

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072318\
 Data File : VX003617.D
 Acq On : 23 Jul 2018 21:23
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 24 01:44:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 17:09:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	266872	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	361162	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	348123	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	219481	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	155289	49.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.32%	
35) Dibromofluoromethane	5.51	113	148126	53.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.70%	
50) Toluene-d8	8.72	98	547867	52.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.98%	
62) 4-Bromofluorobenzene	11.14	95	202699	53.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.44%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	106590	50.314	ug/l	98
3) Chloromethane	1.32	50	137569	52.442	ug/l	99
4) Vinyl Chloride	1.40	62	157051	46.325	ug/l	99
5) Bromomethane	1.64	94	95734	72.080	ug/l	99
6) Chloroethane	1.72	64	97072	48.388	ug/l	99
7) Trichlorofluoromethane	1.92	101	218876	48.392	ug/l	99
8) Diethyl Ether	2.19	74	92092	47.407	ug/l	85
9) 1,1,2-Trichlorotrifluoroet	2.38	101	138723	46.861	ug/l	95
10) Methyl Iodide	2.51	142	196607	55.285	ug/l	92
11) Tert butyl alcohol	3.08	59	172489	275.934	ug/l	100
12) 1,1-Dichloroethene	2.37	96	131149	48.115	ug/l	86
13) Acrolein	2.29	56	47360	167.681	ug/l	97
14) Allyl chloride	2.73	41	223480	46.315	ug/l	86
15) Acrylonitrile	3.15	53	401487	252.270	ug/l	98
16) Acetone	2.45	43	311686	261.207	ug/l #	87
17) Carbon Disulfide	2.57	76	325187	44.114	ug/l	98
18) Methyl Acetate	2.78	43	199299	52.980	ug/l #	89
19) Methyl tert-butyl Ether	3.21	73	461362	51.834	ug/l	99
20) Methylene Chloride	2.86	84	153567	52.680	ug/l	87
21) trans-1,2-Dichloroethene	3.16	96	145406	47.945	ug/l	90
22) Diisopropyl ether	3.88	45	449862	49.547	ug/l #	92
23) Vinyl Acetate	3.83	43	1840440	246.082	ug/l #	94
24) 1,1-Dichloroethane	3.70	63	265346	49.810	ug/l	99
25) 2-Butanone	4.71	43	527521	263.489	ug/l #	90
26) 2,2-Dichloropropane	4.59	77	163095	40.310	ug/l	93
27) cis-1,2-Dichloroethene	4.60	96	169658	50.242	ug/l	96
28) Bromochloromethane	5.03	49	108273	46.500	ug/l #	77
29) Tetrahydrofuran	5.17	42	345166	260.987	ug/l	89
30) Chloroform	5.22	83	270702	52.039	ug/l	95
31) Cyclohexane	5.57	56	221532	46.543	ug/l	94
32) 1,1,1-Trichloroethane	5.50	97	233864	52.500	ug/l	96
36) 1,1-Dichloropropene	5.80	75	194532	49.888	ug/l	96
37) Ethyl Acetate	4.87	43	201970	54.736	ug/l #	94
38) Carbon Tetrachloride	5.78	117	210395	55.008	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	231191	50.059	ug/l	94
40) Benzene	6.15	78	635956	54.018	ug/l	97
41) Methacrylonitrile	5.07	41	112379	51.821	ug/l #	89
42) 1,2-Dichloroethane	6.20	62	198297	53.458	ug/l	93
43) Isopropyl Acetate	6.47	43	316523	53.926	ug/l #	92
44) Trichloroethene	7.22	130	187701	53.461	ug/l	94
45) 1,2-Dichloropropane	7.52	63	159487	53.351	ug/l	99
46) Dibromomethane	7.67	93	105431	54.781	ug/l	91
47) Bromodichloromethane	7.90	83	200631	56.944	ug/l	98
48) Methyl methacrylate	7.78	41	162835	55.012	ug/l #	81
49) 1,4-Dioxane	7.76	88	78456	1169.806	ug/l #	92
51) 4-Methyl-2-Pentanone	8.65	43	1057697	285.237	ug/l	90
52) Toluene	8.79	92	398374	53.757	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	235266	54.251	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	213318	54.698	ug/l #	87
55) 1,1,2-Trichloroethane	9.22	97	165494	56.121	ug/l	98
56) Ethyl methacrylate	9.18	69	240184	57.827	ug/l #	80
57) 1,3-Dichloropropane	9.38	76	263265	55.230	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	513149	254.080	ug/l	94
59) 2-Hexanone	9.50	43	793829	288.936	ug/l	86
60) Dibromochloromethane	9.59	129	174613	59.823	ug/l	99
61) 1,2-Dibromoethane	9.68	107	171524	56.110	ug/l	100
64) Tetrachloroethene	9.34	164	227941	53.741	ug/l	99
65) Chlorobenzene	10.14	112	465022	51.845	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	172445	55.879	ug/l	100
67) Ethyl Benzene	10.26	91	764813	53.033	ug/l	99
68) m/p-Xylenes	10.36	106	606996	107.360	ug/l	94
69) o-Xylene	10.70	106	295020	53.961	ug/l	94
70) Styrene	10.71	104	503707	56.011	ug/l	96
71) Bromoform	10.86	173	142850	59.576	ug/l	99
73) Isopropylbenzene	11.02	105	789827	52.033	ug/l	99
74) N-amyl acetate	6.47	43	316523	49.109	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	11.27	83	233387	52.468	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	270357	68.568	ug/l	80
77) Bromobenzene	11.26	156	223869	51.278	ug/l	94
78) n-propylbenzene	11.37	91	875290	51.875	ug/l	97
79) 2-Chlorotoluene	11.43	91	522122	50.973	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	657583	52.713	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	64424	46.576	ug/l	85
82) 4-Chlorotoluene	11.51	91	606325	50.517	ug/l	96
83) tert-Butylbenzene	11.77	119	642670	52.605	ug/l	95
84) 1,2,4-Trimethylbenzene	11.81	105	675549	53.219	ug/l	97
85) sec-Butylbenzene	11.95	105	776623	52.337	ug/l	98
86) p-Isopropyltoluene	12.07	119	708344	53.191	ug/l	97
87) 1,3-Dichlorobenzene	12.03	146	404736	50.433	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	405719	49.077	ug/l	99
89) n-Butylbenzene	12.39	91	576105	50.946	ug/l	97
90) Hexachloroethane	12.60	117	100602	53.142	ug/l	92
91) 1,2-Dichlorobenzene	12.40	146	407986	51.582	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	48250	55.738	ug/l	80

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Quant Title : SW846 8260
QLast Update : Thu Jul 19 17:09:44 2018
Response via : Initial Calibration

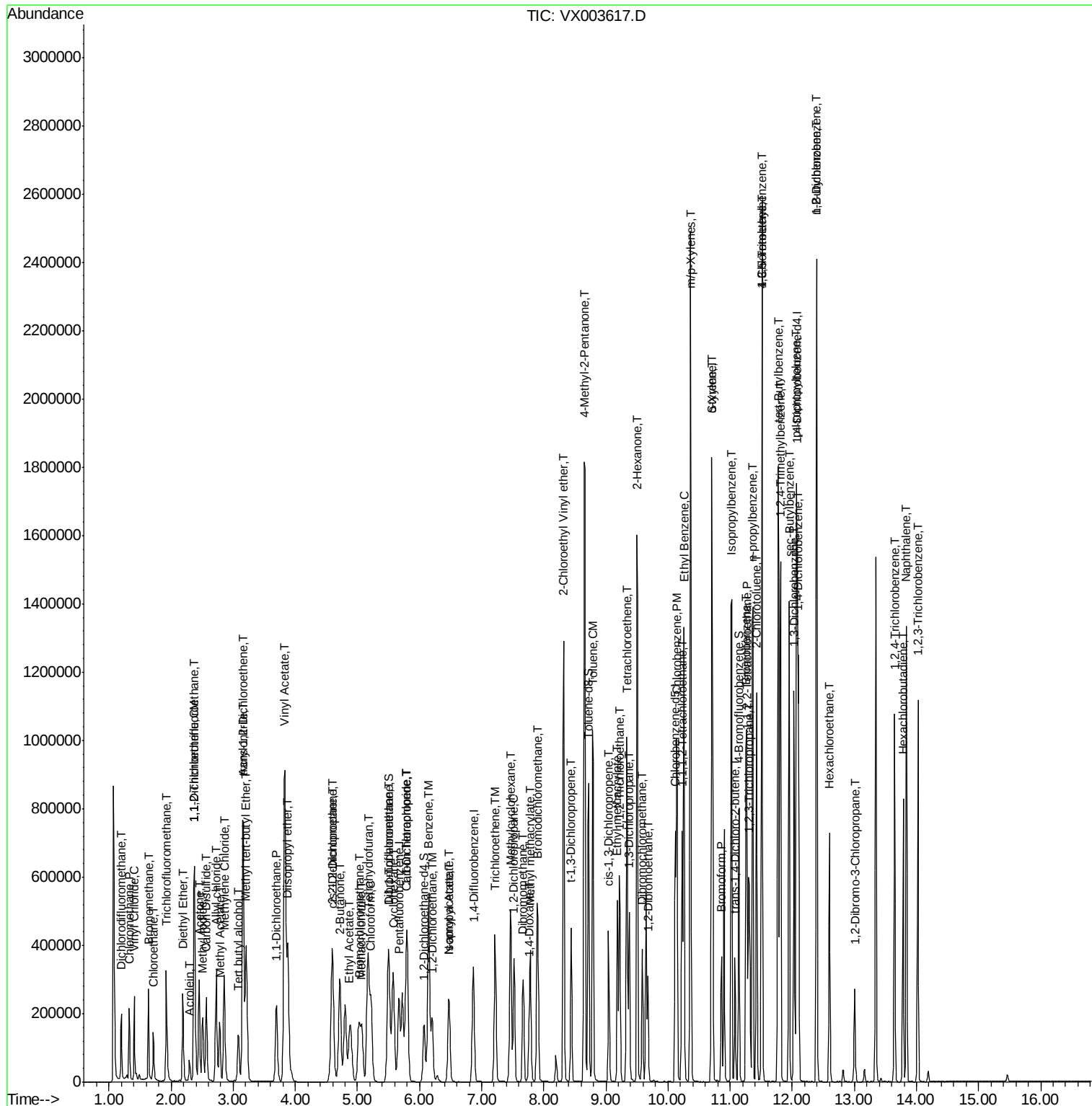
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	298877	51.559	ug/l	100
94) Hexachlorobutadiene	13.79	225	144124	51.697	ug/l	98
95) Naphthalene	13.83	128	849935	55.798	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	307446	53.576	ug/l	100

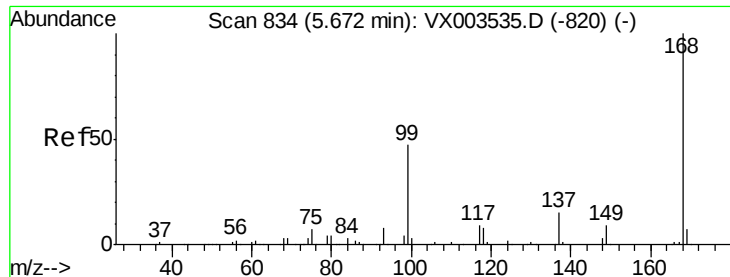
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003617.D

Acq: 23 Jul 2018 21:23

Instrument :

MSVOA_X

ClientSampleId :

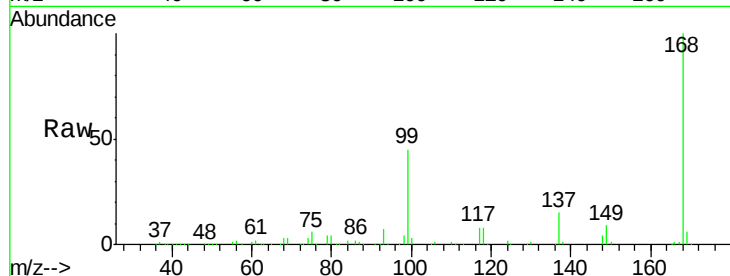
VSTDCCC050

Tgt Ion:168 Resp: 266872

Ion Ratio Lower Upper

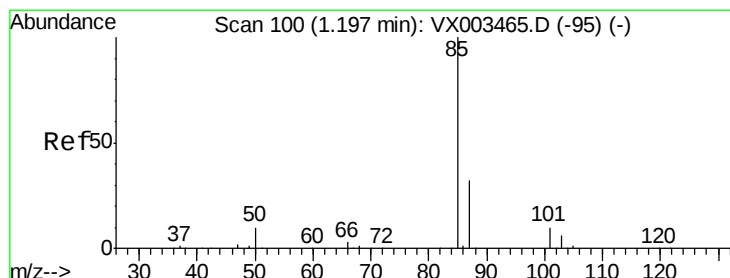
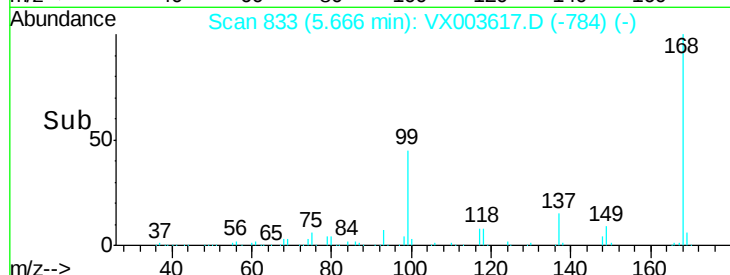
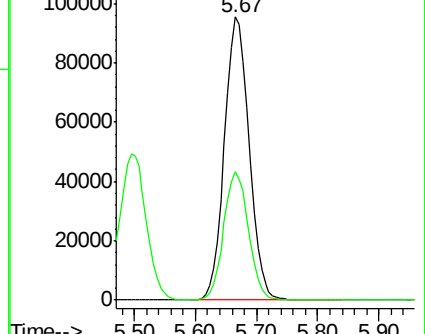
168 100

99 45.3 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: 50.314 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003617.D

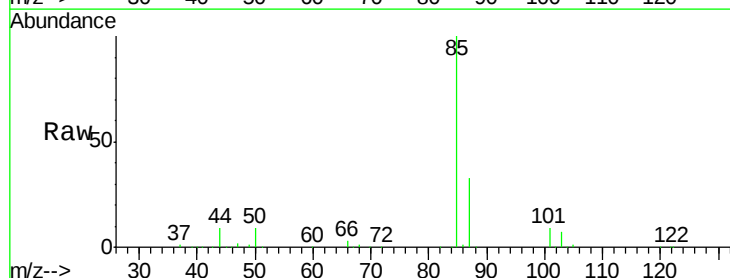
Acq: 23 Jul 2018 21:23

Tgt Ion: 85 Resp: 106590

Ion Ratio Lower Upper

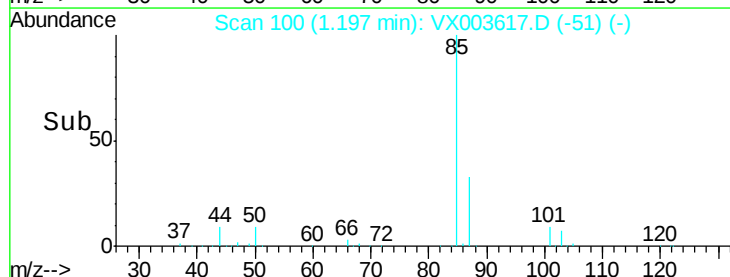
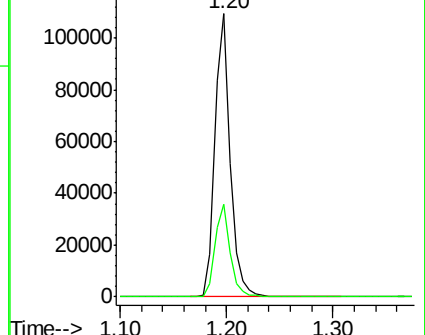
85 100

87 32.8 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 52.442 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003617.D

Acq: 23 Jul 2018 21:23

Instrument :

MSVOA_X

ClientSampleId :

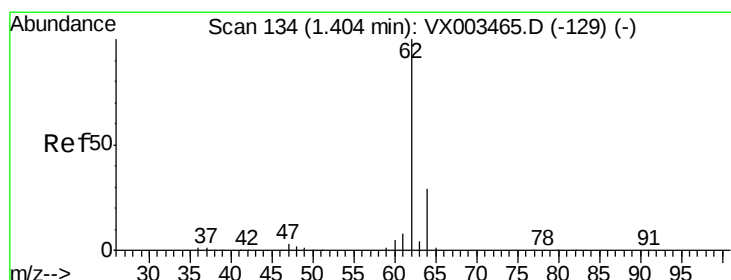
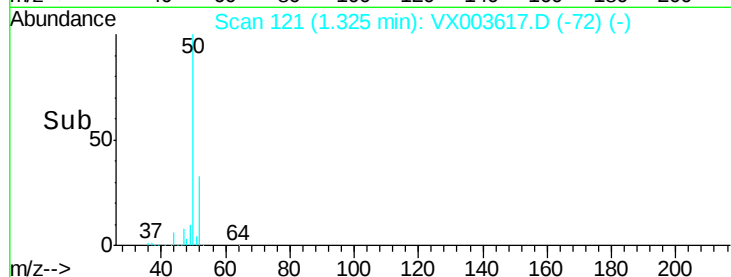
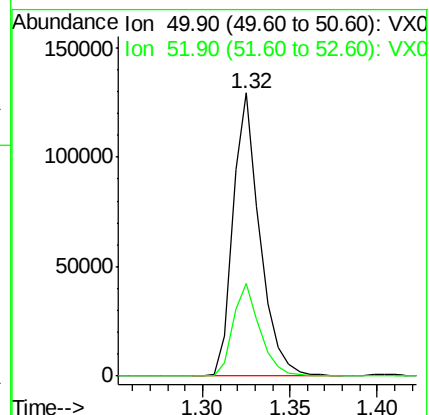
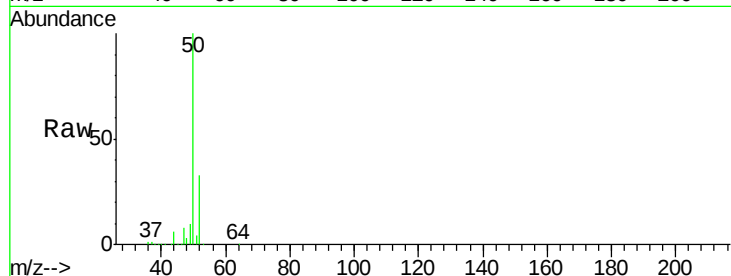
VSTDCCC050

Tgt Ion: 50 Resp: 137569

Ion Ratio Lower Upper

50 100

52 32.9 25.7 38.5



#4

Vinyl Chloride

Concen: 46.325 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003617.D

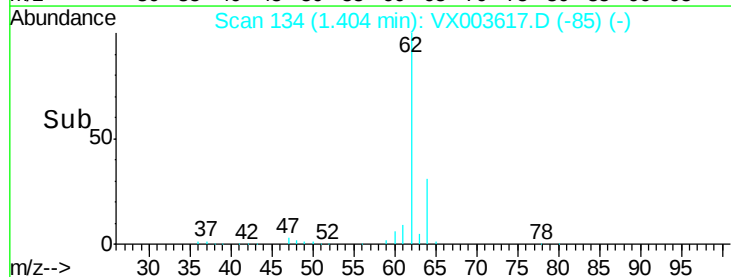
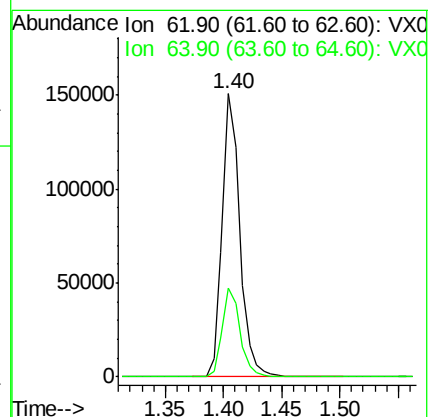
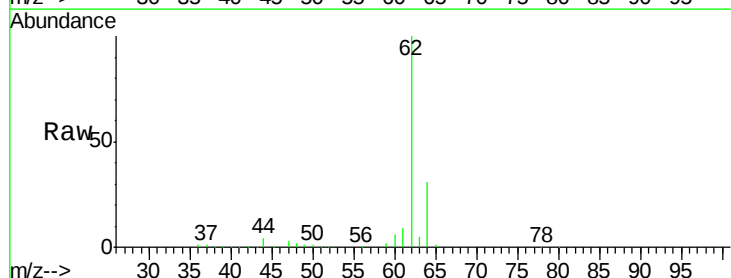
Acq: 23 Jul 2018 21:23

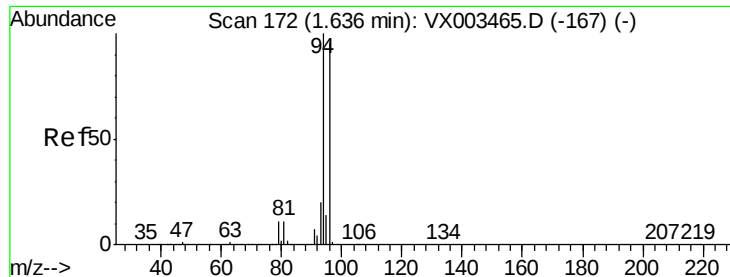
Tgt Ion: 62 Resp: 157051

Ion Ratio Lower Upper

62 100

64 31.4 25.4 38.2





#5

Bromomethane

Concen: 72.080 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003617.D

Acq: 23 Jul 2018 21:23

Instrument :

MSVOA_X

ClientSampleId :

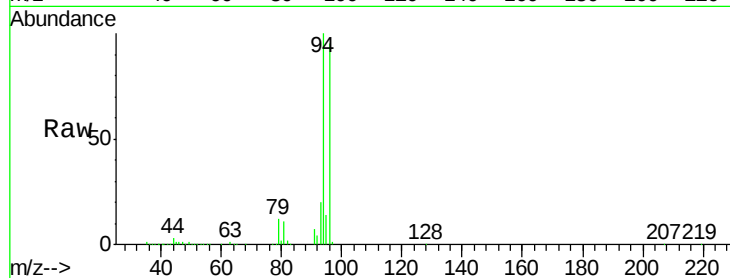
VSTDCCC050

Tgt Ion: 94 Resp: 95734

Ion Ratio Lower Upper

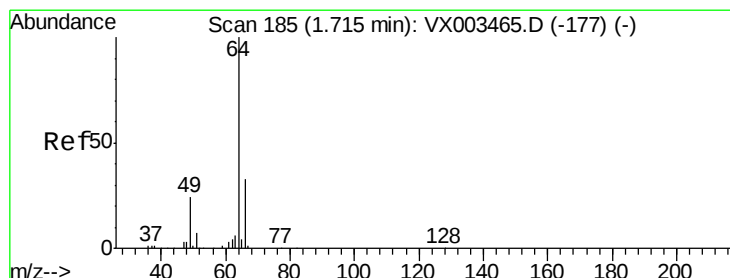
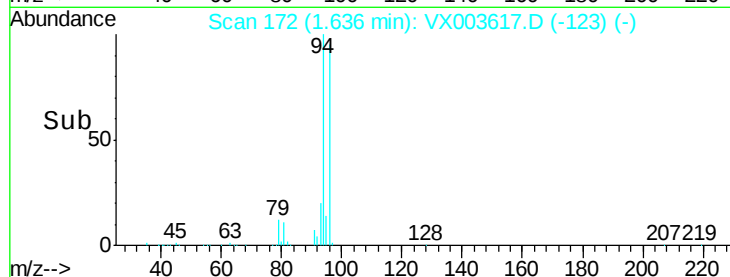
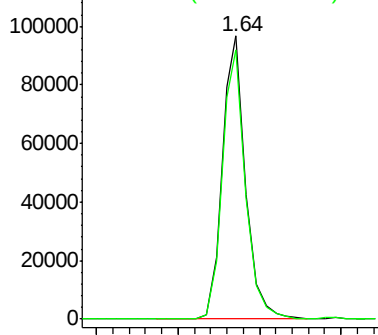
94 100

96 95.0 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: 48.388 ug/l

RT: 1.72 min Scan# 185

Delta R.T. 0.00 min

Lab File: VX003617.D

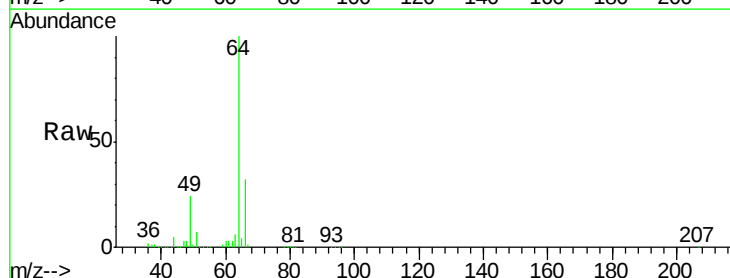
Acq: 23 Jul 2018 21:23

Tgt Ion: 64 Resp: 97072

Ion Ratio Lower Upper

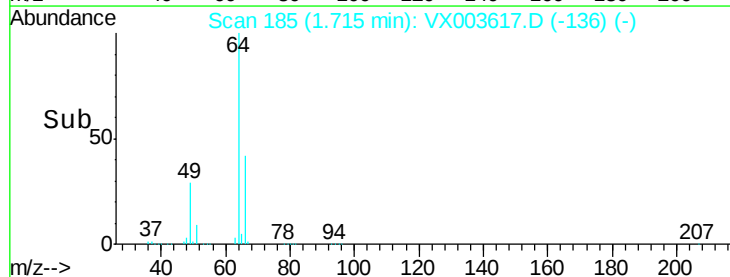
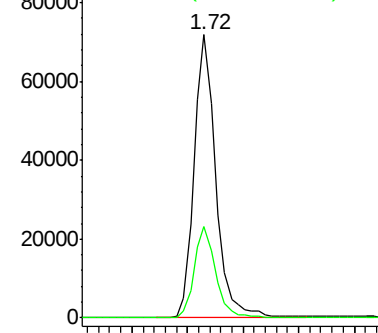
64 100

66 32.3 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



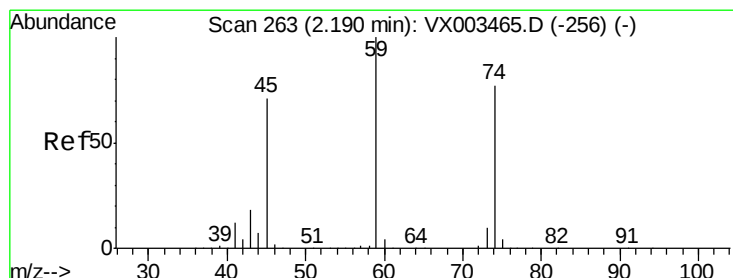
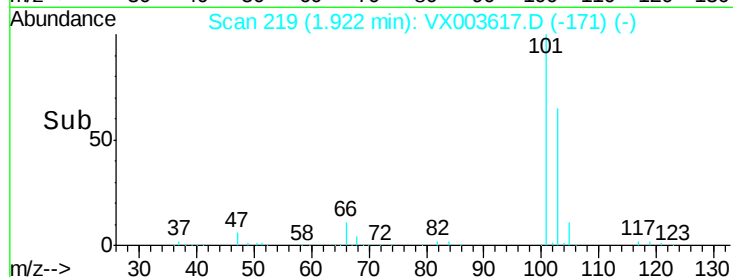
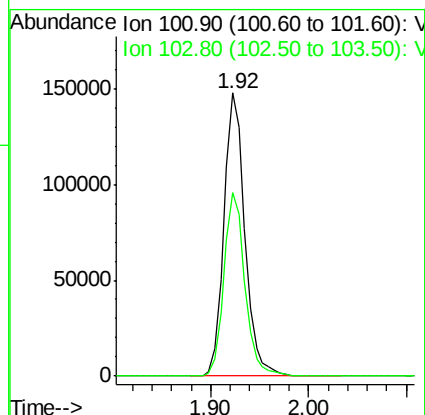
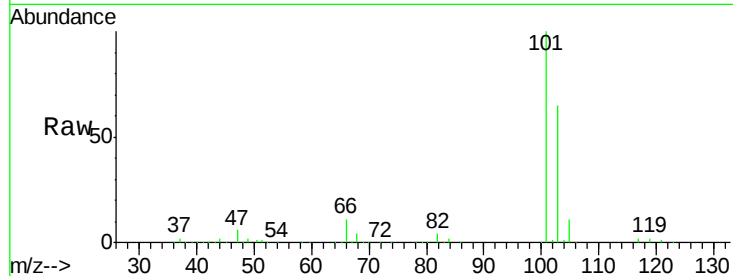


#7

Trichlorofluoromethane
 Concen: 48.392 ug/l
 RT: 1.92 min Scan# 219
 Delta R.T. -0.01 min
 Lab File: VX003617.D
 Acq: 23 Jul 2018 21:23

Instrument :
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 VSTDCCC050

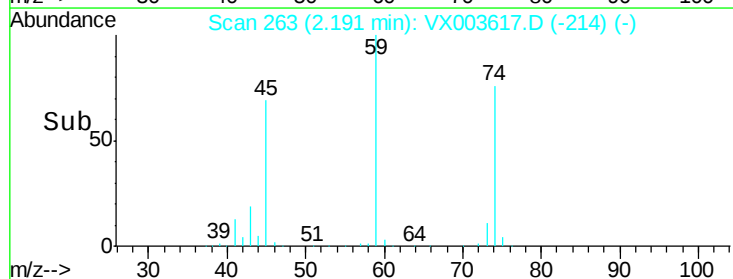
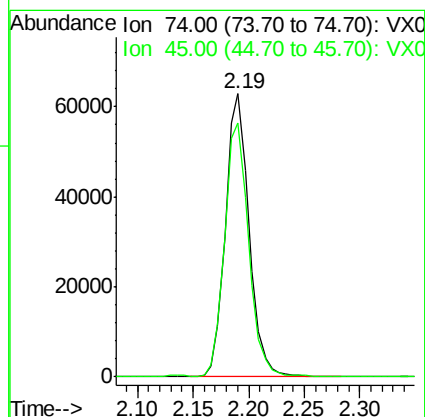
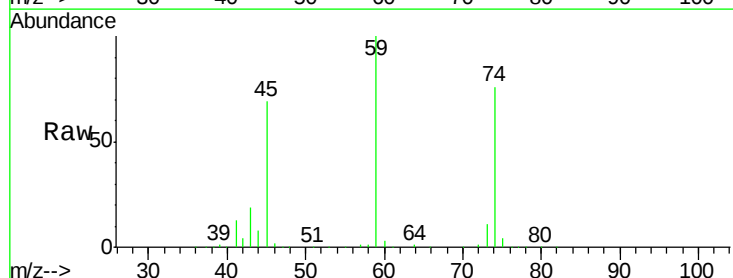
Tgt Ion: 101 Resp: 218876
 Ion Ratio Lower Upper
 101 100
 103 64.9 52.8 79.2

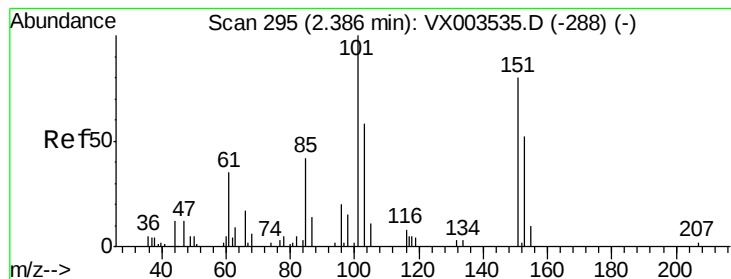


#8

Diethyl Ether
 Concen: 47.407 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX003617.D
 Acq: 23 Jul 2018 21:23

Tgt Ion: 74 Resp: 92092
 Ion Ratio Lower Upper
 74 100
 45 91.2 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.861 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.00 min

Lab File: VX003617.D

Acq: 23 Jul 2018 21:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

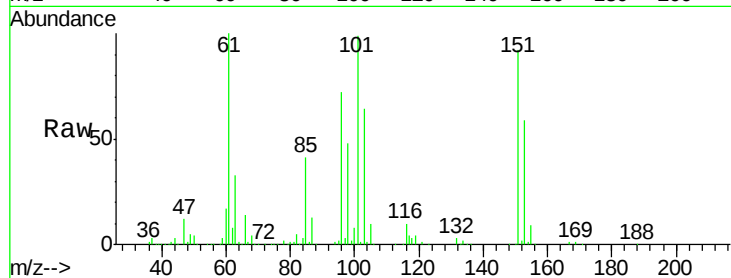
Tgt Ion:101 Resp: 138723

Ion Ratio Lower Upper

101 100

85 40.9 36.0 54.0

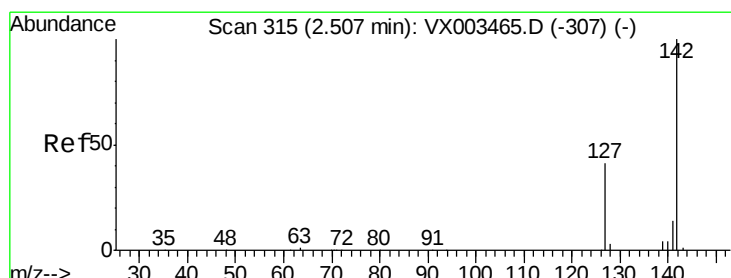
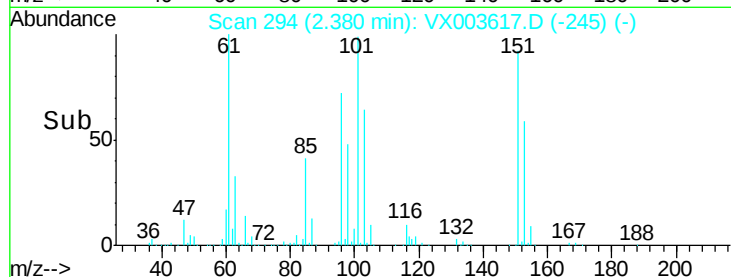
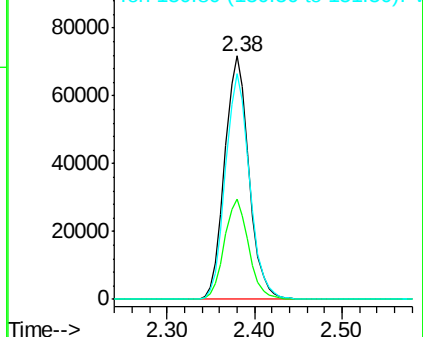
151 92.2 70.9 106.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 55.285 ug/l

