

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061118\
 Data File : VX002436.D
 Acq On : 11 Jun 2018 10:57
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 11 16:33:42 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	223423	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	342823	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	345434	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	228269	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	161741	50.67	ug/l	0.00
Spiked Amount			Recovery	=	101.34%	
35) Dibromofluoromethane	5.51	113	124702	46.25	ug/l	0.00
Spiked Amount			Recovery	=	92.50%	
50) Toluene-d8	8.72	98	458981	44.42	ug/l	0.00
Spiked Amount			Recovery	=	88.84%	
62) 4-Bromofluorobenzene	11.14	95	188401	47.28	ug/l	0.00
Spiked Amount			Recovery	=	94.56%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	98488	42.40	ug/l	95
3) Chloromethane	1.33	50	125852	47.13	ug/l	99
4) Vinyl Chloride	1.41	62	130841	44.70	ug/l	100
5) Bromomethane	1.64	94	79999	48.17	ug/l	97
6) Chloroethane	1.72	64	92837	49.03	ug/l	99
7) Trichlorofluoromethane	1.93	101	219576	49.23	ug/l	98
8) Diethyl Ether	2.19	74	98145	62.53	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	123457	51.30	ug/l	100
10) Methyl Iodide	2.51	142	133530	39.45	ug/l	100
11) Tert butyl alcohol	3.07	59	174032	267.14	ug/l	98
12) 1,1-Dichloroethene	2.38	96	111979	47.08	ug/l	95
13) Acrolein	2.29	56	92905	294.60	ug/l	100
14) Allyl chloride	2.73	41	255411	49.48	ug/l	99
15) Acrylonitrile	3.15	53	397786	294.25	ug/l	100
16) Acetone	2.45	43	481940	359.10	ug/l	99
17) Carbon Disulfide	2.57	76	271713	43.34	ug/l	99
18) Methyl Acetate	2.78	43	193085	60.91	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	515906	62.90	ug/l	99
20) Methylene Chloride	2.86	84	148968	59.49	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	127629	48.66	ug/l	99
22) Diisopropyl ether	3.87	45	539773	62.98	ug/l	95
23) Vinyl Acetate	3.82	43	2387165	285.28	ug/l	100
24) 1,1-Dichloroethane	3.70	63	266394	52.22	ug/l	99
25) 2-Butanone	4.70	43	563063	257.03	ug/l	99
26) 2,2-Dichloropropane	4.59	77	195462	49.01	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	143420	50.28	ug/l	94
28) Bromochloromethane	5.02	49	134229	62.77	ug/l	100
29) Tetrahydrofuran	5.16	42	339189	240.15	ug/l	99
30) Chloroform	5.22	83	253108	51.42	ug/l	98
31) Cyclohexane	5.58	56	181888	45.09	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	205709	49.27	ug/l	100
36) 1,1-Dichloropropene	5.80	75	163226	45.29	ug/l	100
37) Ethyl Acetate	4.86	43	211567	48.81	ug/l	99
38) Carbon Tetrachloride	5.79	117	179499	47.61	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	188097	42.28	ug/l	98
40) Benzene	6.15	78	529246	47.89	ug/l	100
41) Methacrylonitrile	5.06	41	121225	48.86	ug/l	100
42) 1,2-Dichloroethane	6.20	62	220411	50.20	ug/l	100
43) Isopropyl Acetate	6.46	43	368394	50.04	ug/l	100
44) Trichloroethene	7.21	130	148365	48.38	ug/l	100
45) 1,2-Dichloropropane	7.52	63	152487	51.11	ug/l	100
46) Dibromomethane	7.67	93	103907	51.38	ug/l	99
47) Bromodichloromethane	7.90	83	196189	53.64	ug/l	96
48) Methyl methacrylate	7.78	41	187313	50.65	ug/l	99
49) 1,4-Dioxane	7.76	88	66040	955.14	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1153204	251.54	ug/l	99
52) Toluene	8.79	92	349997	49.80	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	236613	53.94	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	226616	54.76	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	154725	53.52	ug/l	98
56) Ethyl methacrylate	9.18	69	238895	51.76	ug/l	99
57) 1,3-Dichloropropane	9.37	76	254084	52.39	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	619097	289.83	ug/l	99
59) 2-Hexanone	9.50	43	915771	258.61	ug/l	99
60) Dibromochloromethane	9.59	129	167570	57.63	ug/l	100
61) 1,2-Dibromoethane	9.68	107	162397	53.88	ug/l	100
64) Tetrachloroethene	9.34	164	156142	43.83	ug/l	96
65) Chlorobenzene	10.14	112	418710	48.71	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	160439	51.55	ug/l	100
67) Ethyl Benzene	10.26	91	697894	48.52	ug/l	99
68) m/p-Xylenes	10.36	106	544708	97.41	ug/l	100
69) o-Xylene	10.70	106	272139	48.91	ug/l	99
70) Styrene	10.71	104	464865	51.10	ug/l	100
71) Bromoform	10.86	173	133467	48.03	ug/l	# 100
73) Isopropylbenzene	11.02	105	708948	44.65	ug/l	100
74) N-amyl acetate	6.46	43	368394	43.05	ug/l	# 100
75) 1,1,2,2-Tetrachloroethane	11.27	83	229564	45.96	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	273152	54.53	ug/l	79
77) Bromobenzene	11.26	156	209001	46.88	ug/l	98
78) n-propylbenzene	11.37	91	821940	46.57	ug/l	100
79) 2-Chlorotoluene	11.43	91	503906	45.22	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	624406	45.84	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	68618	48.02	ug/l	99
82) 4-Chlorotoluene	11.51	91	604225	46.97	ug/l	99
83) tert-Butylbenzene	11.77	119	609810	45.98	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	656245	46.81	ug/l	99
85) sec-Butylbenzene	11.95	105	725664	46.67	ug/l	100
86) p-Isopropyltoluene	12.07	119	673006	47.52	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	383380	48.10	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	392670	47.79	ug/l	99
89) n-Butylbenzene	12.39	91	595302	50.12	ug/l	100
90) Hexachloroethane	12.60	117	106582	47.14	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	395251	47.93	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	52039	47.65	ug/l	99

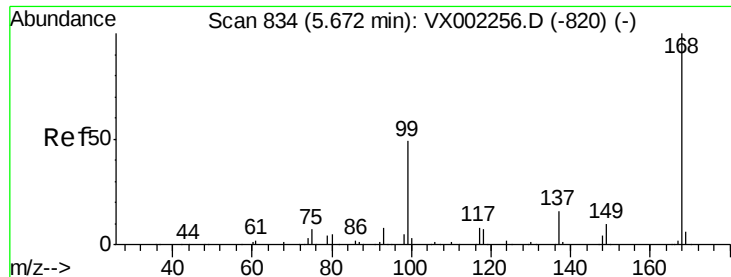
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	300990	52.05	ug/l	100
94) Hexachlorobutadiene	13.79	225	138120	48.33	ug/l	99
95) Naphthalene	13.84	128	815408	49.08	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	301799	51.17	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: VX002436.D

Acq: 11 Jun 2018 10:57

Instrument :

MSVOA_X

ClientSampleId :

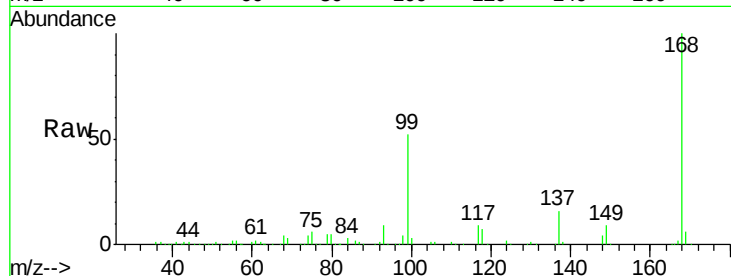
VSTDCCC050

Tot Ion:168 Resp: 223423

Ion Ratio Lower Upper

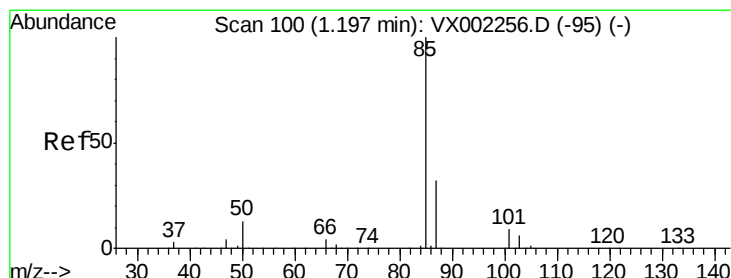
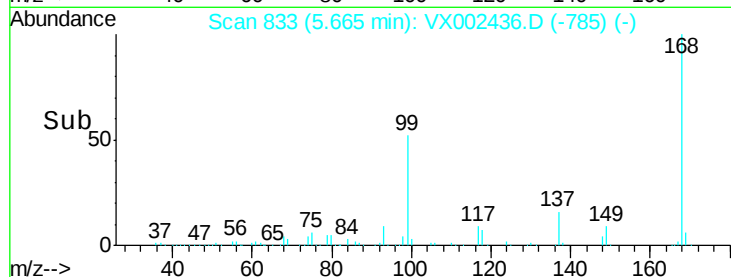
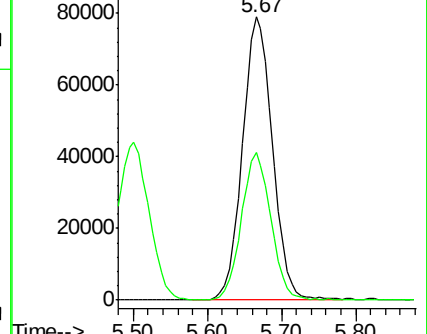
168 100

99 51.8 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: 42.40 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX002436.D

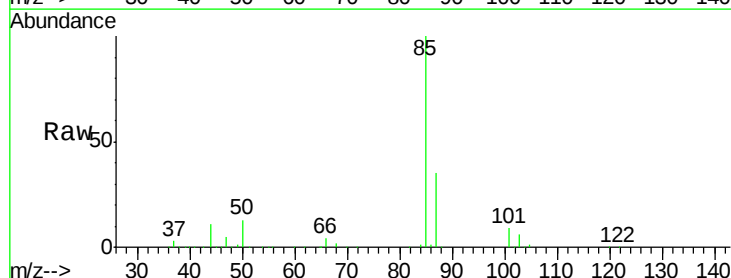
Acq: 11 Jun 2018 10:57

Tgt Ion: 85 Resp: 98488

Ion Ratio Lower Upper

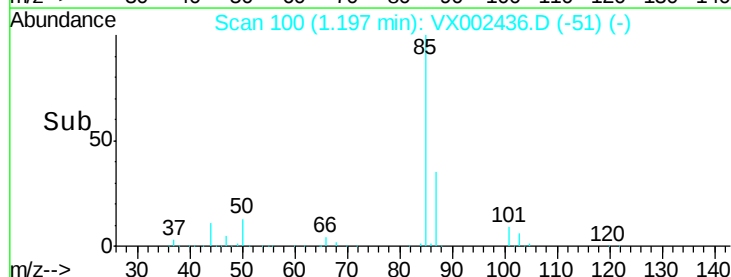
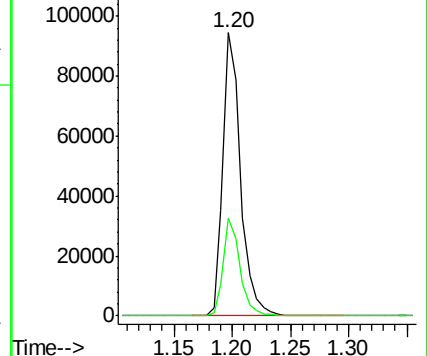
85 100

87 34.8 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: 47.13 ug/l

RT: 1.33 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX002436.D

Acq: 11 Jun 2018 10:57

Instrument :

MSVOA_X

ClientSampleId :

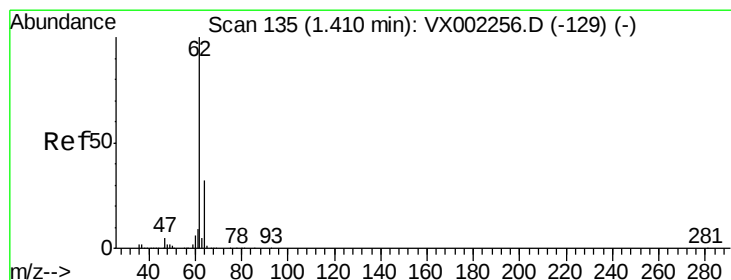
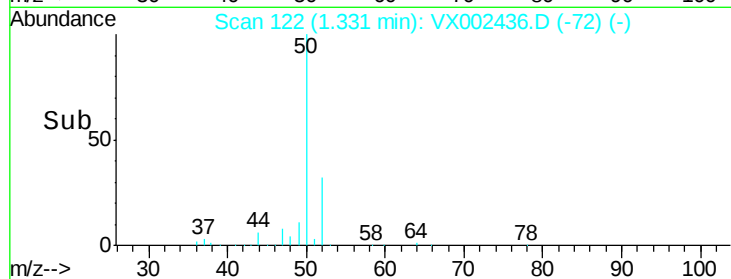
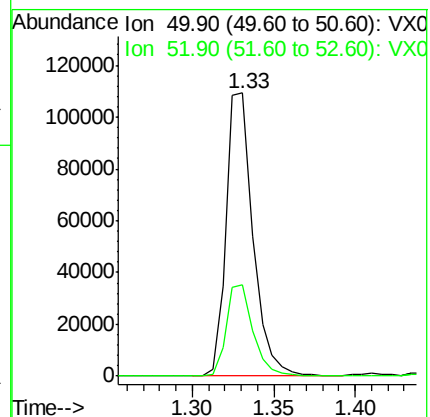
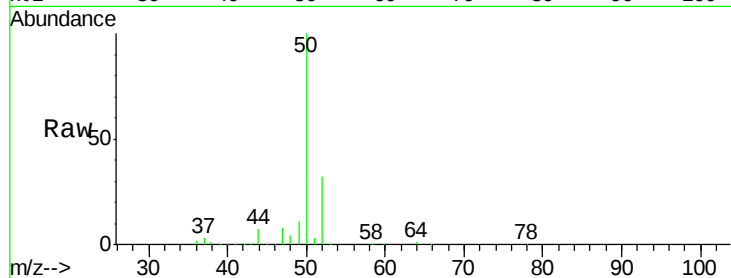
VSTDCCC050

Tot Ion: 50 Resp: 125852

Ion Ratio Lower Upper

50 100

52 32.5 25.7 38.5



#4

Vinyl Chloride

Concen: 44.70 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX002436.D

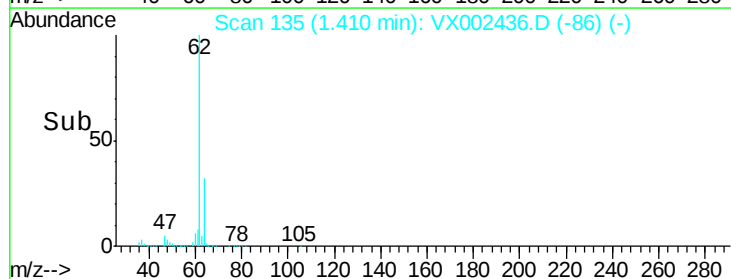
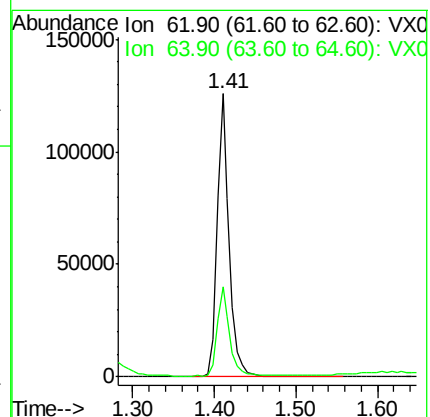
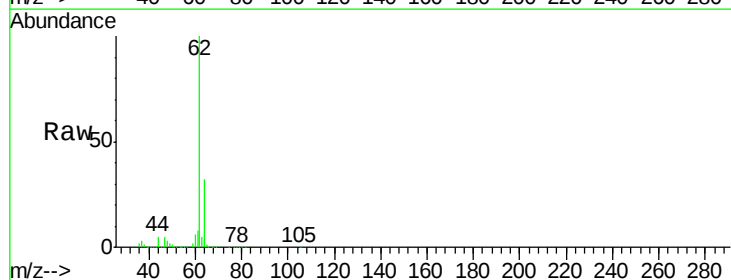
Acq: 11 Jun 2018 10:57

Tgt Ion: 62 Resp: 130841

Ion Ratio Lower Upper

62 100

64 31.8 25.4 38.2





#5

Bromomethane

Concen: 48.17 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX002436.D

Acq: 11 Jun 2018 10:57

Instrument :

MSVOA_X

ClientSampleId :

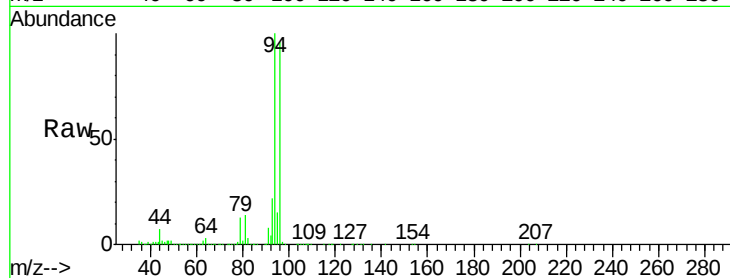
VSTDCCC050

Tot Ion: 94 Resp: 79999

Ion Ratio Lower Upper

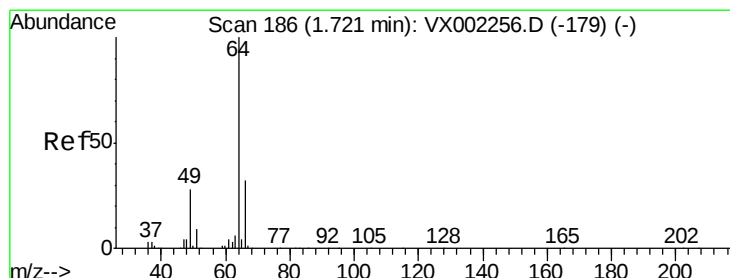
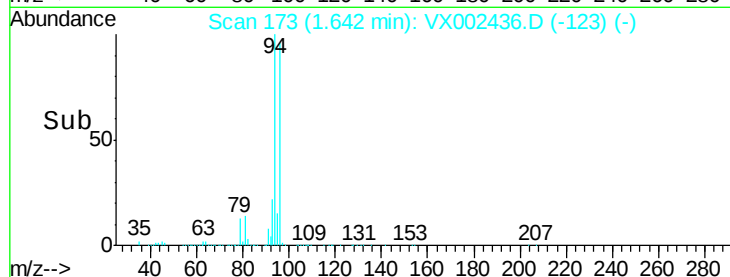
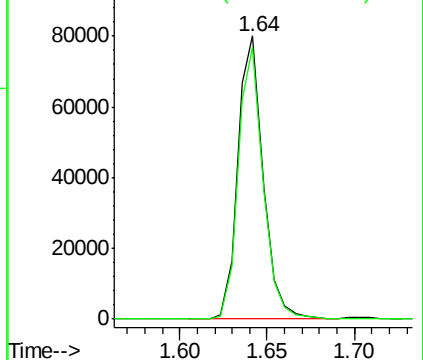
94 100

96 96.2 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: 49.03 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.00 min

Lab File: VX002436.D

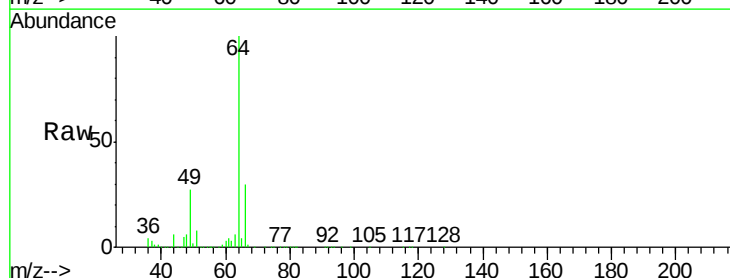
Acq: 11 Jun 2018 10:57

Tgt Ion: 64 Resp: 92837

Ion Ratio Lower Upper

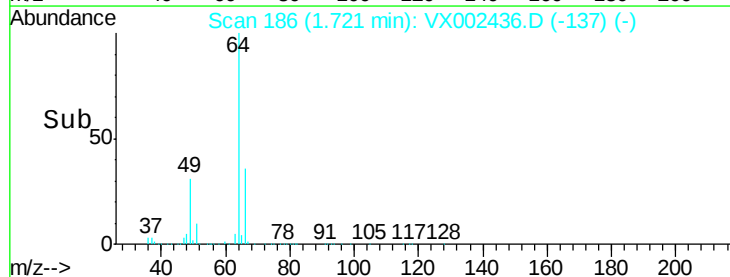
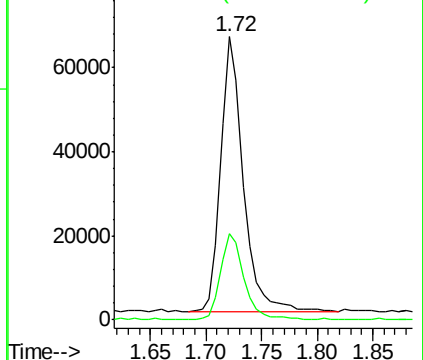
64 100

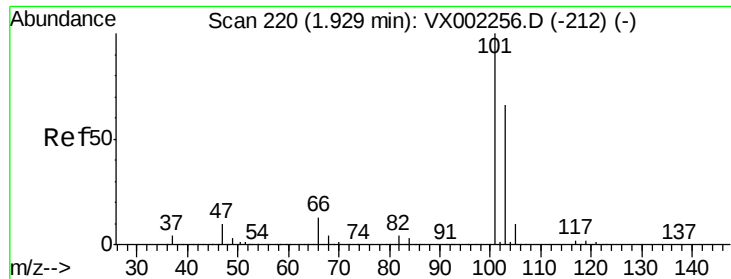
66 31.1 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



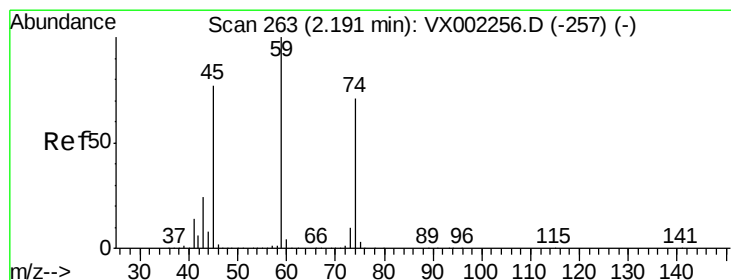
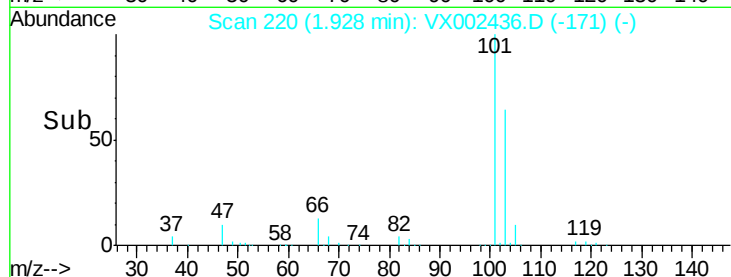
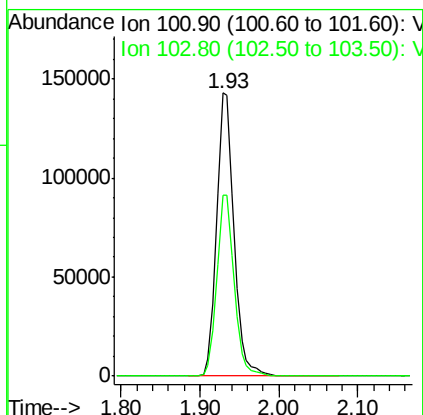
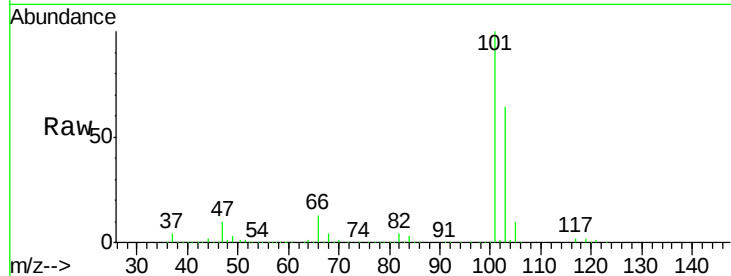


#7

Trichlorofluoromethane
 Concen: 49.23 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. -0.00 min
 Lab File: VX002436.D
 Acq: 11 Jun 2018 10:57

Instrument :
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 ClientSampleId :
 VSTDCCC050

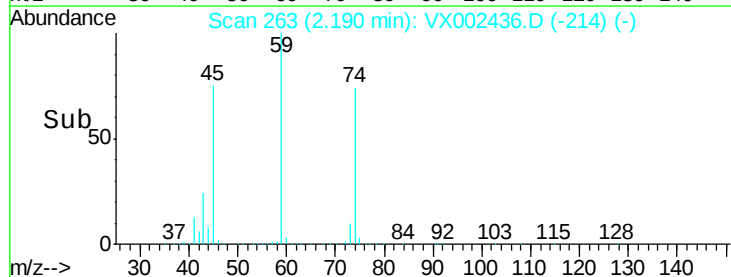
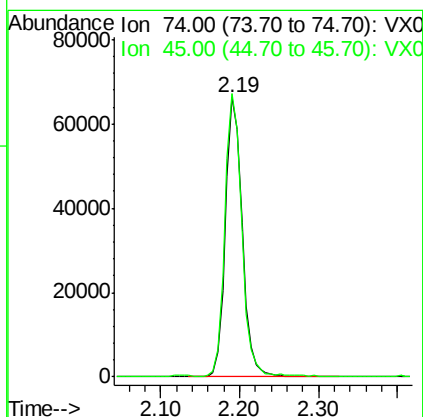
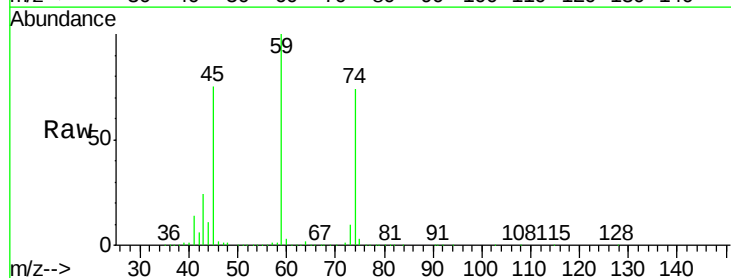
Tot Ion:101 Resp: 219576
 Ion Ratio Lower Upper
 101 100
 103 64.0 52.8 79.2

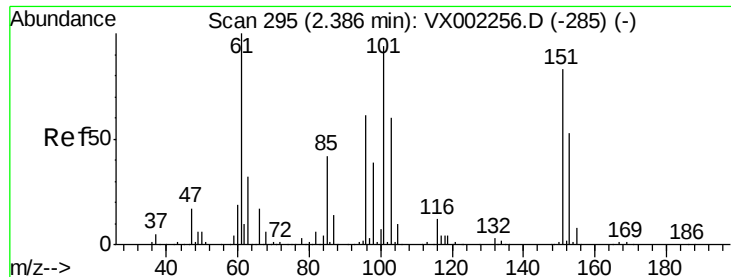


#8

Diethyl Ether
 Concen: 62.53 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX002436.D
 Acq: 11 Jun 2018 10:57

Tgt Ion: 74 Resp: 98145
 Ion Ratio Lower Upper
 74 100
 45 101.4 53.1 159.4

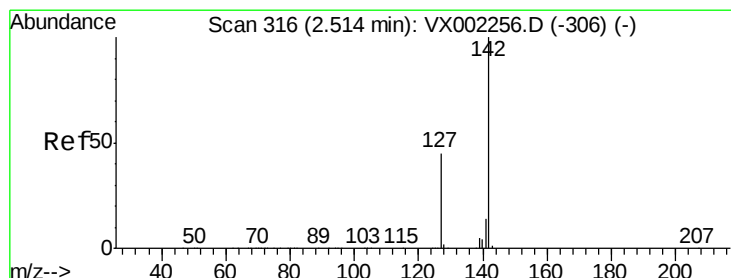
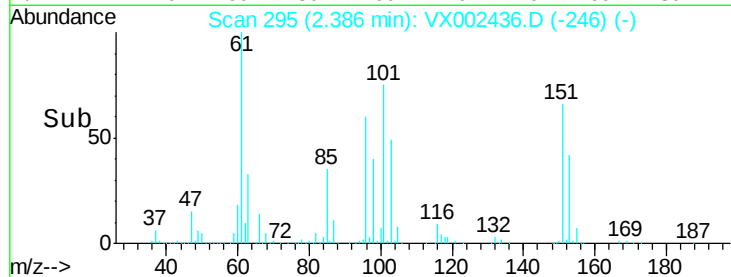
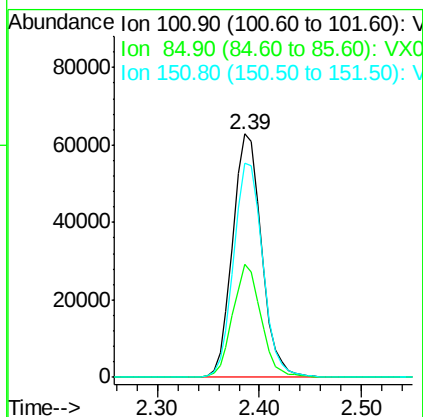
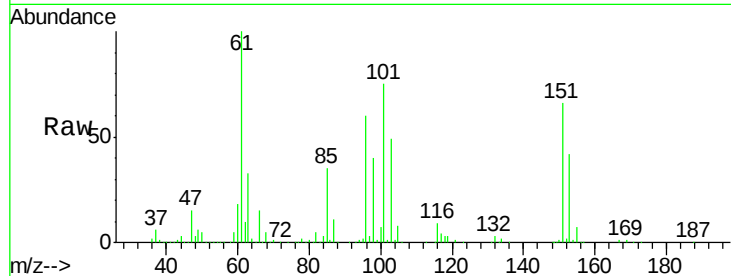




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 51.30 ug/l
 RT: 2.39 min Scan# 295
 Delta R.T. -0.00 min
 Lab File: VX002436.D
 Acq: 11 Jun 2018 10:57

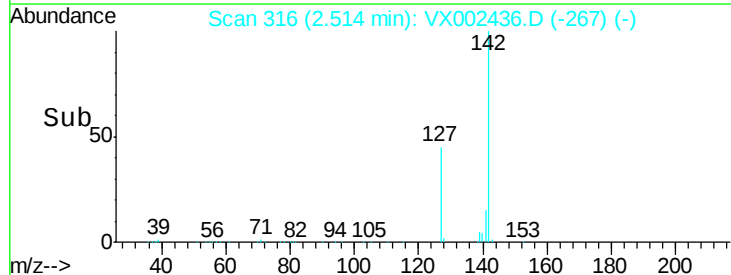
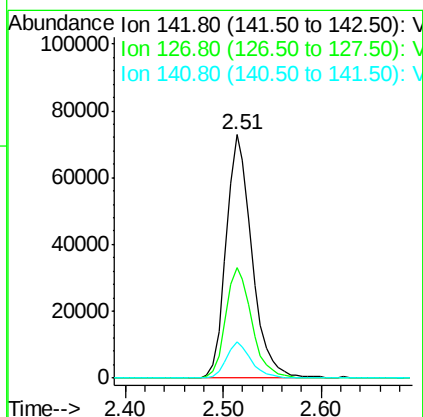
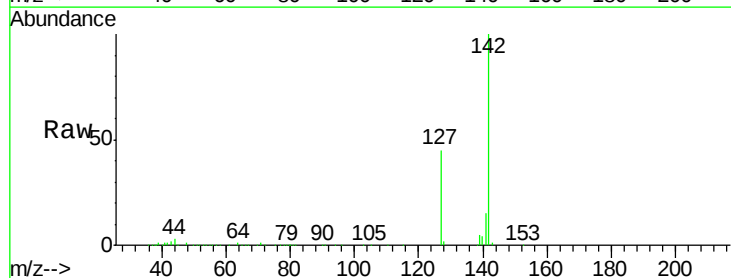
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

