

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060818\
 Data File : VX002412.D
 Acq On : 08 Jun 2018 19:50
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 09 01:52:02 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	225712	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	328139	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	321688	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	209532	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	152514	47.05	ug/l	0.00
Spiked Amount			Recovery	=	94.10%	
35) Dibromofluoromethane	5.51	113	119145	46.17	ug/l	0.00
Spiked Amount			Recovery	=	92.34%	
50) Toluene-d8	8.72	98	454690	45.97	ug/l	0.00
Spiked Amount			Recovery	=	91.94%	
62) 4-Bromofluorobenzene	11.14	95	176107	46.17	ug/l	0.00
Spiked Amount			Recovery	=	92.34%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	111526	47.53	ug/l	98
3) Chloromethane	1.32	50	126518	46.88	ug/l	99
4) Vinyl Chloride	1.41	62	145716	49.28	ug/l	98
5) Bromomethane	1.64	94	84833	50.74	ug/l	99
6) Chloroethane	1.72	64	97683	51.07	ug/l	99
7) Trichlorofluoromethane	1.93	101	252759	56.10	ug/l	97
8) Diethyl Ether	2.19	74	90487	56.84	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	139117	57.22	ug/l	99
10) Methyl Iodide	2.51	142	139487	40.79	ug/l	99
11) Tert butyl alcohol	3.09	59	177521	269.94	ug/l	98
12) 1,1-Dichloroethene	2.37	96	124581	51.85	ug/l	96
13) Acrolein	2.30	56	85672	268.03	ug/l	100
14) Allyl chloride	2.73	41	246850	47.34	ug/l	98
15) Acrylonitrile	3.15	53	390047	285.31	ug/l	100
16) Acetone	2.45	43	366818	265.43	ug/l	98
17) Carbon Disulfide	2.57	76	282881	44.67	ug/l	98
18) Methyl Acetate	2.78	43	190873	59.54	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	471932	56.72	ug/l	99
20) Methylene Chloride	2.86	84	142614	56.22	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	133287	50.30	ug/l	99
22) Diisopropyl ether	3.88	45	435694	50.01	ug/l	98
23) Vinyl Acetate	3.83	43	1866087	220.75	ug/l	99
24) 1,1-Dichloroethane	3.70	63	222934	43.26	ug/l	100
25) 2-Butanone	4.71	43	496627	224.40	ug/l	99
26) 2,2-Dichloropropane	4.59	77	160076	39.73	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	131943	45.79	ug/l	94
28) Bromochloromethane	5.02	49	116268	53.28	ug/l	99
29) Tetrahydrofuran	5.17	42	325931	228.42	ug/l	99
30) Chloroform	5.22	83	236397	47.53	ug/l	98
31) Cyclohexane	5.58	56	200739	49.26	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	205008	48.61	ug/l	99
36) 1,1-Dichloropropene	5.80	75	169095	49.02	ug/l	100
37) Ethyl Acetate	4.87	43	196666	47.41	ug/l	100
38) Carbon Tetrachloride	5.79	117	180598	50.04	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060818\
 Data File : VX002412.D
 Acq On : 08 Jun 2018 19:50
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 09 01:52:02 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)
39) Methylcyclohexane	7.46	83	203465	47.75	ug/l	98
40) Benzene	6.15	78	508705	48.09	ug/l	98
41) Methacrylonitrile	5.07	41	113486	47.79	ug/l	99
42) 1,2-Dichloroethane	6.20	62	200020	47.60	ug/l	100
43) Isopropyl Acetate	6.47	43	327830	46.52	ug/l	99
44) Trichloroethene	7.22	130	144965	49.38	ug/l	99
45) 1,2-Dichloropropane	7.52	63	136362	47.75	ug/l	98
46) Dibromomethane	7.67	93	91220	47.12	ug/l	99
47) Bromodichloromethane	7.90	83	170699	48.76	ug/l	96
48) Methyl methacrylate	7.78	41	168481	47.60	ug/l	98
49) 1,4-Dioxane	7.76	88	64906	980.74	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	1091263	248.68	ug/l	100
52) Toluene	8.79	92	336512	50.02	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	197957	47.15	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	186051	46.97	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	137552	49.71	ug/l	99
56) Ethyl methacrylate	9.19	69	216001	48.90	ug/l	98
57) 1,3-Dichloropropane	9.38	76	227165	48.94	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	499807	244.46	ug/l	99
59) 2-Hexanone	9.50	43	830688	245.08	ug/l	99
60) Dibromochloromethane	9.59	129	139658	50.18	ug/l	99
61) 1,2-Dibromoethane	9.68	107	146060	50.63	ug/l	100
64) Tetrachloroethene	9.34	164	158801	47.87	ug/l	98
65) Chlorobenzene	10.14	112	389546	48.67	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	143361	49.46	ug/l	99
67) Ethyl Benzene	10.26	91	669907	50.01	ug/l	99
68) m/p-Xylenes	10.36	106	525536	100.92	ug/l	99
69) o-Xylene	10.70	106	256906	49.58	ug/l	99
70) Styrene	10.71	104	427895	50.51	ug/l	99
71) Bromoform	10.86	173	110575	43.11	ug/l #	98
73) Isopropylbenzene	11.02	105	706195	48.45	ug/l	100
74) N-amyl acetate	6.47	43	327830	41.74	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	208939	45.58	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	242055	52.65	ug/l	79
77) Bromobenzene	11.26	156	190229	46.49	ug/l	97
78) n-propylbenzene	11.37	91	799382	49.34	ug/l	99
79) 2-Chlorotoluene	11.43	91	473050	46.24	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	604302	48.34	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	52348	39.91	ug/l	95
82) 4-Chlorotoluene	11.51	91	562099	47.60	ug/l	100
83) tert-Butylbenzene	11.77	119	593311	48.73	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	616893	47.93	ug/l	98
85) sec-Butylbenzene	11.95	105	726241	50.88	ug/l	100
86) p-Isopropyltoluene	12.07	119	652081	50.16	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	348778	47.67	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	355996	47.20	ug/l	99
89) n-Butylbenzene	12.39	91	561854	51.53	ug/l	99
90) Hexachloroethane	12.60	117	96247	46.38	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	358380	47.34	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	47125	47.01	ug/l	97

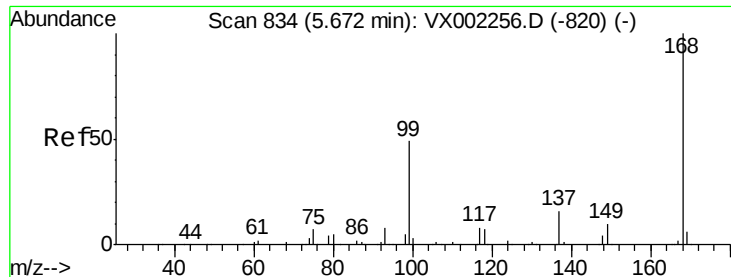
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060818\
Data File : VX002412.D
Acq On : 08 Jun 2018 19:50
Operator : JC/MD
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: Jun 09 01:52:02 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)
93) 1,2,4-Trichlorobenzene	13.65	180	257127	48.44	ug/l	100
94) Hexachlorobutadiene	13.79	225	137045	52.25	ug/l	99
95) Naphthalene	13.84	128	741401	48.61	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	265185	48.99	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: VX002412.D

Acq: 08 Jun 2018 19:50

Instrument :

MSVOA_X

ClientSampleId :

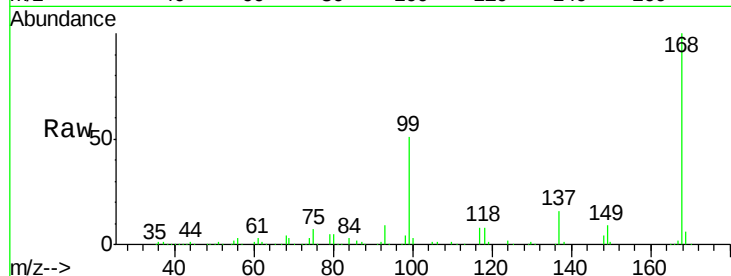
VSTDCCC050EC

Tot Ion:168 Resp: 225712

Ion Ratio Lower Upper

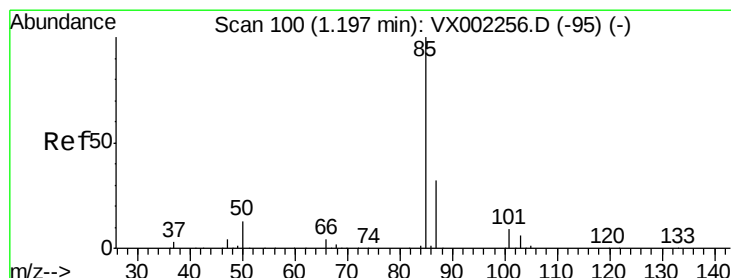
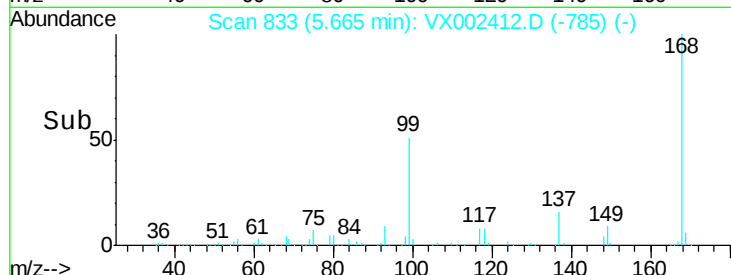
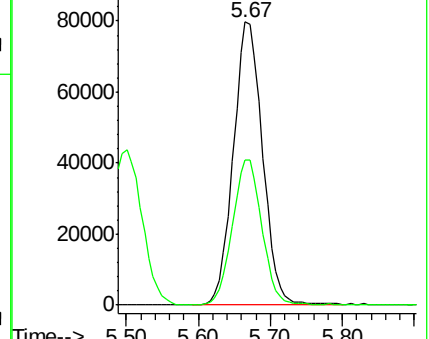
168 100

99 51.2 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: 47.53 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX002412.D

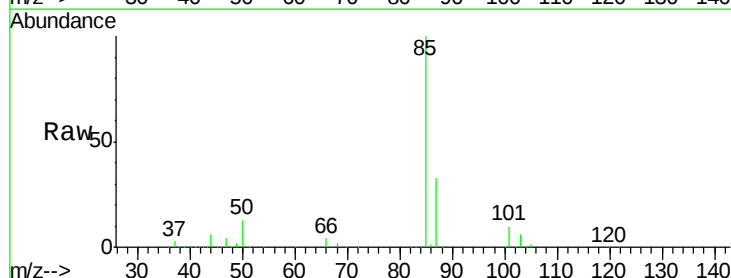
Acq: 08 Jun 2018 19:50

Tgt Ion: 85 Resp: 111526

Ion Ratio Lower Upper

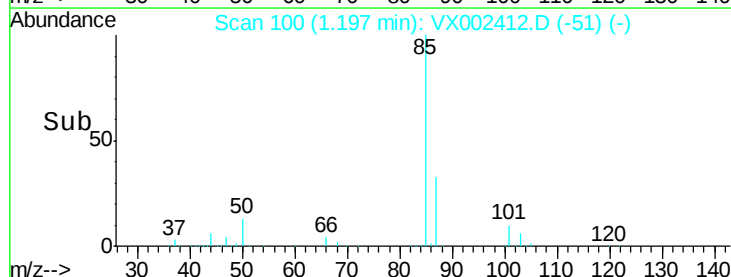
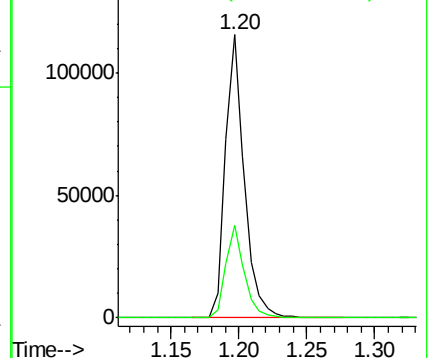
85 100

87 32.8 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: 46.88 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002412.D

Acq: 08 Jun 2018 19:50

Instrument :

MSVOA_X

ClientSampleId :

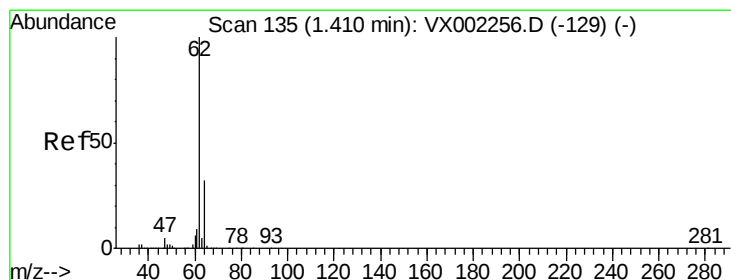
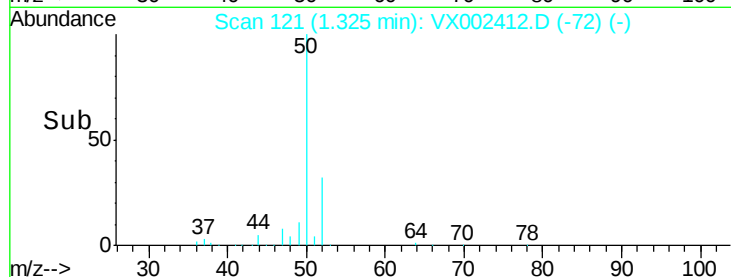
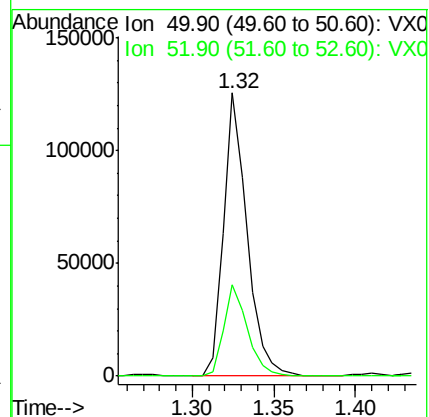
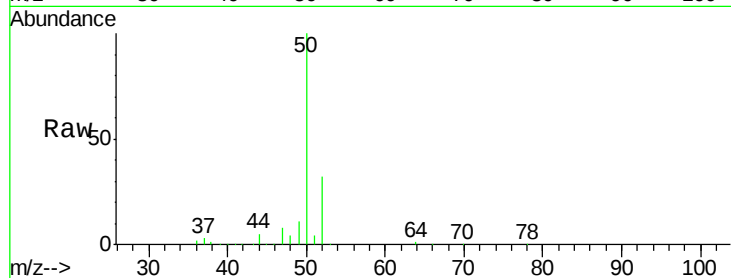
VSTDCCC050EC

Tot Ion: 50 Resp: 126518

Ion Ratio Lower Upper

50 100

52 32.5 25.7 38.5



#4

Vinyl Chloride

Concen: 49.28 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX002412.D

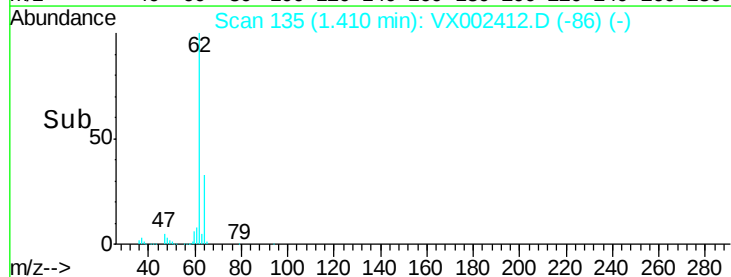
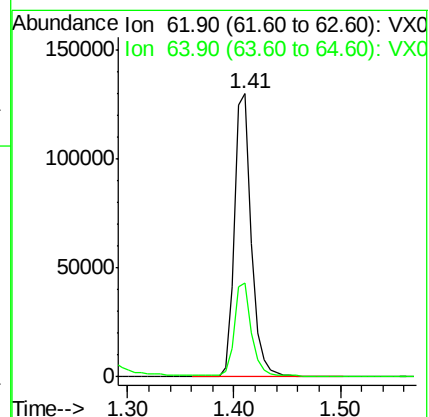
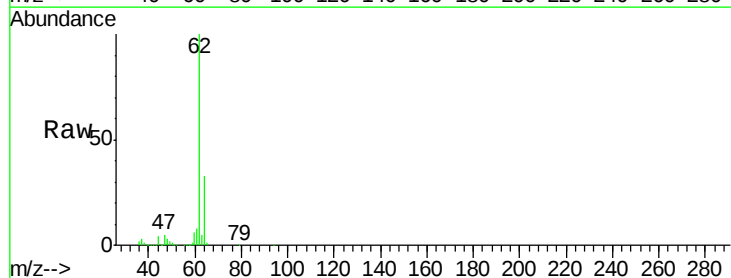
Acq: 08 Jun 2018 19:50

Tgt Ion: 62 Resp: 145716

Ion Ratio Lower Upper

62 100

64 33.1 25.4 38.2





#5

Bromomethane

Concen: 50.74 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002412.D

Acq: 08 Jun 2018 19:50

Instrument :

MSVOA_X

ClientSampleId :

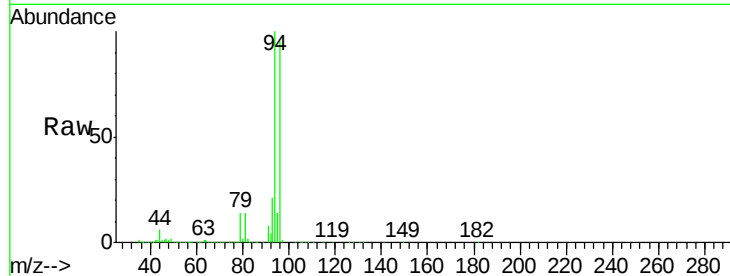
VSTDCCC050EC

Tot Ion: 94 Resp: 84833

Ion Ratio Lower Upper

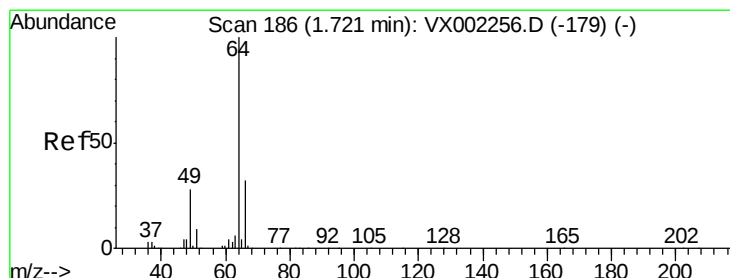
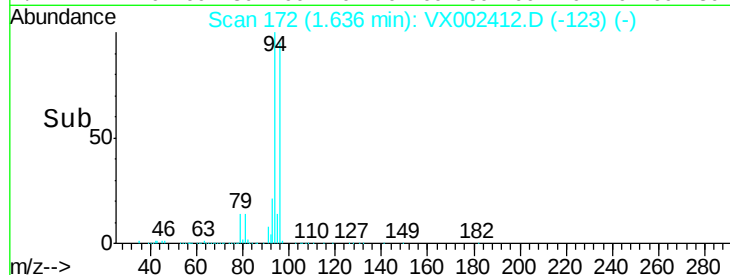
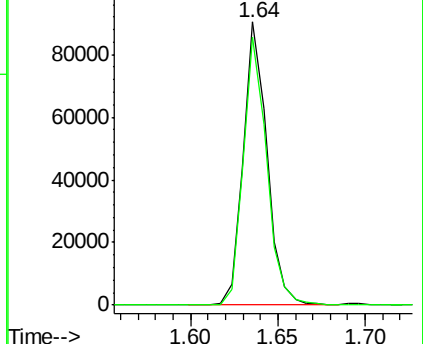
94 100

96 94.6 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 51.07 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.00 min

Lab File: VX002412.D

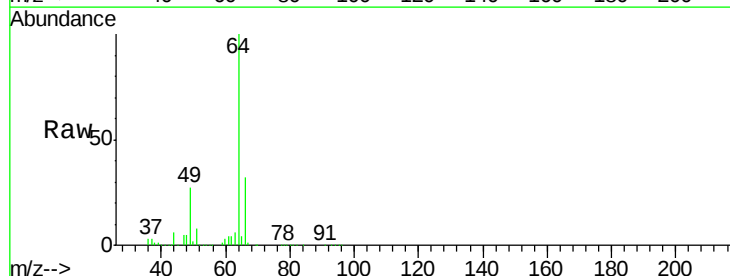
Acq: 08 Jun 2018 19:50

Tgt Ion: 64 Resp: 97683

Ion Ratio Lower Upper

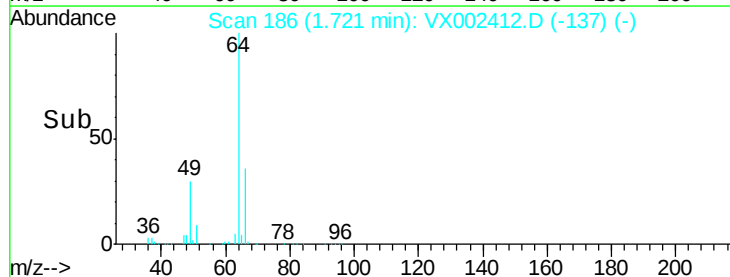
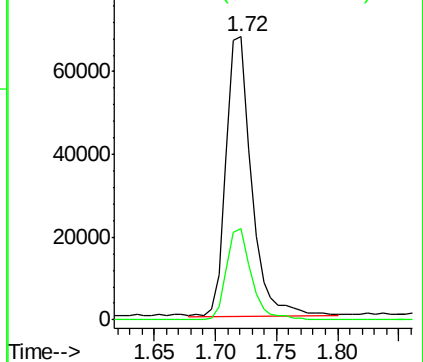
64 100

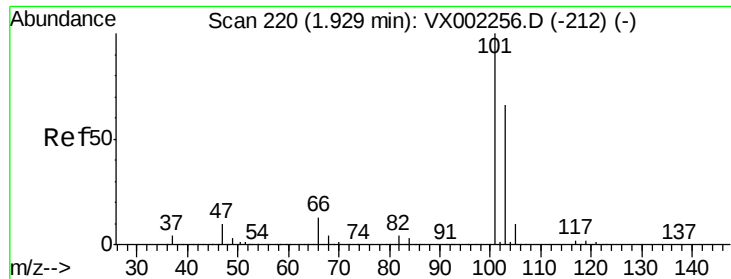
66 32.6 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 56.10 ug/l

RT: 1.93 min Scan# 220

Delta R.T. -0.00 min

Lab File: VX002412.D

Acq: 08 Jun 2018 19:50

Instrument :

MSVOA_X

ClientSampleId :

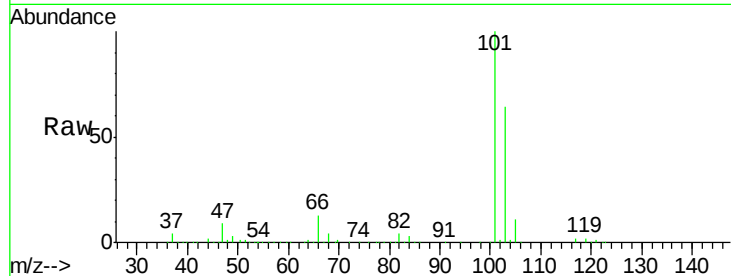
VSTDCCC050EC

Tot Ion:101 Resp: 252759

Ion Ratio Lower Upper

101 100

103 63.9 52.8 79.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

1.93

150000

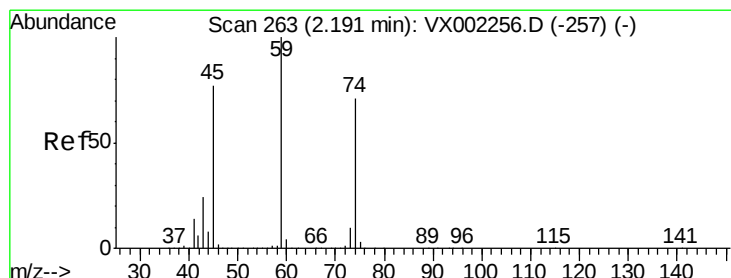
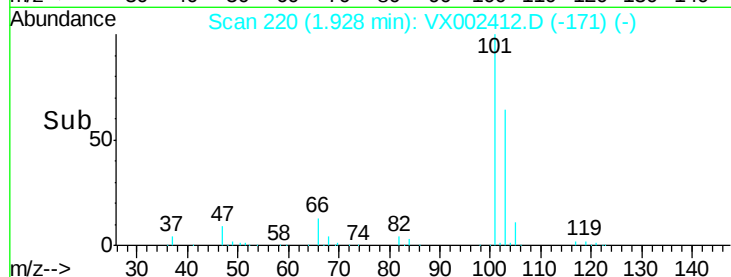
100000

50000

0

Time-->

1.80 1.90 2.00 2.10



#8

Diethyl Ether

Concen: 56.84 ug/l

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX002412.D

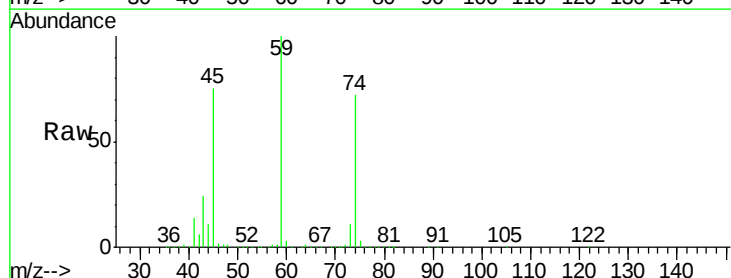
Acq: 08 Jun 2018 19:50

Tgt Ion: 74 Resp: 90487

Ion Ratio Lower Upper

74 100

45 103.3 53.1 159.4



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

2.19

60000

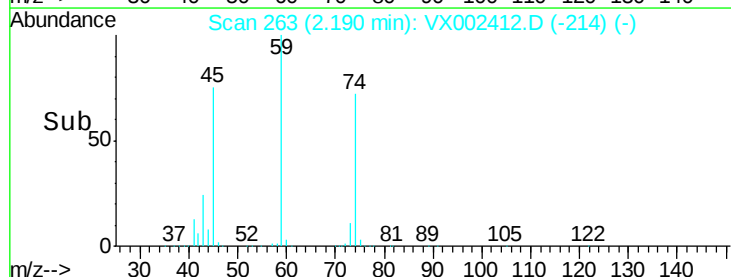
40000

20000

0

Time-->

2.10 2.20 2.30





#9

1,1,2-Trichlorotrifluoroethane

Concen: 57.22 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX002412.D

Acq: 08 Jun 2018 19:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

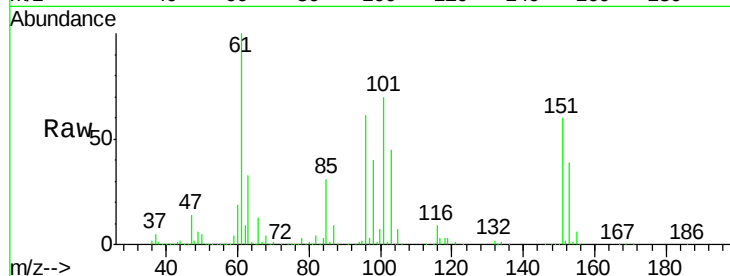
Tot Ion:101 Resp: 139117

Ion Ratio Lower Upper

101 100

85 45.5 36.0 54.0

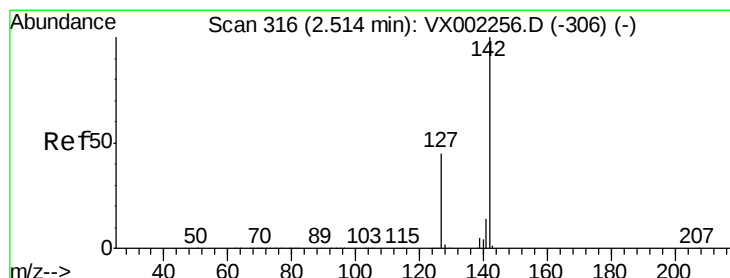
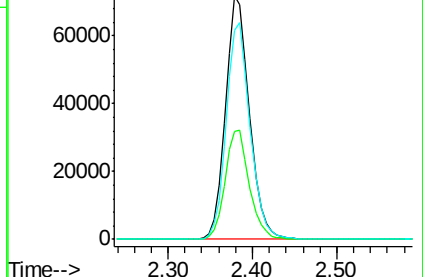
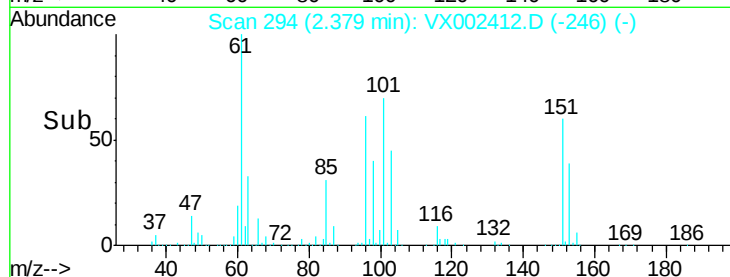
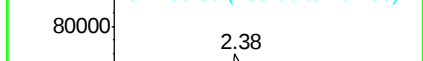
151 89.3 70.9 106.3



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: 40.79 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.00 min

Lab File: VX002412.D

Acq: 08 Jun 2018 19:50

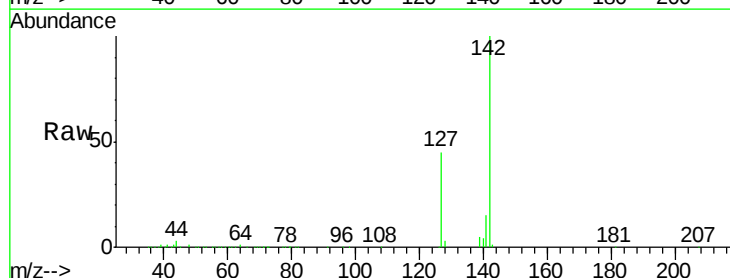
Tgt Ion:142 Resp: 139487

Ion Ratio Lower Upper

142 100

127 46.7 36.6 55.0

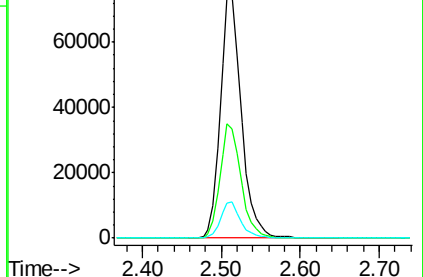
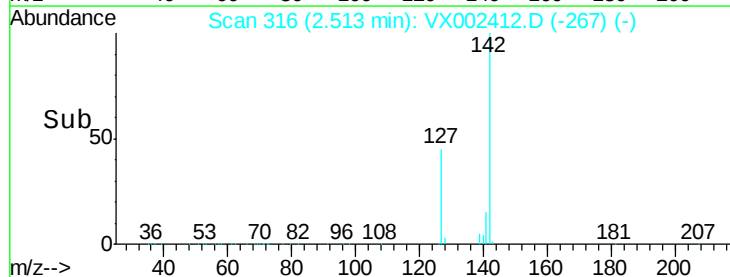
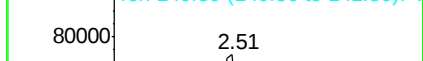
141 14.3 11.3 16.9