RT: 2.51 min Scan# 315

Delta R.T. 0.00 min

Lab File: VX003617.D

Acq: 23 Jul 2018 21:23

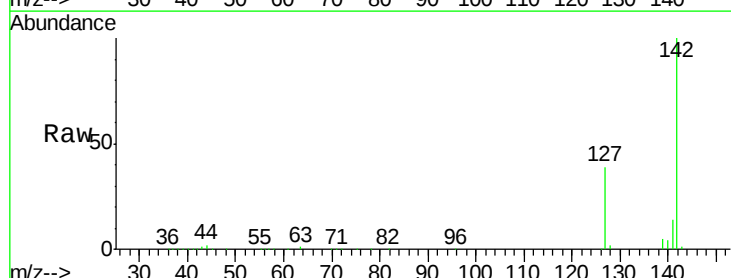
Tgt Ion:142 Resp: 196607

Ion Ratio Lower Upper

142 100

127 38.8 36.6 55.0

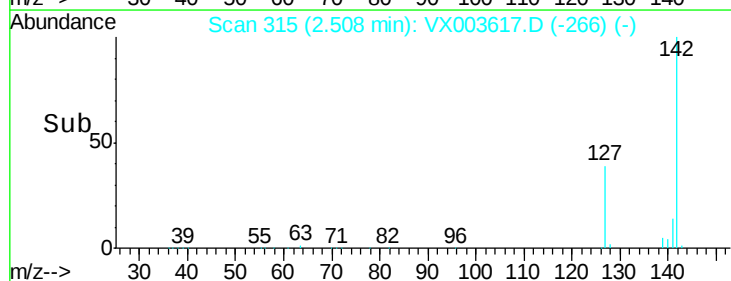
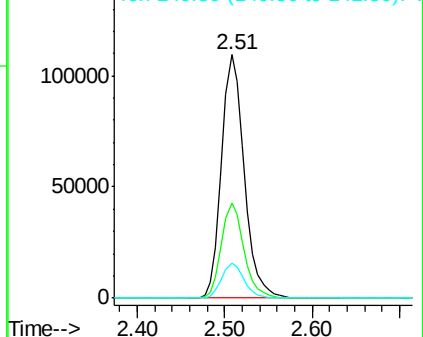
141 14.2 11.3 16.9

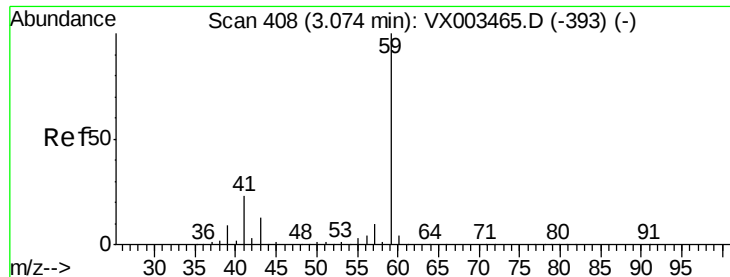


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

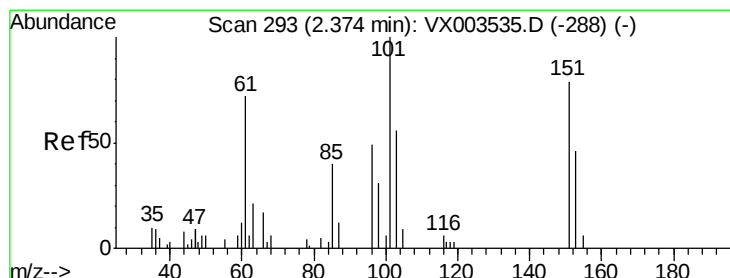
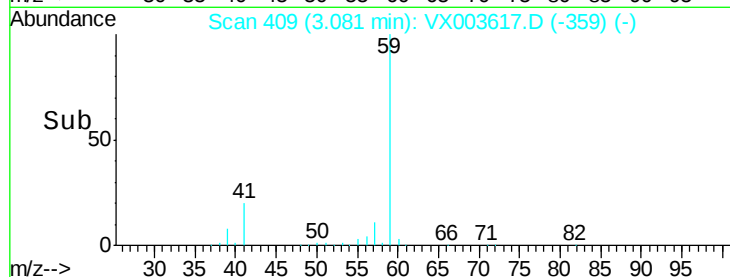
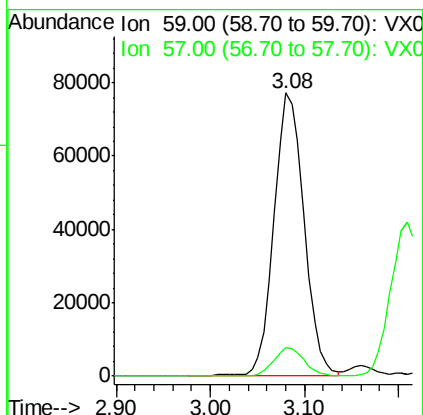
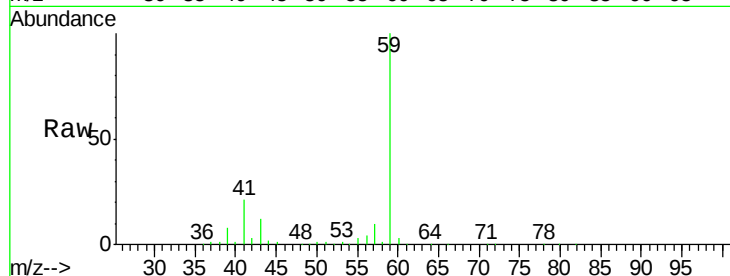




#11
Tert butyl alcohol
Concen: 275.934 ug/l
RT: 3.08 min Scan# 409
Delta R.T. 0.01 min
Lab File: VX003617.D
Acq: 23 Jul 2018 21:23

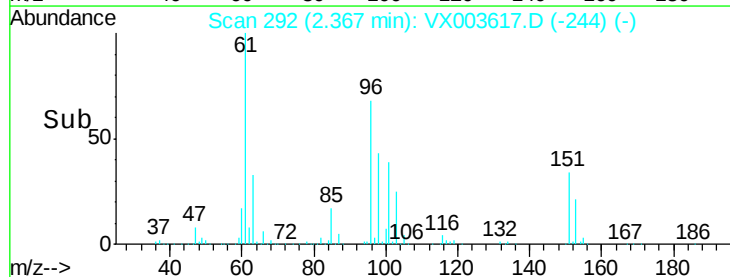
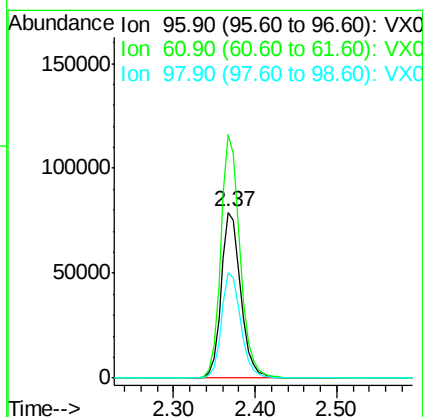
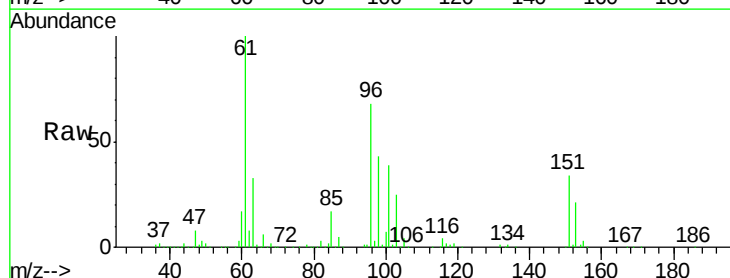
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

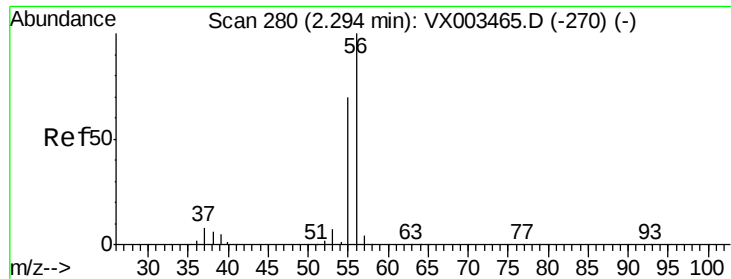
Tgt Ion: 59 Resp: 172489
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.2



#12
1,1-Dichloroethene
Concen: 48.115 ug/l
RT: 2.37 min Scan# 292
Delta R.T. -0.01 min
Lab File: VX003617.D
Acq: 23 Jul 2018 21:23

Tgt Ion: 96 Resp: 131149
Ion Ratio Lower Upper
96 100
61 146.8 137.9 206.9
98 63.9 51.6 77.4





#13

Acrolein

Concen: 167.681 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003617.D

Acq: 23 Jul 2018 21:23

Instrument :

MSVOA_X

ClientSampleId :

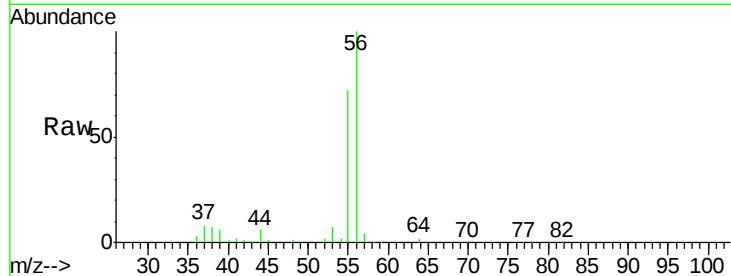
VSTDCCC050

Tgt Ion: 56 Resp: 47360

Ion Ratio Lower Upper

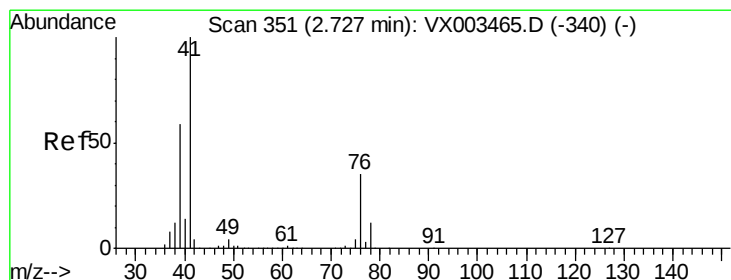
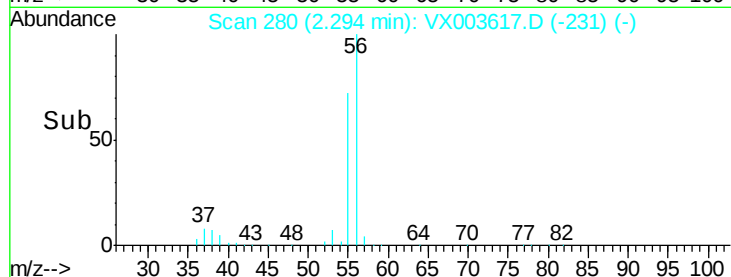
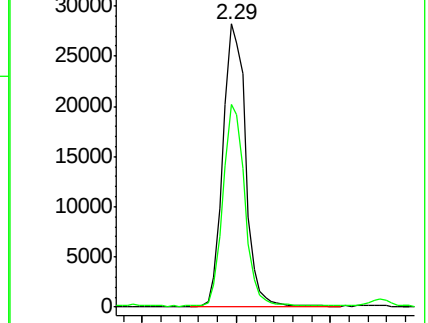
56 100

55 68.6 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: 46.315 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX003617.D

Acq: 23 Jul 2018 21:23

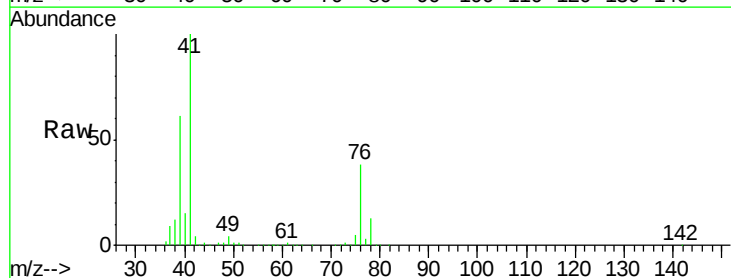
Tgt Ion: 41 Resp: 223480

Ion Ratio Lower Upper

41 100

39 58.0 56.8 85.2

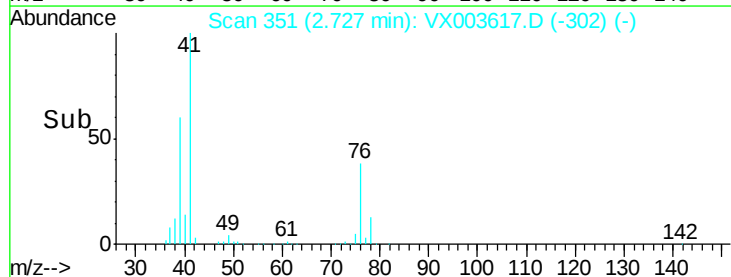
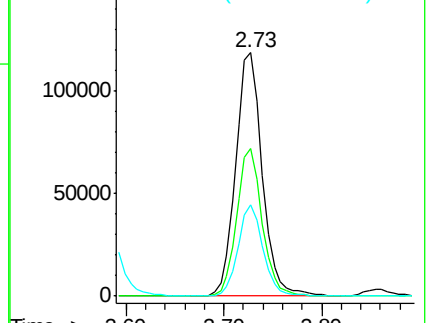
76 35.3 23.8 35.8



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: 252.270 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX003617.D

Acq: 23 Jul 2018 21:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

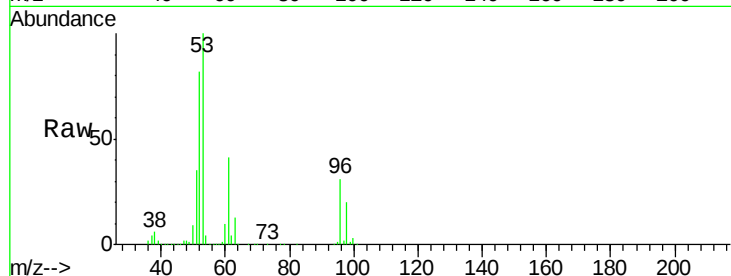
Tgt Ion: 53 Resp: 401487

Ion Ratio Lower Upper

53 100

52 82.5 66.7 100.1

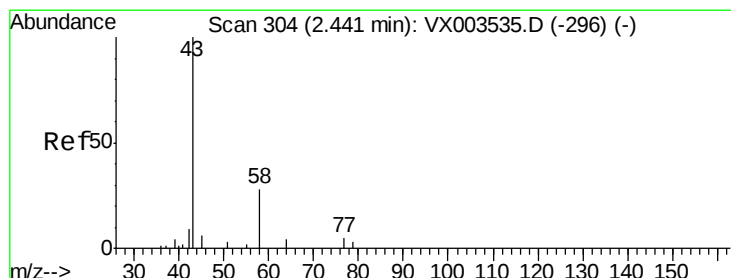
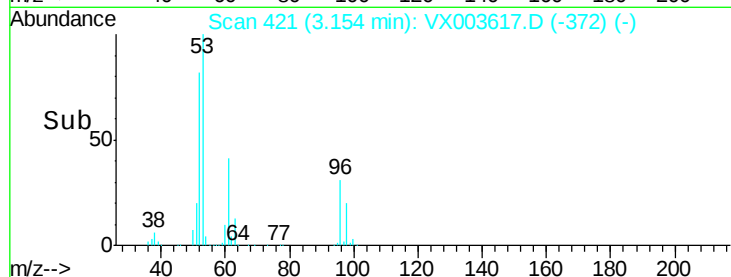
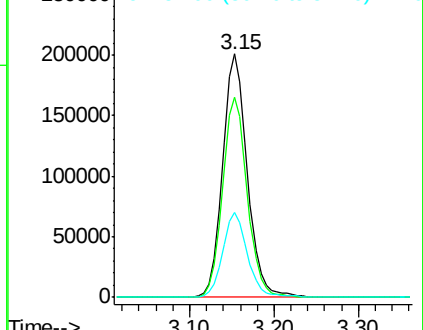
51 35.1 29.9 44.9



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: 261.207 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX003617.D

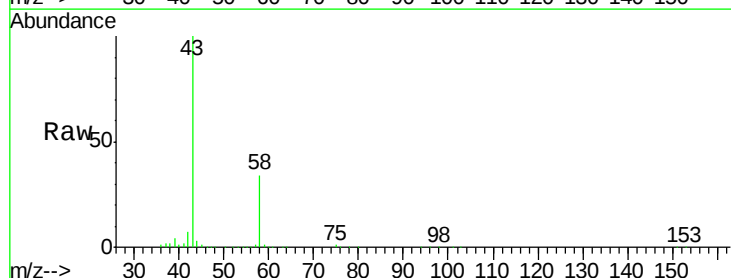
Acq: 23 Jul 2018 21:23

Tgt Ion: 43 Resp: 311686

Ion Ratio Lower Upper

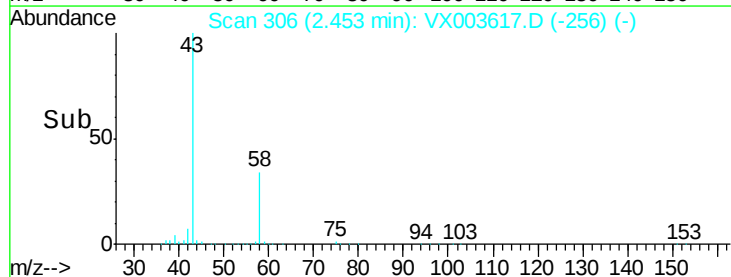
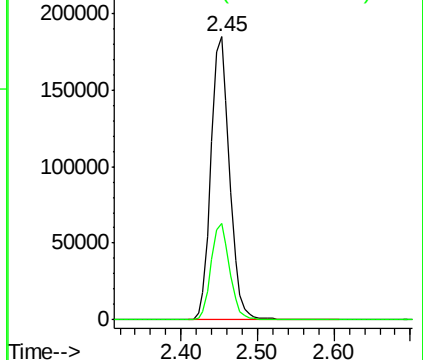
43 100

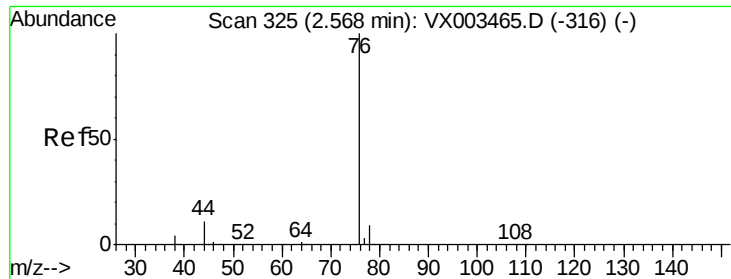
58 34.3 22.1 33.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

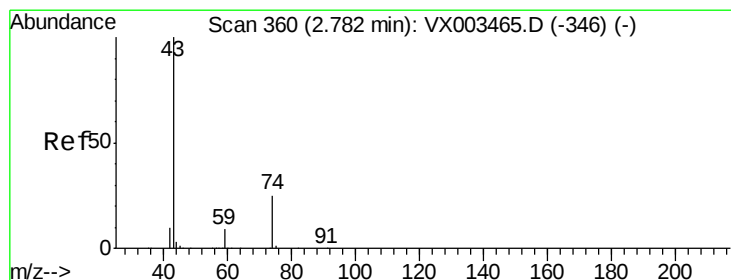
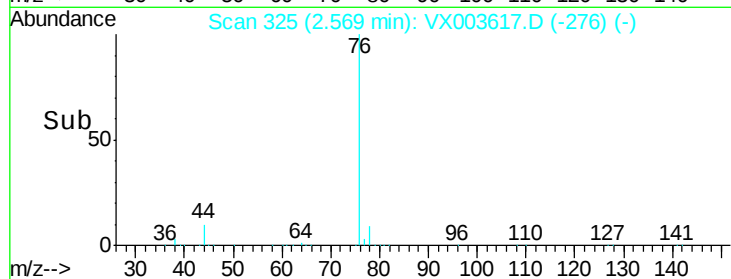
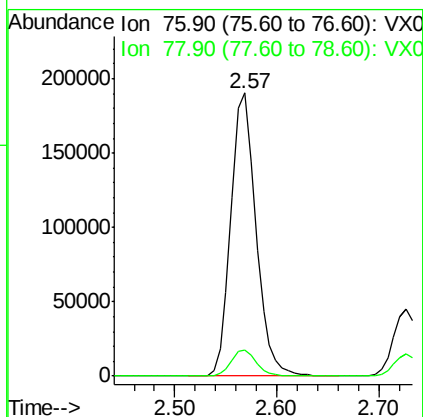
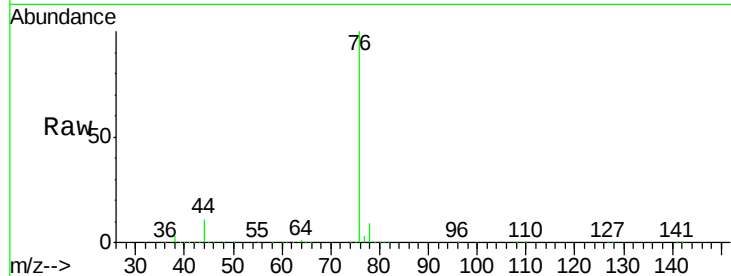




#17
Carbon Disulfide
Concen: 44.114 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX003617.D
Acq: 23 Jul 2018 21:23

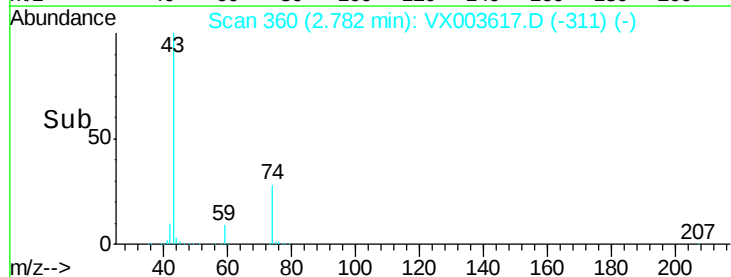
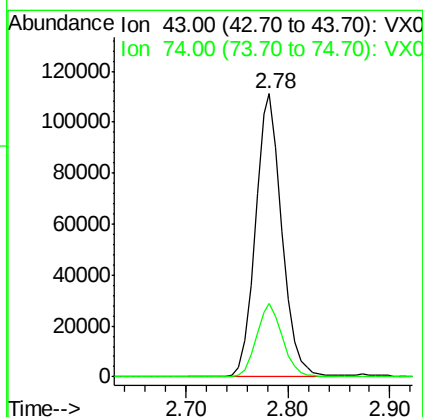
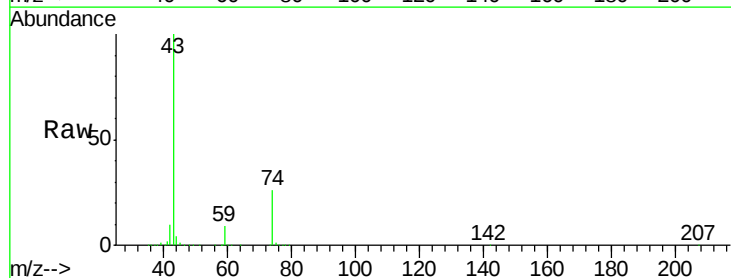
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

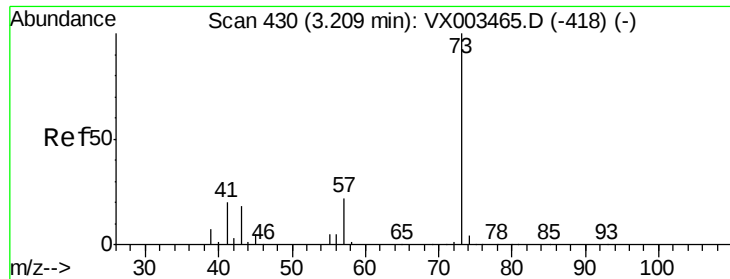
Tgt Ion: 76 Resp: 325187
Ion Ratio Lower Upper
76 100
78 9.3 6.9 10.3



#18
Methyl Acetate
Concen: 52.980 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003617.D
Acq: 23 Jul 2018 21:23

Tgt Ion: 43 Resp: 199299
Ion Ratio Lower Upper
43 100
74 25.8 16.7 25.1#



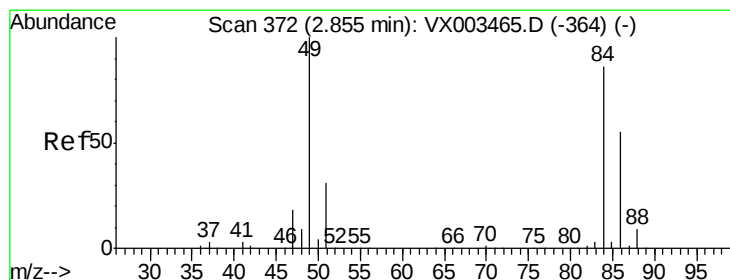
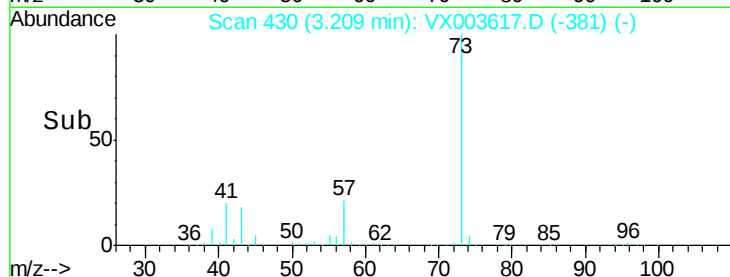
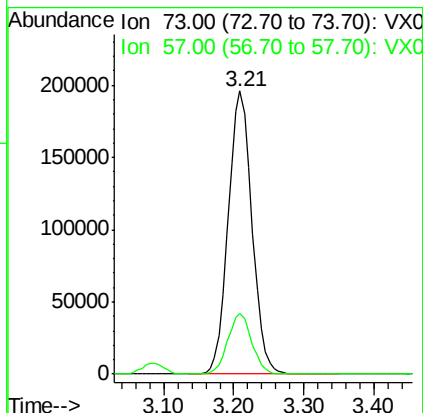
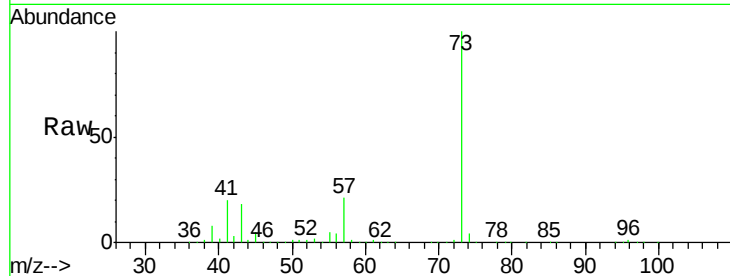


#19

Methyl tert-butyl Ether
 Concen: 51.834 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. 0.00 min
 Lab File: VX003617.D
 Acq: 23 Jul 2018 21:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

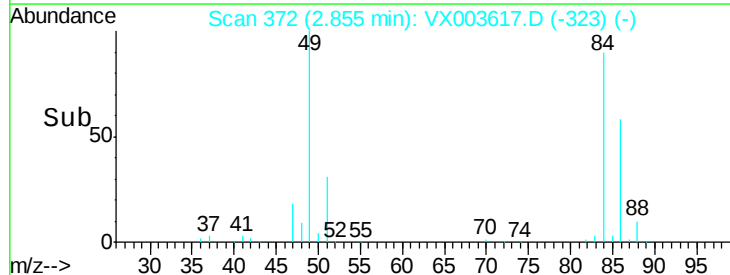
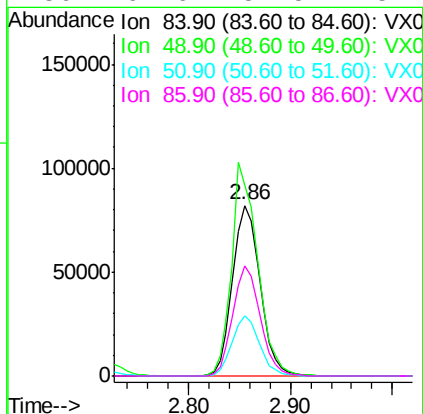
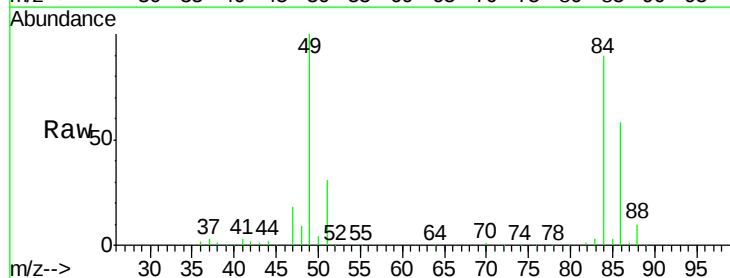
Tgt Ion: 73 Resp: 461362
 Ion Ratio Lower Upper
 73 100
 57 21.4 17.7 26.5

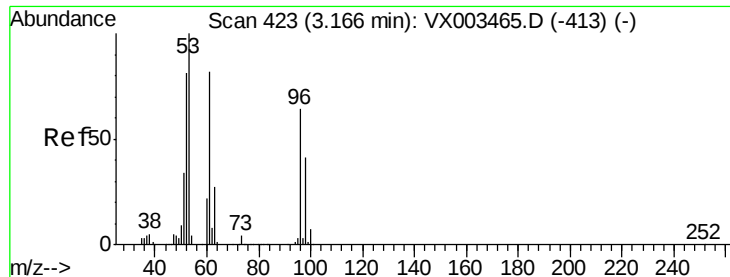


#20

Methylene Chloride
 Concen: 52.680 ug/l
 RT: 2.86 min Scan# 372
 Delta R.T. 0.00 min
 Lab File: VX003617.D
 Acq: 23 Jul 2018 21:23

Tgt Ion: 84 Resp: 153567
 Ion Ratio Lower Upper
 84 100
 49 111.6 107.8 161.6
 51 35.0 32.8 49.2
 86 64.6 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 47.945 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.01 min

Lab File: VX003617.D

Acq: 23 Jul 2018 21:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

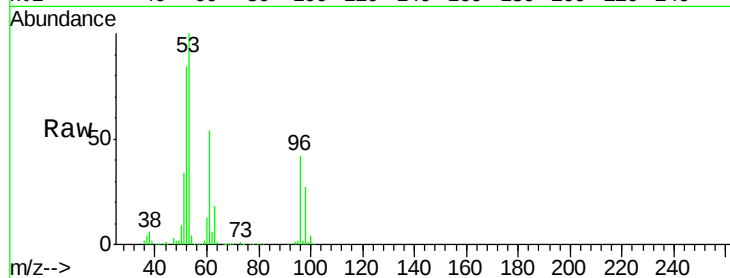
Tgt Ion: 96 Resp: 145406

Ion Ratio Lower Upper

96 100

61 129.7 117.0 175.4

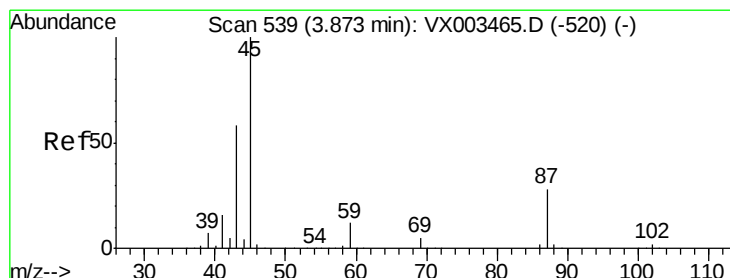
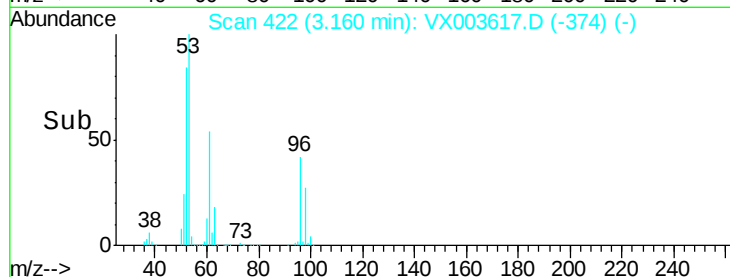
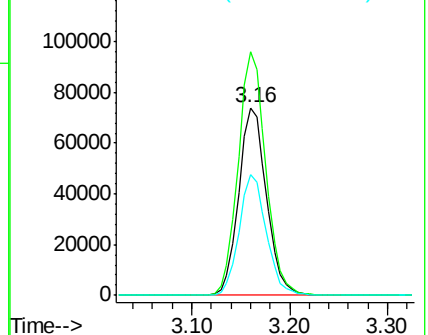
98 64.1 52.4 78.6



