion	Ratio	Lower	Upper
75	100		
53	126.3	86.8	130.2
89	46.3	38.2	57.2



#82

4-Chlorotoluene

Concen: 20.18 ug/l

RT: 11.51 min Scan# 1792

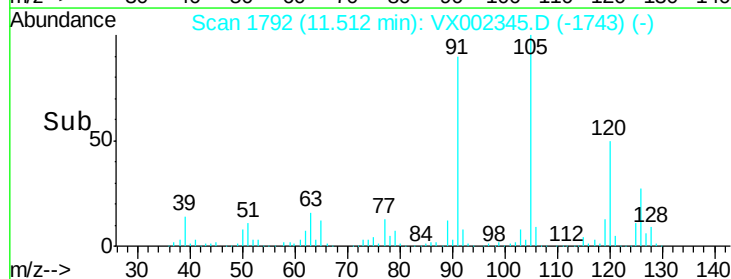
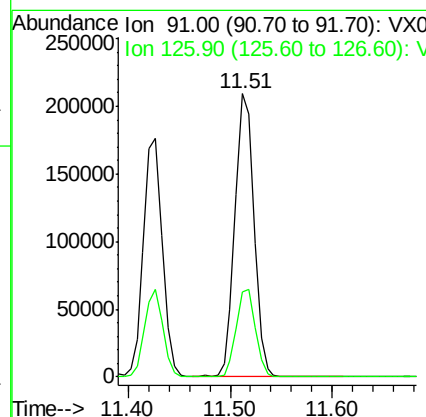
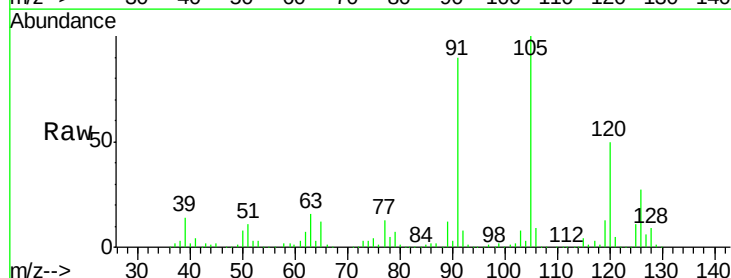
Delta R.T. -0.00 min

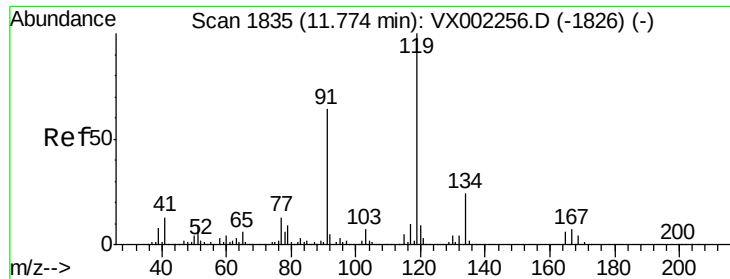
Lab File: VX002345.D

Acq: 06 Jun 2018 11:48

Tgt Ion: 91 Resp: 269633

Ion	Ratio	Lower	Upper
91	100		
126	31.0	15.4	46.4

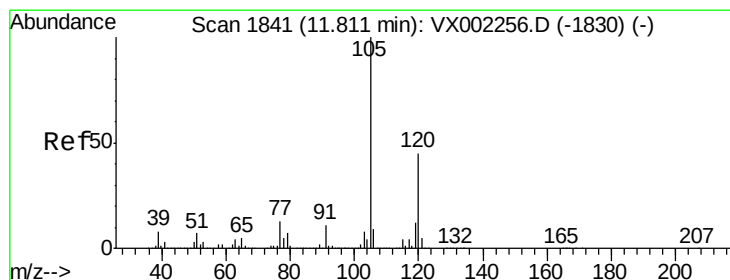
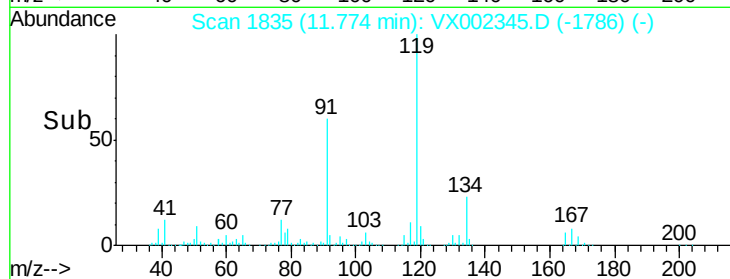
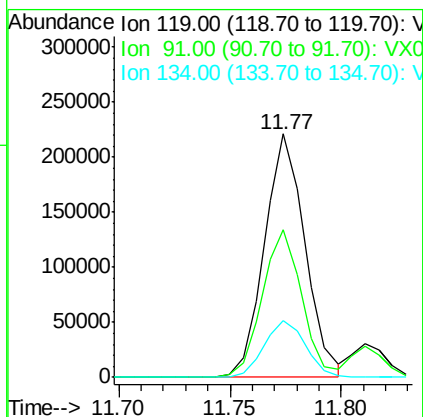
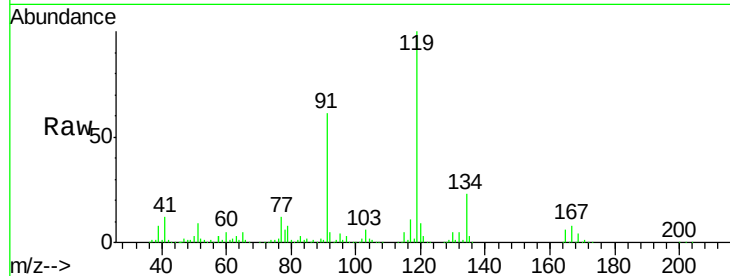




