

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061618\
 Data File : VX002675.D
 Acq On : 17 Jun 2018 03:49
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 18 01:44:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	219690	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	313374	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	306071	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	196118	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	157663	47.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.46%	
35) Dibromofluoromethane	5.51	113	126855	50.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.44%	
50) Toluene-d8	8.72	98	470370	49.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.06%	
62) 4-Bromofluorobenzene	11.14	95	179015	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	103824	44.517	ug/l	99
3) Chloromethane	1.32	50	114603	41.308	ug/l	99
4) Vinyl Chloride	1.41	62	131237	45.586	ug/l	98
5) Bromomethane	1.64	94	74039	42.623	ug/l	99
6) Chloroethane	1.72	64	88116	46.438	ug/l	98
7) Trichlorofluoromethane	1.93	101	222287	47.525	ug/l	99
8) Diethyl Ether	2.19	74	82084	46.141	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	121925	46.634	ug/l	99
10) Methyl Iodide	2.51	142	146696	42.450	ug/l	98
11) Tert butyl alcohol	3.08	59	144603	209.524	ug/l	100
12) 1,1-Dichloroethene	2.37	96	113409	46.200	ug/l	97
13) Acrolein	2.30	56	61097	190.516	ug/l	100
14) Allyl chloride	2.73	41	218006	44.729	ug/l	99
15) Acrylonitrile	3.15	53	340234	225.917	ug/l	100
16) Acetone	2.45	43	312583	212.224	ug/l	100
17) Carbon Disulfide	2.57	76	283473	48.690	ug/l	98
18) Methyl Acetate	2.78	43	185809	47.352	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	426968	46.366	ug/l	99
20) Methylene Chloride	2.86	84	130437	43.191	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	122785	46.107	ug/l	98
22) Diisopropyl ether	3.88	45	415153	47.080	ug/l	99
23) Vinyl Acetate	3.83	43	1700109	230.353	ug/l	99
24) 1,1-Dichloroethane	3.70	63	235800	49.268	ug/l	99
25) 2-Butanone	4.71	43	443697	229.384	ug/l	100
26) 2,2-Dichloropropane	4.59	77	123011	35.770	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	131180	48.413	ug/l	91
28) Bromochloromethane	5.02	49	111601	49.792	ug/l	96
29) Tetrahydrofuran	5.17	42	289918	228.696	ug/l	97
30) Chloroform	5.22	83	227073	49.201	ug/l	96
31) Cyclohexane	5.58	56	179728	45.610	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	196677	50.952	ug/l	99
36) 1,1-Dichloropropene	5.81	75	163502	49.126	ug/l	100
37) Ethyl Acetate	4.87	43	179238	47.580	ug/l	100
38) Carbon Tetrachloride	5.79	117	172426	52.027	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	181871	46.744	ug/l	99
40) Benzene	6.15	78	488945	48.994	ug/l	100
41) Methacrylonitrile	5.07	41	103350	48.590	ug/l	97
42) 1,2-Dichloroethane	6.20	62	191051	49.447	ug/l	100
43) Isopropyl Acetate	6.47	43	297253	47.627	ug/l	99
44) Trichloroethene	7.22	130	139837	48.547	ug/l	98
45) 1,2-Dichloropropane	7.52	63	130220	49.579	ug/l	99
46) Dibromomethane	7.67	93	89029	50.673	ug/l	98
47) Bromodichloromethane	7.90	83	165629	53.450	ug/l	99
48) Methyl methacrylate	7.78	41	152966	47.960	ug/l	97
49) 1,4-Dioxane	7.76	88	55323	915.942	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	960689	239.729	ug/l	99
52) Toluene	8.79	92	317658	49.899	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	187403	45.893	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	171595	44.247	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	130732	50.823	ug/l	99
56) Ethyl methacrylate	9.18	69	199687	50.444	ug/l	97
57) 1,3-Dichloropropane	9.38	76	213264	49.020	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	490813	256.347	ug/l	98
59) 2-Hexanone	9.50	43	732983	242.732	ug/l	99
60) Dibromochloromethane	9.59	129	137680	47.763	ug/l	99
61) 1,2-Dibromoethane	9.68	107	137326	51.547	ug/l	100
64) Tetrachloroethene	9.34	164	160691	47.297	ug/l	98
65) Chlorobenzene	10.14	112	367834	48.936	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	135953	53.053	ug/l	99
67) Ethyl Benzene	10.26	91	619085	48.830	ug/l	100
68) m/p-Xylenes	10.37	106	482332	98.625	ug/l	99
69) o-Xylene	10.70	106	235440	48.999	ug/l	99
70) Styrene	10.71	104	400715	50.710	ug/l	99
71) Bromoform	10.86	173	104696	45.373	ug/l #	100
73) Isopropylbenzene	11.02	105	634211	48.352	ug/l	100
74) N-amyl acetate	6.47	43	297253	45.612	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	192902	49.801	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	217510	58.775	ug/l	79
77) Bromobenzene	11.26	156	180463	49.385	ug/l	96
78) n-propylbenzene	11.37	91	723101	48.070	ug/l	99
79) 2-Chlorotoluene	11.43	91	428191	47.676	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	536044	48.358	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	45944	40.585	ug/l	94
82) 4-Chlorotoluene	11.51	91	514647	48.563	ug/l	99
83) tert-Butylbenzene	11.77	119	519032	48.605	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	556150	49.169	ug/l	99
85) sec-Butylbenzene	11.95	105	639892	48.191	ug/l	100
86) p-Isopropyltoluene	12.07	119	582774	48.507	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	326170	48.672	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	330973	48.540	ug/l	99
89) n-Butylbenzene	12.39	91	508735	48.000	ug/l	99
90) Hexachloroethane	12.60	117	82770	44.501	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	330788	49.044	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	41908	51.653	ug/l	94

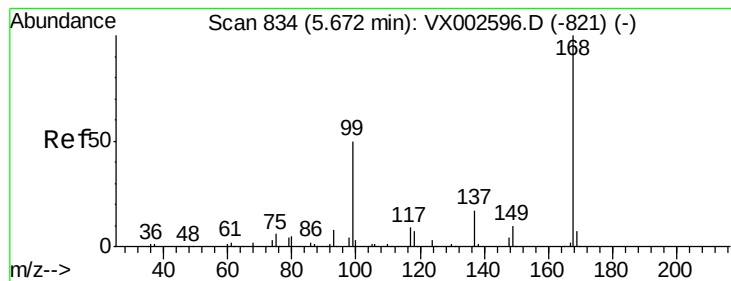
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	245355	50.122	ug/l	99
94) Hexachlorobutadiene	13.79	225	116991	45.370	ug/l	100
95) Naphthalene	13.84	128	677598	51.441	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	243821	49.593	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX002675.D

Acq: 17 Jun 2018 03:49

Instrument :

MSVOA_X

ClientSampleId :

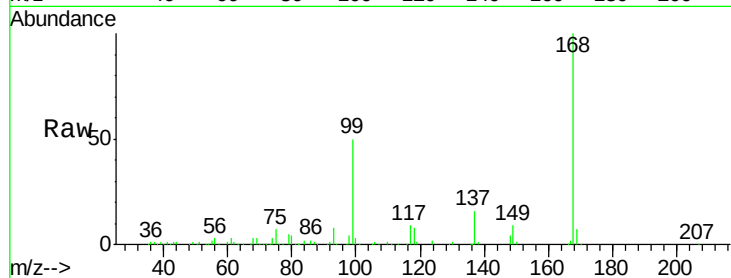
VSTDCCC050EC

Tot Ion:168 Resp: 219690

Ion Ratio Lower Upper

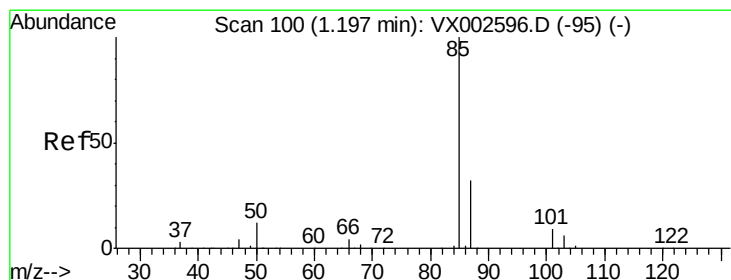
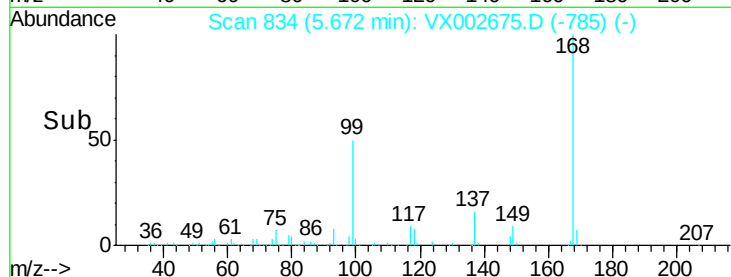
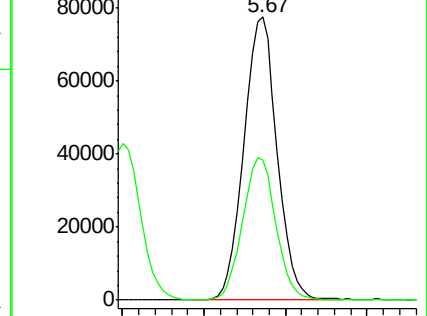
168 100

99 49.5 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 44.517 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002675.D

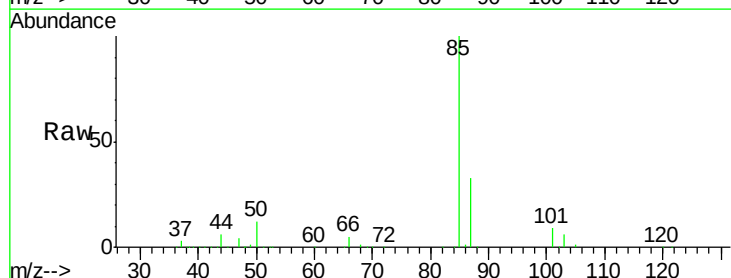
Acq: 17 Jun 2018 03:49

Tgt Ion: 85 Resp: 103824

Ion Ratio Lower Upper

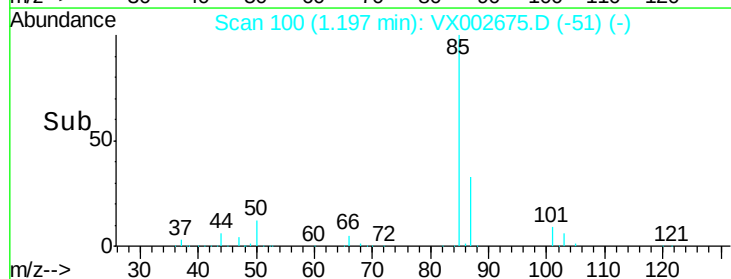
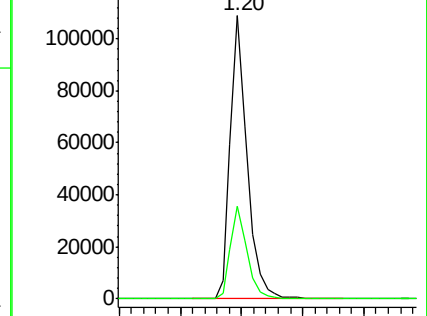
85 100