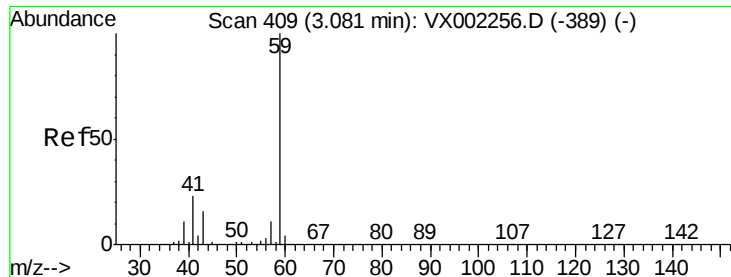


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



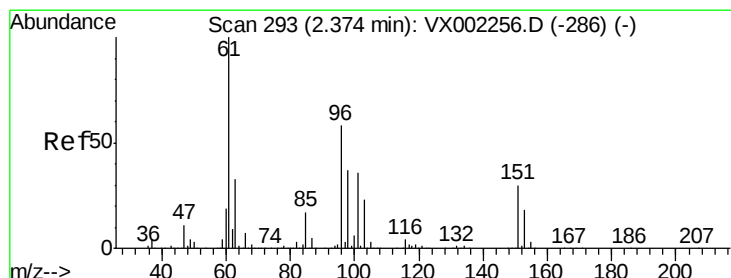
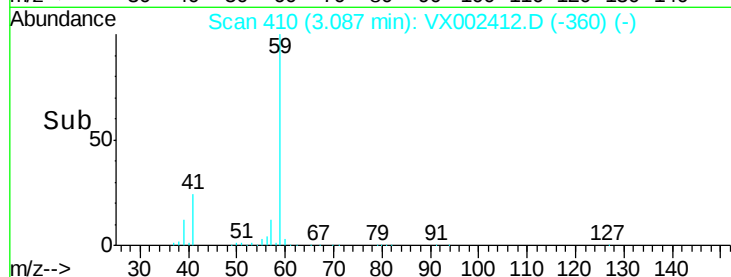
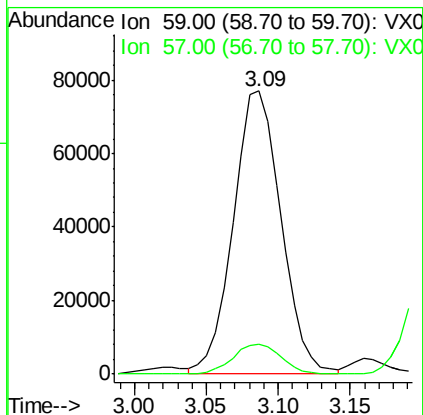
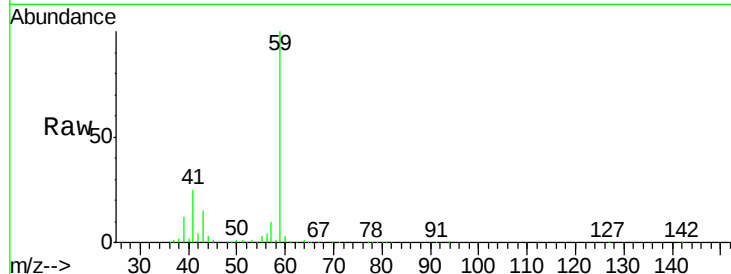


#11

Tert butyl alcohol
 Concen: 269.94 ug/l
 RT: 3.09 min Scan# 410
 Delta R.T. 0.01 min
 Lab File: VX002412.D
 Acq: 08 Jun 2018 19:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

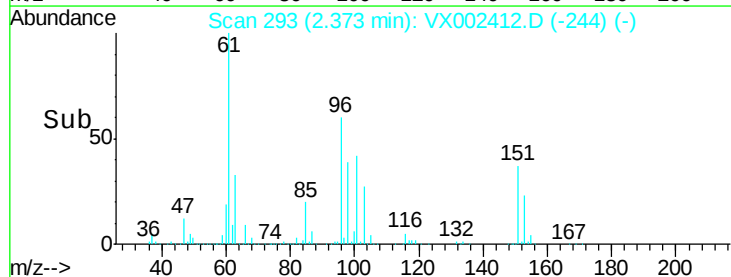
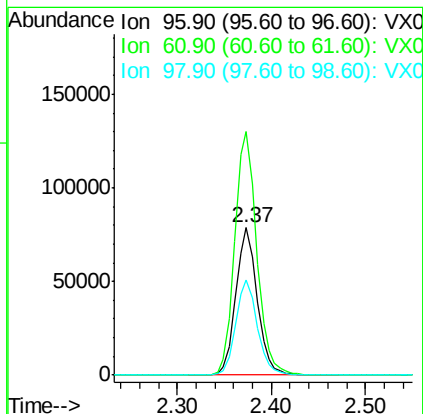
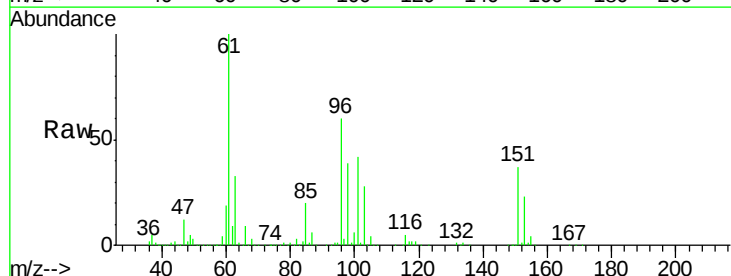
Tot Ion: 59 Resp: 177521
 Ion Ratio Lower Upper
 59 100
 57 11.0 8.2 12.2

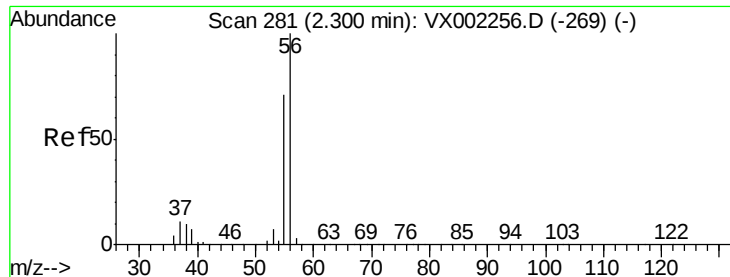


#12

1,1-Dichloroethene
 Concen: 51.85 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VX002412.D
 Acq: 08 Jun 2018 19:50

Tgt Ion: 96 Resp: 124581
 Ion Ratio Lower Upper
 96 100
 61 165.6 137.9 206.9
 98 64.3 51.6 77.4





#13

Acrolein

Concen: 268.03 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX002412.D

Acq: 08 Jun 2018 19:50

Instrument :

MSVOA_X

ClientSampleId :

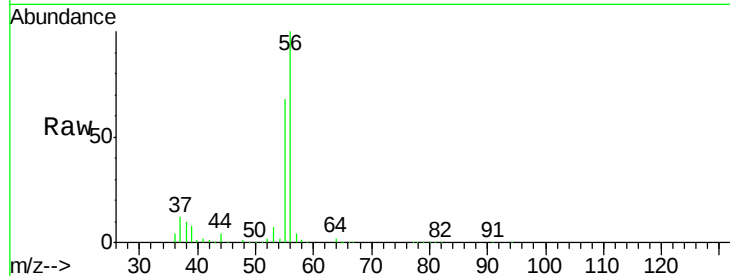
VSTDCCC050EC

Tot Ion: 56 Resp: 85672

Ion Ratio Lower Upper

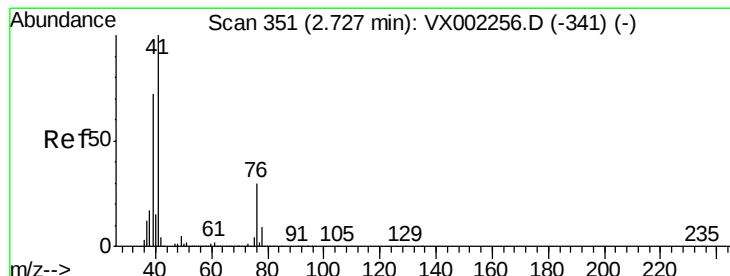
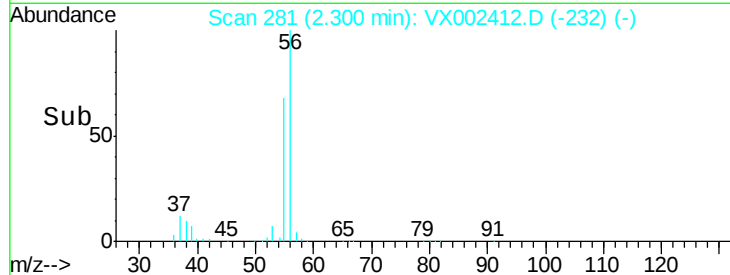
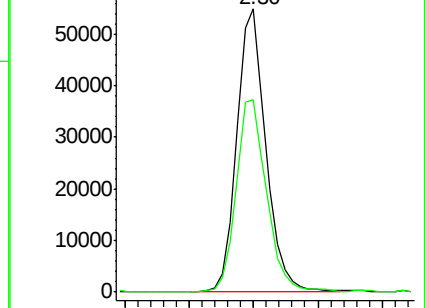
56 100

55 70.9 57.0 85.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 47.34 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002412.D

Acq: 08 Jun 2018 19:50

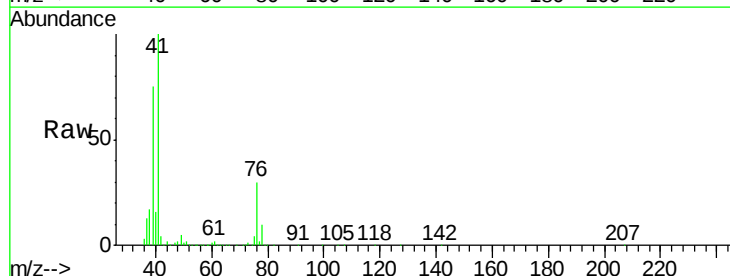
Tgt Ion: 41 Resp: 246850

Ion Ratio Lower Upper

41 100

39 72.7 56.8 85.2

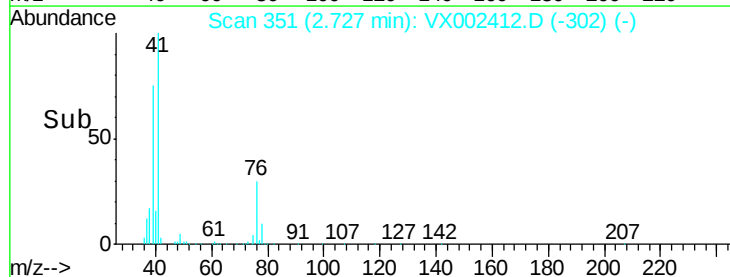
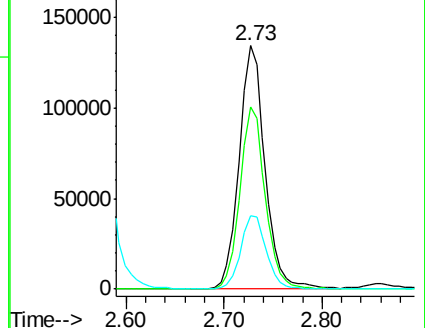
76 29.9 23.8 35.8

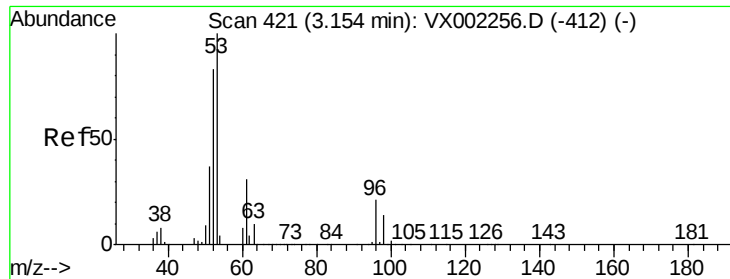


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 285.31 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002412.D

Acq: 08 Jun 2018 19:50

Instrument :

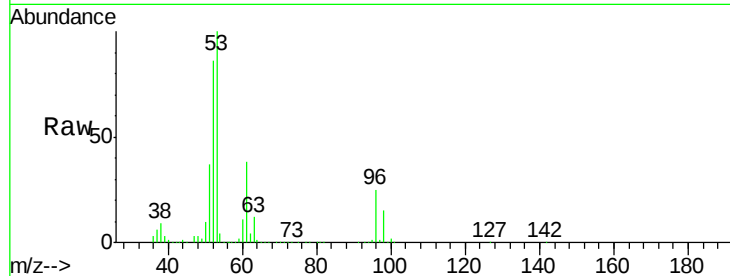
MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 53 Resp: 390047

Ion	Ratio	Lower	Upper
53	100		
52	83.5	66.7	100.1
51	37.9	29.9	44.9

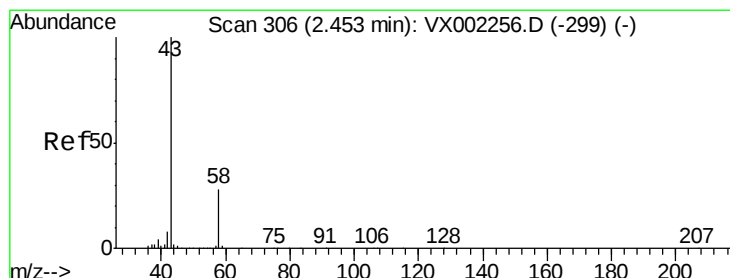
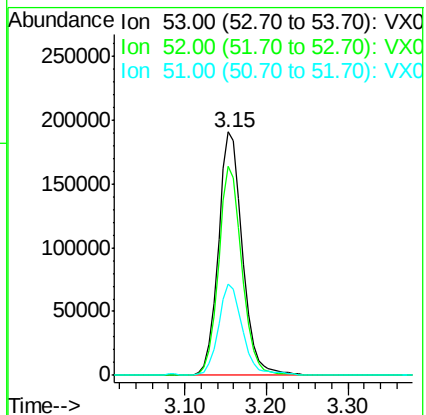
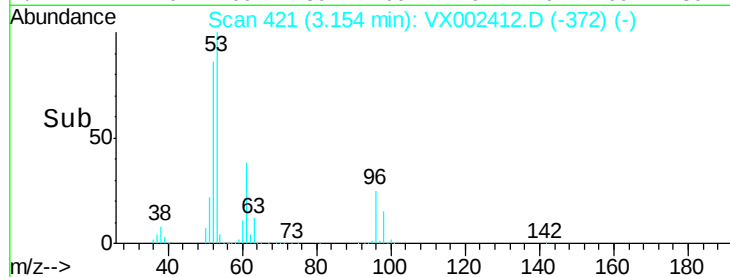


Abundance

Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 265.43 ug/l

RT: 2.45 min Scan# 306

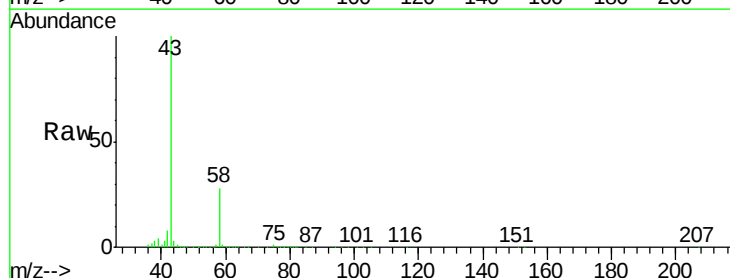
Delta R.T. 0.00 min

Lab File: VX002412.D

Acq: 08 Jun 2018 19:50

Tgt Ion: 43 Resp: 366818

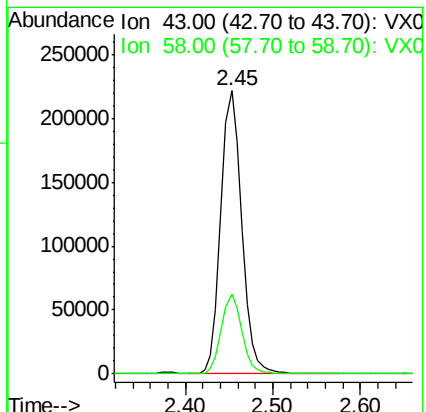
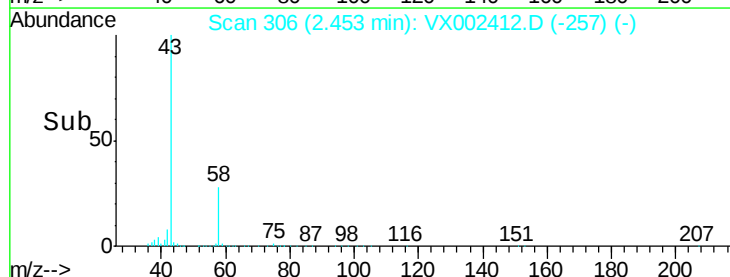
Ion	Ratio	Lower	Upper
43	100		
58	28.4	22.1	33.1

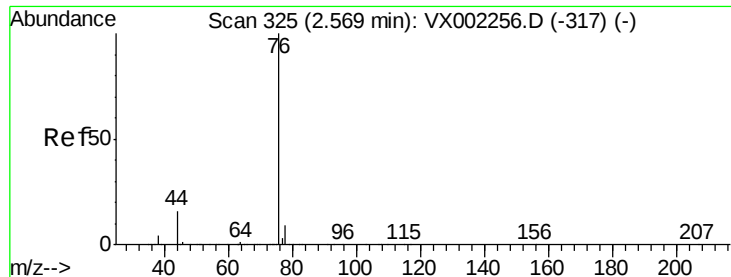


Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

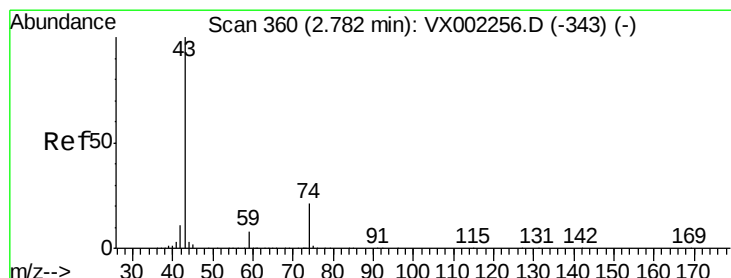
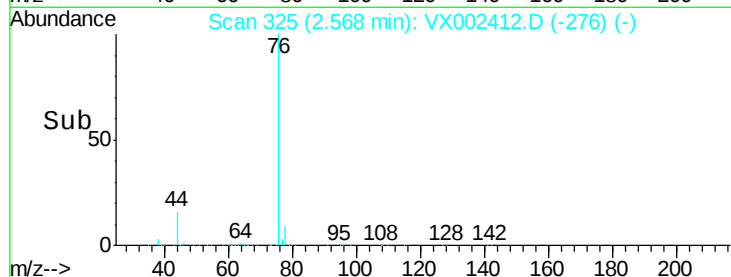
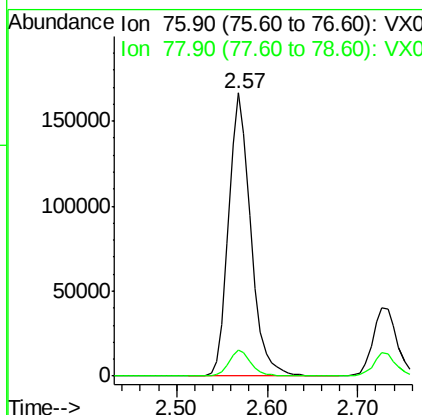
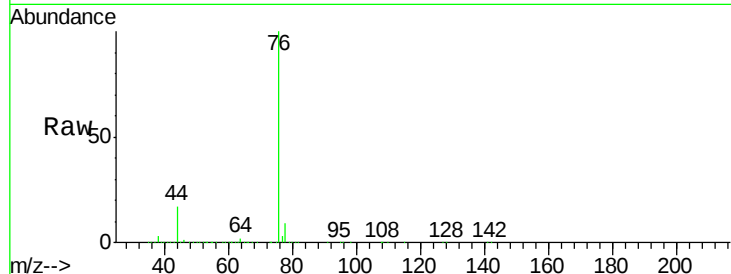




#17
Carbon Disulfide
Concen: 44.67 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX002412.D
Acq: 08 Jun 2018 19:50

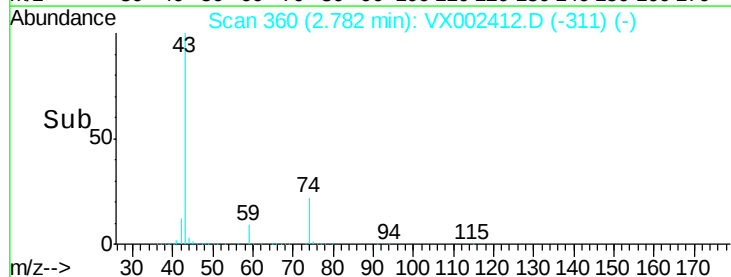
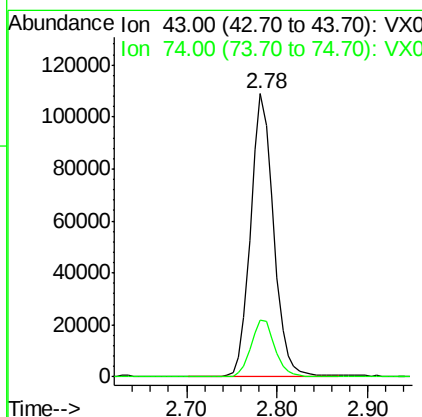
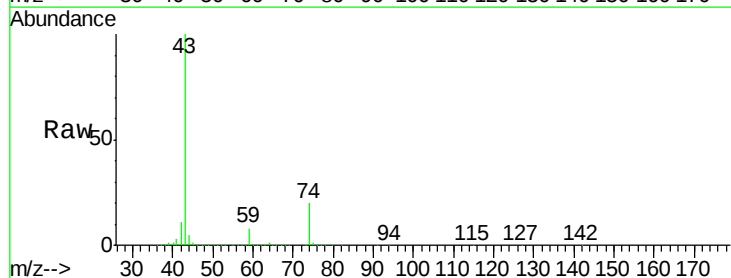
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

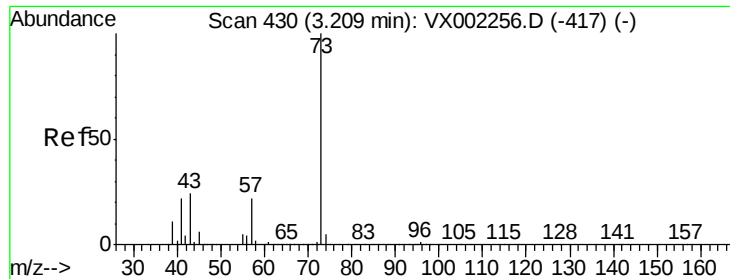
Tot Ion: 76 Resp: 282881
Ion Ratio Lower Upper
76 100
78 9.4 6.9 10.3



#18
Methyl Acetate
Concen: 59.54 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX002412.D
Acq: 08 Jun 2018 19:50

Tgt Ion: 43 Resp: 190873
Ion Ratio Lower Upper
43 100
74 20.5 16.7 25.1



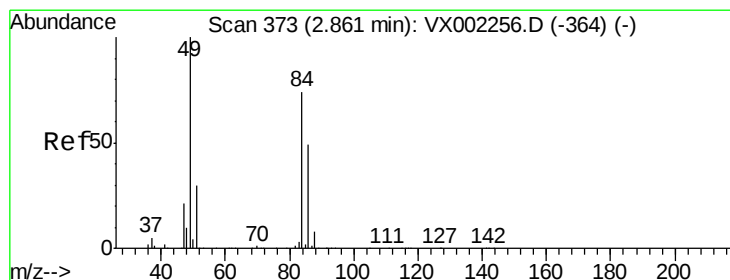
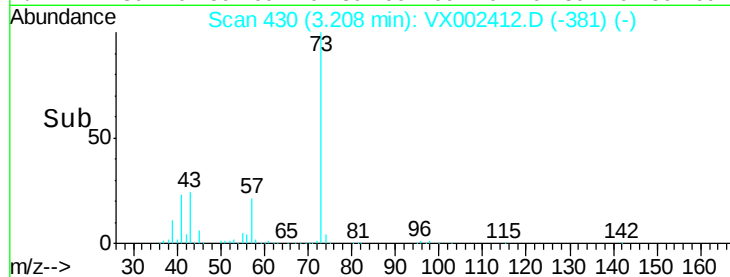
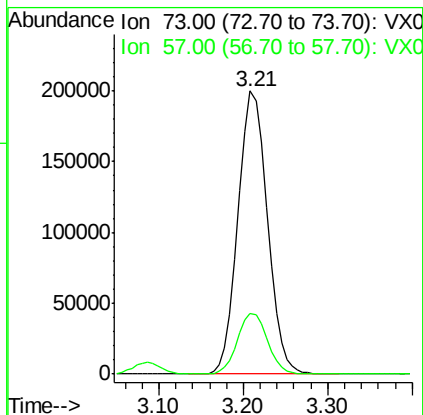
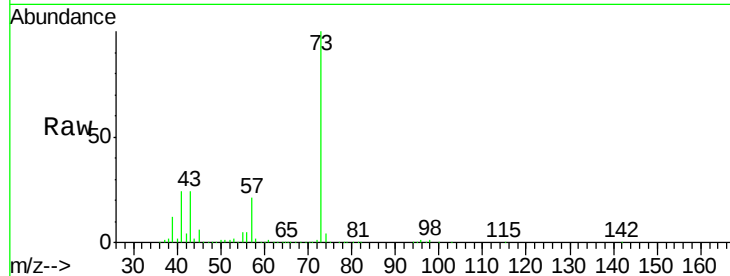


#19

Methyl tert-butyl Ether
 Concen: 56.72 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. 0.00 min
 Lab File: VX002412.D
 Acq: 08 Jun 2018 19:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

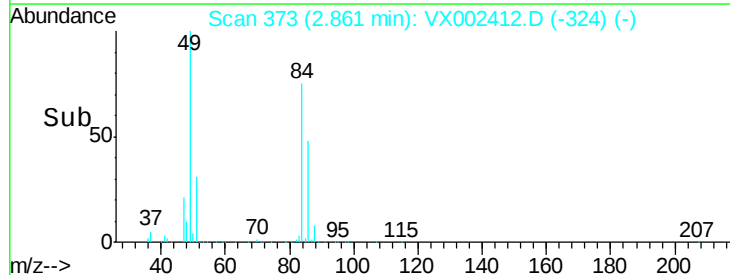
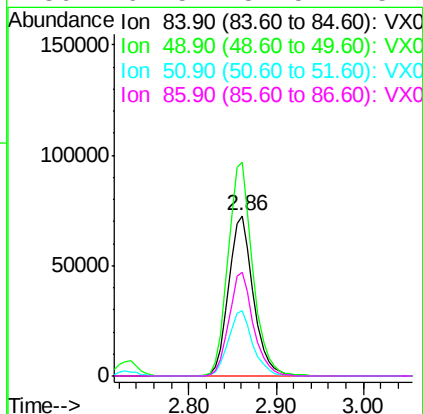
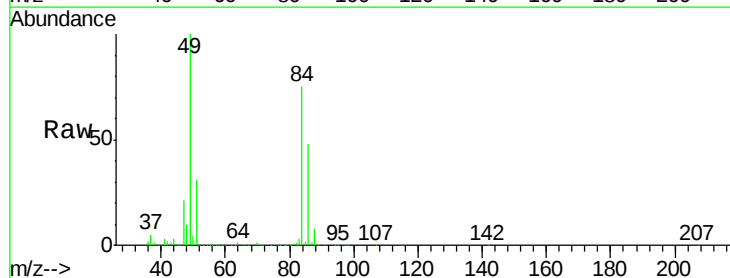
Tot Ion: 73 Resp: 471932
 Ion Ratio Lower Upper
 73 100
 57 21.4 17.7 26.5

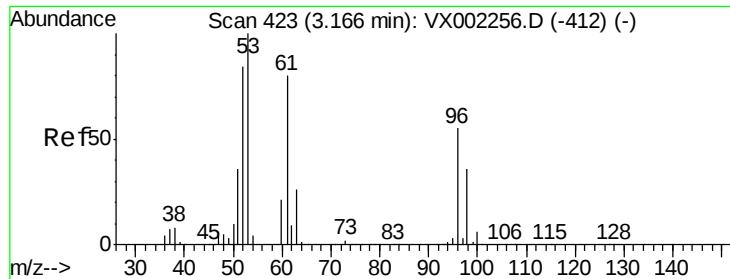


#20

Methylene Chloride
 Concen: 56.22 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. -0.00 min
 Lab File: VX002412.D
 Acq: 08 Jun 2018 19:50

Tgt Ion: 84 Resp: 142614
 Ion Ratio Lower Upper
 84 100
 49 133.1 107.8 161.6
 51 40.8 32.8 49.2
 86 64.5 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 50.30 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002412.D

Acq: 08 Jun 2018 19:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

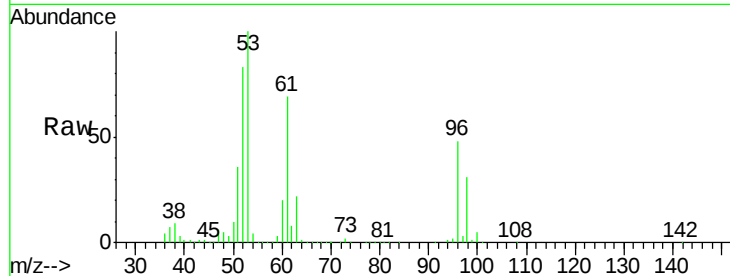
Tot Ion: 96 Resp: 133287

Ion Ratio Lower Upper

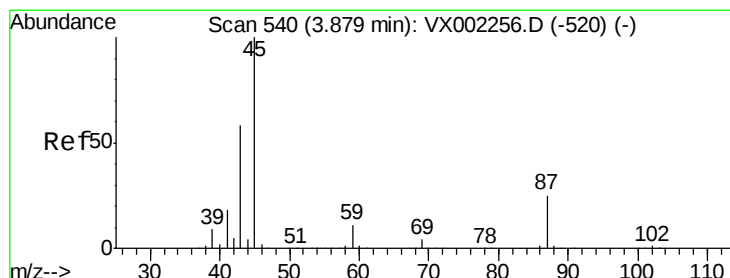
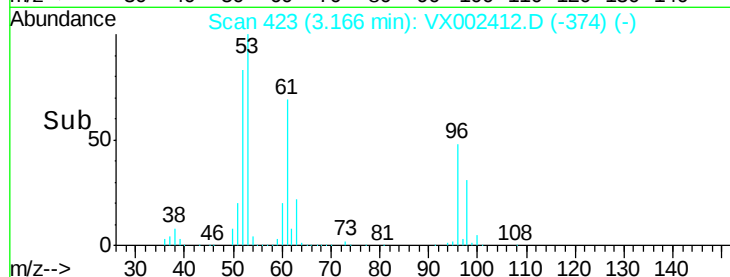
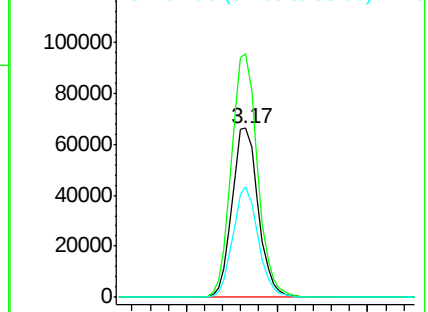
96 100

61 144.0 117.0 175.4

98 65.2 52.4 78.6



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



#22

Diisopropyl ether

Concen: 50.01 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX002412.D

Acq: 08 Jun 2018 19:50

Tgt Ion: 45 Resp: 435694

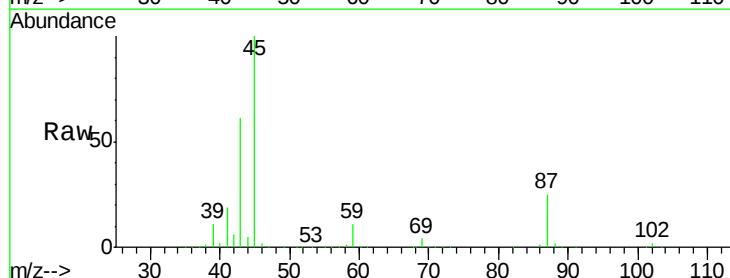
Ion Ratio Lower Upper

45 100

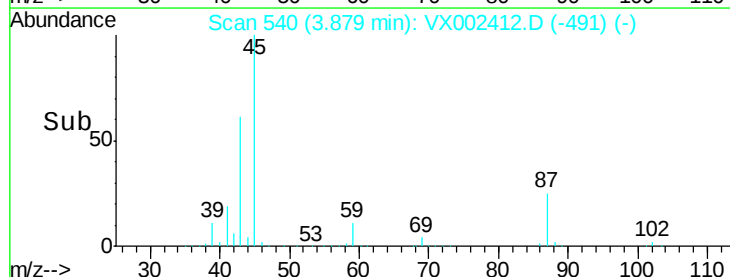
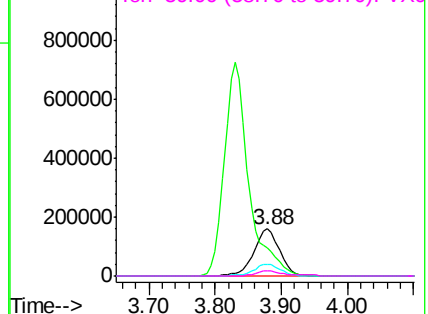
43 61.2 46.8 70.2