#83
 tert-Butylbenzene
 Concen: 20.34 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002345.D
 Acq: 06 Jun 2018 11:48

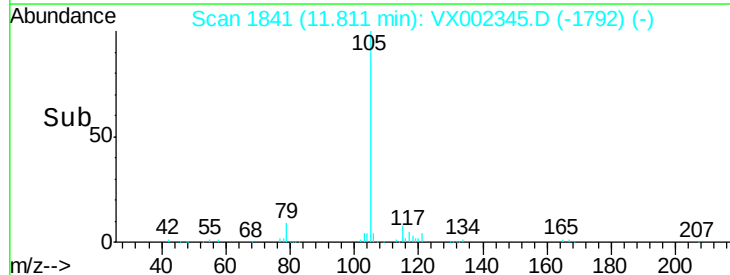
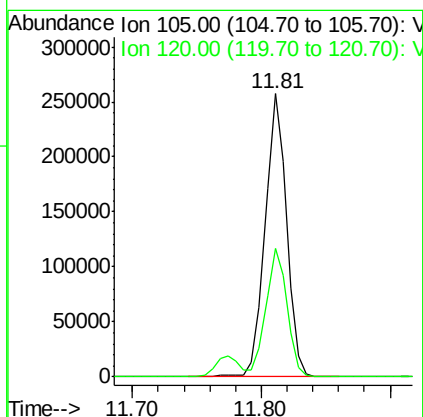
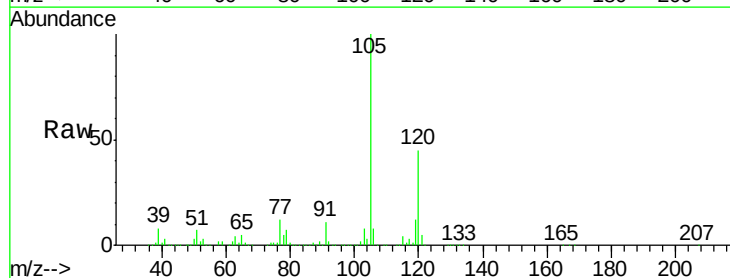
Instrument :
 MSVOA_X
 ClientSampleId :

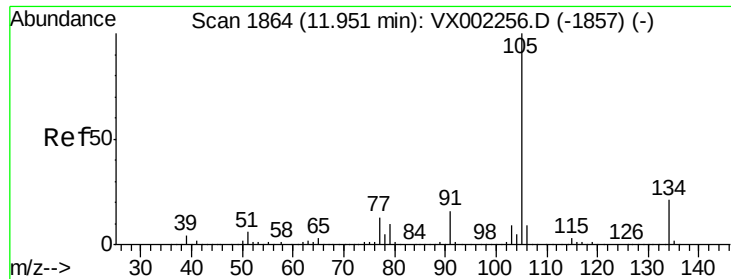
Tot Ion:119 Resp: 280238
 Ion Ratio Lower Upper
 119 100
 91 59.5 30.3 90.9
 134 23.8 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 20.42 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002345.D
 Acq: 06 Jun 2018 11:48

Tgt Ion:105 Resp: 297299
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.3 66.8





#85

sec-Butylbenzene

Concen: 21.79 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002345.D

Acq: 06 Jun 2018 11:48

Instrument :

MSVOA_X

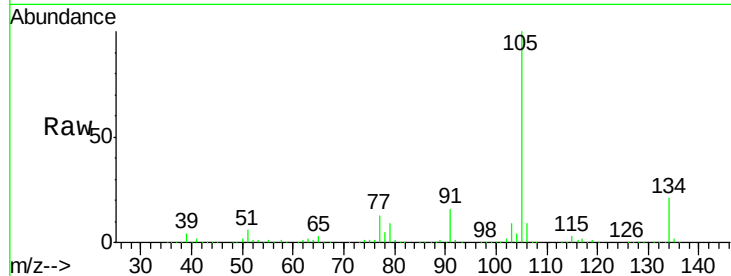
ClientSampleId :