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: 49.547 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.01 min

Lab File: VX003617.D

Acq: 23 Jul 2018 21:23

Tgt Ion: 45 Resp: 449862

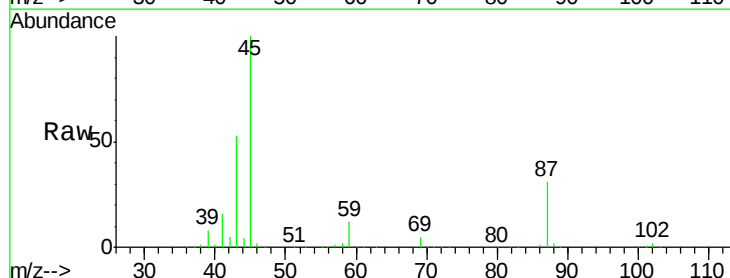
Ion Ratio Lower Upper

45 100

43 53.0 46.8 70.2

87 30.7 20.2 30.4#

59 12.0 8.7 13.1

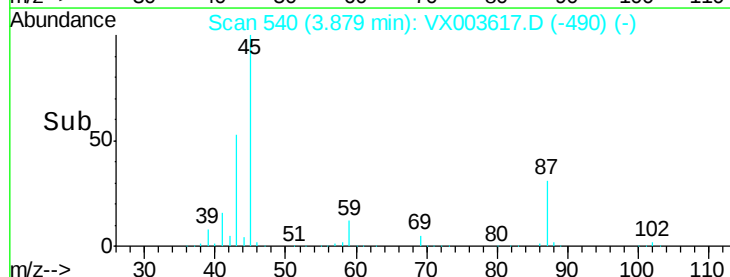
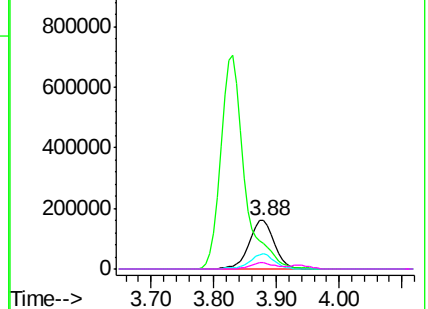


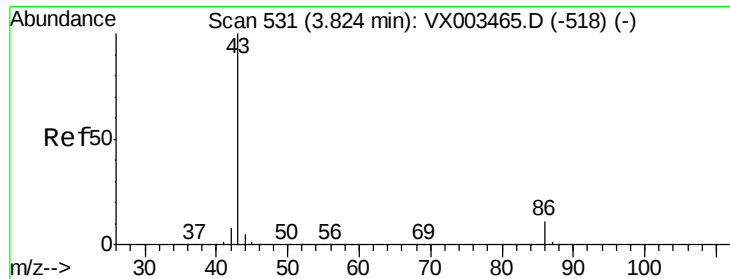
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 246.082 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.01 min

Lab File: VX003617.D

Acq: 23 Jul 2018 21:23

Instrument :

MSVOA_X

ClientSampleId :

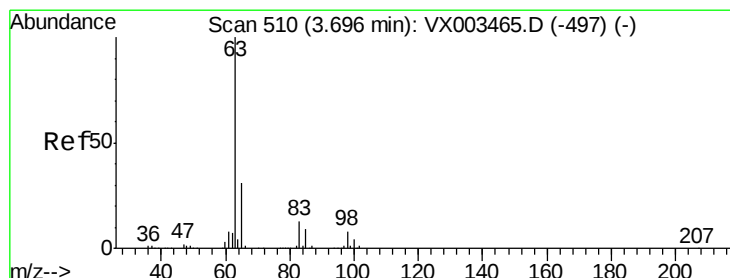
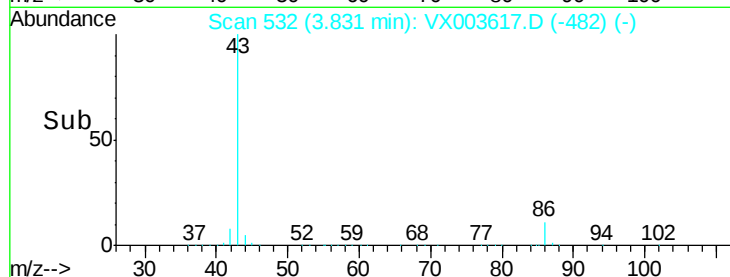
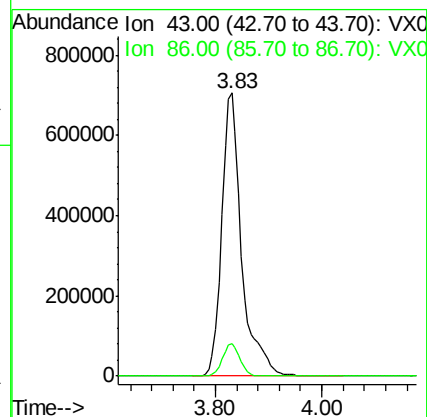
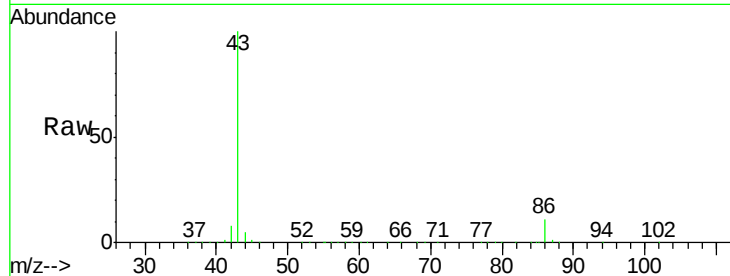
VSTDCCC050

Tgt Ion: 43 Resp: 1840440

Ion Ratio Lower Upper

43 100

86 11.4 7.4 11.0#



#24

1,1-Dichloroethane

Concen: 49.810 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003617.D

Acq: 23 Jul 2018 21:23

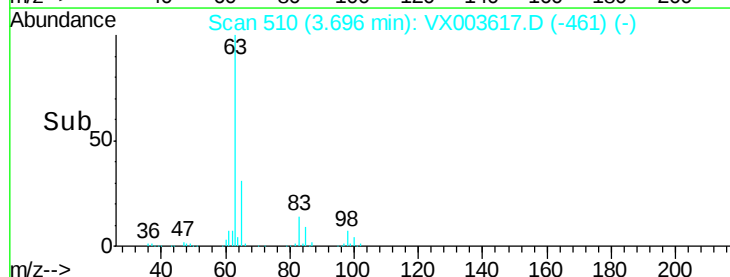
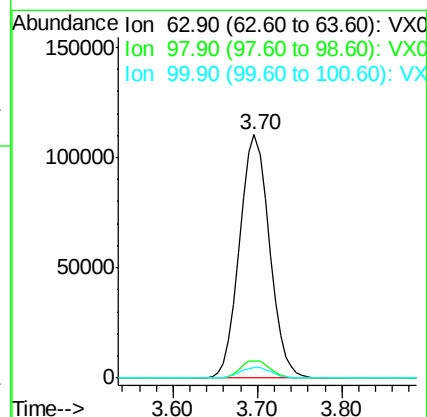
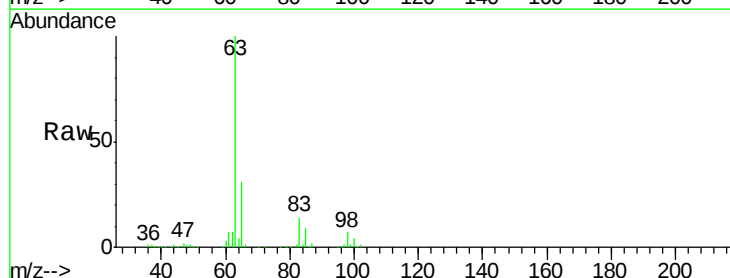
Tgt Ion: 63 Resp: 265346

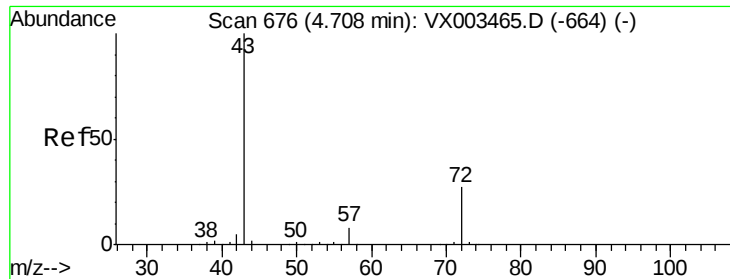
Ion Ratio Lower Upper

63 100

98 7.0 3.4 10.2

100 4.4 2.0 6.0





#25

2-Butanone

Concen: 263.489 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.01 min

Lab File: VX003617.D

Acq: 23 Jul 2018 21:23

Instrument :

MSVOA_X

ClientSampleId :

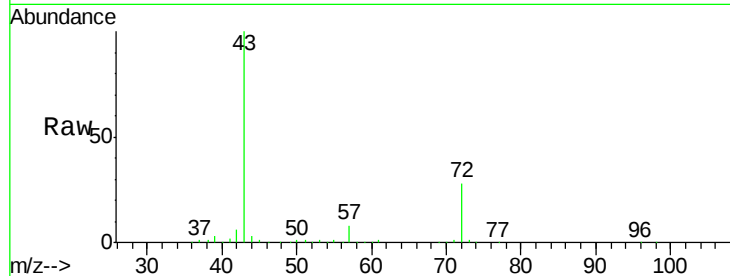
VSTDCCC050

Tgt Ion: 43 Resp: 527521

Ion Ratio Lower Upper

43 100

72 27.9 18.5 27.7#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.71

200000

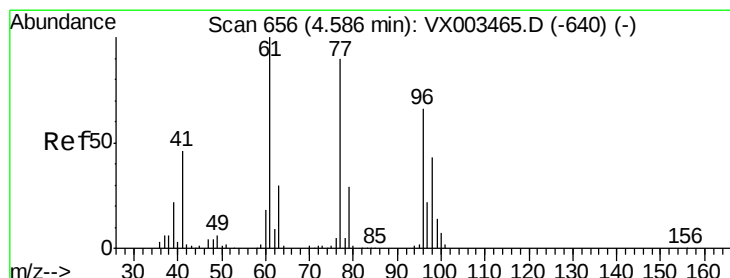
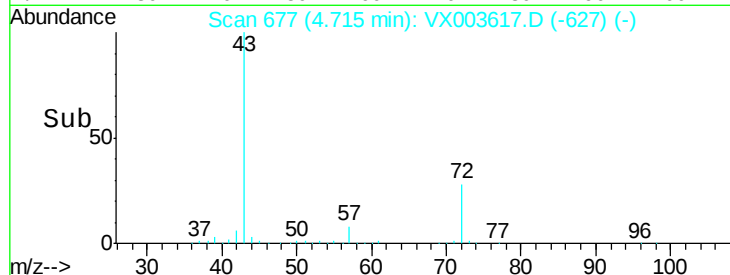
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 40.310 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX003617.D

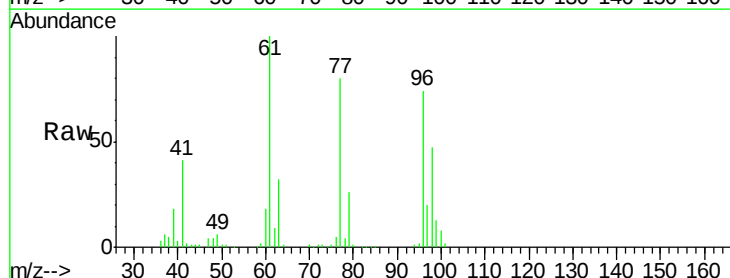
Acq: 23 Jul 2018 21:23

Tgt Ion: 77 Resp: 163095

Ion Ratio Lower Upper

77 100

97 25.8 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.59

60000

50000

40000

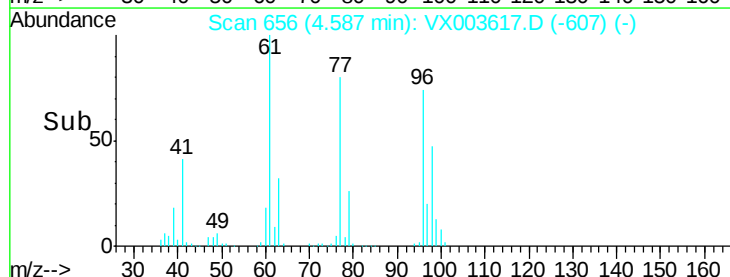
30000

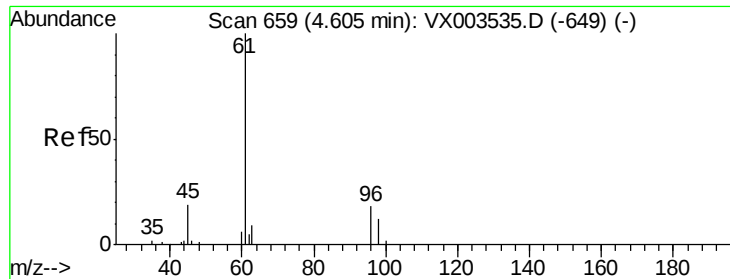
20000

10000

0

Time-->



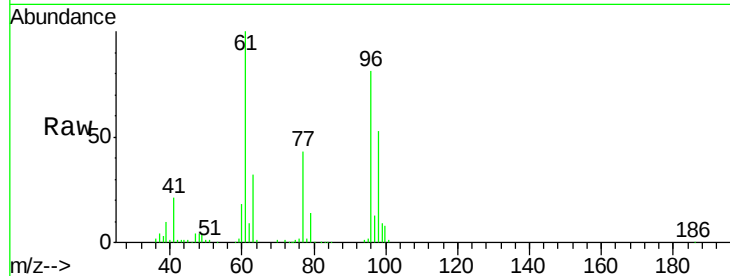


#27

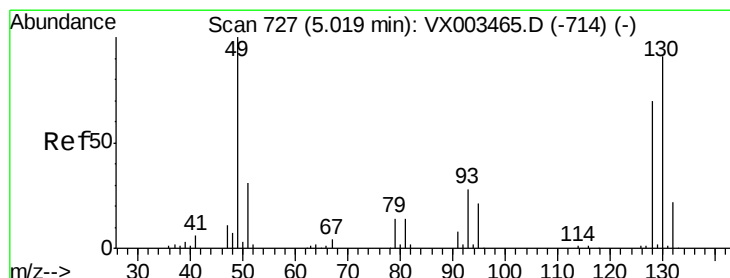
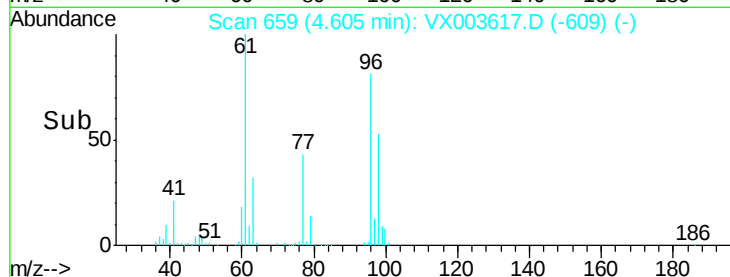
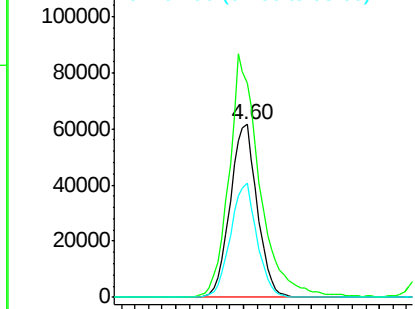
cis-1,2-Dichloroethene
 Concen: 50.242 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. 0.01 min
 Lab File: VX003617.D
 Acq: 23 Jul 2018 21:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 169658
 Ion Ratio Lower Upper
 96 100
 61 158.6 0.0 330.2
 98 64.7 0.0 130.2



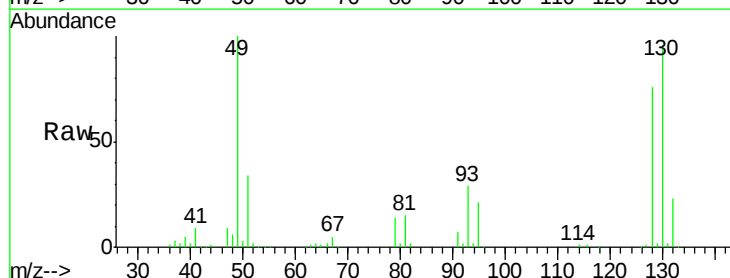
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



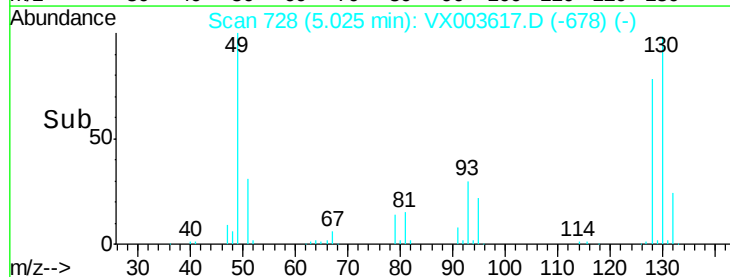
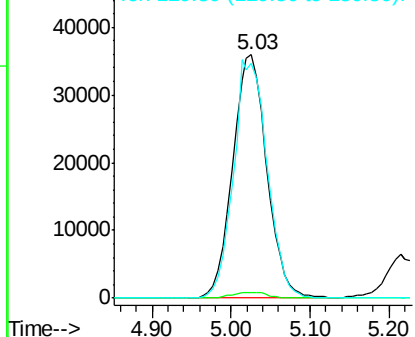
#28

Bromochloromethane
 Concen: 46.500 ug/l
 RT: 5.03 min Scan# 728
 Delta R.T. 0.01 min
 Lab File: VX003617.D
 Acq: 23 Jul 2018 21:23

Tgt Ion: 49 Resp: 108273
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 4.2
 130 97.1 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

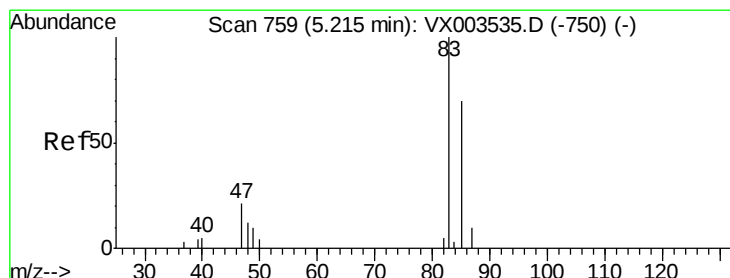
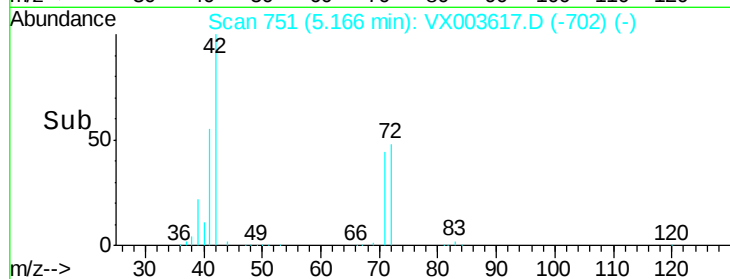
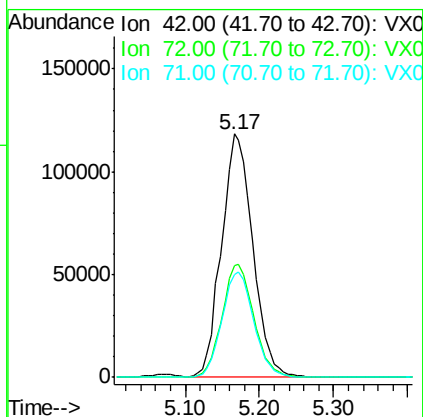
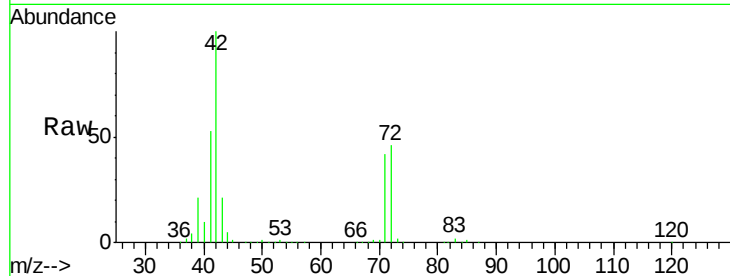




#29
Tetrahydrofuran
Concen: 260.987 ug/l
RT: 5.17 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX003617.D
Acq: 23 Jul 2018 21:23

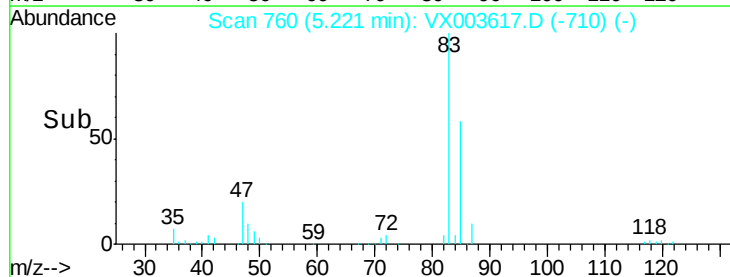
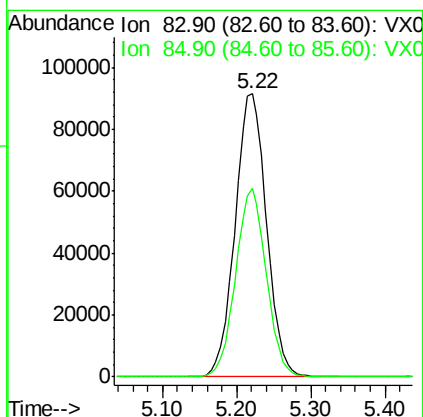
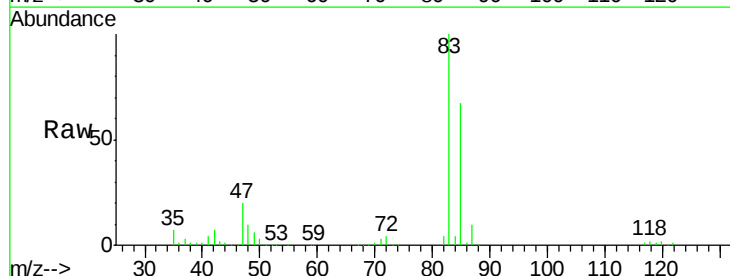
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

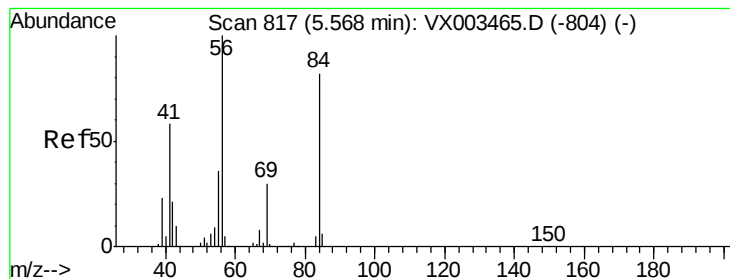
Tgt Ion: 42 Resp: 345166
Ion Ratio Lower Upper
42 100
72 47.3 32.0 48.0
71 44.1 30.1 45.1



#30
Chloroform
Concen: 52.039 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX003617.D
Acq: 23 Jul 2018 21:23

Tgt Ion: 83 Resp: 270702
Ion Ratio Lower Upper
83 100
85 66.8 50.4 75.6





#31

Cyclohexane

Concen: 46.543 ug/l

RT: 5.57 min Scan# 818

Delta R.T. 0.01 min

Lab File: VX003617.D

Acq: 23 Jul 2018 21:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

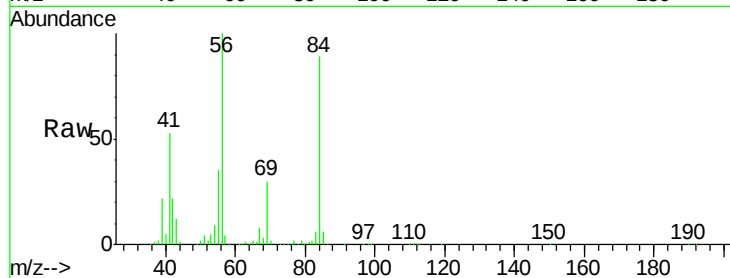
Tgt Ion: 56 Resp: 221532

Ion Ratio Lower Upper

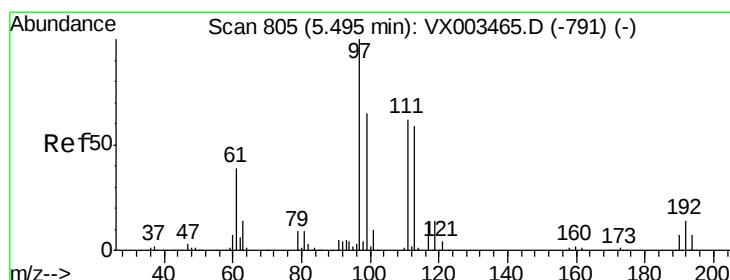
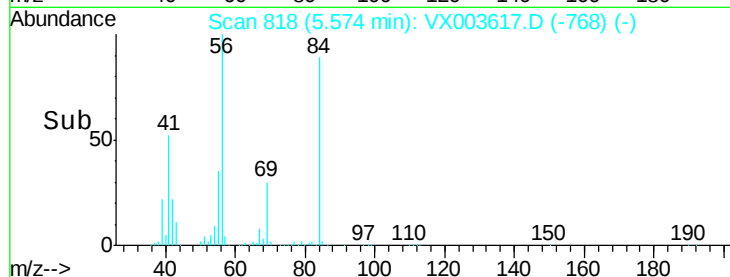
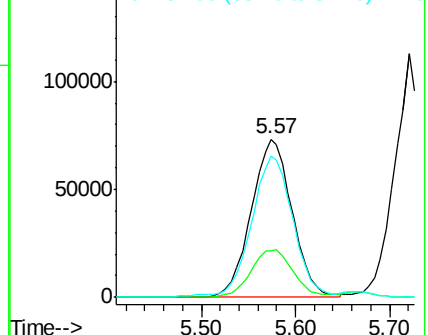
56 100

69 29.7 23.7 35.5

84 87.9 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: 52.500 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX003617.D

Acq: 23 Jul 2018 21:23

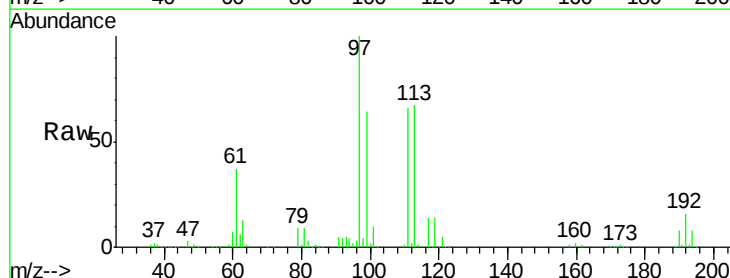
Tgt Ion: 97 Resp: 233864

Ion Ratio Lower Upper

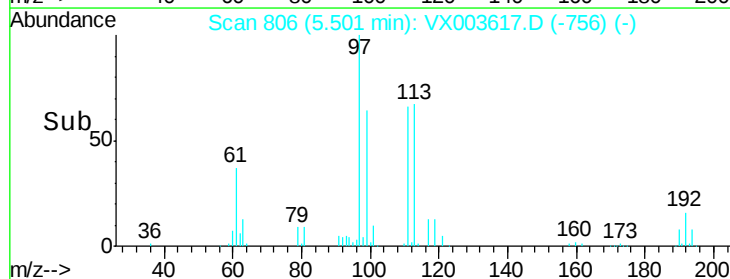
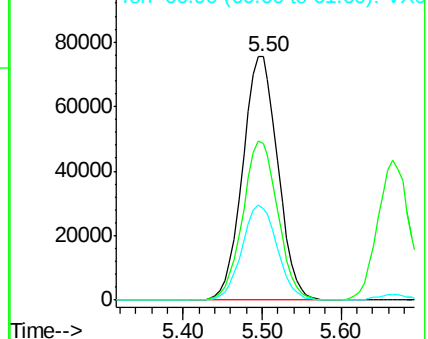
97 100

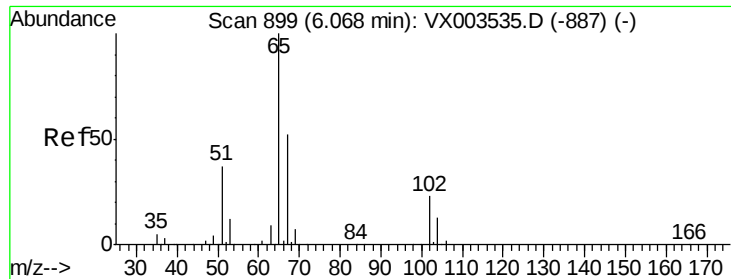
99 64.9 51.6 77.4

61 39.4 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

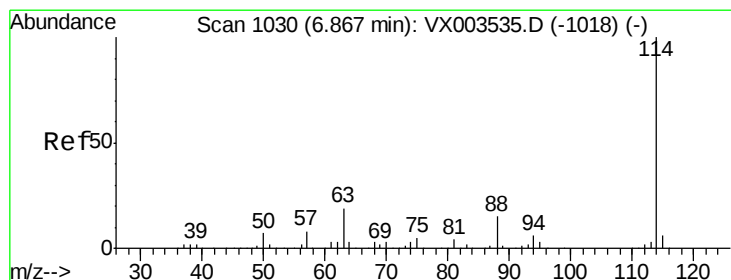
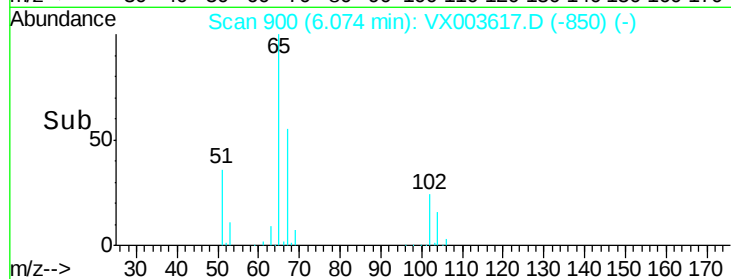
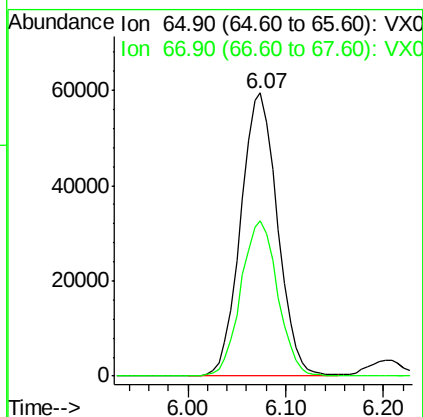
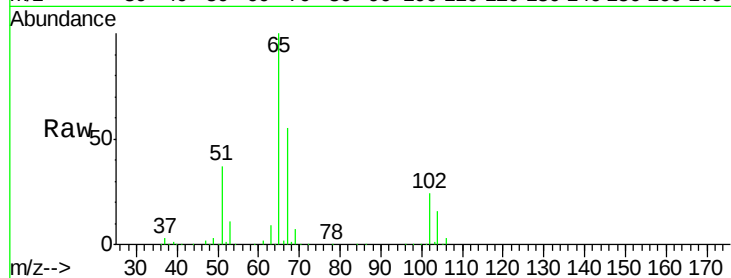




#33
 1,2-Dichloroethane-d4
 Concen: 49.157 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX003617.D
 Acq: 23 Jul 2018 21:23

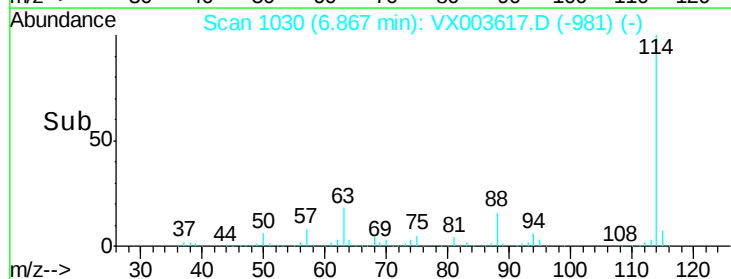
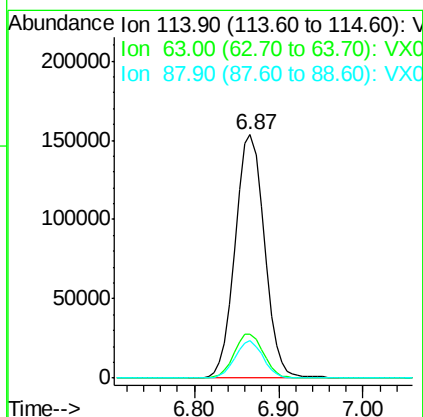
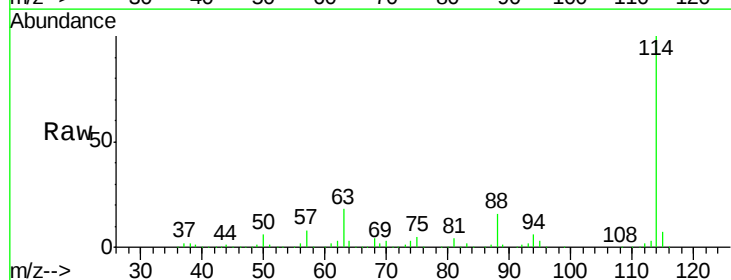
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