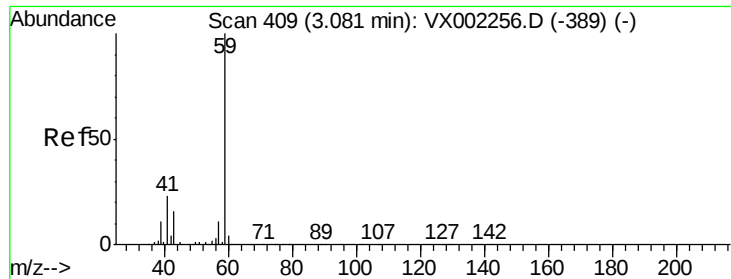
Tot Ion	Ratio	Lower	Upper
101	100		
85	45.3	36.0	54.0
151	88.6	70.9	106.3



#10
 Methyl Iodide
 Concen: 39.45 ug/l
 RT: 2.51 min Scan# 316
 Delta R.T. -0.00 min
 Lab File: VX002436.D
 Acq: 11 Jun 2018 10:57

Tgt Ion	Ratio	Lower	Upper
142	100		
127	46.1	36.6	55.0
141	14.2	11.3	16.9



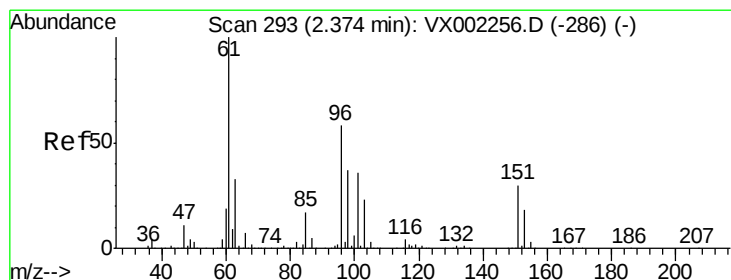
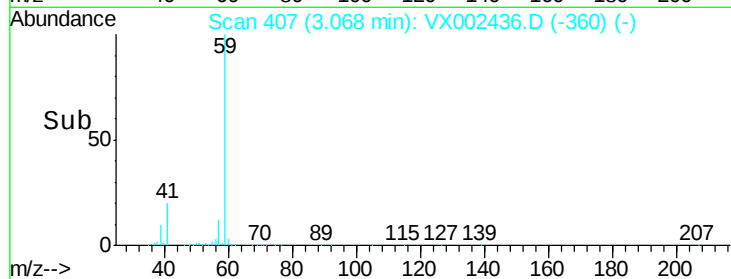
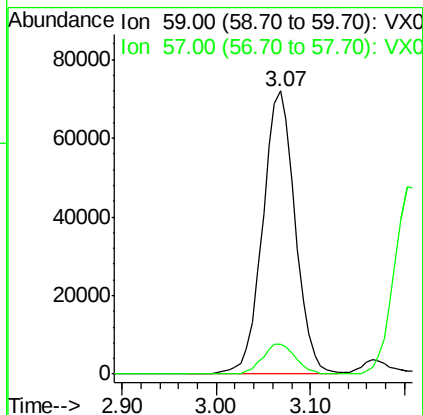
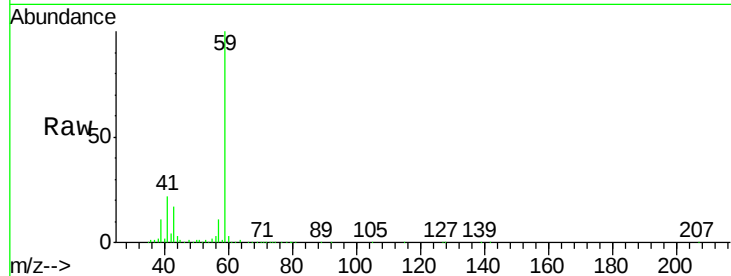


#11

Tert butyl alcohol
Concen: 267.14 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.01 min
Lab File: VX002436.D
Acq: 11 Jun 2018 10:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

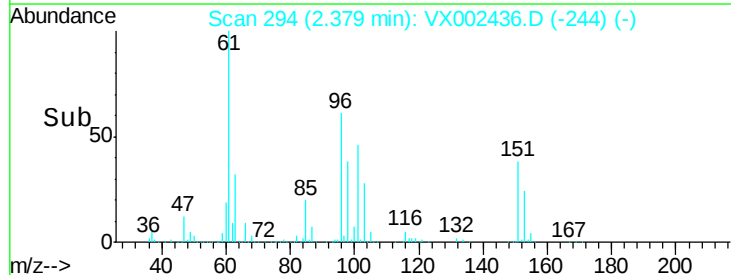
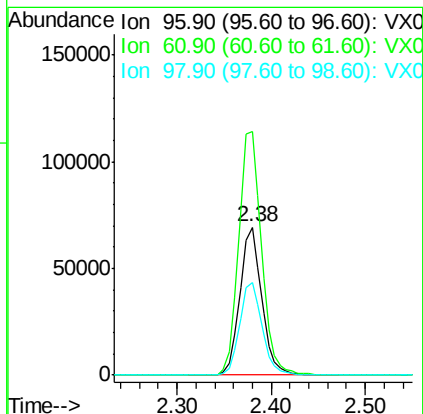
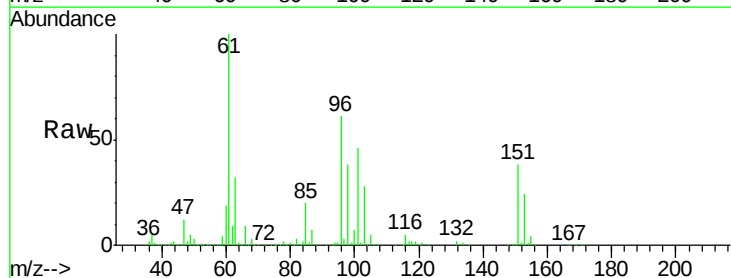
Tot Ion: 59 Resp: 174032
Ion Ratio Lower Upper
59 100
57 11.0 8.2 12.2

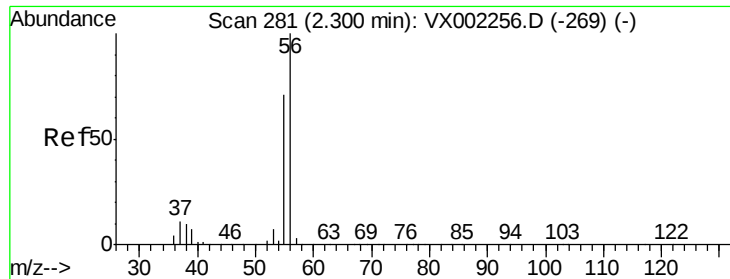


#12

1,1-Dichloroethene
Concen: 47.08 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.01 min
Lab File: VX002436.D
Acq: 11 Jun 2018 10:57

Tgt Ion: 96 Resp: 111979
Ion Ratio Lower Upper
96 100
61 164.9 137.9 206.9
98 62.8 51.6 77.4





#13

Acrolein

Concen: 294.60 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX002436.D

Acq: 11 Jun 2018 10:57

Instrument :

MSVOA_X

ClientSampleId :

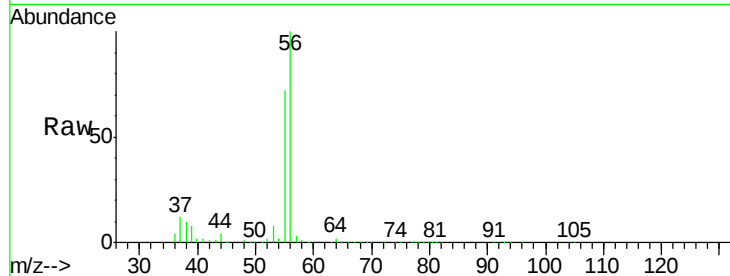
VSTDCCC050

Tot Ion: 56 Resp: 92905

Ion Ratio Lower Upper

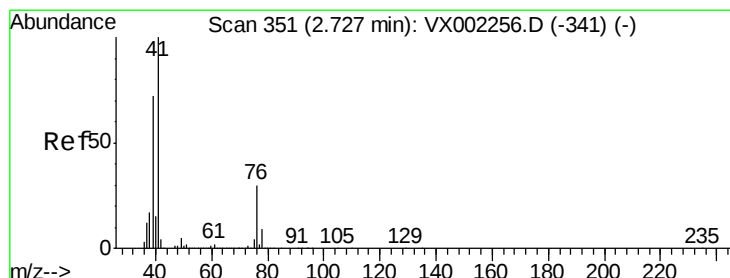
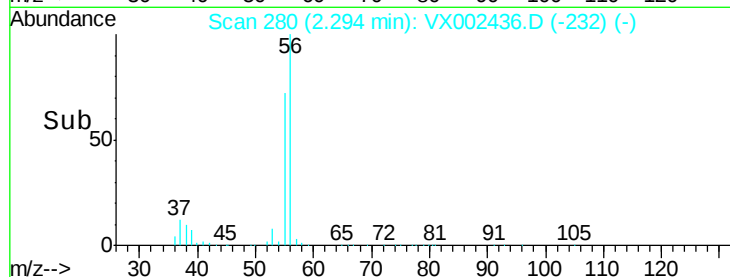
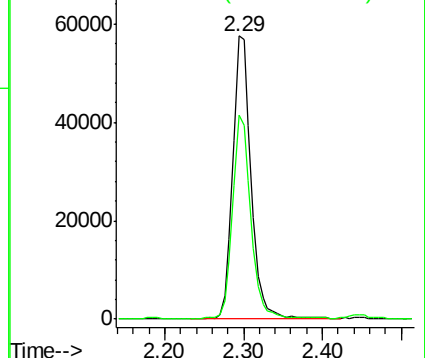
56 100

55 71.3 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: 49.48 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.01 min

Lab File: VX002436.D

Acq: 11 Jun 2018 10:57

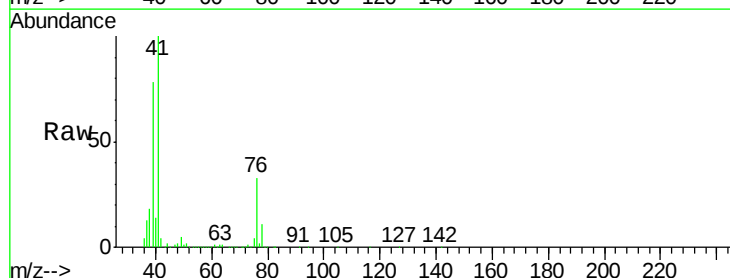
Tgt Ion: 41 Resp: 255411

Ion Ratio Lower Upper

41 100

39 72.0 56.8 85.2

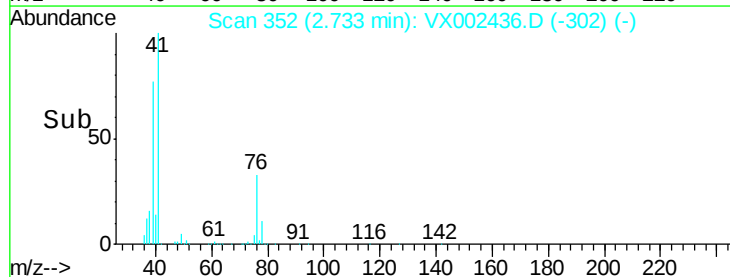
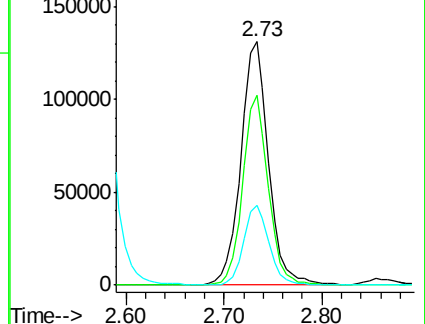
76 30.2 23.8 35.8

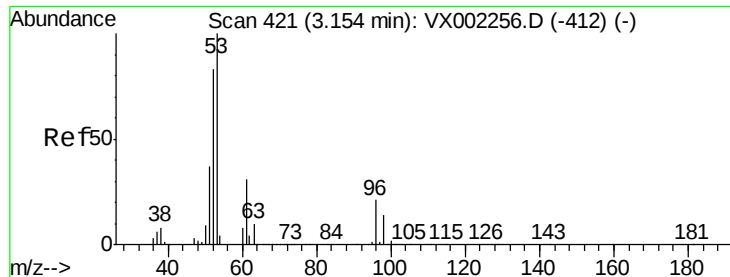


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 294.25 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX002436.D

Acq: 11 Jun 2018 10:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

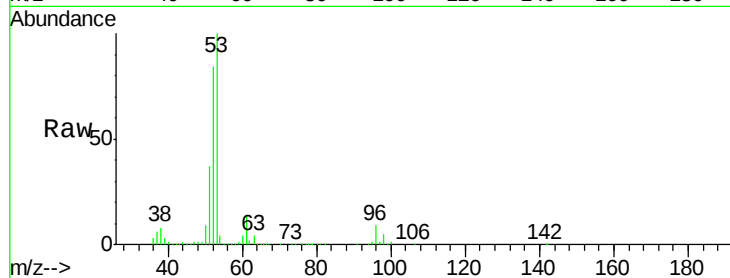
Tot Ion: 53 Resp: 397786

Ion Ratio Lower Upper

53 100

52 83.8 66.7 100.1

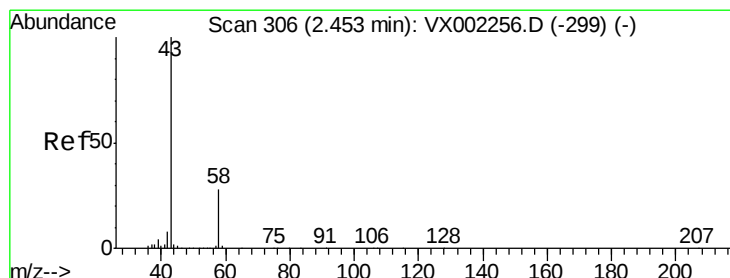
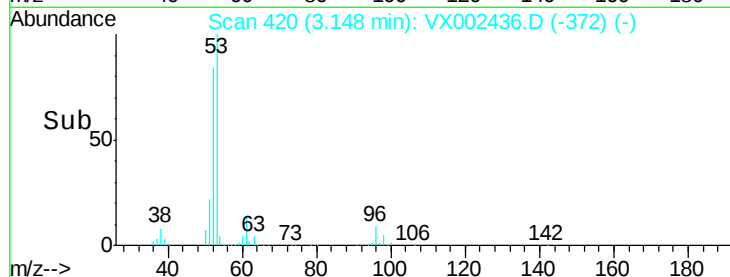
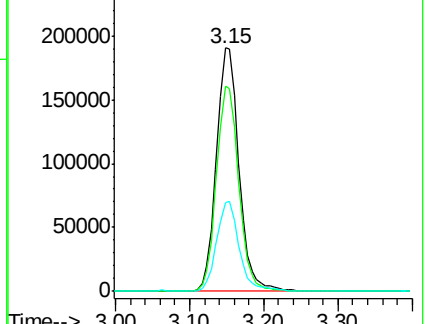
51 37.2 29.9 44.9



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: 359.10 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002436.D

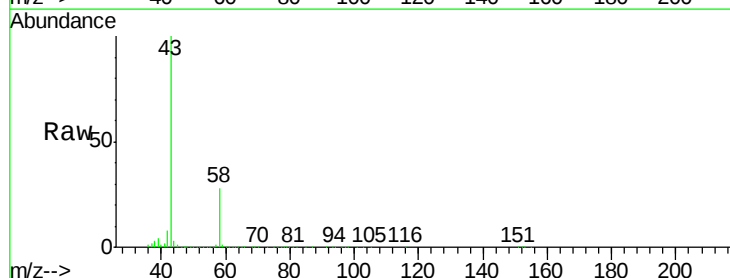
Acq: 11 Jun 2018 10:57

Tgt Ion: 43 Resp: 481940

Ion Ratio Lower Upper

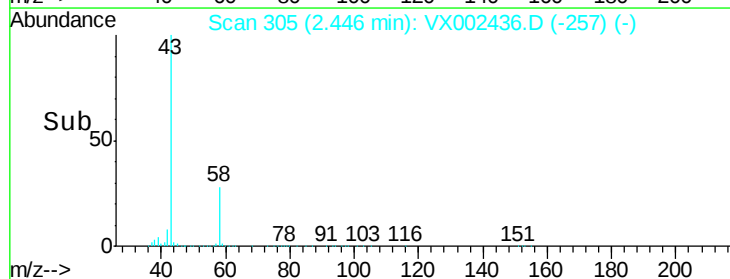
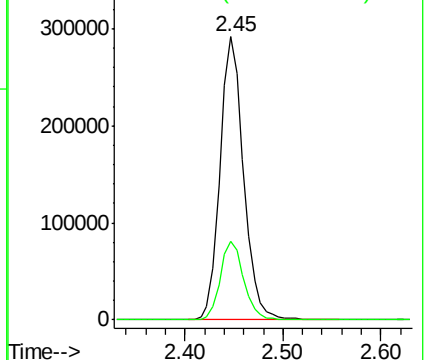
43 100

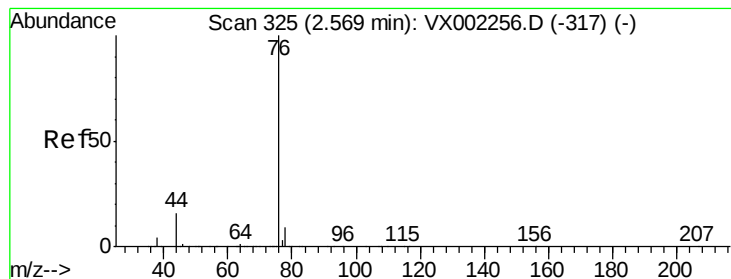
58 27.9 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 43.34 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.01 min

Lab File: VX002436.D

Acq: 11 Jun 2018 10:57

Instrument :

MSVOA_X

ClientSampleId :

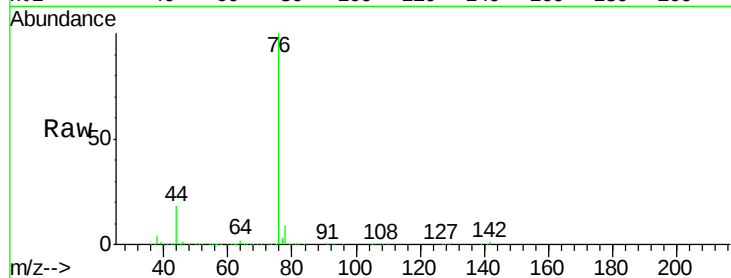
VSTDCCC050

Tot Ion: 76 Resp: 271713

Ion Ratio Lower Upper

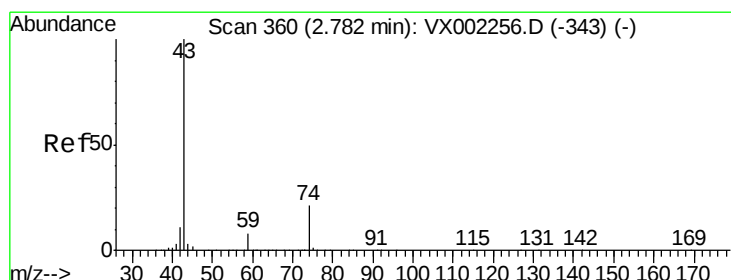
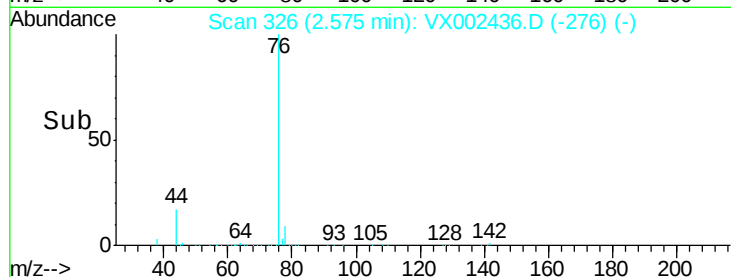
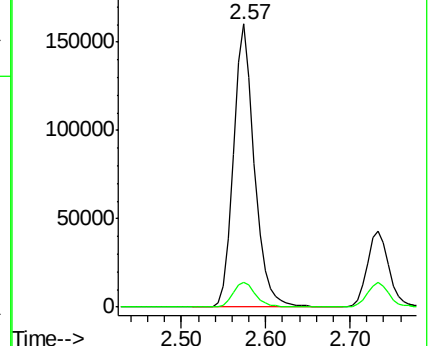
76 100

78 8.8 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 60.91 ug/l

RT: 2.78 min Scan# 359

Delta R.T. -0.01 min

Lab File: VX002436.D

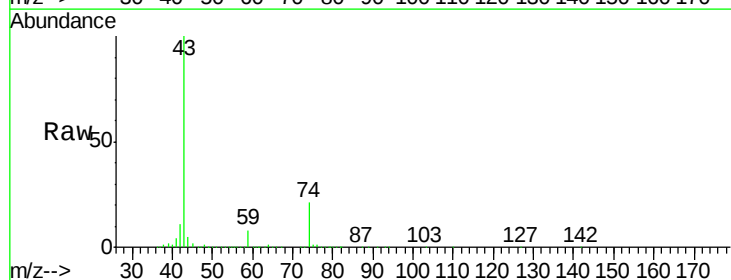
Acq: 11 Jun 2018 10:57

Tgt Ion: 43 Resp: 193085

Ion Ratio Lower Upper

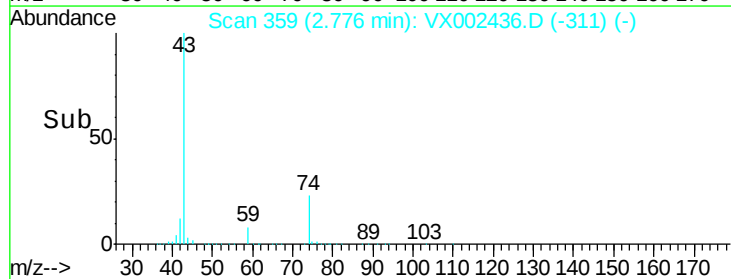
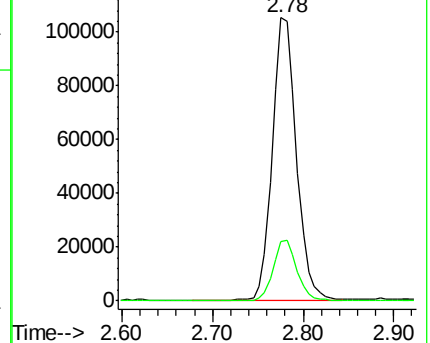
43 100

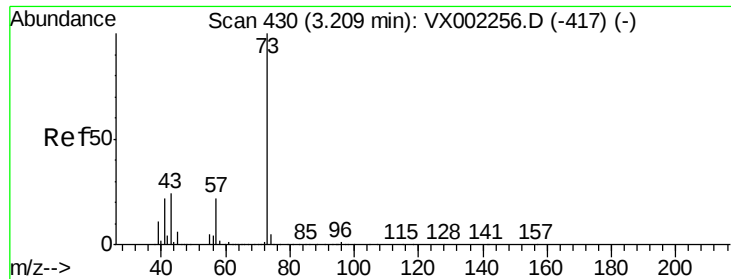
74 21.5 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

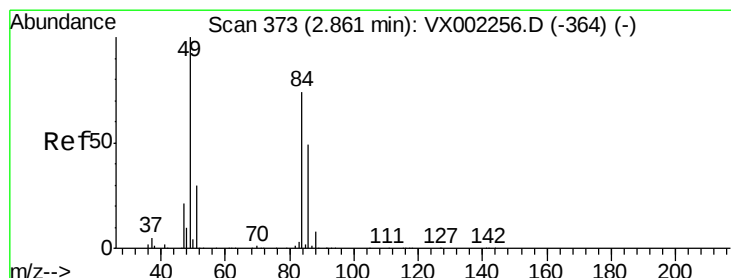
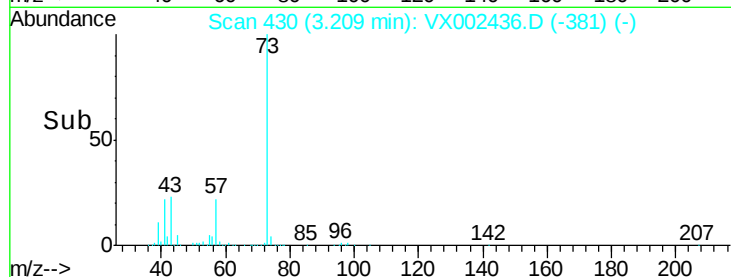
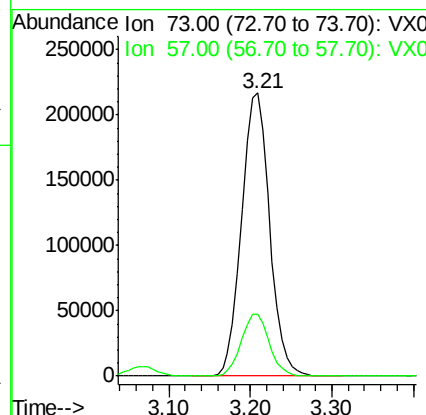
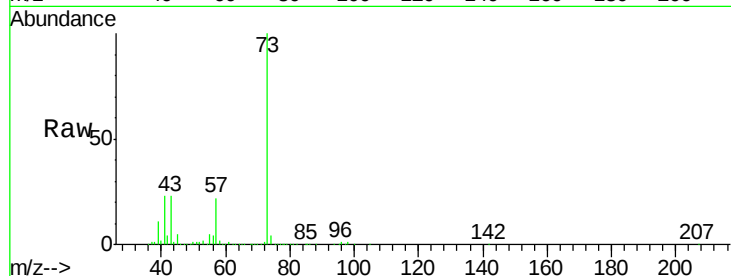




#19
Methvl tert-butvl Ether
Concen: 62.90 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX002436.D
Acq: 11 Jun 2018 10:57

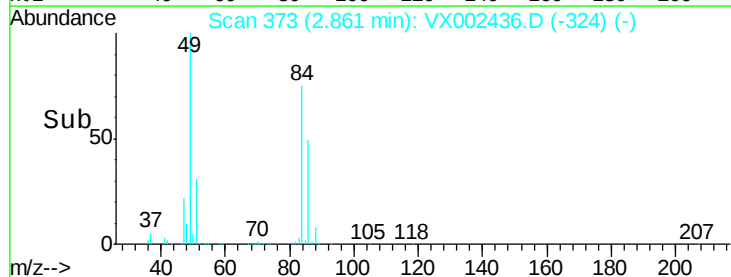
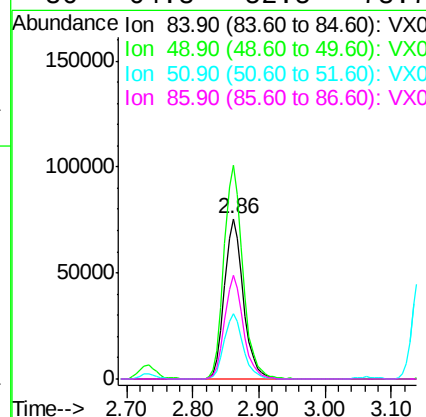
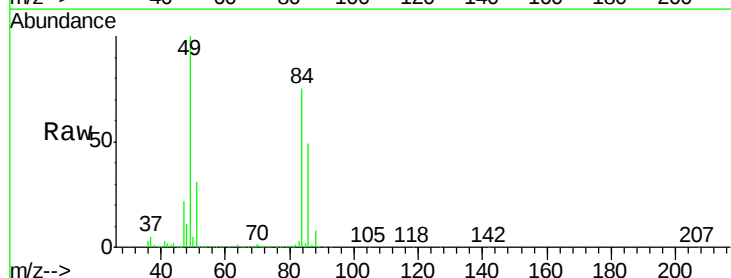
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

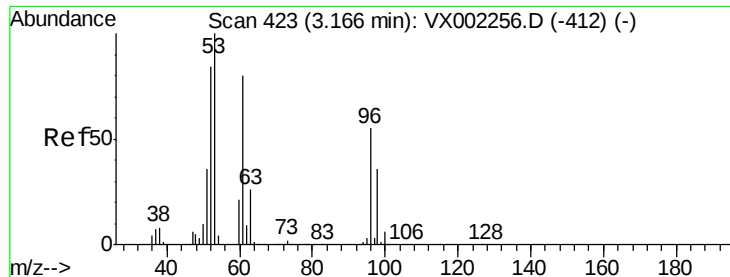
Tot Ion: 73 Resp: 515906
Ion Ratio Lower Upper
73 100
57 21.8 17.7 26.5



#20
Methylene Chloride
Concen: 59.49 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002436.D
Acq: 11 Jun 2018 10:57

Tgt Ion: 84 Resp: 148968
Ion Ratio Lower Upper
84 100
49 133.2 107.8 161.6
51 40.9 32.8 49.2
86 64.8 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 48.66 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002436.D

Acq: 11 Jun 2018 10:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

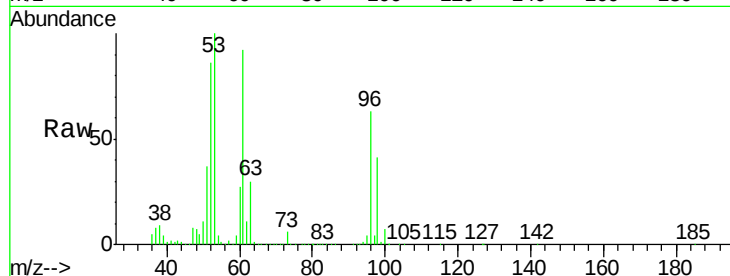
Tot Ion: 96 Resp: 127629

Ion Ratio Lower Upper

96 100

61 147.6 117.0 175.4

98 65.6 52.4 78.6

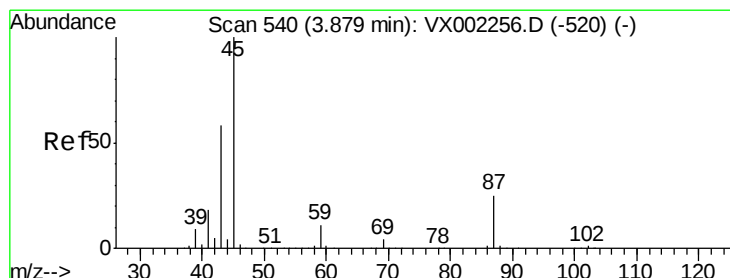
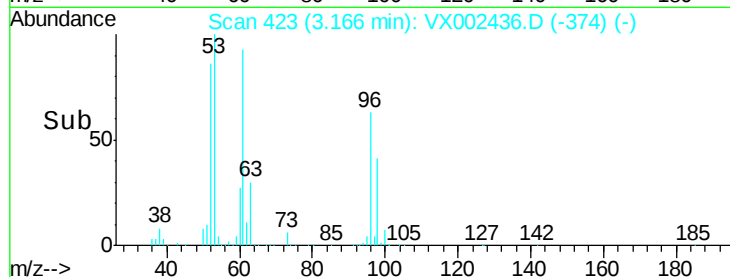
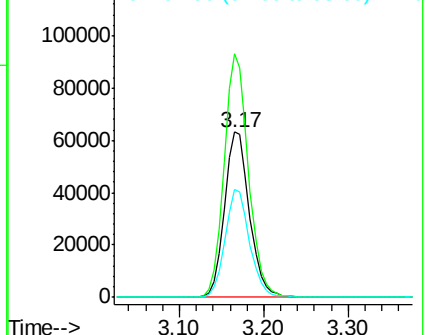


Abundance

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: 62.98 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX002436.D

Acq: 11 Jun 2018 10:57

Tgt Ion: 45 Resp: 539773

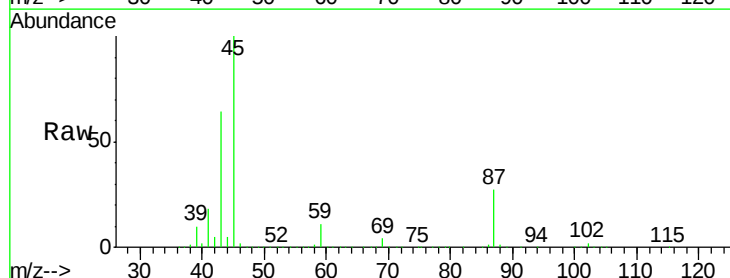
Ion Ratio Lower Upper

45 100

43 63.8 46.8 70.2

87 26.5 20.2 30.4

59 10.5 8.7 13.1



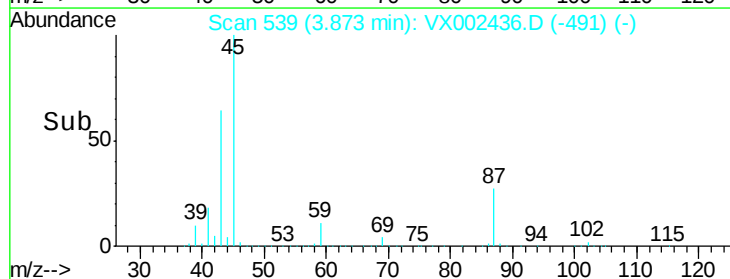
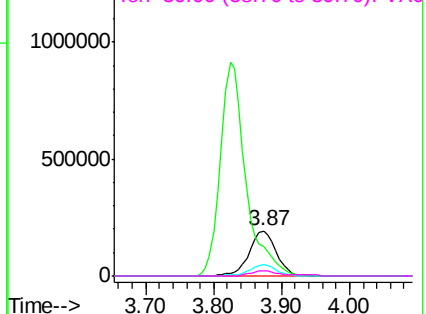
Abundance