Tot Ion:105 Resp: 351885

Ion Ratio Lower Upper

105 100

134 20.6 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

300000

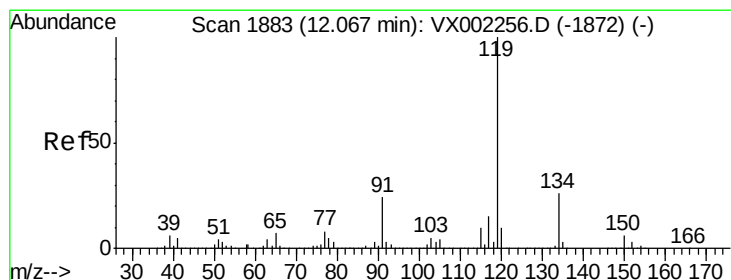
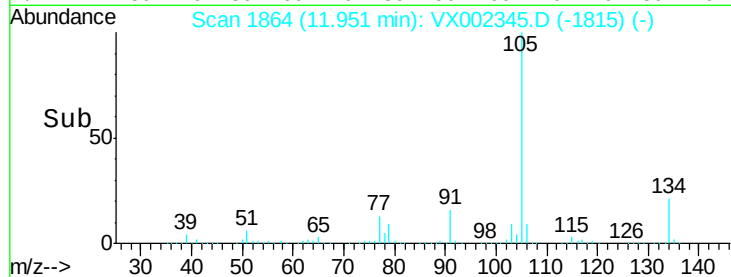
200000

100000

0

11.90 11.95 12.00

Time-->



#86

p-Isopropyltoluene

Concen: 21.67 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002345.D

Acq: 06 Jun 2018 11:48

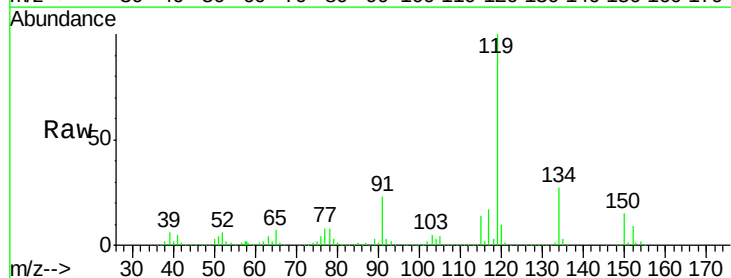
Tgt Ion:119 Resp: 318795

Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.1

91 23.6 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

300000

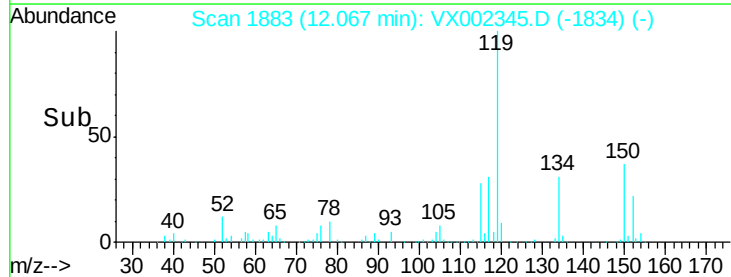
200000

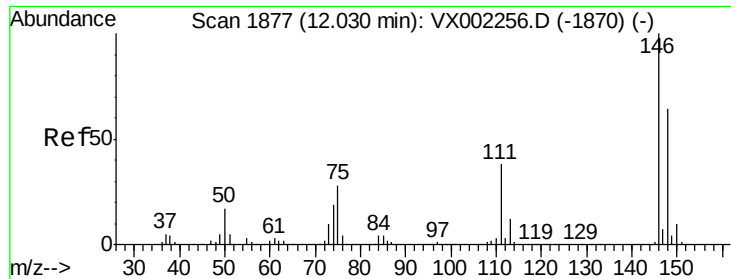
100000

0

12.00 12.05 12.10

Time-->

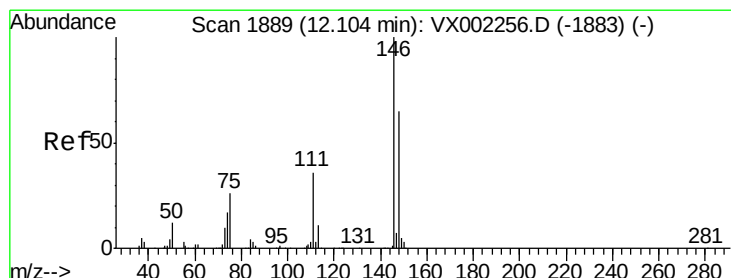
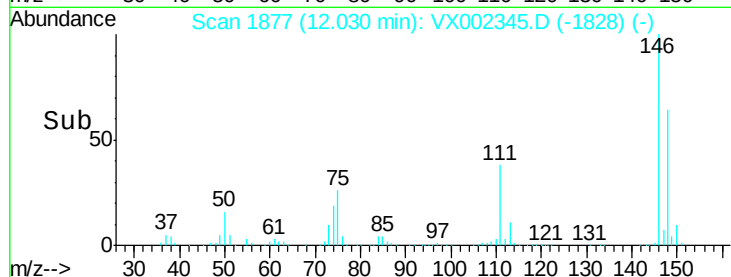
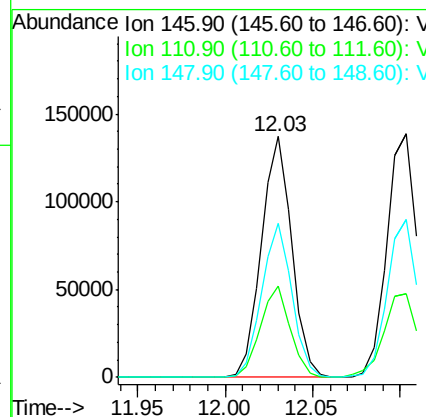
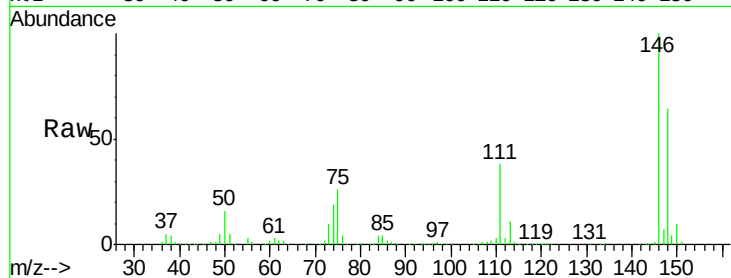