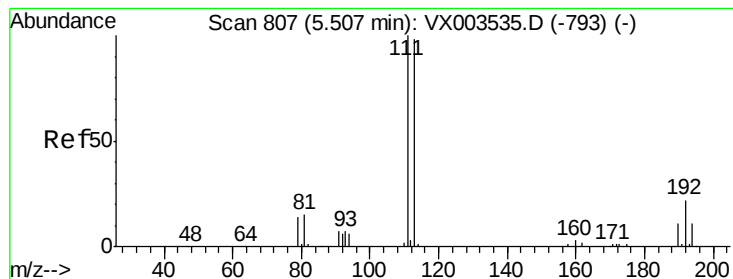
Tgt Ion: 65 Resp: 155289
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003617.D
 Acq: 23 Jul 2018 21:23

Tgt Ion: 114 Resp: 361162
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 41.4
 88 15.6 0.0 30.0





#35

Dibromofluoromethane

Concen: 53.847 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX003617.D

Acq: 23 Jul 2018 21:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

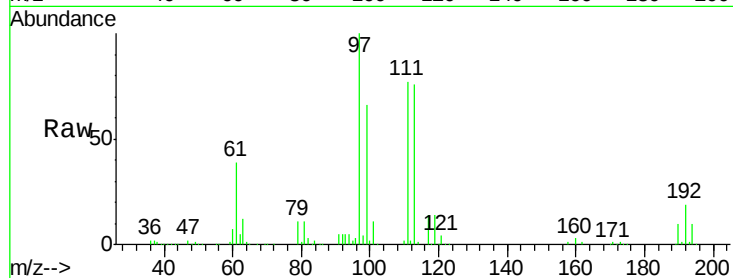
Tgt Ion:113 Resp: 148126

Ion Ratio Lower Upper

113 100

111 101.6 81.4 122.0

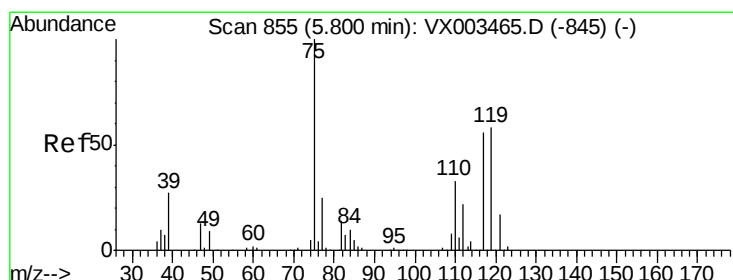
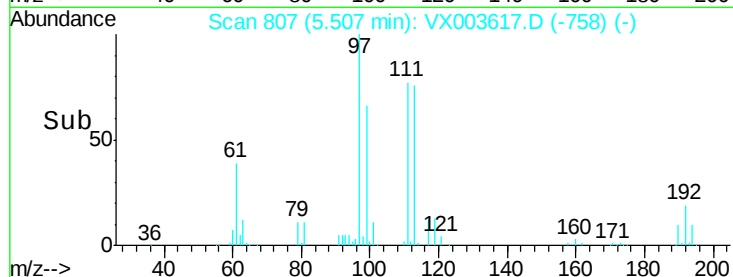
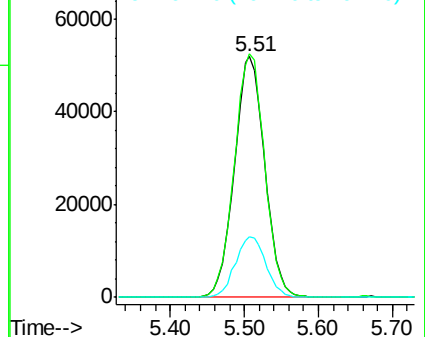
192 25.4 19.1 28.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 49.888 ug/l

RT: 5.80 min Scan# 855

Delta R.T. 0.00 min

Lab File: VX003617.D

Acq: 23 Jul 2018 21:23

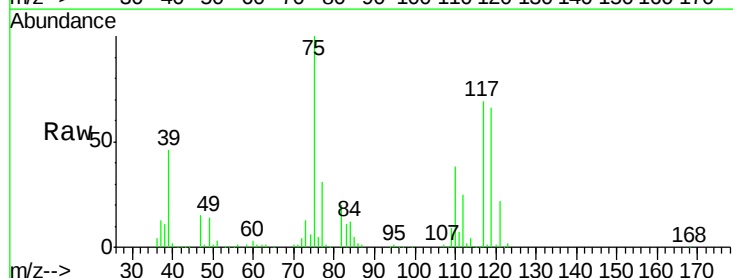
Tgt Ion: 75 Resp: 194532

Ion Ratio Lower Upper

75 100

110 39.5 18.1 54.4

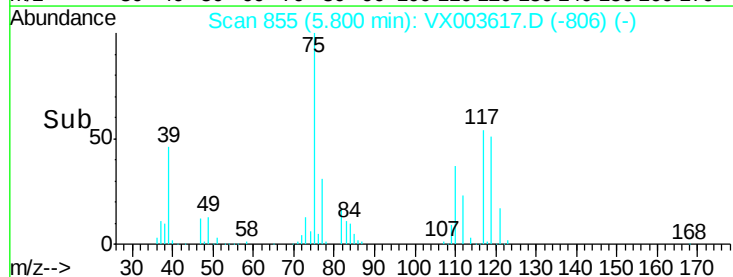
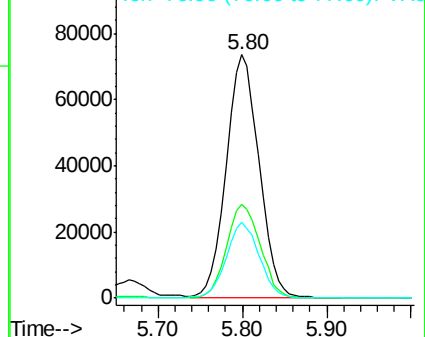
77 31.7 24.3 36.5

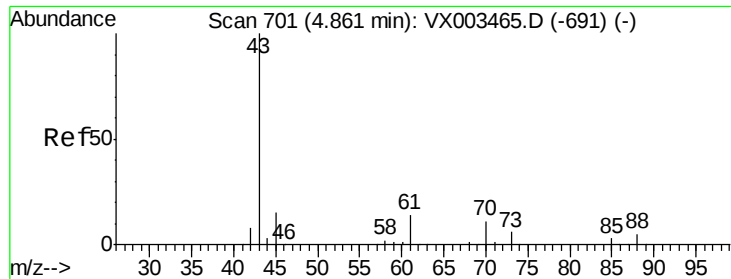


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

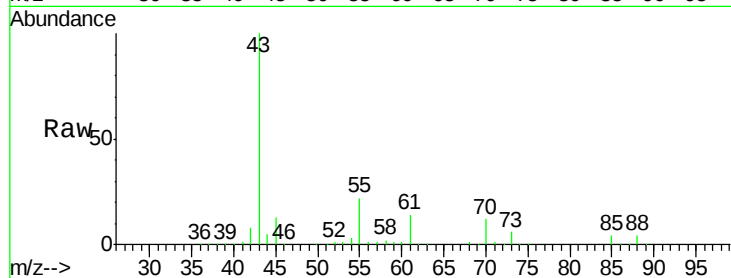




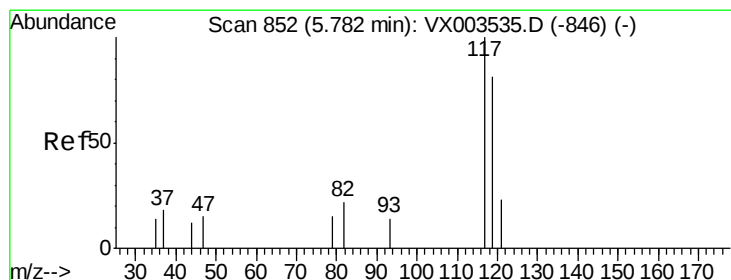
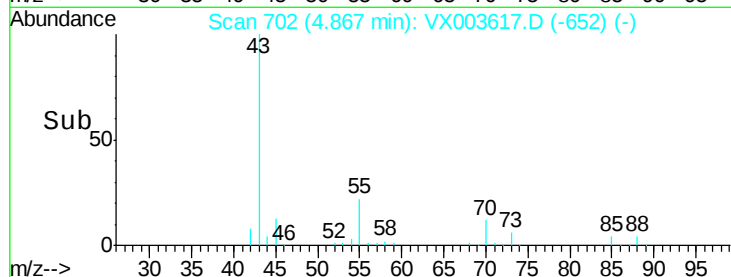
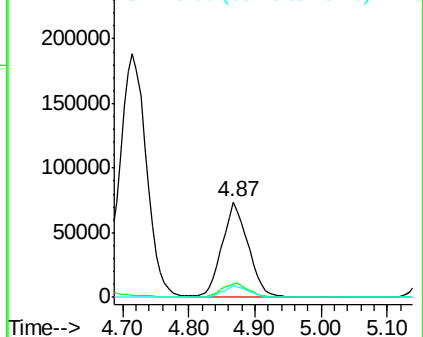
#37
Ethyl Acetate
Concen: 54.736 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.01 min
Lab File: VX003617.D
Acq: 23 Jul 2018 21:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 201970
Ion Ratio Lower Upper
43 100
61 15.2 10.4 15.6
70 11.7 7.6 11.4#

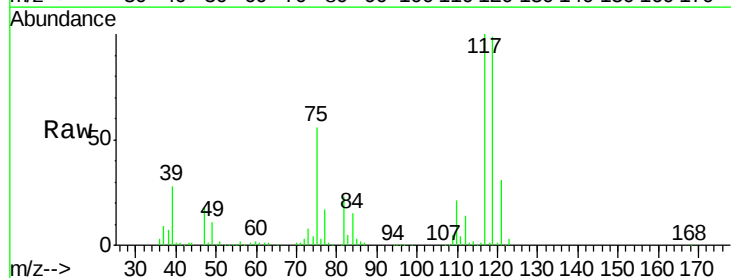


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

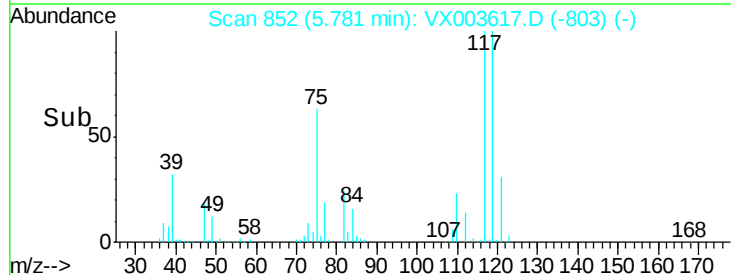
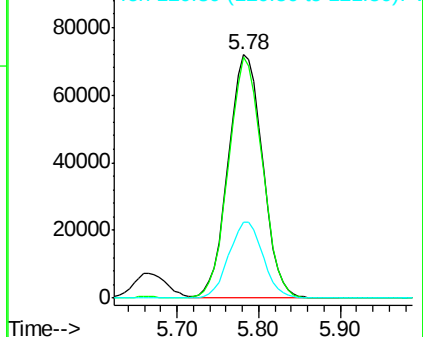


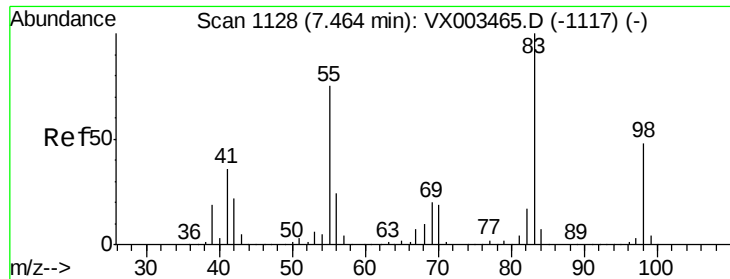
#38
Carbon Tetrachloride
Concen: 55.008 ug/l
RT: 5.78 min Scan# 852
Delta R.T. 0.00 min
Lab File: VX003617.D
Acq: 23 Jul 2018 21:23

Tgt Ion: 117 Resp: 210395
Ion Ratio Lower Upper
117 100
119 99.2 77.4 116.0
121 31.2 24.4 36.6



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

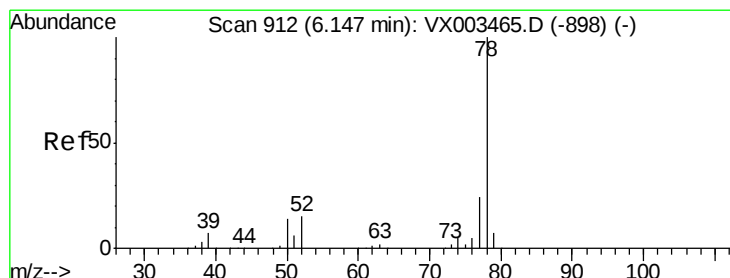
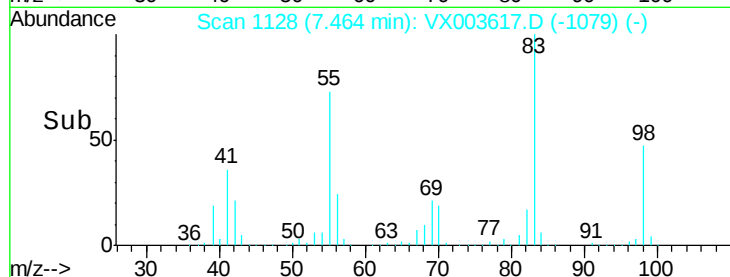
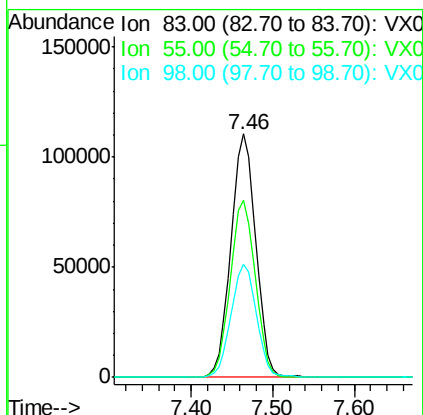
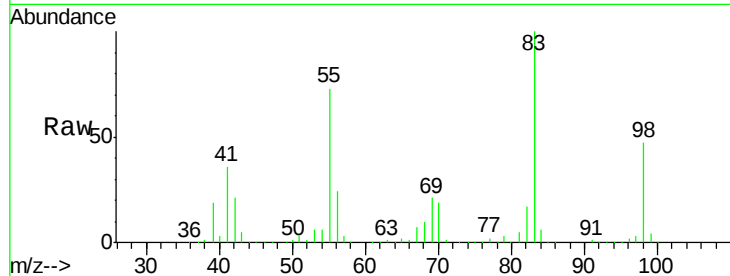




#39
Methylcyclohexane
Concen: 50.059 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003617.D
Acq: 23 Jul 2018 21:23

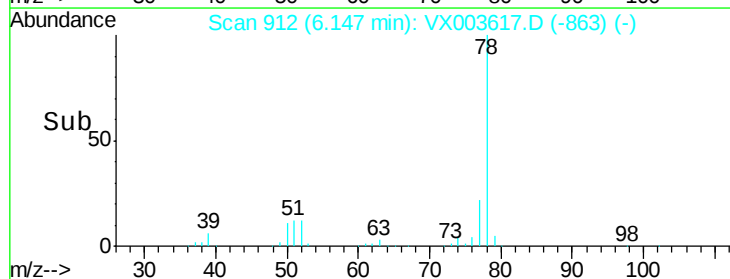
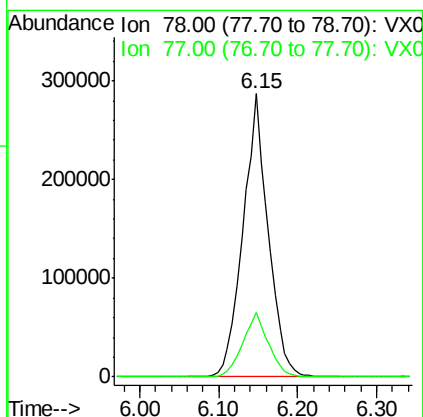
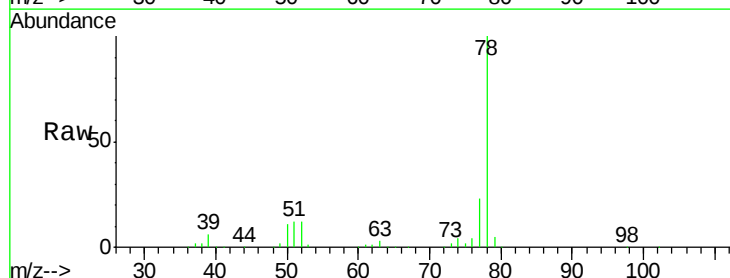
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

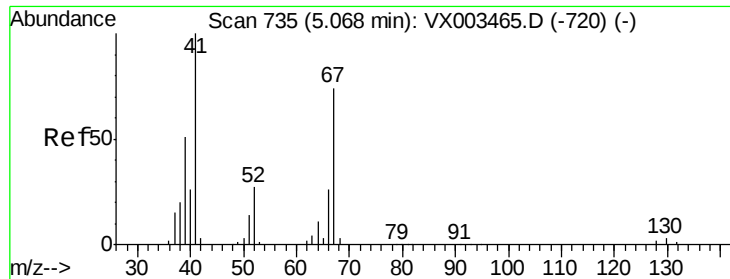
Tgt Ion: 83 Resp: 231191
Ion Ratio Lower Upper
83 100
55 72.7 65.4 98.0
98 46.6 37.4 56.0



#40
Benzene
Concen: 54.018 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX003617.D
Acq: 23 Jul 2018 21:23

Tgt Ion: 78 Resp: 635956
Ion Ratio Lower Upper
78 100
77 22.6 19.1 28.7

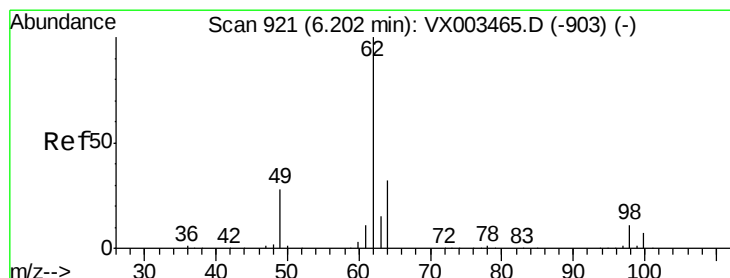
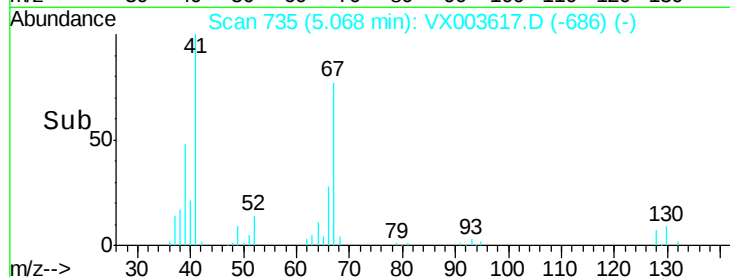
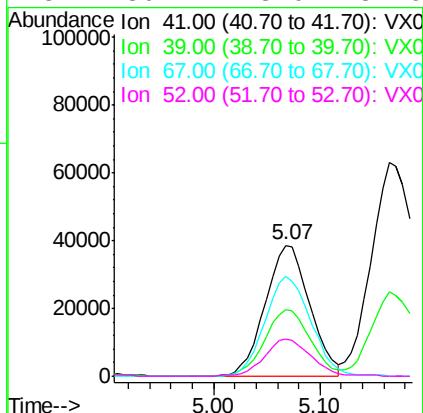
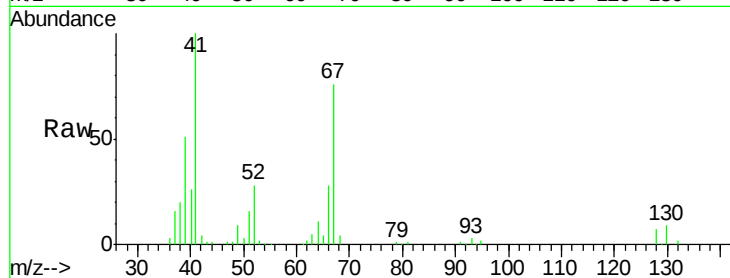




#41
Methacrylonitrile
Concen: 51.821 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX003617.D
Acq: 23 Jul 2018 21:23

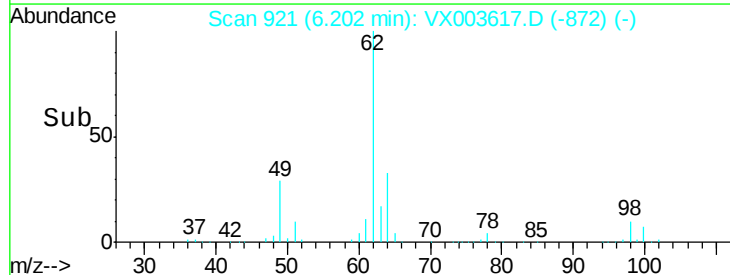
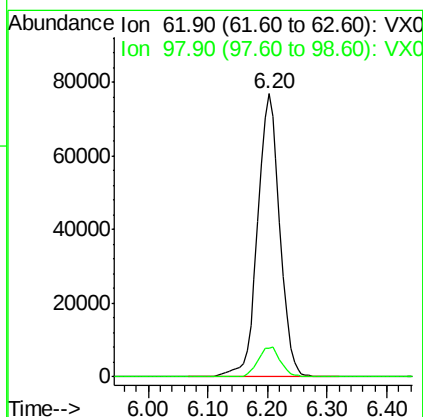
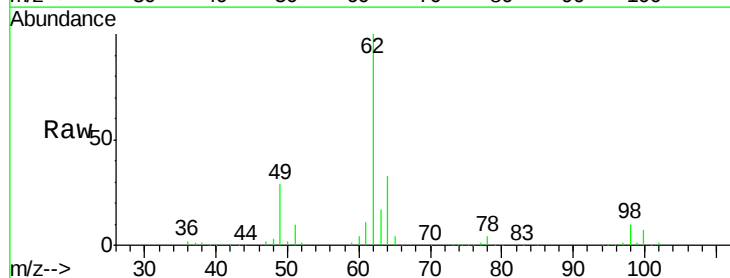
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

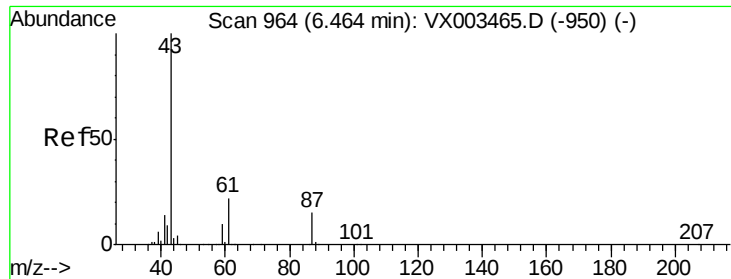
Tgt Ion: 41 Resp: 112379
Ion Ratio Lower Upper
41 100
39 52.2 45.8 68.6
67 78.3 51.3 76.9#
52 30.2 23.0 34.6



#42
1,2-Dichloroethane
Concen: 53.458 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX003617.D
Acq: 23 Jul 2018 21:23

Tgt Ion: 62 Resp: 198297
Ion Ratio Lower Upper
62 100
98 10.7 0.0 16.6





#43

Isopropyl Acetate

Concen: 53.926 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.01 min

Lab File: VX003617.D

Acq: 23 Jul 2018 21:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

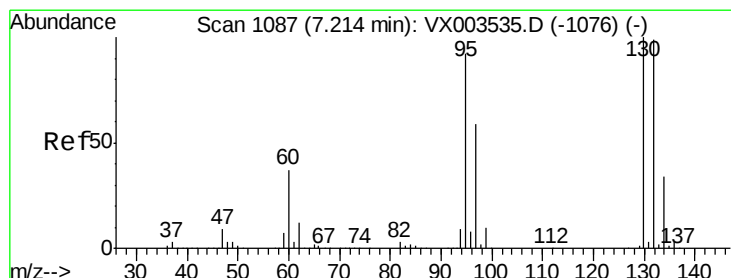
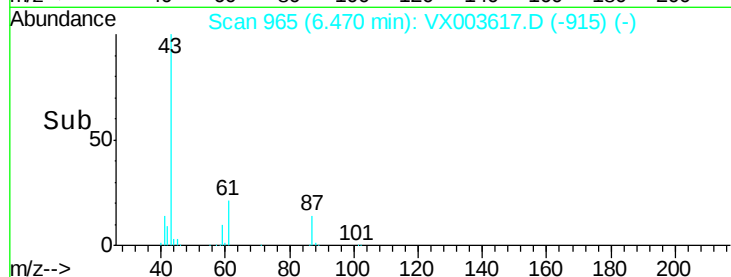
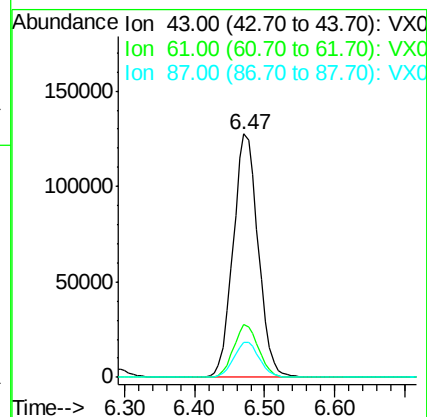
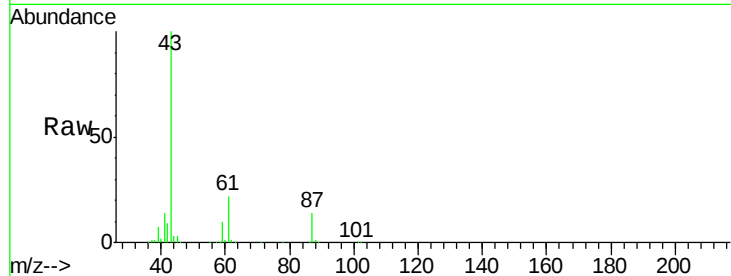
Tgt Ion: 43 Resp: 316523

Ion Ratio Lower Upper

43 100

61 21.6 14.4 21.6

87 14.8 9.5 14.3#



#44

Trichloroethene

Concen: 53.461 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX003617.D

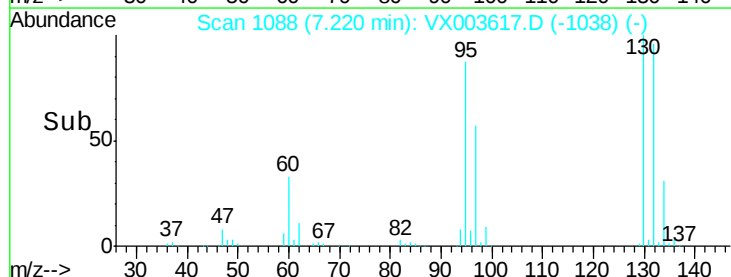
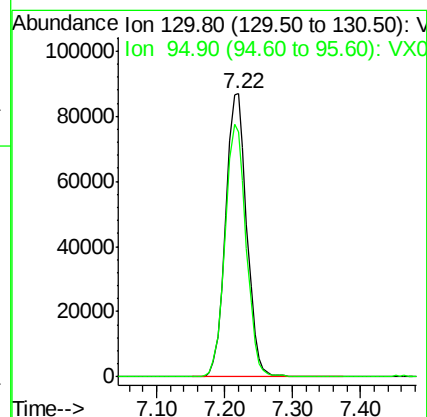
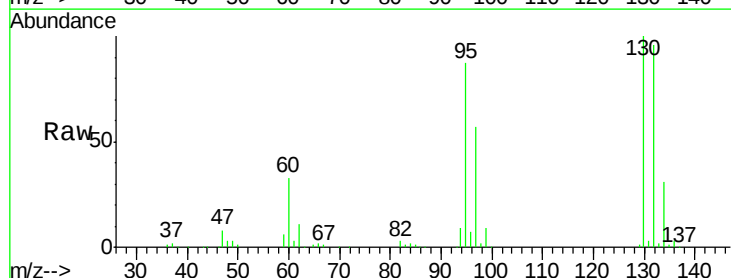
Acq: 23 Jul 2018 21:23

Tgt Ion: 130 Resp: 187701

Ion Ratio Lower Upper

130 100

95 86.7 0.0 185.4

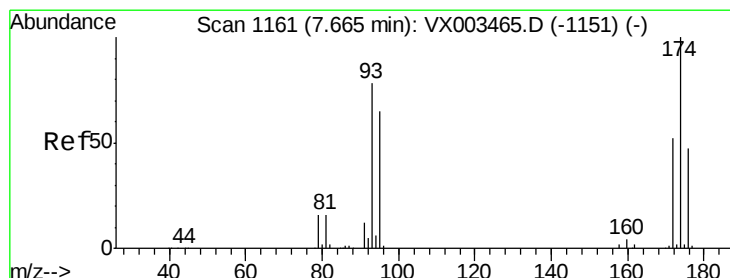
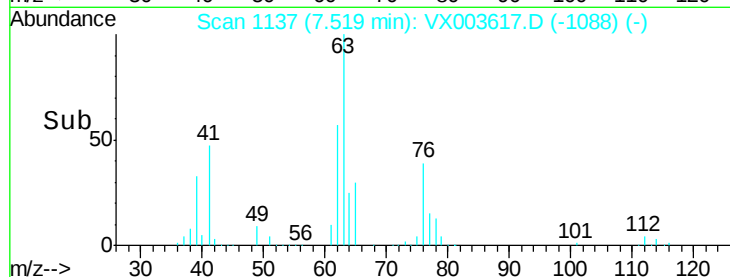
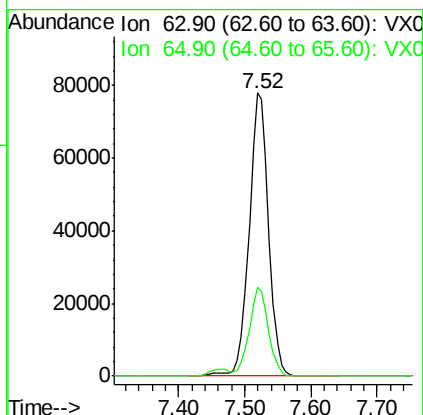
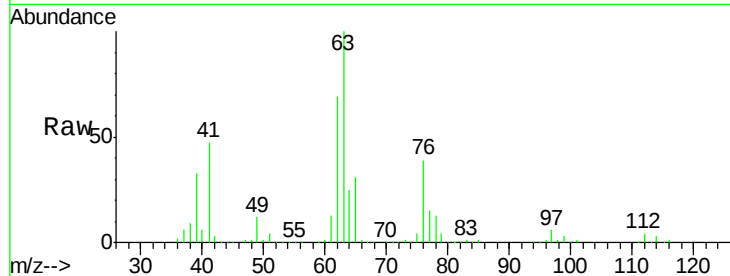




#45
 1,2-Dichloropropane
 Concen: 53.351 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX003617.D
 Acq: 23 Jul 2018 21:23

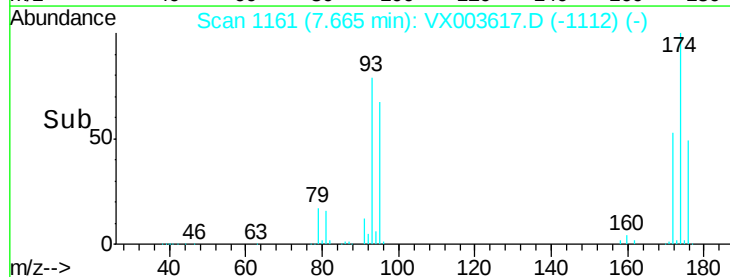
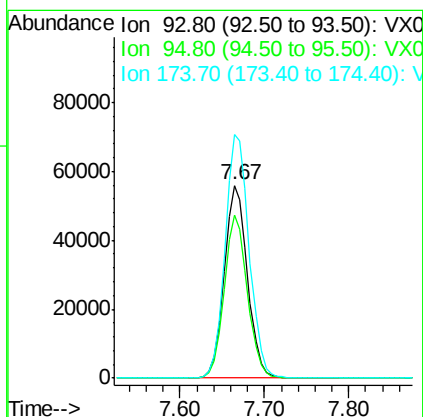
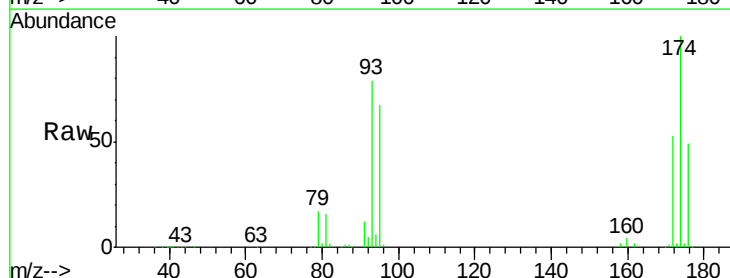
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

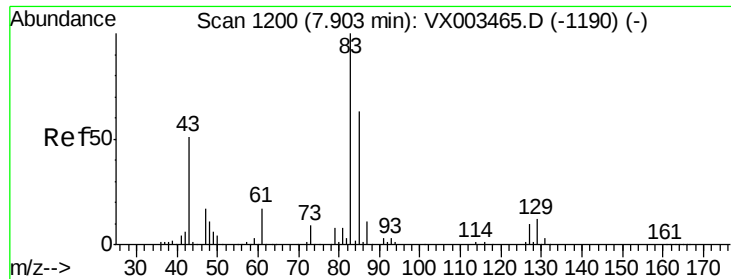
Tgt Ion: 63 Resp: 159487
 Ion Ratio Lower Upper
 63 100
 65 31.3 24.7 37.1