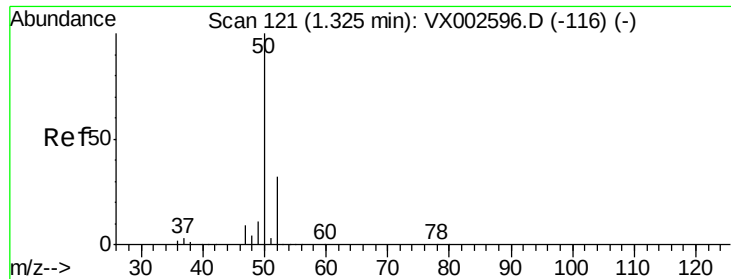
87 32.6 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 41.308 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002675.D

Acq: 17 Jun 2018 03:49

Instrument :

MSVOA_X

ClientSampleId :

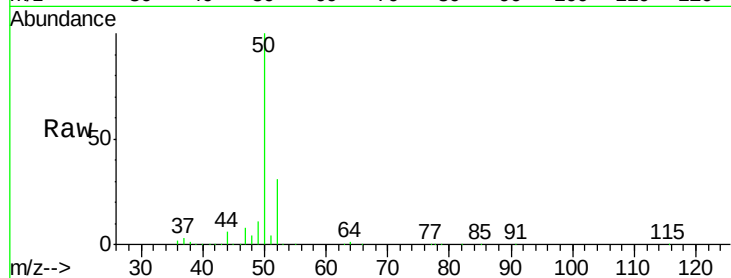
VSTDCCC050EC

Tot Ion: 50 Resp: 114603

Ion Ratio Lower Upper

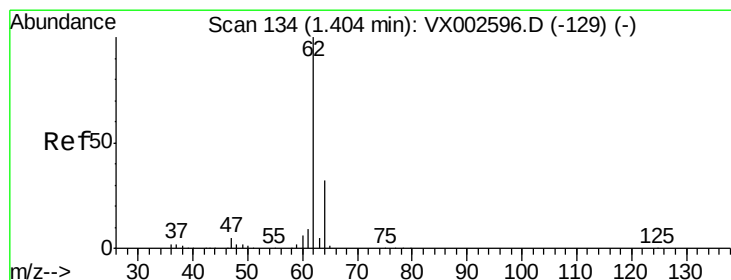
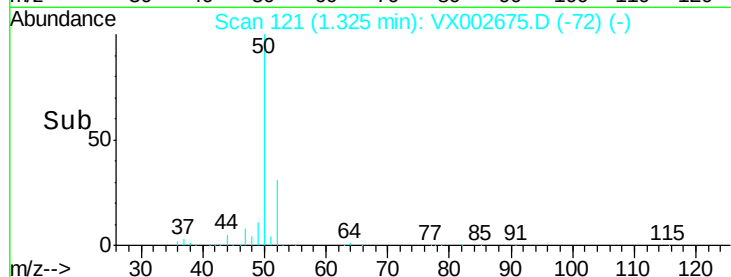
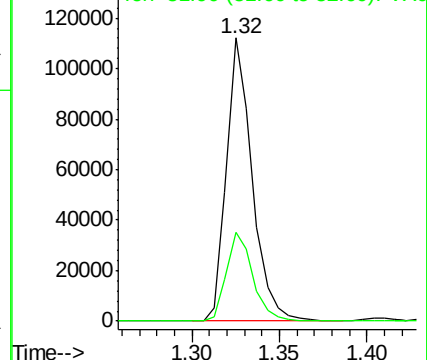
50 100

52 31.4 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 45.586 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX002675.D

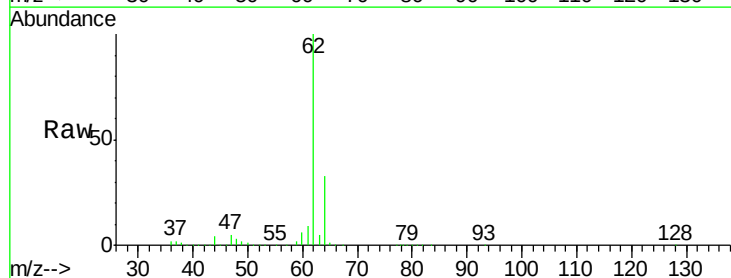
Acq: 17 Jun 2018 03:49

Tgt Ion: 62 Resp: 131237

Ion Ratio Lower Upper

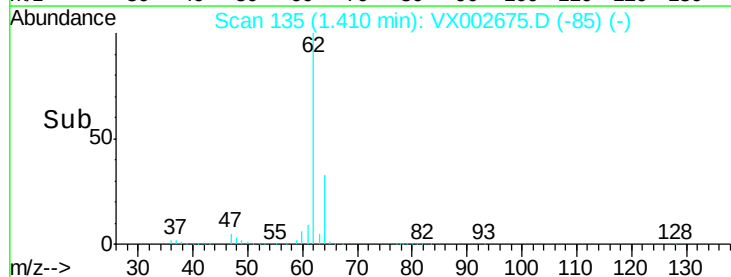
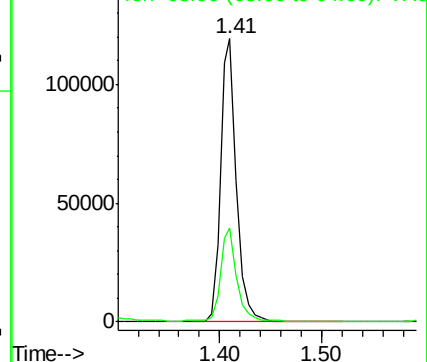
62 100

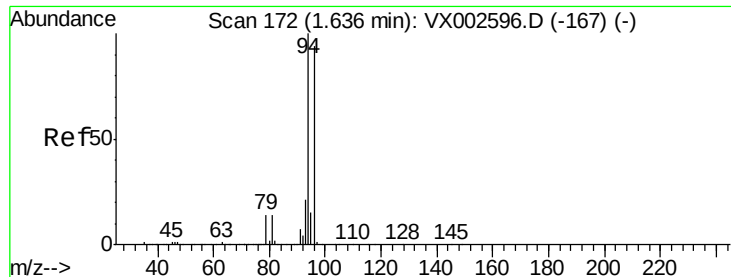
64 32.9 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 42.623 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002675.D

Acq: 17 Jun 2018 03:49

Instrument :

MSVOA_X

ClientSampleId :

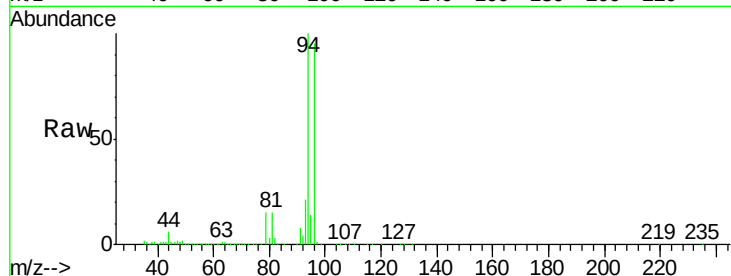
VSTDCCC050EC

Tot Ion: 94 Resp: 74039

Ion Ratio Lower Upper

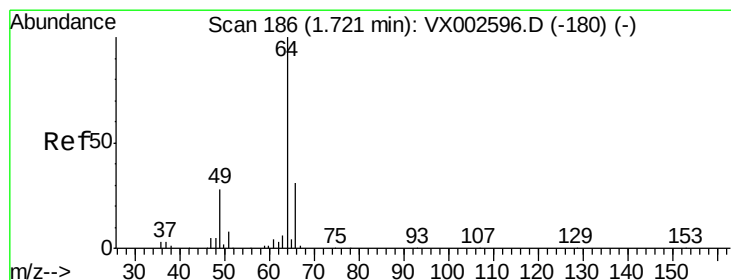
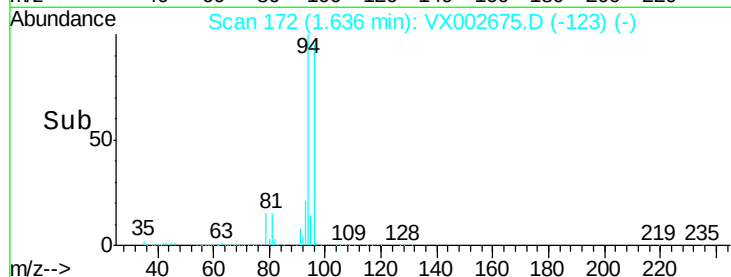
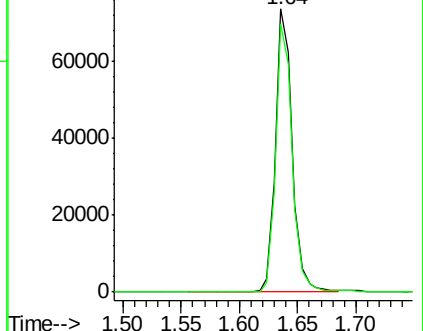
94 100

96 94.9 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: 46.438 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX002675.D

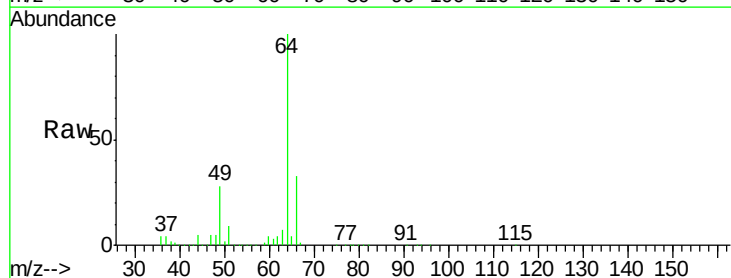
Acq: 17 Jun 2018 03:49

Tgt Ion: 64 Resp: 88116

Ion Ratio Lower Upper

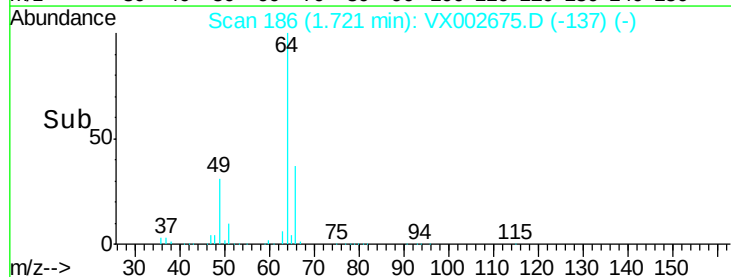
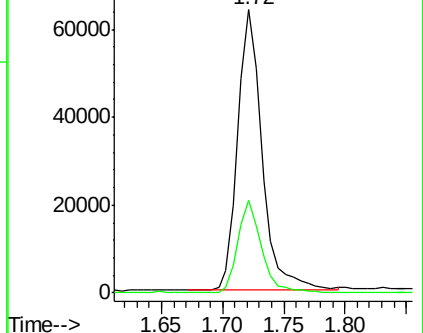
64 100

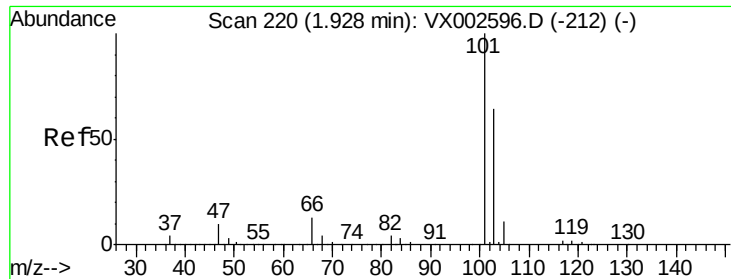
66 33.1 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