#87
 1,3-Dichlorobenzene
 Concen: 20.22 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002345.D
 Acq: 06 Jun 2018 11:48

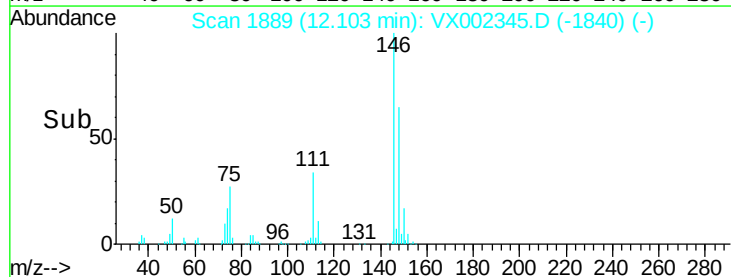
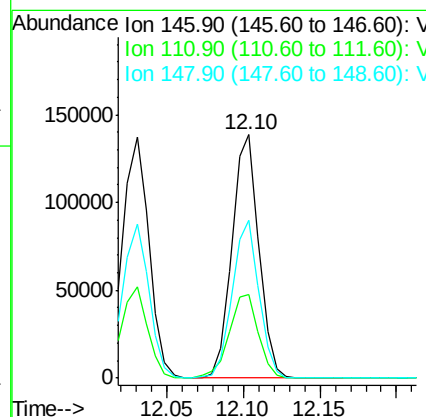
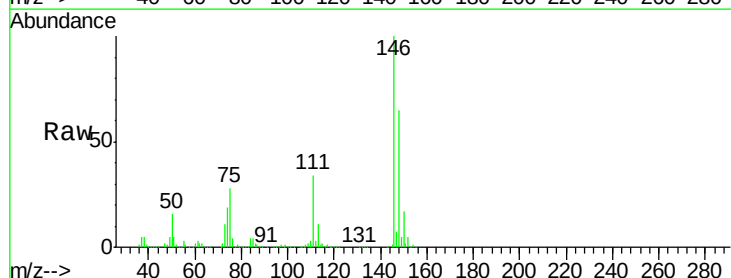
Instrument :
 MSVOA_X
 ClientSampleId :

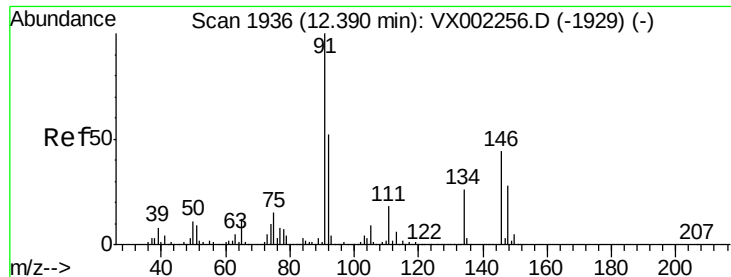
Tot Ion:146 Resp: 167426
 Ion Ratio Lower Upper
 146 100
 111 37.2 18.9 56.7
 148 63.5 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 19.73 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX002345.D
 Acq: 06 Jun 2018 11:48

Tgt Ion:146 Resp: 168340
 Ion Ratio Lower Upper
 146 100
 111 37.4 18.7 56.1
 148 64.5 32.4 97.0





#89

n-Butylbenzene

Concen: 22.25 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX002345.D

Acq: 06 Jun 2018 11:48

Instrument :

MSVOA_X

ClientSampleId :