#46
 Dibromomethane
 Concen: 54.781 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX003617.D
 Acq: 23 Jul 2018 21:23

Tgt Ion: 93 Resp: 105431
 Ion Ratio Lower Upper
 93 100
 95 84.2 65.9 98.9
 174 131.0 92.4 138.6





#47

Bromodichloromethane

Concen: 56.944 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003617.D

Acq: 23 Jul 2018 21:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

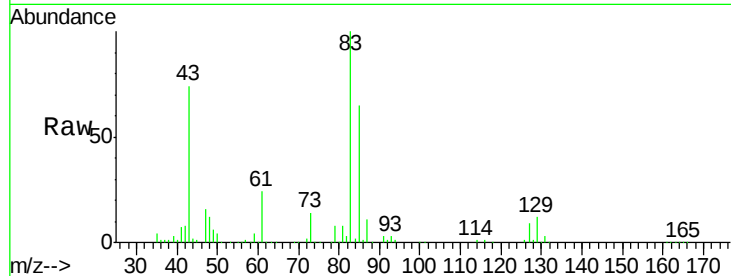
Tgt Ion: 83 Resp: 200631

Ion Ratio Lower Upper

83 100

85 64.8 50.3 75.5

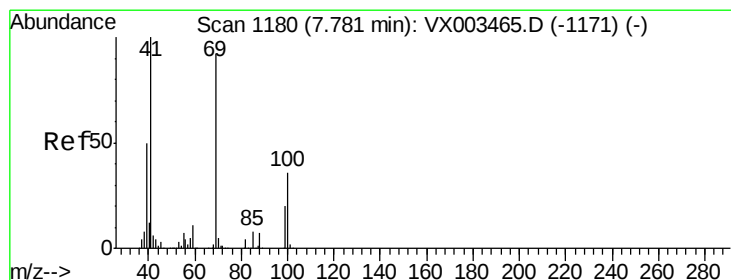
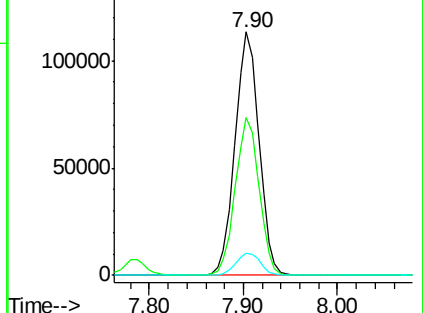
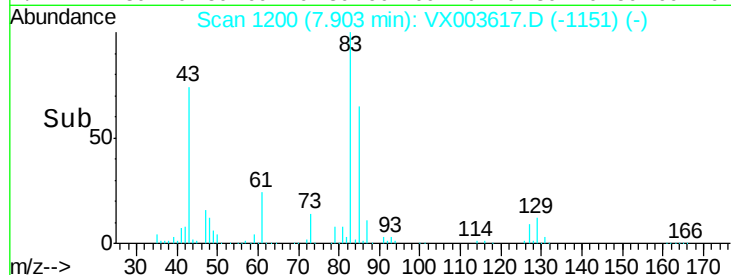
127 9.2 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 55.012 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX003617.D

Acq: 23 Jul 2018 21:23

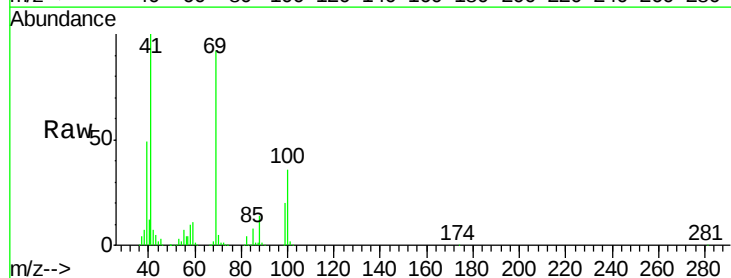
Tgt Ion: 41 Resp: 162835

Ion Ratio Lower Upper

41 100

69 92.4 59.1 88.7#

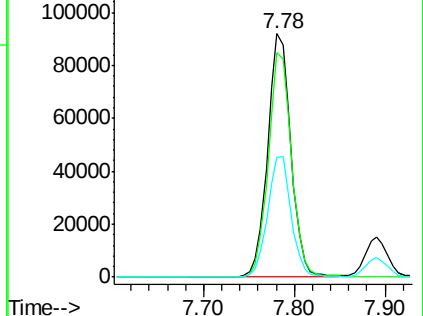
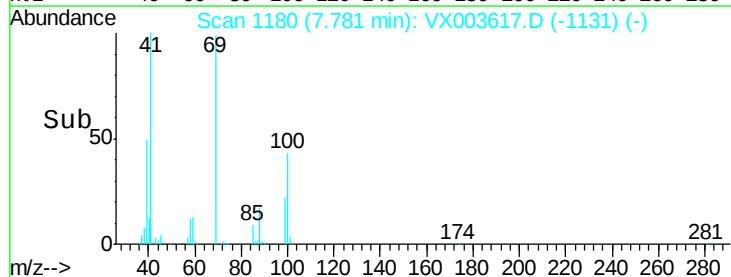
39 50.0 48.9 73.3

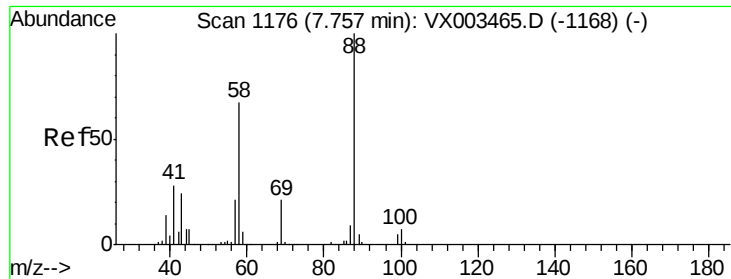


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

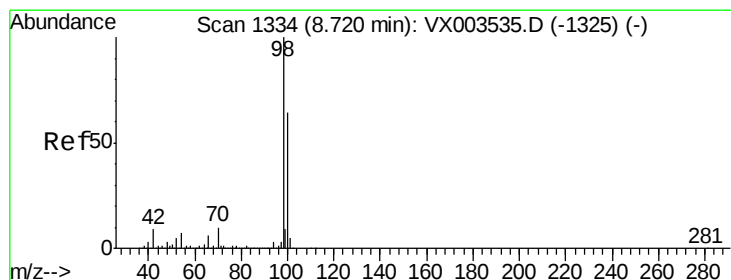
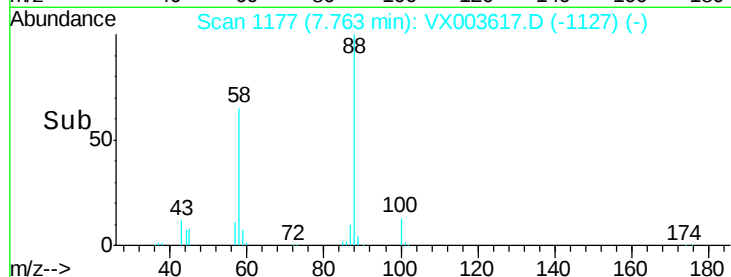
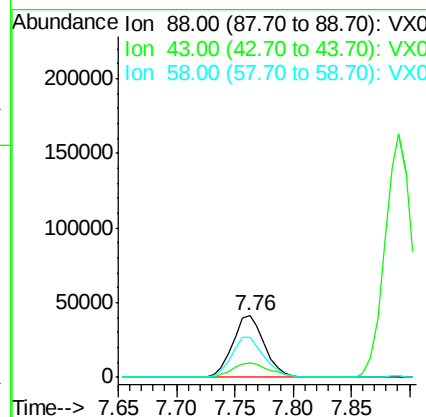
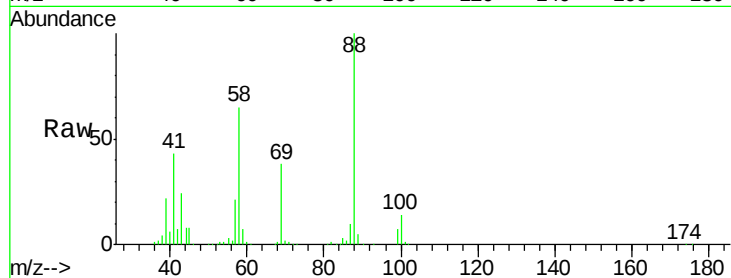




#49
1,4-Dioxane
Concen: 1169.806 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX003617.D
Acq: 23 Jul 2018 21:23

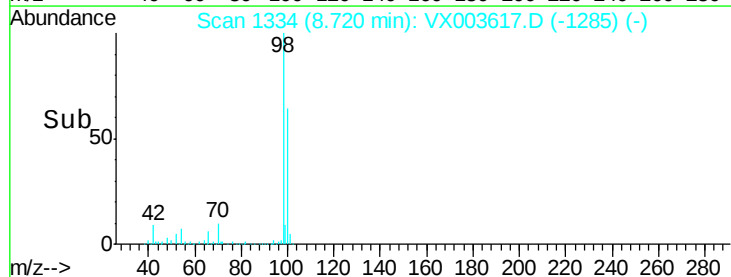
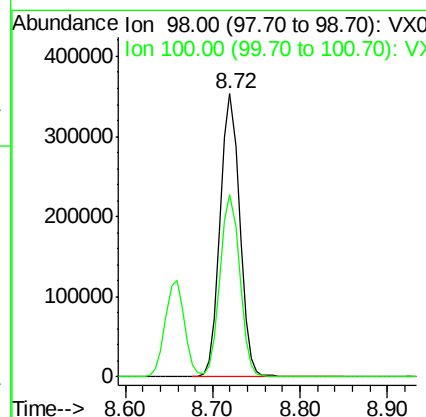
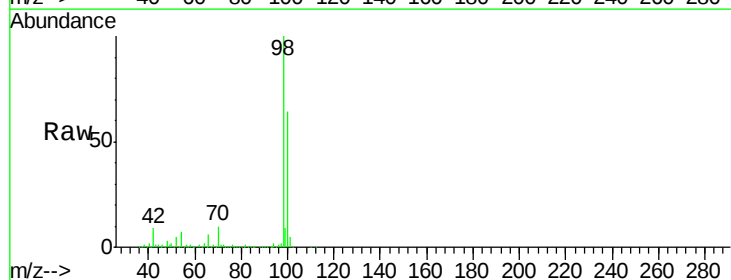
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

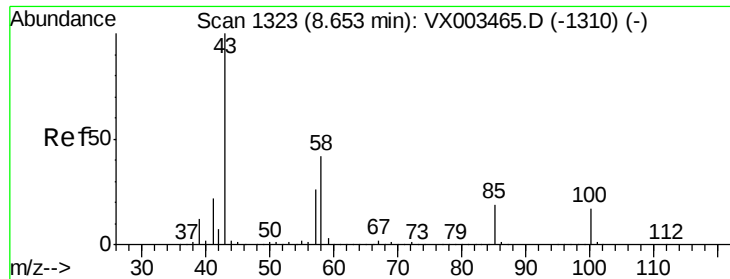
Tgt Ion: 88 Resp: 78456
Ion Ratio Lower Upper
88 100
43 27.7 29.8 44.6#
58 68.1 57.1 85.7



#50
Toluene-d8
Concen: 52.988 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003617.D
Acq: 23 Jul 2018 21:23

Tgt Ion: 98 Resp: 547867
Ion Ratio Lower Upper
98 100
100 64.7 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 285.237 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX003617.D

Acq: 23 Jul 2018 21:23

Instrument :

MSVOA_X

ClientSampleId :

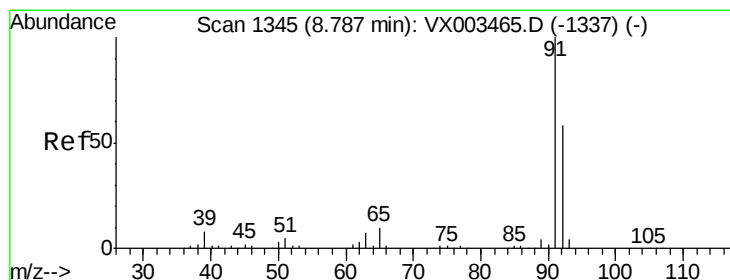
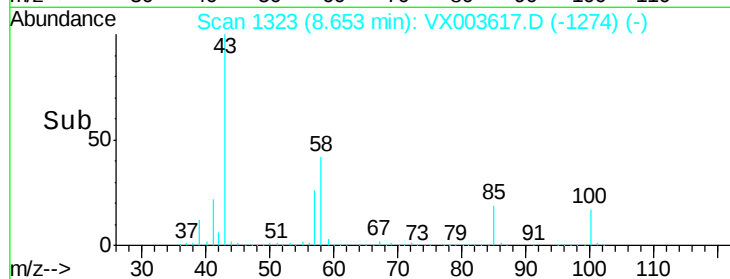
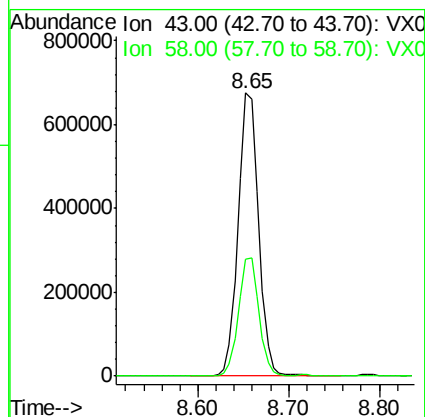
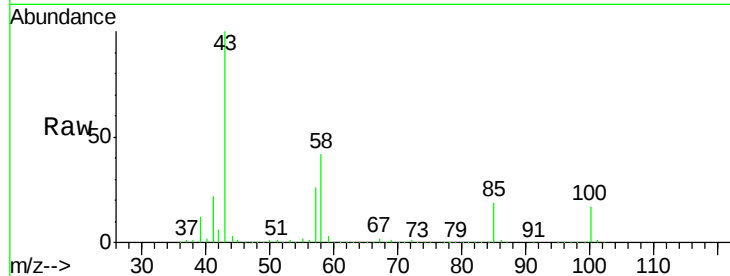
VSTDCCC050

Tgt Ion: 43 Resp: 1057697

Ion Ratio Lower Upper

43 100

58 41.8 28.6 42.8



#52

Toluene

Concen: 53.757 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003617.D

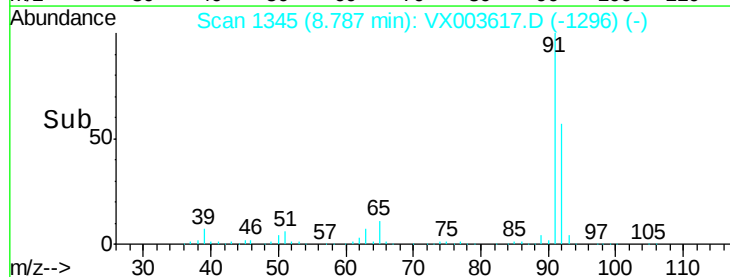
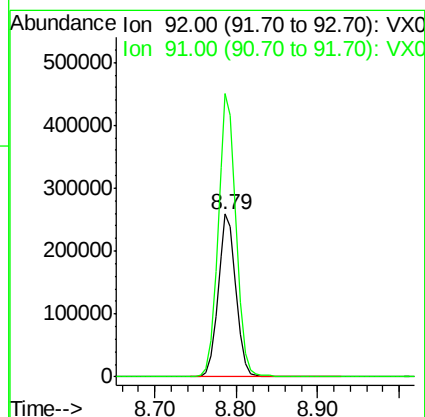
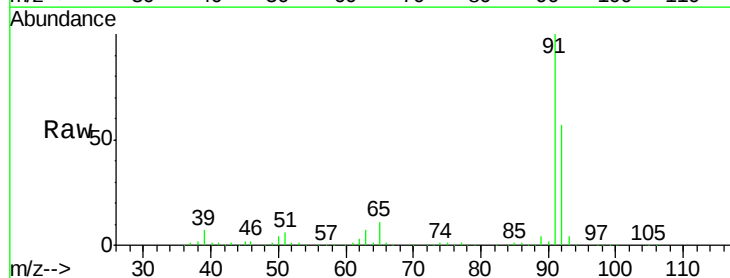
Acq: 23 Jul 2018 21:23

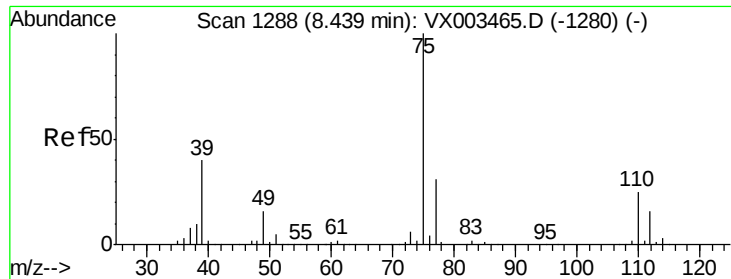
Tgt Ion: 92 Resp: 398374

Ion Ratio Lower Upper

92 100

91 173.6 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 54.251 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX003617.D

Acq: 23 Jul 2018 21:23

Instrument :

MSVOA_X

ClientSampleId :

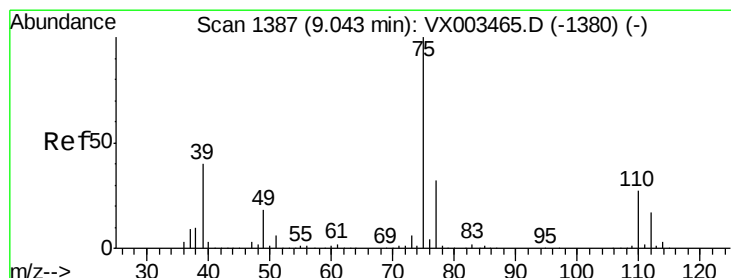
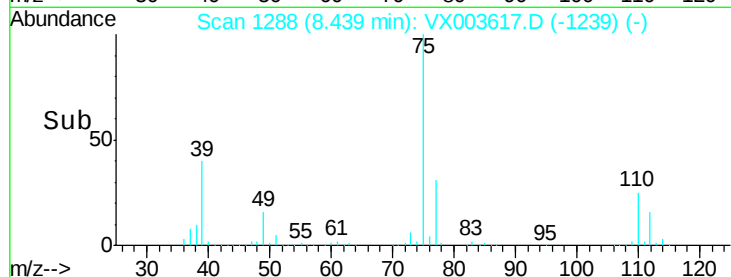
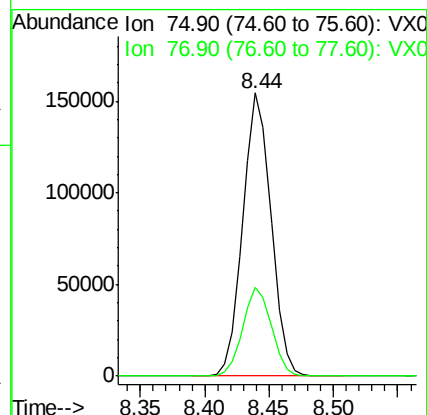
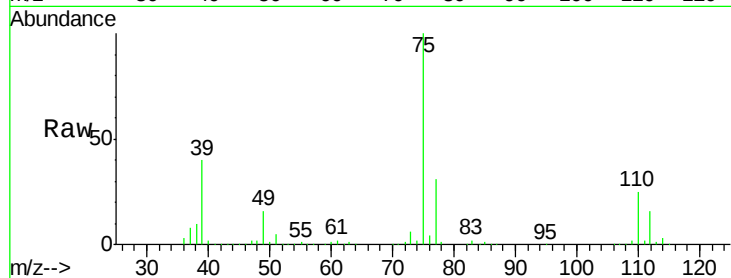
VSTDCCC050

Tgt Ion: 75 Resp: 235266

Ion Ratio Lower Upper

75 100

77 31.5 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 54.698 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VX003617.D

Acq: 23 Jul 2018 21:23

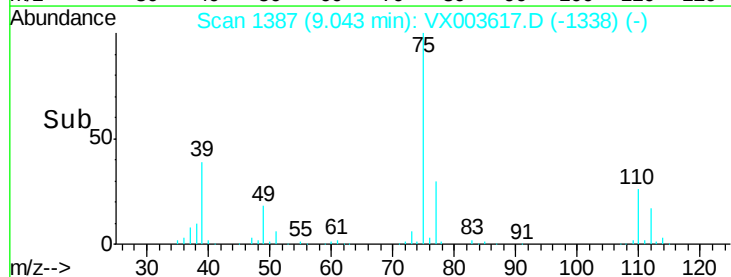
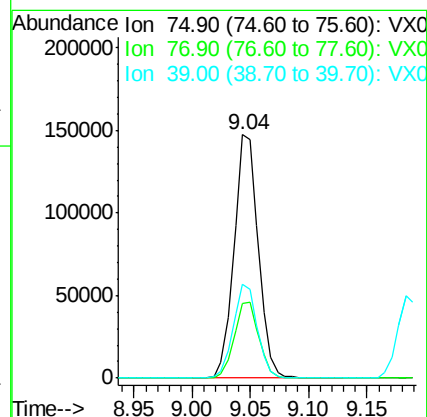
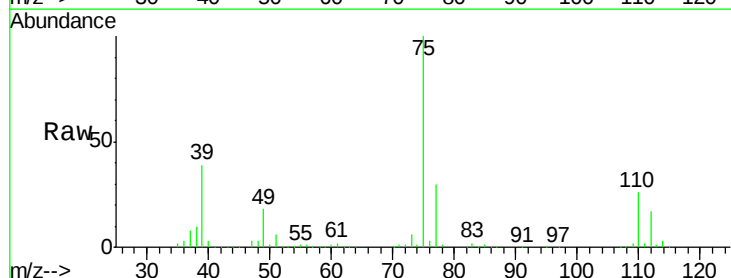
Tgt Ion: 75 Resp: 213318

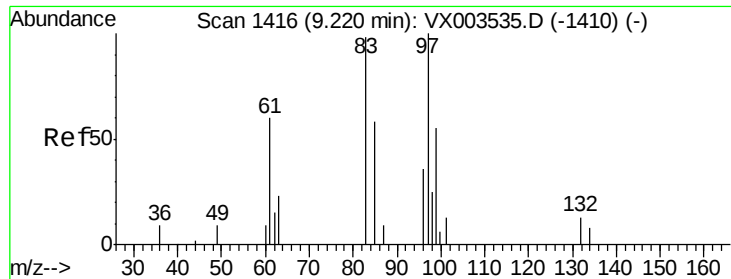
Ion Ratio Lower Upper

75 100

77 30.5 24.8 37.2

39 38.7 42.4 63.6#

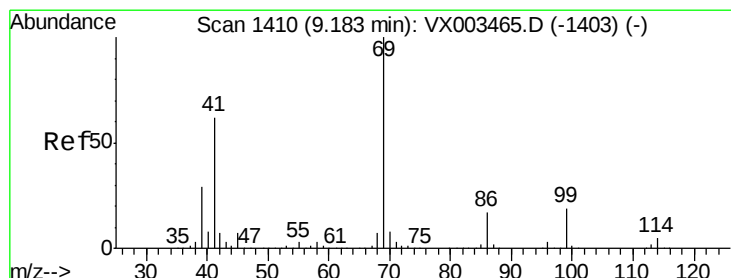
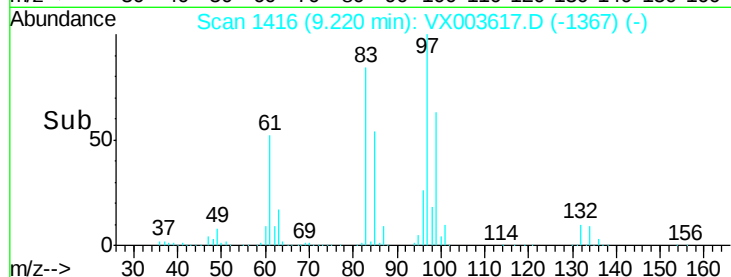
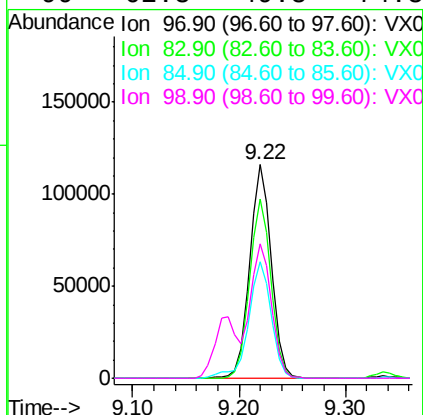
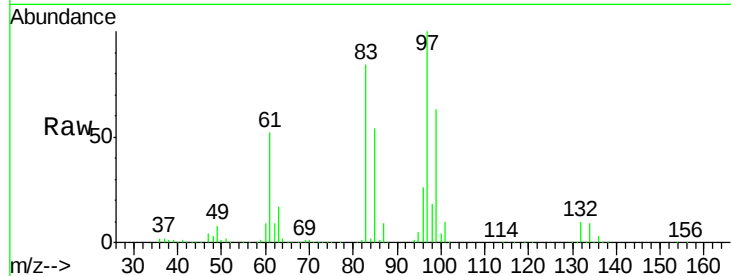




#55
 1,1,2-Trichloroethane
 Concen: 56.121 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003617.D
 Acq: 23 Jul 2018 21:23

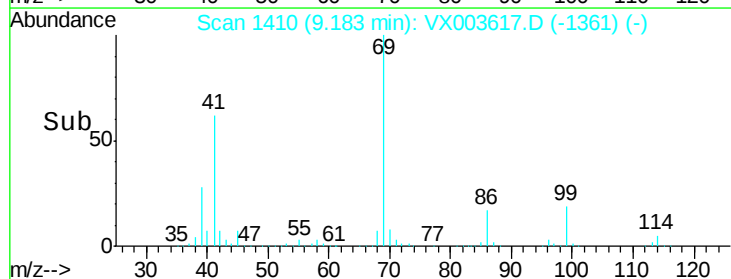
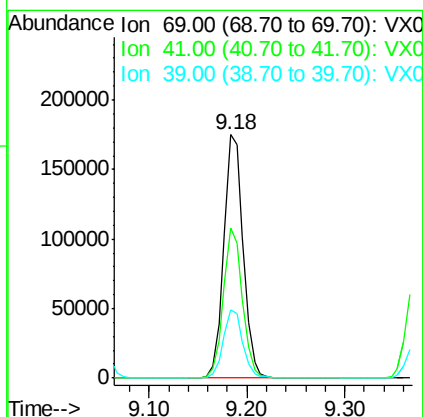
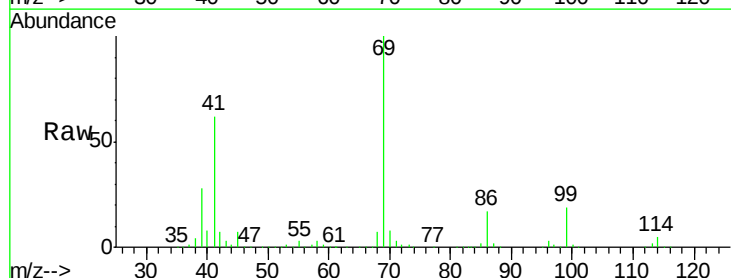
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

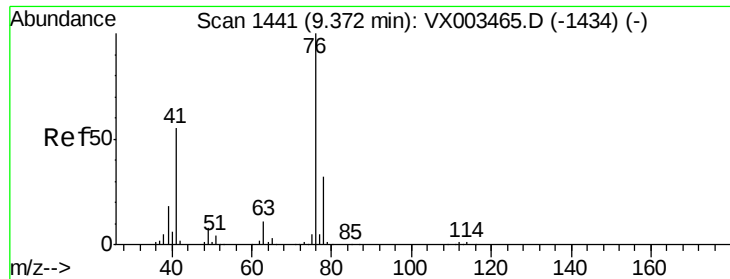
Tgt Ion: 97 Resp: 165494
 Ion Ratio Lower Upper
 97 100
 83 84.1 70.2 105.2
 85 54.5 44.9 67.3
 99 62.8 49.8 74.8



#56
 Ethyl methacrylate
 Concen: 57.827 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX003617.D
 Acq: 23 Jul 2018 21:23

Tgt Ion: 69 Resp: 240184
 Ion Ratio Lower Upper
 69 100
 41 60.4 60.3 90.5
 39 28.3 35.8 53.8#

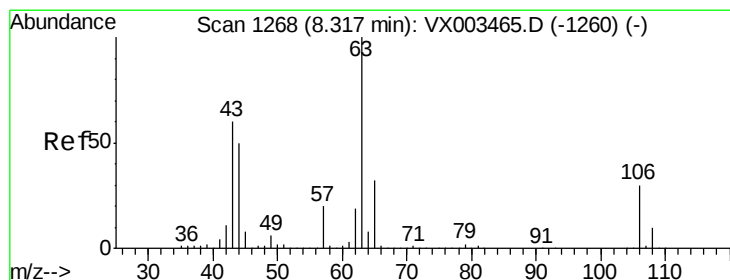
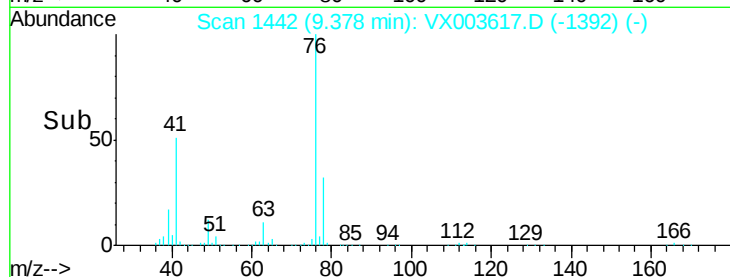
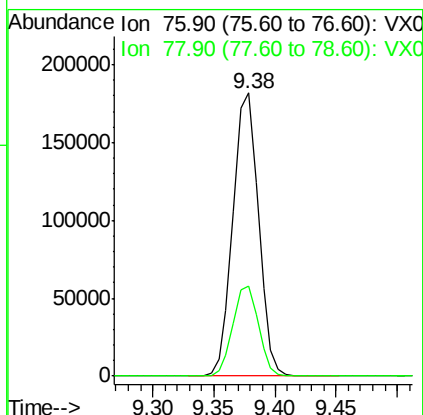
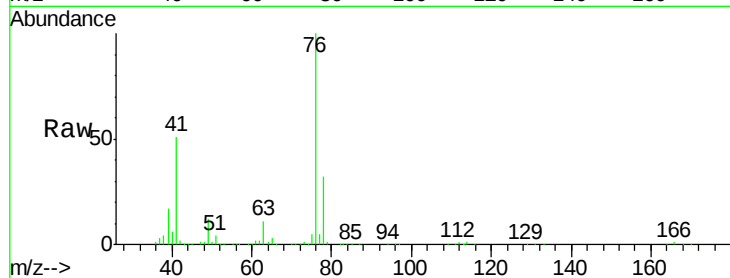




#57
 1,3-Dichloropropane
 Concen: 55.230 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.01 min
 Lab File: VX003617.D
 Acq: 23 Jul 2018 21:23

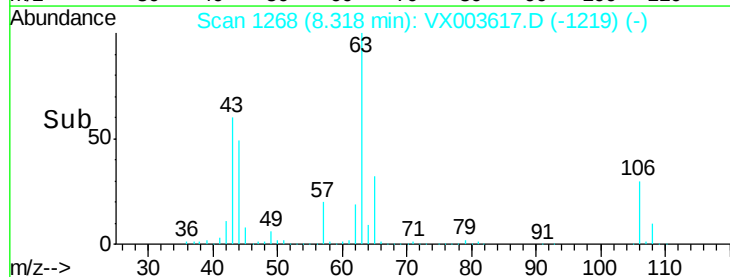
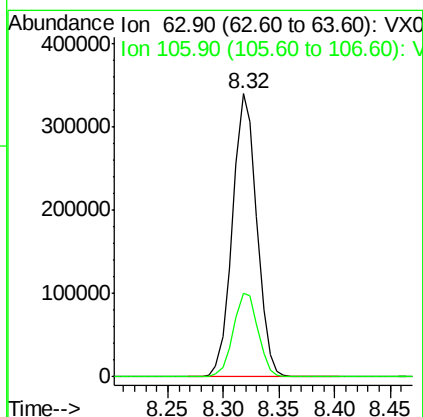
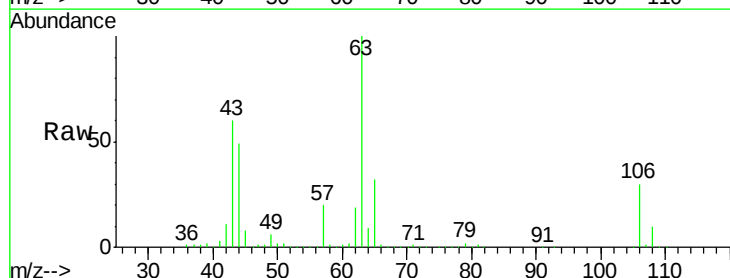
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 76 Resp: 263265
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 254.080 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VX003617.D
 Acq: 23 Jul 2018 21:23