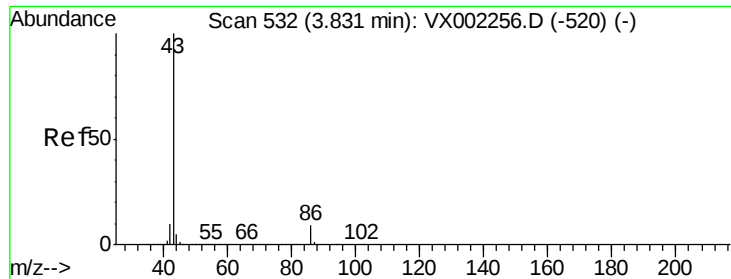
87 25.1 20.2 30.4

59 10.8 8.7 13.1



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





#23

Vinyl Acetate

Concen: 220.75 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX002412.D

Acq: 08 Jun 2018 19:50

Instrument :

MSVOA_X

ClientSampleId :

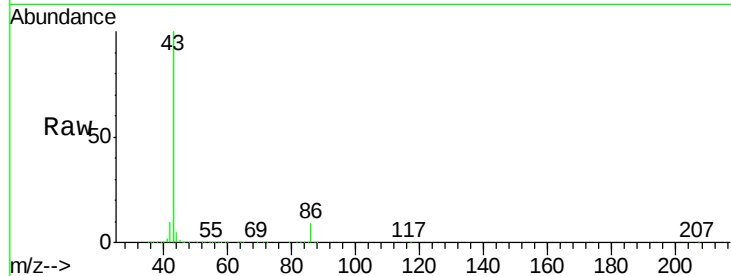
VSTDCCC050EC

Tot Ion: 43 Resp: 1866087

Ion Ratio Lower Upper

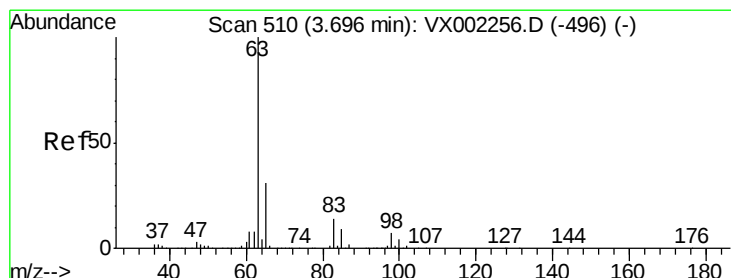
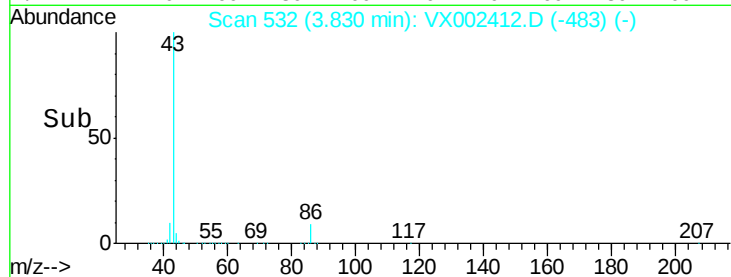
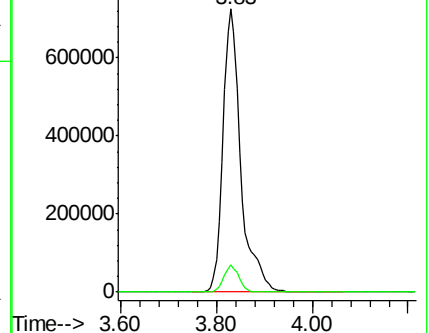
43 100

86 9.5 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: 43.26 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX002412.D

Acq: 08 Jun 2018 19:50

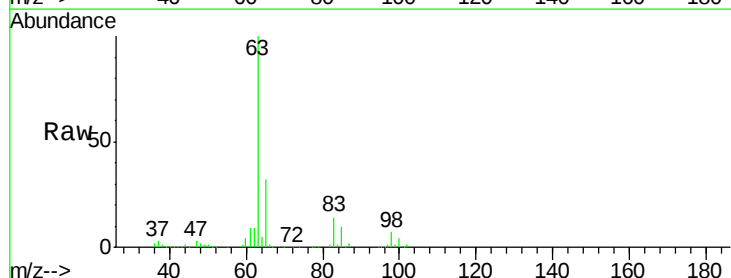
Tgt Ion: 63 Resp: 222934

Ion Ratio Lower Upper

63 100

98 6.8 3.4 10.2

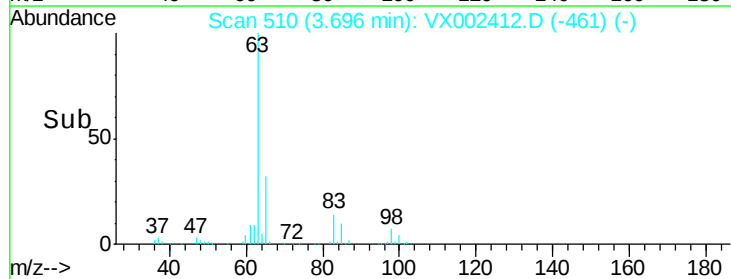
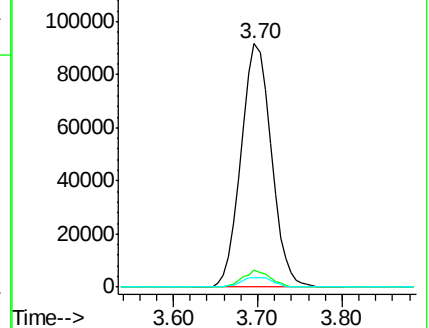
100 4.1 2.0 6.0

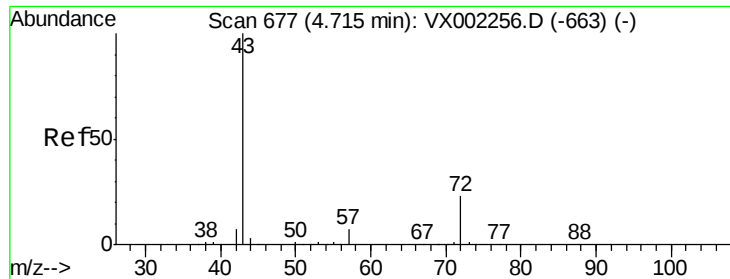


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 224.40 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX002412.D

Acq: 08 Jun 2018 19:50

Instrument :

MSVOA_X

ClientSampleId :

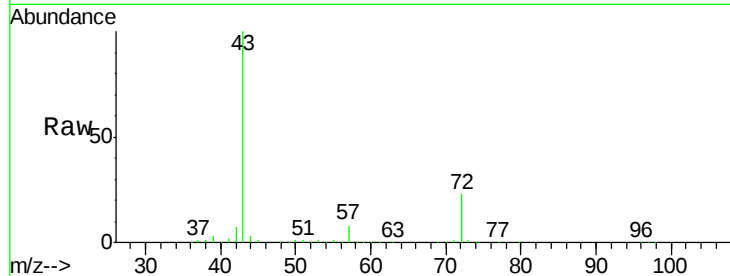
VSTDCCC050EC

Tot Ion: 43 Resp: 496627

Ion Ratio Lower Upper

43 100

72 22.8 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

200000

150000

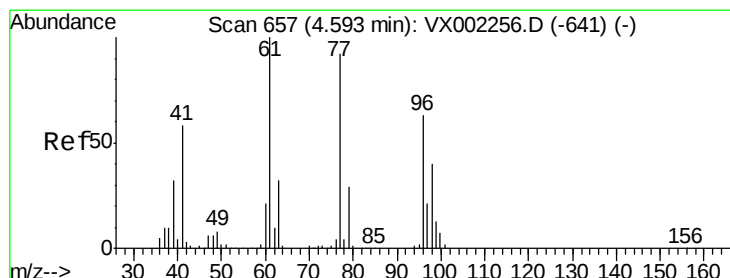
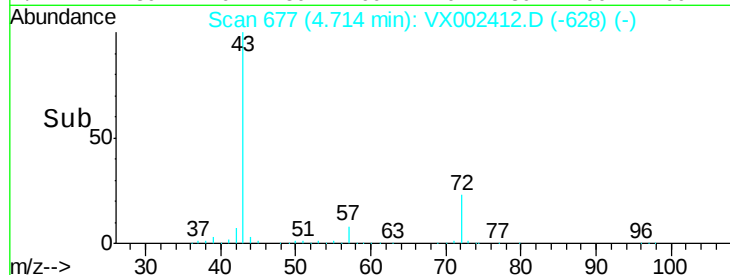
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 39.73 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX002412.D

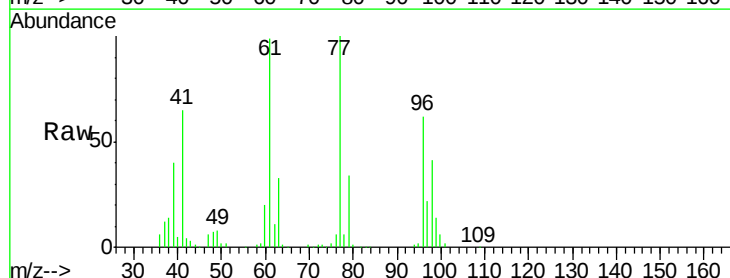
Acq: 08 Jun 2018 19:50

Tgt Ion: 77 Resp: 160076

Ion Ratio Lower Upper

77 100

97 23.1 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

60000

50000

40000

30000

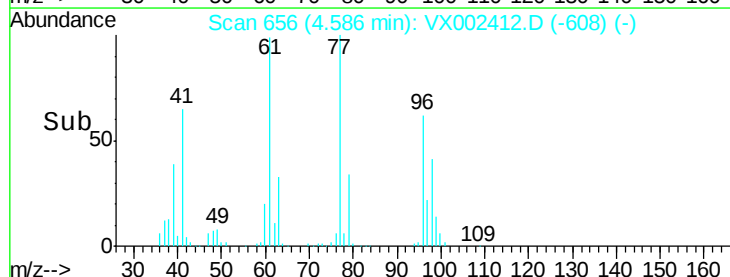
20000

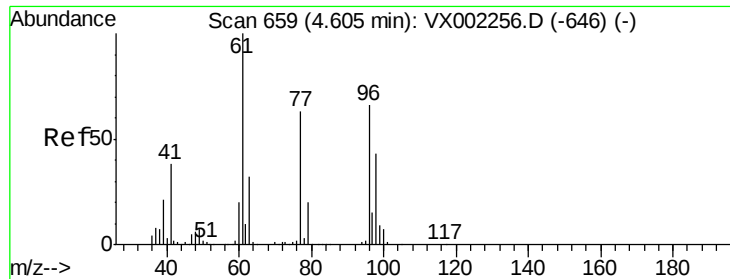
10000

0

4.50 4.60 4.70

Time-->





#27

cis-1,2-Dichloroethene

Concen: 45.79 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX002412.D

Acq: 08 Jun 2018 19:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

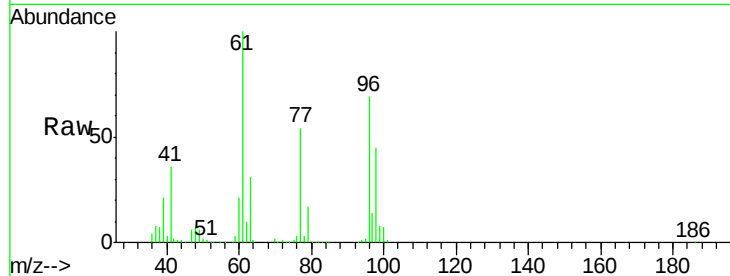
Tot Ion: 96 Resp: 131943

Ion Ratio Lower Upper

96 100

61 153.9 0.0 330.2

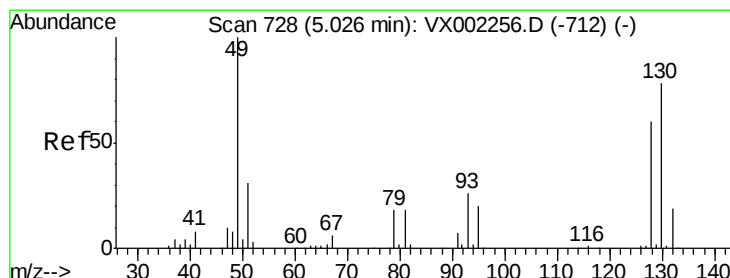
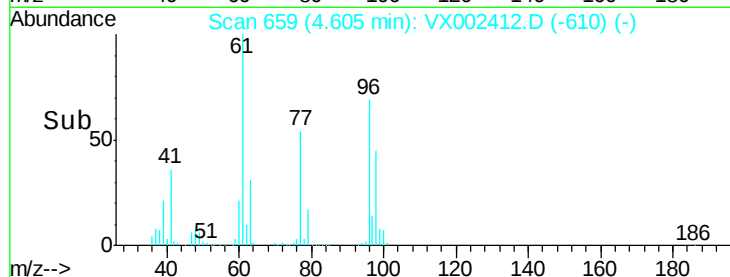
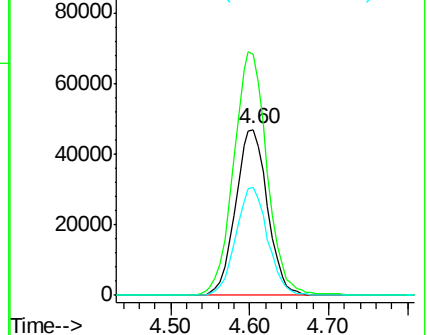
98 65.1 0.0 130.2



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: 53.28 ug/l

RT: 5.02 min Scan# 727

Delta R.T. -0.01 min

Lab File: VX002412.D

Acq: 08 Jun 2018 19:50

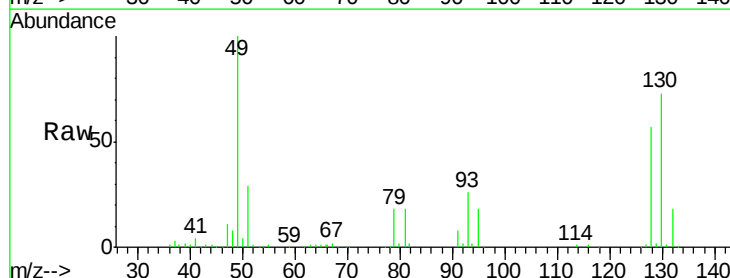
Tgt Ion: 49 Resp: 116268

Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.2

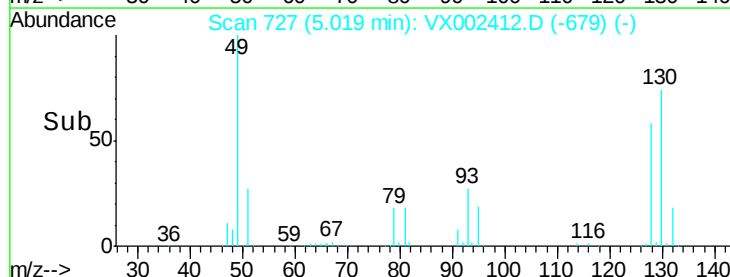
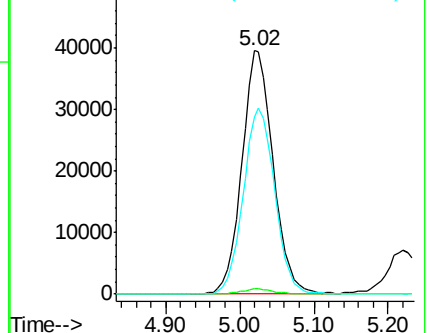
130 77.0 61.2 91.8

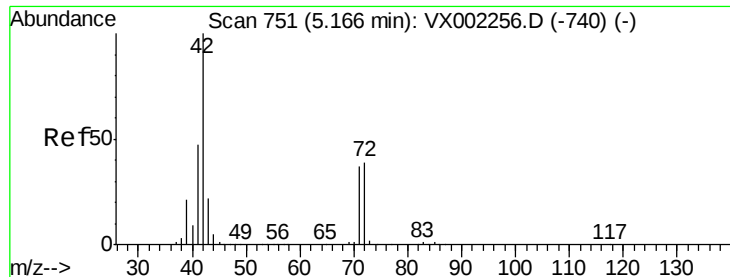


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 228.42 ug/l

RT: 5.17 min Scan# 752

Delta R.T. 0.01 min

Lab File: VX002412.D

Acq: 08 Jun 2018 19:50

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050EC

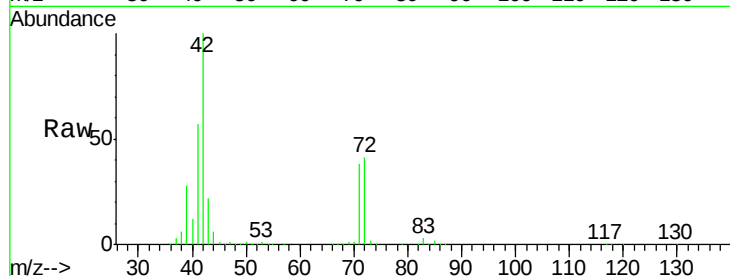
Tot Ion: 42 Resp: 325931

Ion Ratio Lower Upper

42 100

72 40.6 32.0 48.0

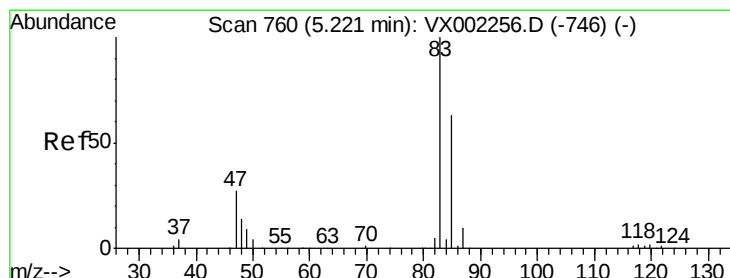
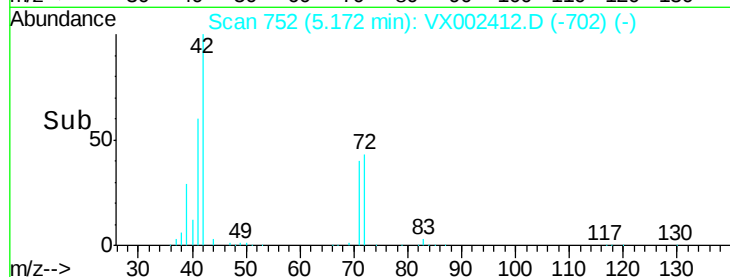
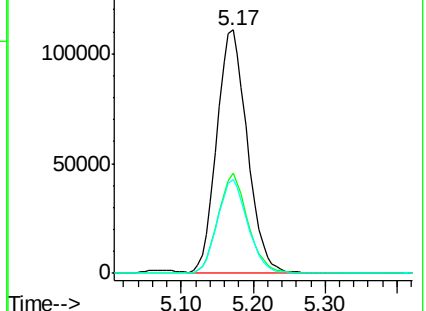
71 38.2 30.1 45.1



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 47.53 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX002412.D

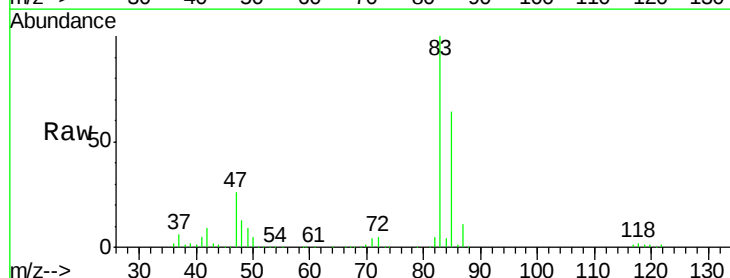
Acq: 08 Jun 2018 19:50

Tgt Ion: 83 Resp: 236397

Ion Ratio Lower Upper

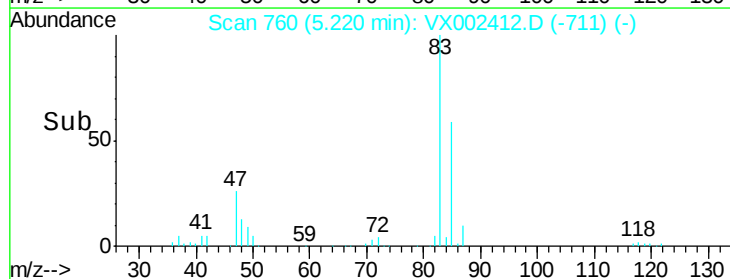
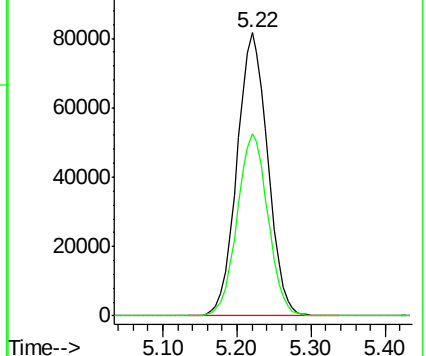
83 100

85 64.3 50.4 75.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 49.26 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX002412.D

Acq: 08 Jun 2018 19:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

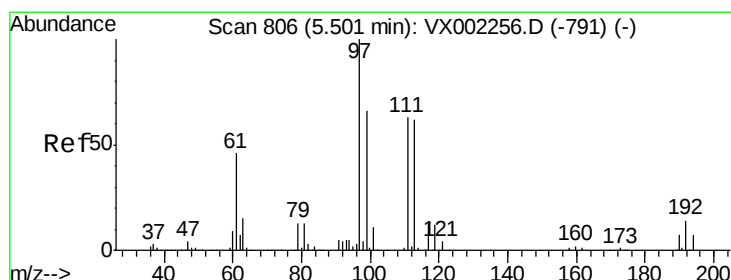
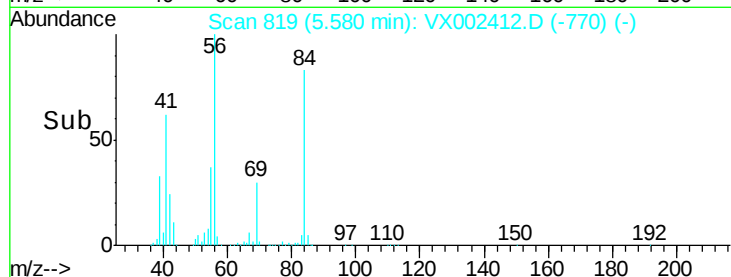
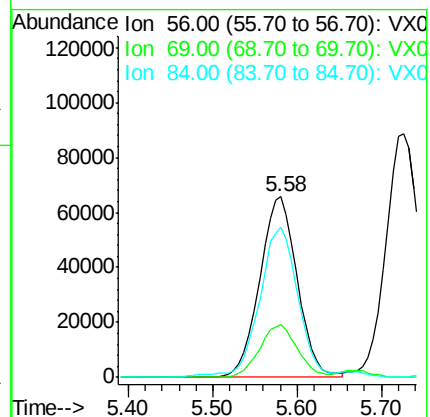
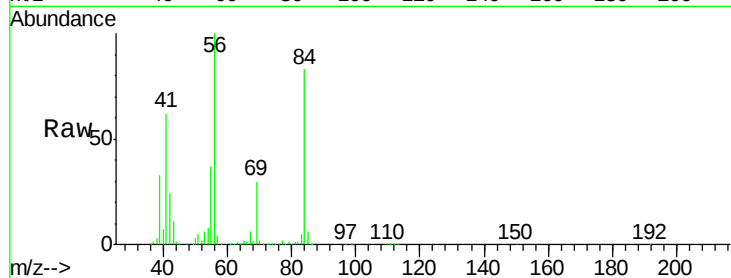
Tot Ion: 56 Resp: 200739

Ion Ratio Lower Upper

56 100

69 29.5 23.7 35.5

84 82.5 64.1 96.1



#32

1,1,1-Trichloroethane

Concen: 48.61 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX002412.D

Acq: 08 Jun 2018 19:50

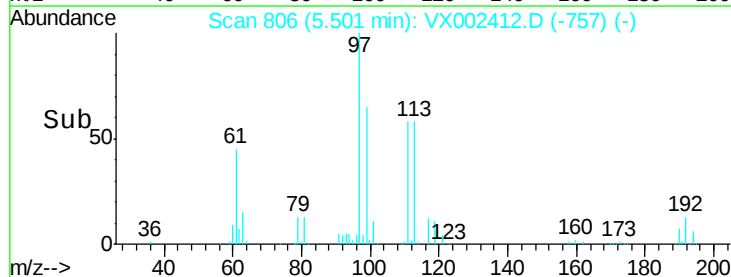
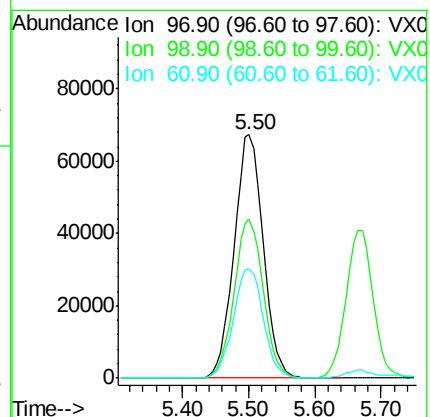
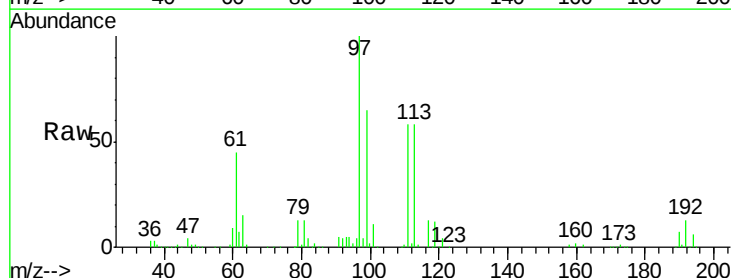
Tgt Ion: 97 Resp: 205008

Ion Ratio Lower Upper

97 100

99 65.3 51.6 77.4

61 46.3 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 47.05 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX002412.D

Acq: 08 Jun 2018 19:50

Instrument :

MSVOA_X

ClientSampleId :

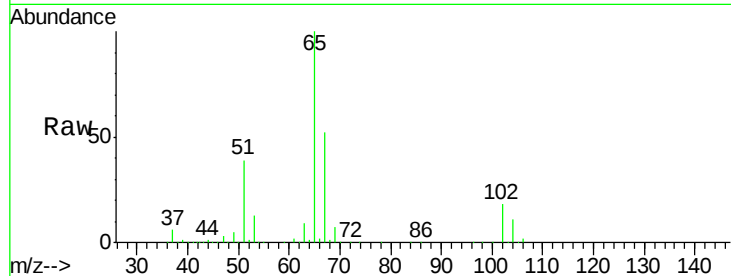
VSTDCCC050EC

Tot Ion: 65 Resp: 152514

Ion Ratio Lower Upper

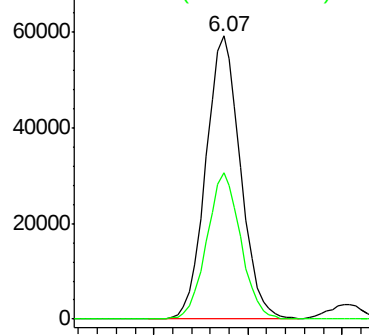
65 100

67 50.8 0.0 102.6

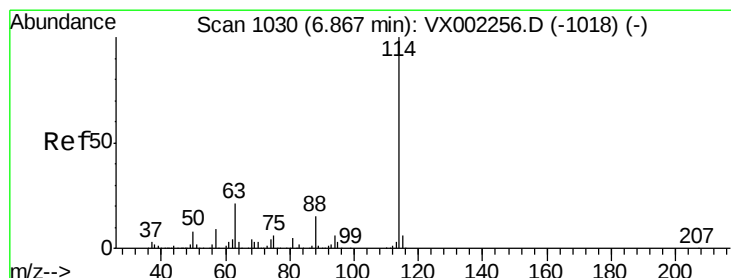
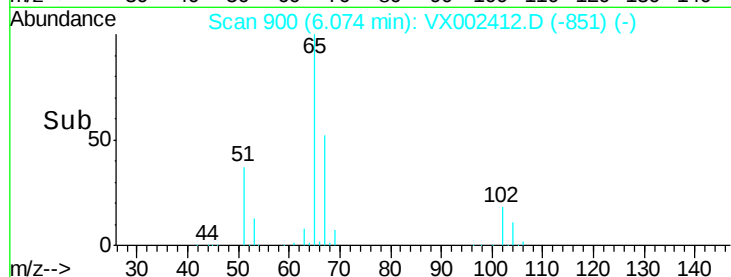


Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002412.D

Acq: 08 Jun 2018 19:50

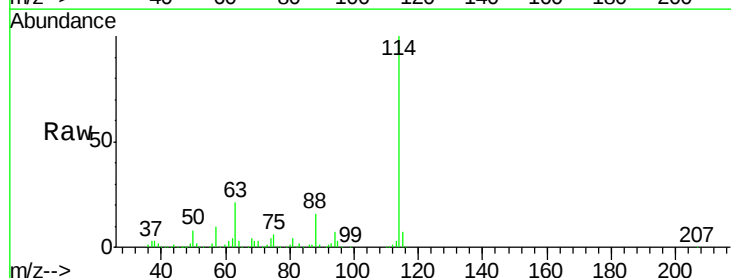
Tgt Ion: 114 Resp: 328139

Ion Ratio Lower Upper

114 100

63 20.8 0.0 41.4

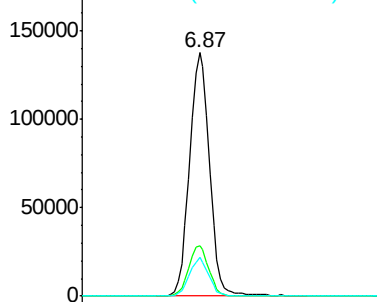
88 15.8 0.0 30.0



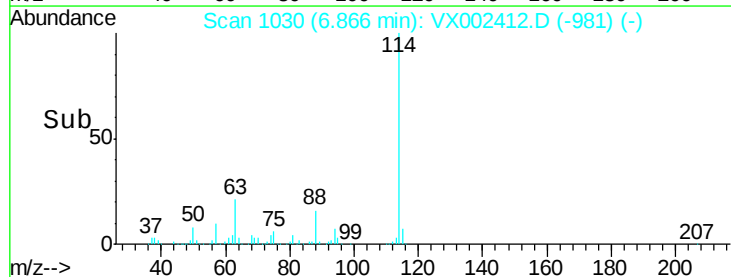
Abundance Ion 113.90 (113.60 to 114.60): V

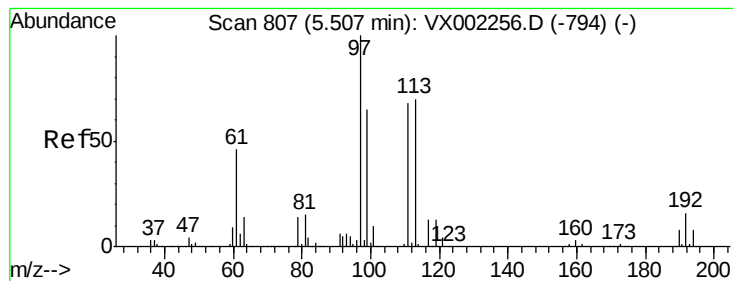
Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