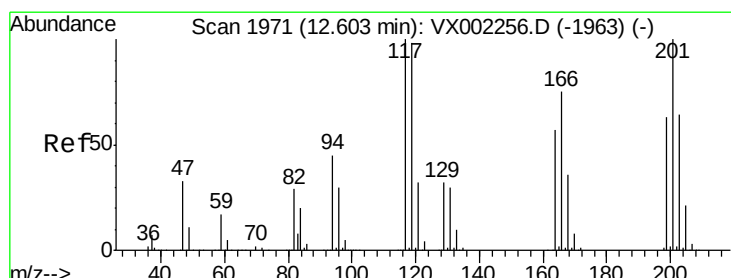
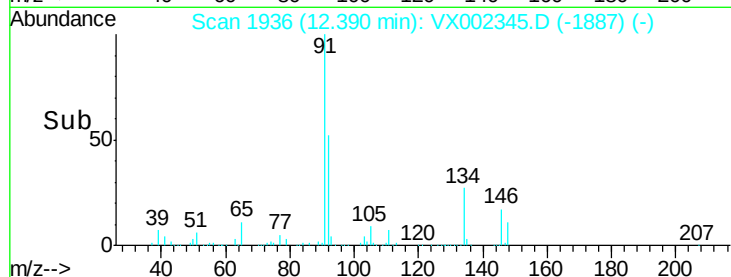
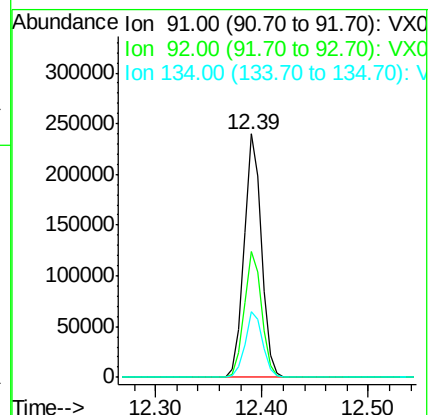
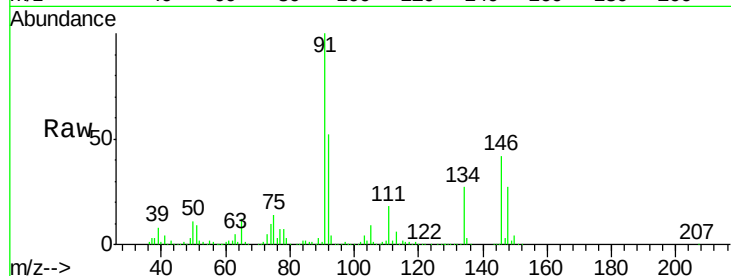
Tot Ion: 91 Resp: 274425

Ion Ratio Lower Upper

91 100

92 52.1 26.0 78.0

134 27.2 13.5 40.5



#90

Hexachloroethane

Concen: 17.45 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX002345.D

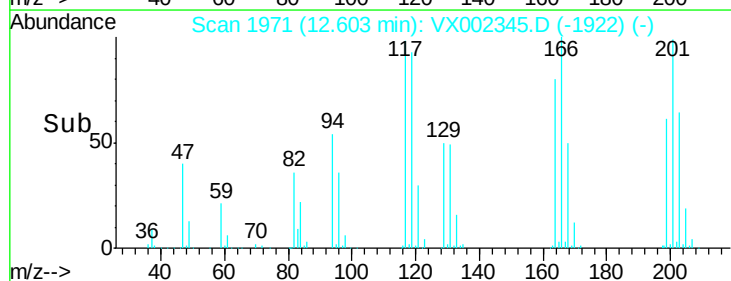
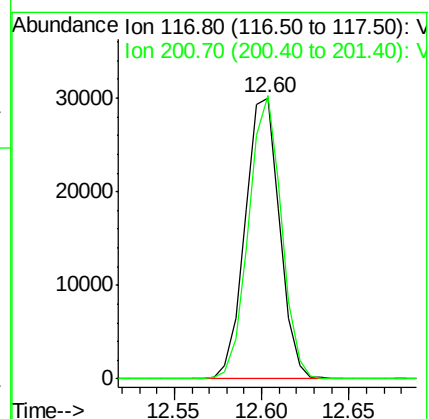
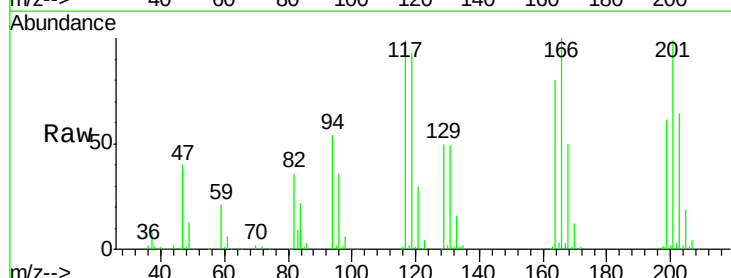
Acq: 06 Jun 2018 11:48