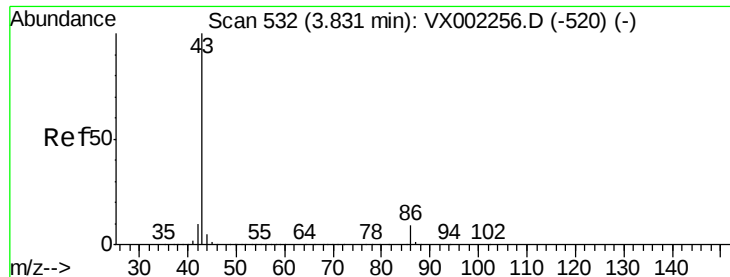
Ion 45.00 (44.70 to 45.70): VX0

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: 285.28 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX002436.D

Acq: 11 Jun 2018 10:57

Instrument :

MSVOA_X

ClientSampleId :

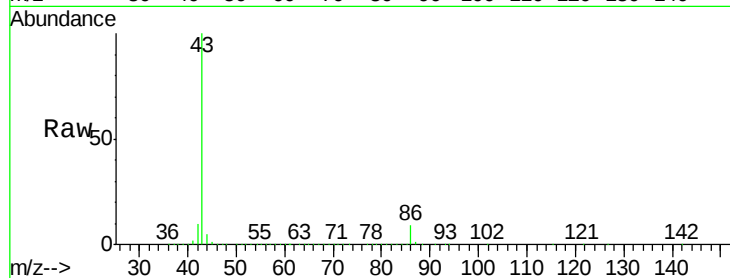
VSTDCCC050

Tot Ion: 43 Resp: 2387165

Ion Ratio Lower Upper

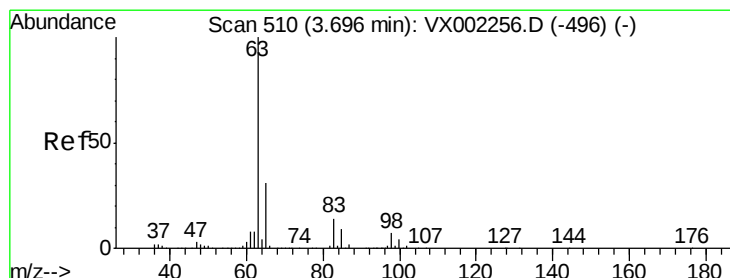
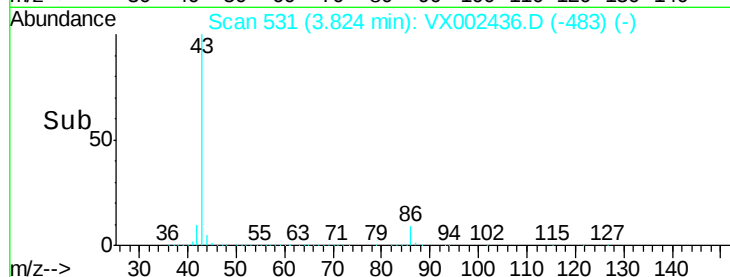
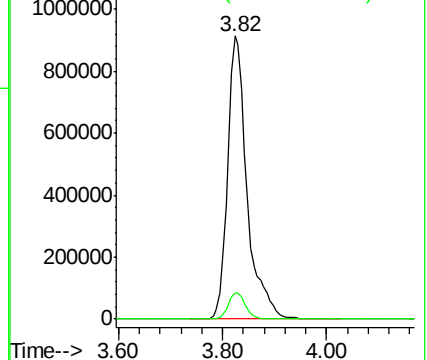
43 100

86 9.2 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 52.22 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX002436.D

Acq: 11 Jun 2018 10:57

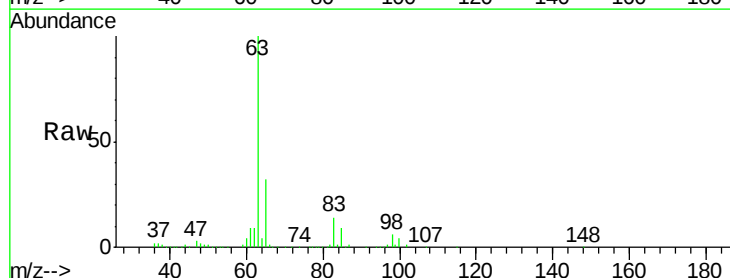
Tgt Ion: 63 Resp: 266394

Ion Ratio Lower Upper

63 100

98 6.1 3.4 10.2

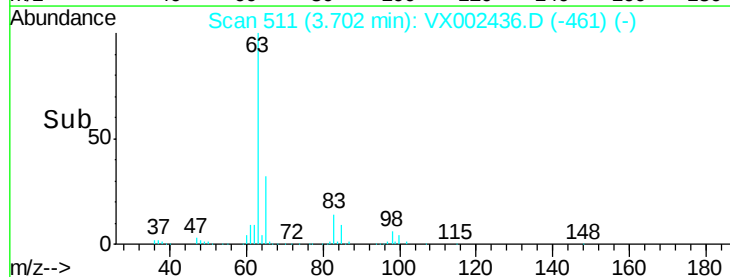
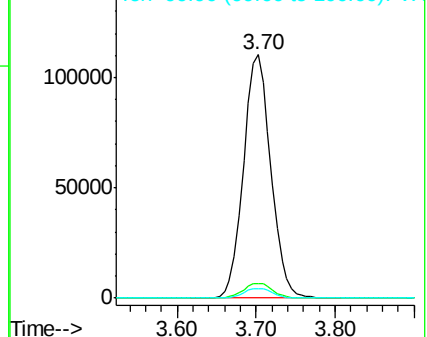
100 4.1 2.0 6.0

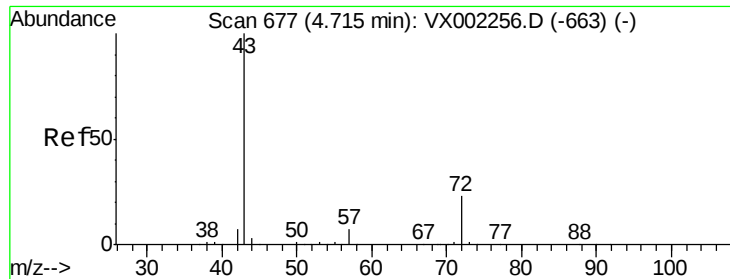


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 257.03 ug/l

RT: 4.70 min Scan# 675

Delta R.T. -0.01 min

Lab File: VX002436.D

Acq: 11 Jun 2018 10:57

Instrument :

MSVOA_X

ClientSampleId :

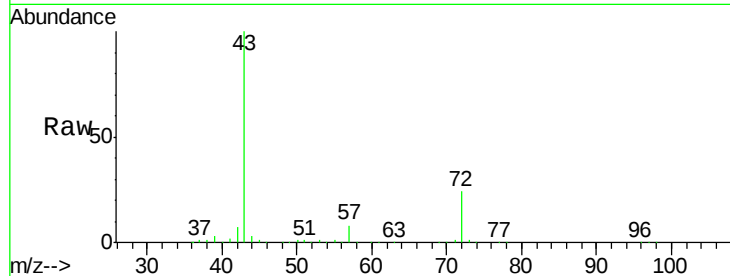
VSTDCCC050

Tot Ion: 43 Resp: 563063

Ion Ratio Lower Upper

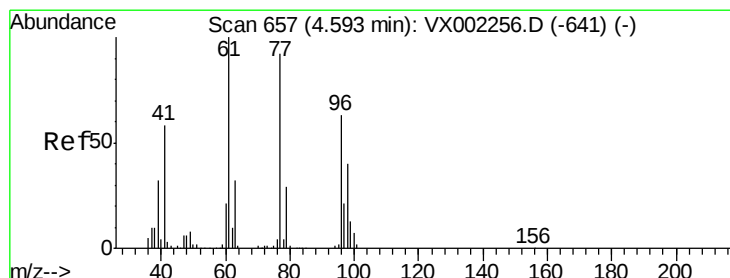
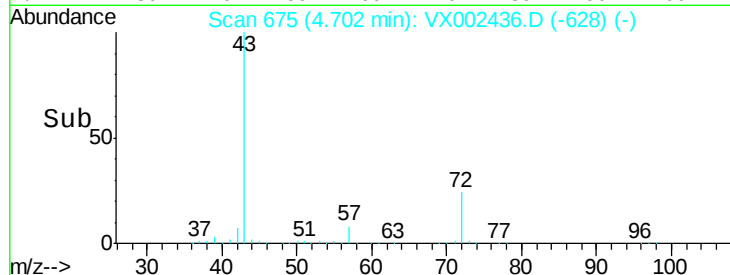
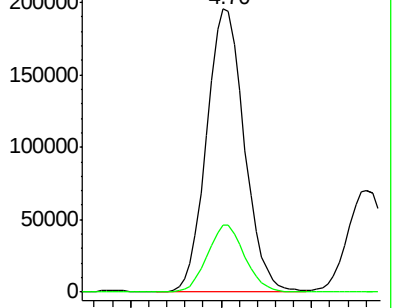
43 100

72 23.5 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 49.01 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX002436.D

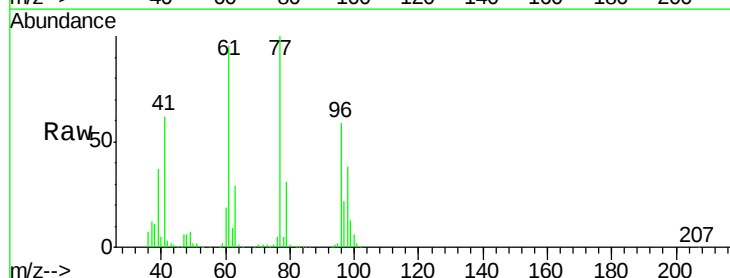
Acq: 11 Jun 2018 10:57

Tgt Ion: 77 Resp: 195462

Ion Ratio Lower Upper

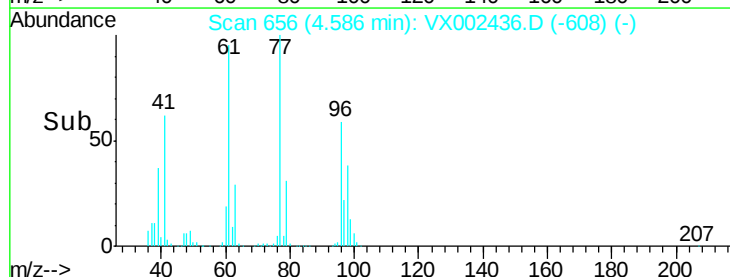
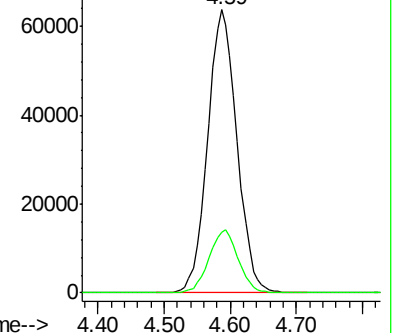
77 100

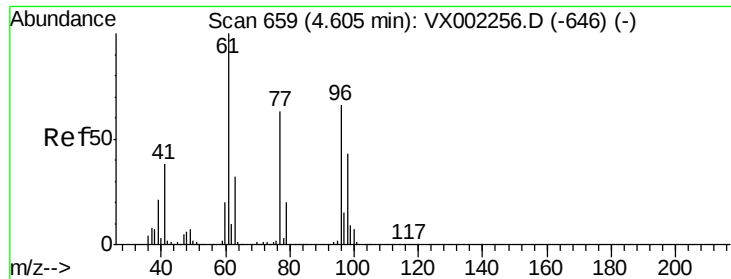
97 22.4 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



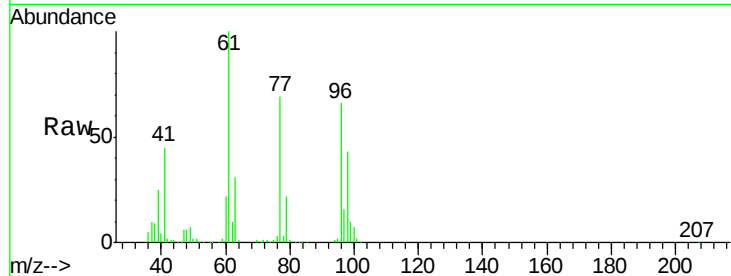


#27

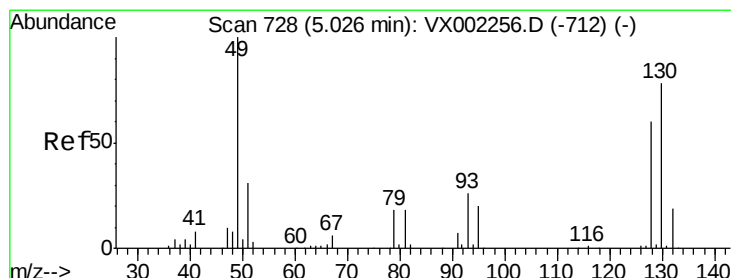
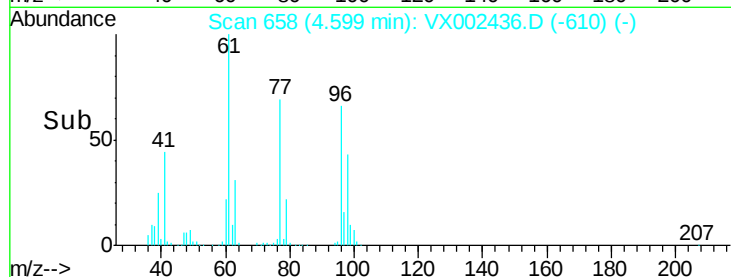
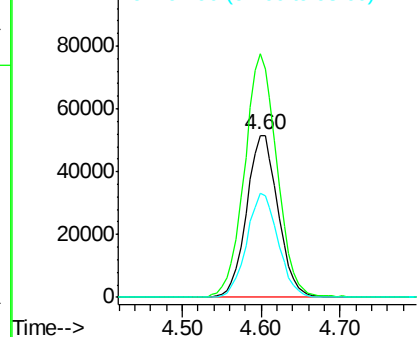
cis-1,2-Dichloroethene
Concen: 50.28 ug/l
RT: 4.60 min Scan# 658
Delta R.T. -0.01 min
Lab File: VX002436.D
Acq: 11 Jun 2018 10:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 96 Resp: 143420
Ion Ratio Lower Upper
96 100
61 155.1 0.0 330.2
98 64.0 0.0 130.2



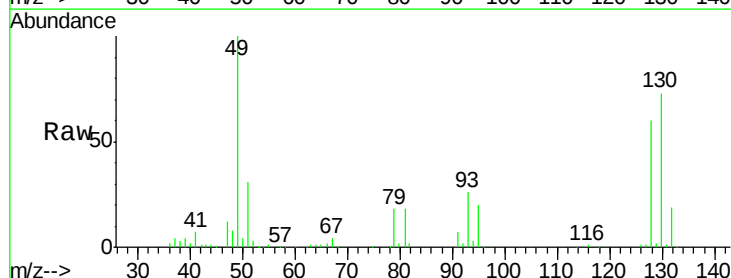
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



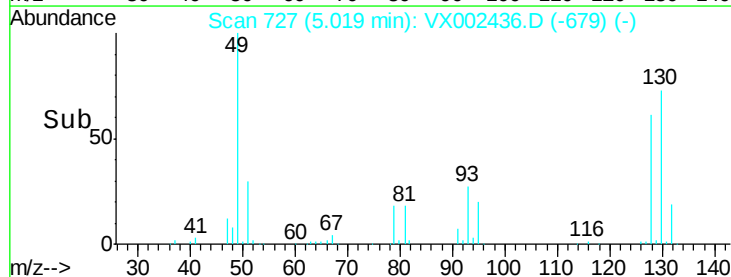
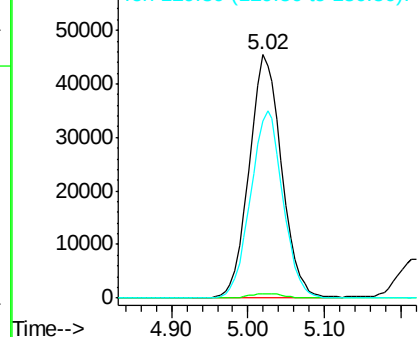
#28

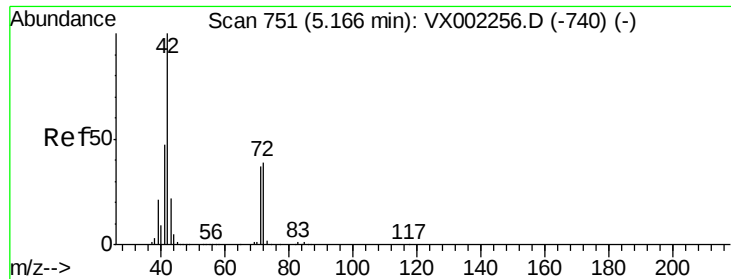
Bromochloromethane
Concen: 62.77 ug/l
RT: 5.02 min Scan# 727
Delta R.T. -0.01 min
Lab File: VX002436.D
Acq: 11 Jun 2018 10:57

Tgt Ion: 49 Resp: 134229
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.2
130 76.7 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

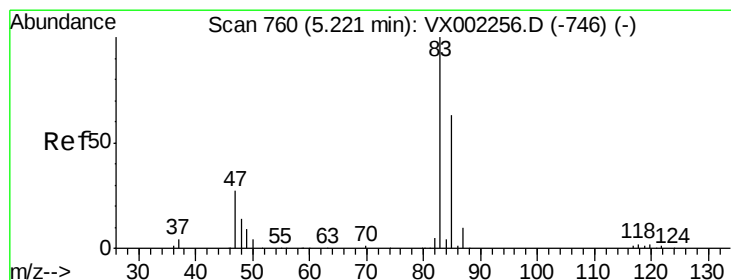
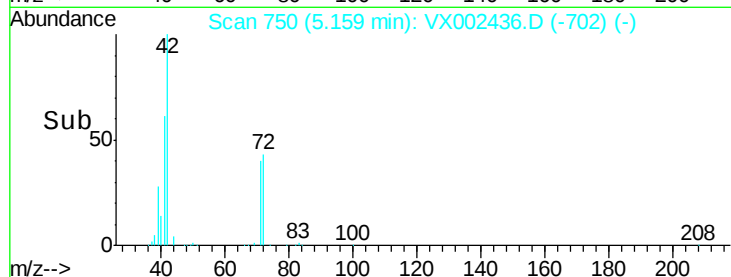
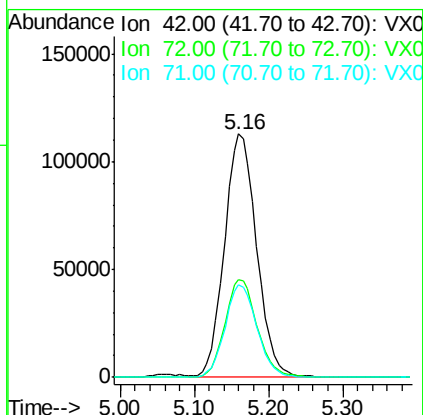
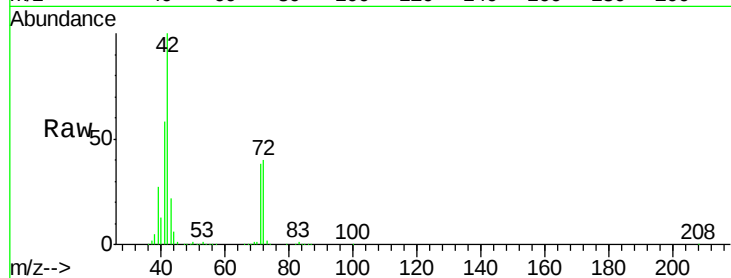




#29
Tetrahydrofuran
Concen: 240.15 ug/l
RT: 5.16 min Scan# 750
Delta R.T. -0.01 min
Lab File: VX002436.D
Acq: 11 Jun 2018 10:57

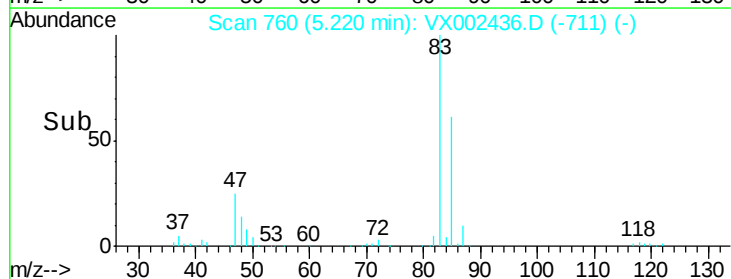
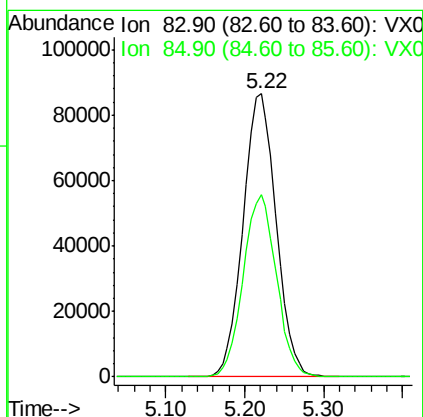
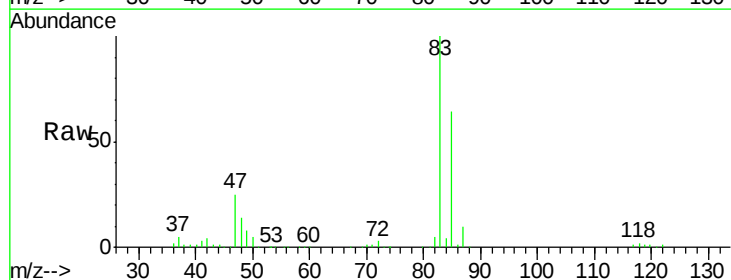
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion: 42 Resp: 339189
Ion Ratio Lower Upper
42 100
72 40.7 32.0 48.0
71 37.9 30.1 45.1



#30
Chloroform
Concen: 51.42 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX002436.D
Acq: 11 Jun 2018 10:57

Tgt Ion: 83 Resp: 253108
Ion Ratio Lower Upper
83 100
85 64.3 50.4 75.6





#31

Cyclohexane

Concen: 45.09 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX002436.D

Acq: 11 Jun 2018 10:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

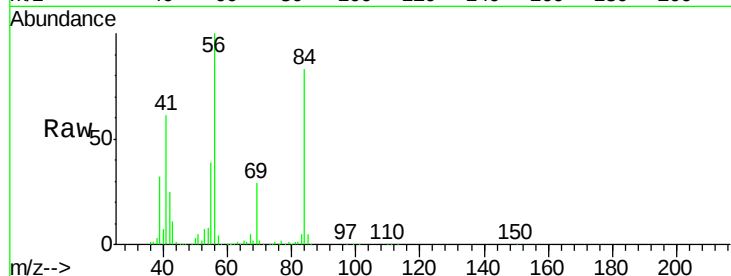
Tot Ion: 56 Resp: 181888

Ion Ratio Lower Upper

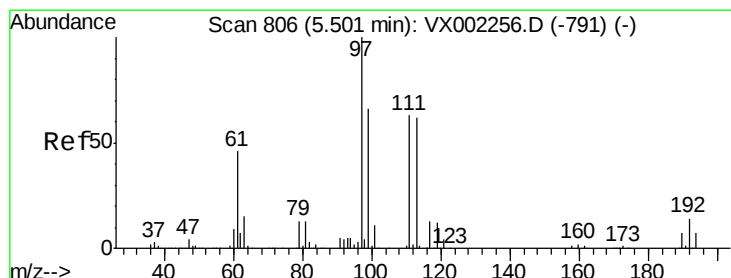
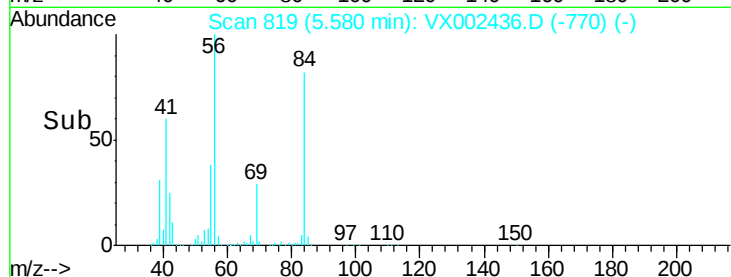
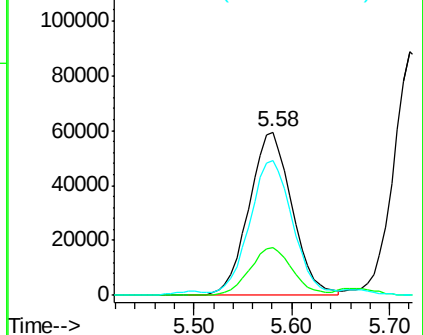
56 100

69 28.9 23.7 35.5

84 80.5 64.1 96.1



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 49.27 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX002436.D

Acq: 11 Jun 2018 10:57

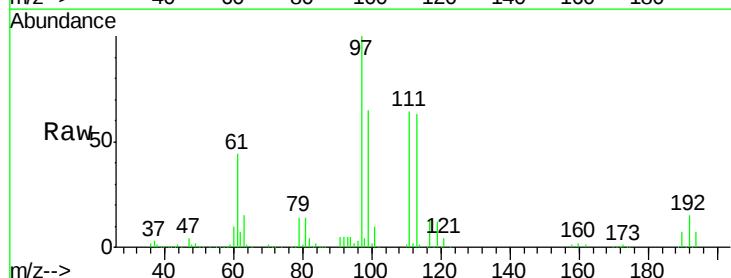
Tgt Ion: 97 Resp: 205709

Ion Ratio Lower Upper

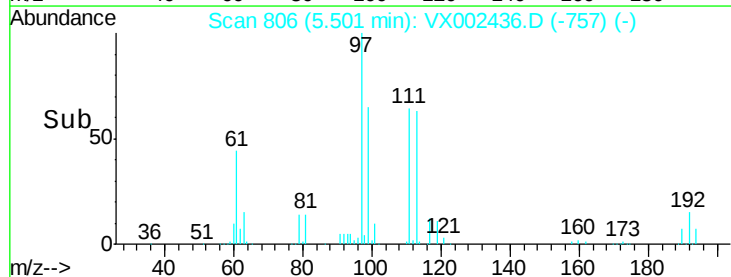
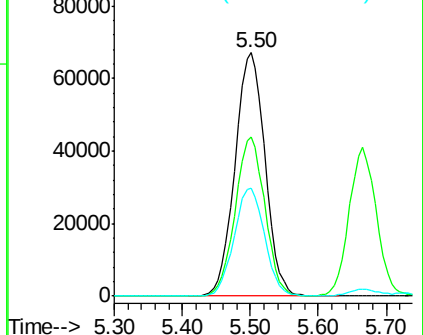
97 100

99 64.6 51.6 77.4

61 45.2 36.4 54.6



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

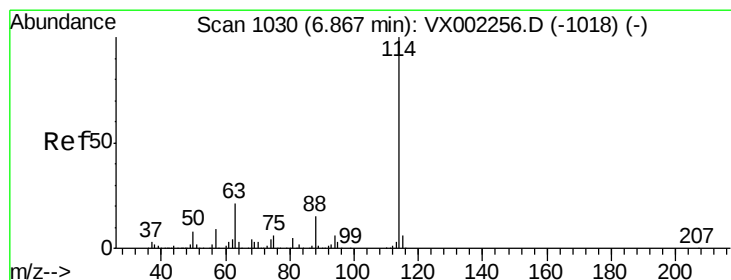
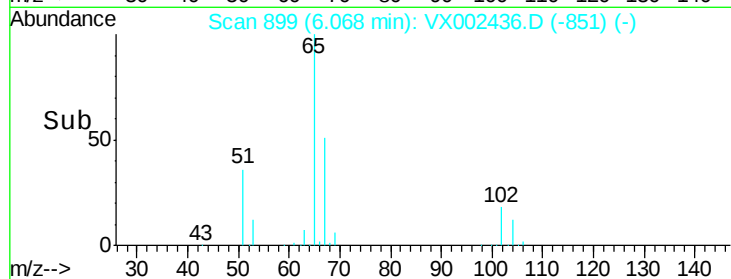
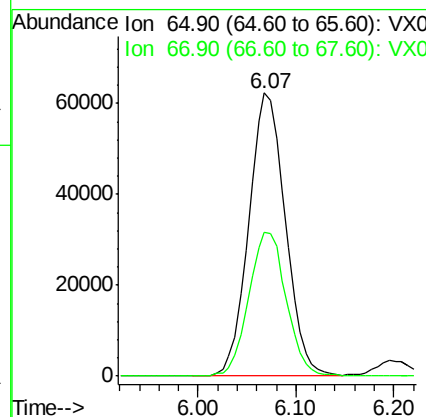
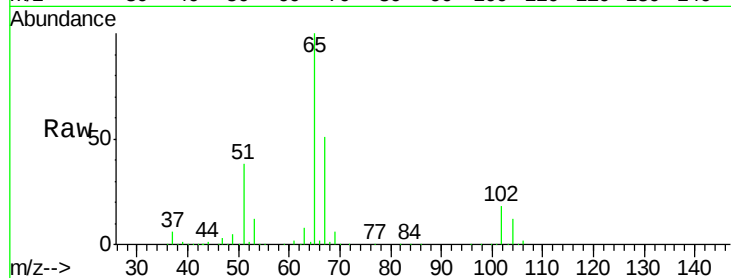




#33
 1,2-Dichloroethane-d4
 Concen: 50.67 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VX002436.D
 Acq: 11 Jun 2018 10:57

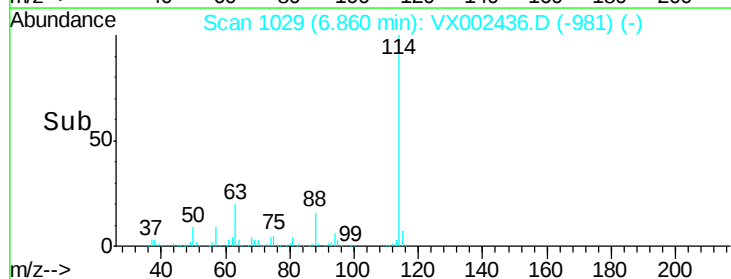
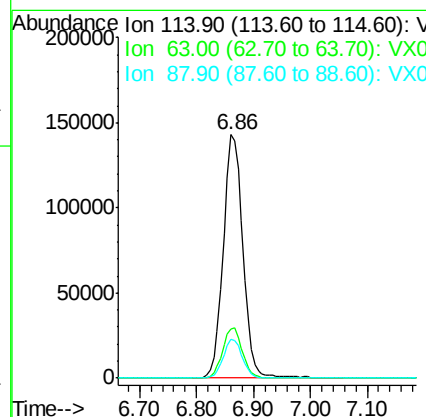
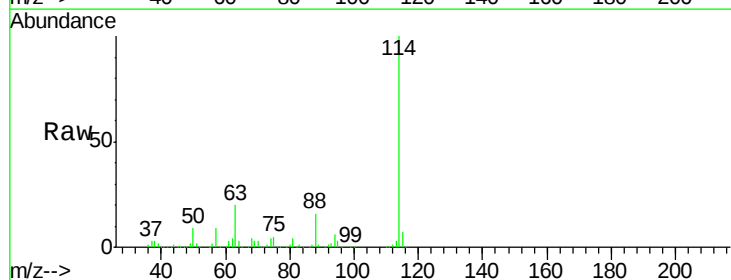
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