Time-->





#35

Dibromofluoromethane

Concen: 46.17 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002412.D

Acq: 08 Jun 2018 19:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

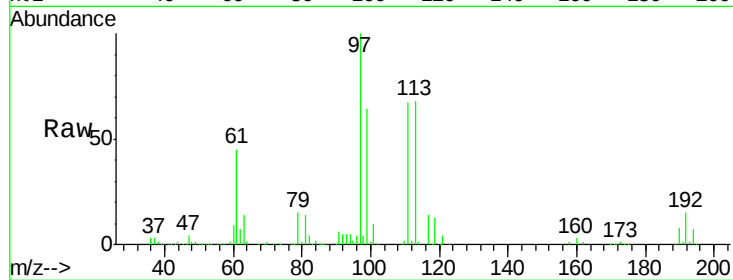
Tot Ion:113 Resp: 119145

Ion Ratio Lower Upper

113 100

111 101.5 81.4 122.0

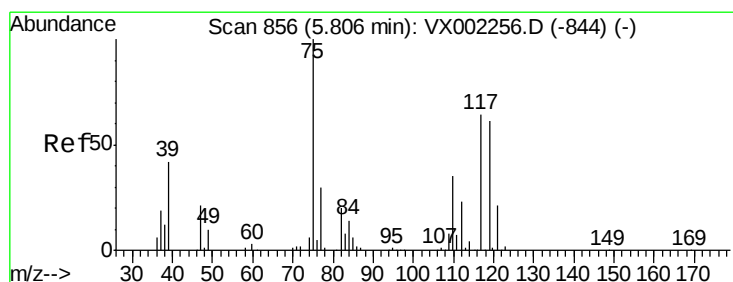
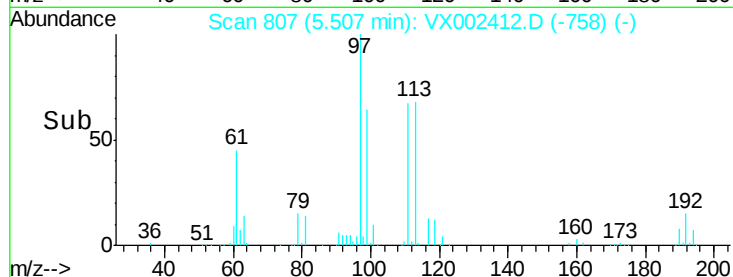
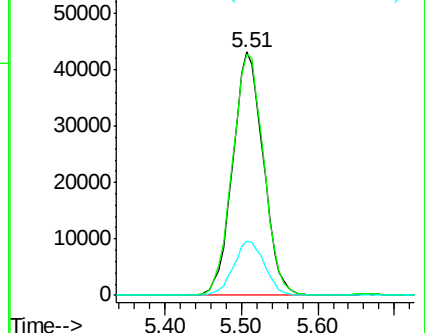
192 22.7 19.1 28.7



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: 49.02 ug/l

RT: 5.80 min Scan# 856

Delta R.T. -0.01 min

Lab File: VX002412.D

Acq: 08 Jun 2018 19:50

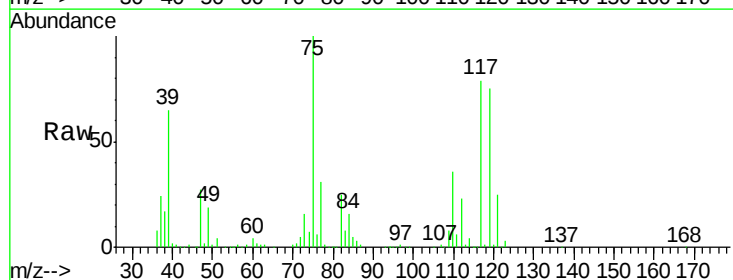
Tgt Ion: 75 Resp: 169095

Ion Ratio Lower Upper

75 100

110 36.0 18.1 54.4

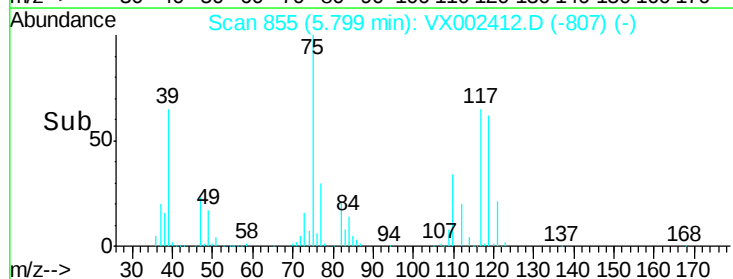
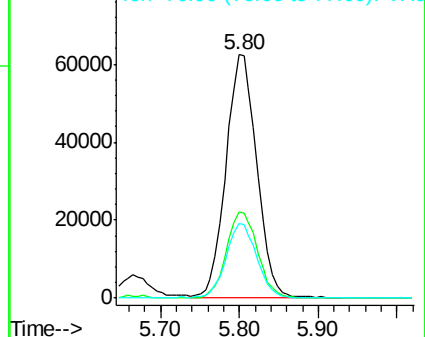
77 30.4 24.3 36.5

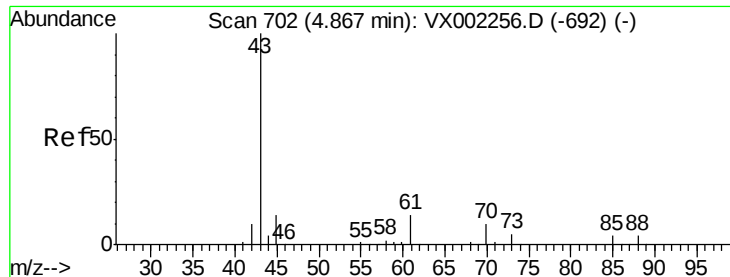


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

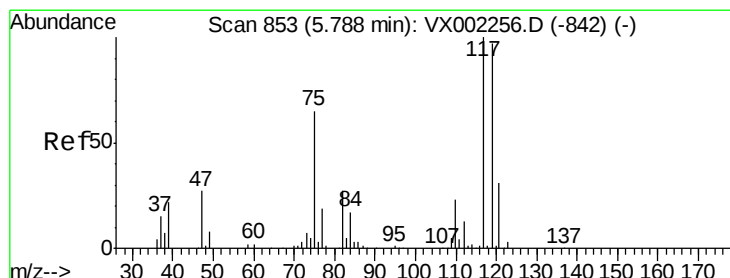
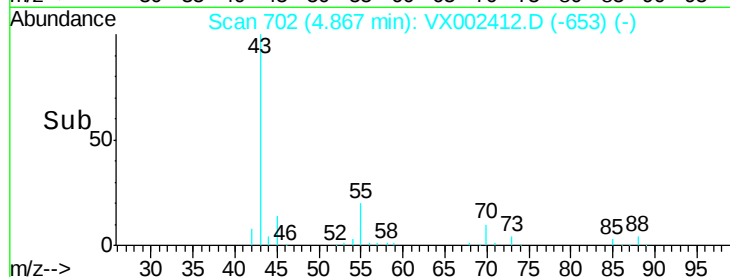
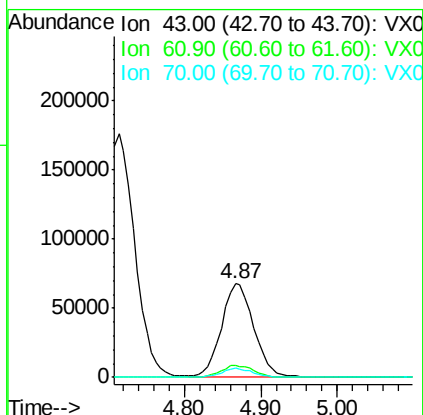
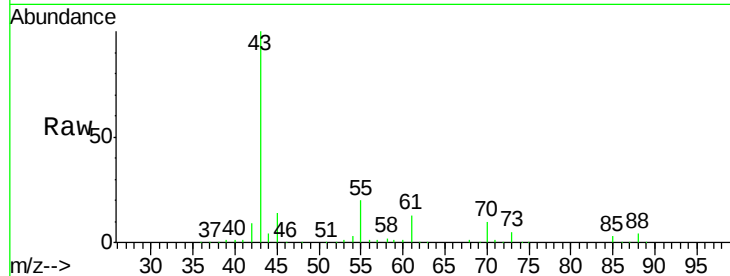




#37
Ethyl Acetate
Concen: 47.41 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.00 min
Lab File: VX002412.D
Acq: 08 Jun 2018 19:50

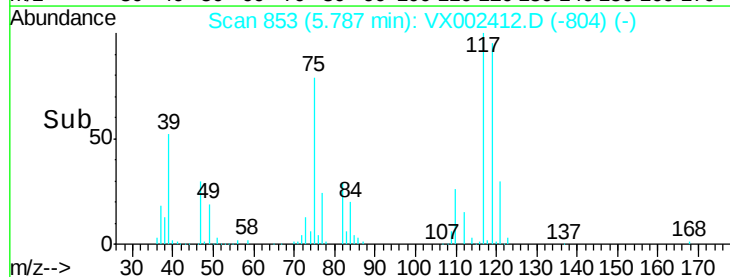
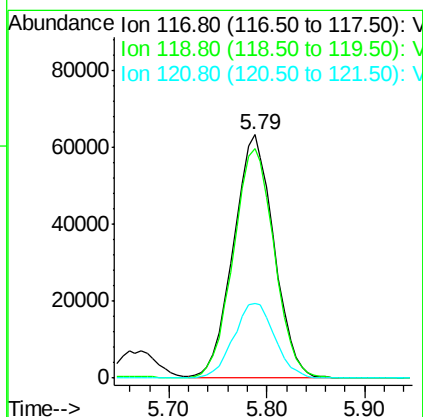
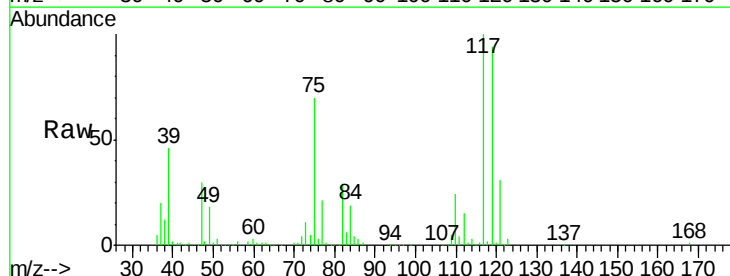
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

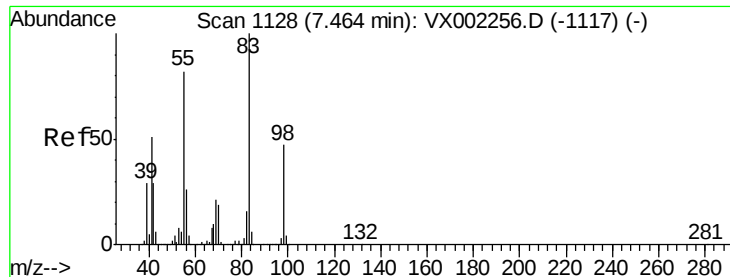
Tot Ion: 43 Resp: 196666
Ion Ratio Lower Upper
43 100
61 13.2 10.4 15.6
70 9.5 7.6 11.4



#38
Carbon Tetrachloride
Concen: 50.04 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX002412.D
Acq: 08 Jun 2018 19:50

Tgt Ion: 117 Resp: 180598
Ion Ratio Lower Upper
117 100
119 94.3 77.4 116.0
121 30.6 24.4 36.6

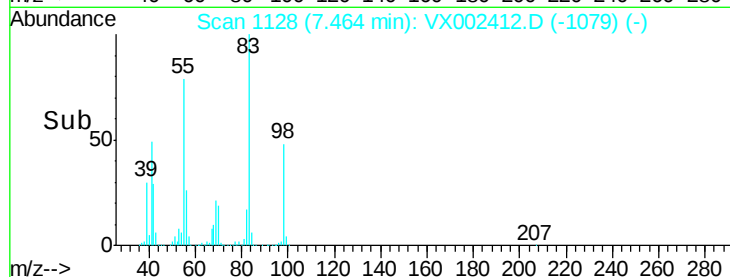
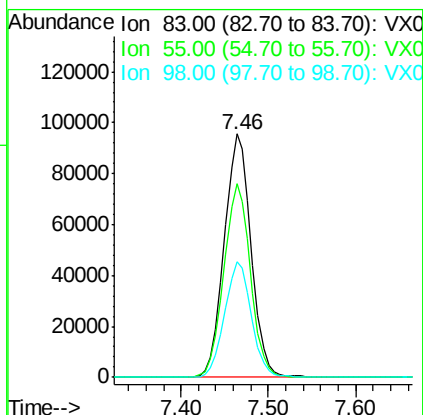
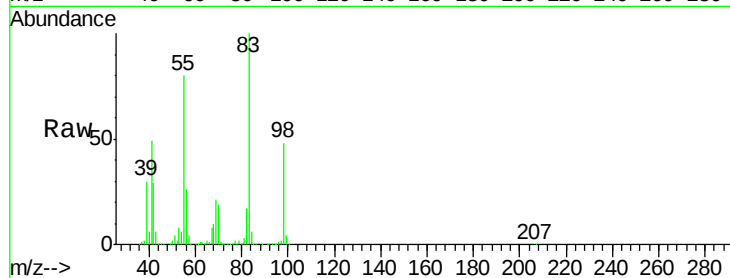




#39
Methvlcvclohexane
Concen: 47.75 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002412.D
Acq: 08 Jun 2018 19:50

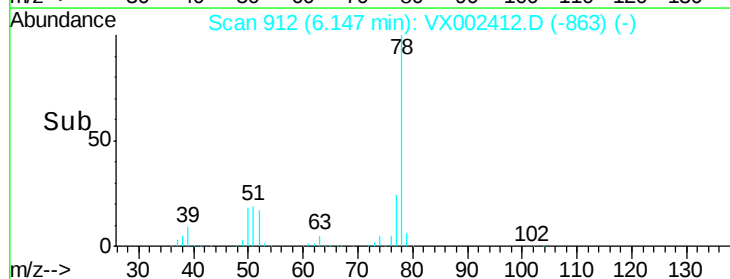
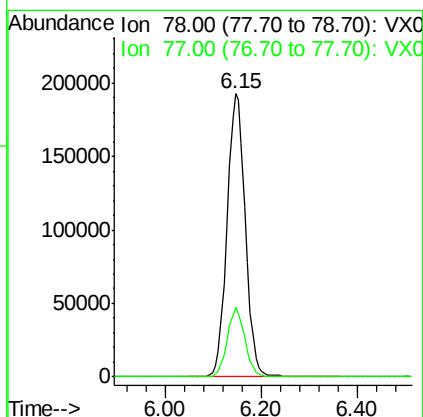
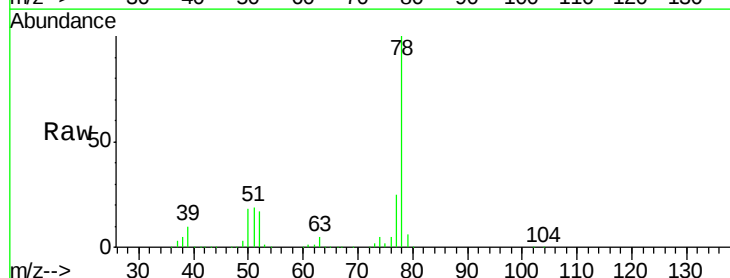
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 203465
Ion Ratio Lower Upper
83 100
55 79.5 65.4 98.0
98 47.6 37.4 56.0



#40
Benzene
Concen: 48.09 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002412.D
Acq: 08 Jun 2018 19:50

Tgt Ion: 78 Resp: 508705
Ion Ratio Lower Upper
78 100
77 24.6 19.1 28.7

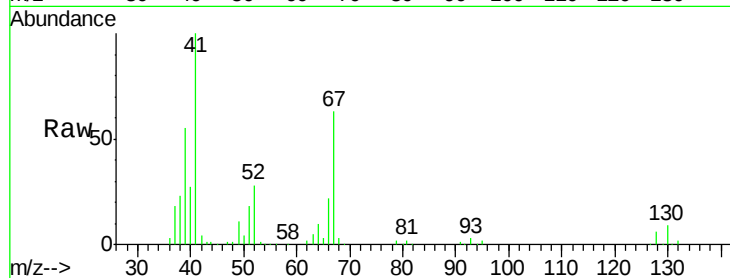




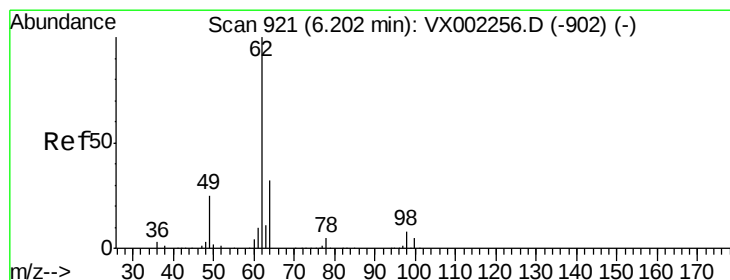
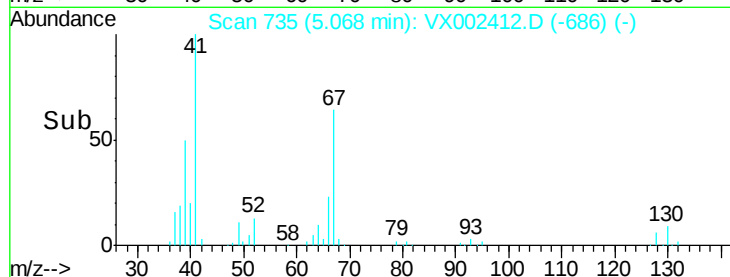
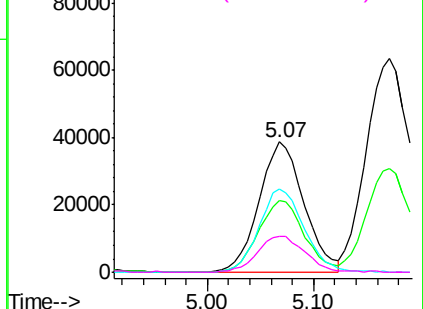
#41
Methacrylonitrile
Concen: 47.79 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX002412.D
Acq: 08 Jun 2018 19:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	113486
Ion	Ratio	Lower	Upper
41	100		
39	55.9	45.8	68.6
67	64.3	51.3	76.9
52	30.0	23.0	34.6

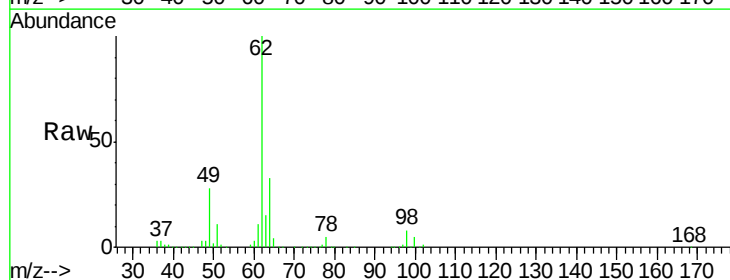


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

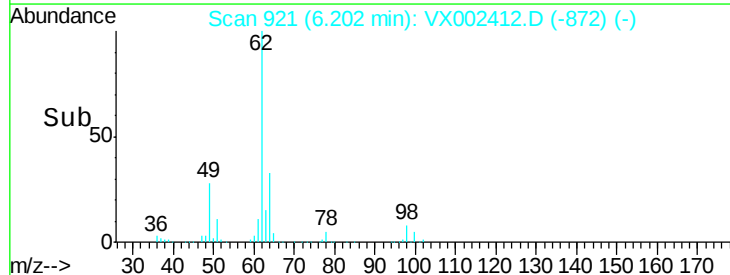
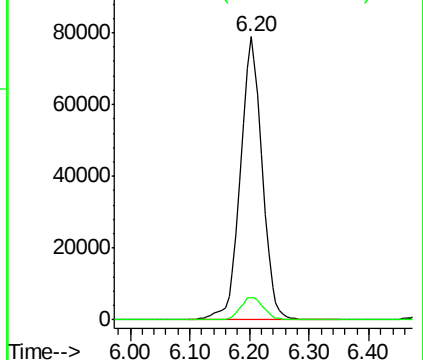


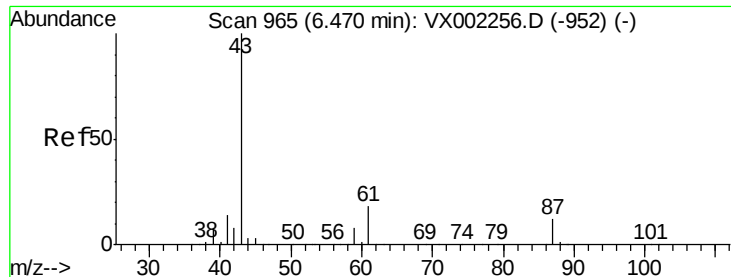
#42
1,2-Dichloroethane
Concen: 47.60 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX002412.D
Acq: 08 Jun 2018 19:50

Tgt Ion:	62	Resp:	200020
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	16.6



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



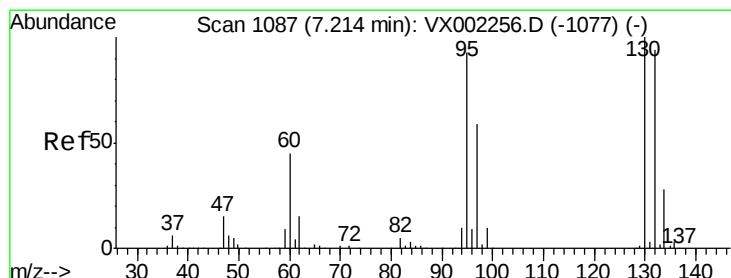
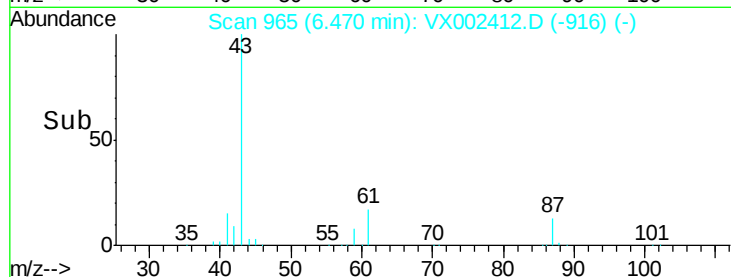
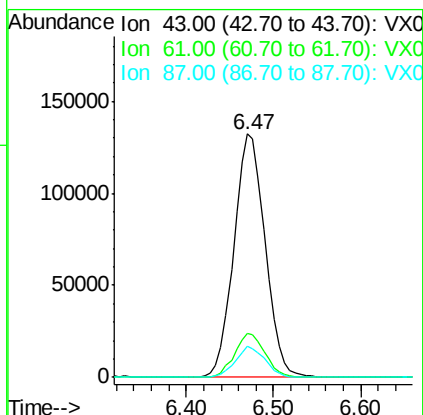
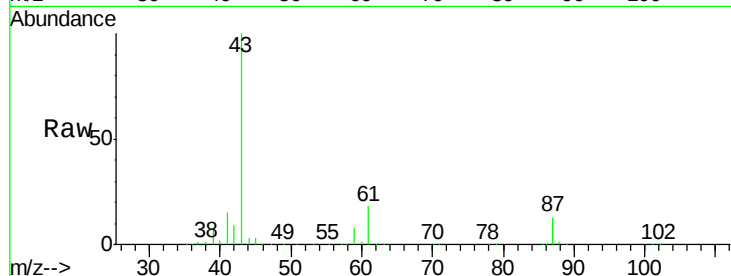


#43

Isopropyl Acetate
 Concen: 46.52 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: VX002412.D
 Acq: 08 Jun 2018 19:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

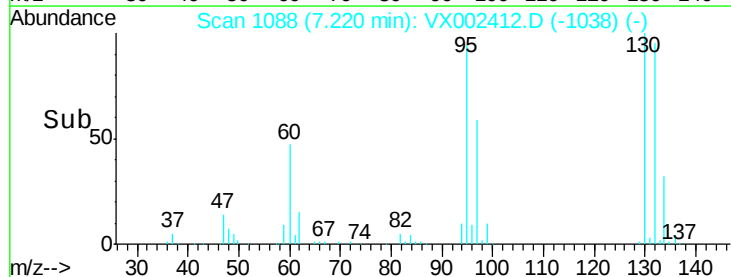
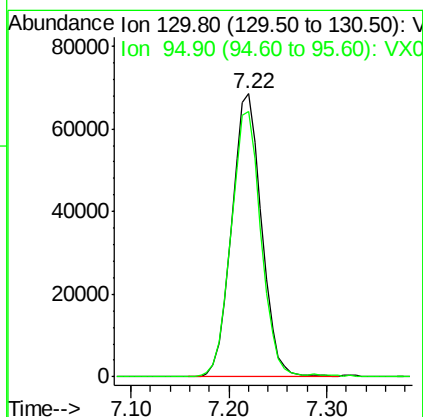
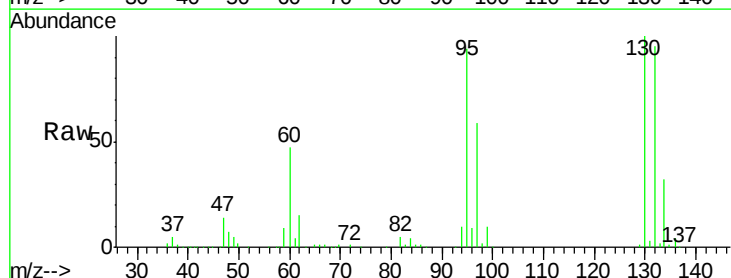
Tot Ion: 43 Resp: 327830
 Ion Ratio Lower Upper
 43 100
 61 17.7 14.4 21.6
 87 12.3 9.5 14.3

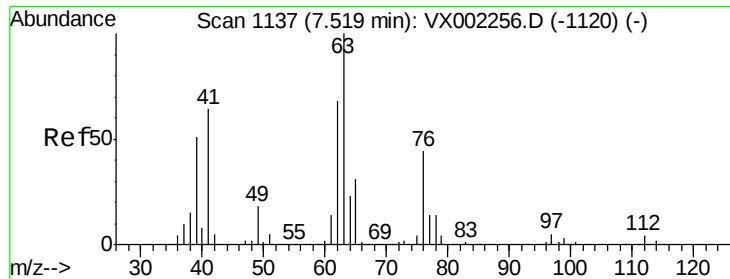


#44

Trichloroethene
 Concen: 49.38 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.01 min
 Lab File: VX002412.D
 Acq: 08 Jun 2018 19:50

Tgt Ion:130 Resp: 144965
 Ion Ratio Lower Upper
 130 100
 95 93.7 0.0 185.4

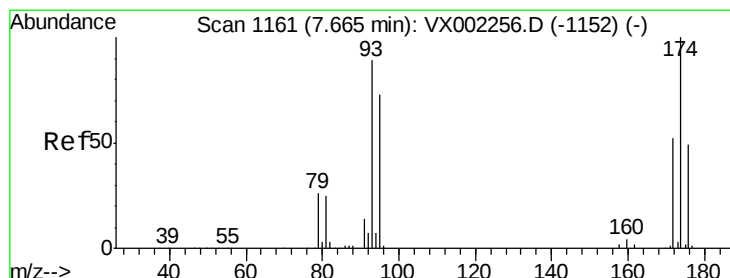
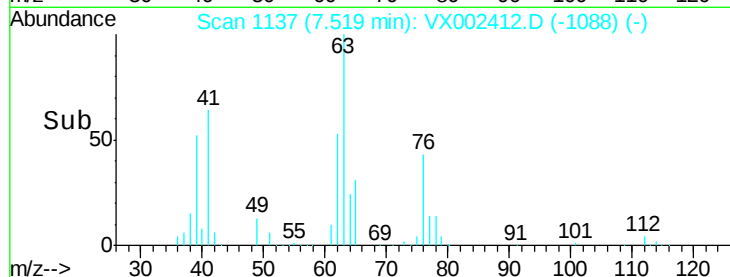
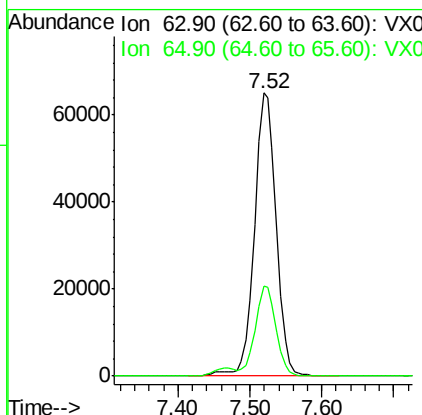
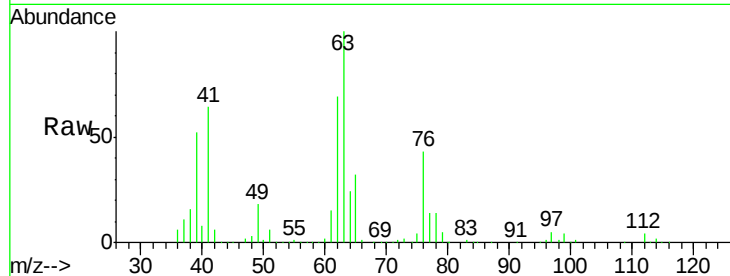




#45
 1,2-Dichloropropane
 Concen: 47.75 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX002412.D
 Acq: 08 Jun 2018 19:50

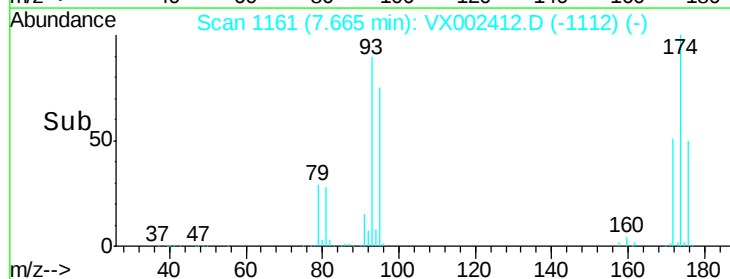
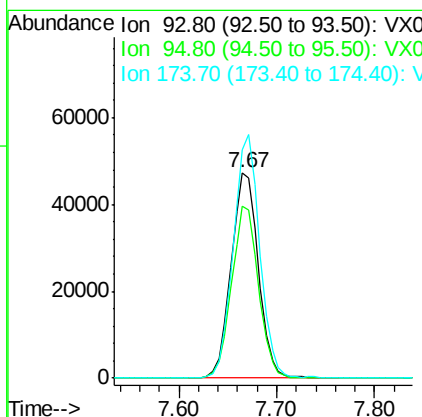
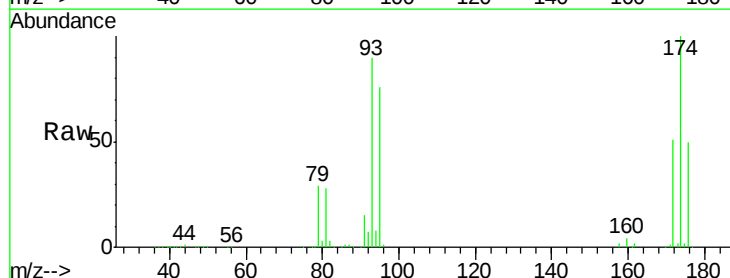
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

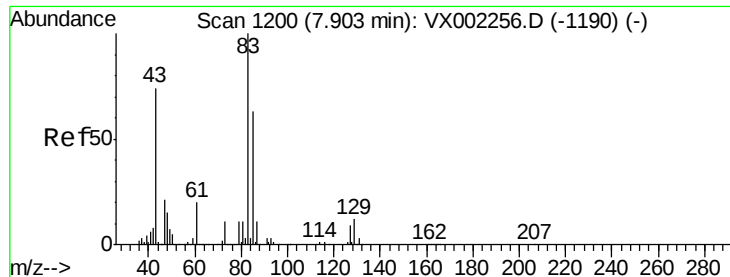
Tot Ion: 63 Resp: 136362
 Ion Ratio Lower Upper
 63 100
 65 32.1 24.7 37.1