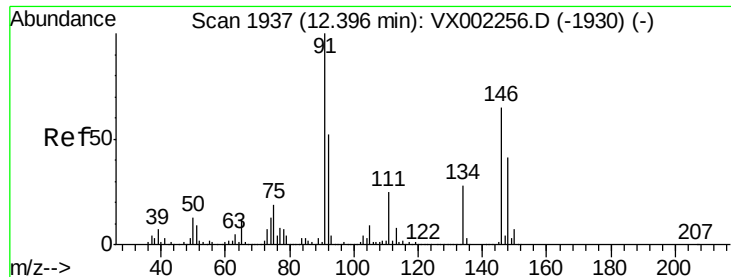
Tgt Ion: 117 Resp: 40980

Ion Ratio Lower Upper

117 100

201 95.6 49.0 147.0

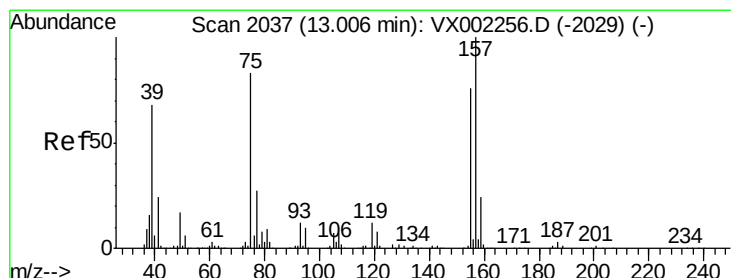
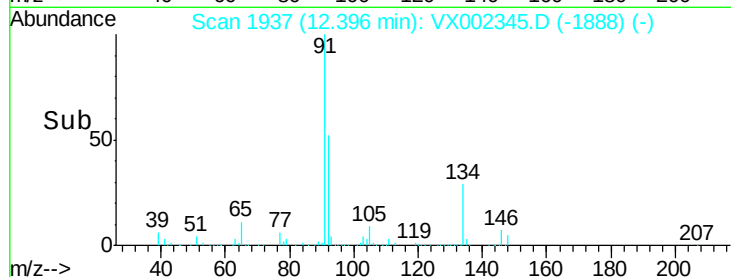
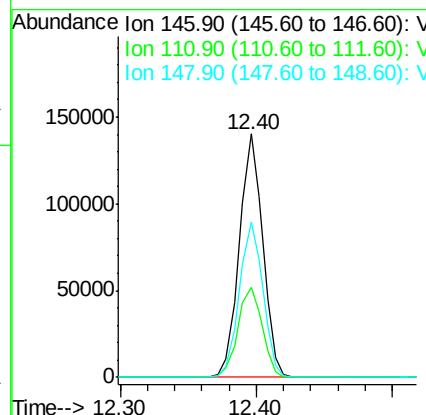
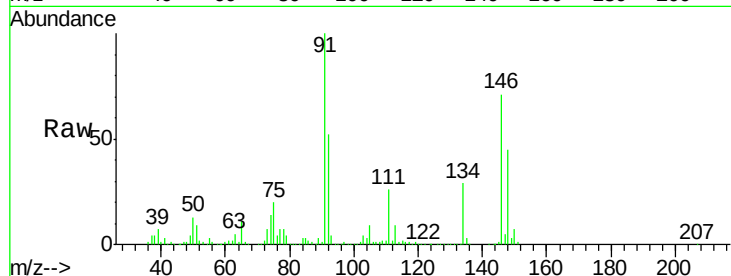




#91
 1,2-Dichlorobenzene
 Concen: 19.58 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX002345.D
 Acq: 06 Jun 2018 11:48

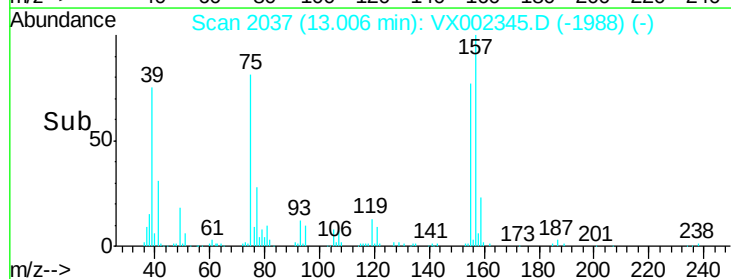
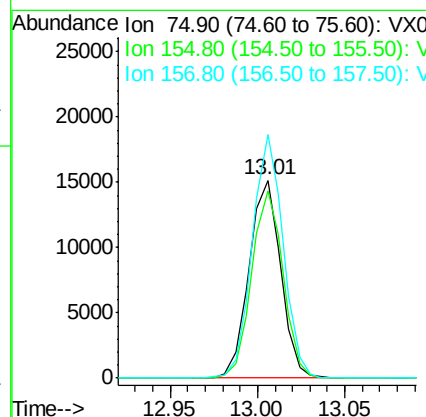
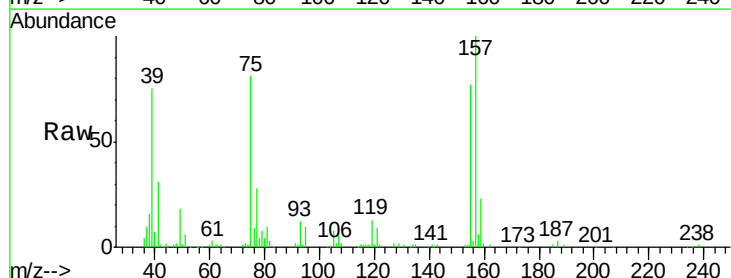
Instrument :
 MSVOA_X
 ClientSampleId :