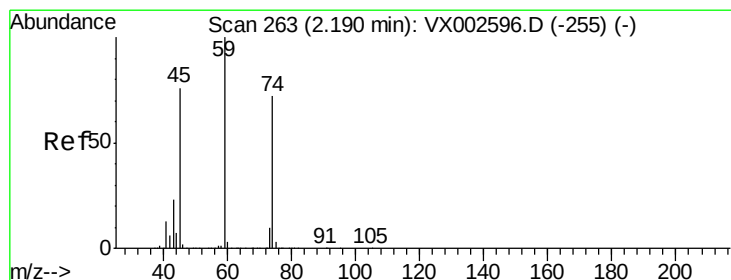
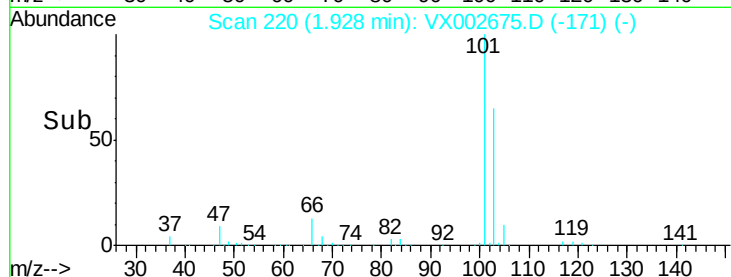
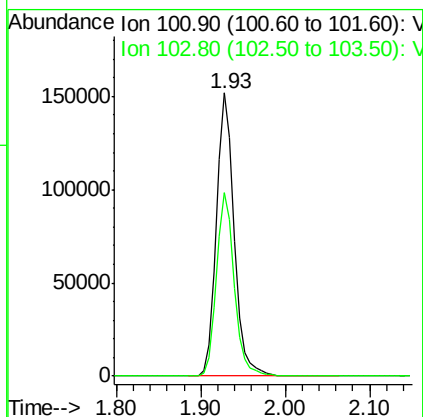
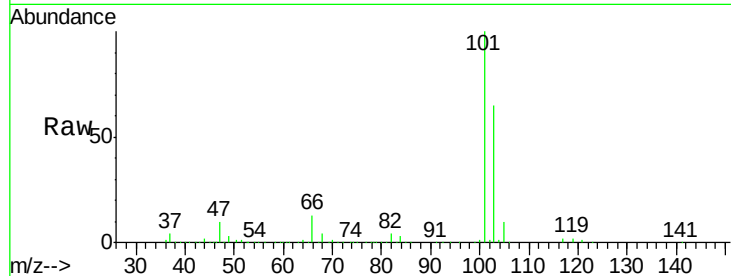


#7

Trichlorofluoromethane
 Concen: 47.525 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.00 min
 Lab File: VX002675.D
 Acq: 17 Jun 2018 03:49

Instrument :
 MSVOA_X
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 VSTDCCC050EC

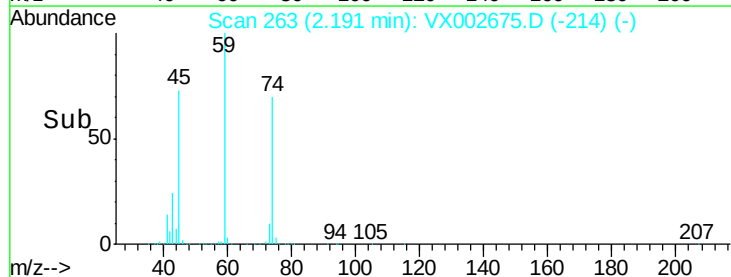
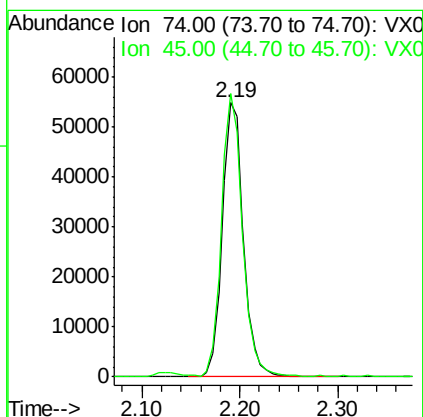
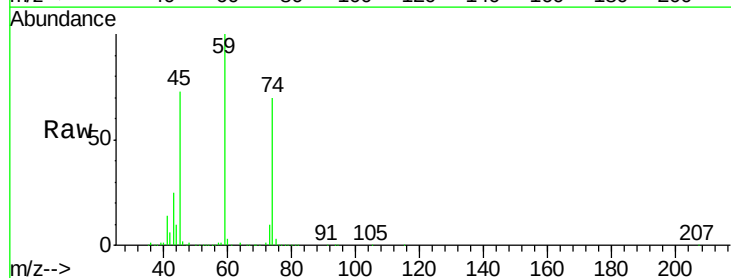
Tot Ion:101 Resp: 222287
 Ion Ratio Lower Upper
 101 100
 103 64.9 52.8 79.2

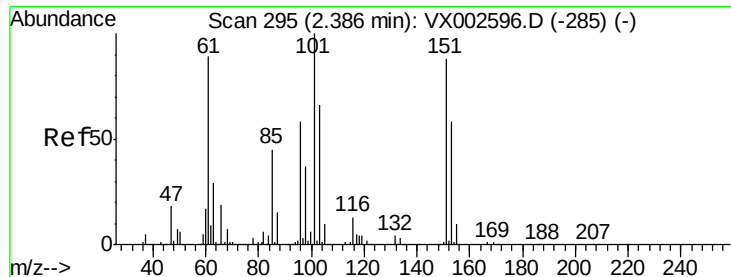


#8

Diethyl Ether
 Concen: 46.141 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX002675.D
 Acq: 17 Jun 2018 03:49

Tgt Ion: 74 Resp: 82084
 Ion Ratio Lower Upper
 74 100
 45 101.7 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.634 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX002675.D

Acq: 17 Jun 2018 03:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

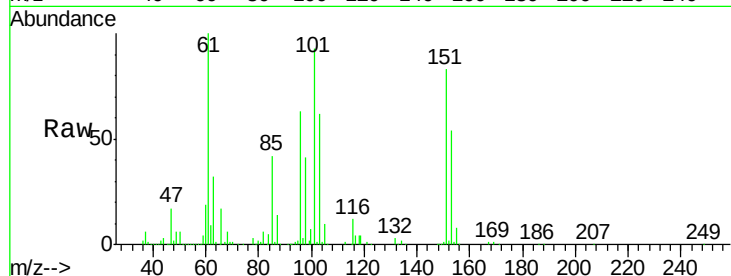
Tot Ion:101 Resp: 121925

Ion Ratio Lower Upper

101 100

85 46.2 36.0 54.0

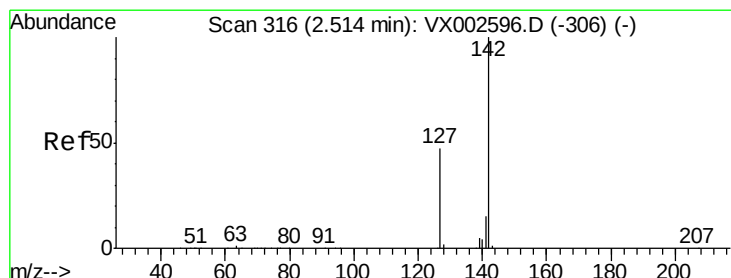
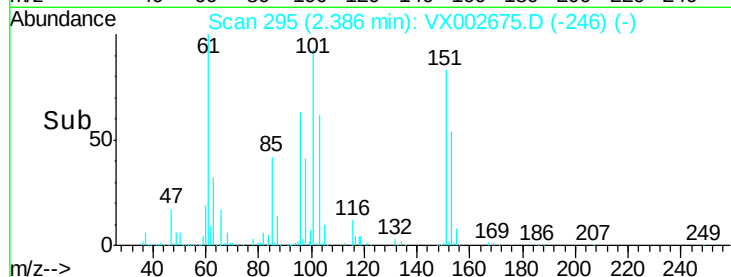
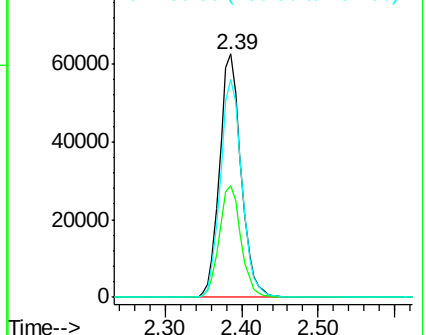
151 89.6 70.9 106.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 42.450 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX002675.D

Acq: 17 Jun 2018 03:49

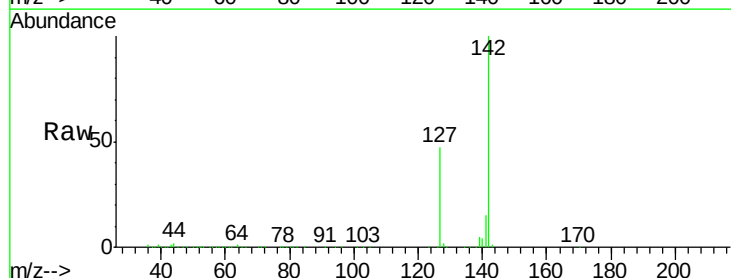
Tgt Ion:142 Resp: 146696

Ion Ratio Lower Upper

142 100

127 47.2 36.6 55.0

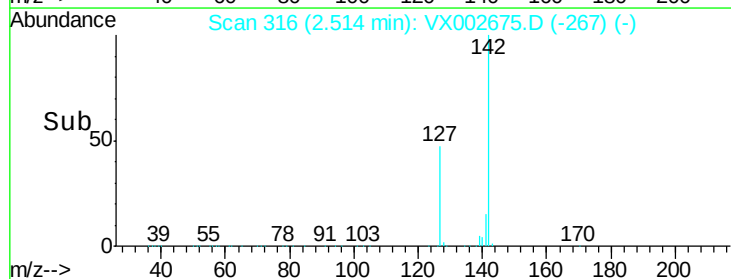
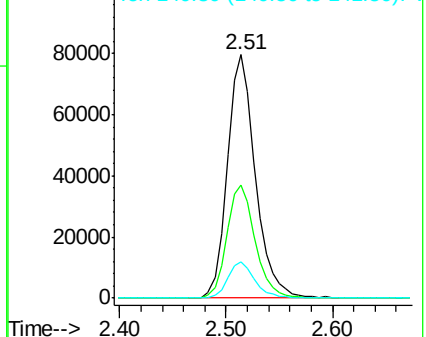
141 14.4 11.3 16.9