#46
 Dibromomethane
 Concen: 47.12 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX002412.D
 Acq: 08 Jun 2018 19:50

Tgt Ion: 93 Resp: 91220
 Ion Ratio Lower Upper
 93 100
 95 83.1 65.9 98.9
 174 115.0 92.4 138.6





#47

Bromodichloromethane

Concen: 48.76 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002412.D

Acq: 08 Jun 2018 19:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

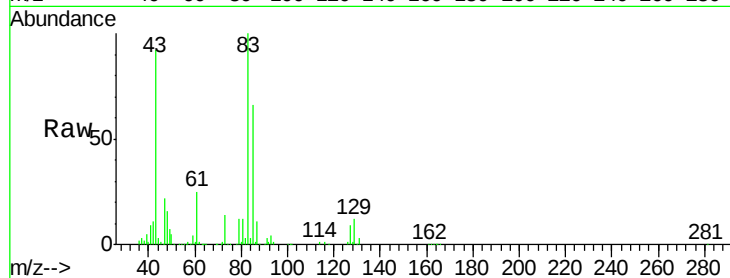
Tot Ion: 83 Resp: 170699

Ion Ratio Lower Upper

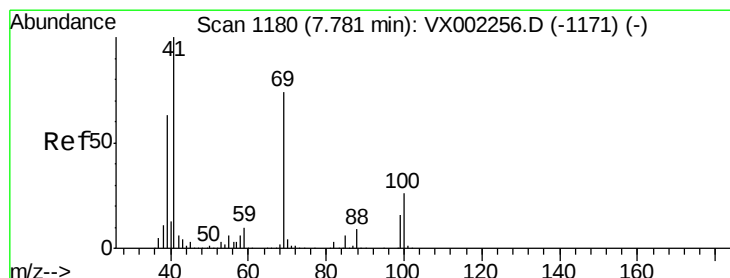
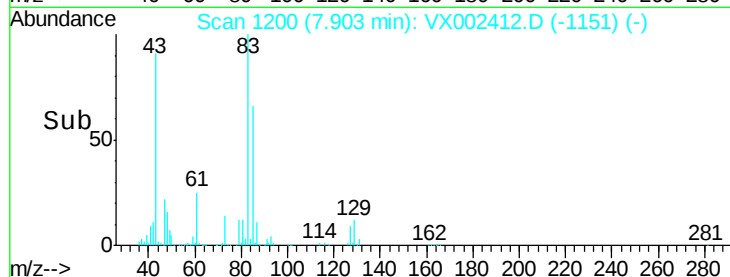
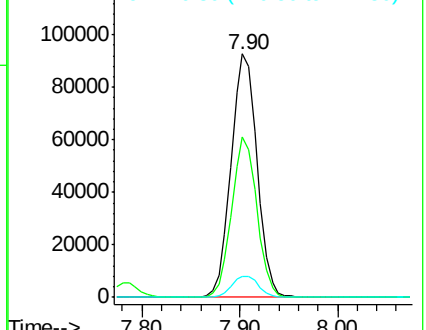
83 100

85 66.1 50.3 75.5

127 8.8 7.0 10.4



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



#48

Methyl methacrylate

Concen: 47.60 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VX002412.D

Acq: 08 Jun 2018 19:50

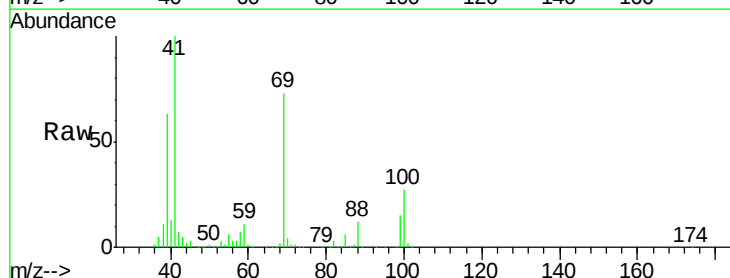
Tgt Ion: 41 Resp: 168481

Ion Ratio Lower Upper

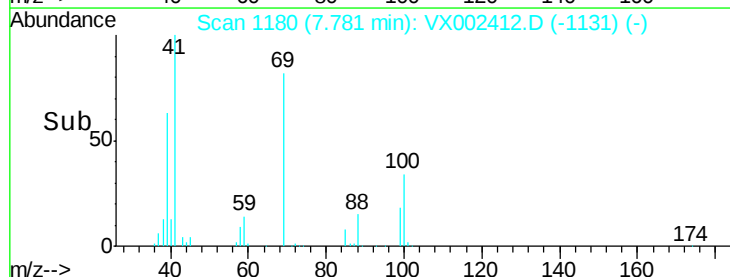
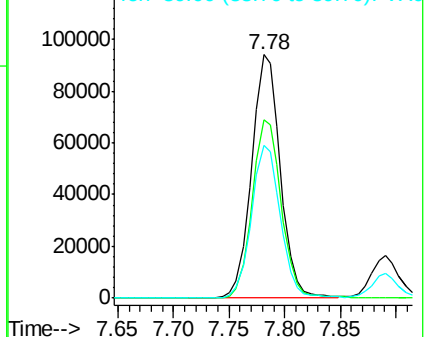
41 100

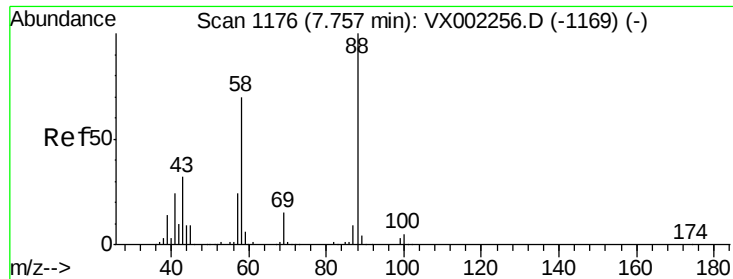
69 75.3 59.1 88.7

39 63.3 48.9 73.3



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

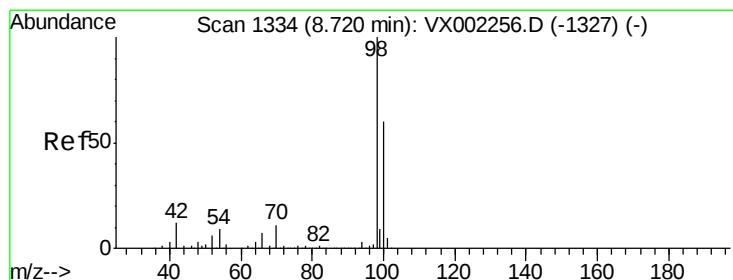
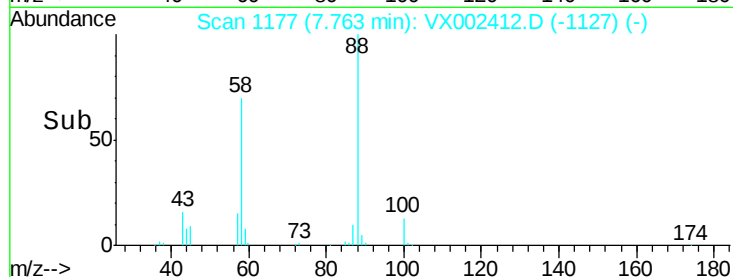
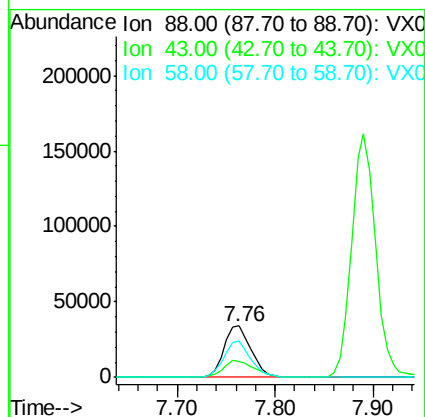
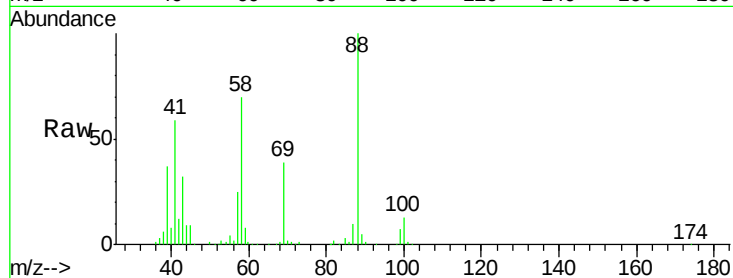




#49
1,4-Dioxane
Concen: 980.74 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX002412.D
Acq: 08 Jun 2018 19:50

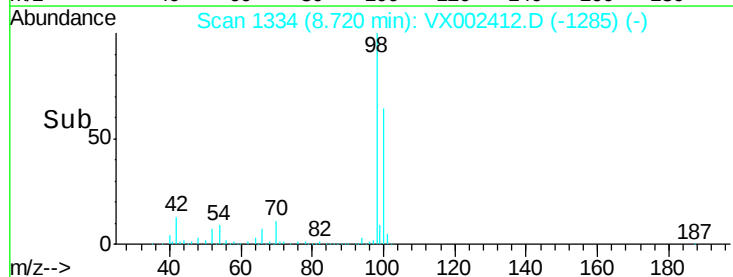
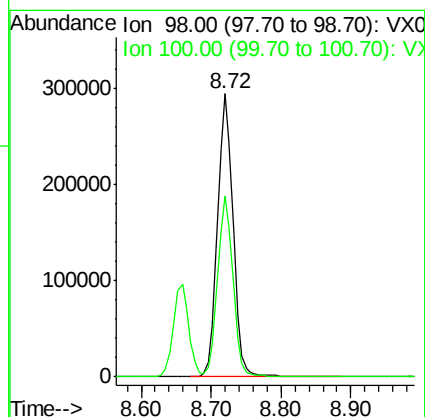
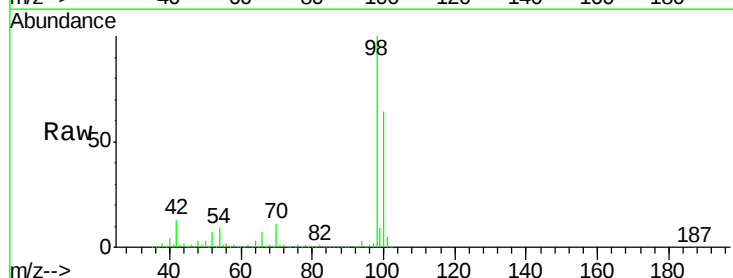
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

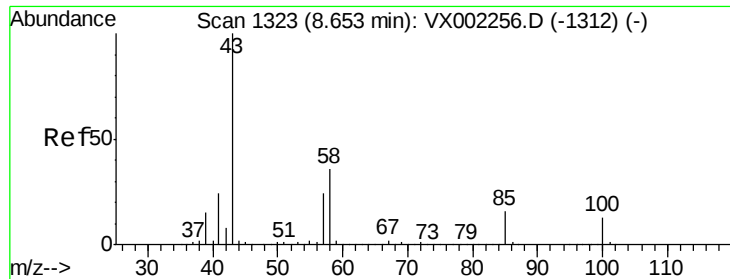
Tot Ion: 88 Resp: 64906
Ion Ratio Lower Upper
88 100
43 36.4 29.8 44.6
58 70.4 57.1 85.7



#50
Toluene-d8
Concen: 45.97 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002412.D
Acq: 08 Jun 2018 19:50

Tgt Ion: 98 Resp: 454690
Ion Ratio Lower Upper
98 100
100 63.6 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 248.68 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.01 min

Lab File: VX002412.D

Acq: 08 Jun 2018 19:50

Instrument :

MSVOA_X

ClientSampleId :

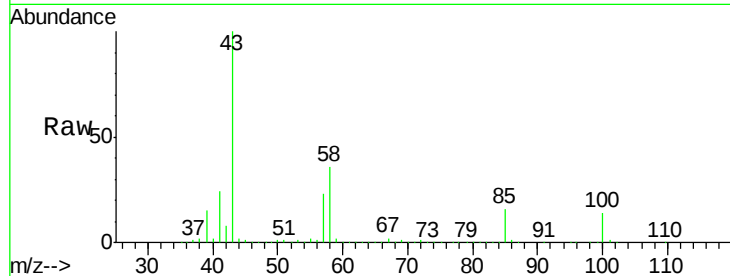
VSTDCCC050EC

Tot Ion: 43 Resp: 1091263

Ion Ratio Lower Upper

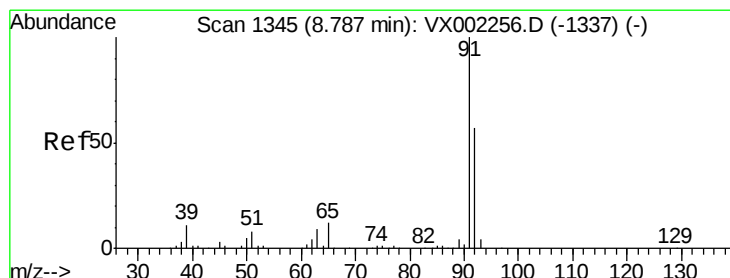
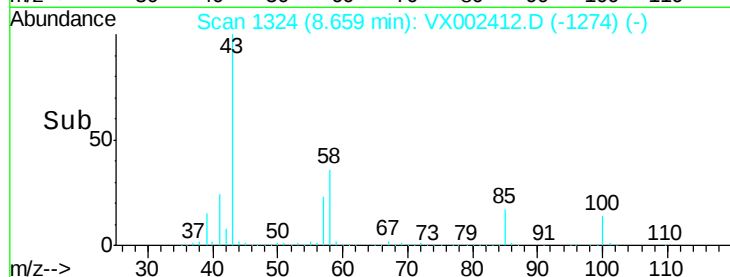
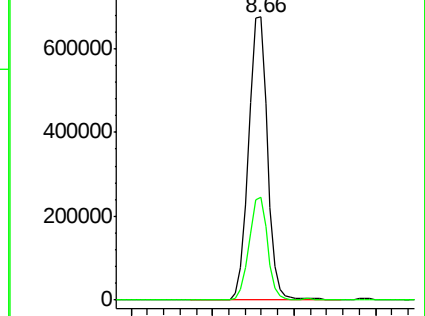
43 100

58 35.6 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 50.02 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002412.D

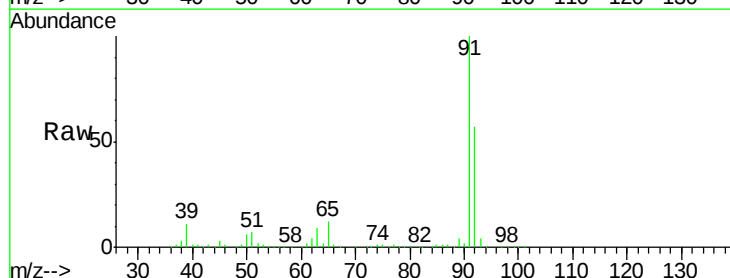
Acq: 08 Jun 2018 19:50

Tgt Ion: 92 Resp: 336512

Ion Ratio Lower Upper

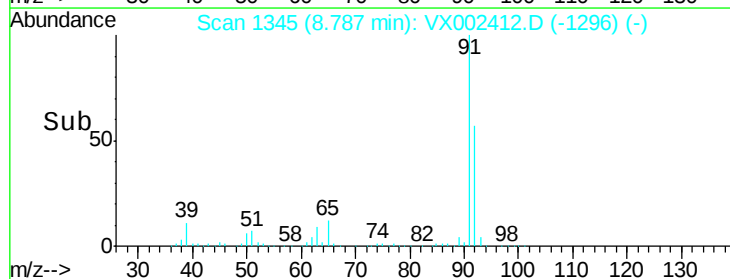
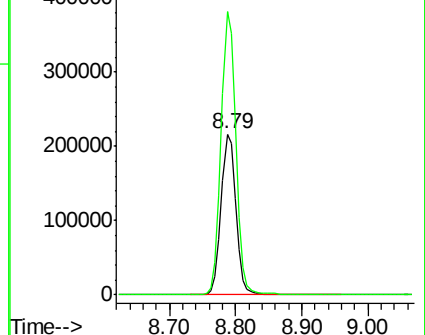
92 100

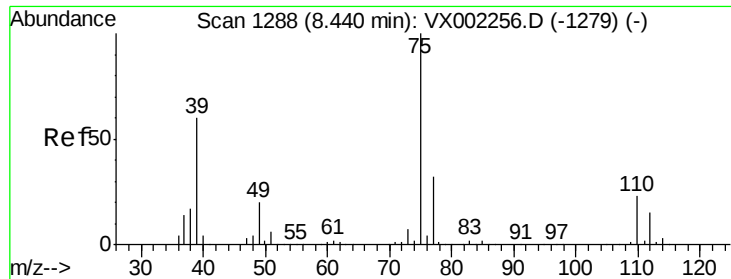
91 175.0 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

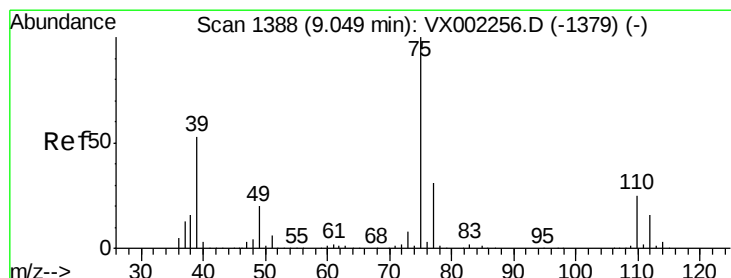
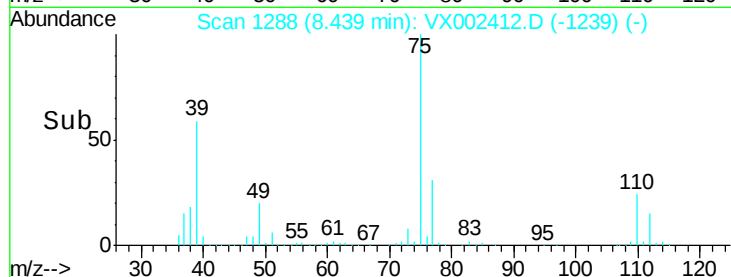
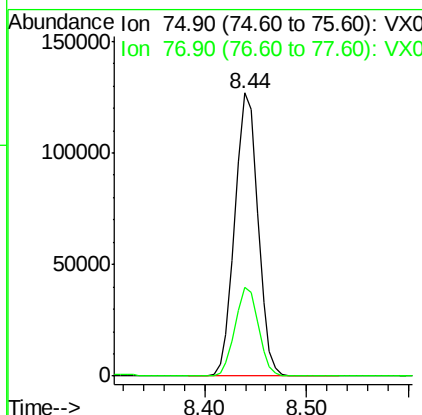
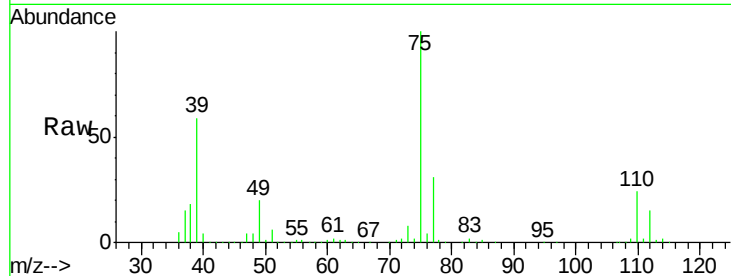




#53
t-1,3-Dichloropropene
Concen: 47.15 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX002412.D
Acq: 08 Jun 2018 19:50

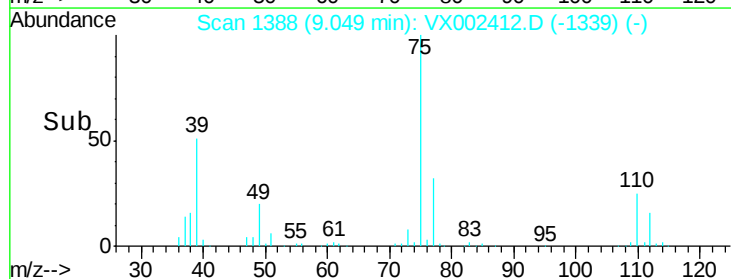
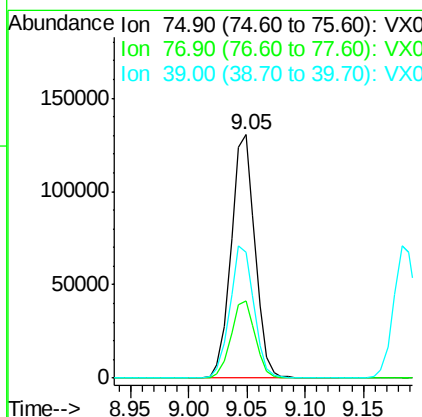
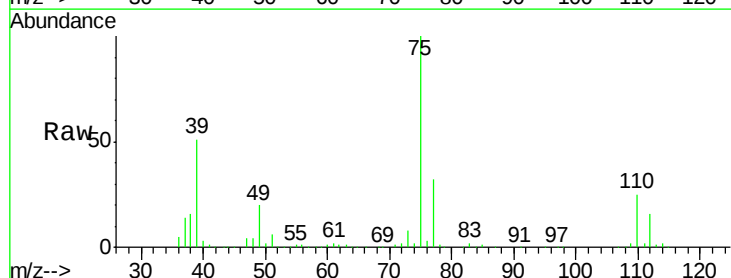
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 197957
Ion Ratio Lower Upper
75 100
77 31.2 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 46.97 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX002412.D
Acq: 08 Jun 2018 19:50

Tgt Ion: 75 Resp: 186051
Ion Ratio Lower Upper
75 100
77 31.6 24.8 37.2
39 51.4 42.4 63.6

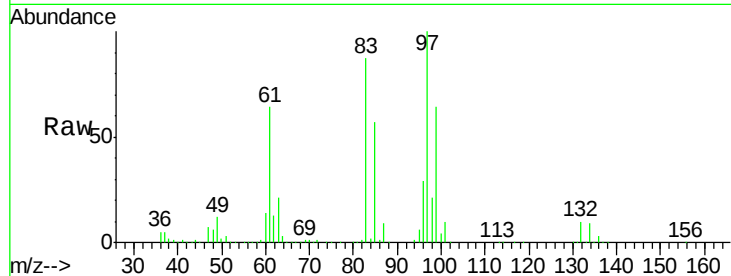




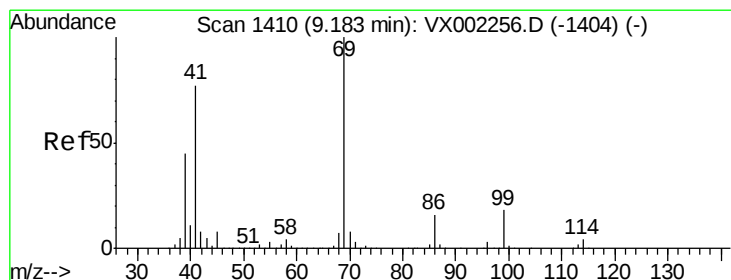
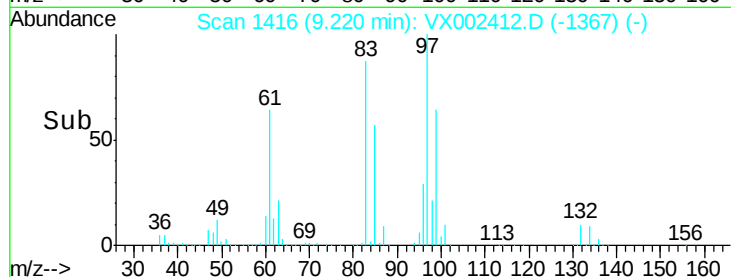
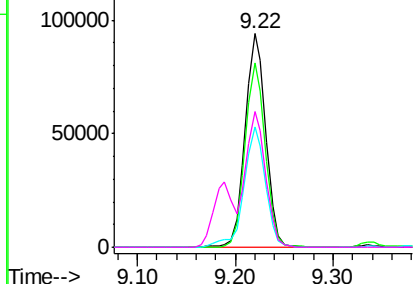
#55
 1,1,2-Trichloroethane
 Concen: 49.71 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002412.D
 Acq: 08 Jun 2018 19:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	137552
Ion	Ratio	Lower	Upper
97	100		
83	86.6	70.2	105.2
85	56.6	44.9	67.3
99	63.8	49.8	74.8

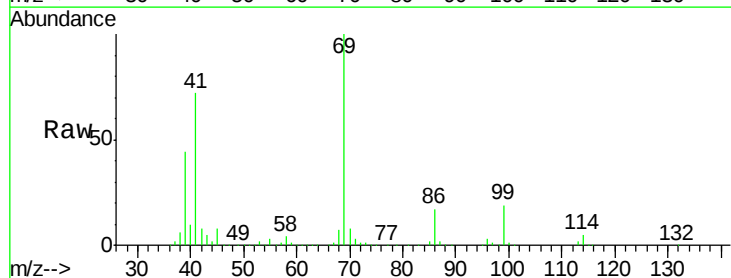


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

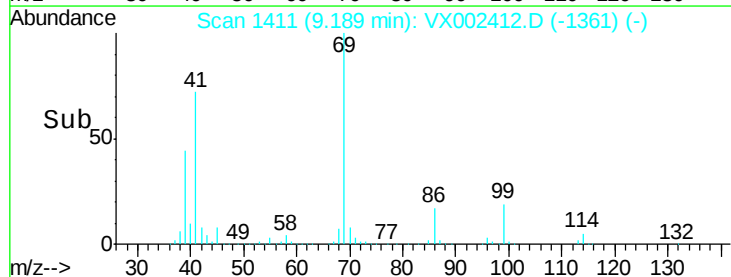
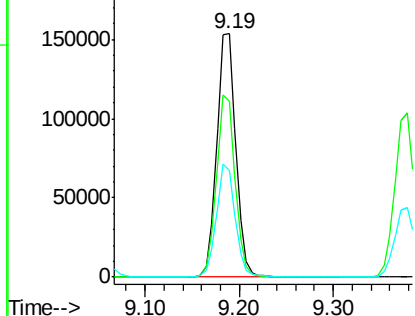


#56
 Ethyl methacrylate
 Concen: 48.90 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.01 min
 Lab File: VX002412.D
 Acq: 08 Jun 2018 19:50

Tgt Ion:	69	Resp:	216001
Ion	Ratio	Lower	Upper
69	100		
41	73.2	60.3	90.5
39	45.0	35.8	53.8



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





#57

1,3-Dichloropropane

Concen: 48.94 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX002412.D

Acq: 08 Jun 2018 19:50

Instrument :

MSVOA_X

ClientSampleId :

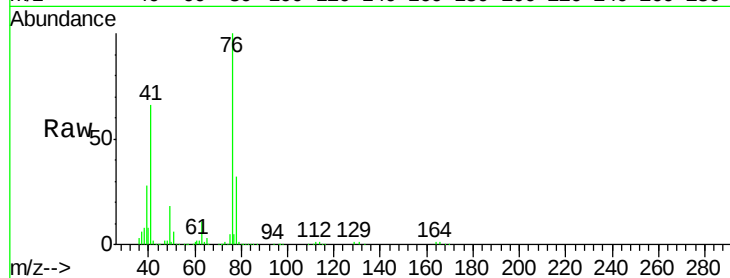
VSTDCCC050EC

Tot Ion: 76 Resp: 227165

Ion Ratio Lower Upper

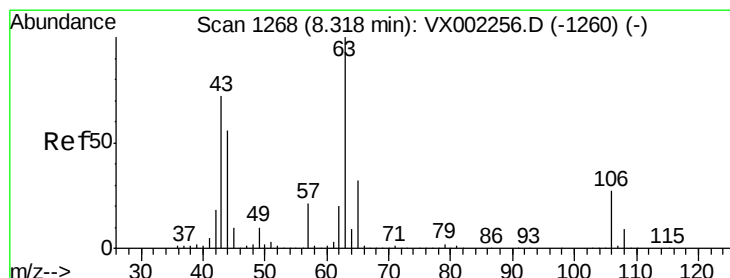
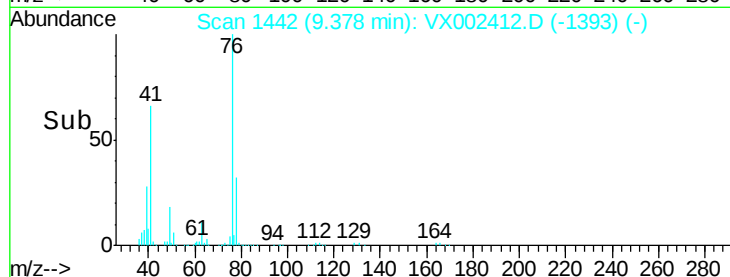
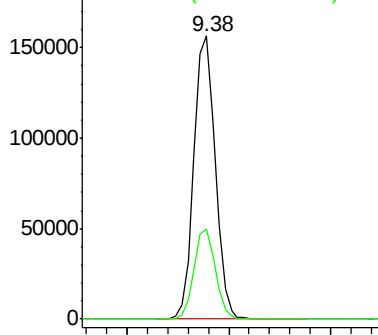
76 100

78 31.8 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: 244.46 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX002412.D

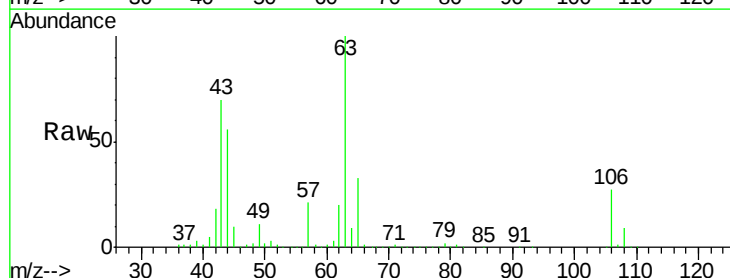
Acq: 08 Jun 2018 19:50

Tgt Ion: 63 Resp: 499807

Ion Ratio Lower Upper

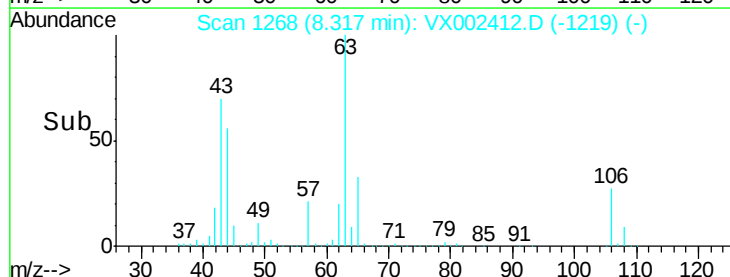
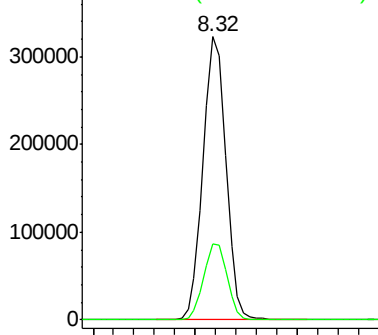
63 100