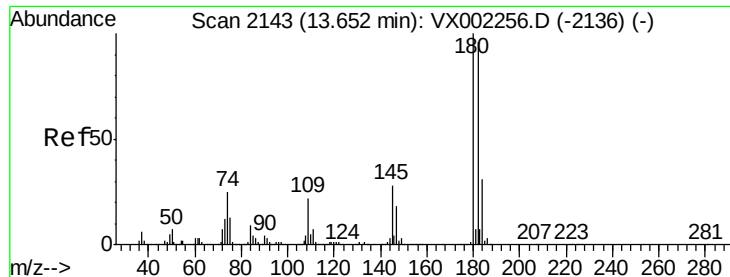
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.4	58.1
148	64.5	31.7	95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.81 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX002345.D
 Acq: 06 Jun 2018 11:48

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.7	45.8	137.4
157	119.8	60.1	180.3

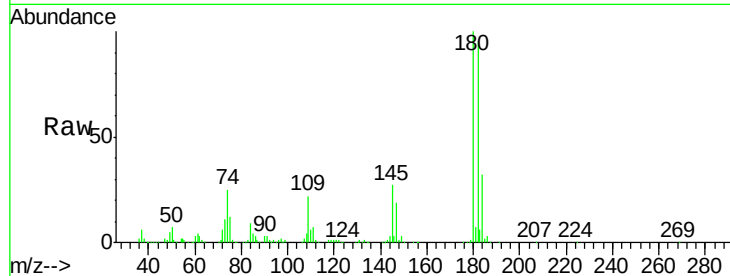




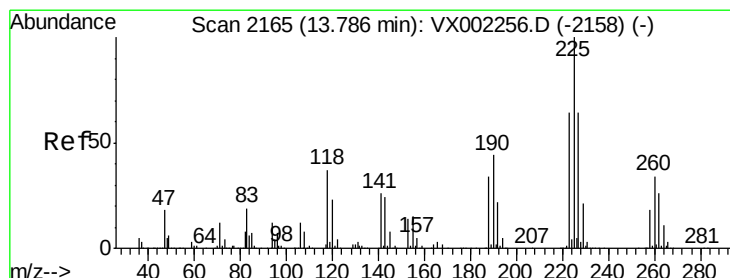
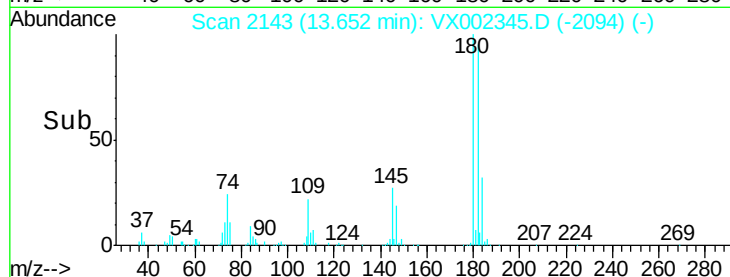
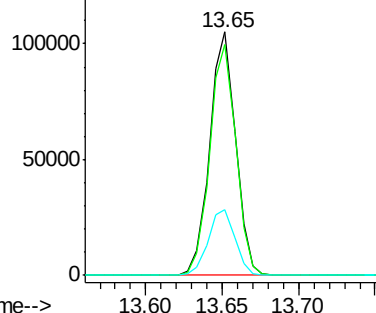
#93
 1,2,4-Trichlorobenzene
 Concen: 20.46 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002345.D
 Acq: 06 Jun 2018 11:48

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.7	143.1
145	28.0	14.1	42.4

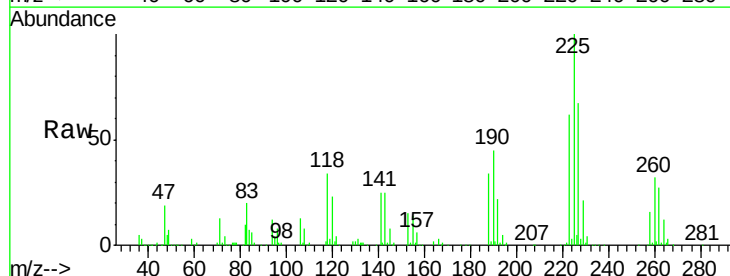


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

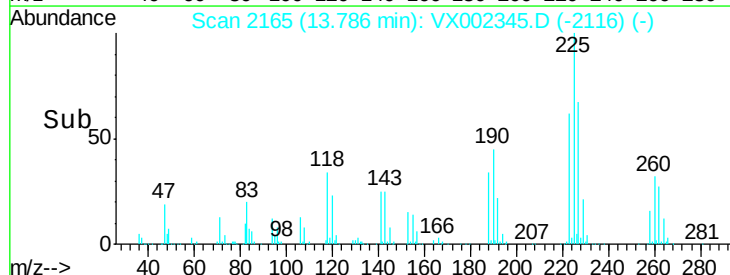
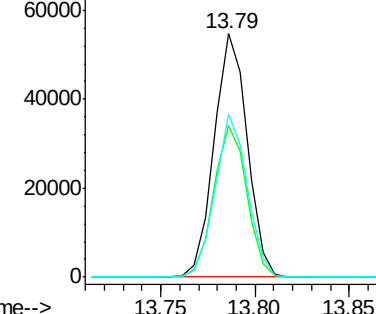