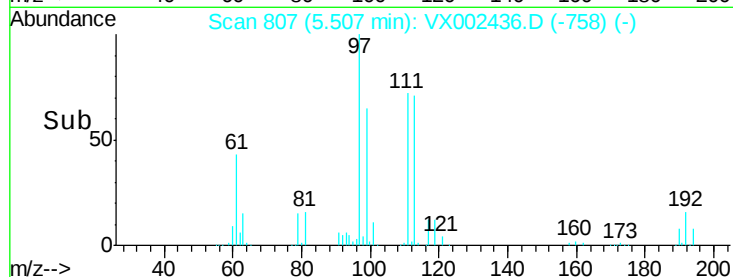
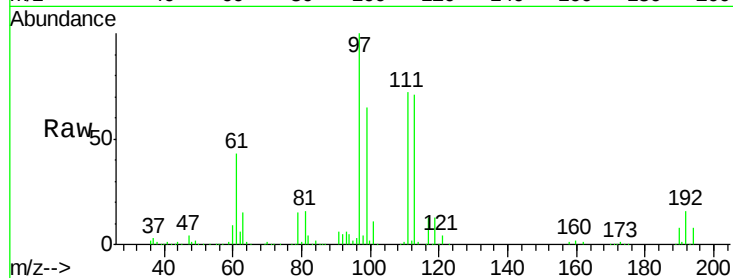
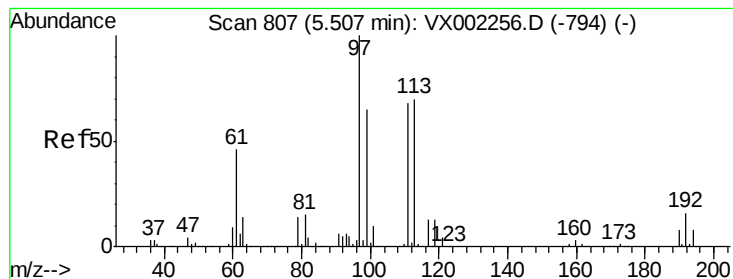
Tot Ion: 65 Resp: 161741
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VX002436.D
 Acq: 11 Jun 2018 10:57

Tgt Ion: 114 Resp: 342823
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 41.4
 88 15.8 0.0 30.0





#35

Dibromofluoromethane

Concen: 46.25 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002436.D

Acq: 11 Jun 2018 10:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

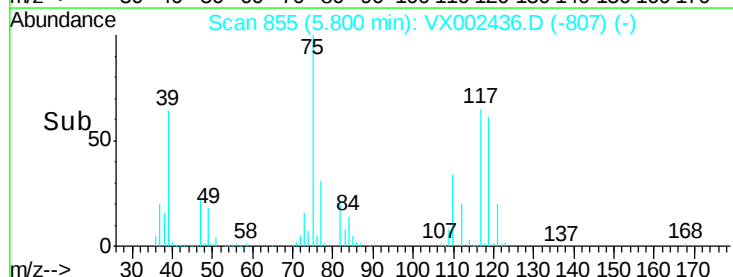
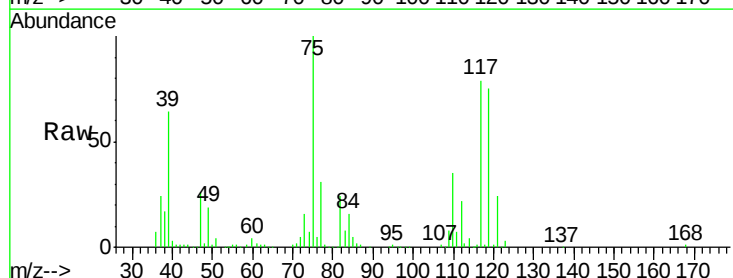
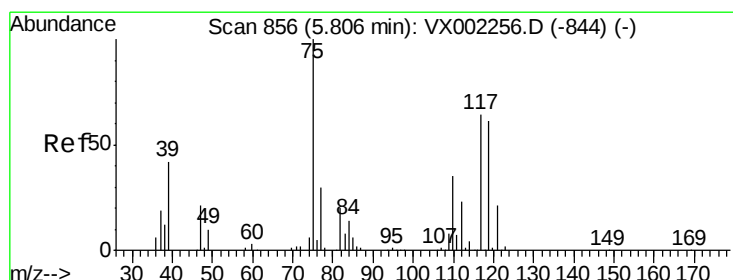
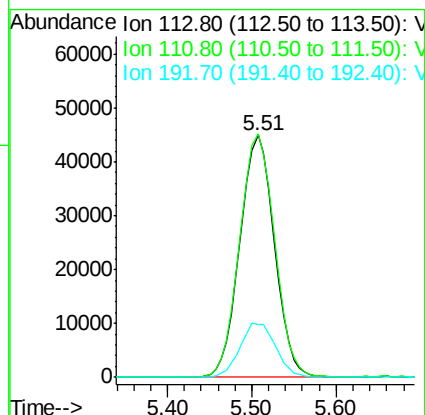
Tot Ion:113 Resp: 124702

Ion Ratio Lower Upper

113 100

111 102.3 81.4 122.0

192 23.1 19.1 28.7



#36

1,1-Dichloropropene

Concen: 45.29 ug/l

RT: 5.80 min Scan# 855

Delta R.T. -0.01 min

Lab File: VX002436.D

Acq: 11 Jun 2018 10:57

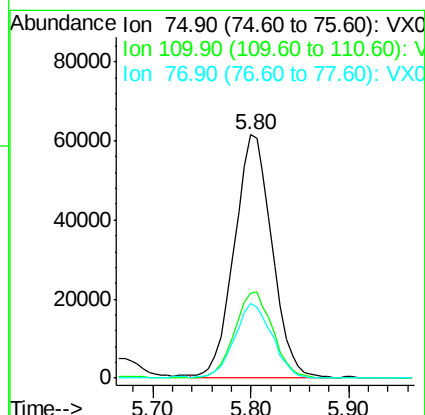
Tgt Ion: 75 Resp: 163226

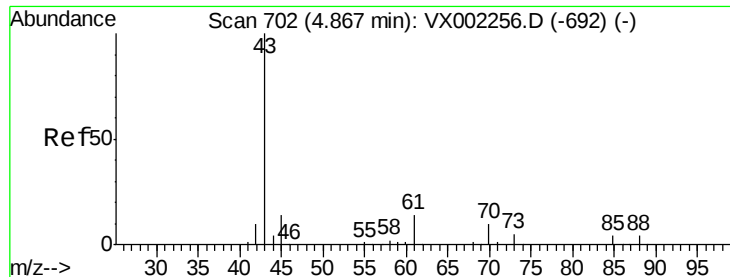
Ion Ratio Lower Upper

75 100

110 36.3 18.1 54.4

77 30.7 24.3 36.5





#37

Ethyl Acetate

Concen: 48.81 ug/l

RT: 4.86 min Scan# 701

Delta R.T. -0.01 min

Lab File: VX002436.D

Acq: 11 Jun 2018 10:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

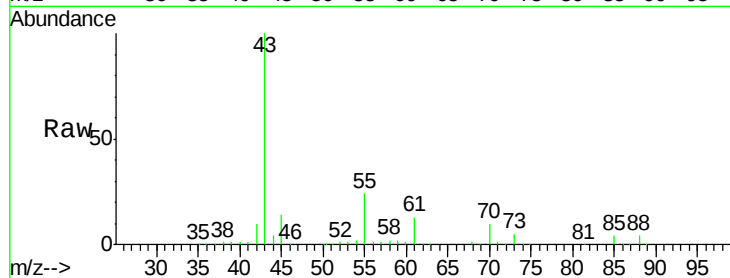
Tot Ion: 43 Resp: 211567

Ion Ratio Lower Upper

43 100

61 12.4 10.4 15.6

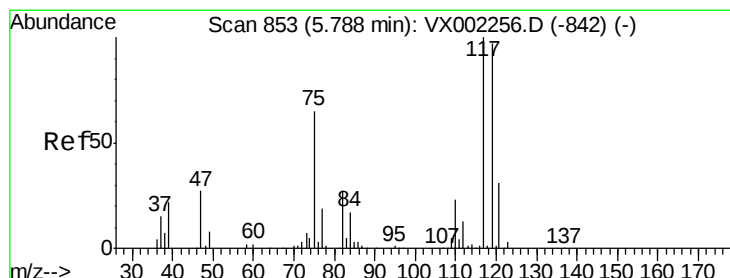
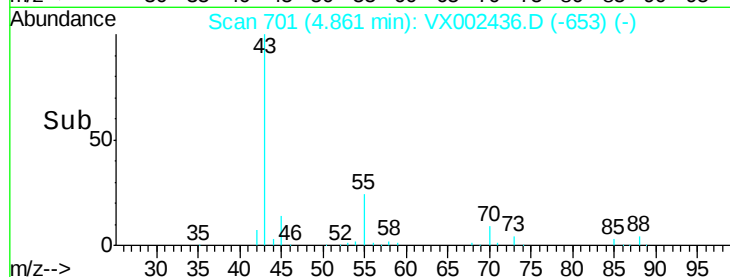
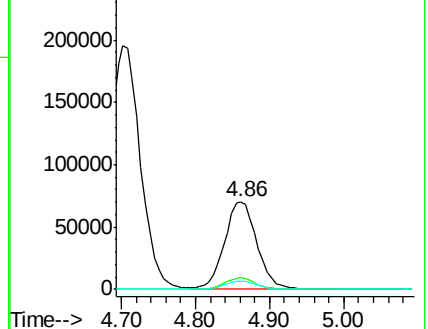
70 9.5 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VX002256.D (-692) (-)

Ion 60.90 (60.60 to 61.60): VX002256.D (-692) (-)

Ion 70.00 (69.70 to 70.70): VX002256.D (-692) (-)



#38

Carbon Tetrachloride

Concen: 47.61 ug/l

RT: 5.79 min Scan# 853

Delta R.T. -0.00 min

Lab File: VX002436.D

Acq: 11 Jun 2018 10:57

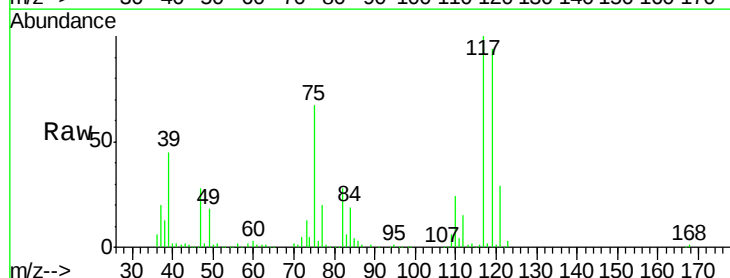
Tgt Ion: 117 Resp: 179499

Ion Ratio Lower Upper

117 100

119 94.0 77.4 116.0

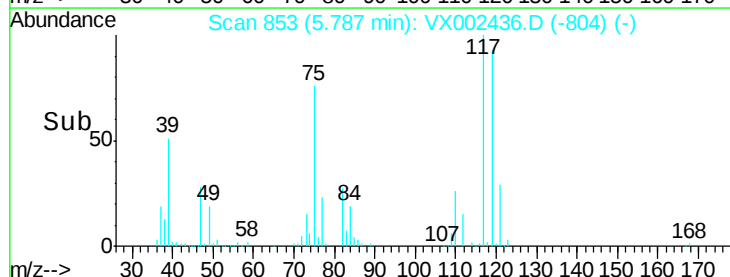
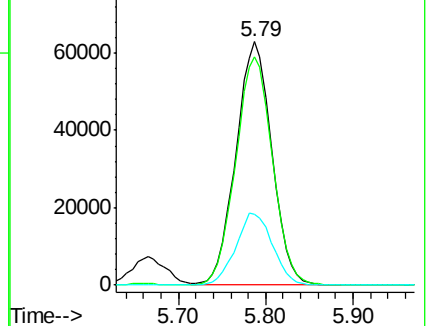
121 29.3 24.4 36.6

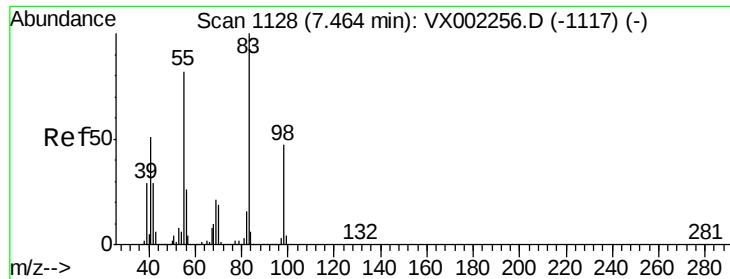


Abundance Ion 116.80 (116.50 to 117.50): VX002256.D (-842) (-)

Ion 118.80 (118.50 to 119.50): VX002256.D (-842) (-)

Ion 120.80 (120.50 to 121.50): VX002256.D (-842) (-)

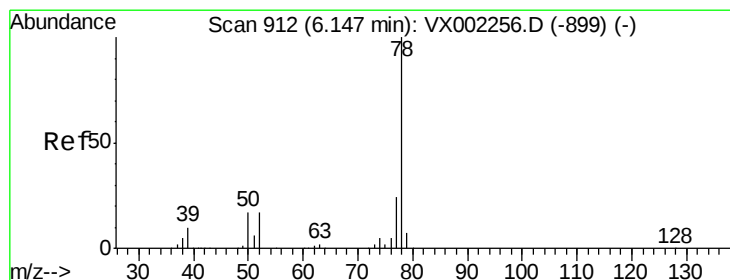
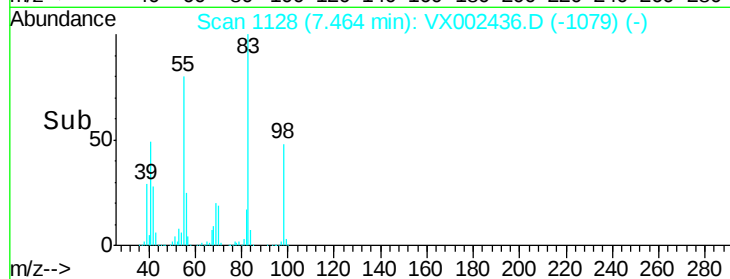
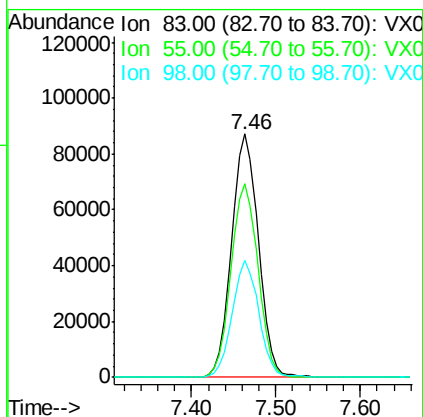
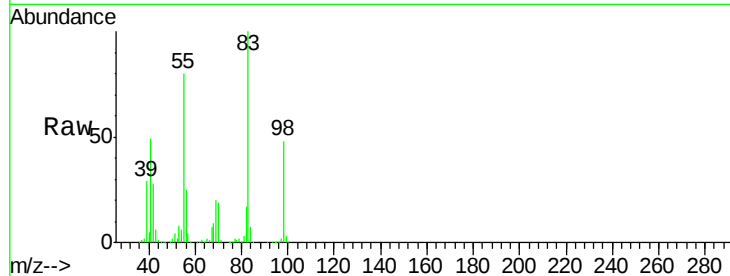




#39
Methvlcvclohexane
Concen: 42.28 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002436.D
Acq: 11 Jun 2018 10:57

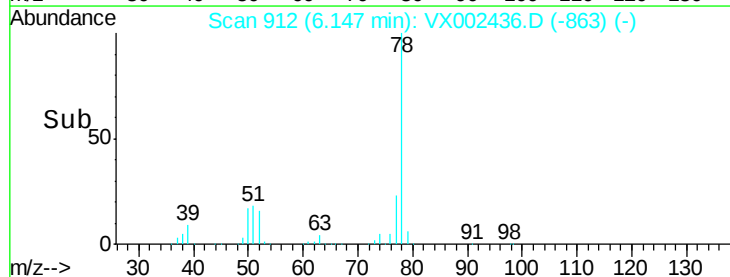
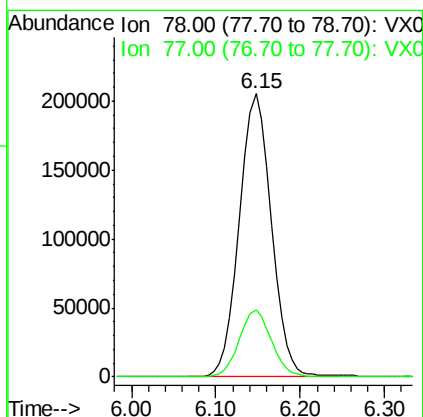
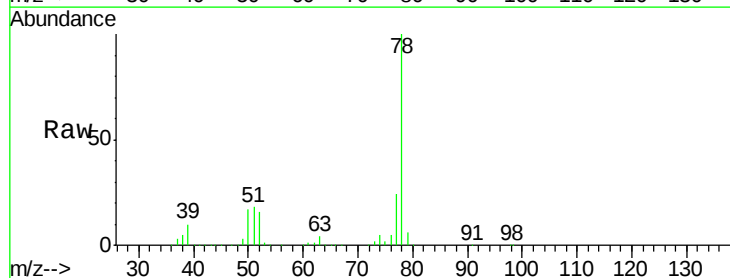
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 188097
Ion Ratio Lower Upper
83 100
55 79.8 65.4 98.0
98 48.1 37.4 56.0



#40
Benzene
Concen: 47.89 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002436.D
Acq: 11 Jun 2018 10:57

Tgt Ion: 78 Resp: 529246
Ion Ratio Lower Upper
78 100
77 23.7 19.1 28.7

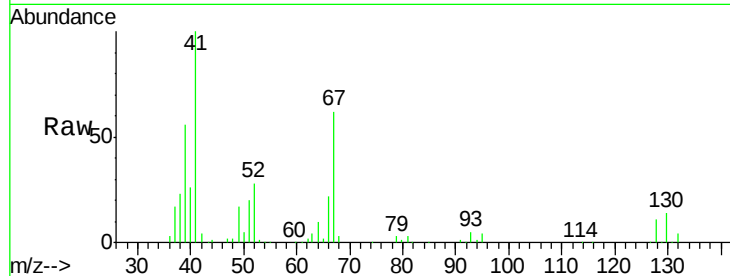




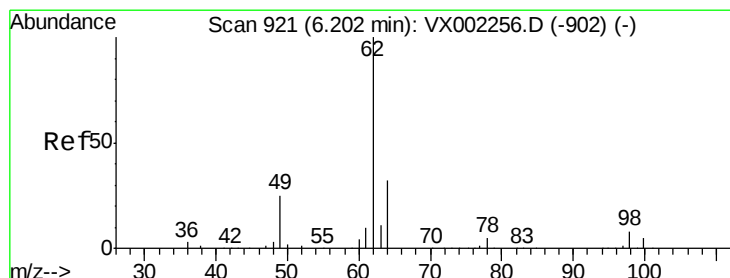
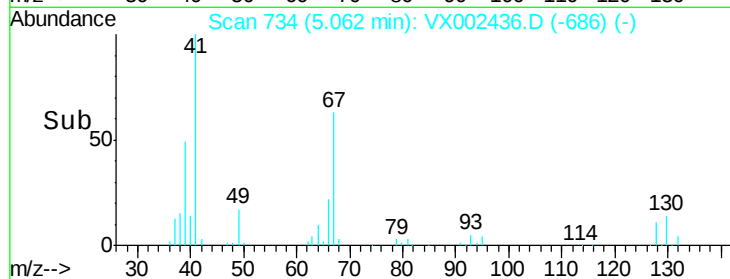
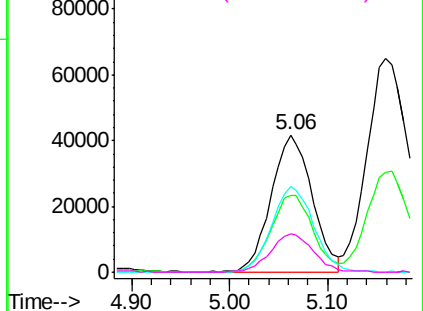
#41
Methacrylonitrile
Concen: 48.86 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX002436.D
Acq: 11 Jun 2018 10:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	121225
Ion	Ratio	Lower	Upper
41	100		
39	57.3	45.8	68.6
67	64.5	51.3	76.9
52	28.9	23.0	34.6

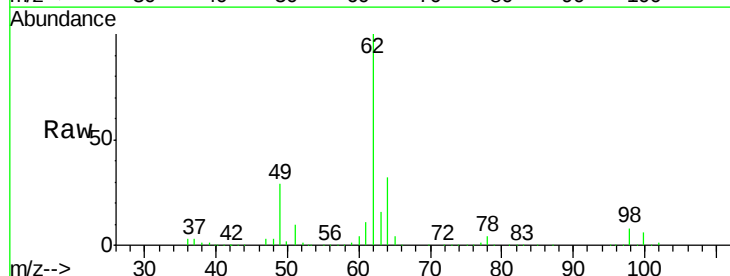


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

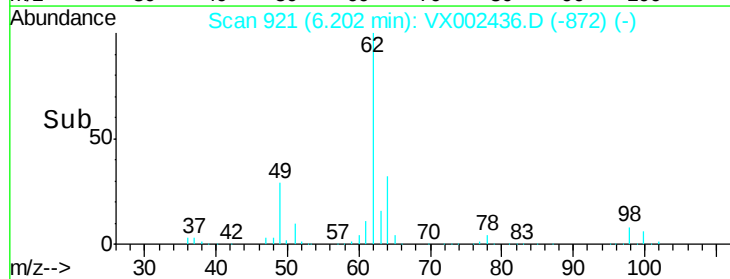
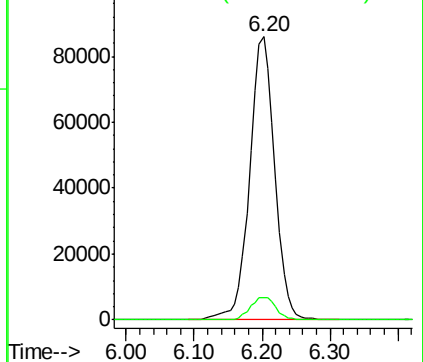


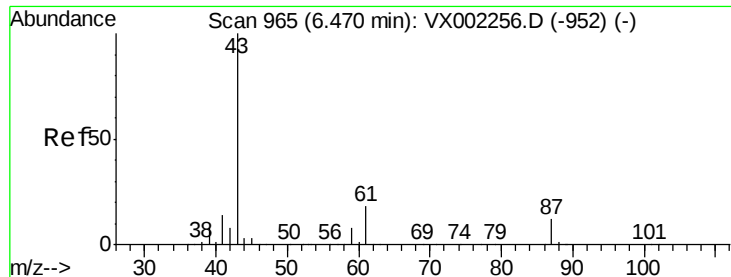
#42
1,2-Dichloroethane
Concen: 50.20 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX002436.D
Acq: 11 Jun 2018 10:57

Tgt Ion:	62	Resp:	220411
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



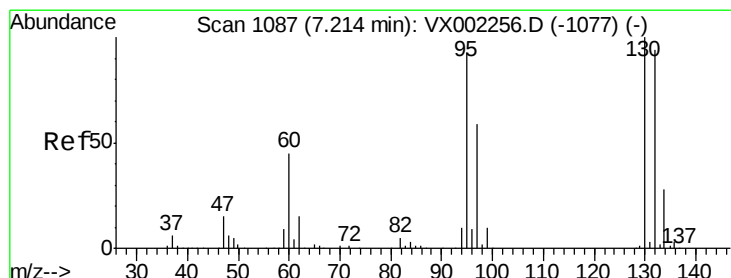
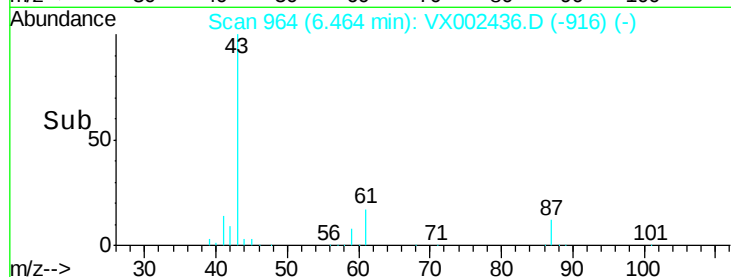
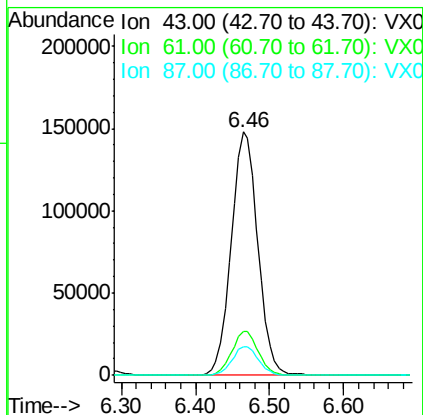
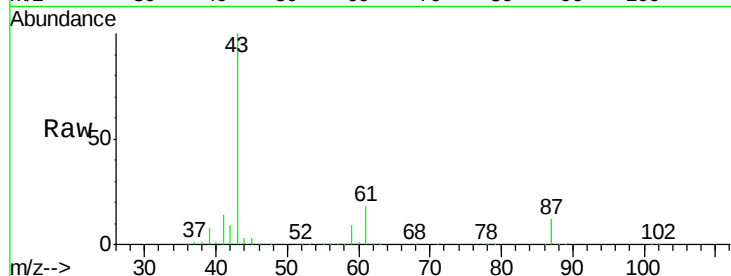


#43

Isopropyl Acetate
 Concen: 50.04 ug/l
 RT: 6.46 min Scan# 964
 Delta R.T. -0.01 min
 Lab File: VX002436.D
 Acq: 11 Jun 2018 10:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

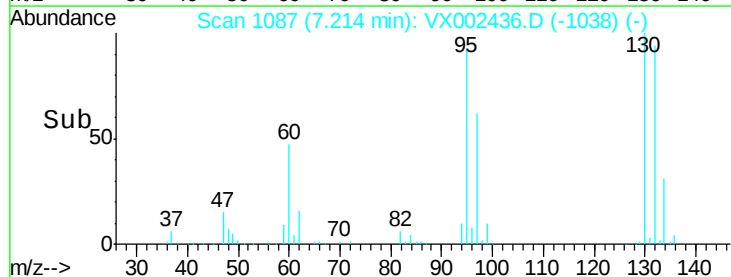
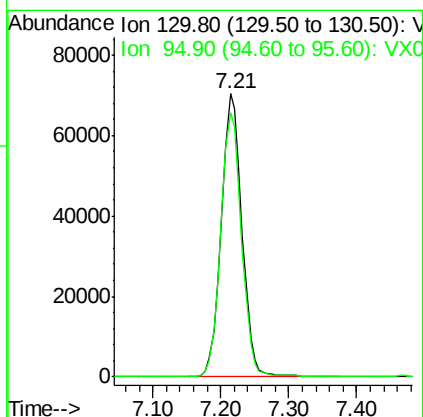
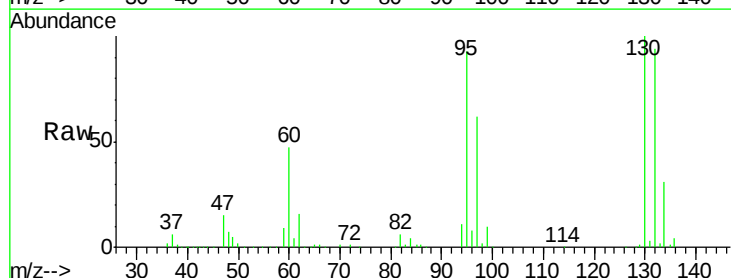
Tot Ion: 43 Resp: 368394
 Ion Ratio Lower Upper
 43 100
 61 18.2 14.4 21.6
 87 12.0 9.5 14.3

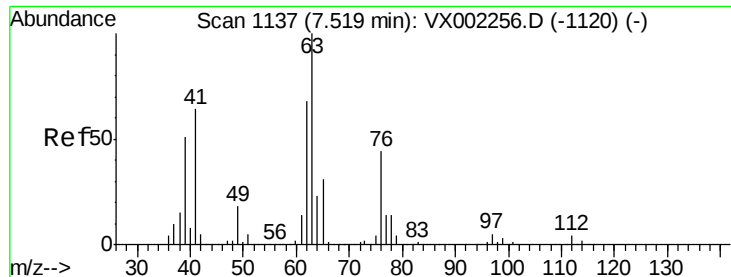


#44

Trichloroethene
 Concen: 48.38 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX002436.D
 Acq: 11 Jun 2018 10:57

Tgt Ion:130 Resp: 148365
 Ion Ratio Lower Upper
 130 100
 95 93.2 0.0 185.4





#45

1,2-Dichloropropane

Concen: 51.11 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.00 min

Lab File: VX002436.D

Acq: 11 Jun 2018 10:57

Instrument :

MSVOA_X

ClientSampleId :

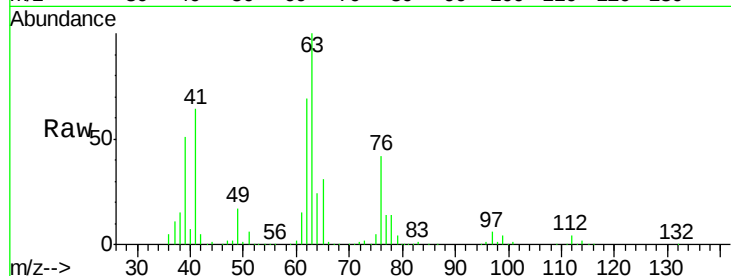
VSTDCCC050

Tot Ion: 63 Resp: 152487

Ion Ratio Lower Upper

63 100

65 30.9 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.52

80000

60000

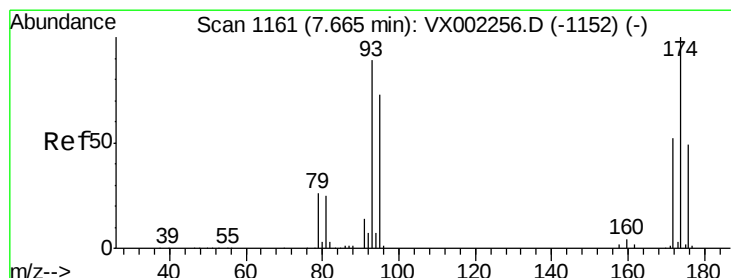
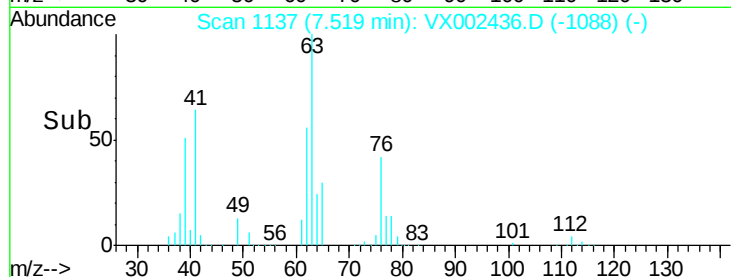
40000