106 27.8 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

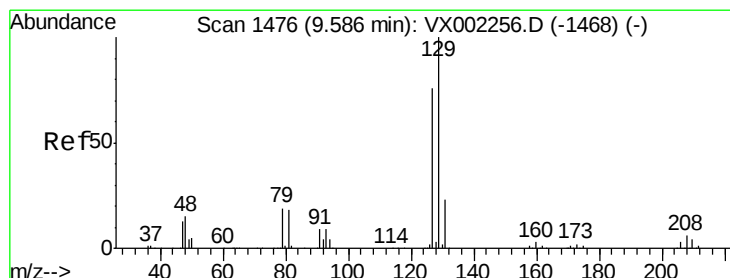
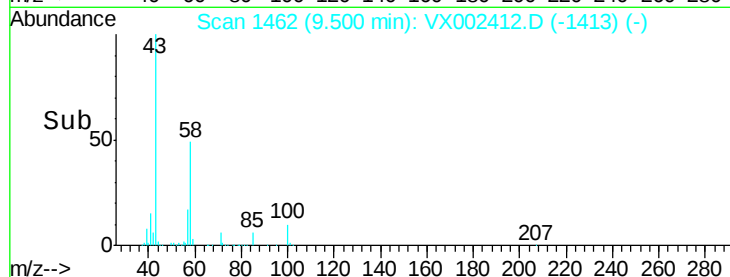
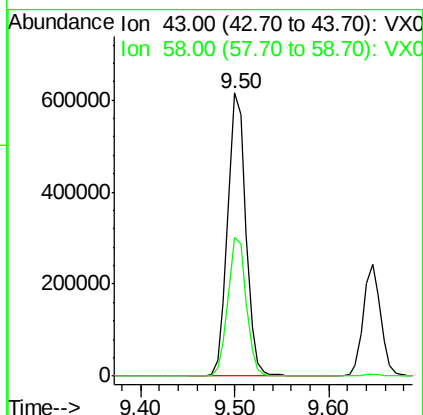
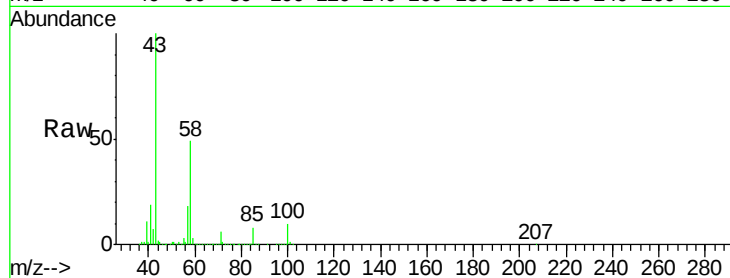




#59
2-Hexanone
Concen: 245.08 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002412.D
Acq: 08 Jun 2018 19:50

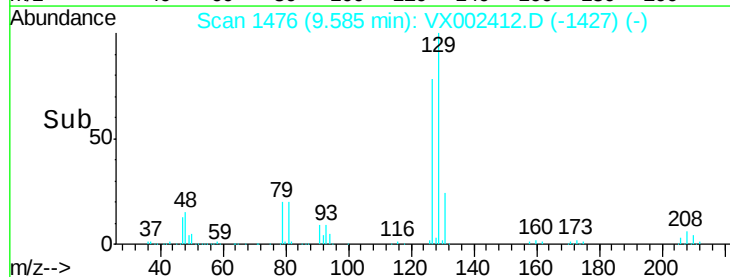
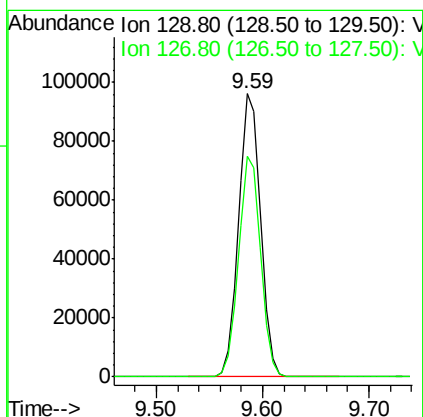
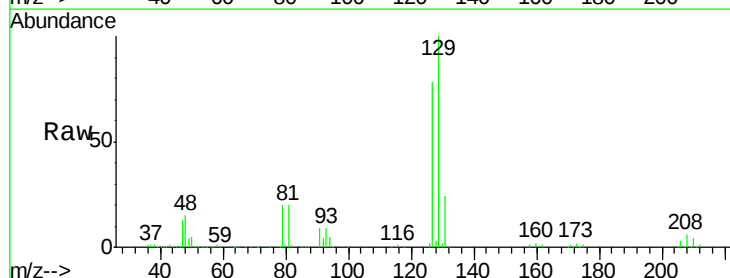
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

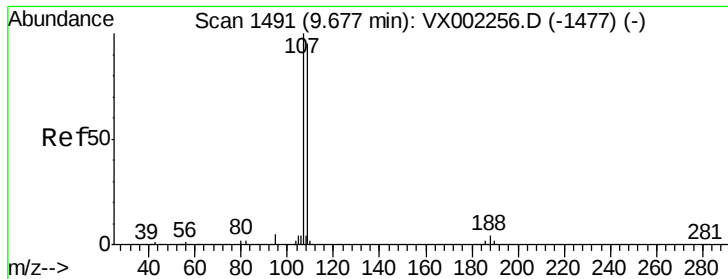
Tot Ion: 43 Resp: 830688
Ion Ratio Lower Upper
43 100
58 49.7 24.6 73.6



#60
Dibromochloromethane
Concen: 50.18 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX002412.D
Acq: 08 Jun 2018 19:50

Tgt Ion: 129 Resp: 139658
Ion Ratio Lower Upper
129 100
127 78.2 38.5 115.3





#61

1,2-Dibromoethane

Concen: 50.63 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002412.D

Acq: 08 Jun 2018 19:50

Instrument :

MSVOA_X

ClientSampleId :

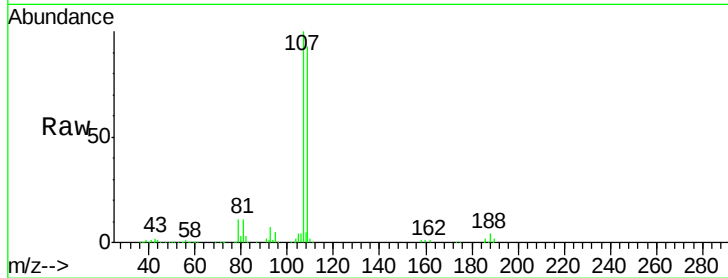
VSTDCCC050EC

Tot Ion:107 Resp: 146060

Ion Ratio Lower Upper

107 100

109 93.8 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

120000

100000

80000

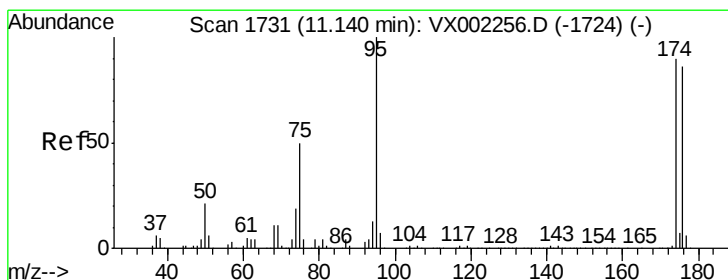
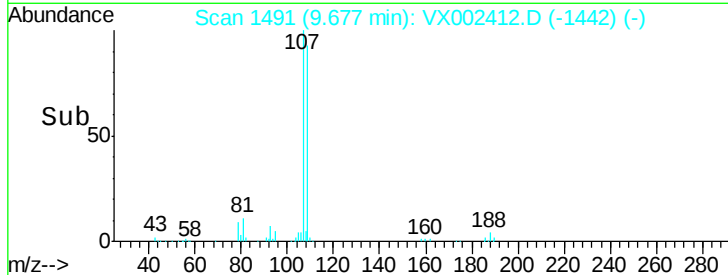
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 46.17 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002412.D

Acq: 08 Jun 2018 19:50

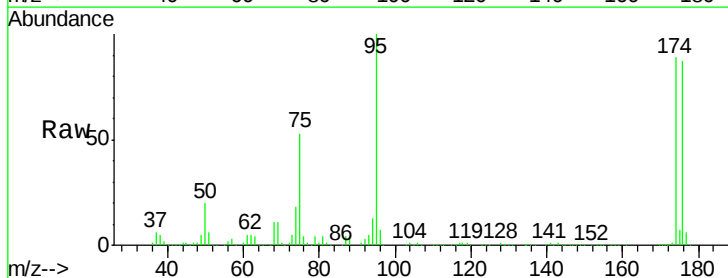
Tgt Ion: 95 Resp: 176107

Ion Ratio Lower Upper

95 100

174 95.7 0.0 187.4

176 92.1 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

200000

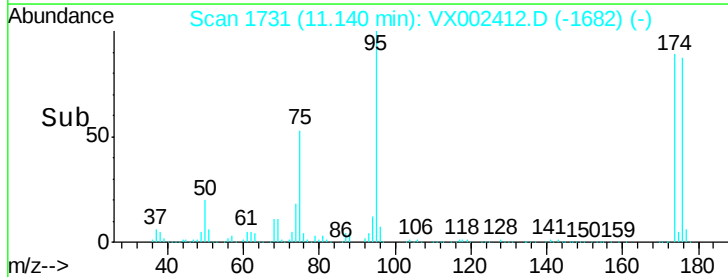
150000

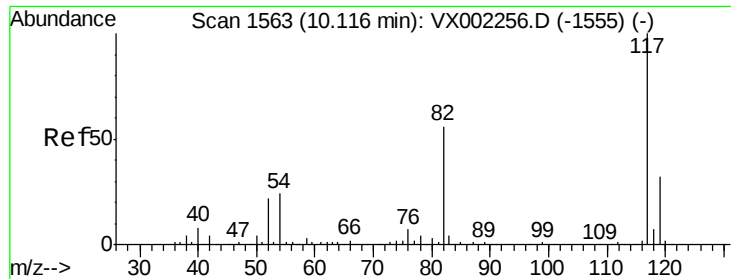
100000

50000

0

Time-->

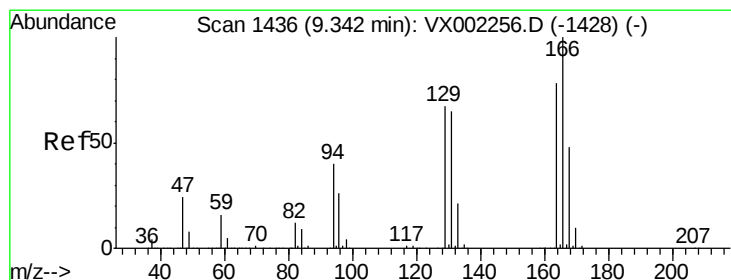
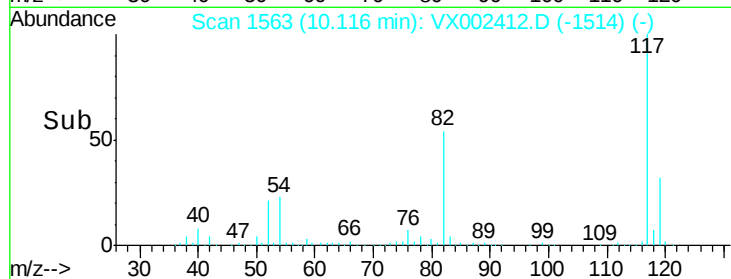
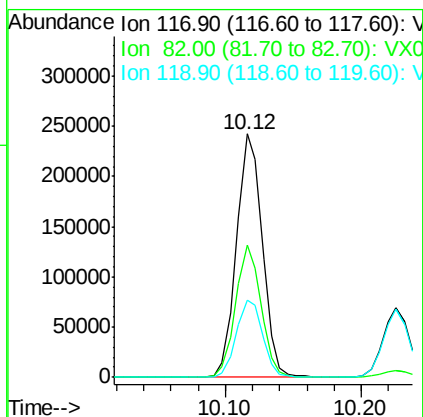
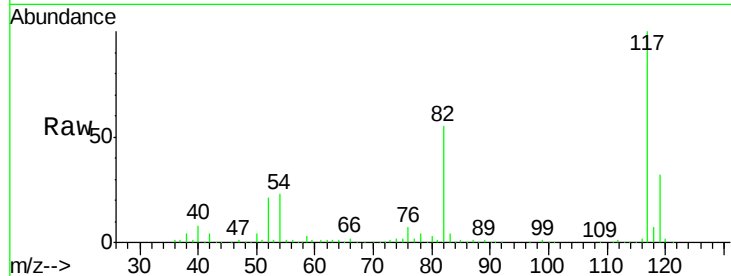




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002412.D
Acq: 08 Jun 2018 19:50

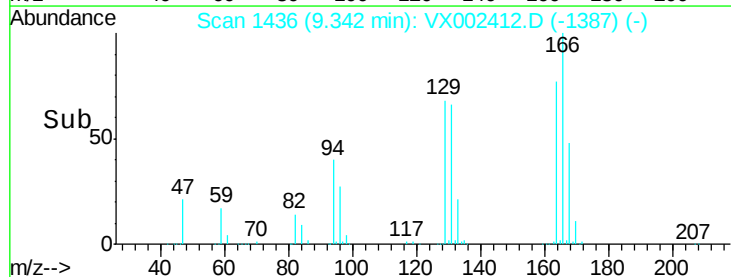
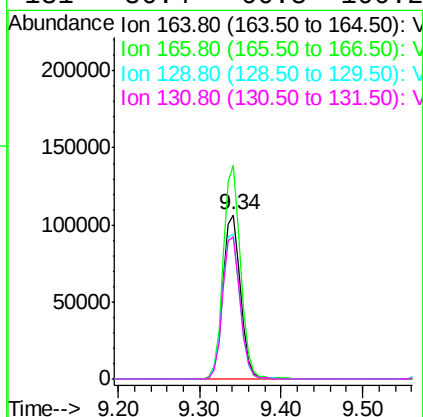
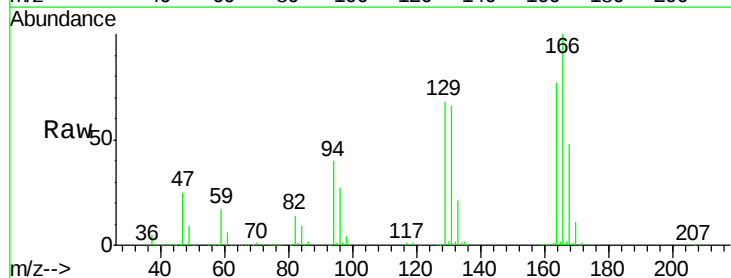
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

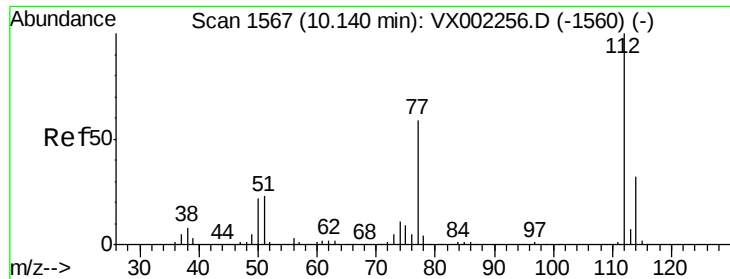
Tot Ion:117 Resp: 321688
Ion Ratio Lower Upper
117 100
82 54.5 45.0 67.4
119 31.5 25.8 38.6



#64
Tetrachloroethene
Concen: 47.87 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX002412.D
Acq: 08 Jun 2018 19:50

Tgt Ion:164 Resp: 158801
Ion Ratio Lower Upper
164 100
166 130.3 102.9 154.3
129 88.0 68.6 102.8
131 86.4 66.8 100.2

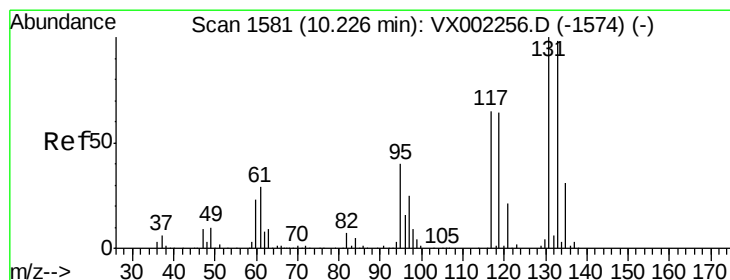
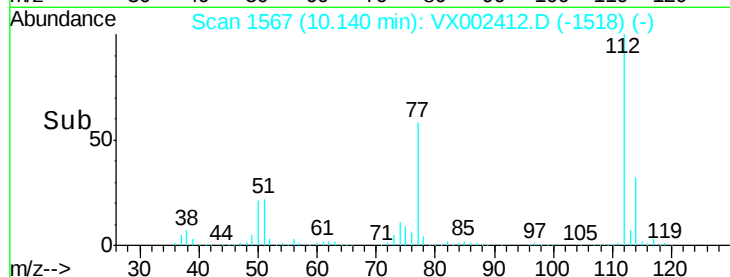
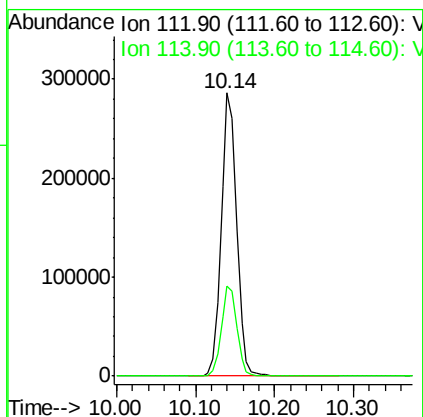
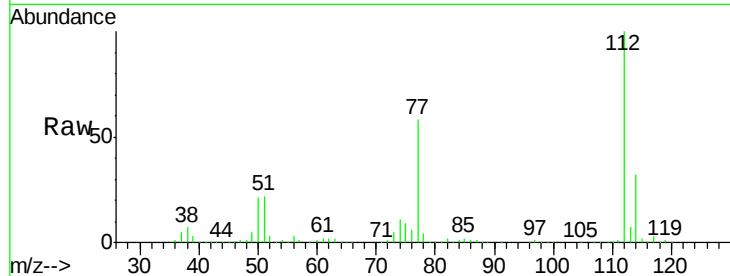




#65
Chlorobenzene
Concen: 48.67 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002412.D
Acq: 08 Jun 2018 19:50

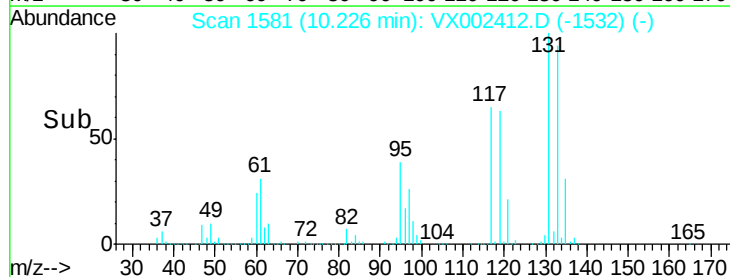
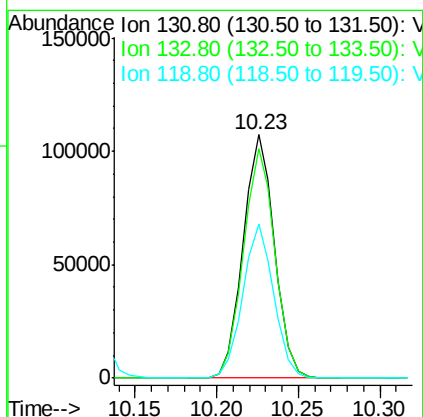
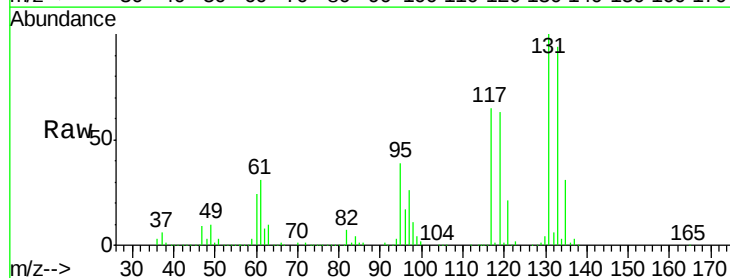
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

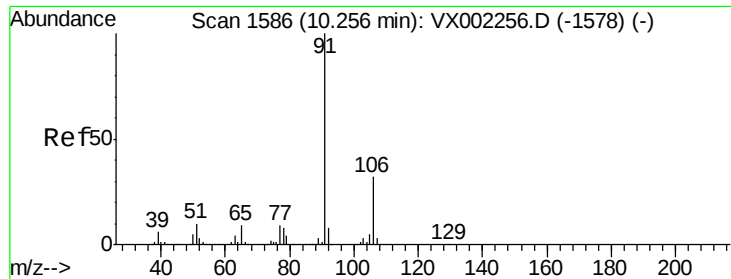
Tot Ion:112 Resp: 389546
Ion Ratio Lower Upper
112 100
114 32.0 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 49.46 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX002412.D
Acq: 08 Jun 2018 19:50

Tgt Ion:131 Resp: 143361
Ion Ratio Lower Upper
131 100
133 95.1 47.9 143.6
119 62.6 31.8 95.3





#67

Ethyl Benzene

Concen: 50.01 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX002412.D

Acq: 08 Jun 2018 19:50

Instrument :

MSVOA_X

ClientSampleId :

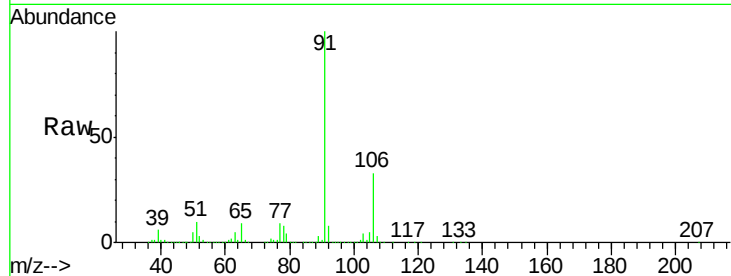
VSTDCCC050EC

Tot Ion: 91 Resp: 669907

Ion Ratio Lower Upper

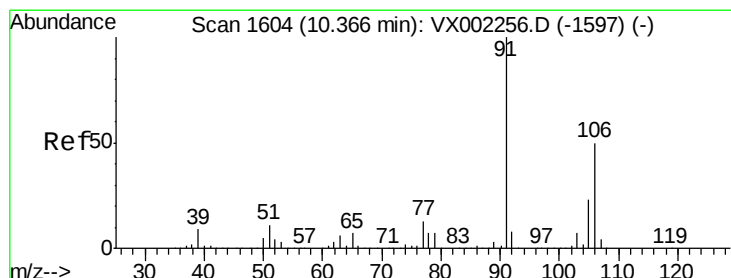
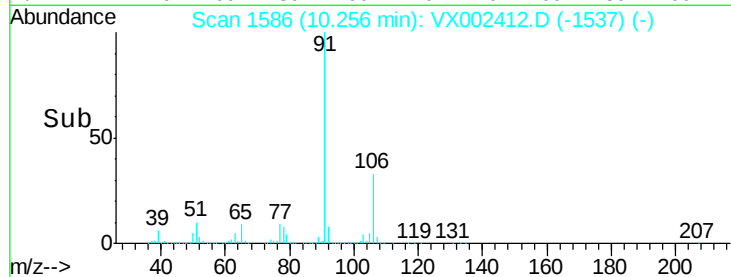
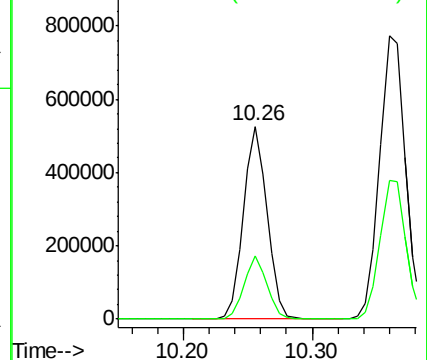
91 100

106 32.6 25.5 38.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 100.92 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.01 min

Lab File: VX002412.D

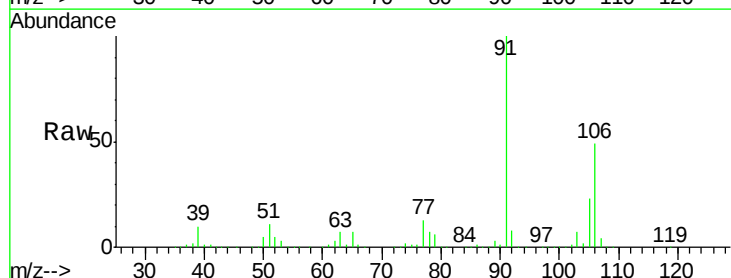
Acq: 08 Jun 2018 19:50

Tgt Ion: 106 Resp: 525536

Ion Ratio Lower Upper

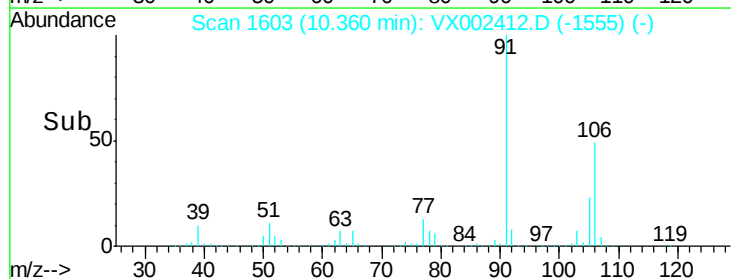
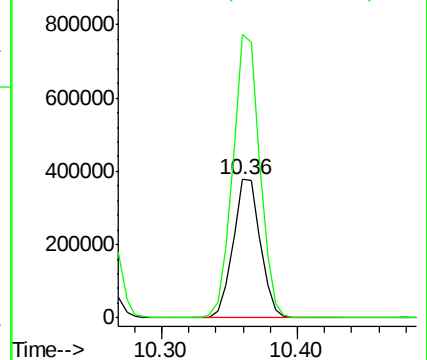
106 100

91 202.0 163.4 245.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

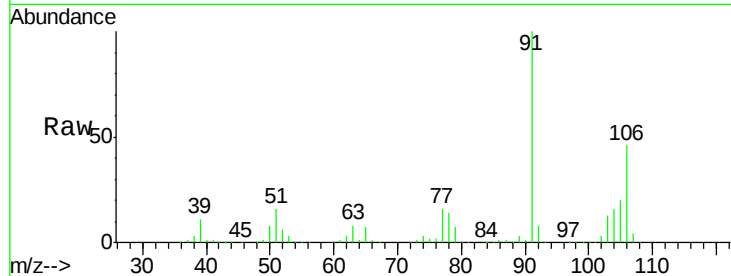




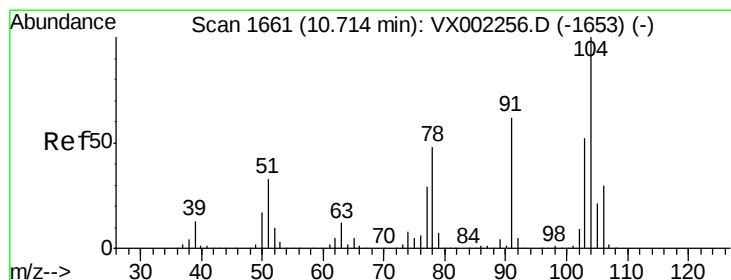
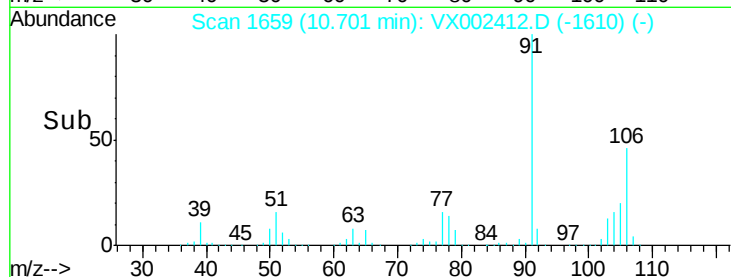
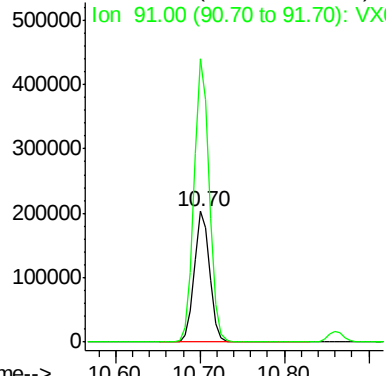
#69
o-Xylene
Concen: 49.58 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002412.D
Acq: 08 Jun 2018 19:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 256906
Ion Ratio Lower Upper
106 100
91 215.4 108.2 324.6

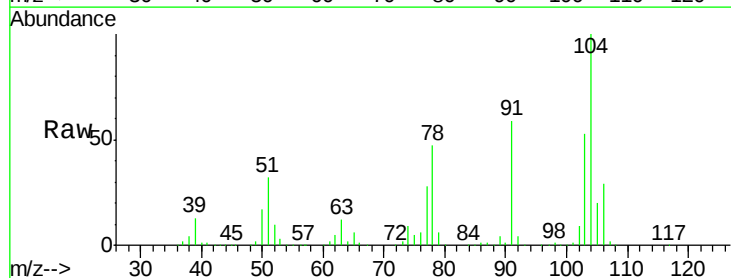


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

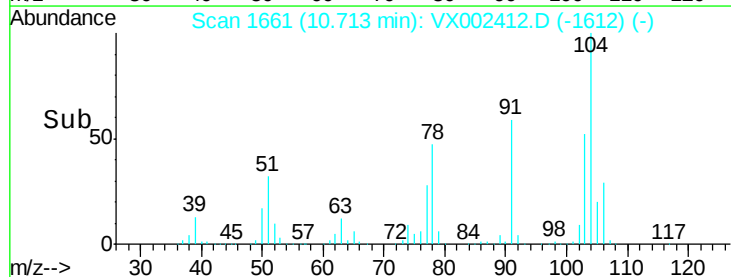
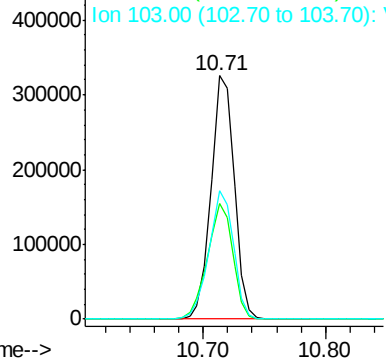


#70
Styrene
Concen: 50.51 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX002412.D
Acq: 08 Jun 2018 19:50

Tgt Ion:104 Resp: 427895
Ion Ratio Lower Upper
104 100
78 51.5 41.0 61.6
103 56.0 44.2 66.4



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





#71

Bromoform

Concen: 43.11 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX002412.D

Acq: 08 Jun 2018 19:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

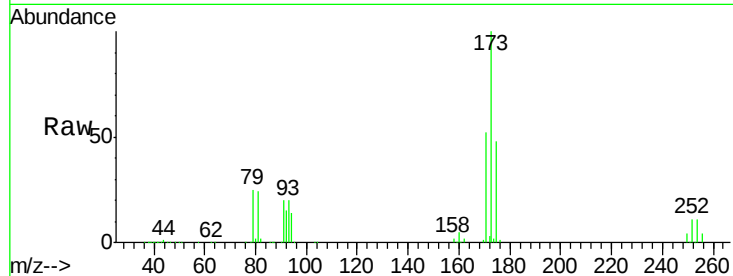
Tot Ion:173 Resp: 110575

Ion Ratio Lower Upper

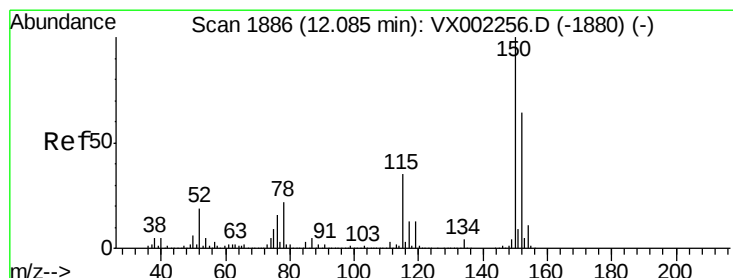
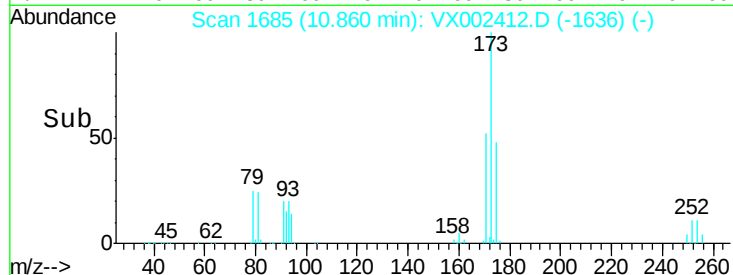
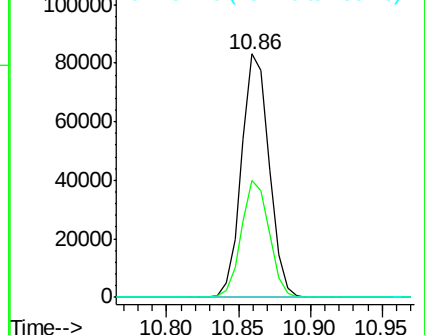
173 100