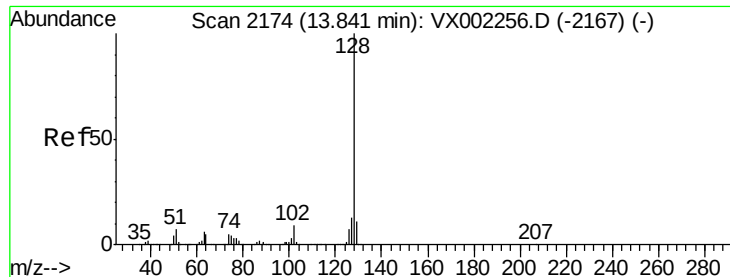
#94
 Hexachlorobutadiene
 Concen: 22.49 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002345.D
 Acq: 06 Jun 2018 11:48

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.7	31.6	95.0
227	64.8	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: 19.53 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002345.D

Acq: 06 Jun 2018 11:48

Instrument :

MSVOA_X

ClientSampleId :

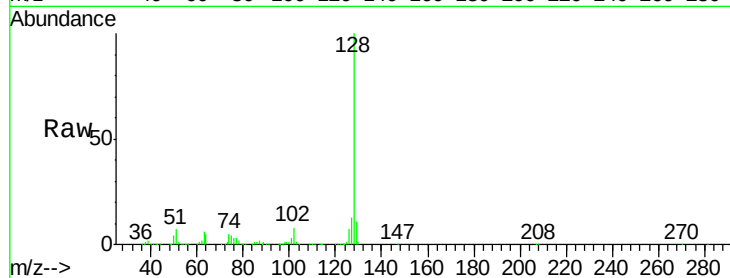
Tot Ion:128 Resp: 336965

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

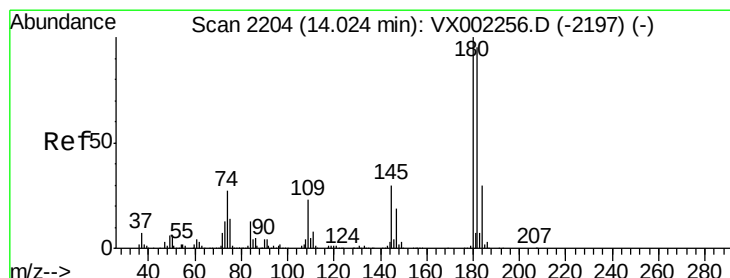
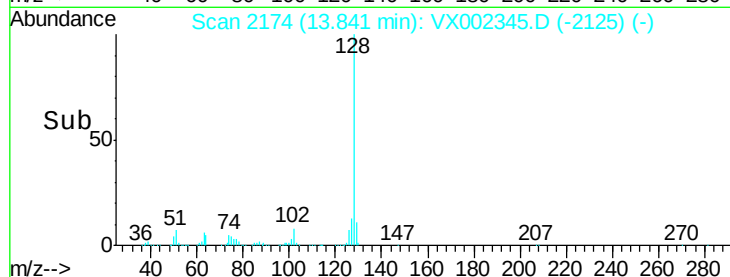
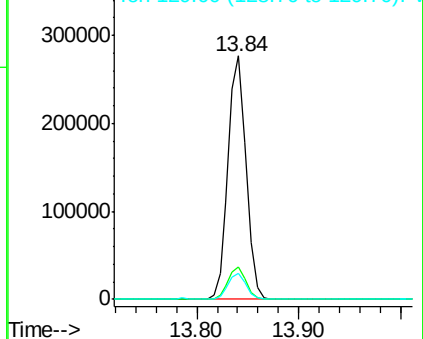
129 10.9 8.6 13.0



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: 20.46 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX002345.D

Acq: 06 Jun 2018 11:48

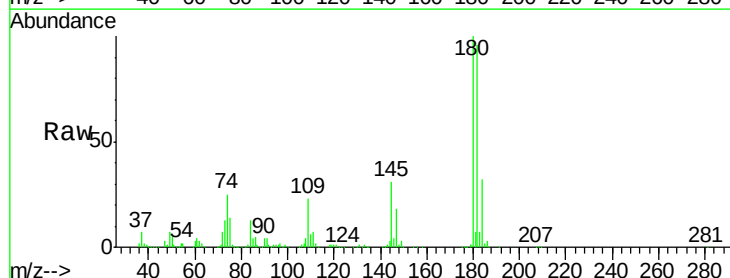
Tgt Ion:180 Resp: 125330

Ion Ratio Lower Upper

180 100

182 96.3 48.0 144.0

145 29.7 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