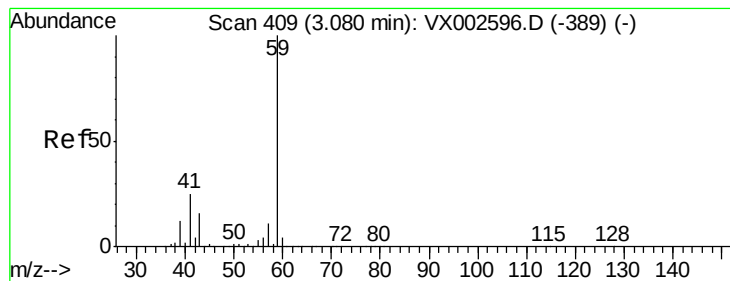


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



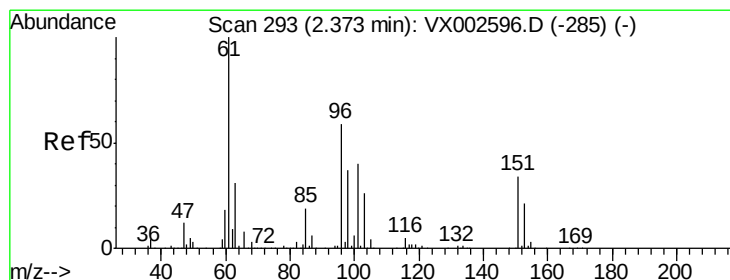
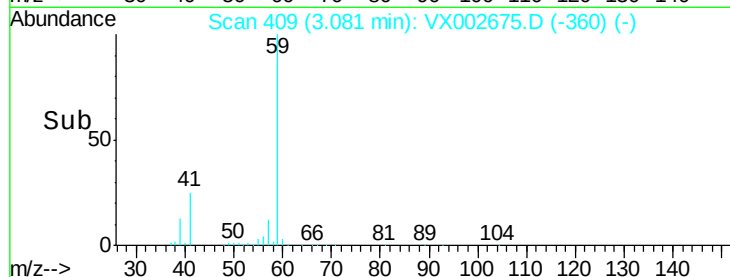
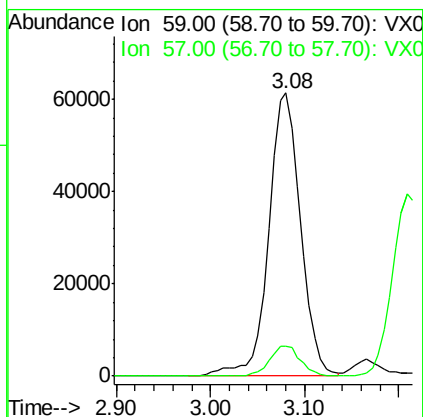
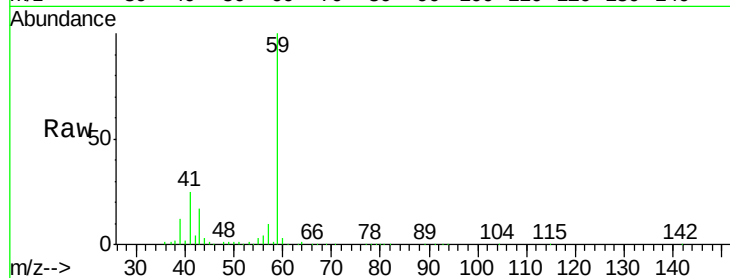


#11

Tert butyl alcohol
 Concen: 209.524 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. 0.00 min
 Lab File: VX002675.D
 Acq: 17 Jun 2018 03:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

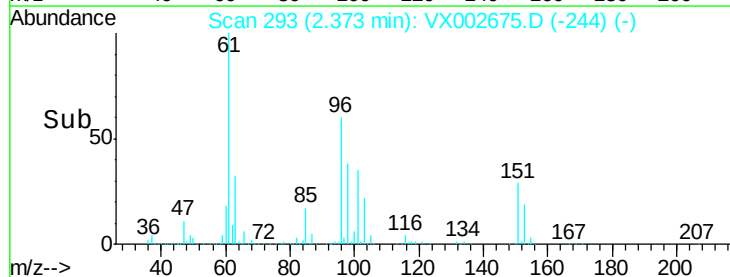
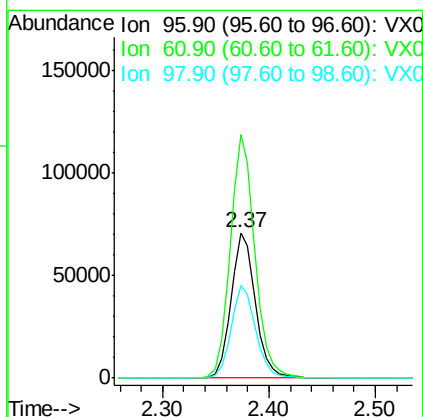
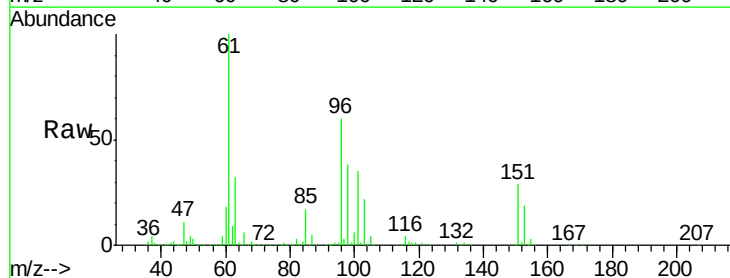
Tot Ion: 59 Resp: 144603
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.2 12.2

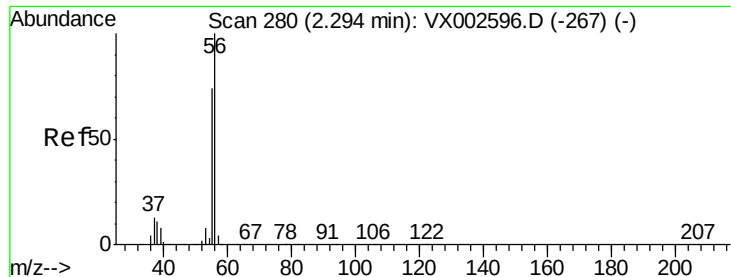


#12

1,1-Dichloroethene
 Concen: 46.200 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VX002675.D
 Acq: 17 Jun 2018 03:49

Tgt Ion: 96 Resp: 113409
 Ion Ratio Lower Upper
 96 100
 61 167.9 137.9 206.9
 98 64.0 51.6 77.4





#13

Acrolein

Concen: 190.516 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX002675.D

Acq: 17 Jun 2018 03:49

Instrument :

MSVOA_X

ClientSampleId :

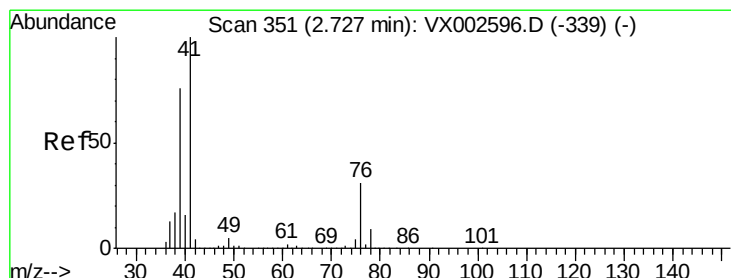
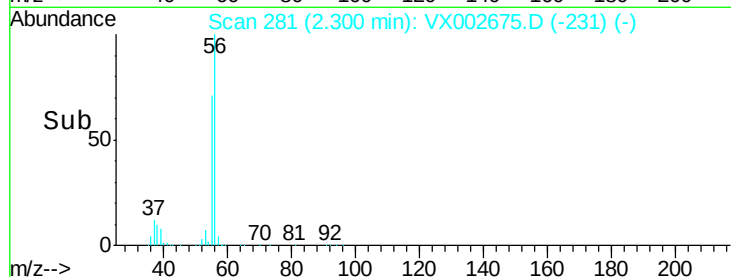
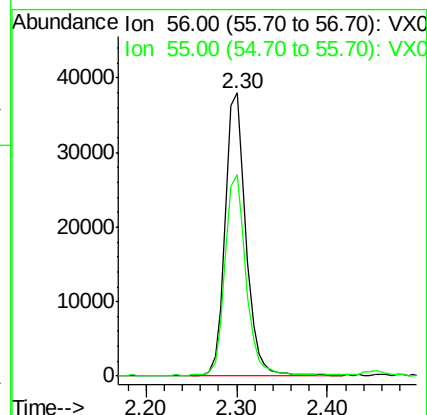
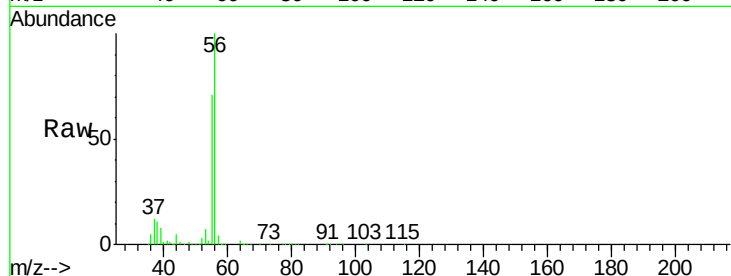
VSTDCCC050EC

Tot Ion: 56 Resp: 61097

Ion Ratio Lower Upper

56 100

55 71.5 57.0 85.4



#14

Allyl chloride

Concen: 44.729 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX002675.D

Acq: 17 Jun 2018 03:49

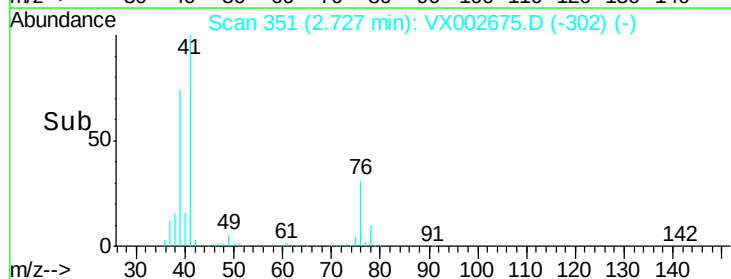
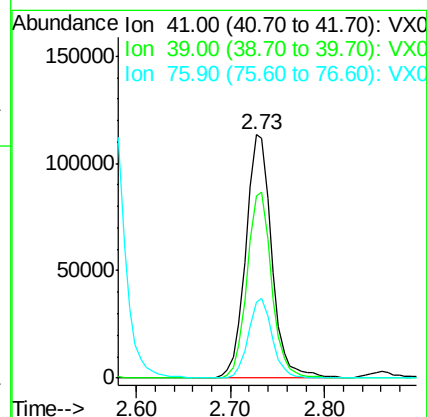
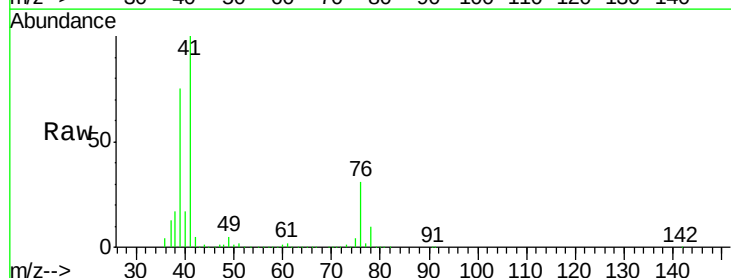
Tgt Ion: 41 Resp: 218006