175 48.0 24.7 74.1

254 0.1 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: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002412.D

Acq: 08 Jun 2018 19:50

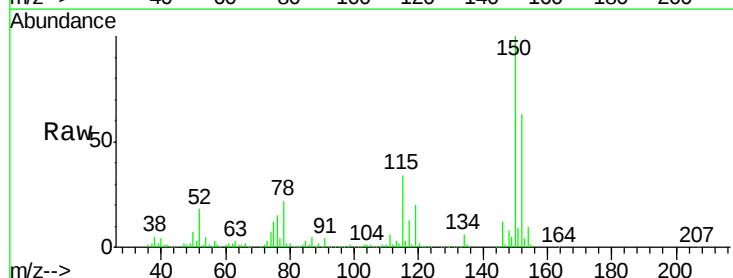
Tgt Ion:152 Resp: 209532

Ion Ratio Lower Upper

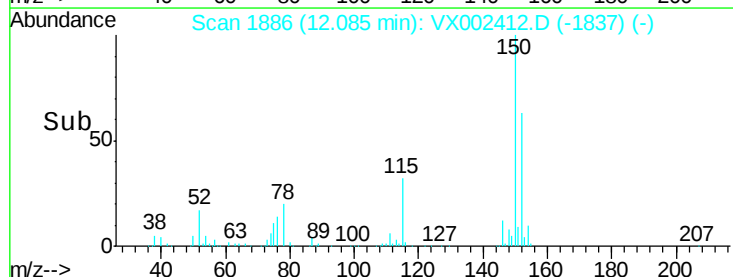
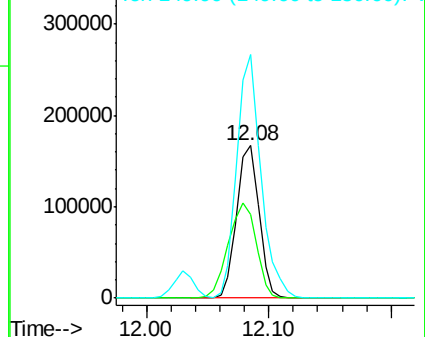
152 100

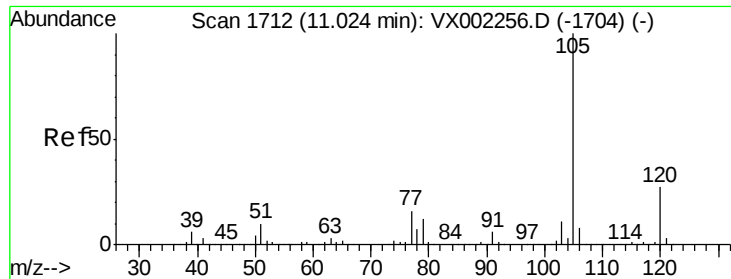
115 78.4 40.1 120.2

150 172.9 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: 48.45 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002412.D

Acq: 08 Jun 2018 19:50

Instrument :

MSVOA_X

ClientSampleId :

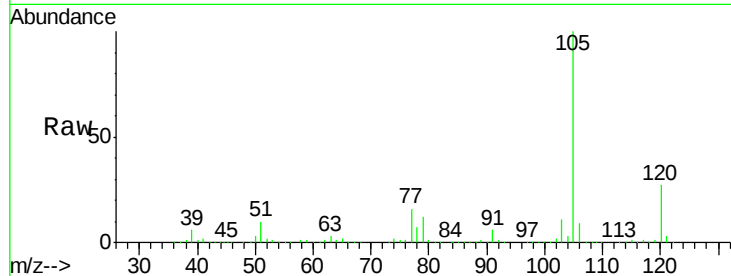
VSTDCCC050EC

Tot Ion:105 Resp: 706195

Ion Ratio Lower Upper

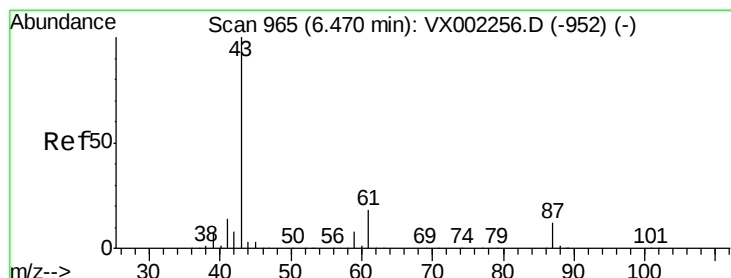
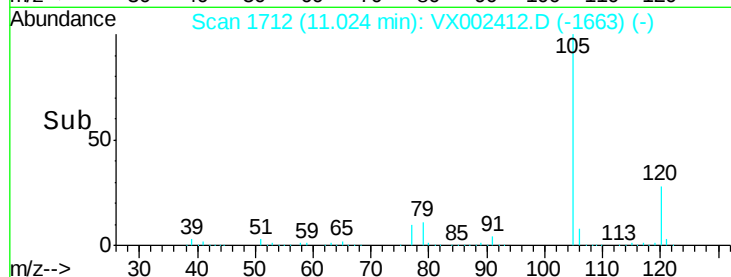
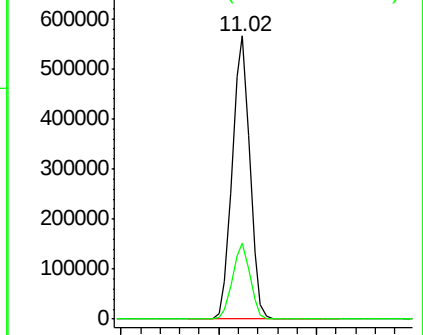
105 100

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: 41.74 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002412.D

Acq: 08 Jun 2018 19:50

Tgt Ion: 43 Resp: 327830

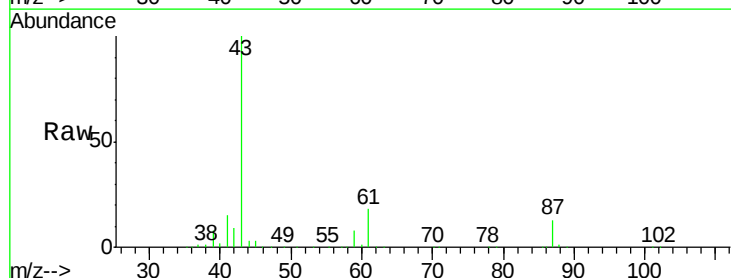
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0#

55 0.1 0.0 0.0#

61 17.7 14.4 21.6

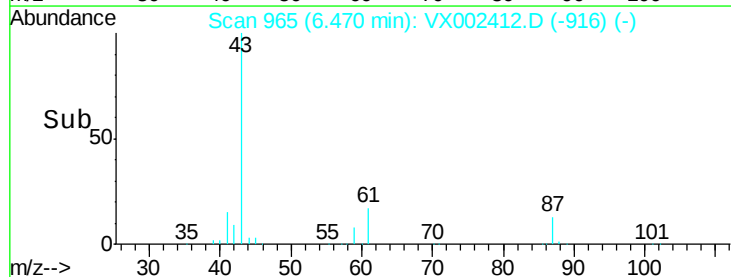
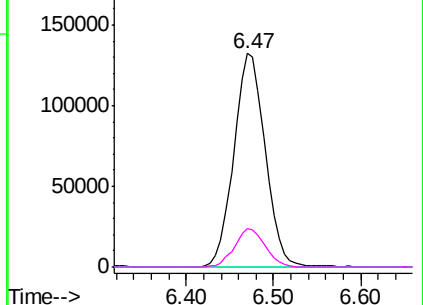


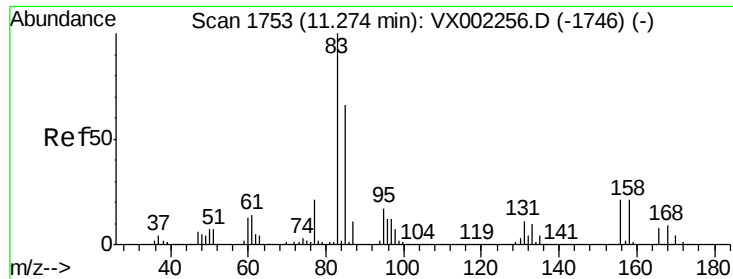
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 45.58 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002412.D

Acq: 08 Jun 2018 19:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

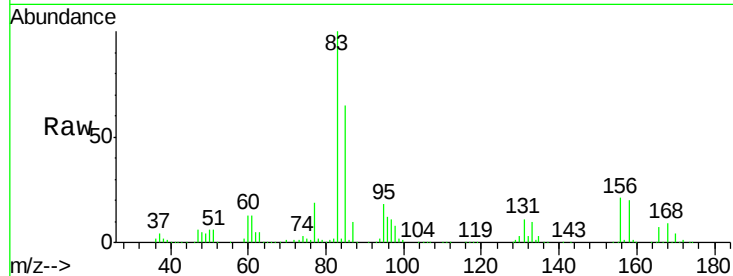
Tot Ion: 83 Resp: 208939

Ion Ratio Lower Upper

83 100

131 11.2 5.6 16.8

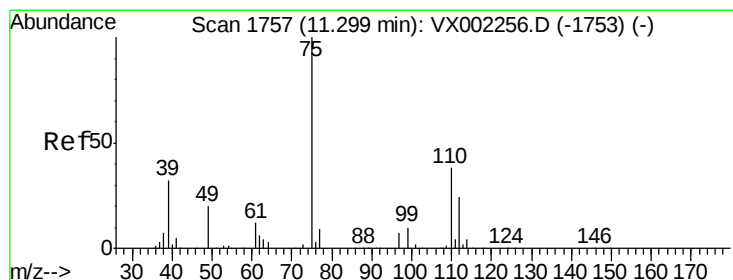
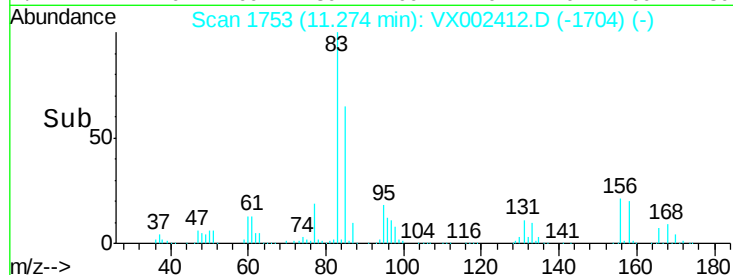
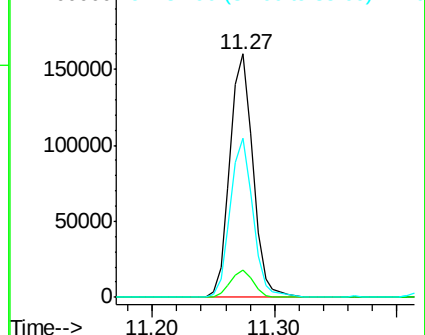
85 64.3 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 52.65 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX002412.D

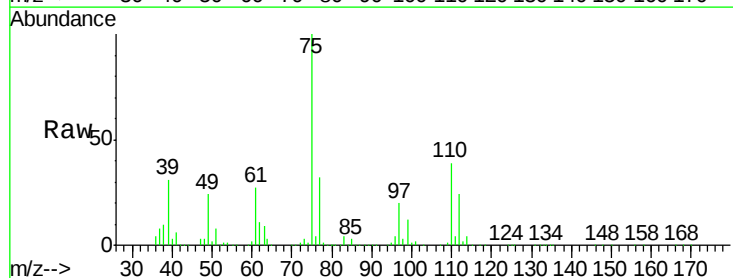
Acq: 08 Jun 2018 19:50

Tgt Ion: 75 Resp: 242055

Ion Ratio Lower Upper

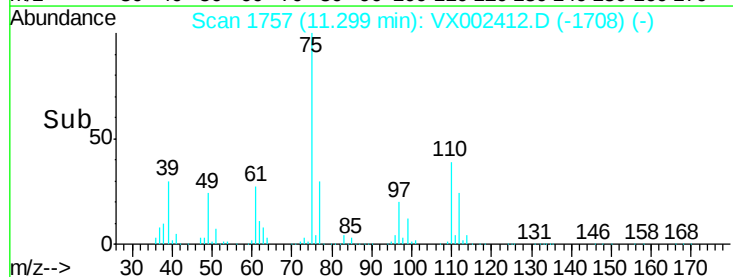
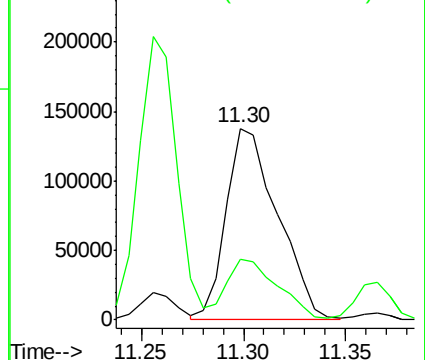
75 100

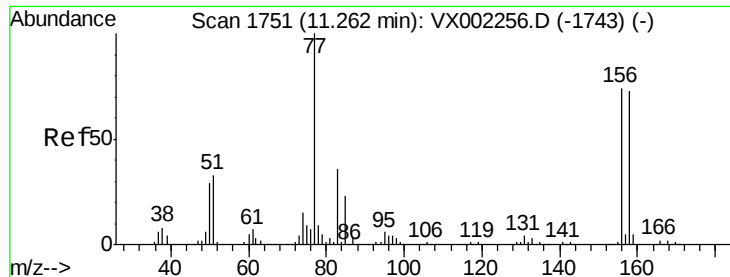
77 32.0 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 46.49 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX002412.D

Acq: 08 Jun 2018 19:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

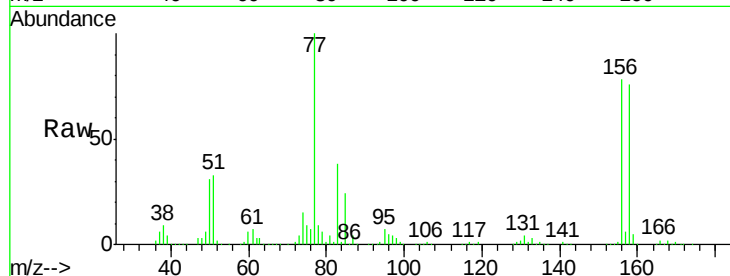
Tot Ion:156 Resp: 190229

Ion Ratio Lower Upper

156 100

77 138.0 71.4 214.2

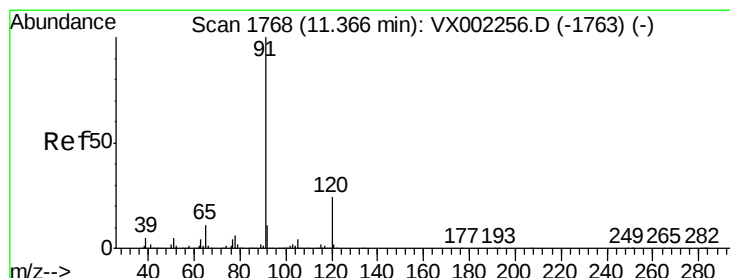
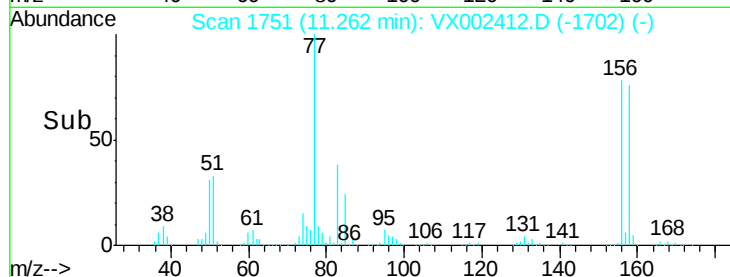
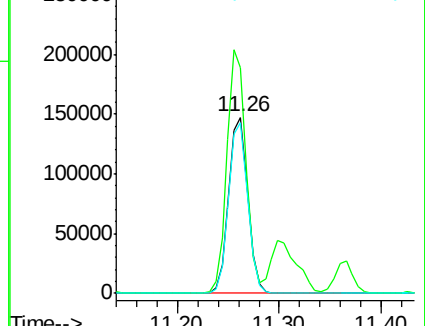
158 97.0 48.9 146.6



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: 49.34 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002412.D

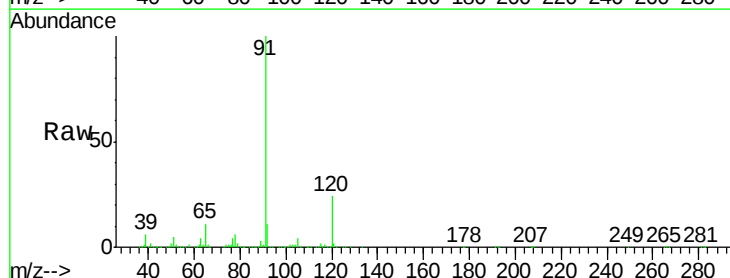
Acq: 08 Jun 2018 19:50

Tgt Ion: 91 Resp: 799382

Ion Ratio Lower Upper

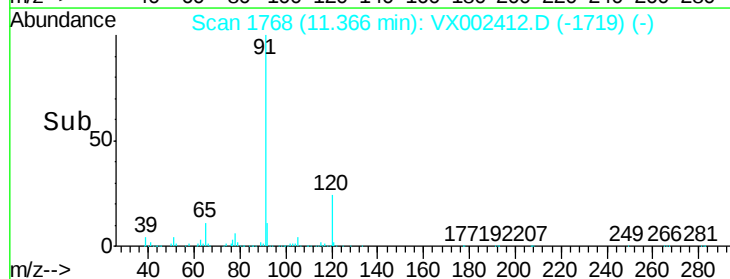
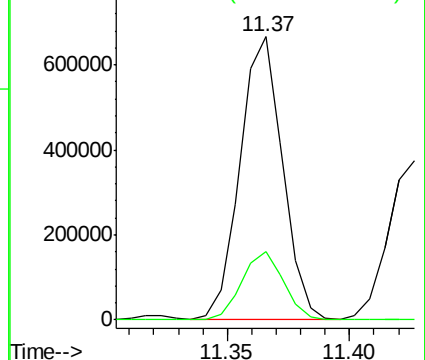
91 100

120 23.9 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: 46.24 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002412.D

Acq: 08 Jun 2018 19:50

Instrument :

MSVOA_X

ClientSampleId :

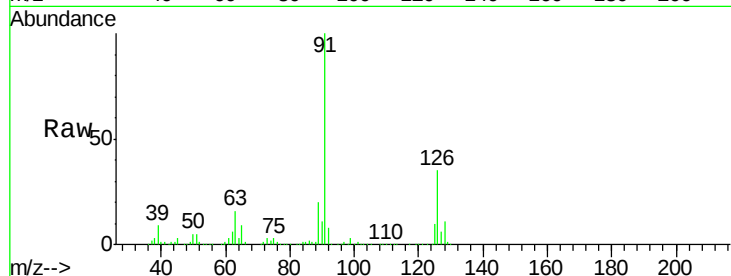
VSTDCCC050EC

Tot Ion: 91 Resp: 473050

Ion Ratio Lower Upper

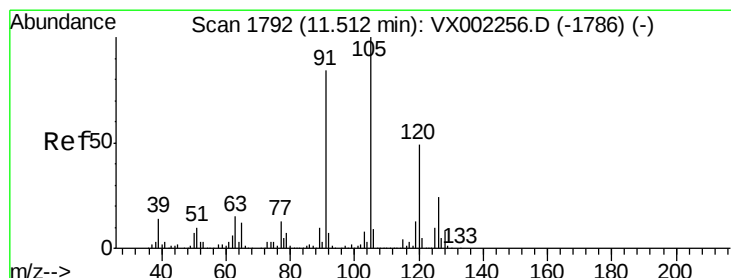
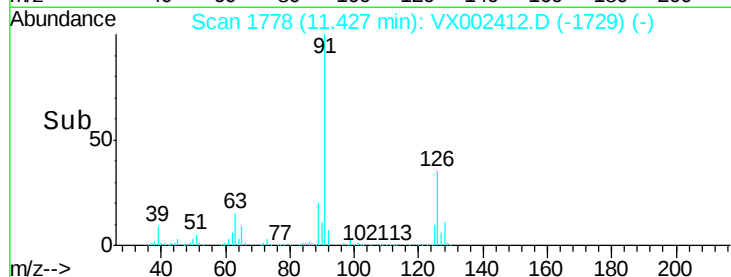
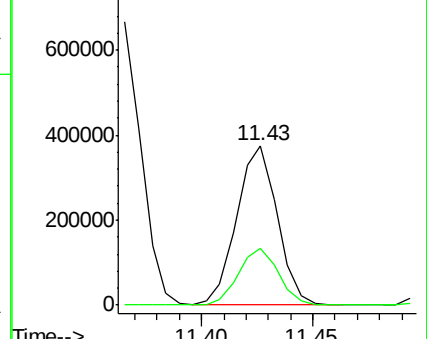
91 100

126 35.6 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 48.34 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002412.D

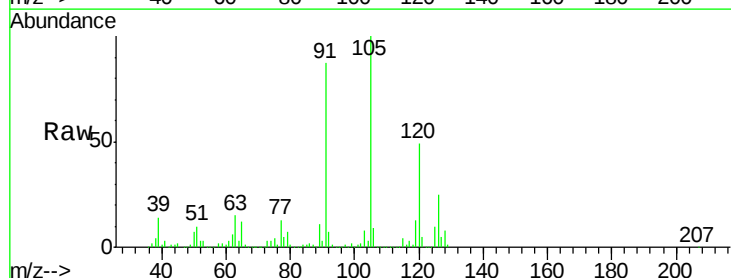
Acq: 08 Jun 2018 19:50

Tgt Ion: 105 Resp: 604302

Ion Ratio Lower Upper

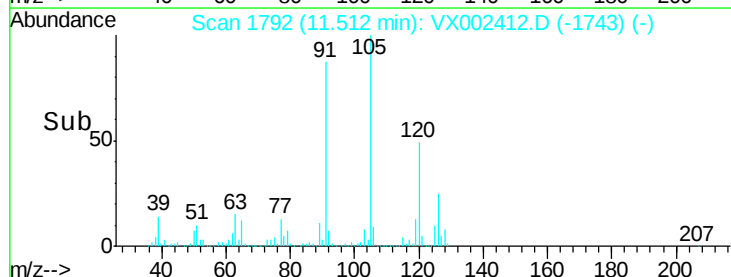
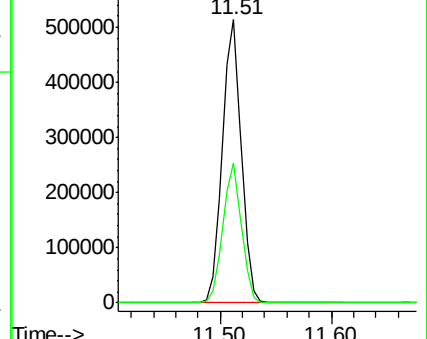
105 100

120 48.6 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 39.91 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX002412.D

Acq: 08 Jun 2018 19:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

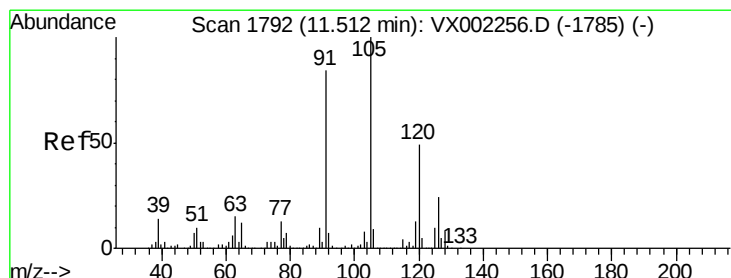
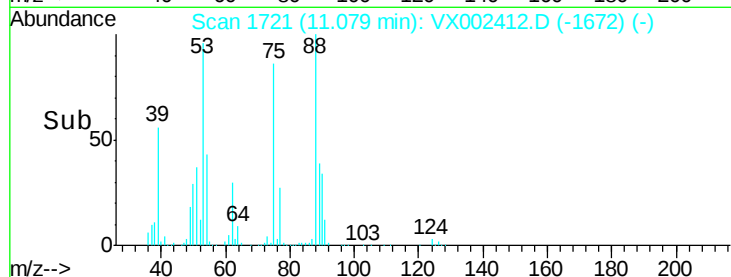
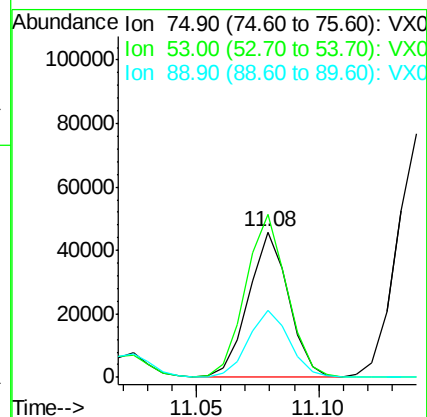
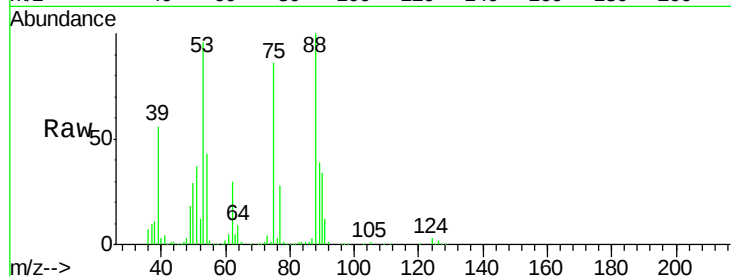
Tot Ion: 75 Resp: 52348

Ion Ratio Lower Upper

75 100

53 115.1 86.8 130.2

89 46.8 38.2 57.2



#82

4-Chlorotoluene

Concen: 47.60 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002412.D

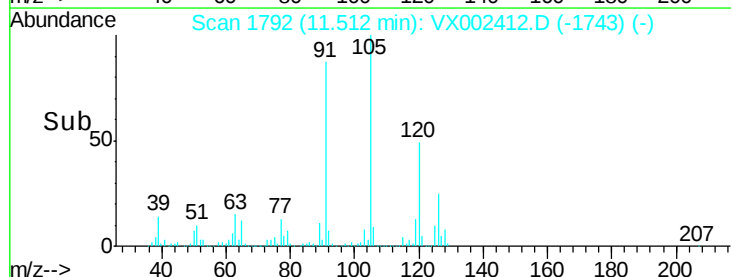
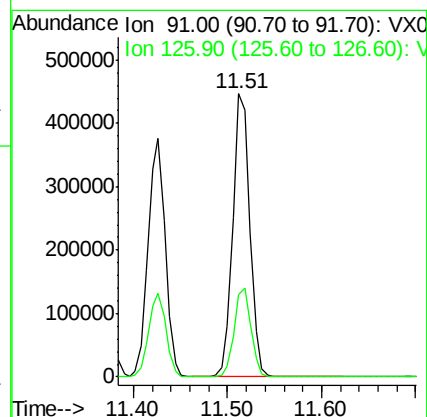
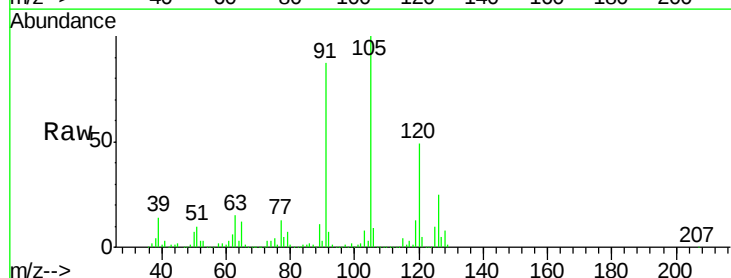
Acq: 08 Jun 2018 19:50

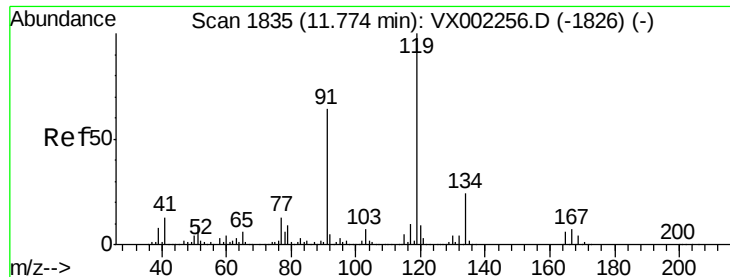
Tgt Ion: 91 Resp: 562099

Ion Ratio Lower Upper

91 100

126 31.1 15.4 46.4

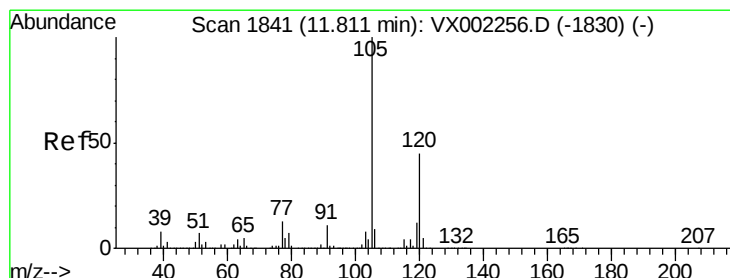
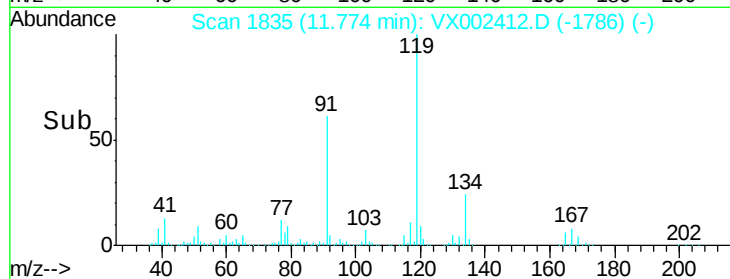
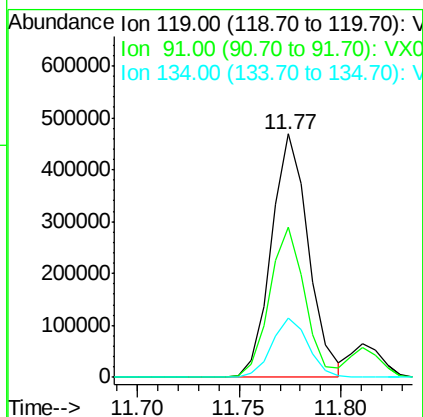
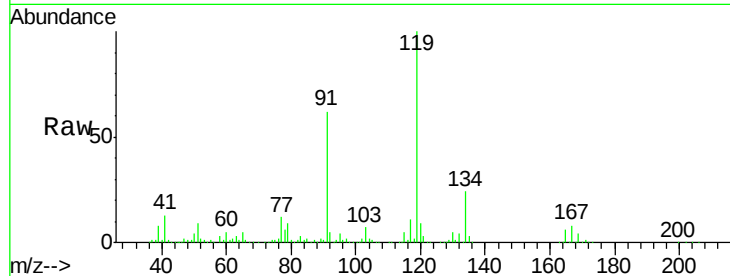




#83
 tert-Butylbenzene
 Concen: 48.73 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002412.D
 Acq: 08 Jun 2018 19:50