20000

0

7.40 7.50 7.60

Time-->



#46

Dibromomethane

Concen: 51.38 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VX002436.D

Acq: 11 Jun 2018 10:57

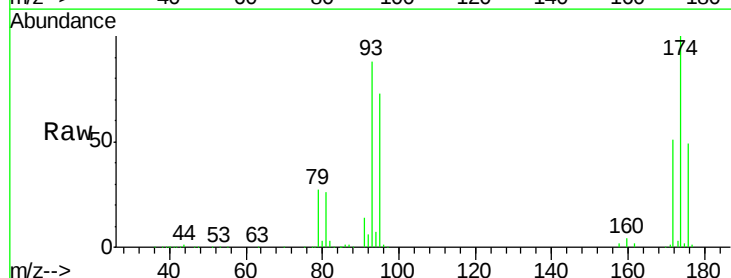
Tgt Ion: 93 Resp: 103907

Ion Ratio Lower Upper

93 100

95 82.7 65.9 98.9

174 113.4 92.4 138.6



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

7.67

80000

60000

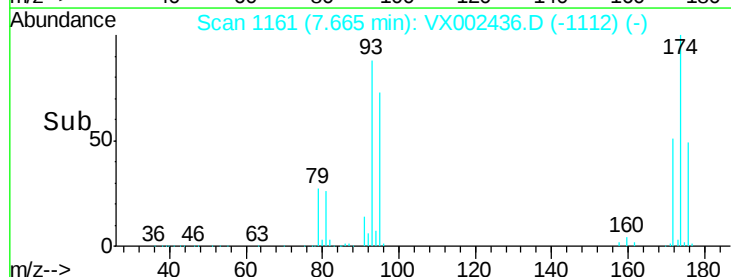
40000

20000

0

7.60 7.70 7.80

Time-->





#47

Bromodichloromethane

Concen: 53.64 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002436.D

Acq: 11 Jun 2018 10:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

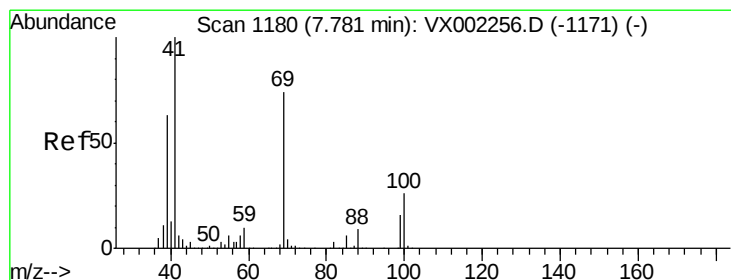
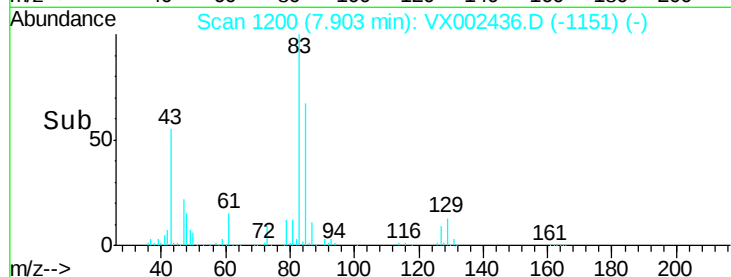
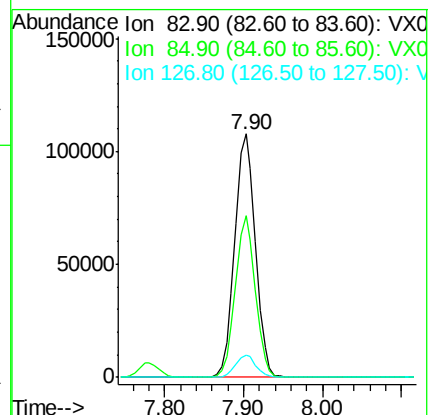
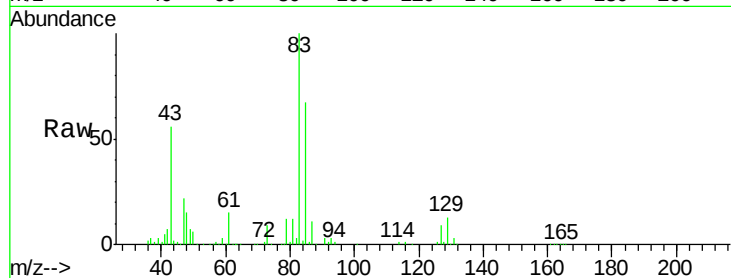
Tot Ion: 83 Resp: 196189

Ion Ratio Lower Upper

83 100

85 66.6 50.3 75.5

127 9.4 7.0 10.4



#48

Methyl methacrylate

Concen: 50.65 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VX002436.D

Acq: 11 Jun 2018 10:57

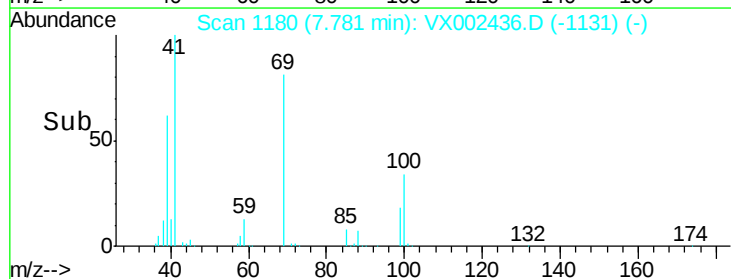
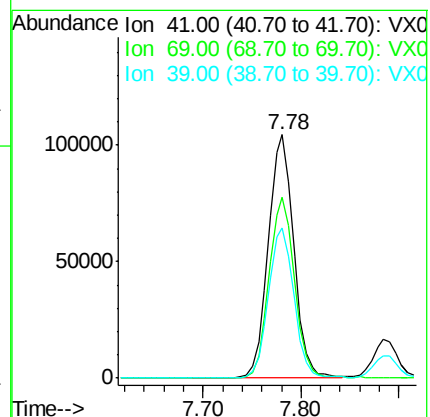
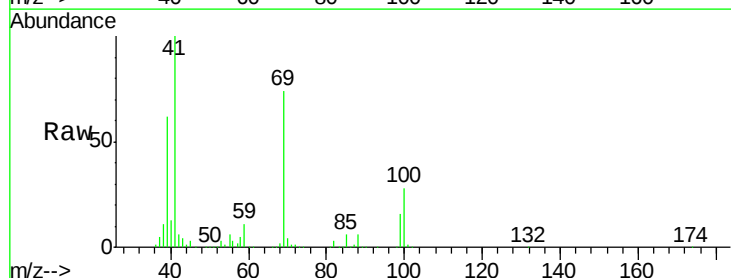
Tgt Ion: 41 Resp: 187313

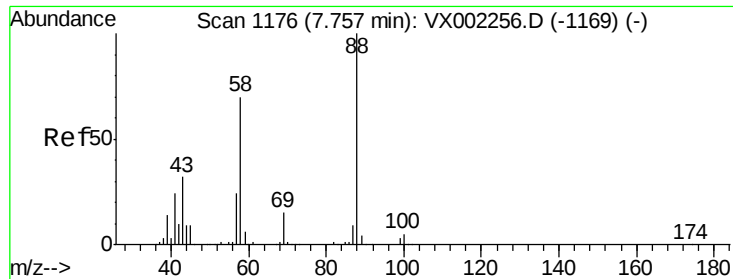
Ion Ratio Lower Upper

41 100

69 75.0 59.1 88.7

39 61.8 48.9 73.3





#49

1,4-Dioxane

Concen: 955.14 ug/l

RT: 7.76 min Scan# 1176

Delta R.T. -0.00 min

Lab File: VX002436.D

Acq: 11 Jun 2018 10:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

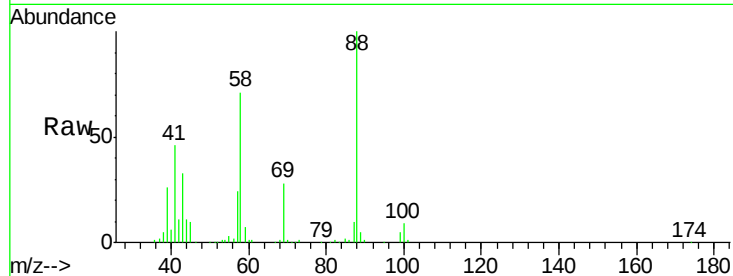
Tot Ion: 88 Resp: 66040

Ion Ratio Lower Upper

88 100

43 37.1 29.8 44.6

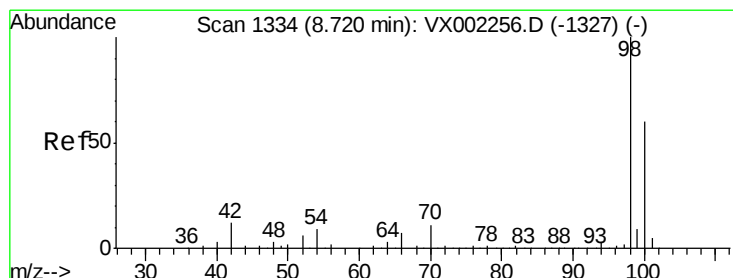
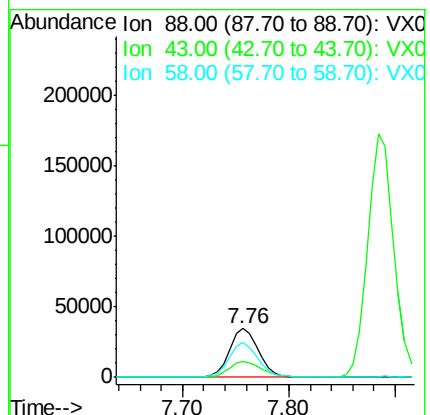
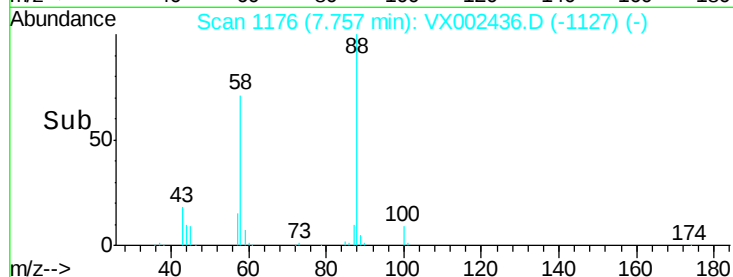
58 70.5 57.1 85.7



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 44.42 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX002436.D

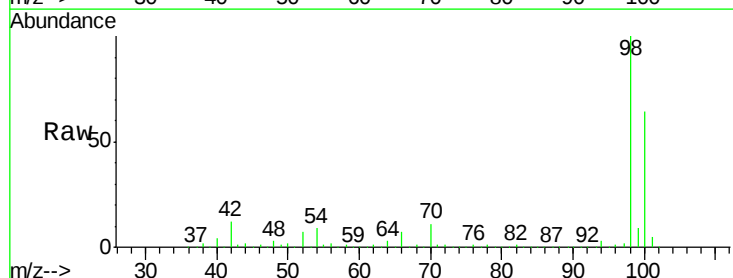
Acq: 11 Jun 2018 10:57

Tgt Ion: 98 Resp: 458981

Ion Ratio Lower Upper

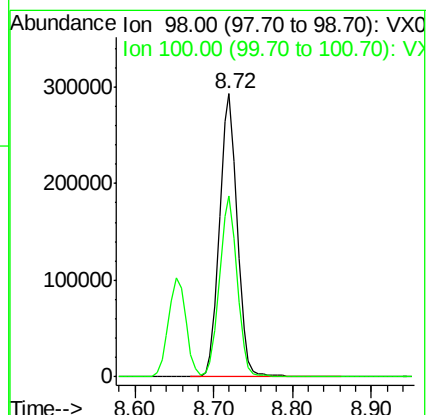
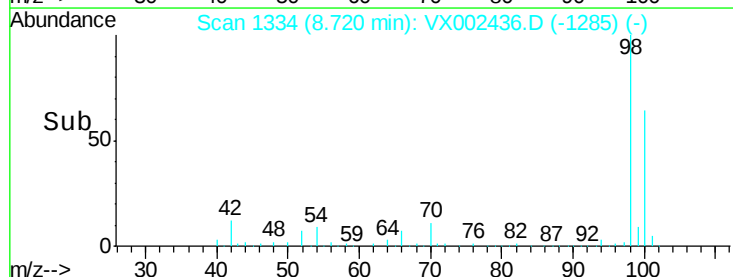
98 100

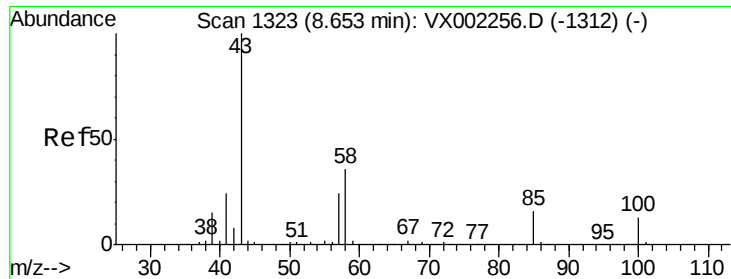
100 64.0 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 251.54 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002436.D

Acq: 11 Jun 2018 10:57

Instrument :

MSVOA_X

ClientSampleId :

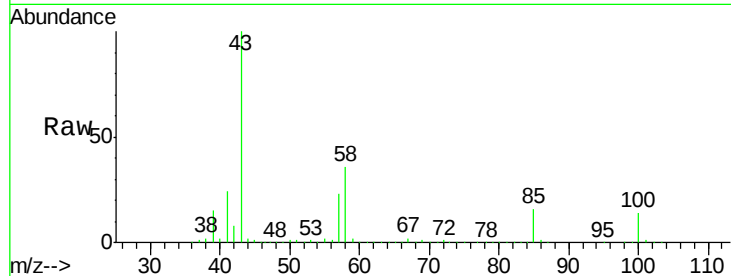
VSTDCCC050

Tot Ion: 43 Resp: 1153204

Ion Ratio Lower Upper

43 100

58 36.0 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

800000

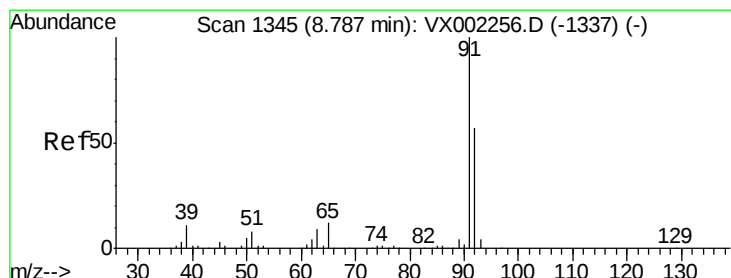
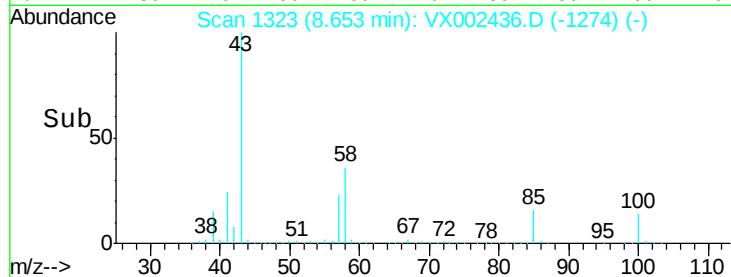
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 49.80 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002436.D

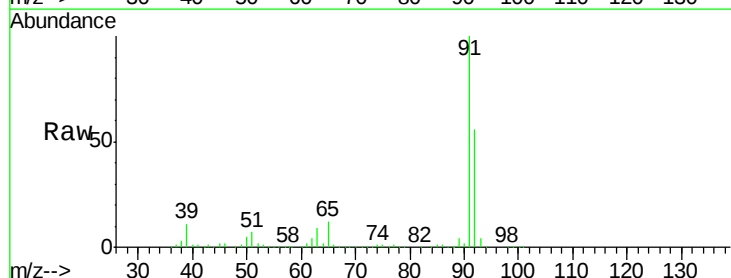
Acq: 11 Jun 2018 10:57

Tgt Ion: 92 Resp: 349997

Ion Ratio Lower Upper

92 100

91 175.4 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

400000

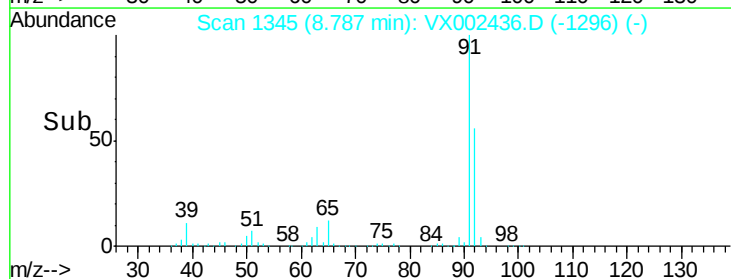
300000

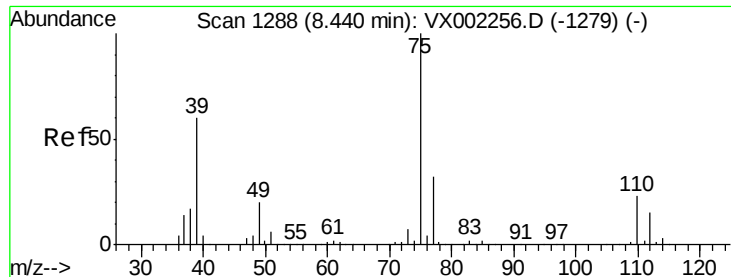
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 53.94 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX002436.D

Acq: 11 Jun 2018 10:57

Instrument :

MSVOA_X

ClientSampleId :

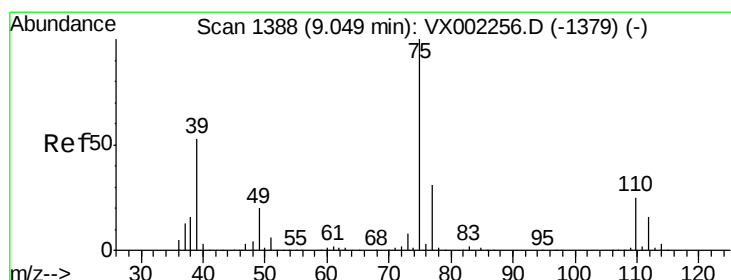
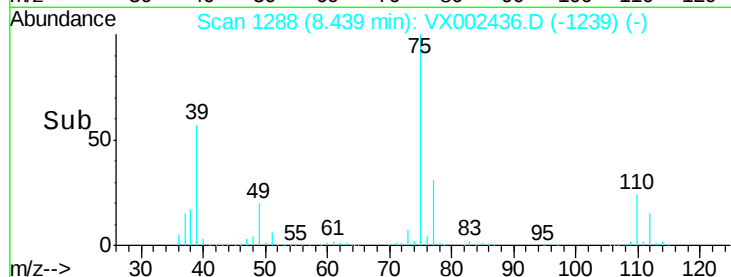
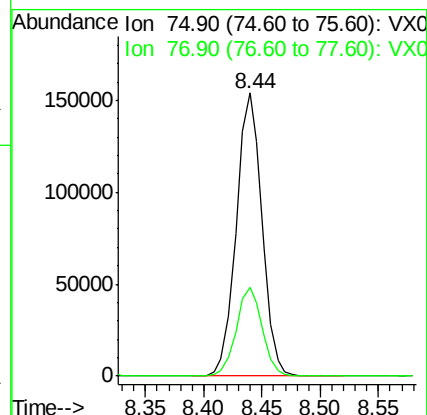
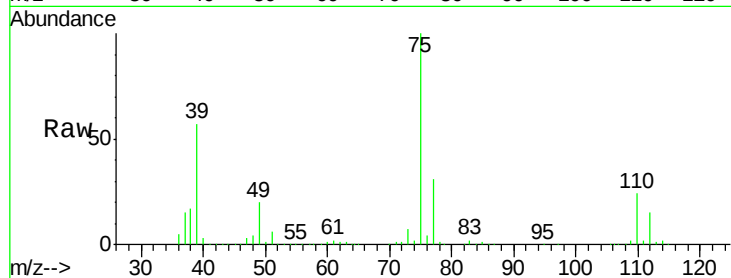
VSTDCCC050

Tot Ion: 75 Resp: 236613

Ion Ratio Lower Upper

75 100

77 31.1 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 54.76 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.01 min

Lab File: VX002436.D

Acq: 11 Jun 2018 10:57

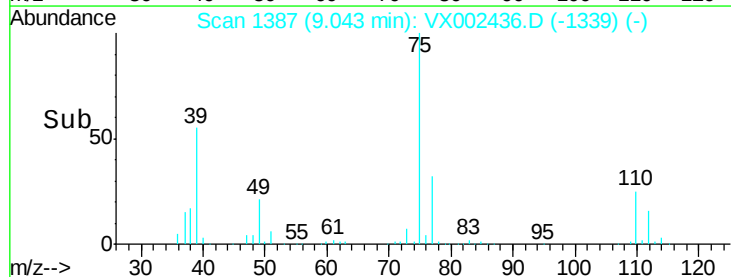
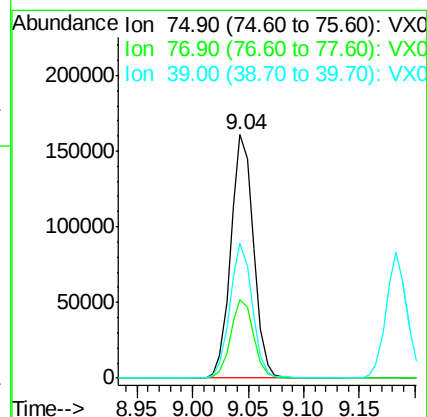
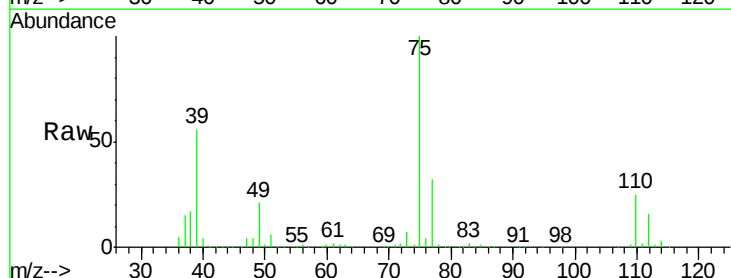
Tgt Ion: 75 Resp: 226616

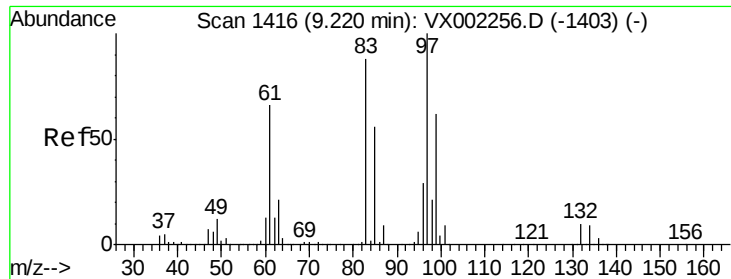
Ion Ratio Lower Upper

75 100

77 32.0 24.8 37.2

39 55.4 42.4 63.6

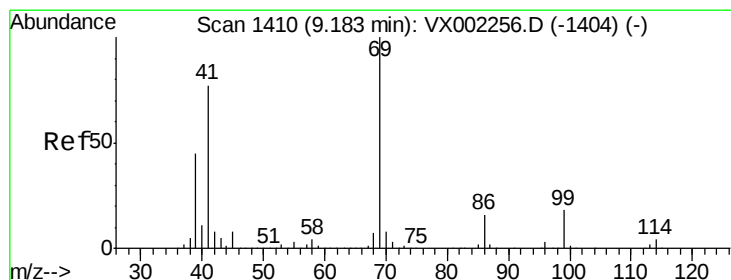
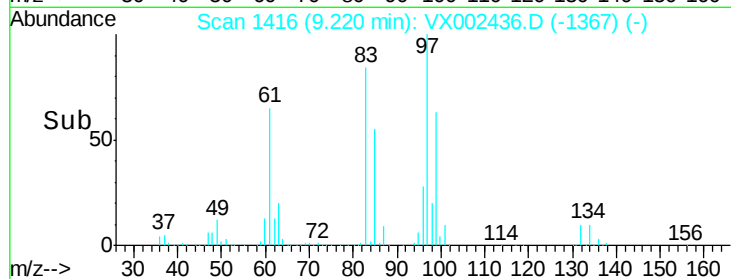
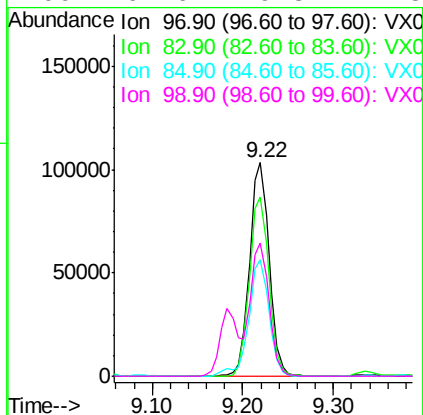
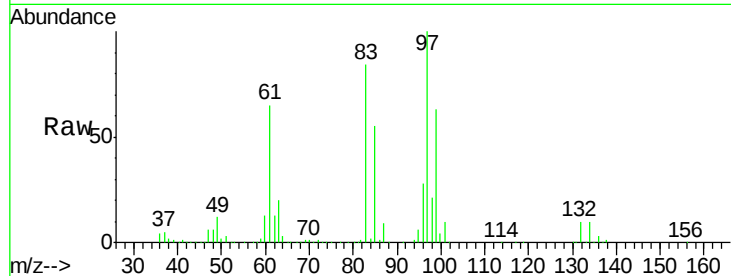




#55
 1,1,2-Trichloroethane
 Concen: 53.52 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002436.D
 Acq: 11 Jun 2018 10:57

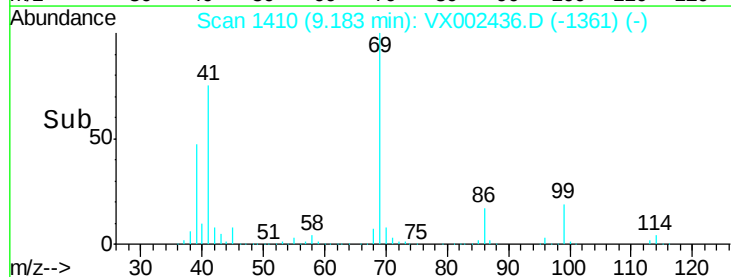
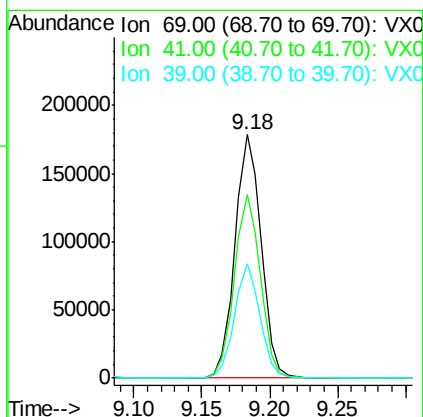
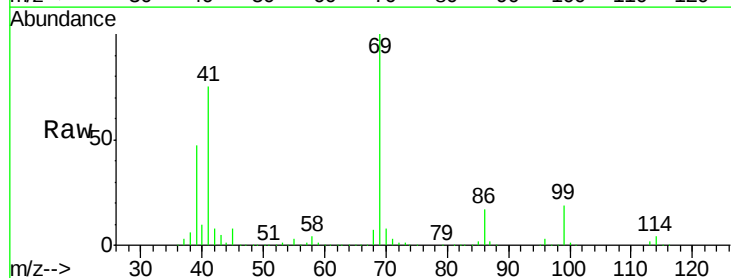
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	154725
Ion	Ratio	Lower	Upper
97	100		
83	84.1	70.2	105.2
85	54.8	44.9	67.3
99	62.6	49.8	74.8



#56
 Ethyl methacrylate
 Concen: 51.76 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX002436.D
 Acq: 11 Jun 2018 10:57

Tgt Ion:	69	Resp:	238895
Ion	Ratio	Lower	Upper
69	100		
41	74.8	60.3	90.5
39	45.7	35.8	53.8





#57

1,3-Dichloropropane

Concen: 52.39 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VX002436.D

Acq: 11 Jun 2018 10:57

Instrument :

MSVOA_X

ClientSampleId :

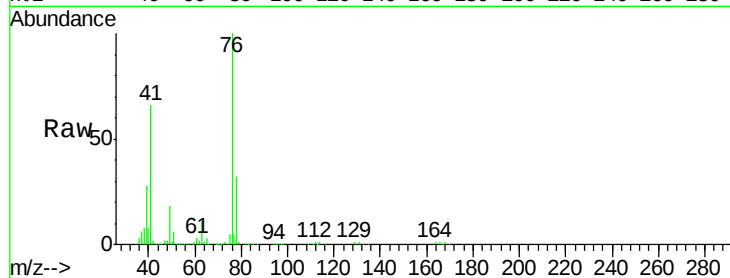
VSTDCCC050

Tot Ion: 76 Resp: 254084

Ion Ratio Lower Upper

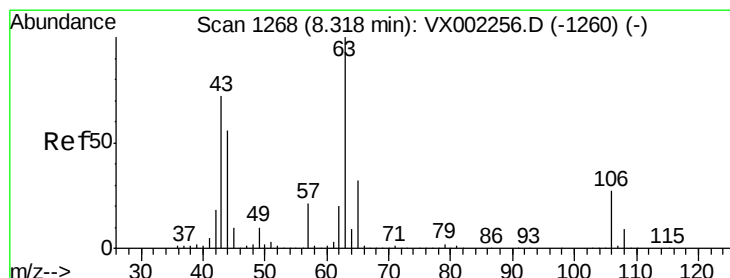
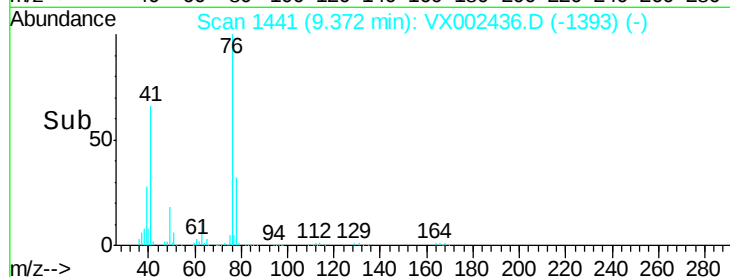
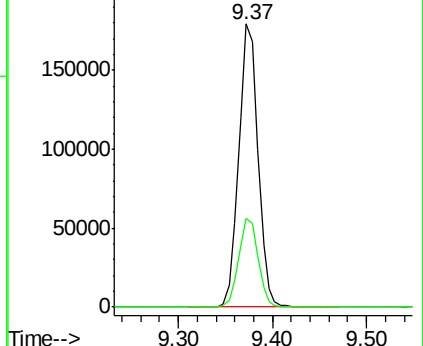
76 100

78 32.0 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: 289.83 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX002436.D

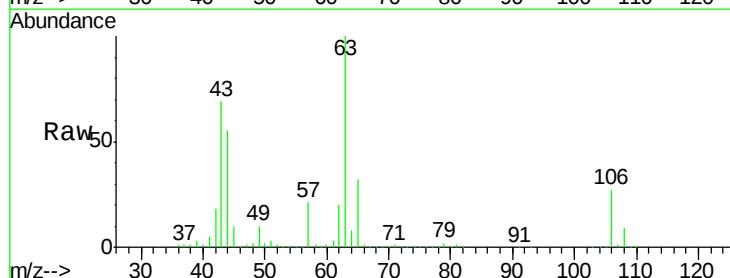
Acq: 11 Jun 2018 10:57

Tgt Ion: 63 Resp: 619097

Ion Ratio Lower Upper

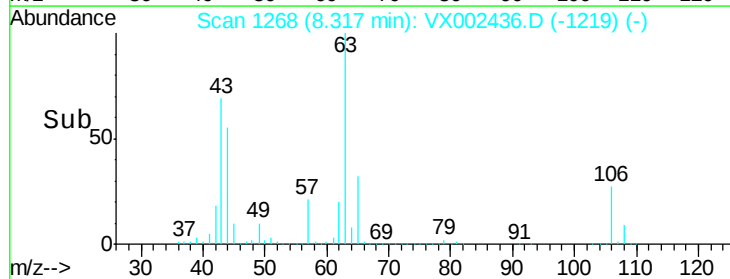
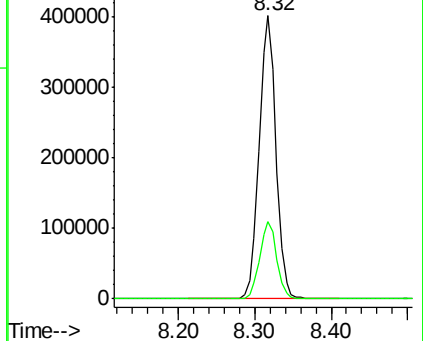
63 100

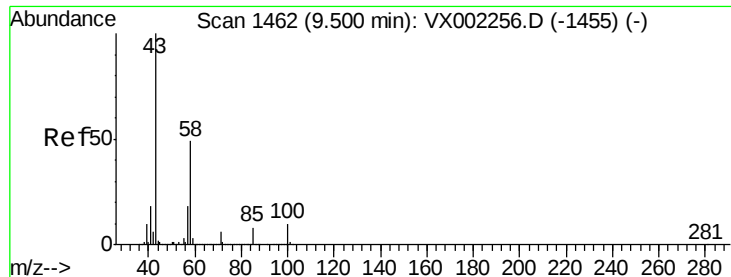
106 27.6 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