Tgt Ion: 63 Resp: 513149
 Ion Ratio Lower Upper
 63 100
 106 30.4 21.8 32.8

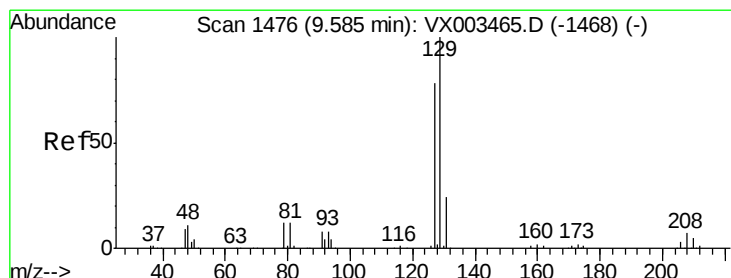
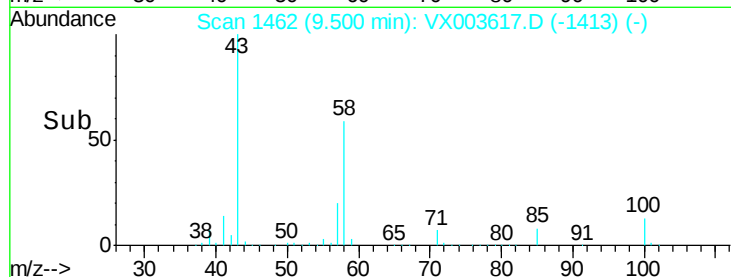
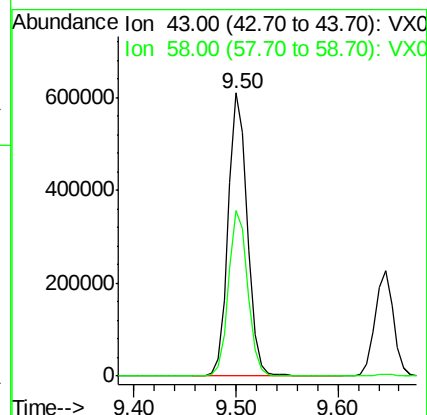
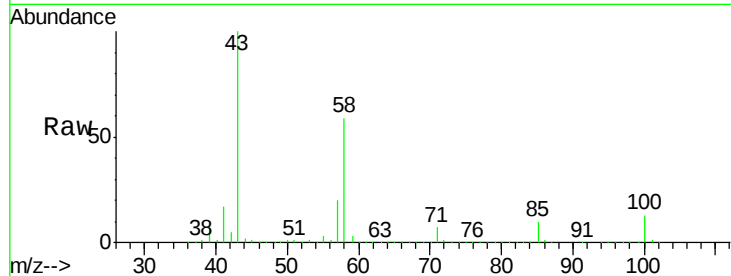




#59
2-Hexanone
Concen: 288.936 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003617.D
Acq: 23 Jul 2018 21:23

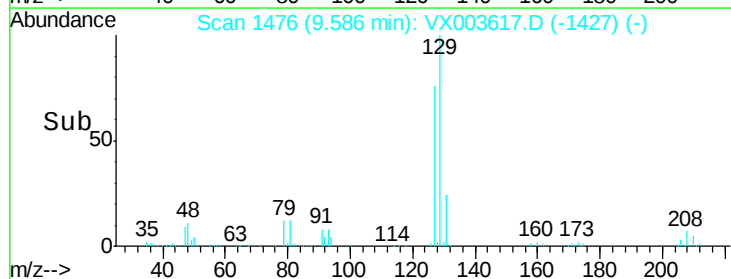
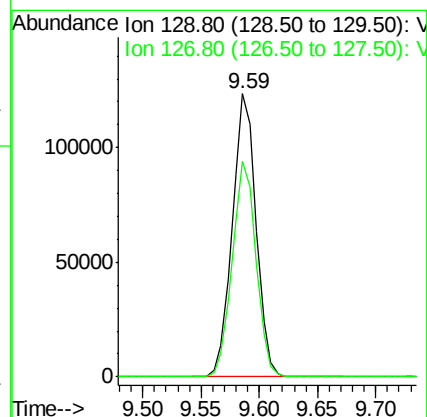
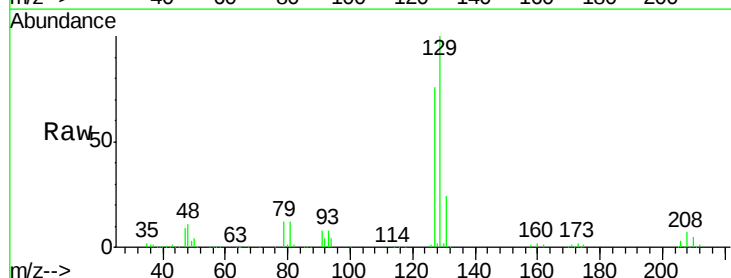
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

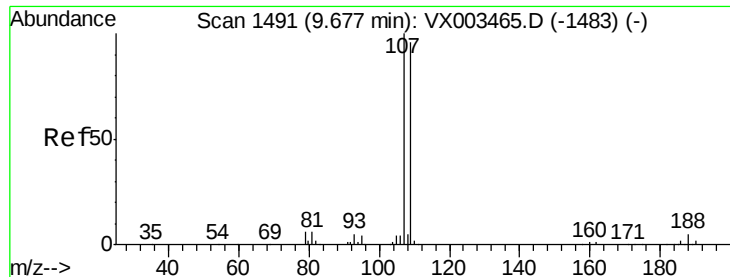
Tgt Ion: 43 Resp: 793829
Ion Ratio Lower Upper
43 100
58 58.8 24.6 73.6



#60
Dibromochloromethane
Concen: 59.823 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003617.D
Acq: 23 Jul 2018 21:23

Tgt Ion: 129 Resp: 174613
Ion Ratio Lower Upper
129 100
127 76.5 38.5 115.3

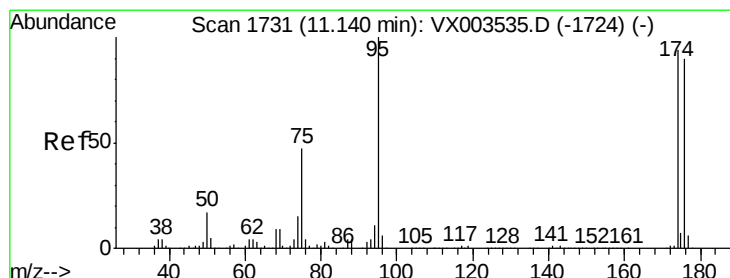
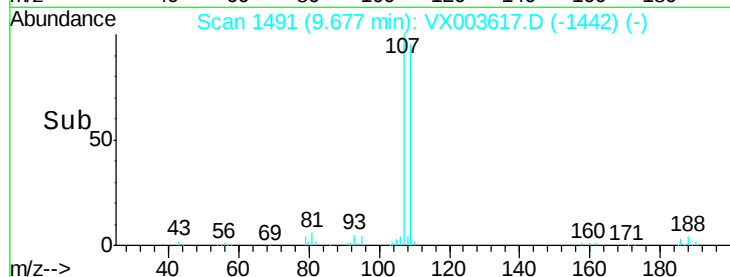
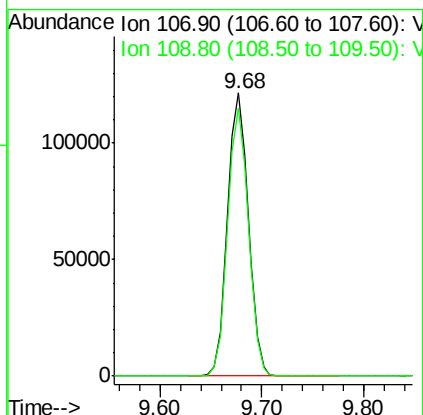
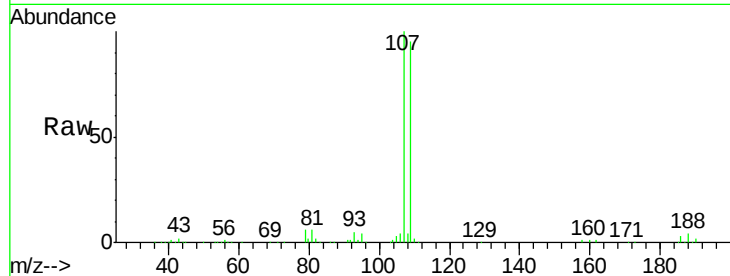




#61
 1,2-Dibromoethane
 Concen: 56.110 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. 0.00 min
 Lab File: VX003617.D
 Acq: 23 Jul 2018 21:23

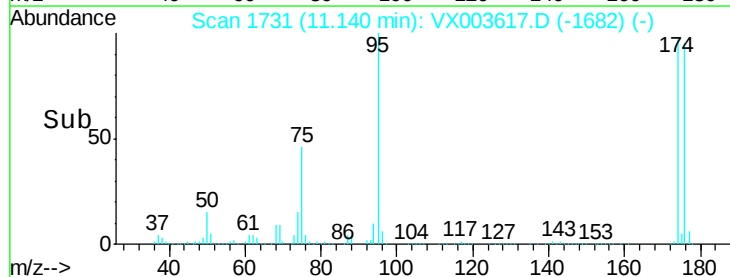
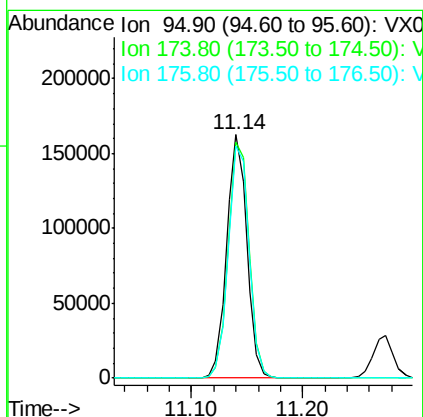
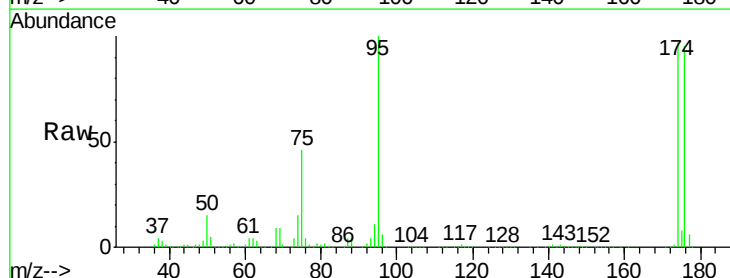
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

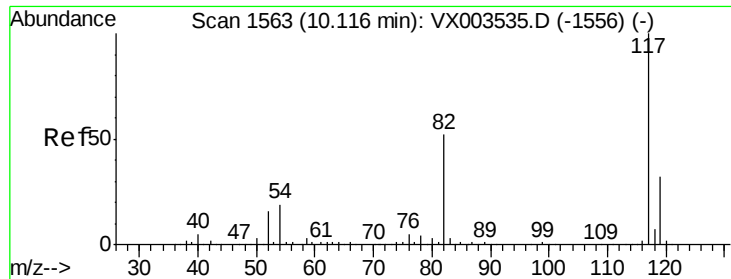
Tgt Ion: 107 Resp: 171524
 Ion Ratio Lower Upper
 107 100
 109 94.5 75.3 112.9



#62
 4-Bromofluorobenzene
 Concen: 53.720 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: VX003617.D
 Acq: 23 Jul 2018 21:23

Tgt Ion: 95 Resp: 202699
 Ion Ratio Lower Upper
 95 100
 174 100.7 0.0 187.4
 176 98.5 0.0 181.0

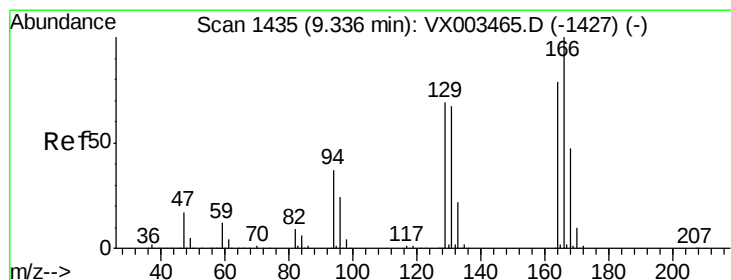
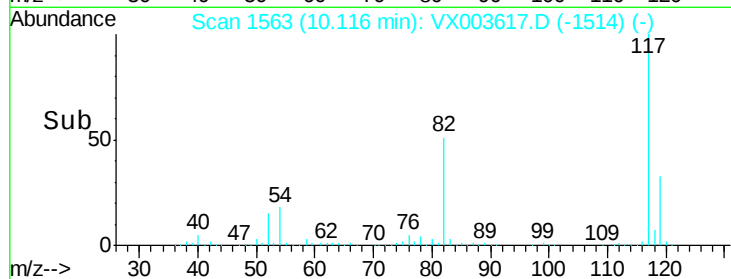
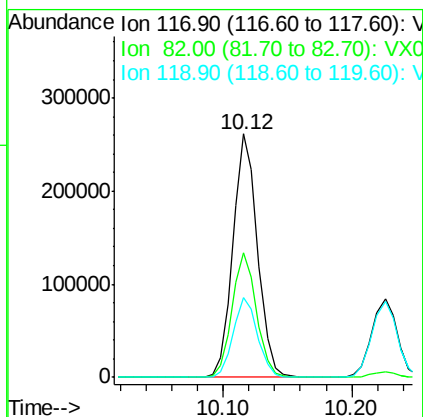
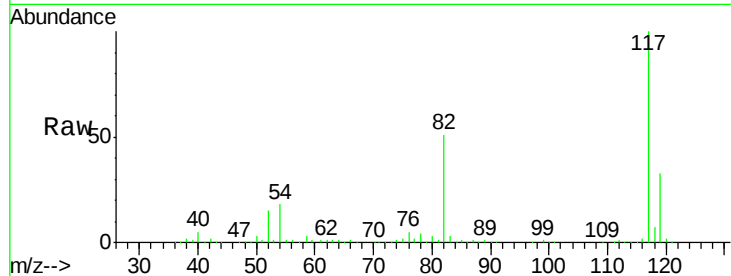




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003617.D
Acq: 23 Jul 2018 21:23

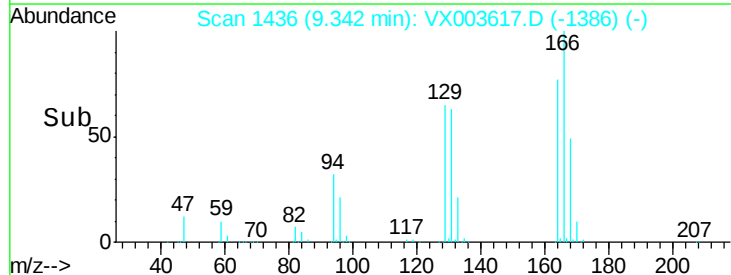
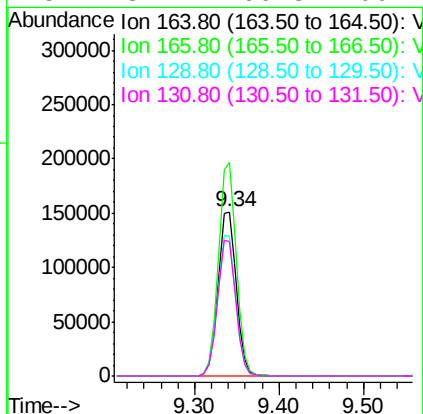
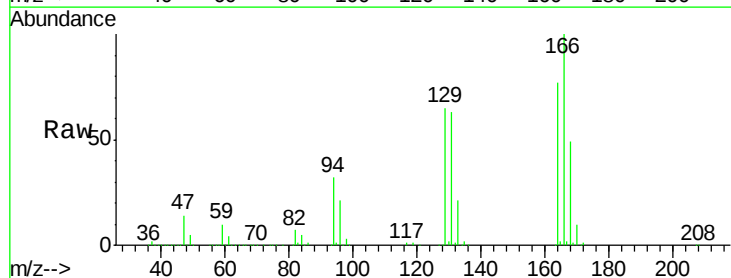
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

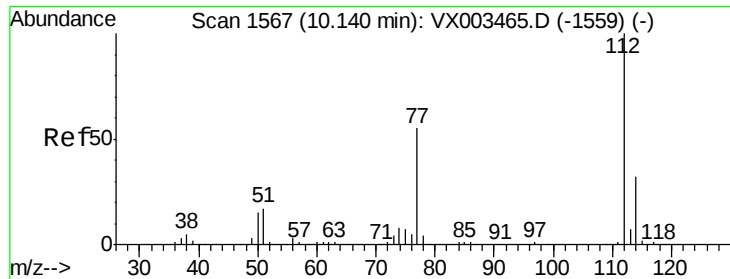
Tgt Ion:117 Resp: 348123
Ion Ratio Lower Upper
117 100
82 51.3 45.0 67.4
119 32.8 25.8 38.6



#64
Tetrachloroethene
Concen: 53.741 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.01 min
Lab File: VX003617.D
Acq: 23 Jul 2018 21:23

Tgt Ion:164 Resp: 227941
Ion Ratio Lower Upper
164 100
166 129.9 102.9 154.3
129 85.0 68.6 102.8
131 82.1 66.8 100.2





#65

Chlorobenzene

Concen: 51.845 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX003617.D

Acq: 23 Jul 2018 21:23

Instrument :

MSVOA_X

ClientSampleId :

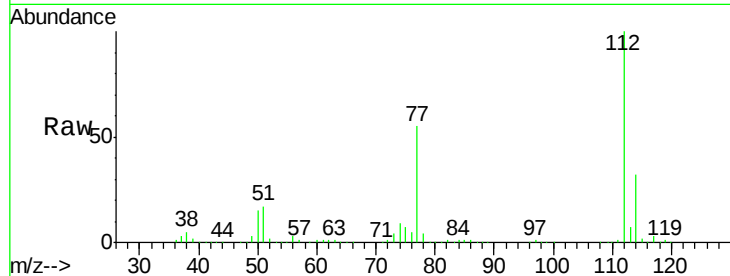
VSTDCCC050

Tgt Ion:112 Resp: 465022

Ion Ratio Lower Upper

112 100

114 32.0 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14

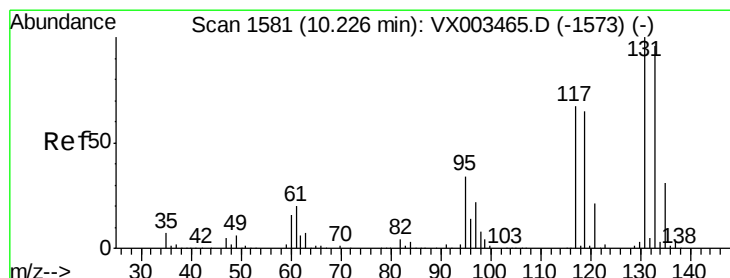
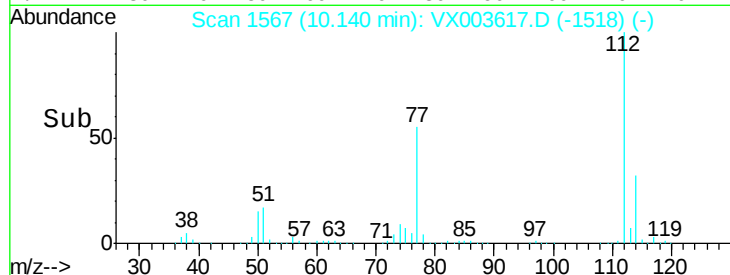
300000

200000

100000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 55.879 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX003617.D

Acq: 23 Jul 2018 21:23

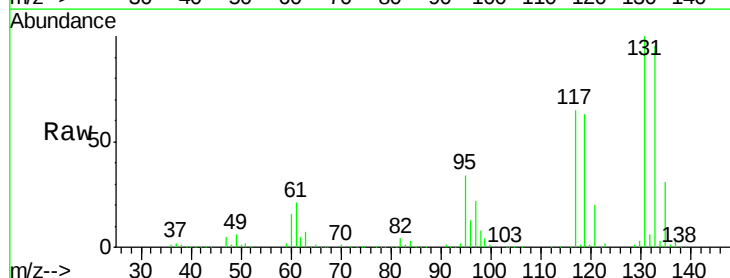
Tgt Ion:131 Resp: 172445

Ion Ratio Lower Upper

131 100

133 95.6 47.9 143.6

119 64.2 31.8 95.3



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.23

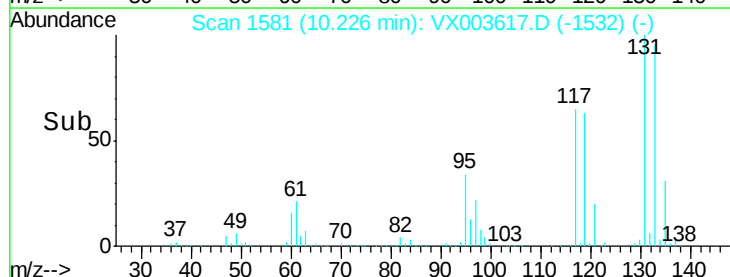
150000

100000

50000

0

Time-->





#67

Ethyl Benzene

Concen: 53.033 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX003617.D

Acq: 23 Jul 2018 21:23

Instrument :

MSVOA_X

ClientSampleId :

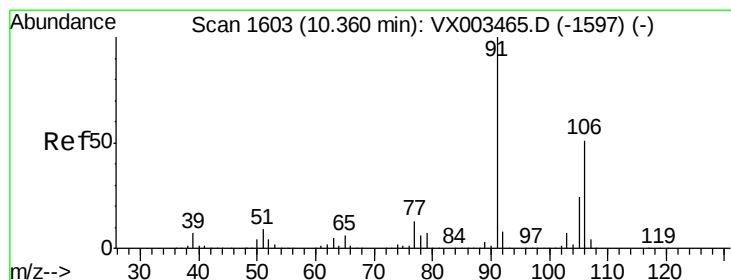
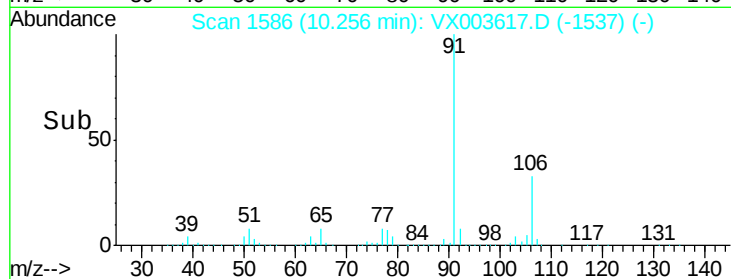
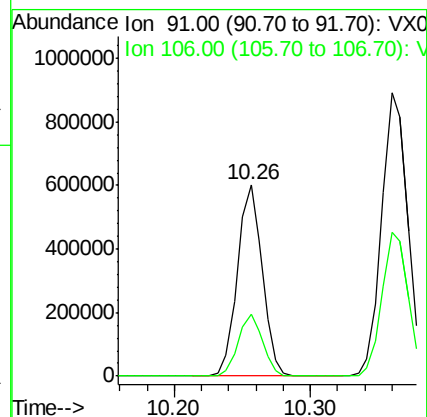
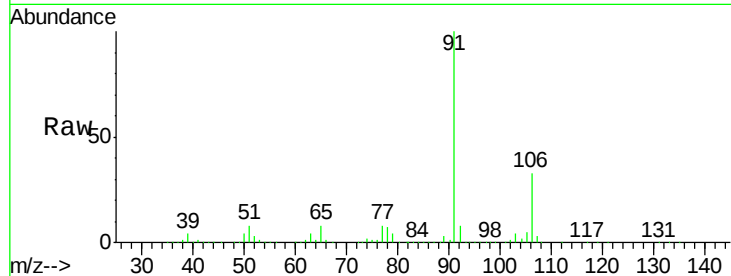
VSTDCCC050

Tgt Ion: 91 Resp: 764813

Ion Ratio Lower Upper

91 100

106 32.5 25.5 38.3



#68

m/p-Xylenes

Concen: 107.360 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. 0.00 min

Lab File: VX003617.D

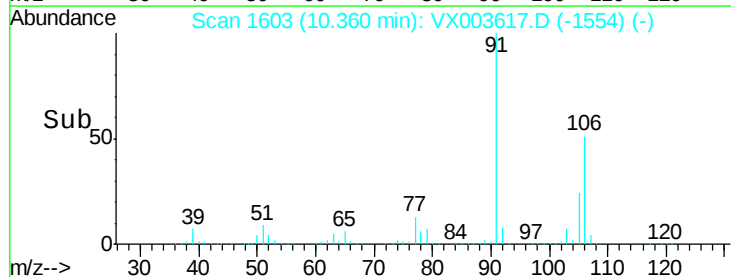
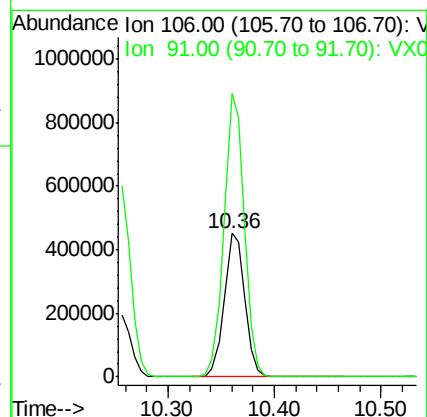
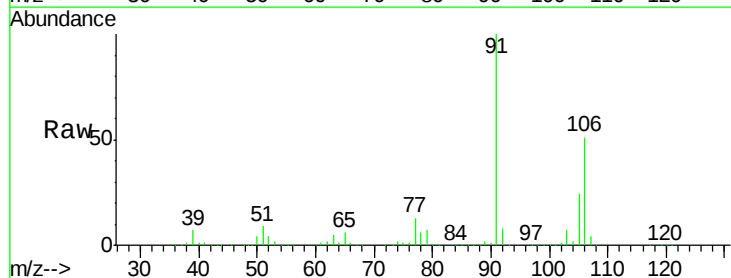
Acq: 23 Jul 2018 21:23

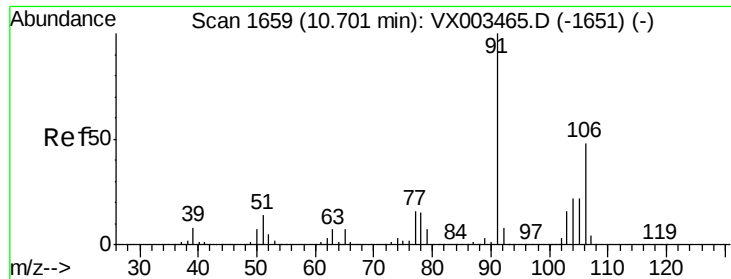
Tgt Ion: 106 Resp: 606996

Ion Ratio Lower Upper

106 100

91 195.2 163.4 245.2

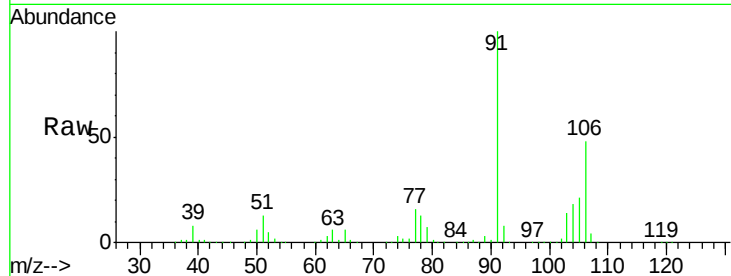




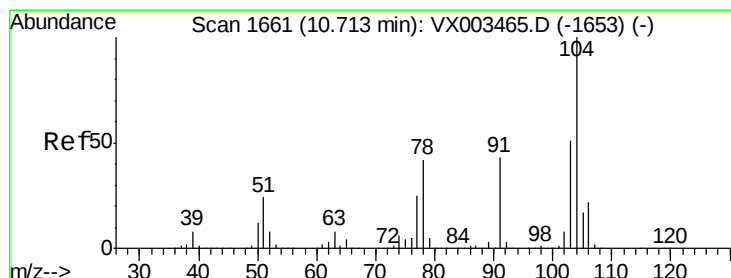
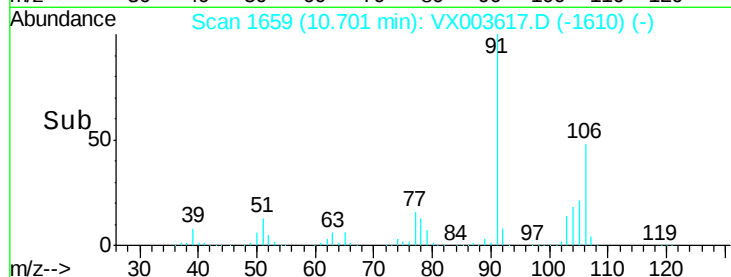
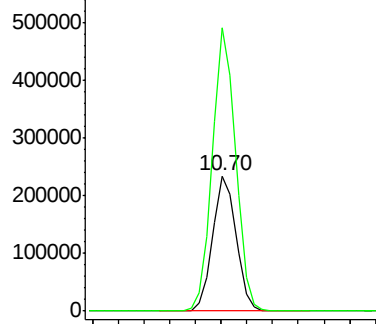
#69
o-Xylene
Concen: 53.961 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003617.D
Acq: 23 Jul 2018 21:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 295020
Ion Ratio Lower Upper
106 100
91 207.2 108.2 324.6

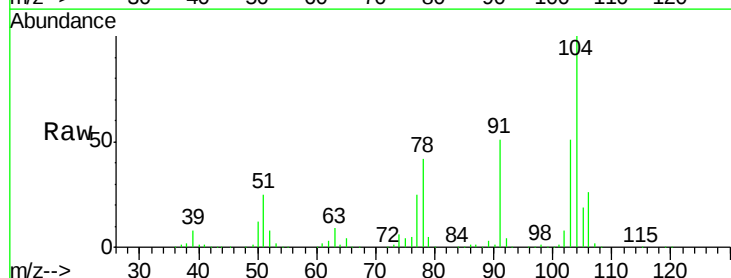


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

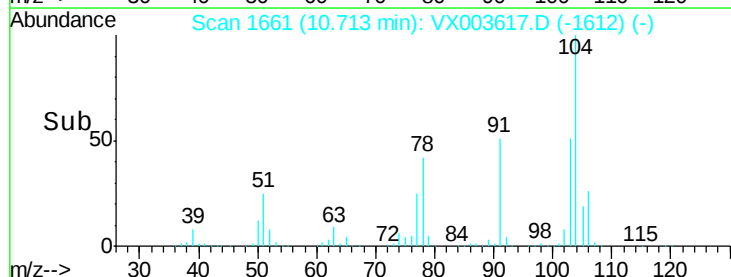
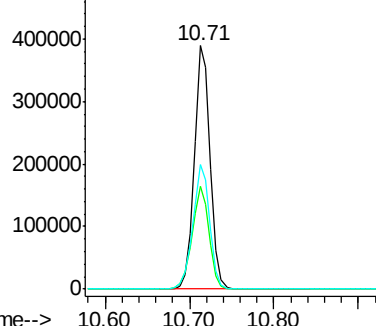


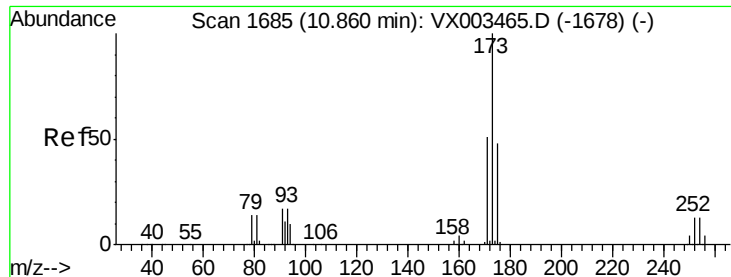
#70
Styrene
Concen: 56.011 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003617.D
Acq: 23 Jul 2018 21:23

Tgt Ion:104 Resp: 503707
Ion Ratio Lower Upper
104 100
78 45.5 41.0 61.6
103 54.6 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: 59.576 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX003617.D

Acq: 23 Jul 2018 21:23

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

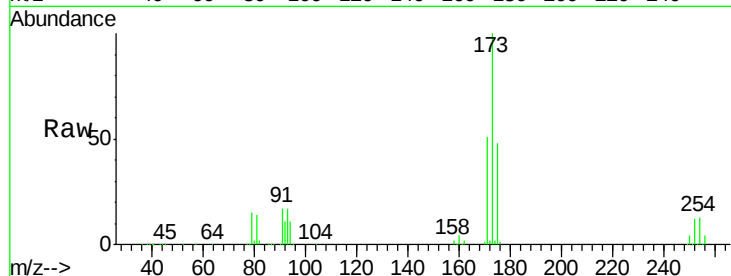
Tgt Ion:173 Resp: 142850

Ion Ratio Lower Upper

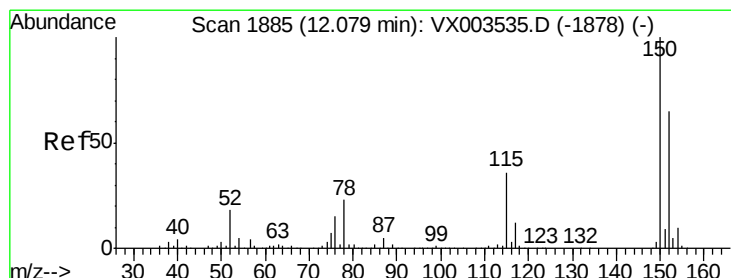
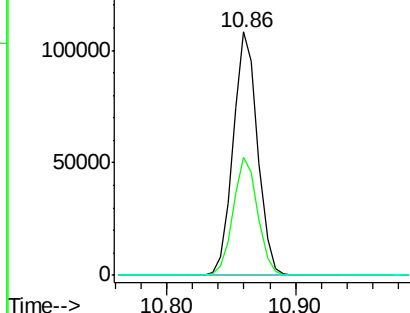
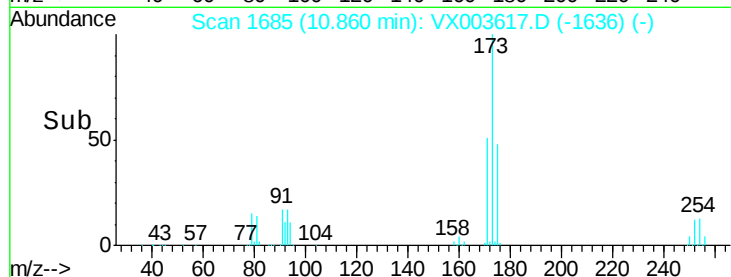
173 100