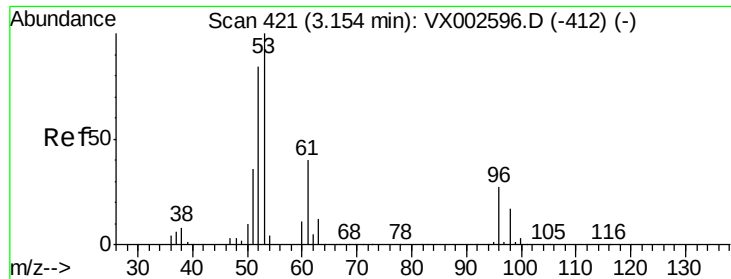
Ion Ratio Lower Upper

41 100

39 72.3 56.8 85.2

76 30.0 23.8 35.8





#15

Acrylonitrile

Concen: 225.917 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002675.D

Acq: 17 Jun 2018 03:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

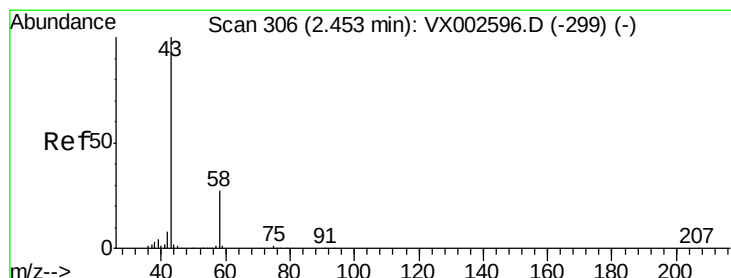
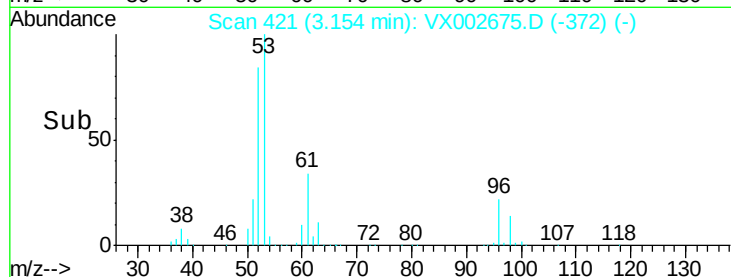
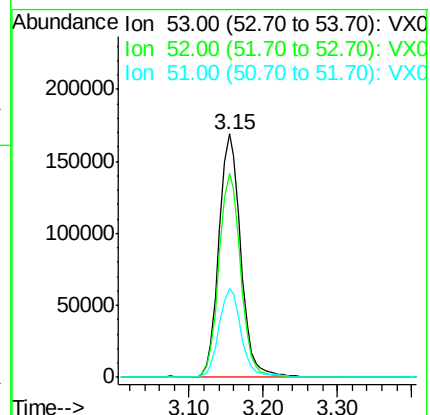
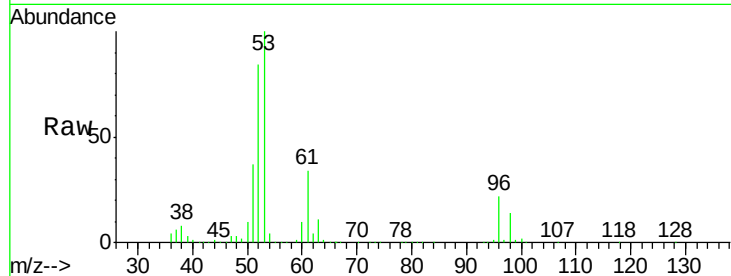
Tot Ion: 53 Resp: 340234

Ion Ratio Lower Upper

53 100

52 83.1 66.7 100.1

51 37.2 29.9 44.9



#16

Acetone

Concen: 212.224 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX002675.D

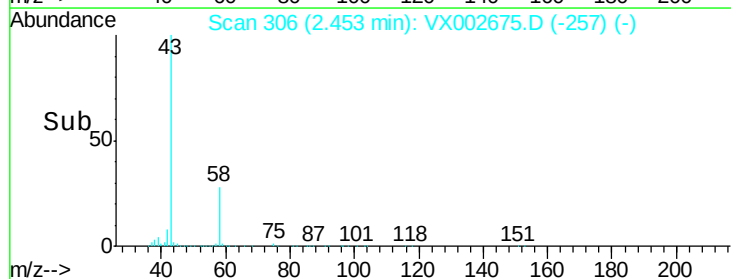
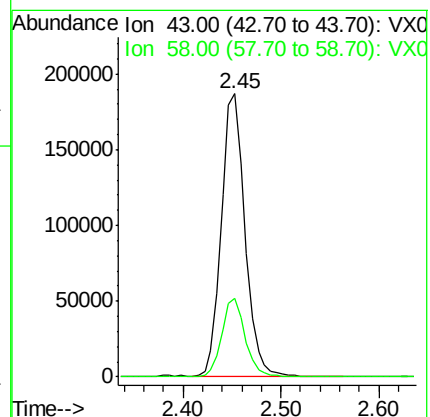
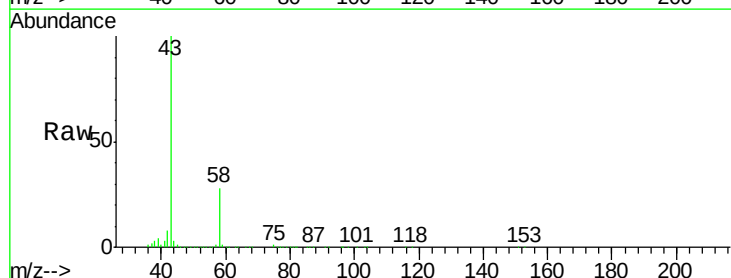
Acq: 17 Jun 2018 03:49

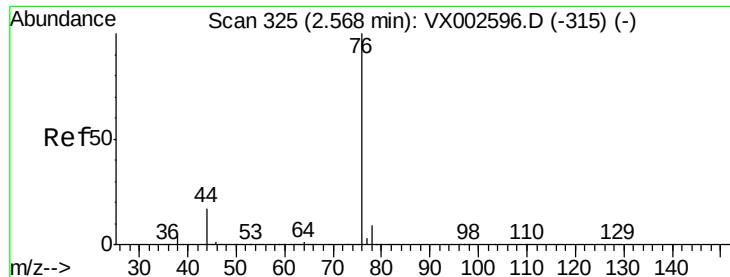
Tgt Ion: 43 Resp: 312583

Ion Ratio Lower Upper

43 100

58 27.6 22.1 33.1





#17

Carbon Disulfide

Concen: 48.690 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX002675.D

Acq: 17 Jun 2018 03:49

Instrument :

MSVOA_X

ClientSampleId :

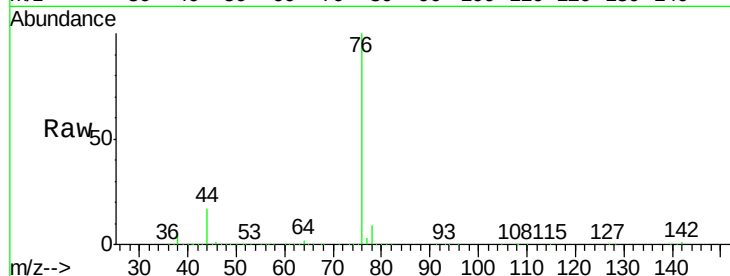
VSTDCCC050EC

Tot Ion: 76 Resp: 283473

Ion Ratio Lower Upper

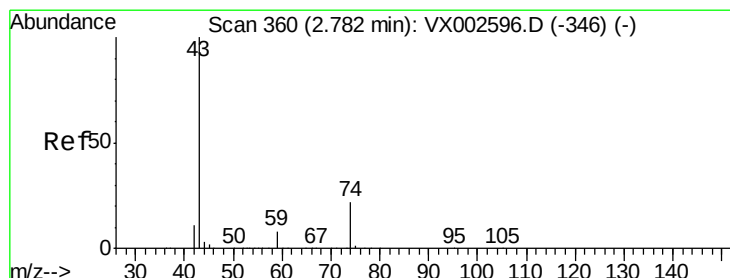
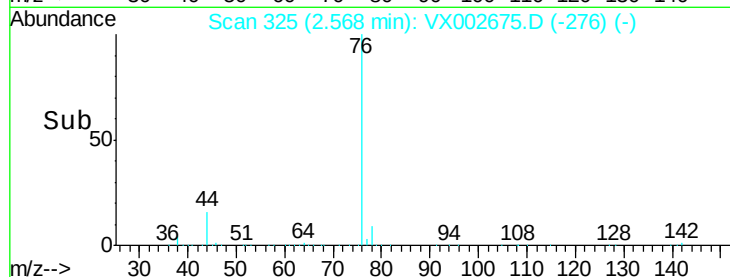
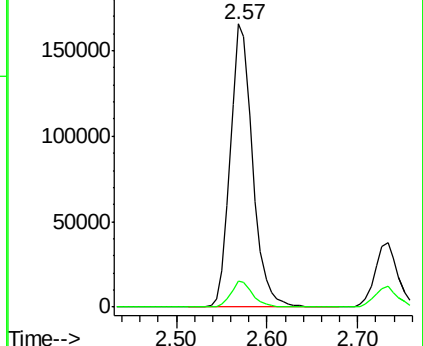
76 100

78 9.2 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 47.352 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX002675.D

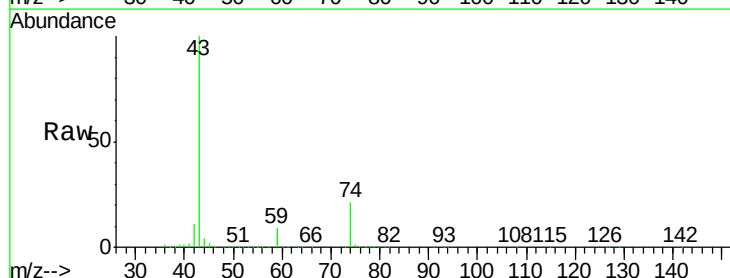
Acq: 17 Jun 2018 03:49

Tgt Ion: 43 Resp: 185809

Ion Ratio Lower Upper

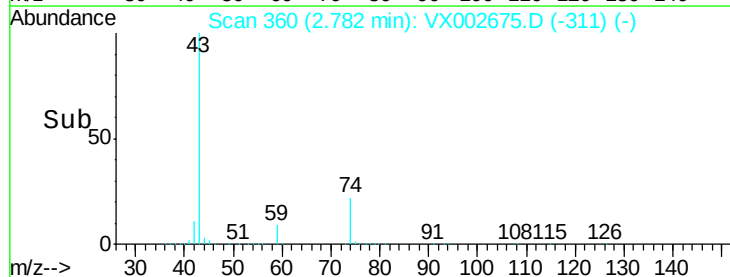
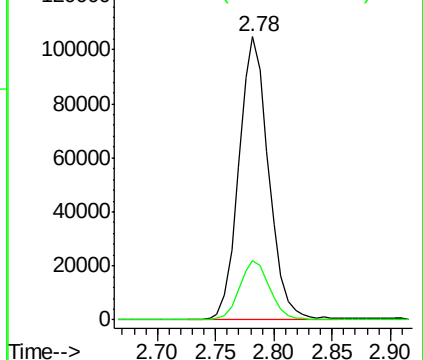
43 100

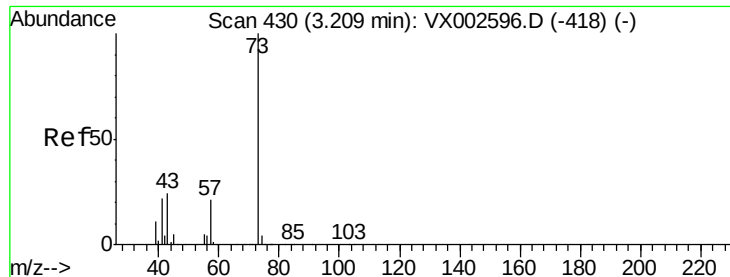
74 21.7 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