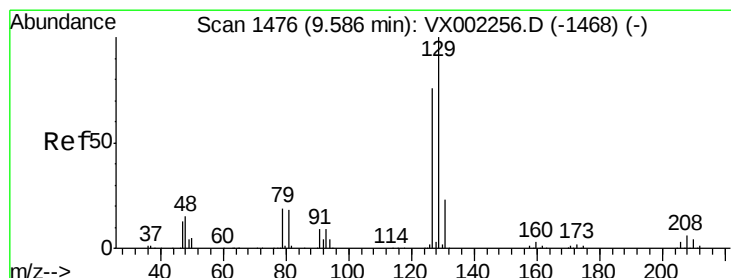
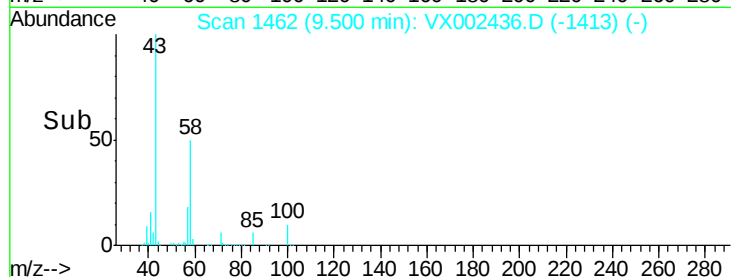
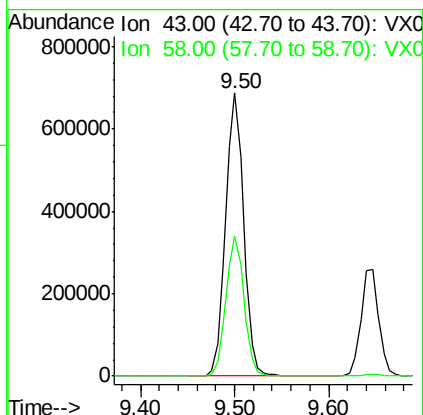
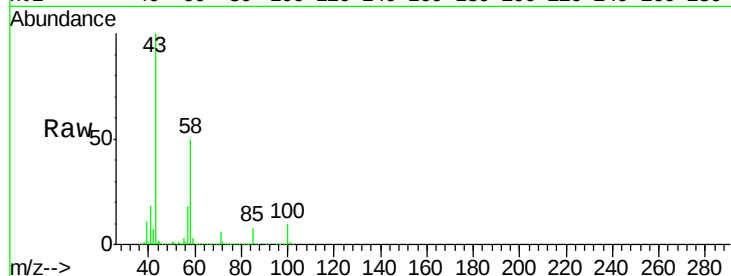




#59
2-Hexanone
Concen: 258.61 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002436.D
Acq: 11 Jun 2018 10:57

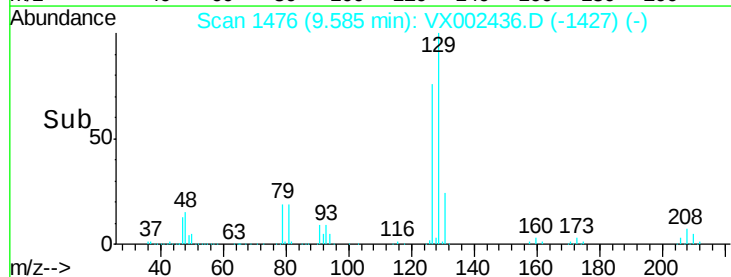
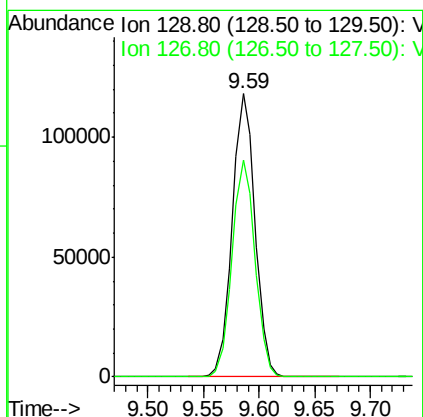
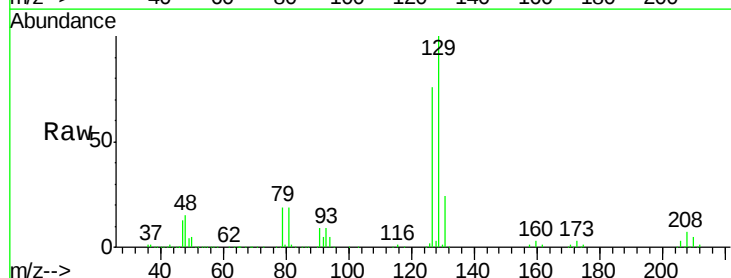
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 915771
Ion Ratio Lower Upper
43 100
58 49.6 24.6 73.6



#60
Dibromochloromethane
Concen: 57.63 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX002436.D
Acq: 11 Jun 2018 10:57

Tgt Ion: 129 Resp: 167570
Ion Ratio Lower Upper
129 100
127 77.3 38.5 115.3





#61

1,2-Dibromoethane

Concen: 53.88 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002436.D

Acq: 11 Jun 2018 10:57

Instrument :

MSVOA_X

ClientSampleId :

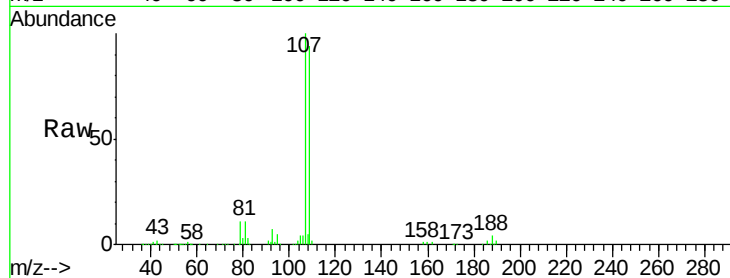
VSTDCCC050

Tot Ion:107 Resp: 162397

Ion Ratio Lower Upper

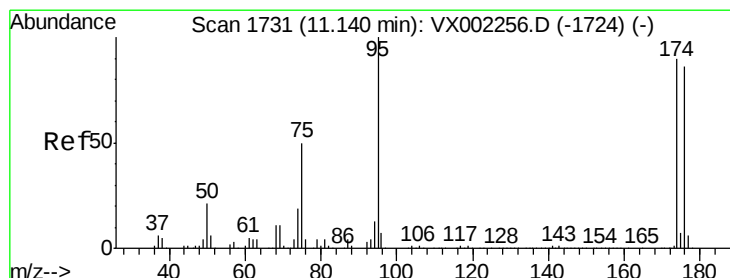
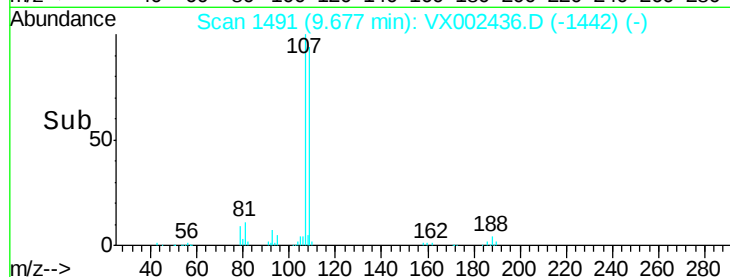
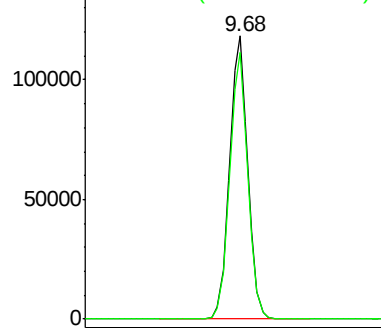
107 100

109 94.0 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.28 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002436.D

Acq: 11 Jun 2018 10:57

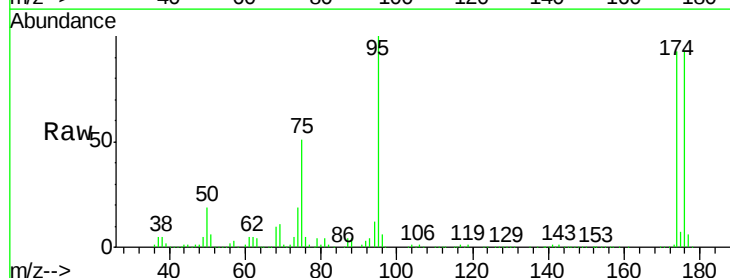
Tgt Ion: 95 Resp: 188401

Ion Ratio Lower Upper

95 100

174 95.3 0.0 187.4

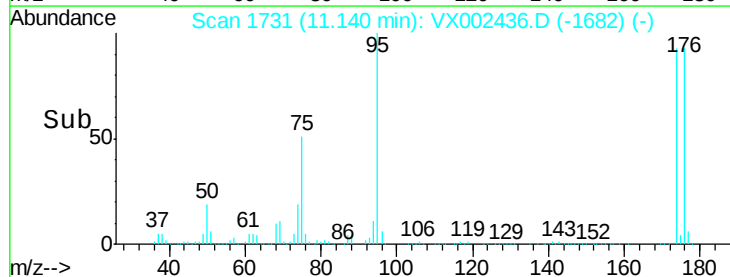
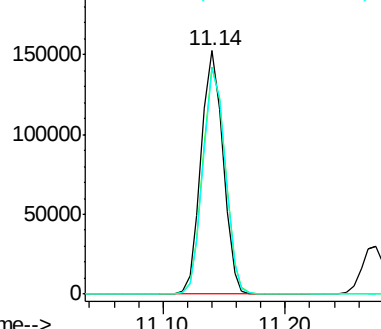
176 94.1 0.0 181.0

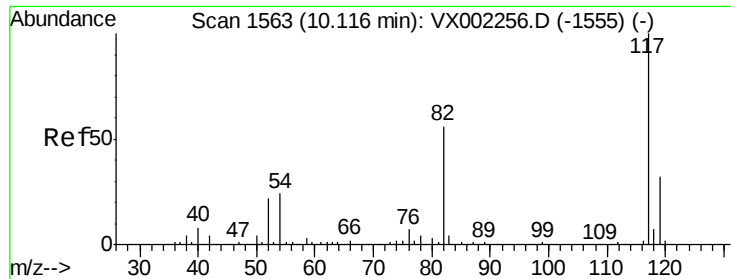


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

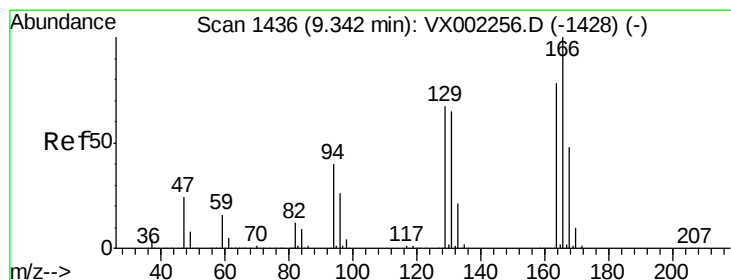
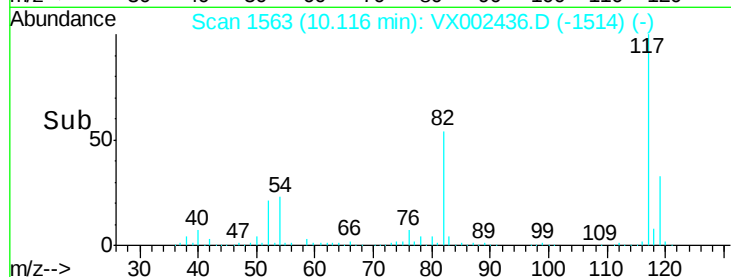
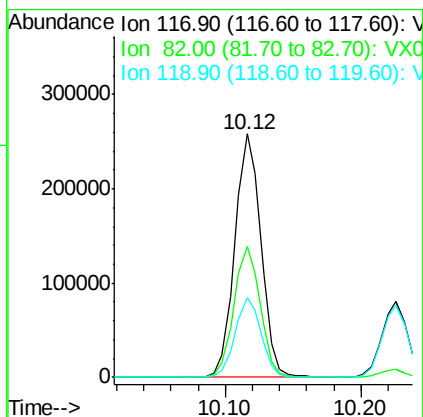
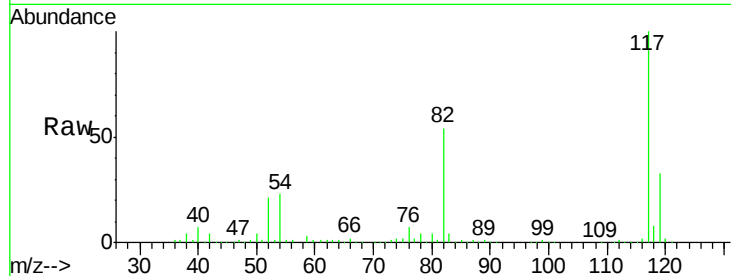




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002436.D
Acq: 11 Jun 2018 10:57

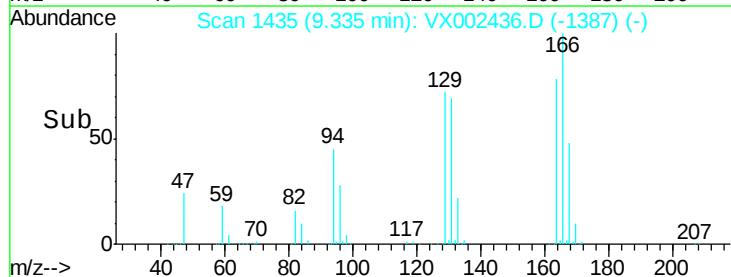
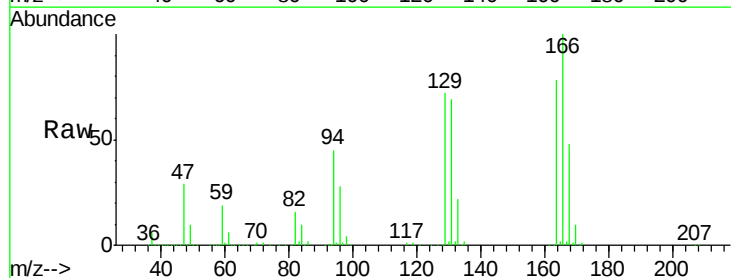
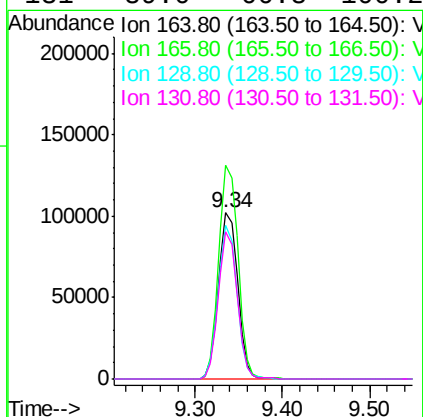
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:117 Resp: 345434
Ion Ratio Lower Upper
117 100
82 53.9 45.0 67.4
119 32.6 25.8 38.6



#64
Tetrachloroethene
Concen: 43.83 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.01 min
Lab File: VX002436.D
Acq: 11 Jun 2018 10:57

Tgt Ion:164 Resp: 156142
Ion Ratio Lower Upper
164 100
166 128.8 102.9 154.3
129 92.4 68.6 102.8
131 89.0 66.8 100.2

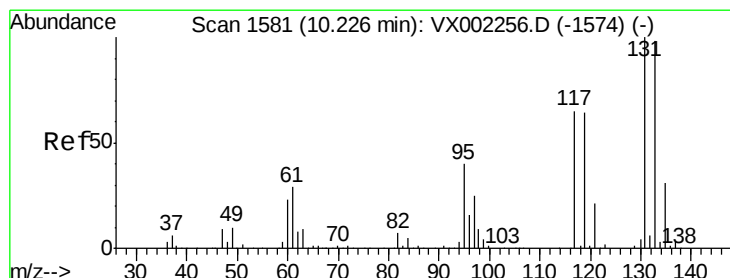
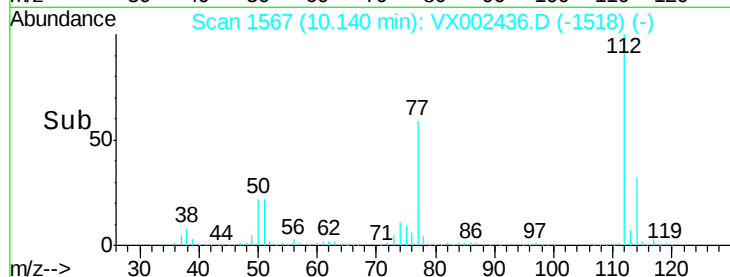
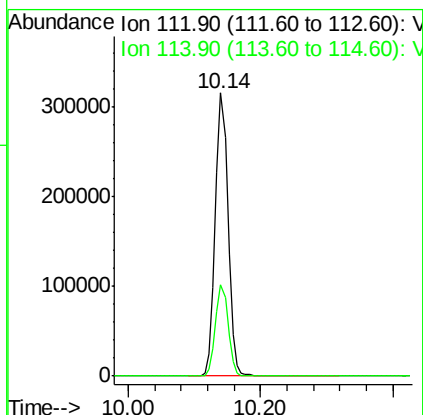
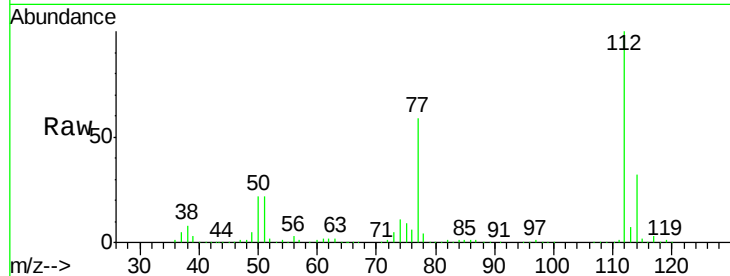




#65
Chlorobenzene
Concen: 48.71 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002436.D
Acq: 11 Jun 2018 10:57

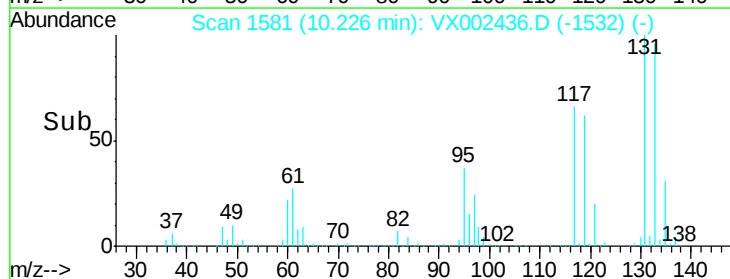
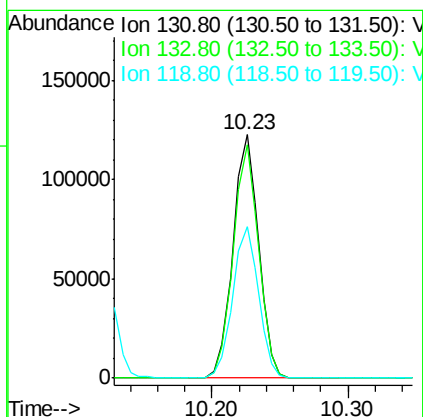
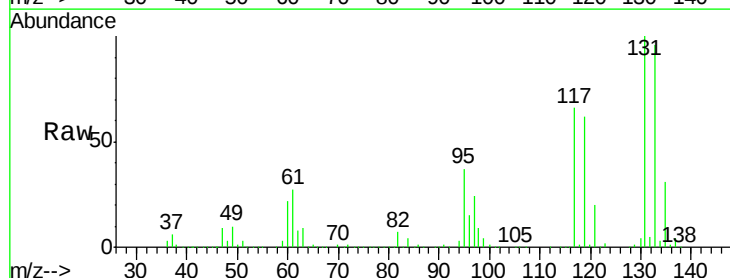
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

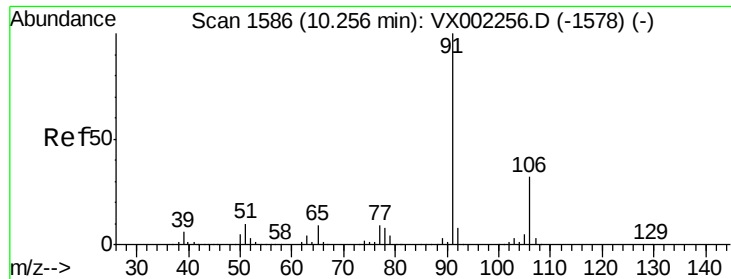
Tot Ion:112 Resp: 418710
Ion Ratio Lower Upper
112 100
114 32.3 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 51.55 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX002436.D
Acq: 11 Jun 2018 10:57

Tgt Ion:131 Resp: 160439
Ion Ratio Lower Upper
131 100
133 95.4 47.9 143.6
119 63.1 31.8 95.3

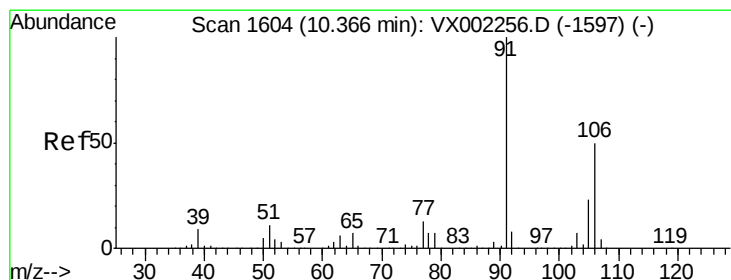
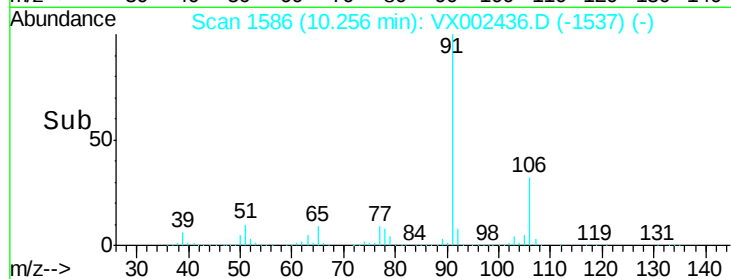
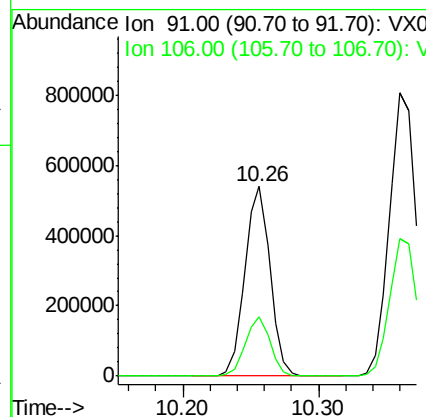
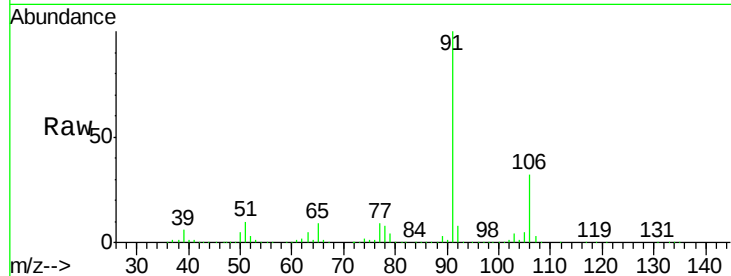




#67
Ethyl Benzene
Concen: 48.52 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002436.D
Acq: 11 Jun 2018 10:57

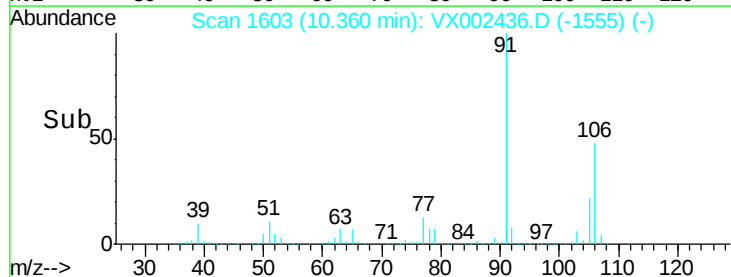
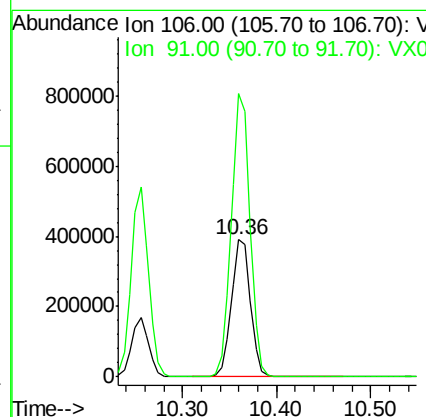
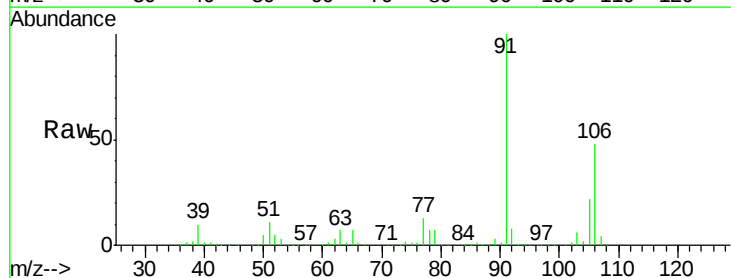
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

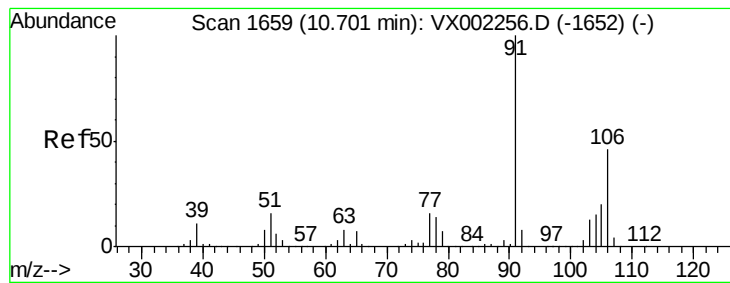
Tot Ion: 91 Resp: 697894
Ion Ratio Lower Upper
91 100
106 31.6 25.5 38.3



#68
m/p-Xylenes
Concen: 97.41 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VX002436.D
Acq: 11 Jun 2018 10:57

Tgt Ion: 106 Resp: 544708
Ion Ratio Lower Upper
106 100
91 203.6 163.4 245.2





#69

o-Xylene

Concen: 48.91 ug/l

RT: 10.70 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX002436.D

Acq: 11 Jun 2018 10:57

Instrument :

MSVOA_X

ClientSampled :

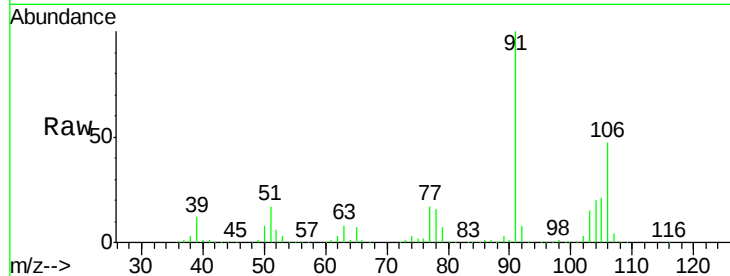
VSTDCCC050

Tot Ion:106 Resp: 272139

Ion Ratio Lower Upper

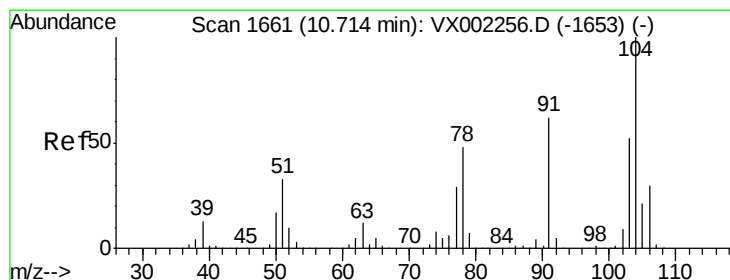
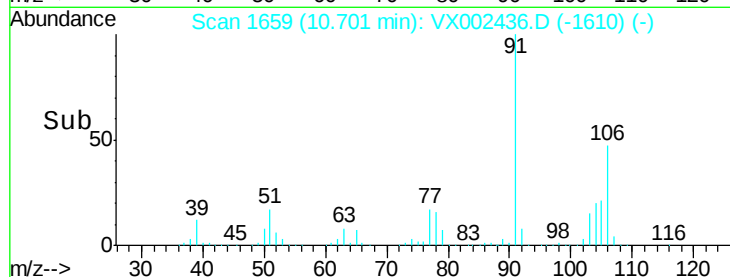
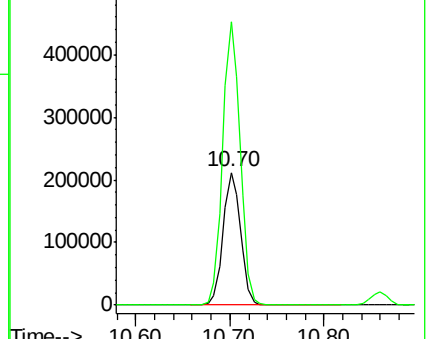
106 100

91 214.3 108.2 324.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#70

Styrene

Concen: 51.10 ug/l

RT: 10.71 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX002436.D

Acq: 11 Jun 2018 10:57

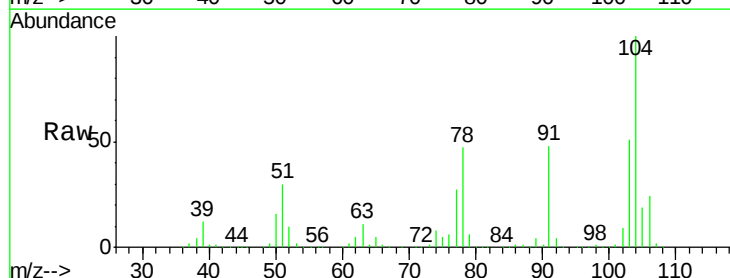
Tgt Ion:104 Resp: 464865

Ion Ratio Lower Upper

104 100

78 51.2 41.0 61.6

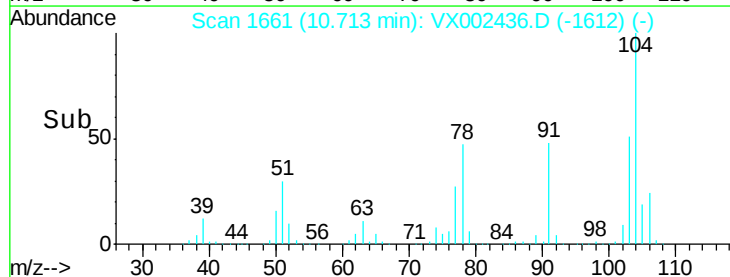
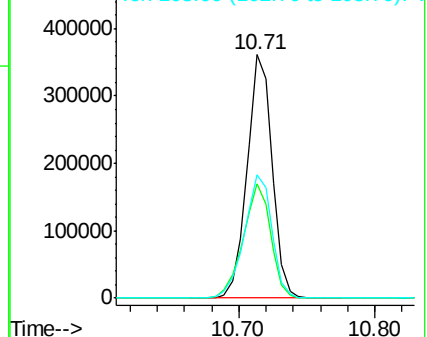
103 55.6 44.2 66.4



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: 48.03 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX002436.D

Acq: 11 Jun 2018 10:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

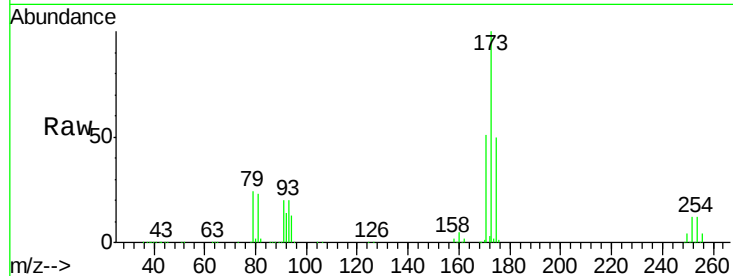
Tot Ion:173 Resp: 133467

Ion Ratio Lower Upper

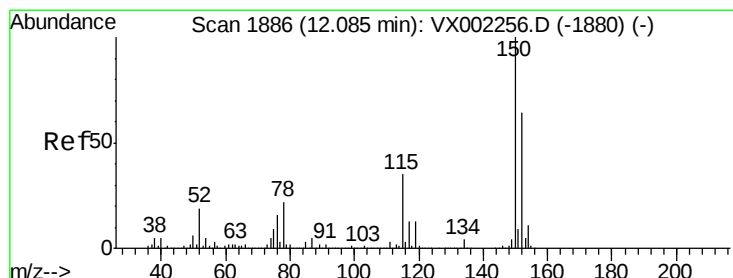
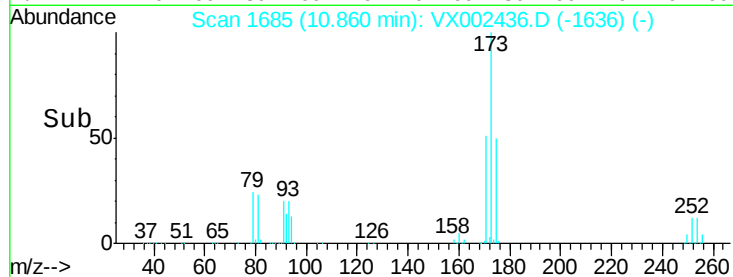
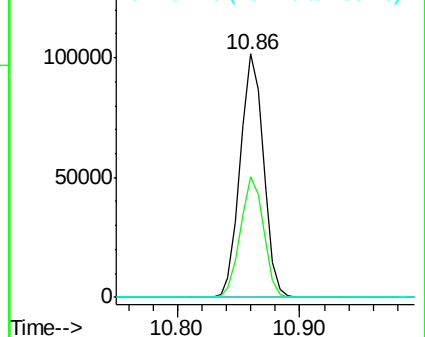
173 100