175 48.4 24.7 74.1

254 0.2 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: 50.000 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003617.D

Acq: 23 Jul 2018 21:23

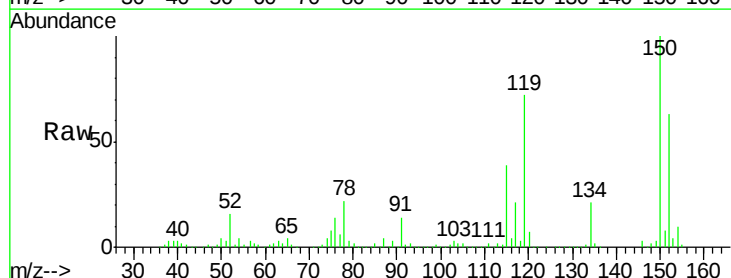
Tgt Ion:152 Resp: 219481

Ion Ratio Lower Upper

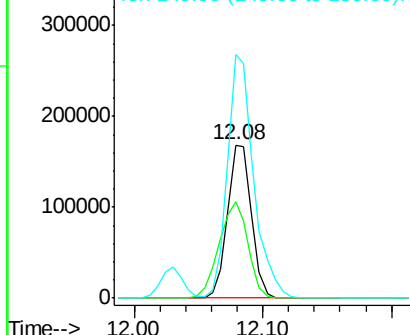
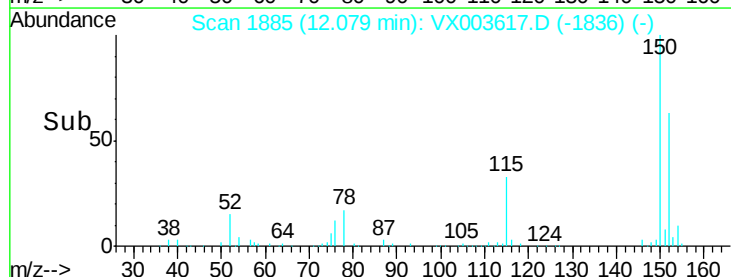
152 100

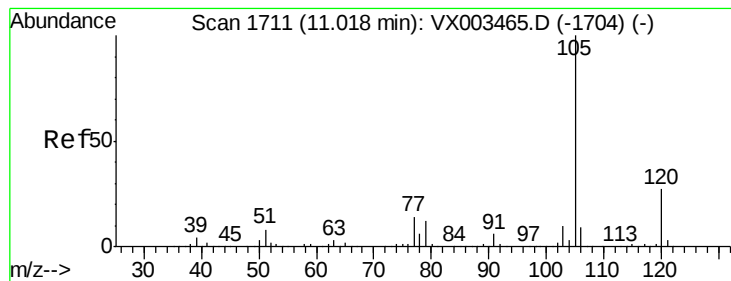
115 75.9 40.1 120.2

150 174.6 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: 52.033 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.01 min

Lab File: VX003617.D

Acq: 23 Jul 2018 21:23

Instrument :

MSVOA_X

ClientSampleId :

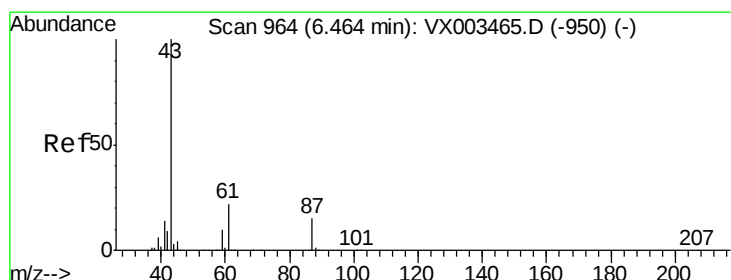
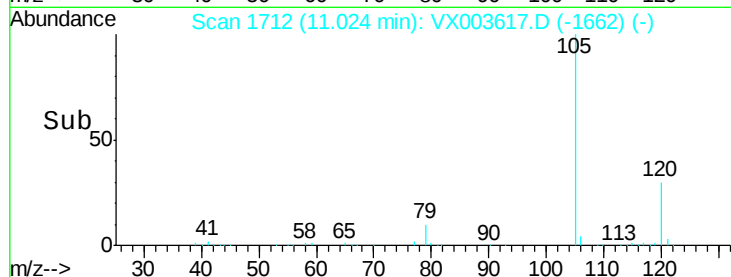
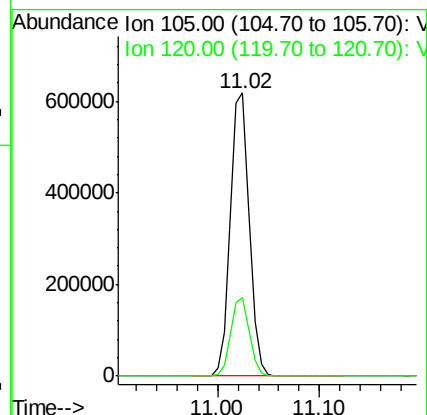
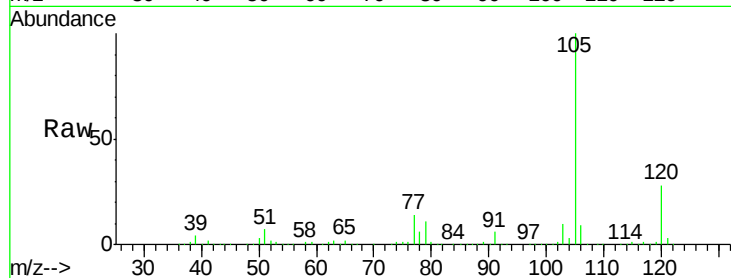
VSTDCCC050

Tgt Ion:105 Resp: 789827

Ion Ratio Lower Upper

105 100

120 27.3 13.5 40.4



#74

N-ethyl acetate

Concen: 49.109 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.01 min

Lab File: VX003617.D

Acq: 23 Jul 2018 21:23

Tgt Ion: 43 Resp: 316523

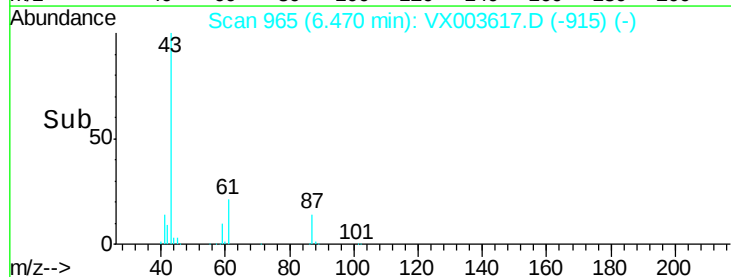
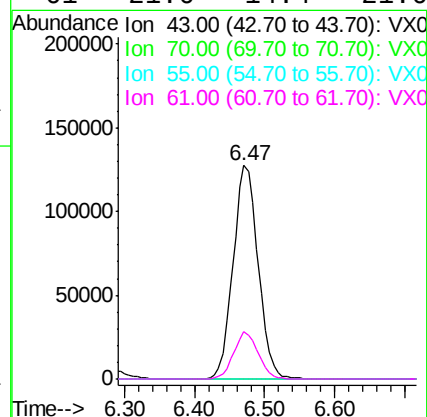
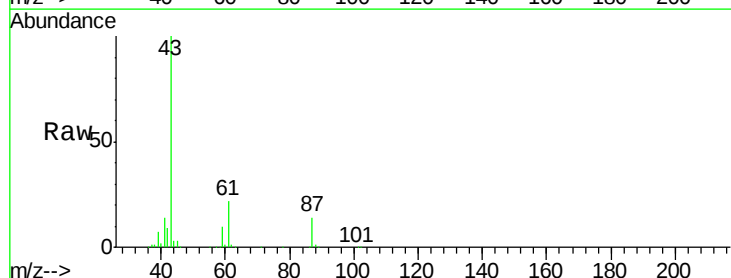
Ion Ratio Lower Upper

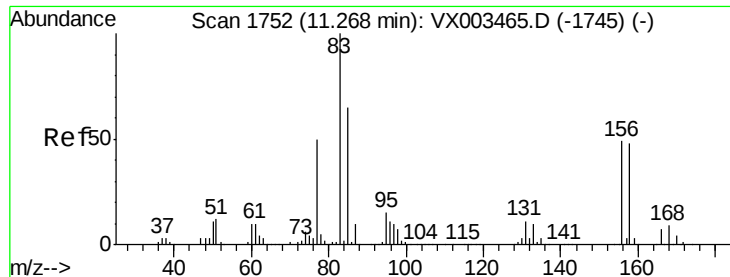
43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

61 21.6 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 52.468 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.01 min

Lab File: VX003617.D

Acq: 23 Jul 2018 21:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

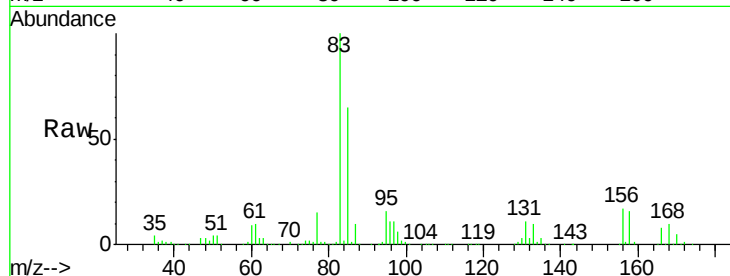
Tgt Ion: 83 Resp: 233387

Ion Ratio Lower Upper

83 100

131 11.2 5.6 16.8

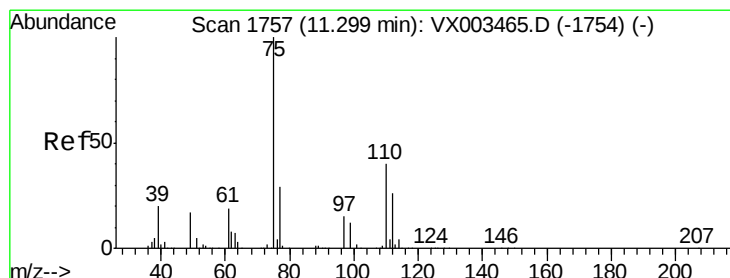
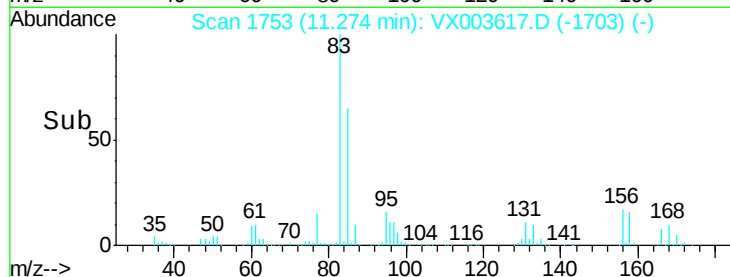
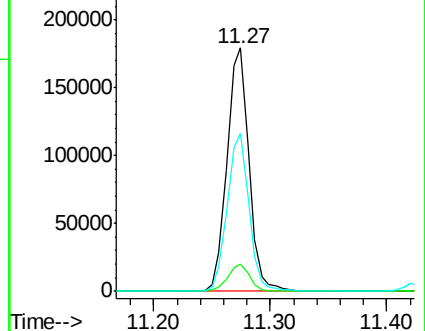
85 64.5 32.4 97.2



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: 68.568 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX003617.D

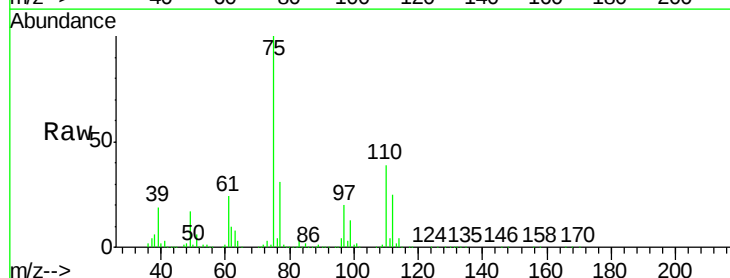
Acq: 23 Jul 2018 21:23

Tgt Ion: 75 Resp: 270357

Ion Ratio Lower Upper

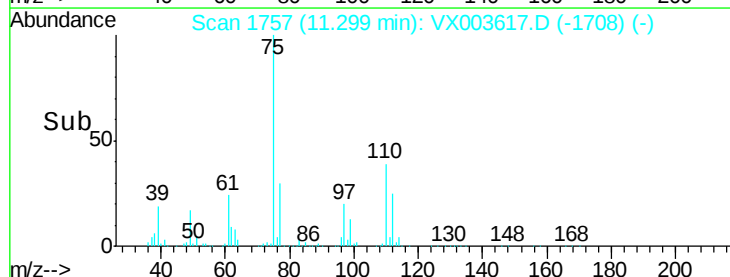
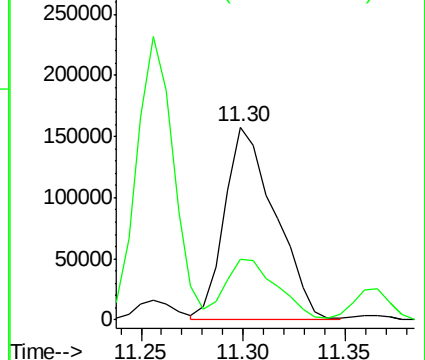
75 100

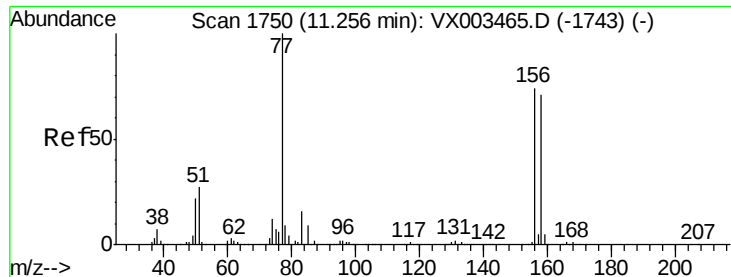
77 32.2 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 51.278 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX003617.D

Acq: 23 Jul 2018 21:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

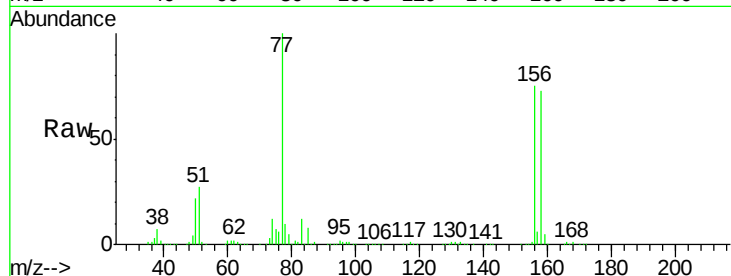
Tgt Ion:156 Resp: 223869

Ion Ratio Lower Upper

156 100

77 129.5 71.4 214.2

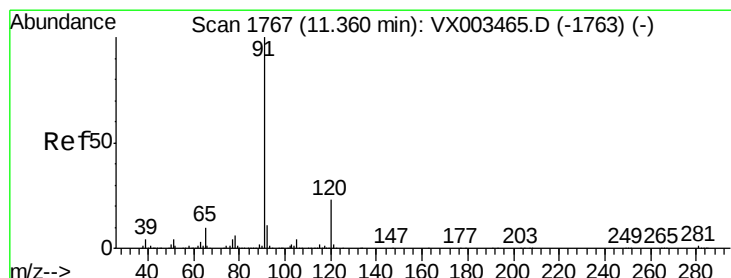
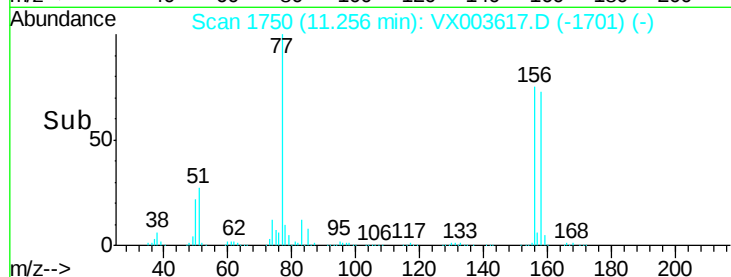
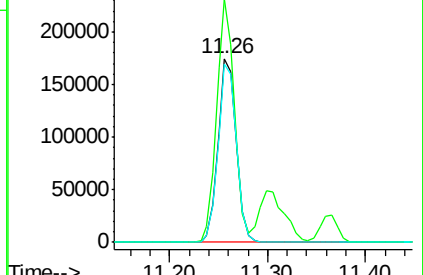
158 97.8 48.9 146.6



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: 51.875 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.01 min

Lab File: VX003617.D

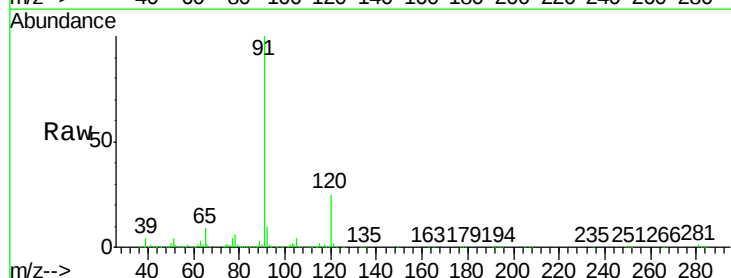
Acq: 23 Jul 2018 21:23

Tgt Ion: 91 Resp: 875290

Ion Ratio Lower Upper

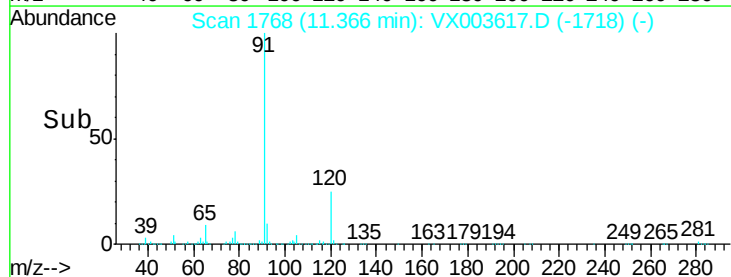
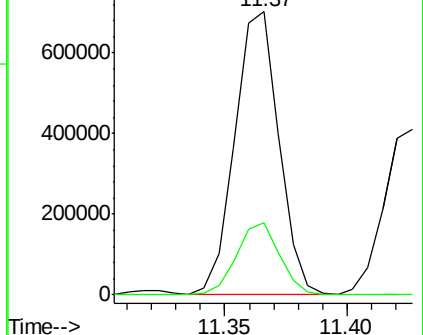
91 100

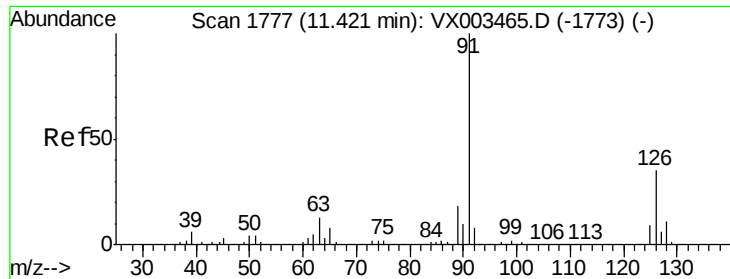
120 25.1 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

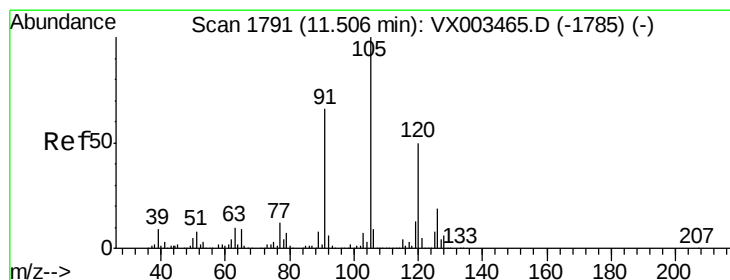
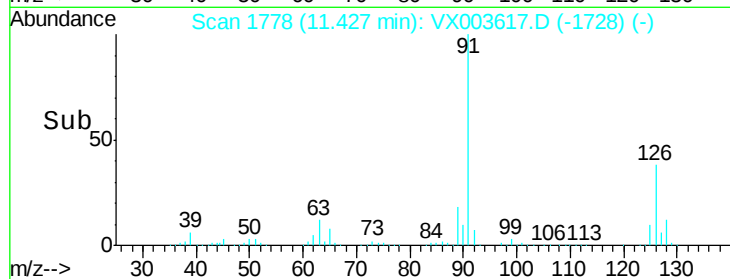
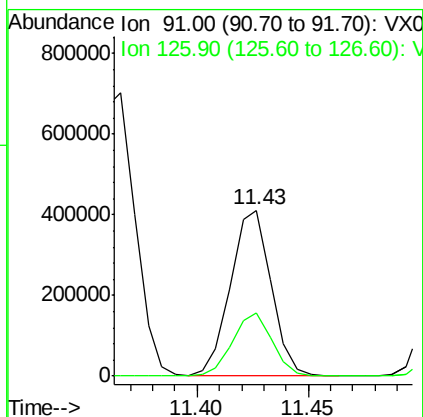
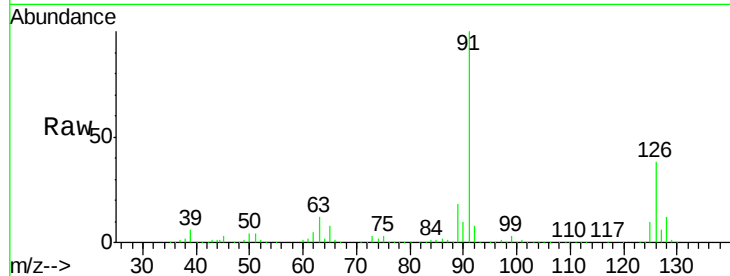




#79
 2-Chlorotoluene
 Concen: 50.973 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. 0.01 min
 Lab File: VX003617.D
 Acq: 23 Jul 2018 21:23

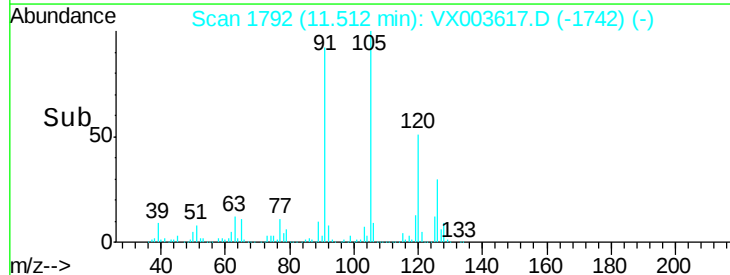
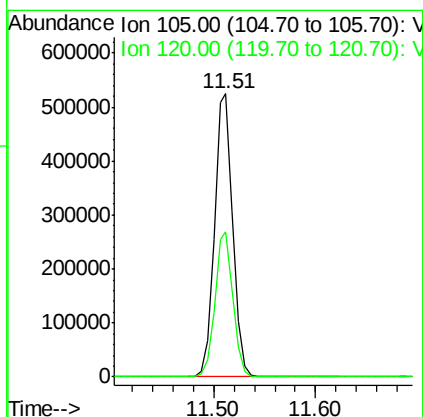
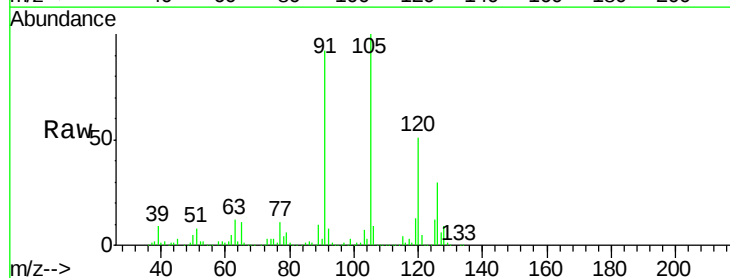
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

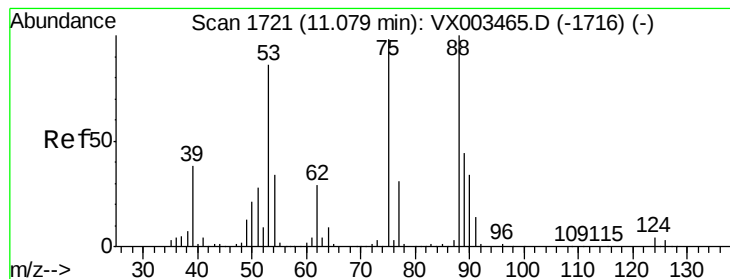
Tgt Ion: 91 Resp: 522122
 Ion Ratio Lower Upper
 91 100
 126 37.1 17.7 53.1



#80
 1,3,5-Trimethylbenzene
 Concen: 52.713 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX003617.D
 Acq: 23 Jul 2018 21:23

Tgt Ion: 105 Resp: 657583
 Ion Ratio Lower Upper
 105 100
 120 50.6 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 46.576 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX003617.D

Acq: 23 Jul 2018 21:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

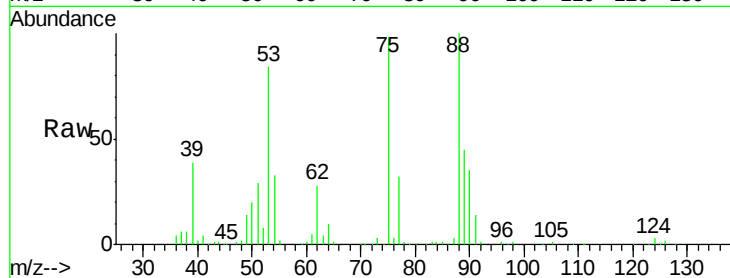
Tgt Ion: 75 Resp: 64424

Ion Ratio Lower Upper

75 100

53 87.7 86.8 130.2

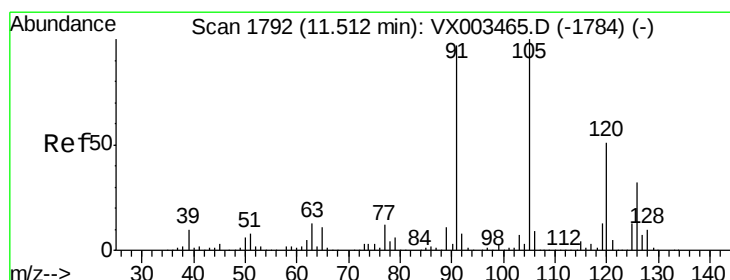
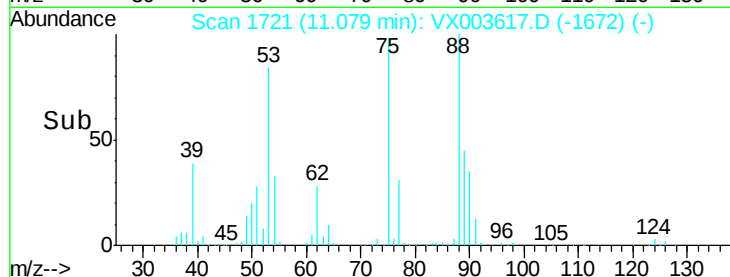
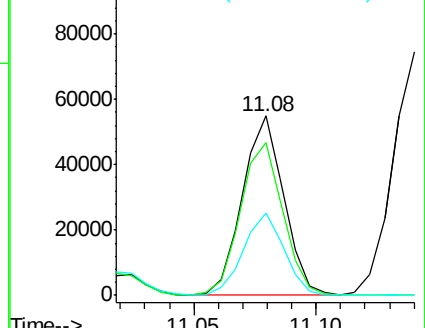
89 45.6 38.2 57.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 50.517 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003617.D

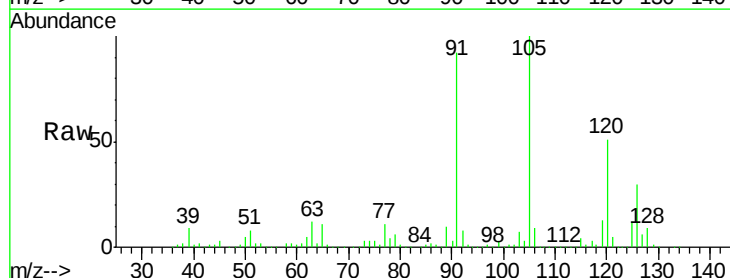
Acq: 23 Jul 2018 21:23

Tgt Ion: 91 Resp: 606325

Ion Ratio Lower Upper

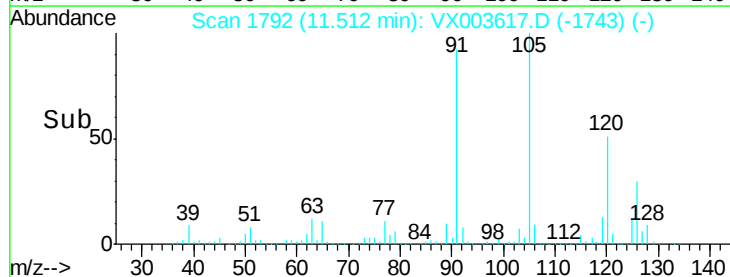
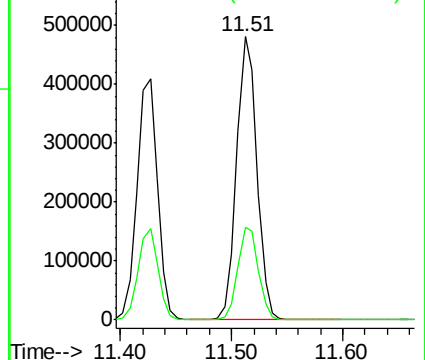
91 100

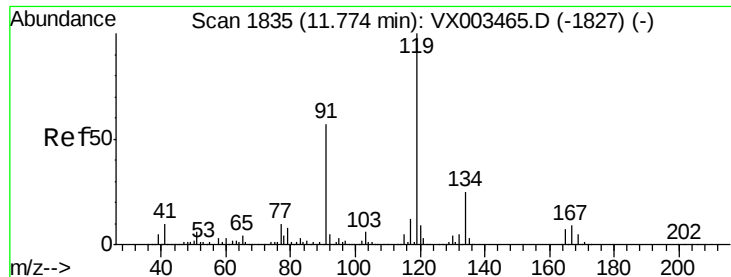
126 33.3 15.4 46.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

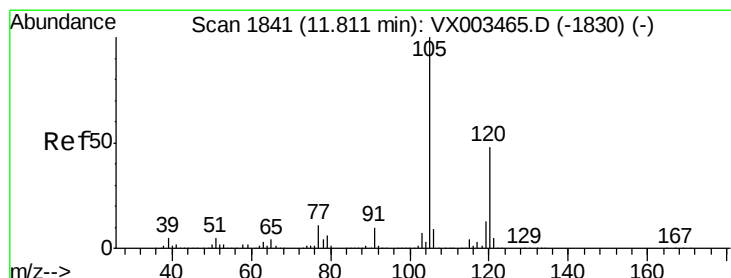
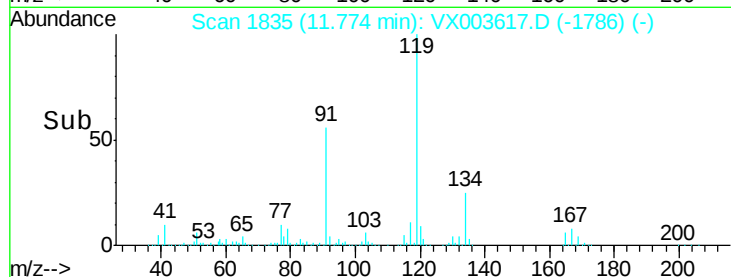
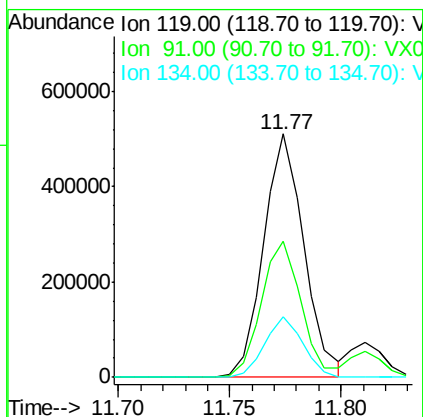
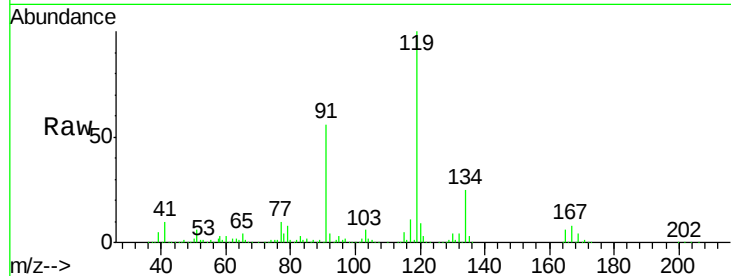




#83
 tert-Butylbenzene
 Concen: 52.605 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX003617.D
 Acq: 23 Jul 2018 21:23