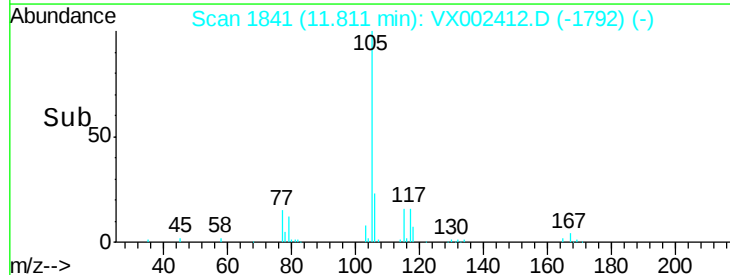
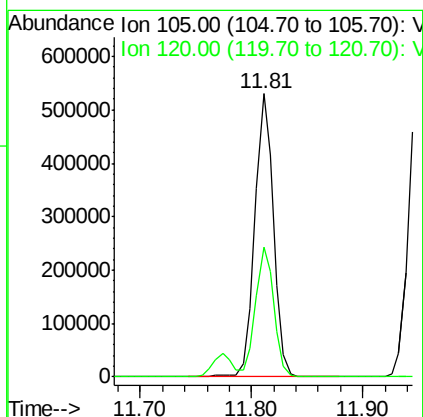
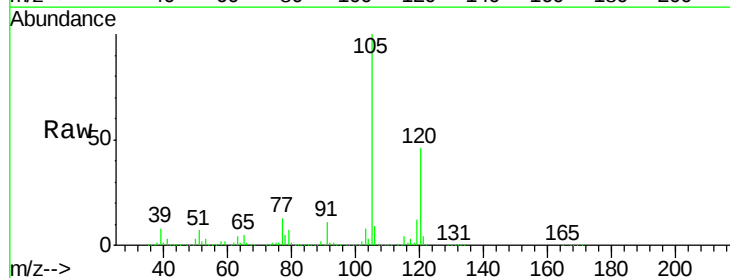
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

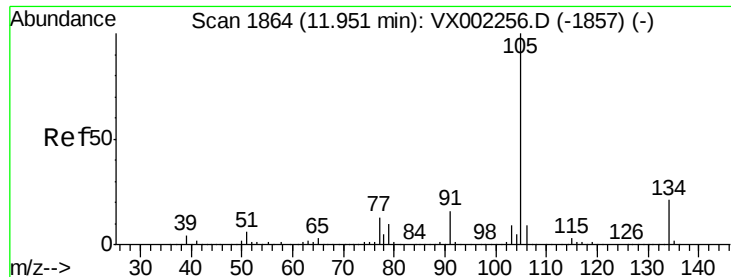
Tot Ion:119 Resp: 593311
 Ion Ratio Lower Upper
 119 100
 91 59.4 30.3 90.9
 134 23.8 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 47.93 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002412.D
 Acq: 08 Jun 2018 19:50

Tgt Ion:105 Resp: 616893
 Ion Ratio Lower Upper
 105 100
 120 45.7 22.3 66.8





#85

sec-Butylbenzene

Concen: 50.88 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002412.D

Acq: 08 Jun 2018 19:50

Instrument :

MSVOA_X

ClientSampleId :

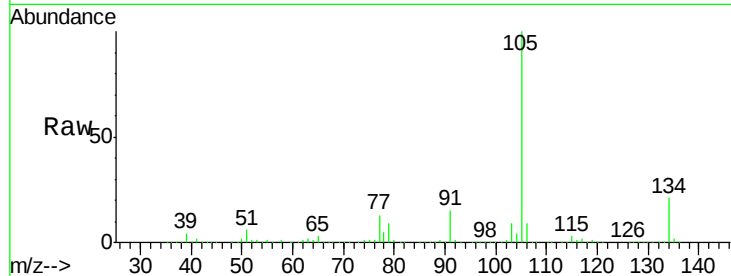
VSTDCCC050EC

Tot Ion:105 Resp: 726241

Ion Ratio Lower Upper

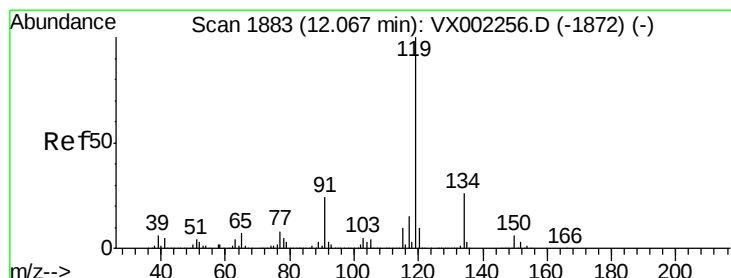
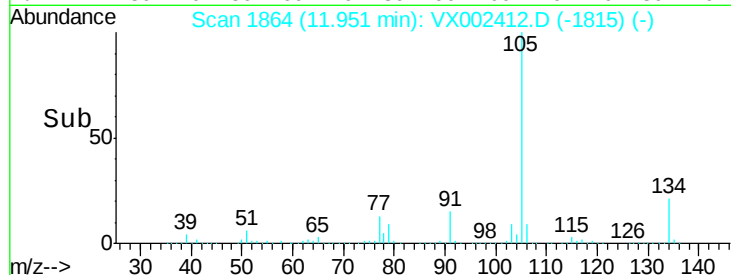
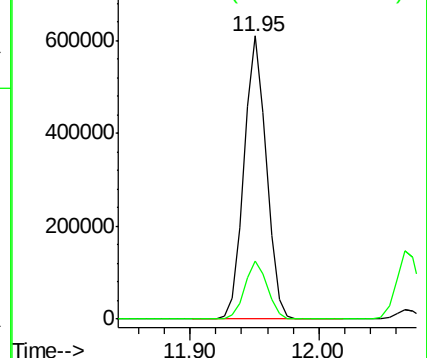
105 100

134 20.9 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.16 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002412.D

Acq: 08 Jun 2018 19:50

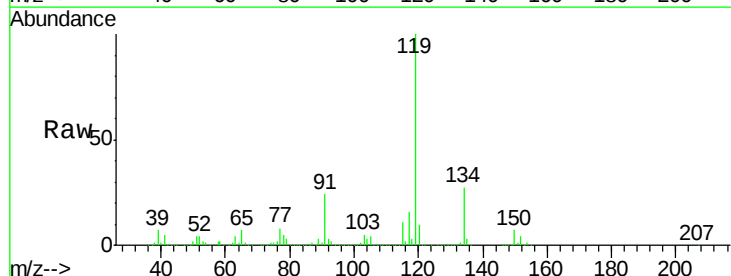
Tgt Ion:119 Resp: 652081

Ion Ratio Lower Upper

119 100

134 27.1 13.4 40.1

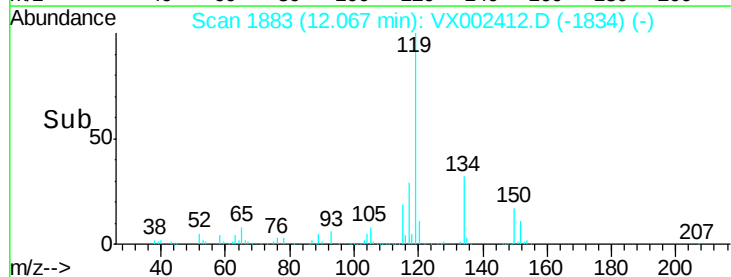
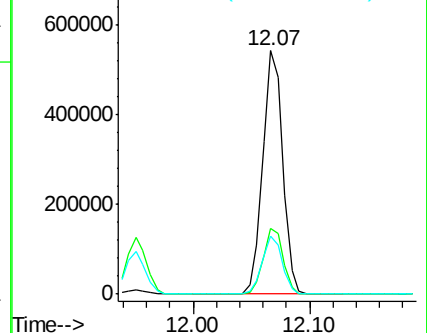
91 24.0 11.9 35.7

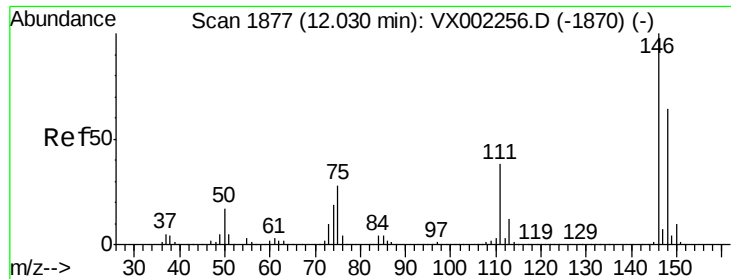


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 47.67 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX002412.D

Acq: 08 Jun 2018 19:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

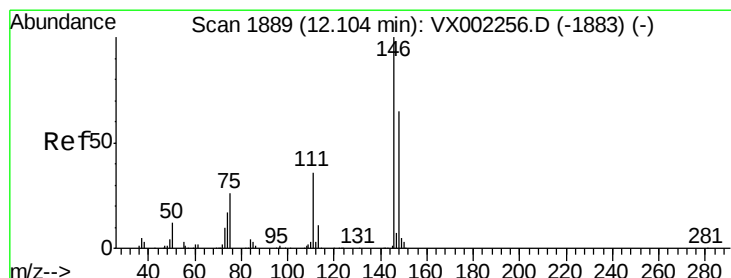
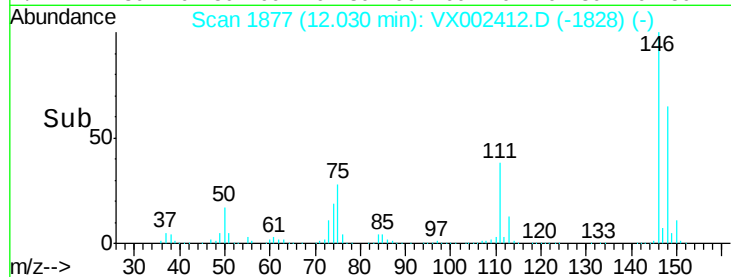
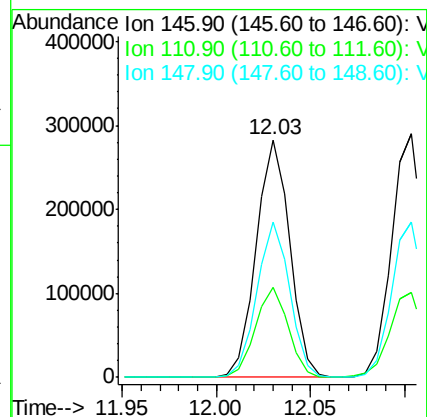
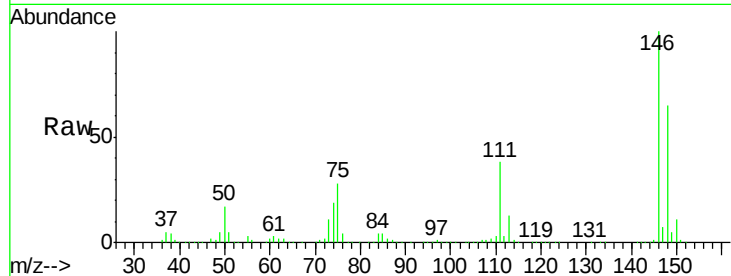
Tot Ion:146 Resp: 348778

Ion Ratio Lower Upper

146 100

111 37.1 18.9 56.7

148 64.0 32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 47.20 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX002412.D

Acq: 08 Jun 2018 19:50

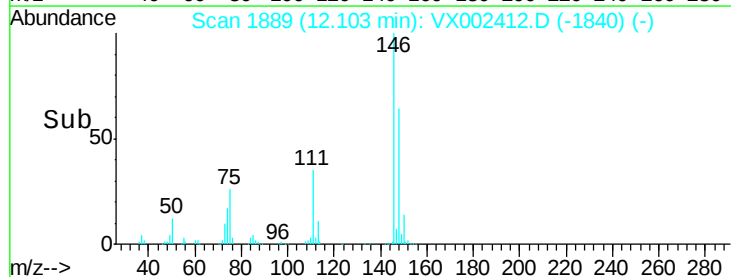
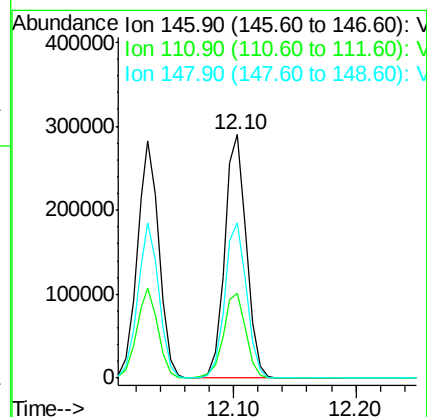
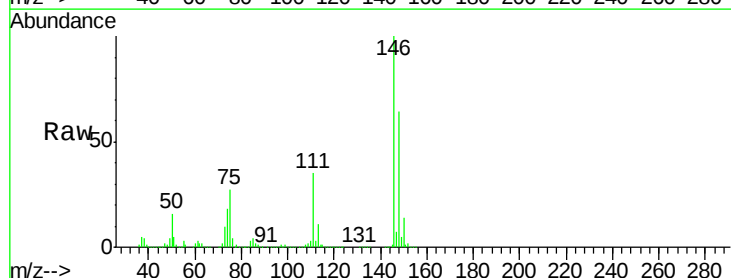
Tgt Ion:146 Resp: 355996

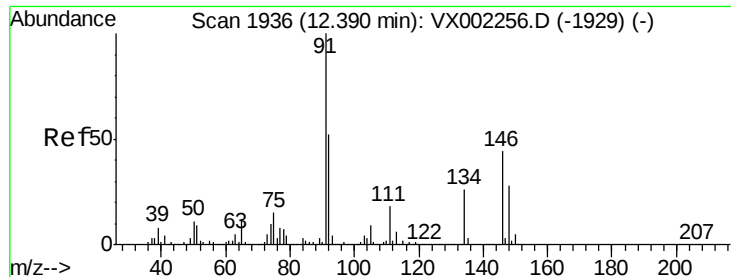
Ion Ratio Lower Upper

146 100

111 36.1 18.7 56.1

148 64.2 32.4 97.0

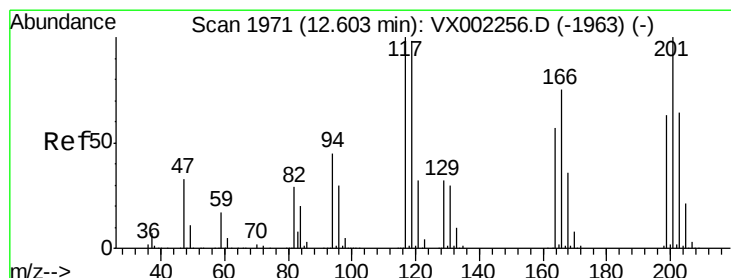
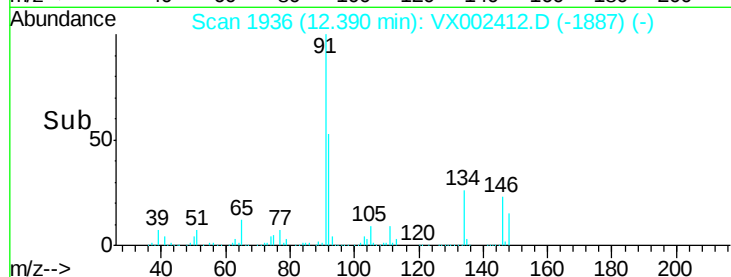
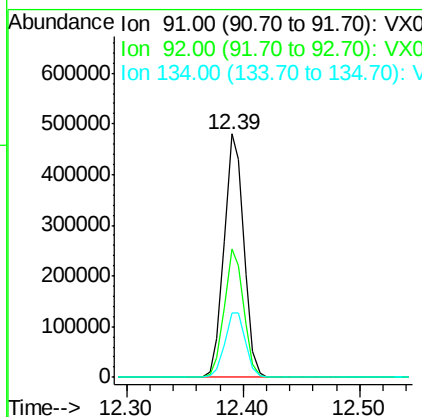
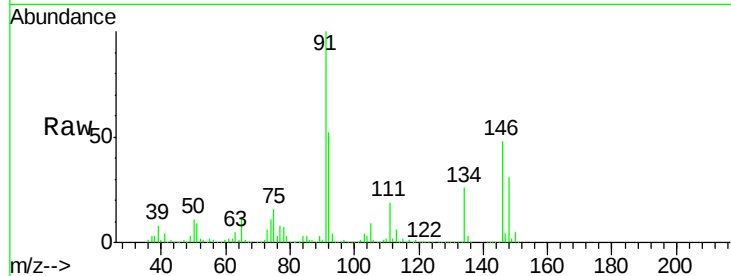




#89
n-Butylbenzene
Concen: 51.53 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX002412.D
Acq: 08 Jun 2018 19:50

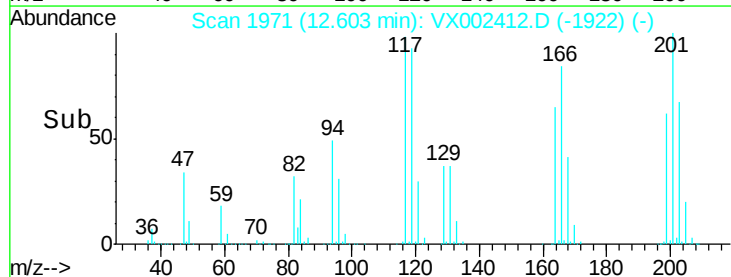
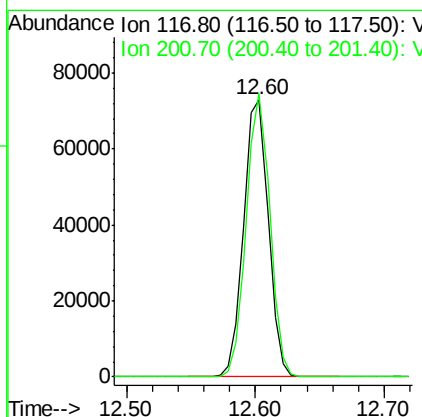
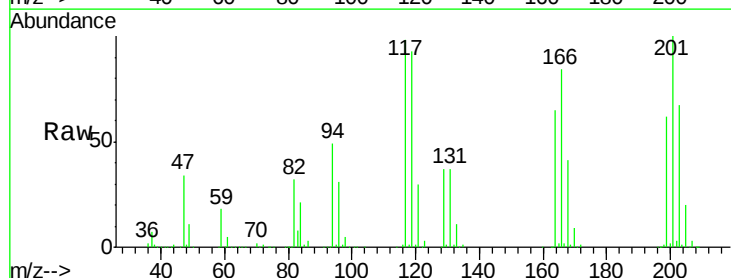
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 561854
Ion Ratio Lower Upper
91 100
92 51.6 26.0 78.0
134 27.4 13.5 40.5



#90
Hexachloroethane
Concen: 46.38 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX002412.D
Acq: 08 Jun 2018 19:50

Tgt Ion: 117 Resp: 96247
Ion Ratio Lower Upper
117 100
201 97.4 49.0 147.0

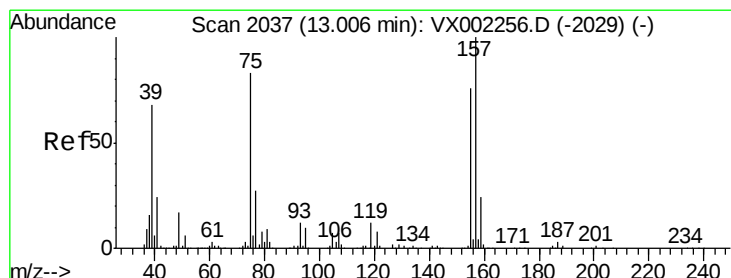
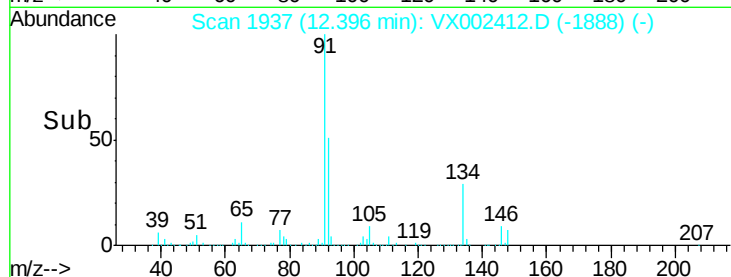
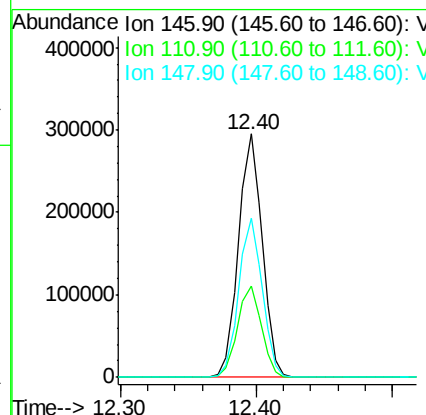
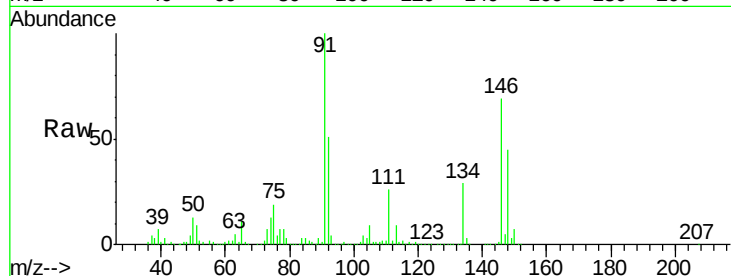




#91
 1,2-Dichlorobenzene
 Concen: 47.34 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX002412.D
 Acq: 08 Jun 2018 19:50

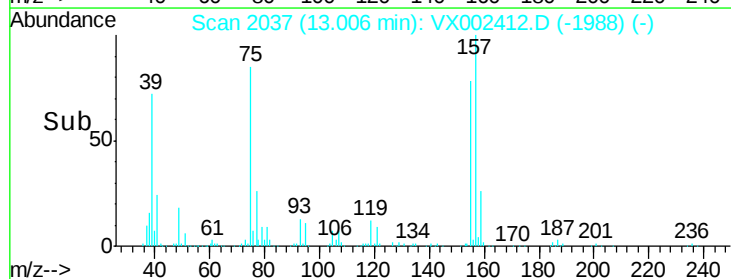
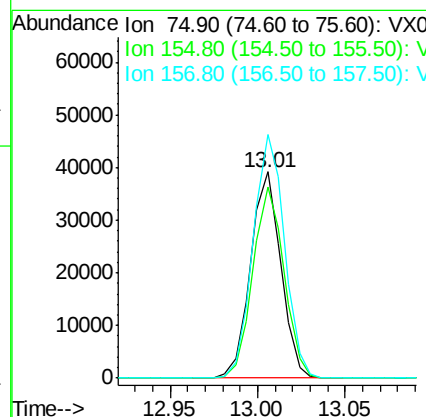
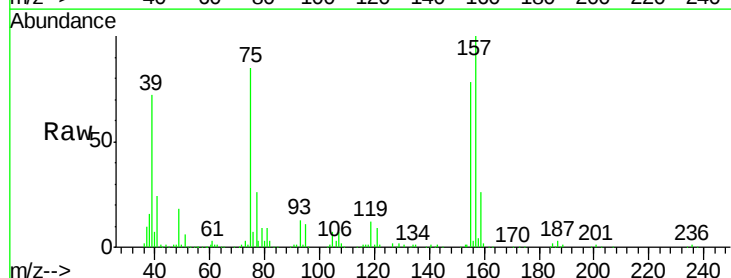
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

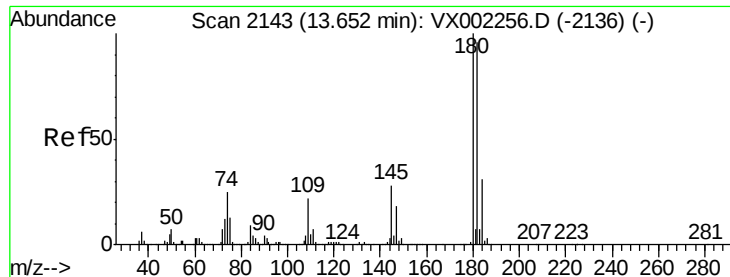
Tot Ion:146 Resp: 358380
 Ion Ratio Lower Upper
 146 100
 111 38.1 19.4 58.1
 148 64.8 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.01 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX002412.D
 Acq: 08 Jun 2018 19:50

Tgt Ion: 75 Resp: 47125
 Ion Ratio Lower Upper
 75 100
 155 95.6 45.8 137.4
 157 122.5 60.1 180.3

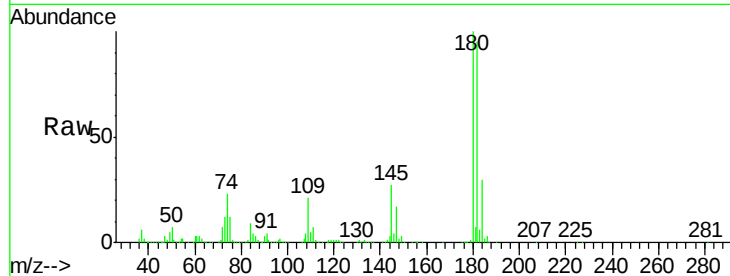




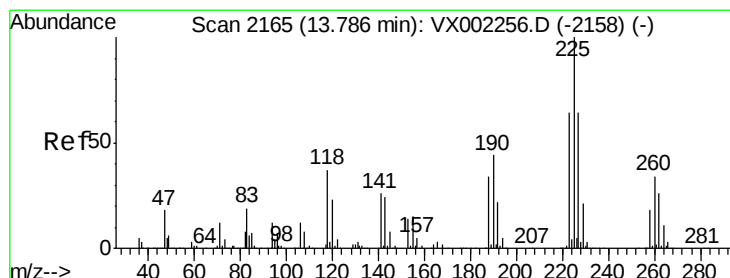
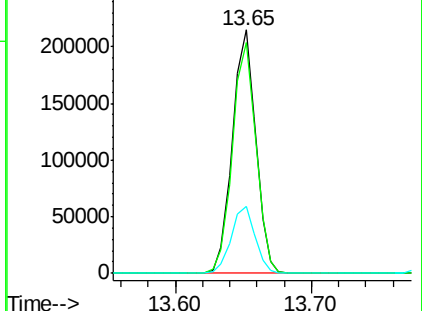
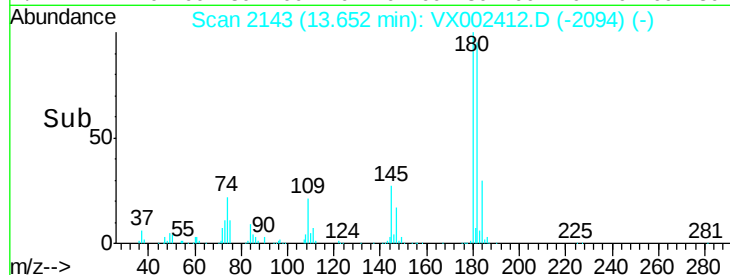
#93
 1,2,4-Trichlorobenzene
 Concen: 48.44 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002412.D
 Acq: 08 Jun 2018 19:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:180 Resp: 257127
 Ion Ratio Lower Upper
 180 100
 182 95.7 47.7 143.1
 145 28.0 14.1 42.4

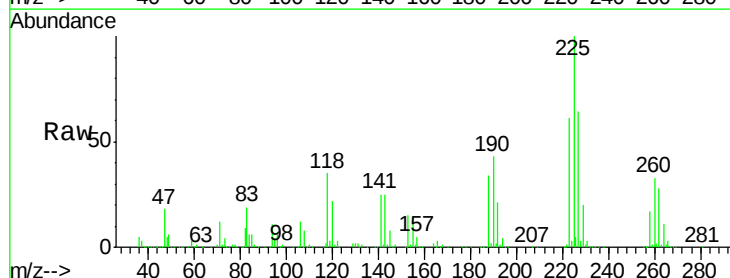


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

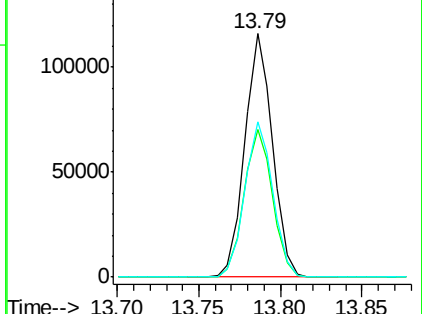
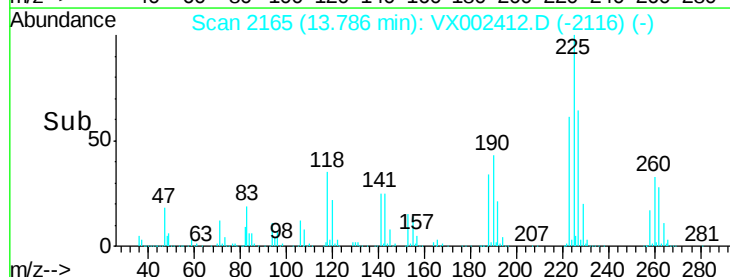


#94
 Hexachlorobutadiene
 Concen: 52.25 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002412.D
 Acq: 08 Jun 2018 19:50

Tgt Ion:225 Resp: 137045
 Ion Ratio Lower Upper
 225 100
 223 62.3 31.6 95.0
 227 64.7 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: 48.61 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002412.D

Acq: 08 Jun 2018 19:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

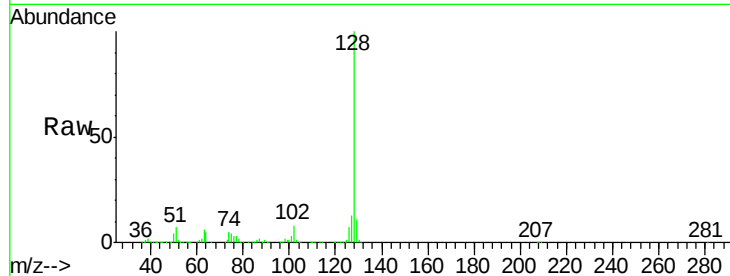
Tot Ion:128 Resp: 741401

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

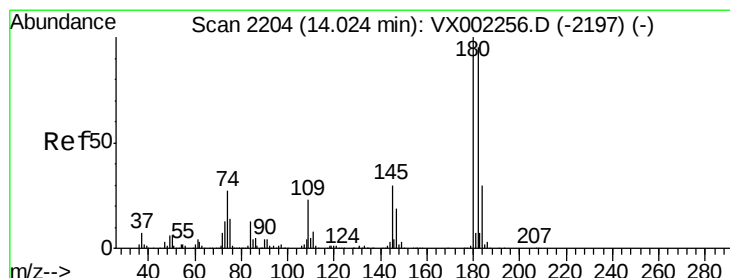
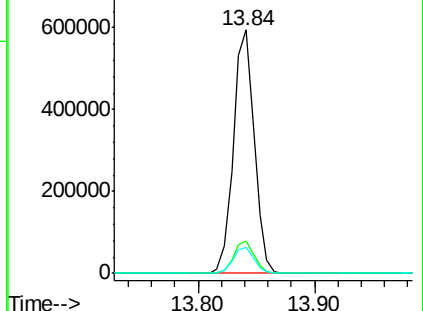
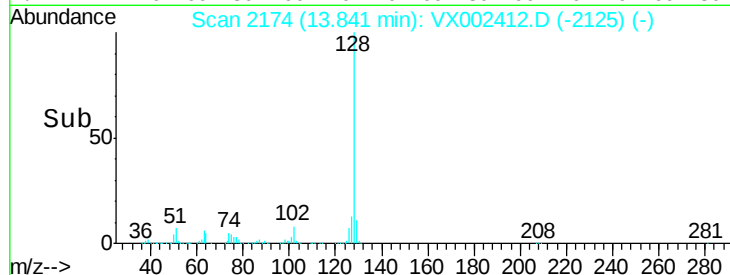
129 10.9 8.6 13.0



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: 48.99 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX002412.D

Acq: 08 Jun 2018 19:50

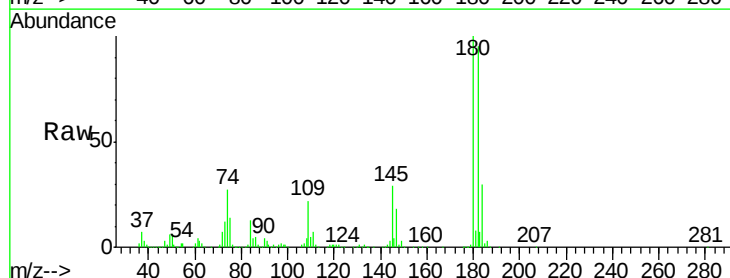
Tgt Ion:180 Resp: 265185

Ion Ratio Lower Upper

180 100

182 96.2 48.0 144.0

145 29.1 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