Methyl tert-butyl Ether

Concen: 46.366 ug/l

RT: 3.21 min Scan# 430

Delta R.T. 0.00 min

Lab File: VX002675.D

Acq: 17 Jun 2018 03:49

Instrument :

MSVOA_X

ClientSampleId :

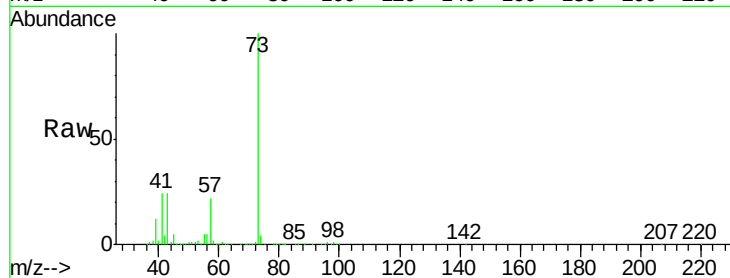
VSTDCCC050EC

Tot Ion: 73 Resp: 426968

Ion Ratio Lower Upper

73 100

57 21.7 17.7 26.5



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.21

200000

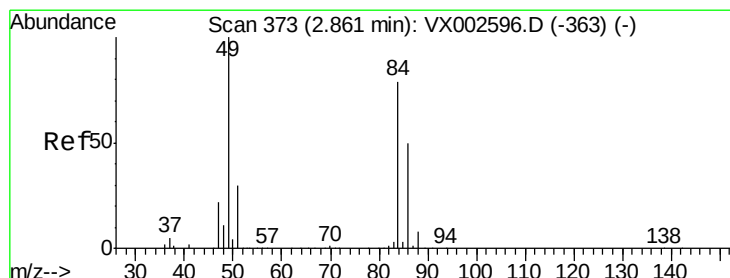
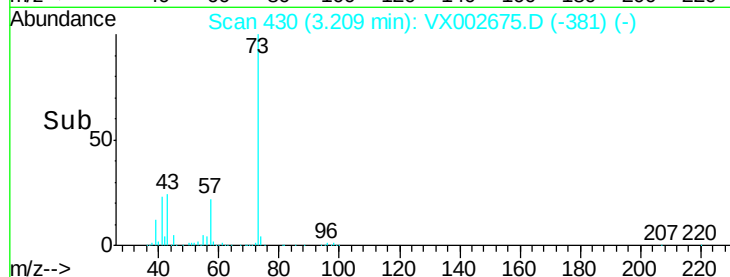
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 43.191 ug/l

RT: 2.86 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX002675.D

Acq: 17 Jun 2018 03:49

Tgt Ion: 84 Resp: 130437

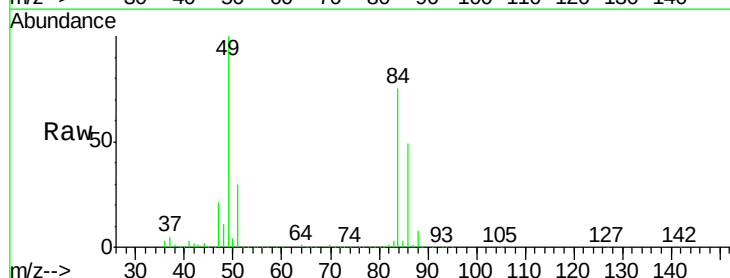
Ion Ratio Lower Upper

84 100

49 132.9 107.8 161.6

51 40.0 32.8 49.2

86 64.7 52.5 78.7



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

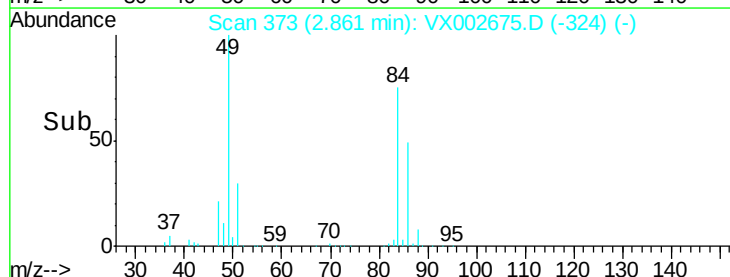
Ion 85.90 (85.60 to 86.60): VX0

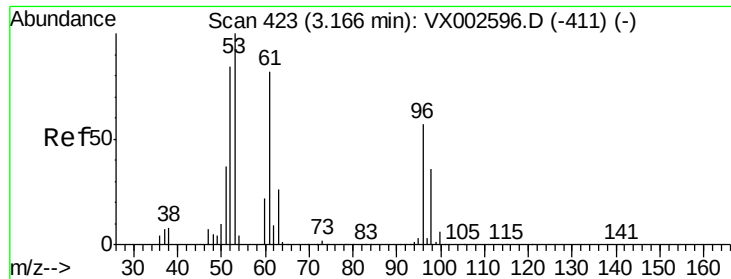
100000

50000

0

Time-->





#21

trans-1,2-Dichloroethene

Concen: 46.107 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX002675.D

Acq: 17 Jun 2018 03:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

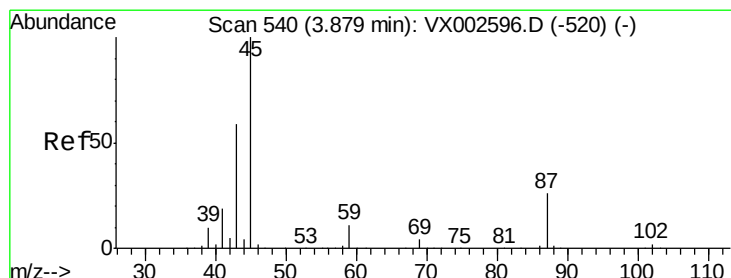
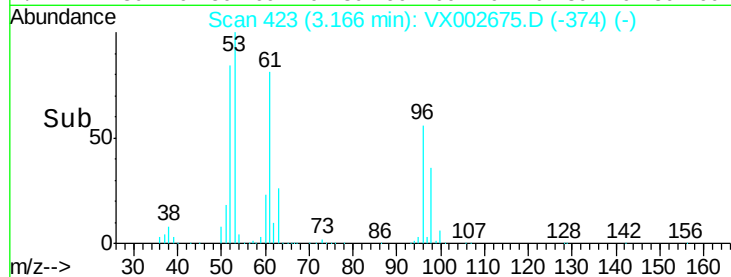
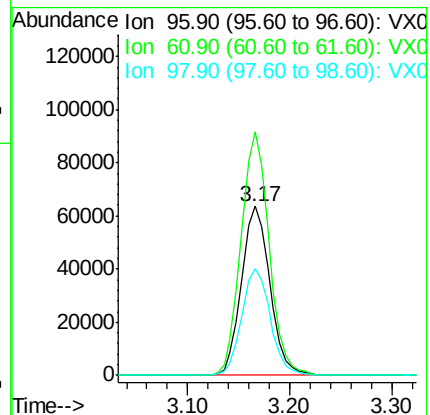
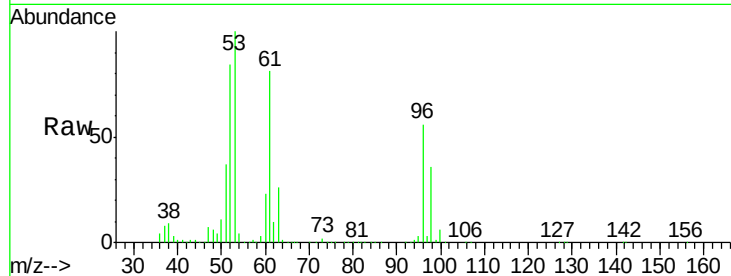
Tot Ion: 96 Resp: 122785

Ion Ratio Lower Upper

96 100

61 143.9 117.0 175.4

98 63.2 52.4 78.6



#22

Diisopropyl ether

Concen: 47.080 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX002675.D

Acq: 17 Jun 2018 03:49

Tgt Ion: 45 Resp: 415153

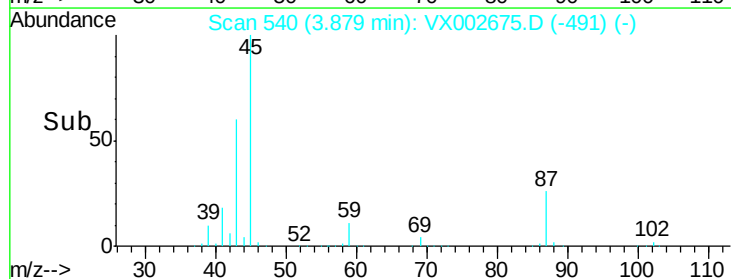
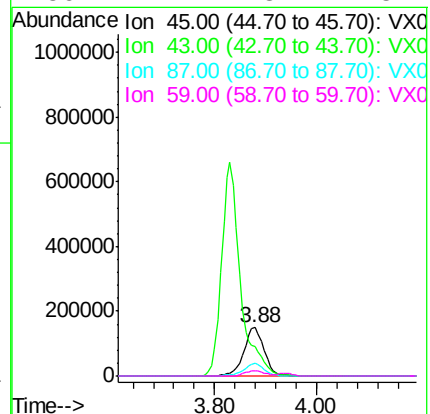
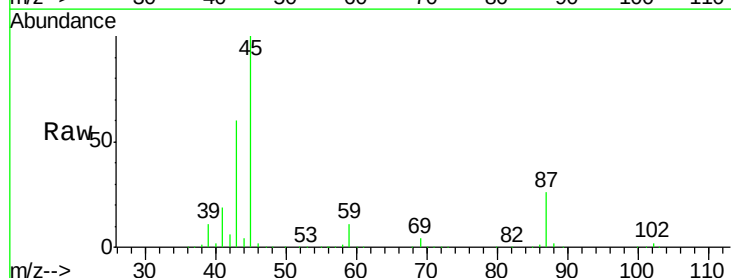
Ion Ratio Lower Upper