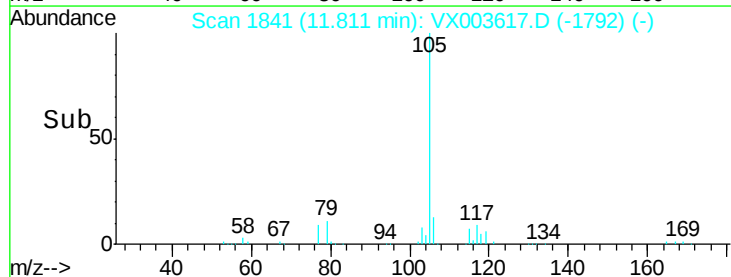
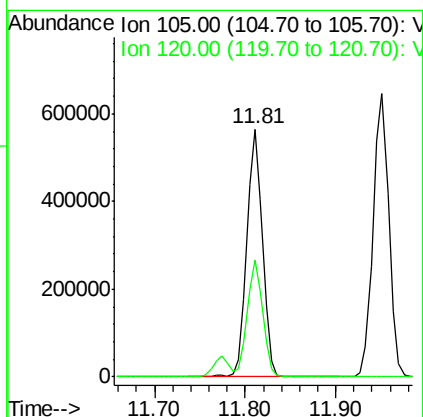
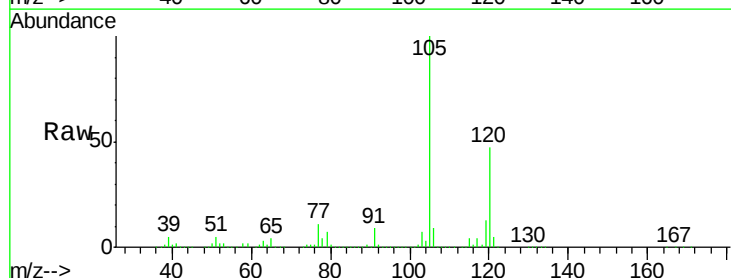
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

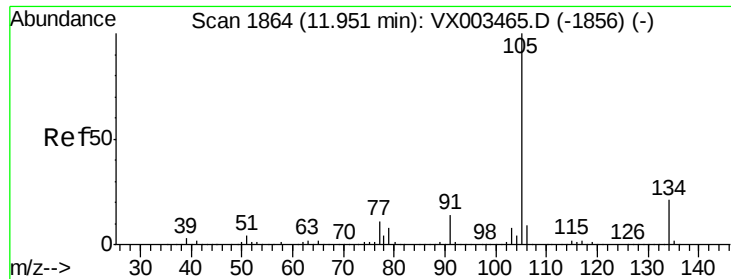
Tgt Ion:119 Resp: 642670
 Ion Ratio Lower Upper
 119 100
 91 55.5 30.3 90.9
 134 23.8 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 53.219 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003617.D
 Acq: 23 Jul 2018 21:23

Tgt Ion:105 Resp: 675549
 Ion Ratio Lower Upper
 105 100
 120 46.8 22.3 66.8

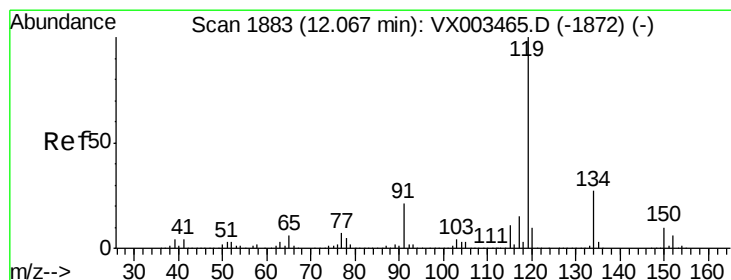
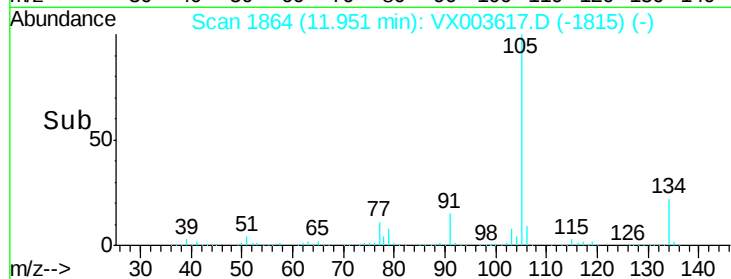
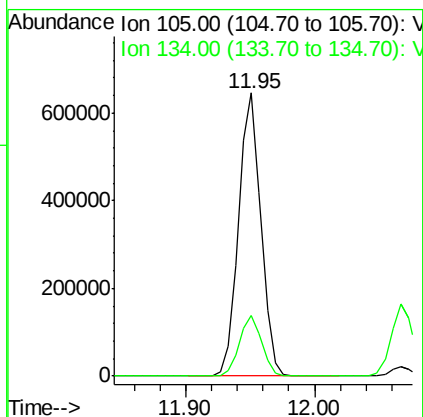
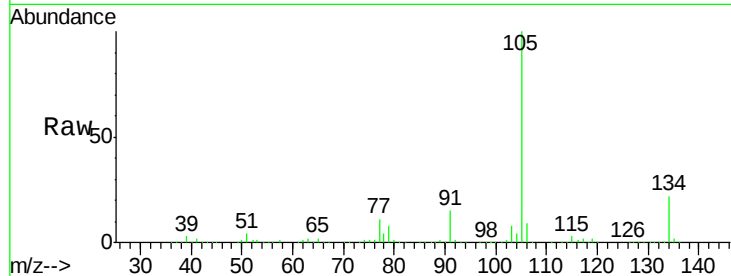




#85
 sec-Butylbenzene
 Concen: 52.337 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX003617.D
 Acq: 23 Jul 2018 21:23

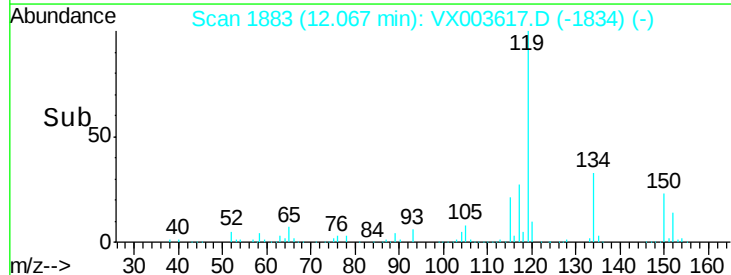
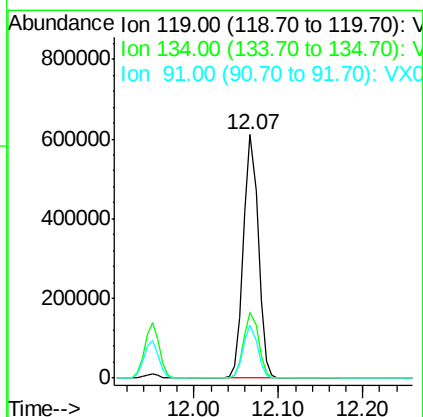
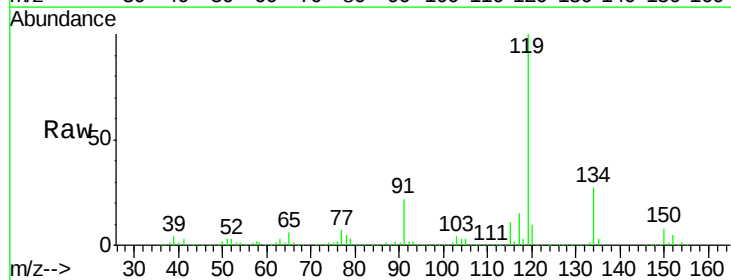
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

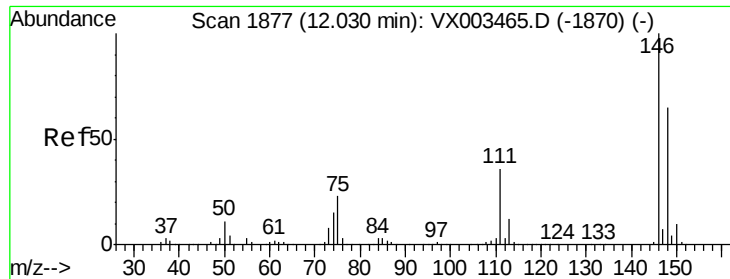
Tgt Ion:105 Resp: 776623
 Ion Ratio Lower Upper
 105 100
 134 21.5 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 53.191 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VX003617.D
 Acq: 23 Jul 2018 21:23

Tgt Ion:119 Resp: 708344
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.4 40.1
 91 21.2 11.9 35.7

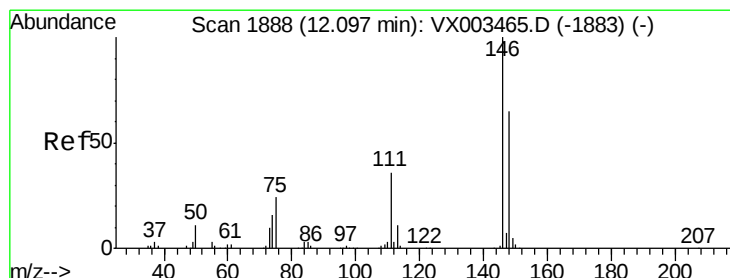
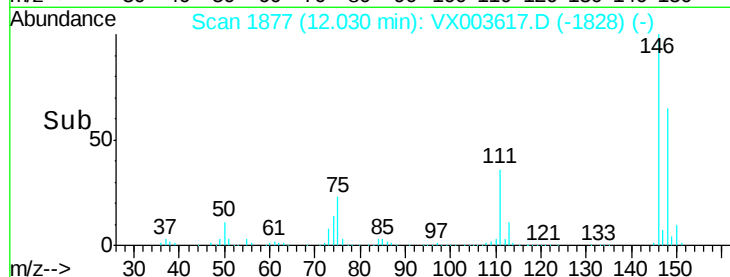
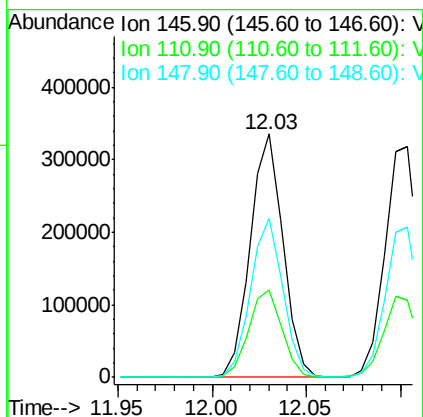
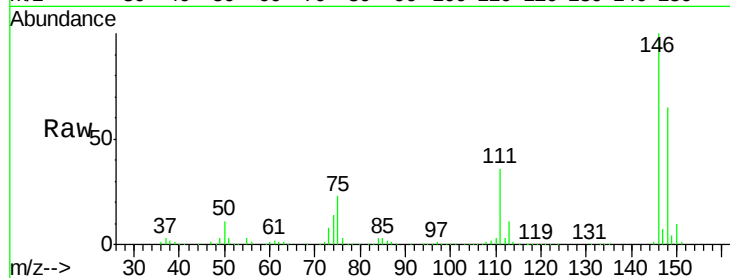




#87
 1,3-Dichlorobenzene
 Concen: 50.433 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX003617.D
 Acq: 23 Jul 2018 21:23

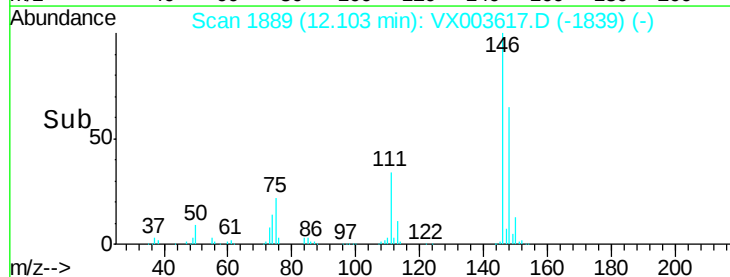
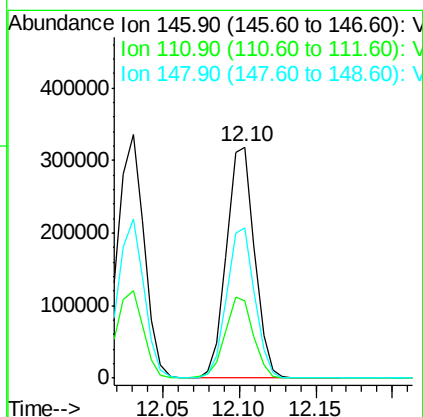
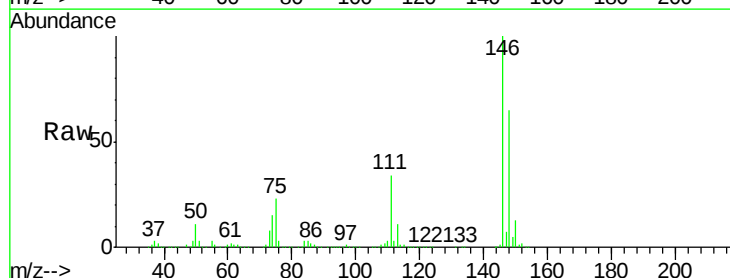
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

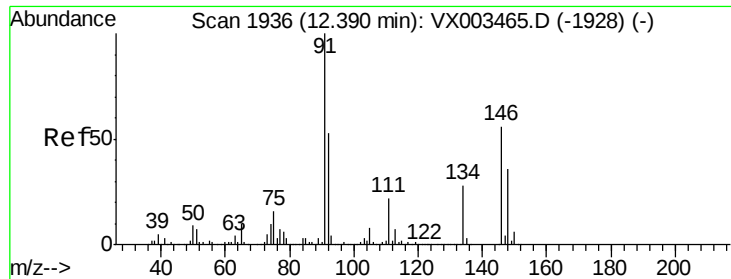
Tgt Ion:146 Resp: 404736
 Ion Ratio Lower Upper
 146 100
 111 36.3 18.9 56.7
 148 64.5 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 49.077 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.01 min
 Lab File: VX003617.D
 Acq: 23 Jul 2018 21:23

Tgt Ion:146 Resp: 405719
 Ion Ratio Lower Upper
 146 100
 111 35.2 18.7 56.1
 148 64.9 32.4 97.0

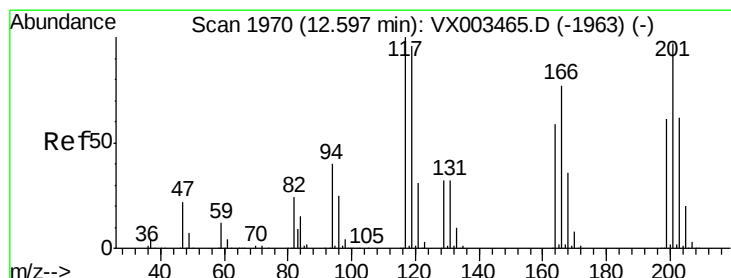
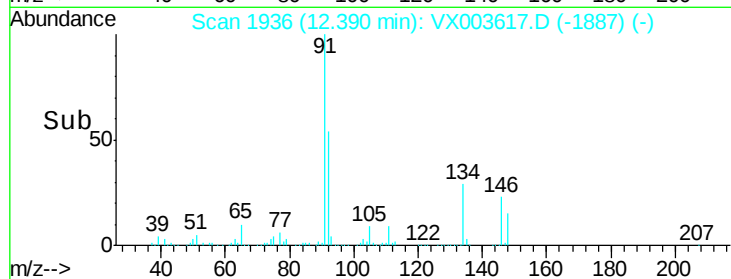
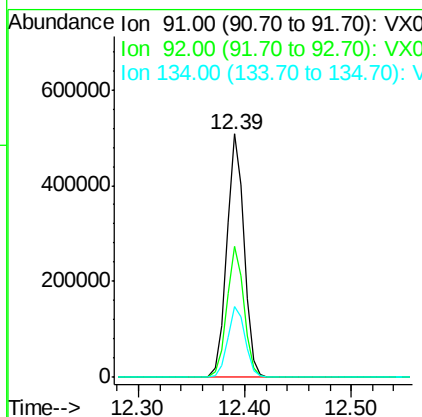
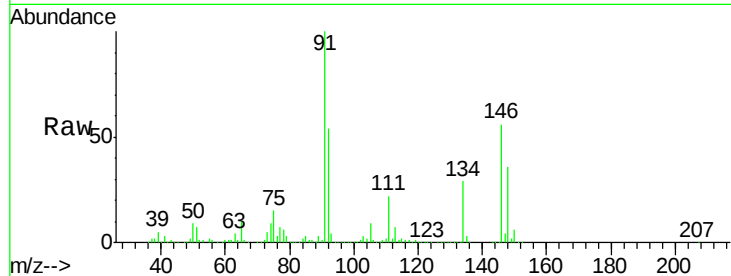




#89
n-Butylbenzene
Concen: 50.946 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX003617.D
Acq: 23 Jul 2018 21:23

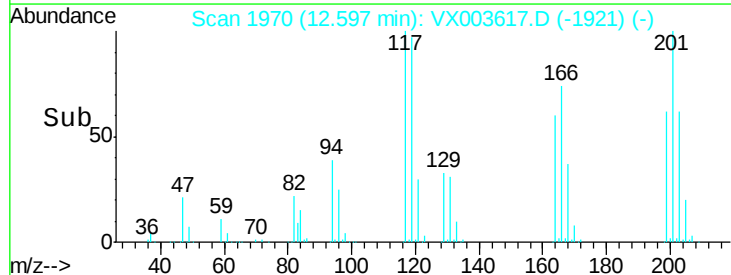
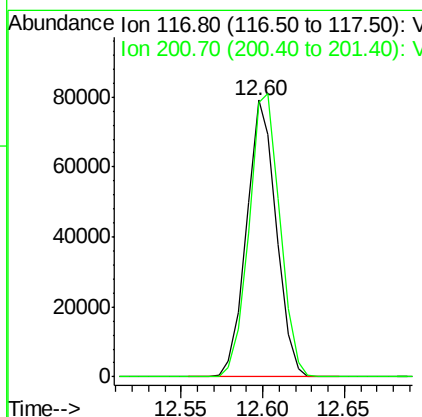
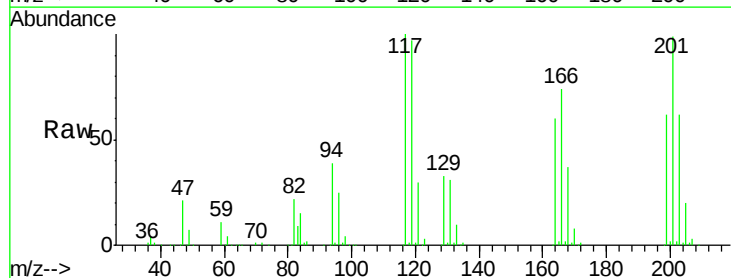
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

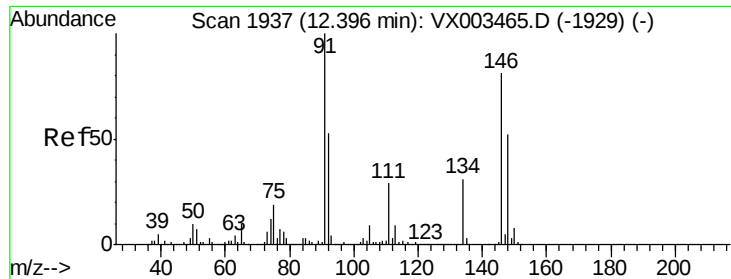
Tgt Ion: 91 Resp: 576105
Ion Ratio Lower Upper
91 100
92 53.4 26.0 78.0
134 29.4 13.5 40.5



#90
Hexachloroethane
Concen: 53.142 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VX003617.D
Acq: 23 Jul 2018 21:23

Tgt Ion: 117 Resp: 100602
Ion Ratio Lower Upper
117 100
201 106.3 49.0 147.0

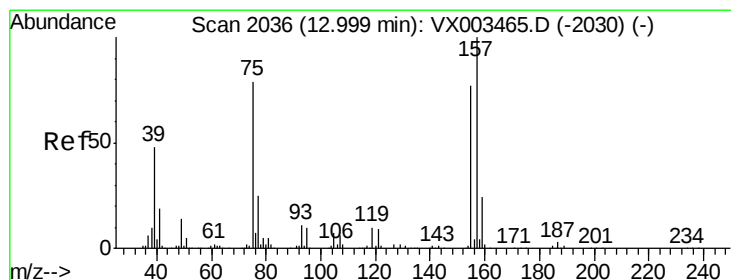
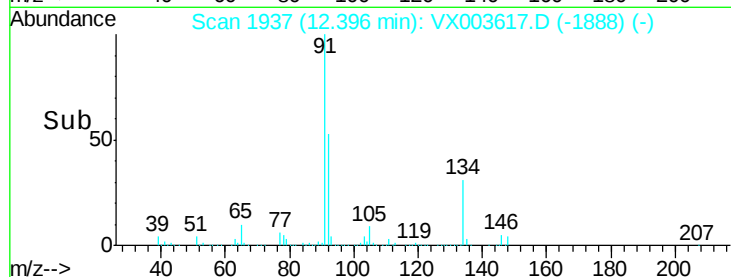
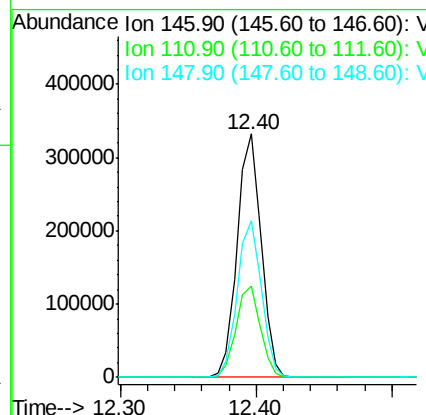
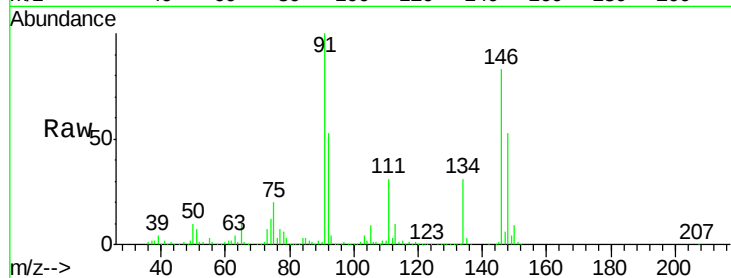




#91
 1,2-Dichlorobenzene
 Concen: 51.582 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX003617.D
 Acq: 23 Jul 2018 21:23

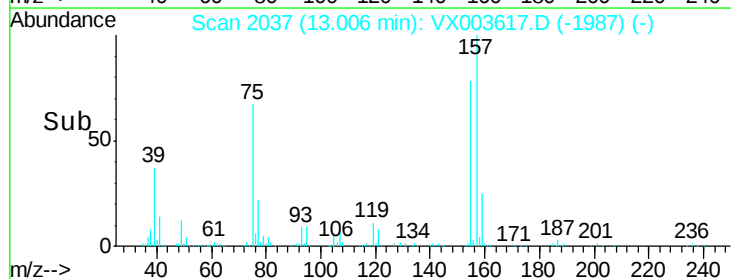
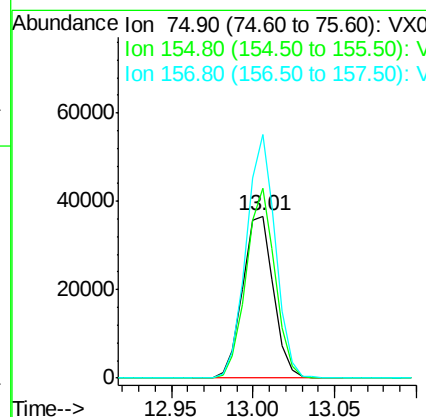
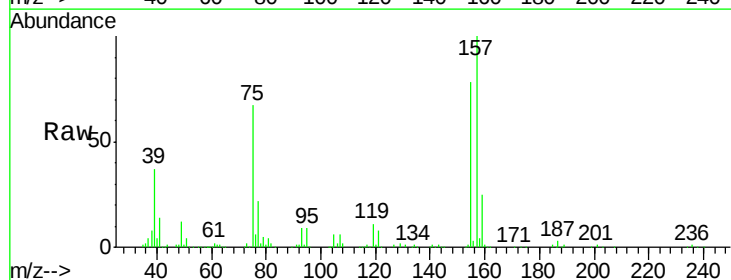
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

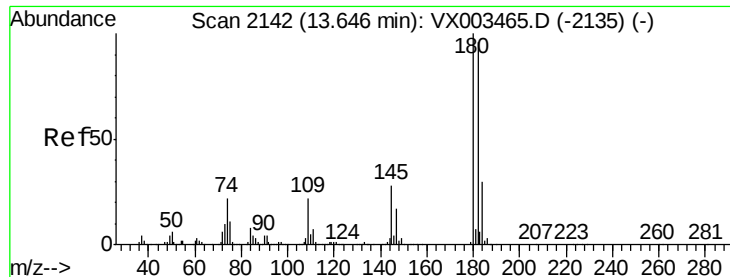
Tgt Ion:146 Resp: 407986
 Ion Ratio Lower Upper
 146 100
 111 37.8 19.4 58.1
 148 64.9 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.738 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.01 min
 Lab File: VX003617.D
 Acq: 23 Jul 2018 21:23

Tgt Ion: 75 Resp: 48250
 Ion Ratio Lower Upper
 75 100
 155 109.8 45.8 137.4
 157 142.5 60.1 180.3

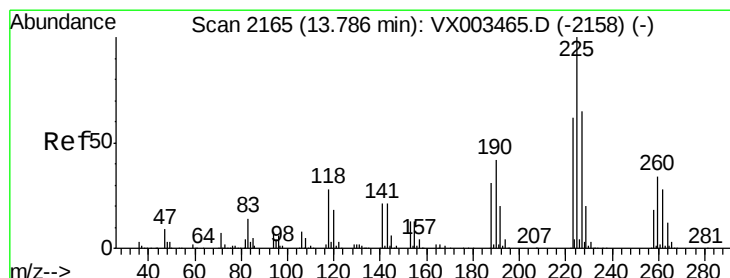
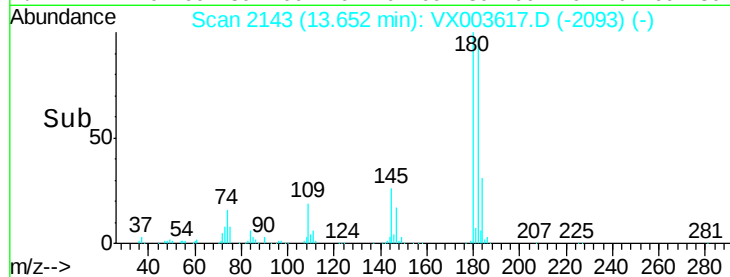
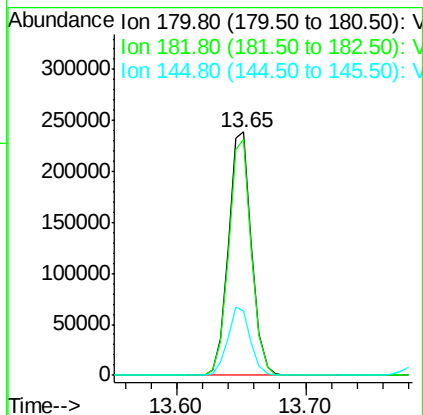
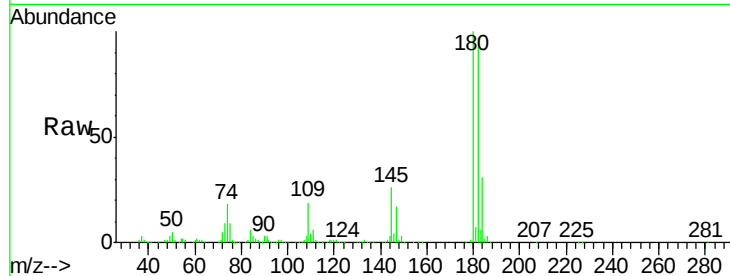




#93
 1,2,4-Trichlorobenzene
 Concen: 51.559 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.01 min
 Lab File: VX003617.D
 Acq: 23 Jul 2018 21:23

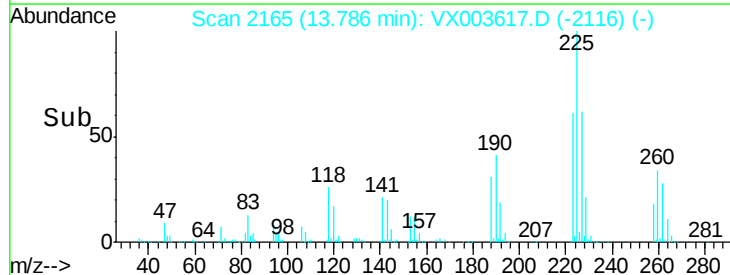
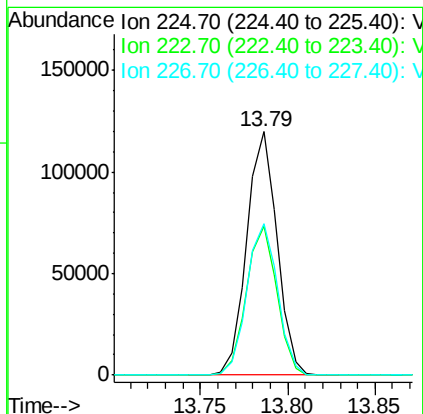
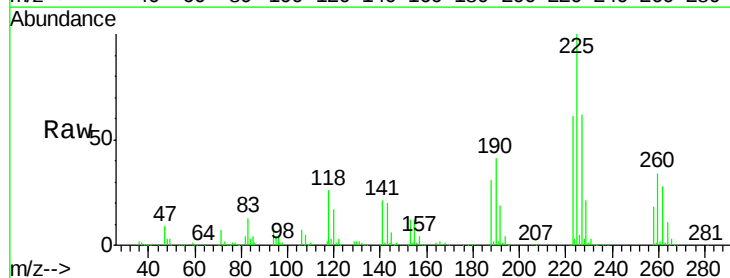
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

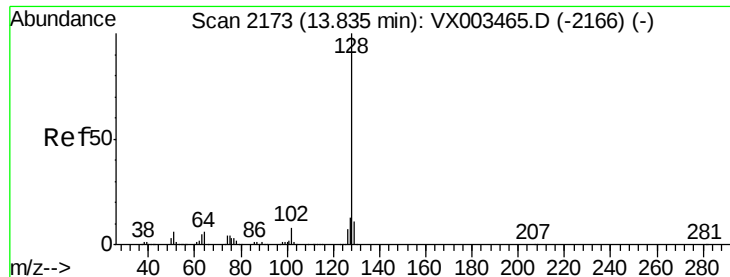
Tgt Ion:180 Resp: 298877
 Ion Ratio Lower Upper
 180 100
 182 95.5 47.7 143.1
 145 27.5 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 51.697 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003617.D
 Acq: 23 Jul 2018 21:23

Tgt Ion:225 Resp: 144124
 Ion Ratio Lower Upper
 225 100
 223 61.7 31.6 95.0
 227 63.2 32.4 97.2

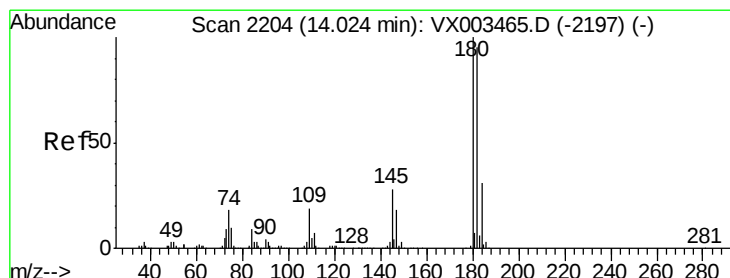
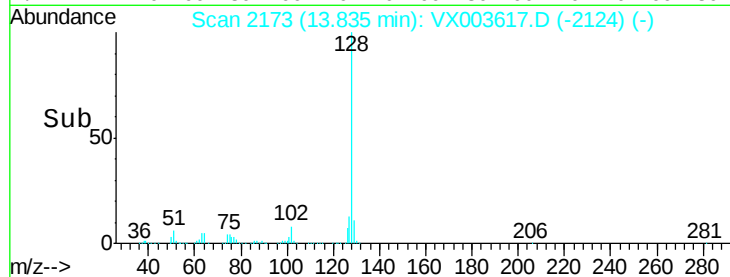
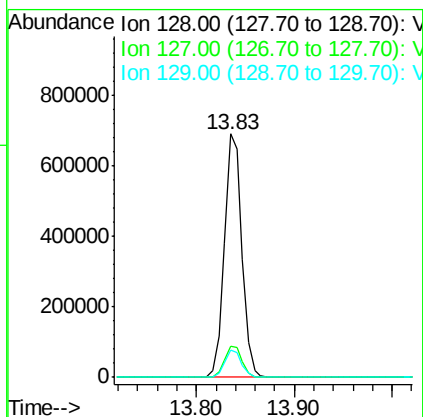
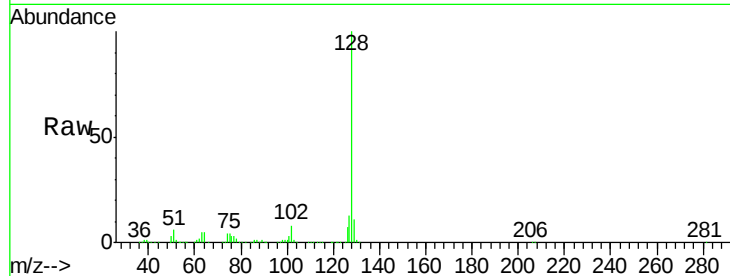




#95
Naphthalene
Concen: 55.798 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX003617.D
Acq: 23 Jul 2018 21:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 849935
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 53.576 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX003617.D
Acq: 23 Jul 2018 21:23

Tgt Ion:180 Resp: 307446
Ion Ratio Lower Upper
180 100
182 95.9 48.0 144.0
145 28.6 14.8 44.3