175 49.1 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: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002436.D

Acq: 11 Jun 2018 10:57

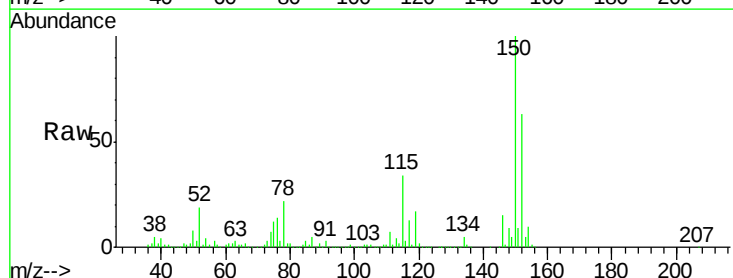
Tgt Ion:152 Resp: 228269

Ion Ratio Lower Upper

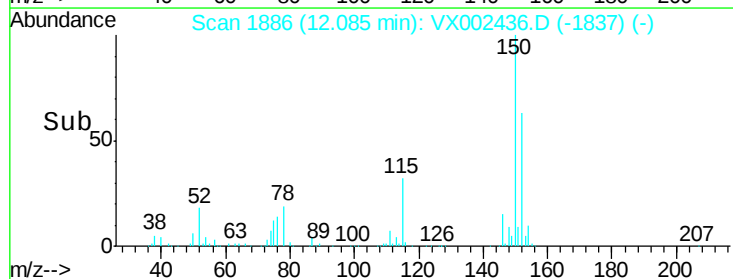
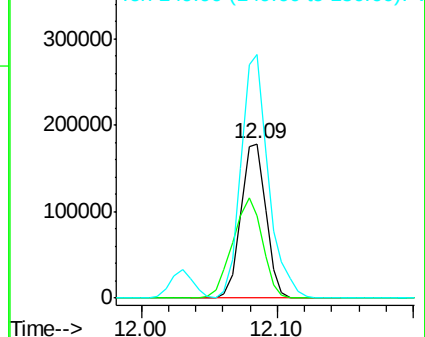
152 100

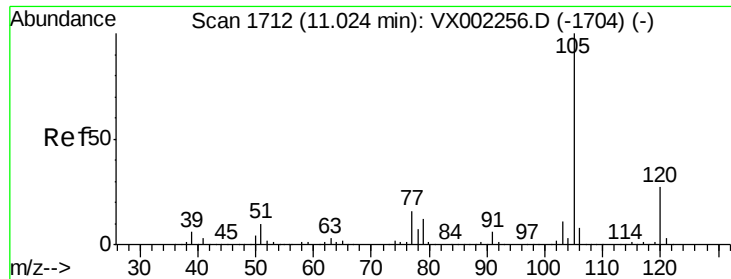
115 77.5 40.1 120.2

150 172.5 0.0 347.2



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





#73

Isopropylbenzene

Concen: 44.65 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002436.D

Acq: 11 Jun 2018 10:57

Instrument :

MSVOA_X

ClientSampleId :

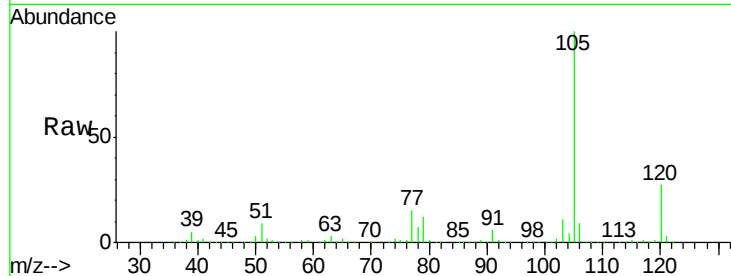
VSTDCCC050

Tot Ion:105 Resp: 708948

Ion Ratio Lower Upper

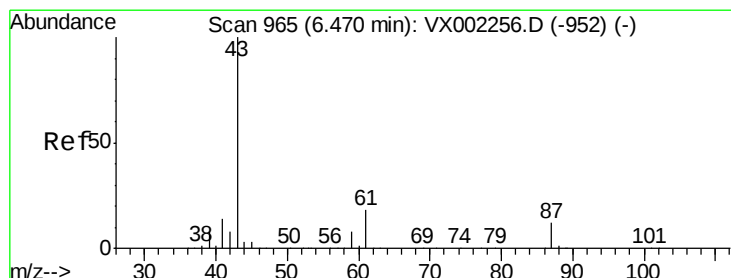
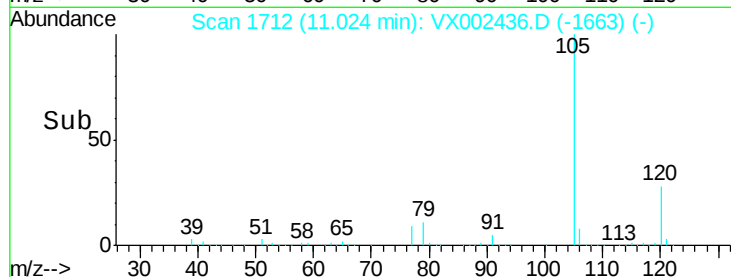
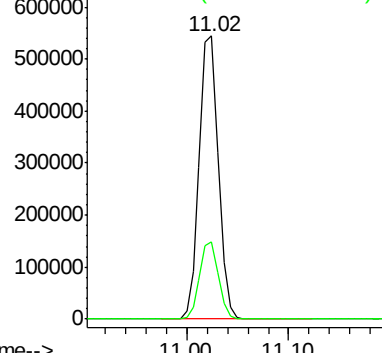
105 100

120 26.9 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: 43.05 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.01 min

Lab File: VX002436.D

Acq: 11 Jun 2018 10:57

Tgt Ion: 43 Resp: 368394

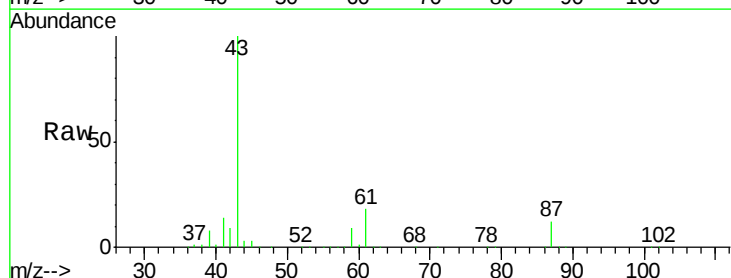
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

61 18.2 14.4 21.6

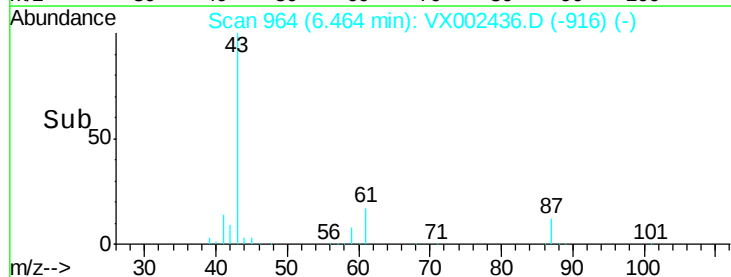
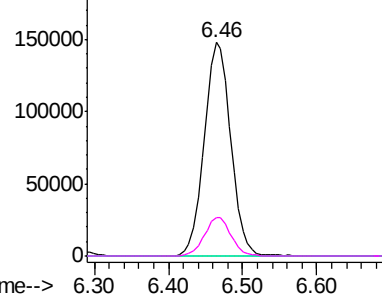


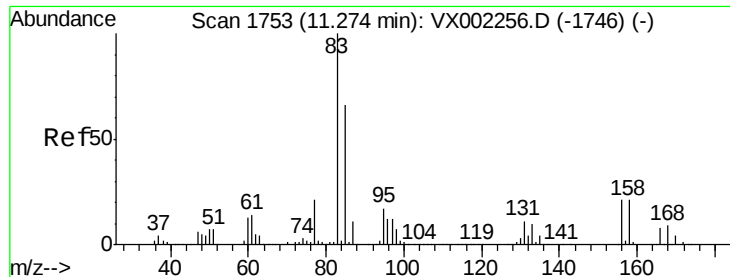
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 45.96 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002436.D

Acq: 11 Jun 2018 10:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

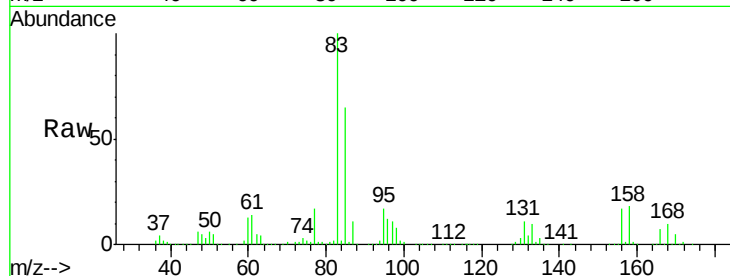
Tot Ion: 83 Resp: 229564

Ion Ratio Lower Upper

83 100

131 11.1 5.6 16.8

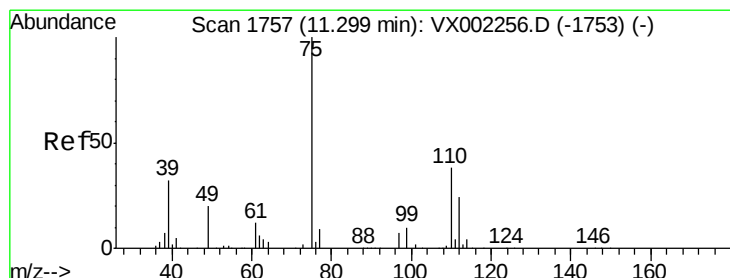
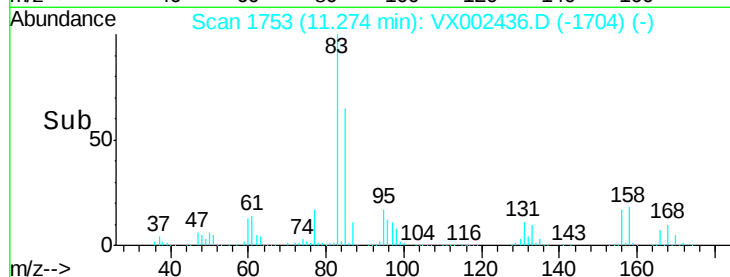
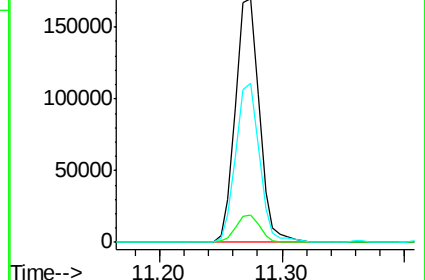
85 64.8 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 54.53 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX002436.D

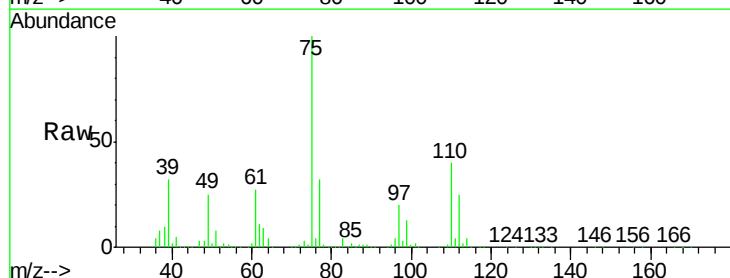
Acq: 11 Jun 2018 10:57

Tgt Ion: 75 Resp: 273152

Ion Ratio Lower Upper

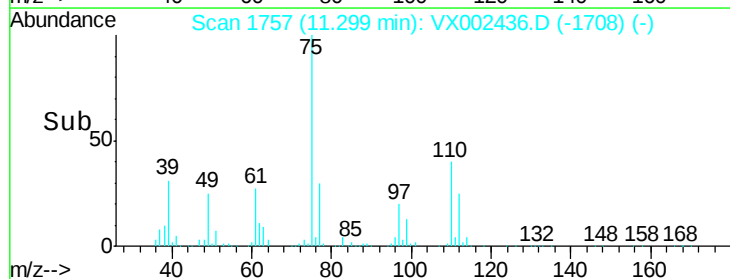
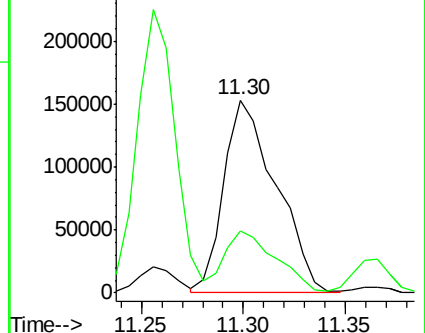
75 100

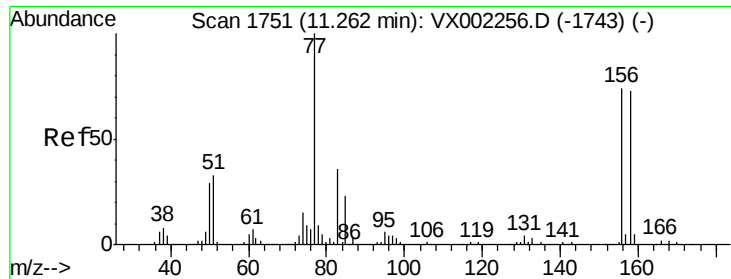
77 32.0 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 46.88 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX002436.D

Acq: 11 Jun 2018 10:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

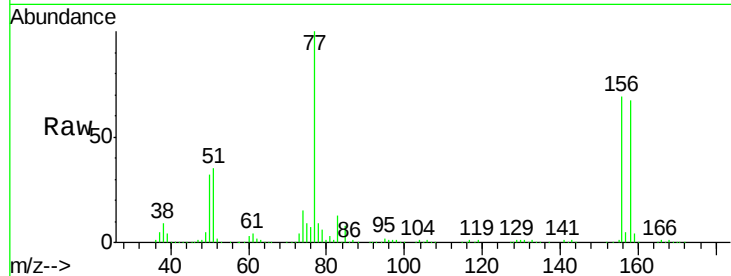
Tot Ion:156 Resp: 209001

Ion Ratio Lower Upper

156 100

77 138.8 71.4 214.2

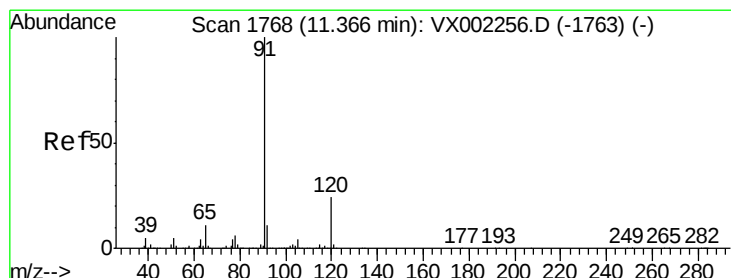
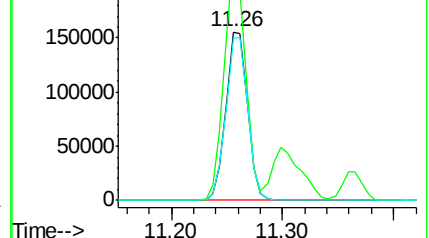
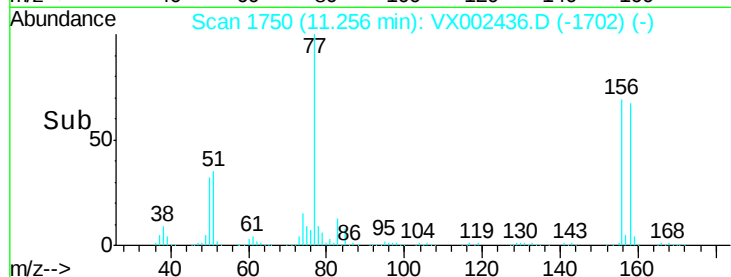
158 97.8 48.9 146.6



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: 46.57 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002436.D

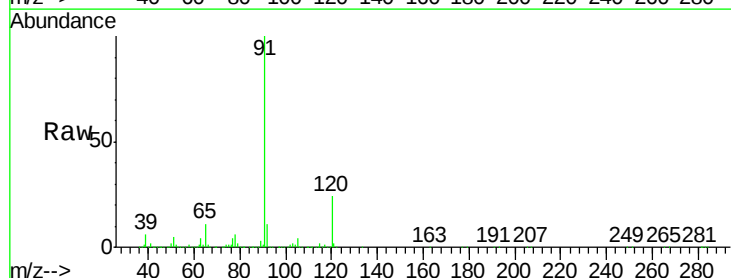
Acq: 11 Jun 2018 10:57

Tgt Ion: 91 Resp: 821940

Ion Ratio Lower Upper

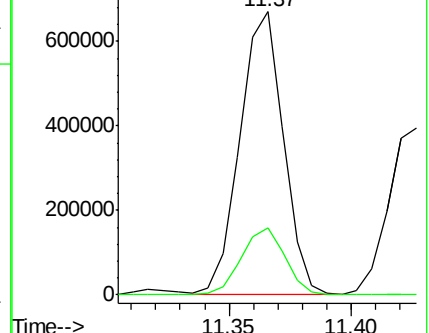
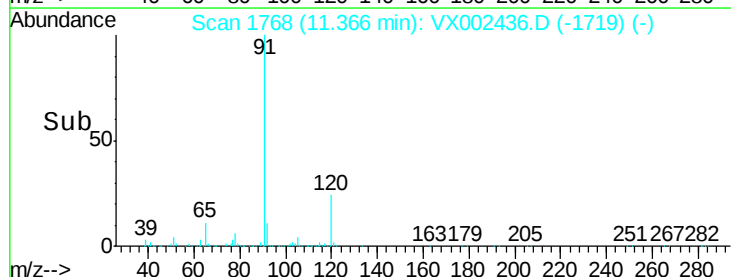
91 100

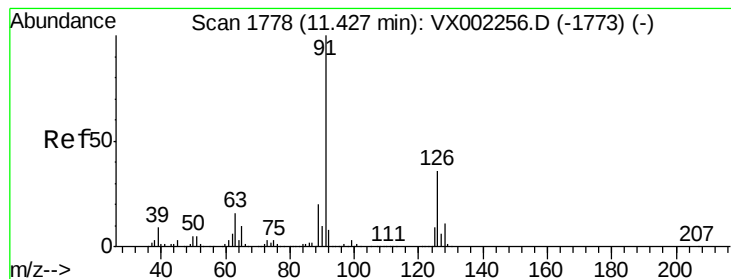
120 23.8 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 45.22 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002436.D

Acq: 11 Jun 2018 10:57

Instrument :

MSVOA_X

ClientSampleId :

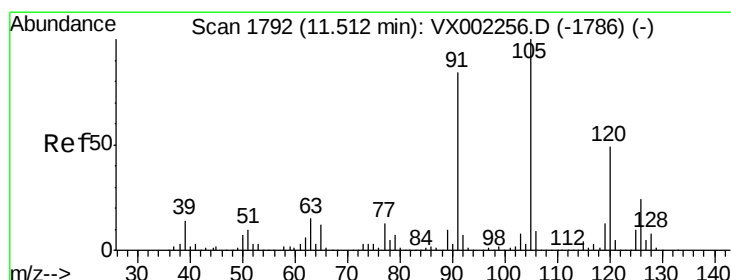
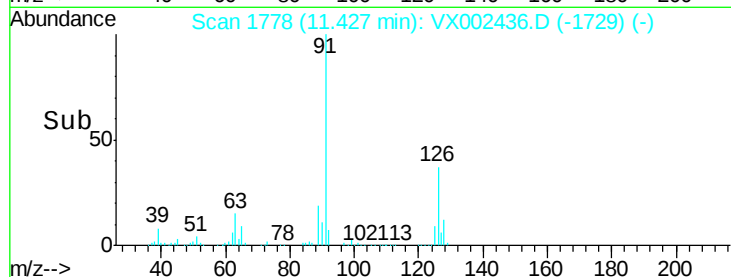
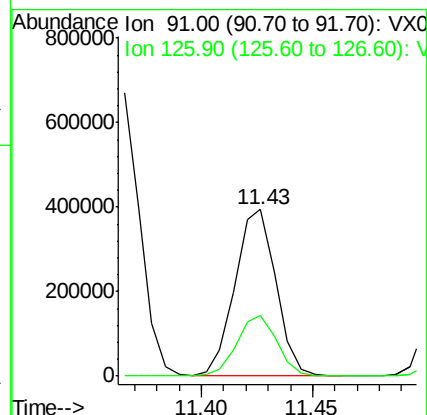
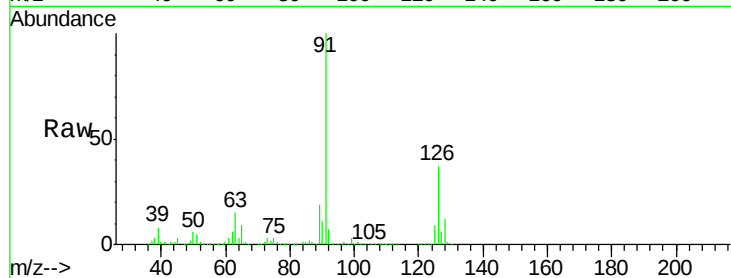
VSTDCCC050

Tot Ion: 91 Resp: 503906

Ion Ratio Lower Upper

91 100

126 35.7 17.7 53.1



#80

1,3,5-Trimethylbenzene

Concen: 45.84 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002436.D

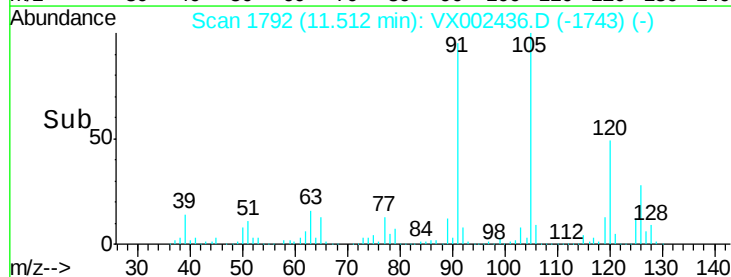
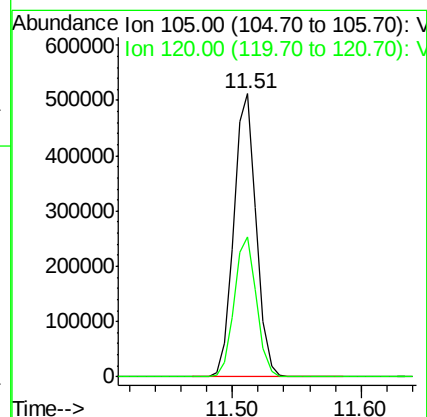
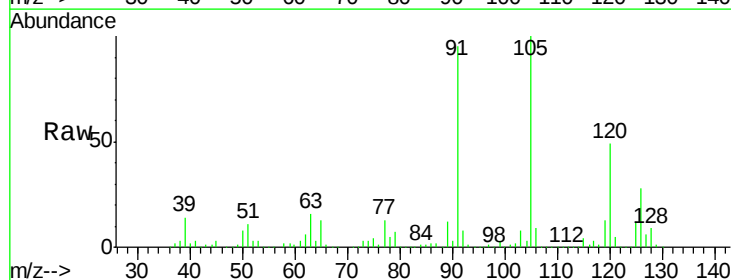
Acq: 11 Jun 2018 10:57

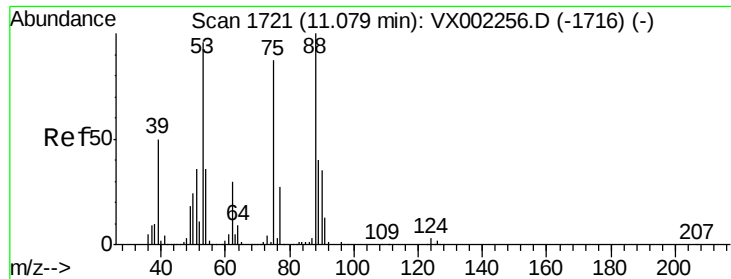
Tgt Ion: 105 Resp: 624406

Ion Ratio Lower Upper

105 100

120 49.1 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 48.02 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX002436.D

Acq: 11 Jun 2018 10:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

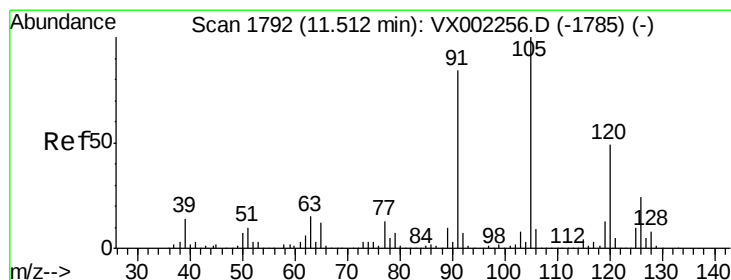
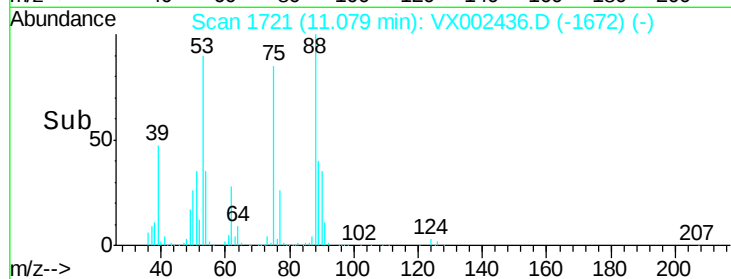
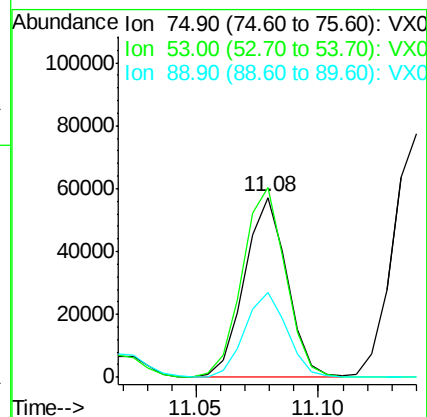
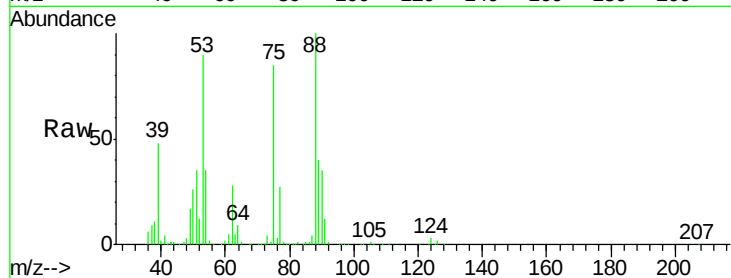
Tot Ion: 75 Resp: 68618

Ion Ratio Lower Upper

75 100

53 107.8 86.8 130.2

89 47.6 38.2 57.2



#82

4-Chlorotoluene

Concen: 46.97 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002436.D

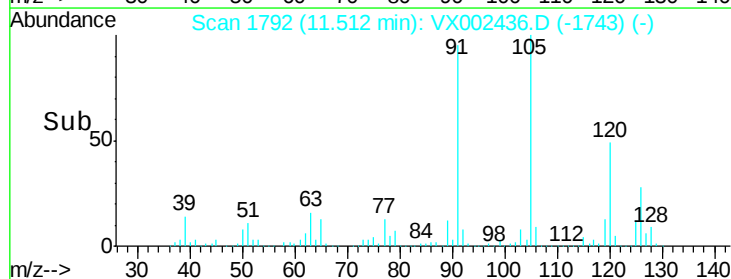
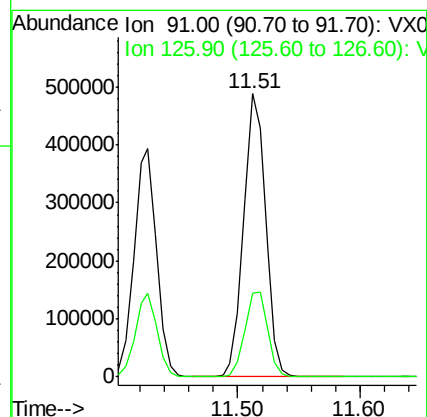
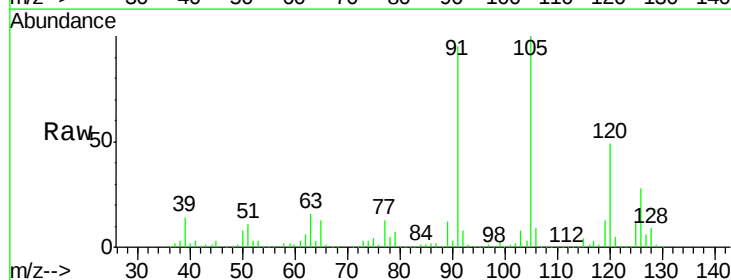
Acq: 11 Jun 2018 10:57

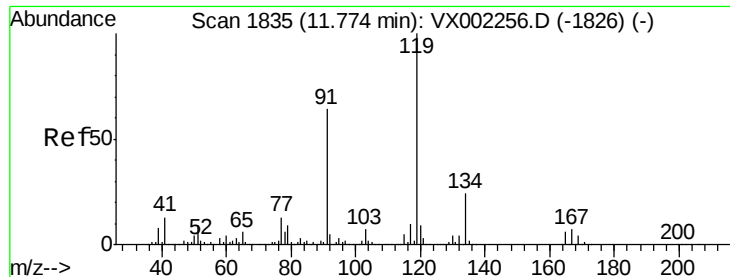
Tgt Ion: 91 Resp: 604225

Ion Ratio Lower Upper

91 100

126 31.2 15.4 46.4

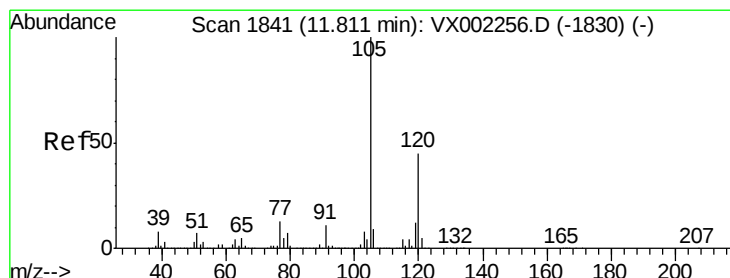
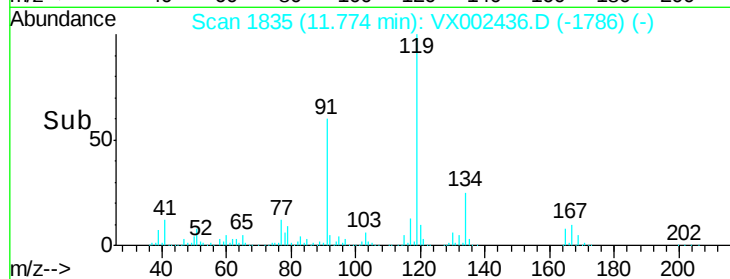
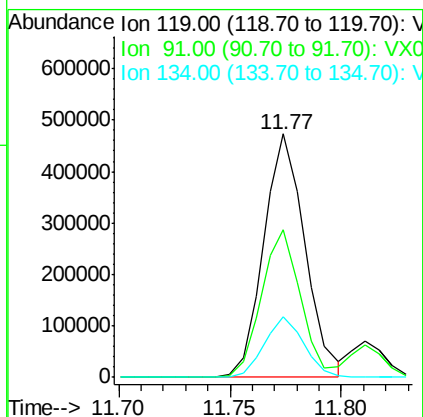
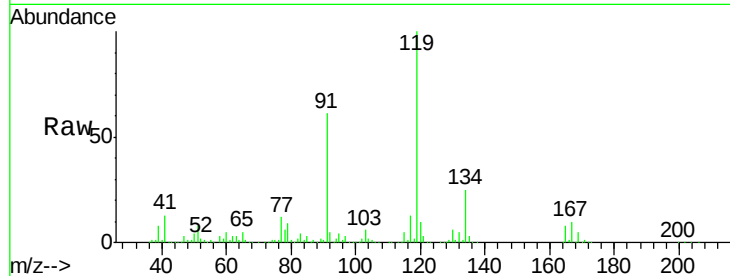