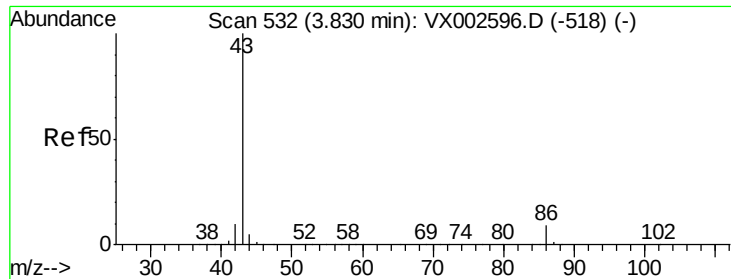
45 100

43 59.7 46.8 70.2

87 25.8 20.2 30.4

59 11.1 8.7 13.1

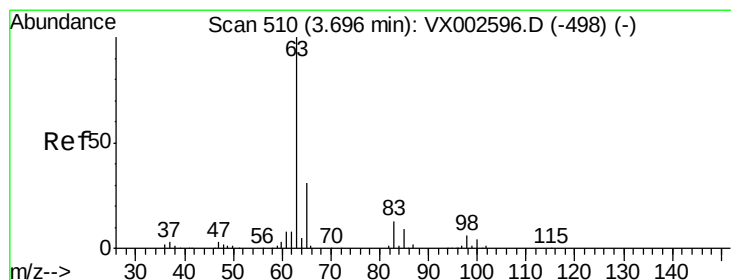
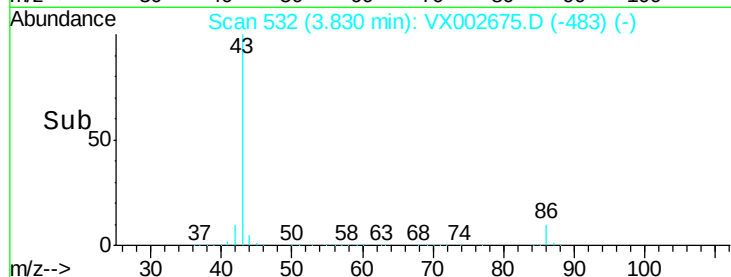
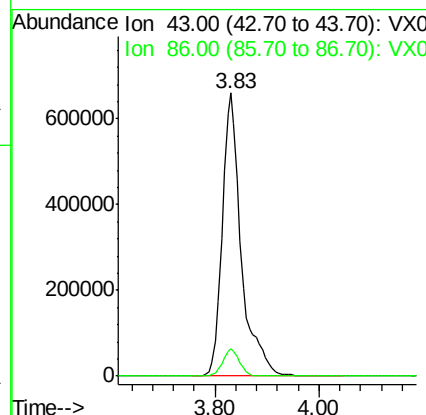
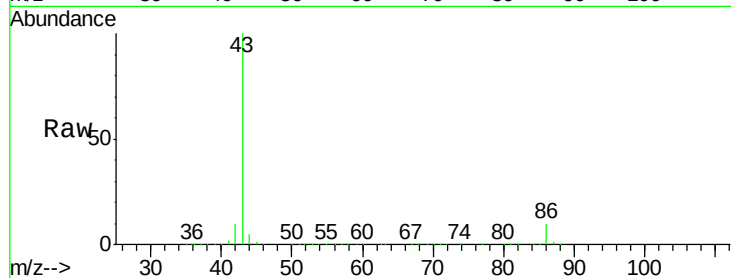




#23
 Vinyl Acetate
 Concen: 230.353 ug/l
 RT: 3.83 min Scan# 532
 Delta R.T. 0.00 min
 Lab File: VX002675.D
 Acq: 17 Jun 2018 03:49

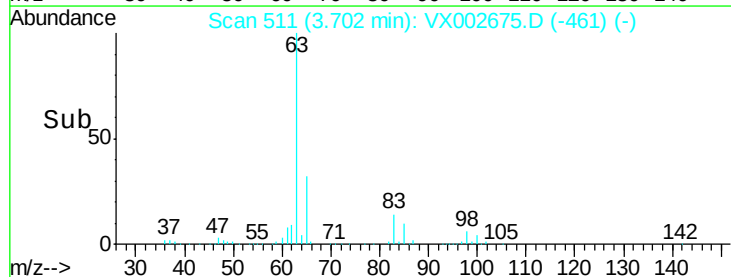
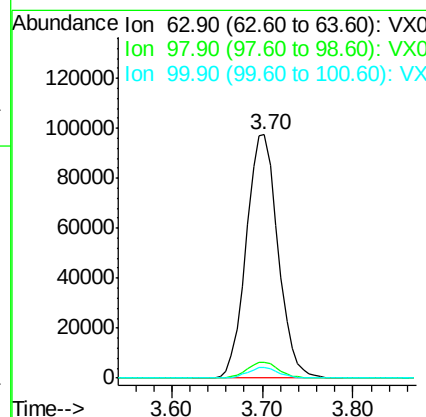
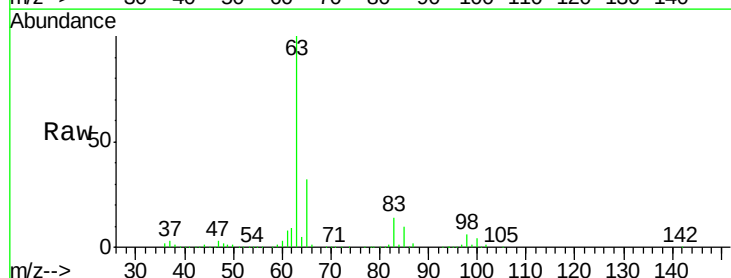
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

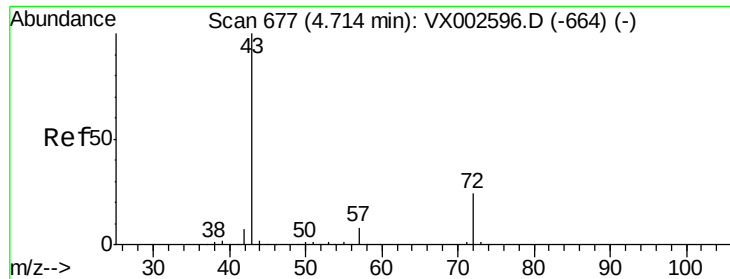
Tot Ion: 43 Resp: 1700109
 Ion Ratio Lower Upper
 43 100
 86 9.6 7.4 11.0



#24
 1,1-Dichloroethane
 Concen: 49.268 ug/l
 RT: 3.70 min Scan# 511
 Delta R.T. 0.01 min
 Lab File: VX002675.D
 Acq: 17 Jun 2018 03:49

Tgt Ion: 63 Resp: 235800
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.4 10.2
 100 4.4 2.0 6.0





#25

2-Butanone

Concen: 229.384 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.00 min

Lab File: VX002675.D

Acq: 17 Jun 2018 03:49

Instrument :

MSVOA_X

ClientSampleId :

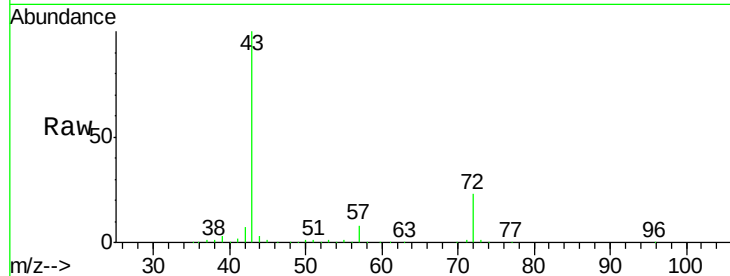
VSTDCCC050EC

Tot Ion: 43 Resp: 443697

Ion Ratio Lower Upper

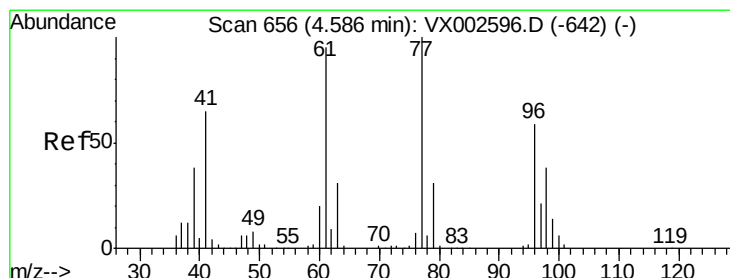
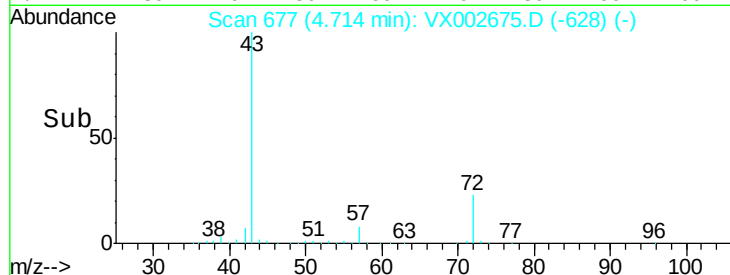
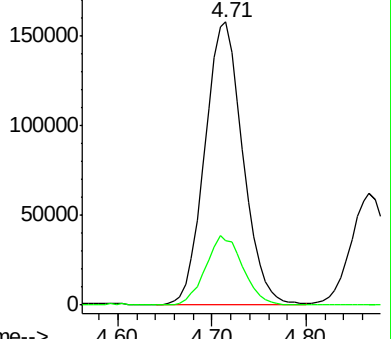
43 100

72 22.9 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 35.770 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX002675.D

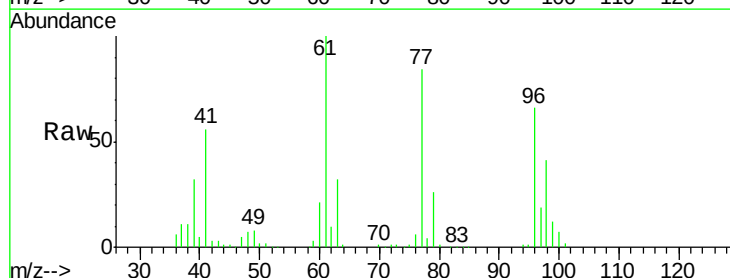
Acq: 17 Jun 2018 03:49

Tgt Ion: 77 Resp: 123011

Ion Ratio Lower Upper

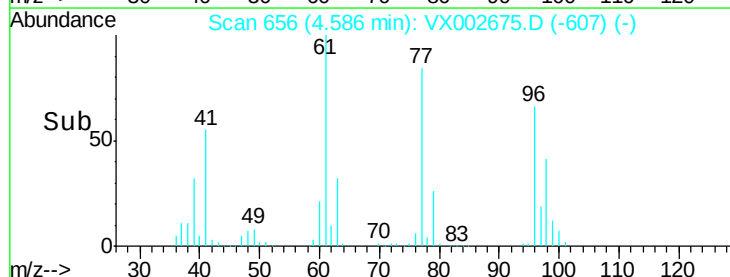
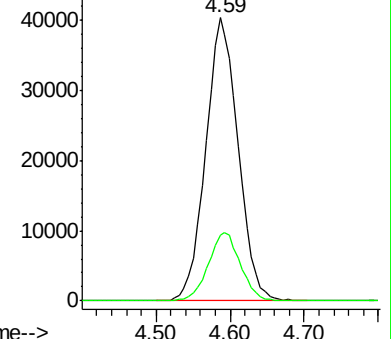
77 100

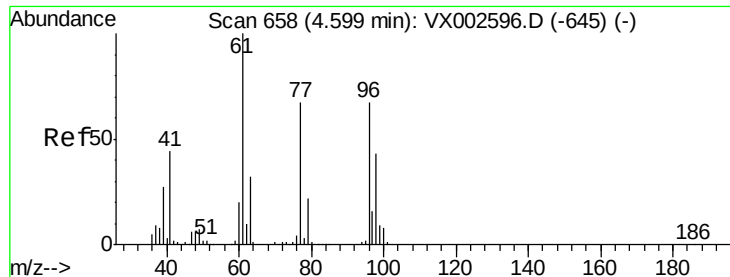
97 24.0 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