#83
 tert-Butylbenzene
 Concen: 45.98 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002436.D
 Acq: 11 Jun 2018 10:57

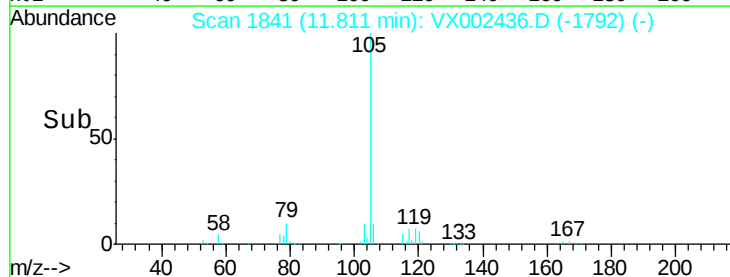
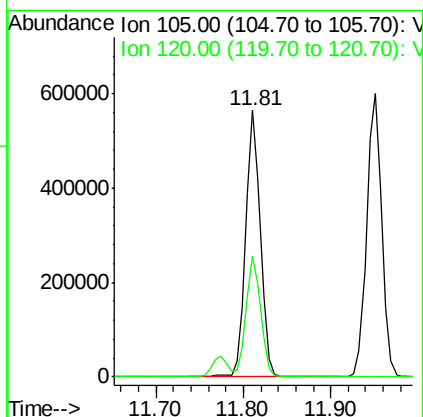
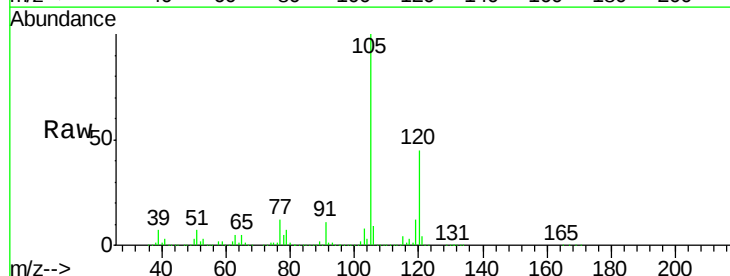
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

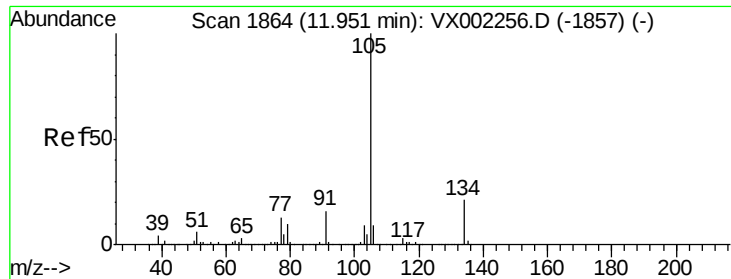
Tot Ion:119 Resp: 609810
 Ion Ratio Lower Upper
 119 100
 91 58.1 30.3 90.9
 134 23.6 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 46.81 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002436.D
 Acq: 11 Jun 2018 10:57

Tgt Ion:105 Resp: 656245
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.3 66.8





#85

sec-Butylbenzene

Concen: 46.67 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002436.D

Acq: 11 Jun 2018 10:57

Instrument :

MSVOA_X

ClientSampleId :

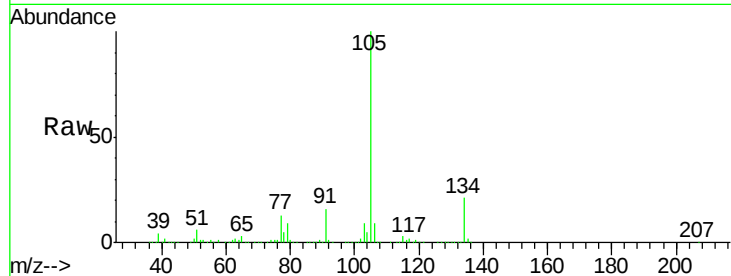
VSTDCCC050

Tot Ion:105 Resp: 725664

Ion Ratio Lower Upper

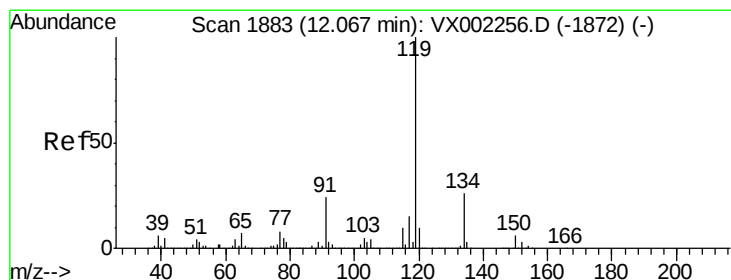
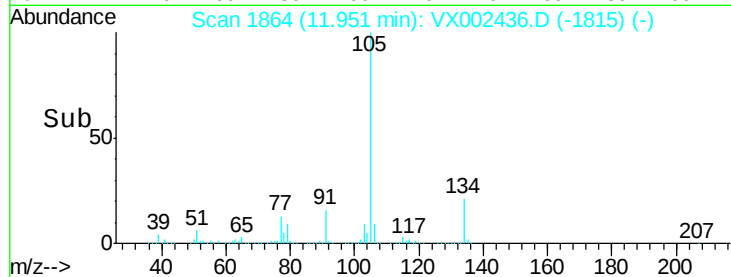
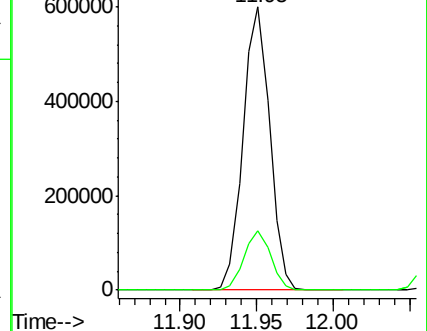
105 100

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: 47.52 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002436.D

Acq: 11 Jun 2018 10:57

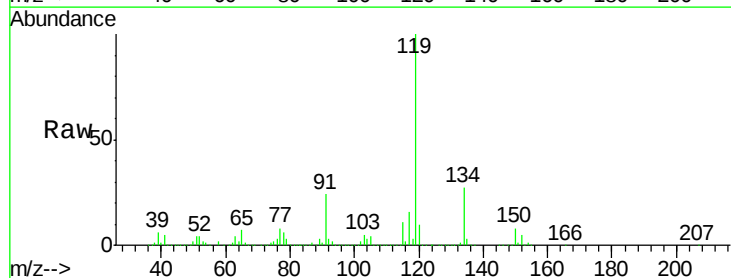
Tgt Ion:119 Resp: 673006

Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.1

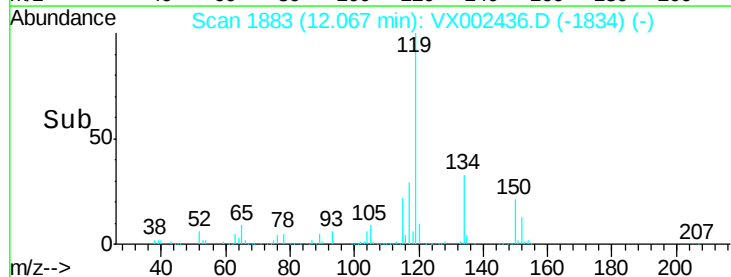
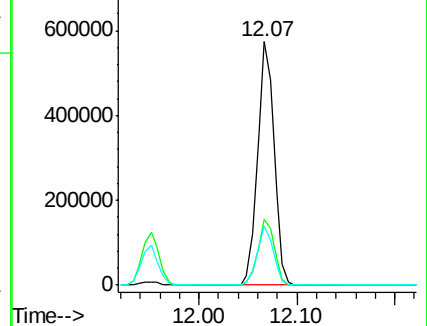
91 23.8 11.9 35.7

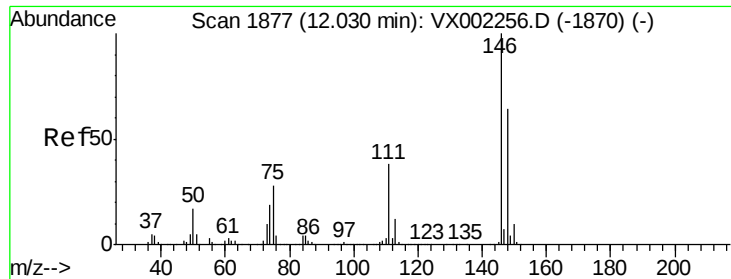


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 48.10 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX002436.D

Acq: 11 Jun 2018 10:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

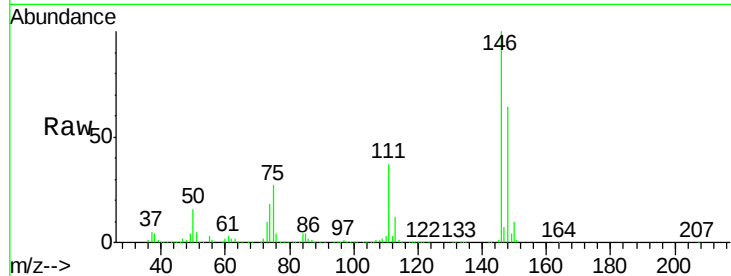
Tot Ion:146 Resp: 383380

Ion Ratio Lower Upper

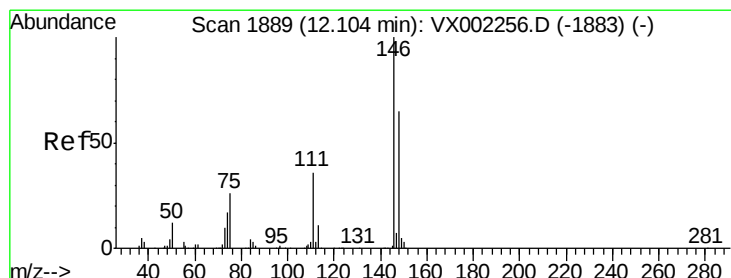
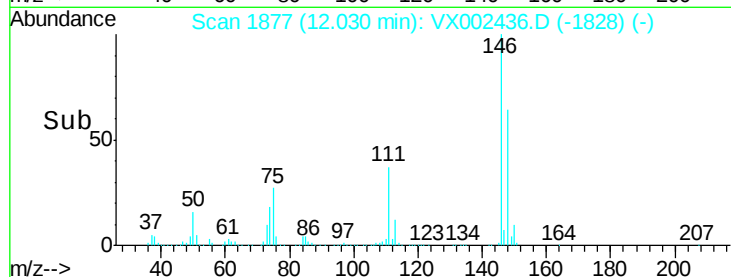
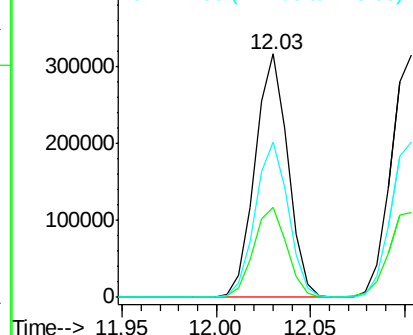
146 100

111 37.6 18.9 56.7

148 64.3 32.1 96.3



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



#88

1,4-Dichlorobenzene

Concen: 47.79 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX002436.D

Acq: 11 Jun 2018 10:57

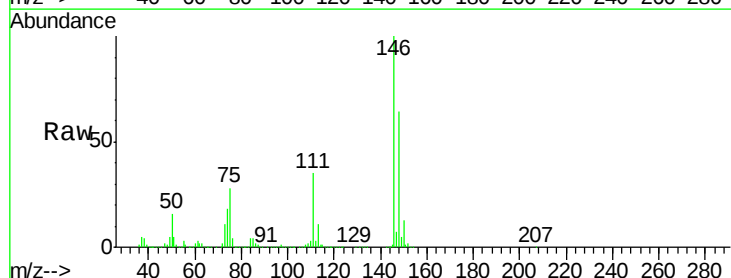
Tgt Ion:146 Resp: 392670

Ion Ratio Lower Upper

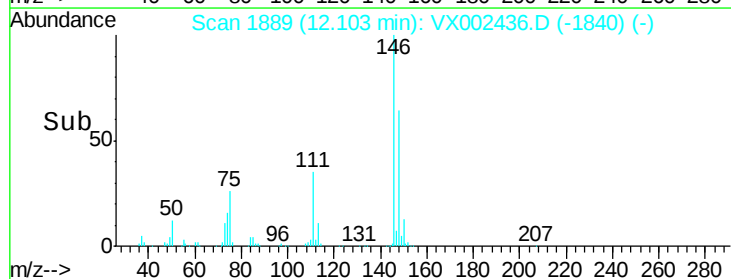
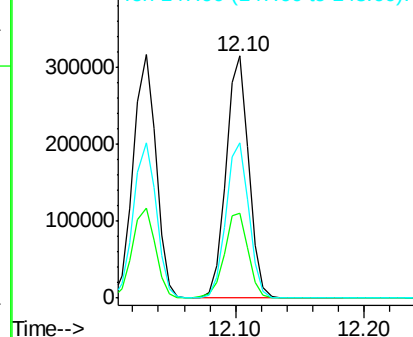
146 100

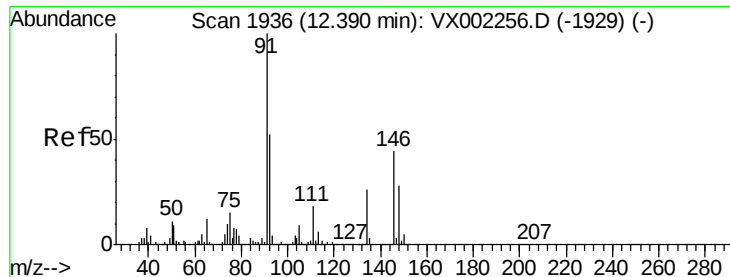
111 36.6 18.7 56.1

148 64.8 32.4 97.0



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





#89

n-Butylbenzene

Concen: 50.12 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX002436.D

Acq: 11 Jun 2018 10:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

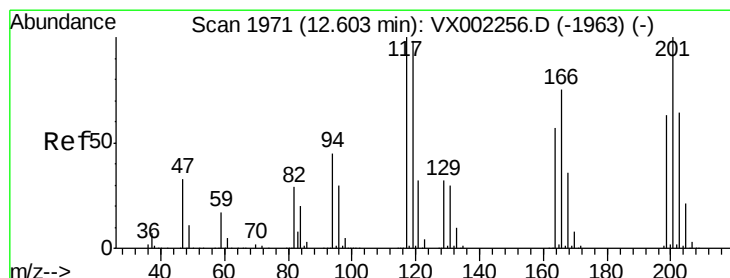
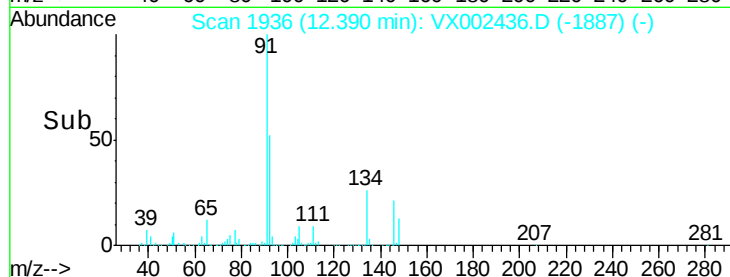
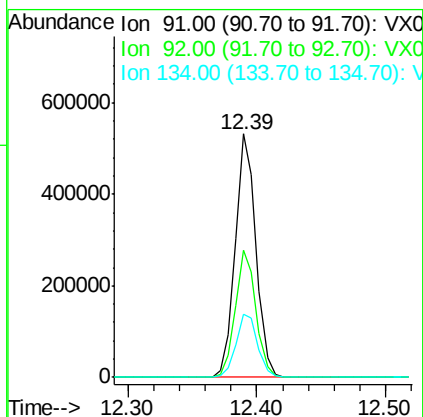
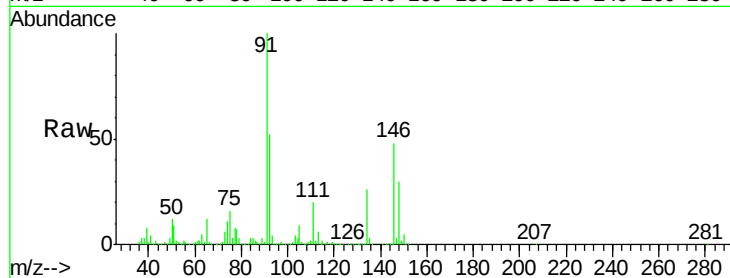
Tot Ion: 91 Resp: 595302

Ion Ratio Lower Upper

91 100

92 51.9 26.0 78.0

134 27.2 13.5 40.5



#90

Hexachloroethane

Concen: 47.14 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX002436.D

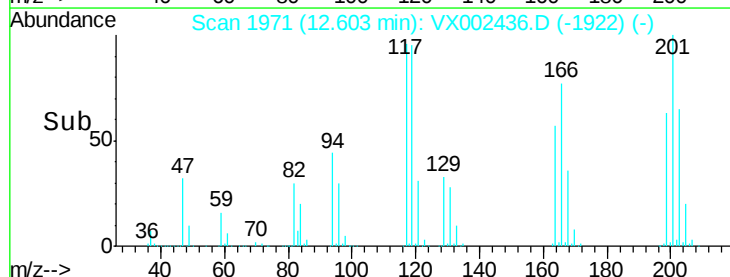
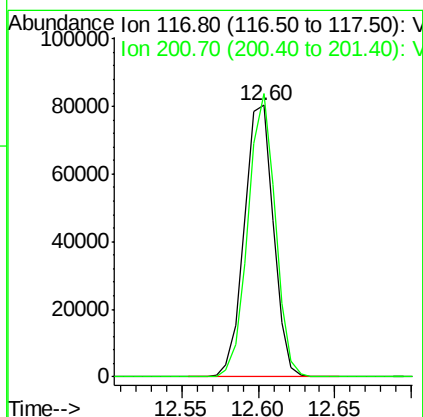
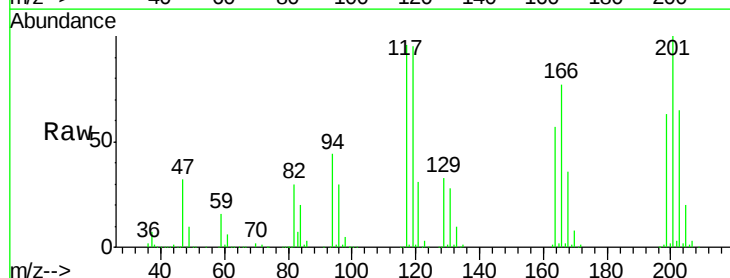
Acq: 11 Jun 2018 10:57

Tgt Ion: 117 Resp: 106582

Ion Ratio Lower Upper

117 100

201 96.9 49.0 147.0





#91

1,2-Dichlorobenzene

Concen: 47.93 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX002436.D

Acq: 11 Jun 2018 10:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

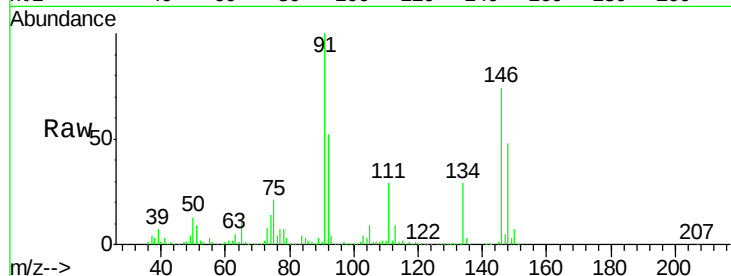
Tot Ion:146 Resp: 395251

Ion Ratio Lower Upper

146 100

111 39.1 19.4 58.1

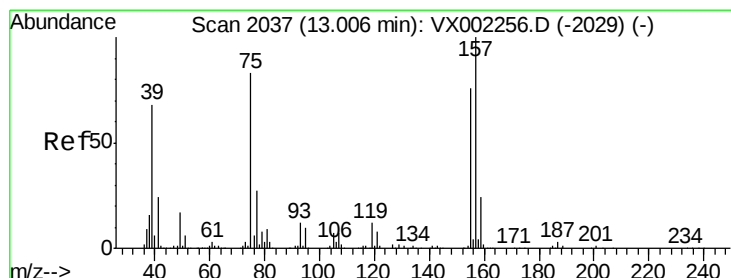
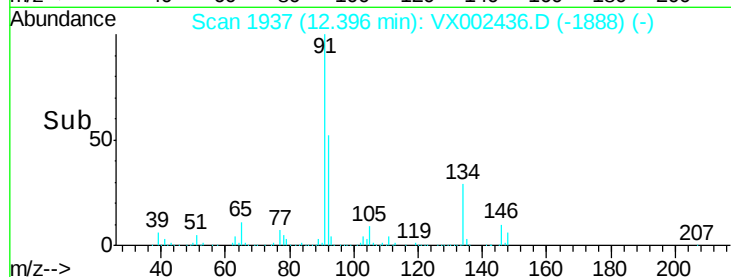
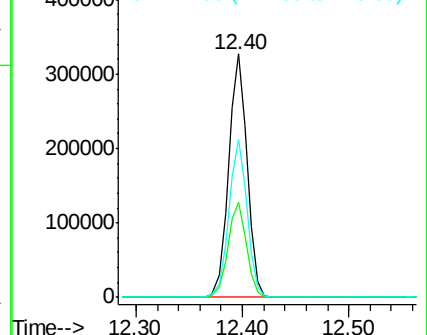
148 64.2 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.65 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. -0.00 min

Lab File: VX002436.D

Acq: 11 Jun 2018 10:57

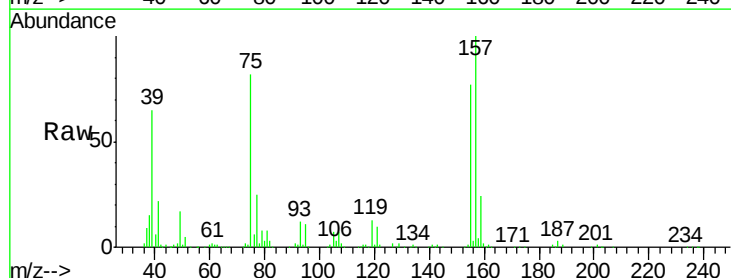
Tgt Ion: 75 Resp: 52039

Ion Ratio Lower Upper

75 100

155 92.3 45.8 137.4

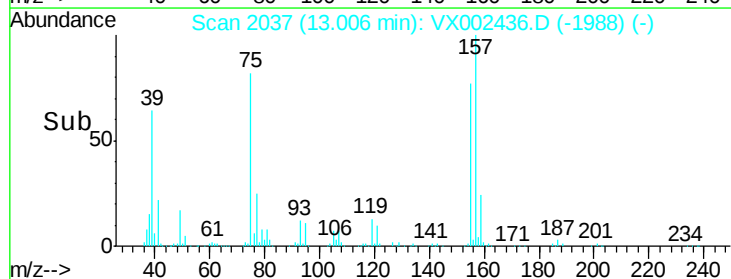
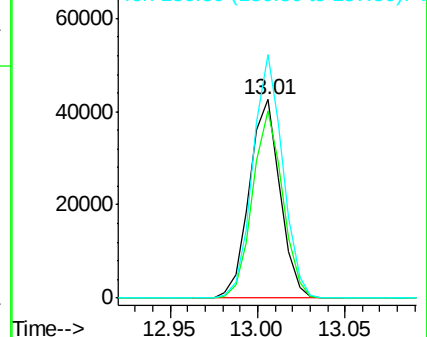
157 119.0 60.1 180.3

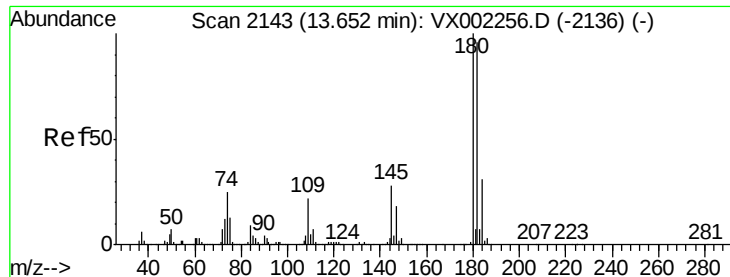


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

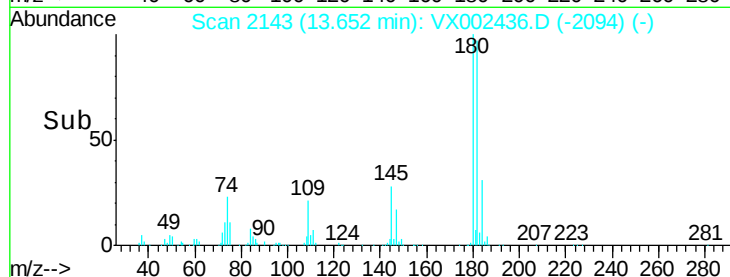
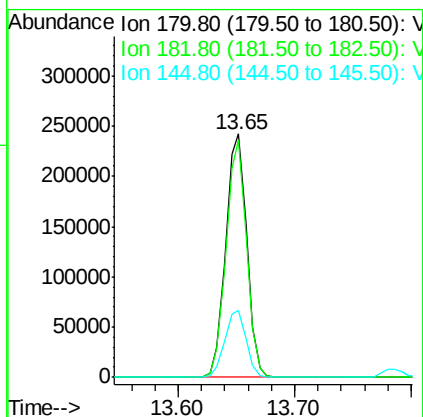
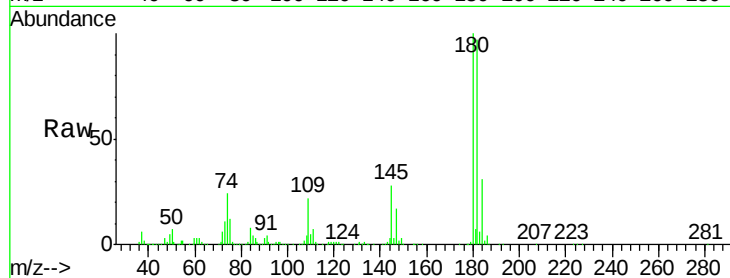




#93
 1,2,4-Trichlorobenzene
 Concen: 52.05 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002436.D
 Acq: 11 Jun 2018 10:57

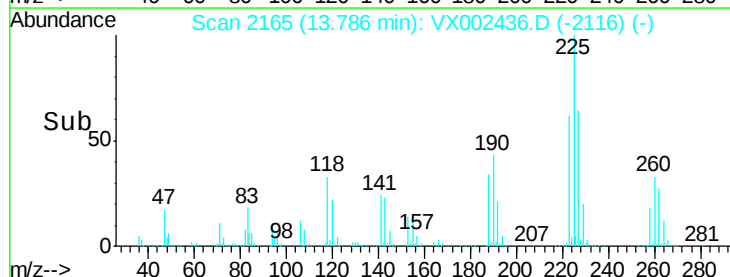
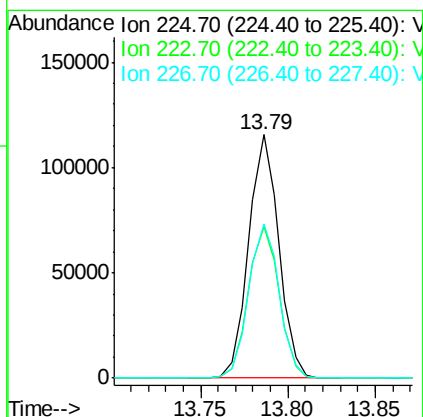
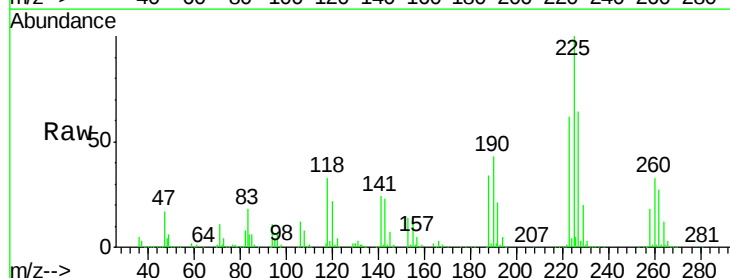
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

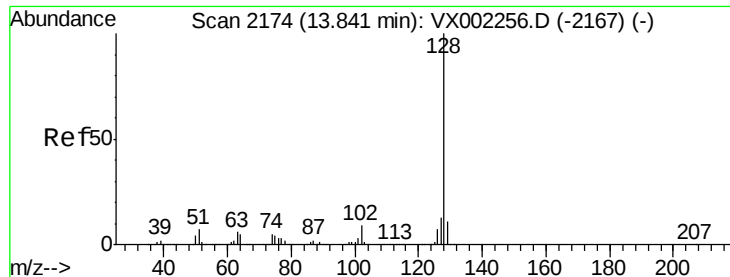
Tot Ion:180 Resp: 300990
 Ion Ratio Lower Upper
 180 100
 182 95.2 47.7 143.1
 145 28.0 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 48.33 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002436.D
 Acq: 11 Jun 2018 10:57

Tgt Ion:225 Resp: 138120
 Ion Ratio Lower Upper
 225 100
 223 63.7 31.6 95.0
 227 64.1 32.4 97.2

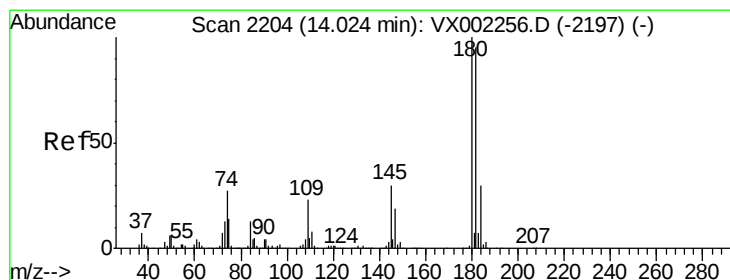
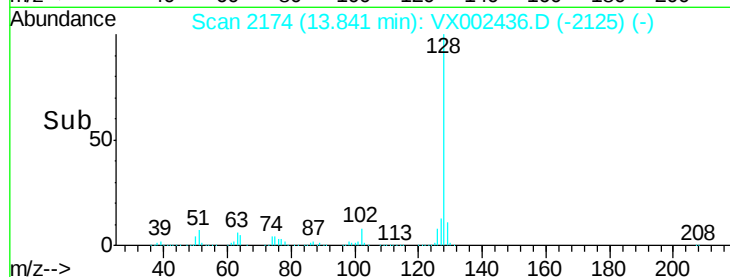
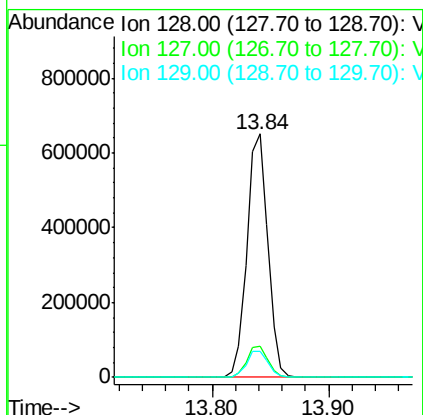
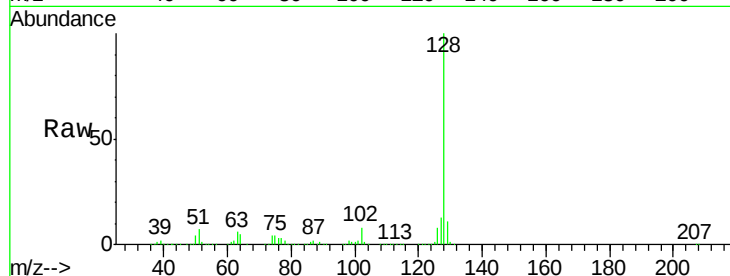




#95
Naphthalene
Concen: 49.08 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX002436.D
Acq: 11 Jun 2018 10:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 815408
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 11.2 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 51.17 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX002436.D
Acq: 11 Jun 2018 10:57

Tgt Ion:180 Resp: 301799
Ion Ratio Lower Upper
180 100
182 95.8 48.0 144.0
145 29.1 14.8 44.3