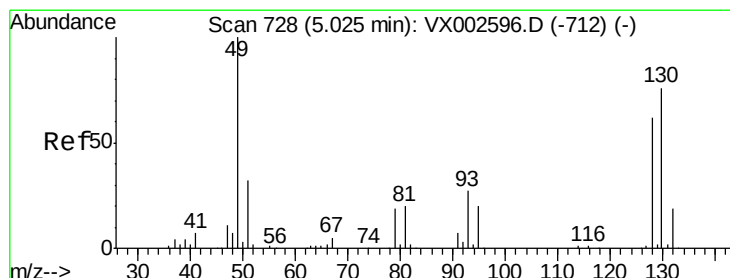
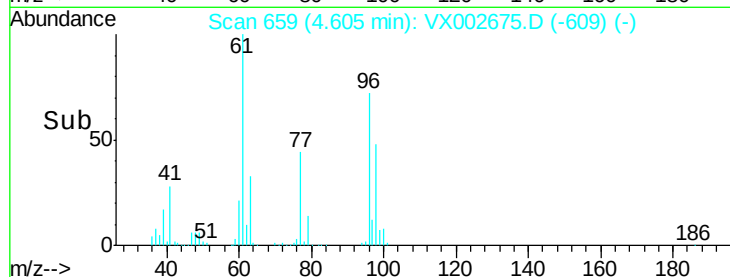
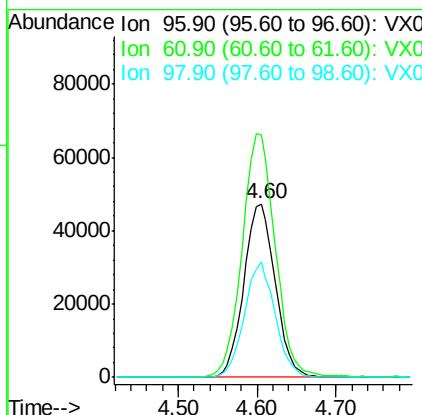
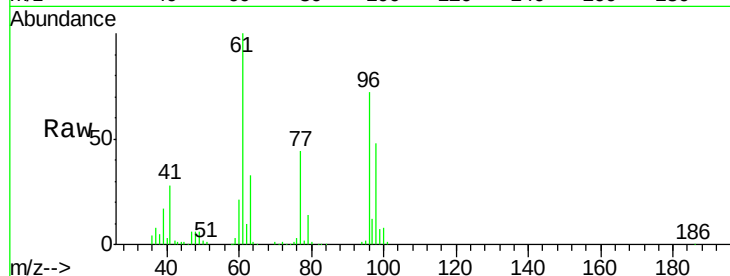


#27

cis-1,2-Dichloroethene
Concen: 48.413 ug/l
RT: 4.60 min Scan# 659
Delta R.T. 0.01 min
Lab File: VX002675.D
Acq: 17 Jun 2018 03:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

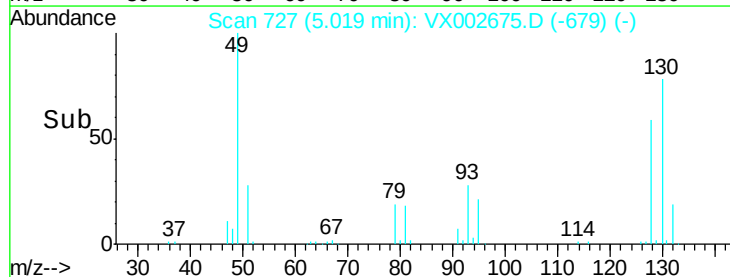
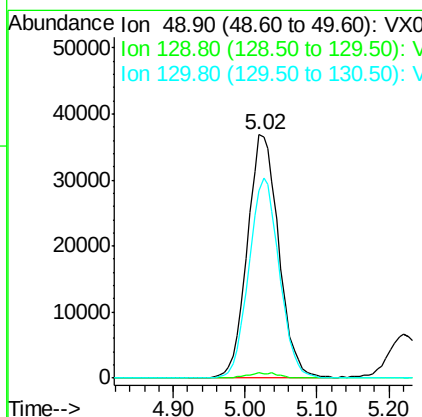
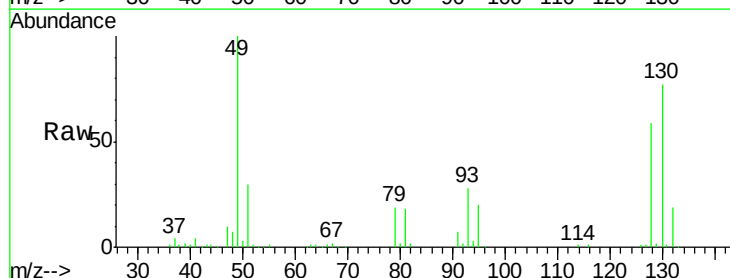
Tot Ion: 96 Resp: 131180
Ion Ratio Lower Upper
96 100
61 148.2 0.0 330.2
98 65.0 0.0 130.2

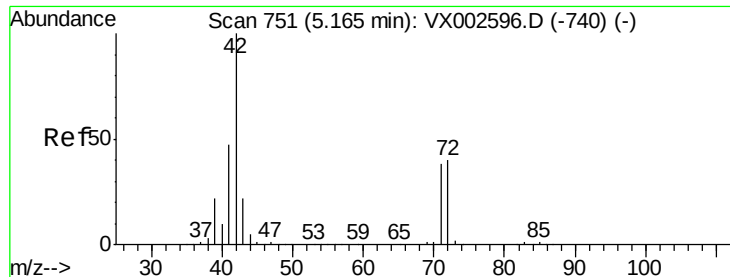


#28

Bromochloromethane
Concen: 49.792 ug/l
RT: 5.02 min Scan# 727
Delta R.T. -0.01 min
Lab File: VX002675.D
Acq: 17 Jun 2018 03:49

Tgt Ion: 49 Resp: 111601
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.2
130 79.6 61.2 91.8





#29

Tetrahydrofuran

Concen: 228.696 ug/l

RT: 5.17 min Scan# 751

Delta R.T. 0.00 min

Lab File: VX002675.D

Acq: 17 Jun 2018 03:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

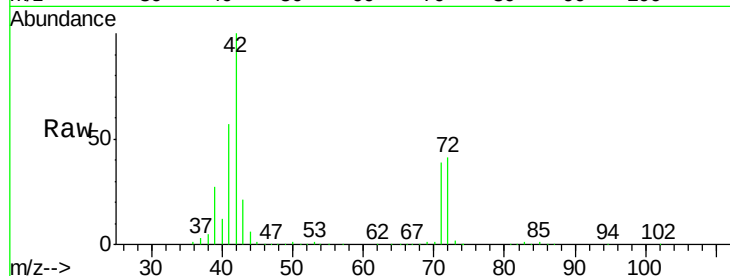
Tot Ion: 42 Resp: 289918

Ion Ratio Lower Upper

42 100

72 41.9 32.0 48.0

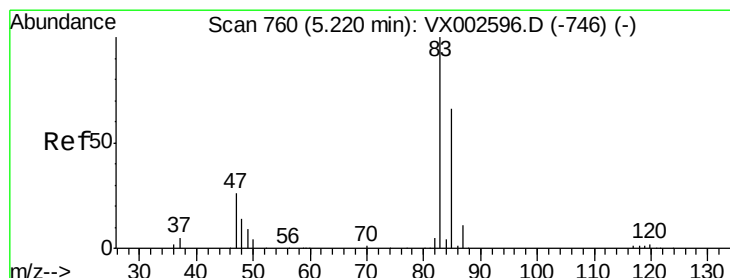
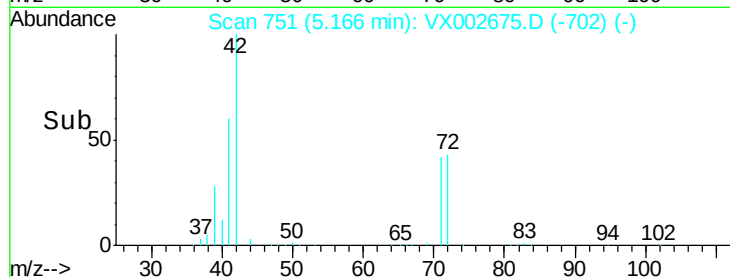
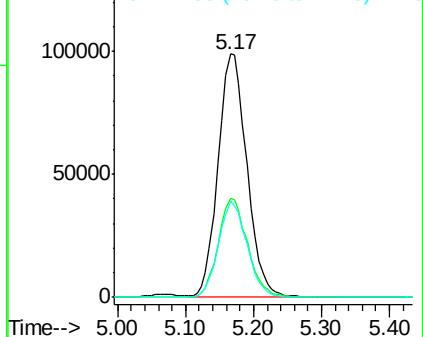
71 39.0 30.1 45.1



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 49.201 ug/l

RT: 5.22 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX002675.D

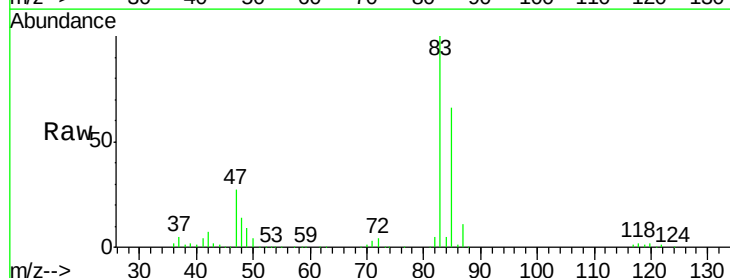
Acq: 17 Jun 2018 03:49

Tgt Ion: 83 Resp: 227073

Ion Ratio Lower Upper

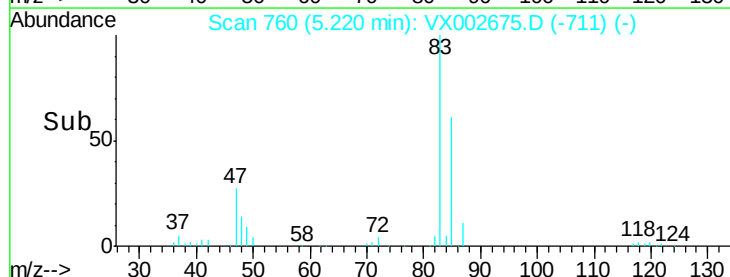
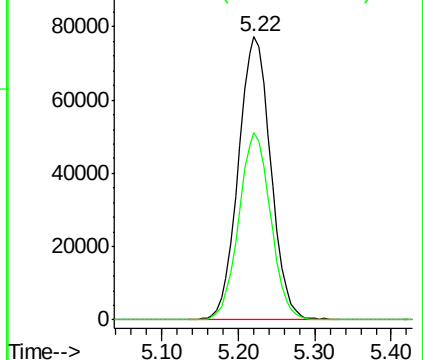
83 100

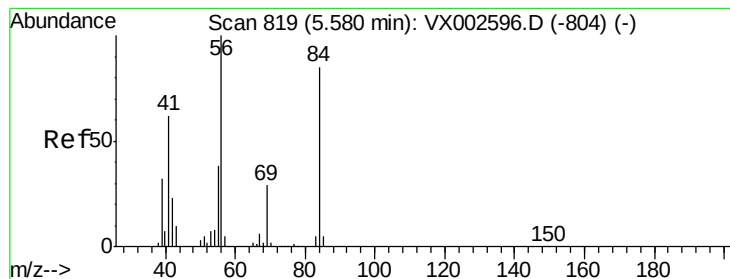
85 66.3 50.4 75.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 45.610 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX002675.D

Acq: 17 Jun 2018 03:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

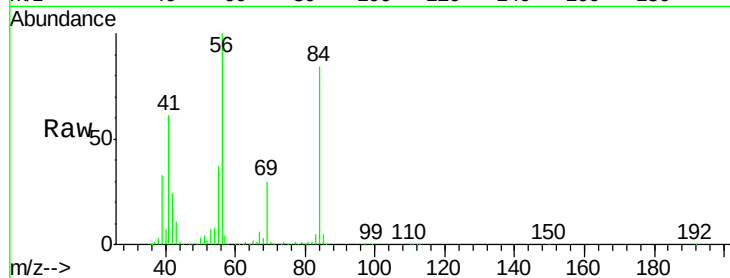
Tot Ion: 56 Resp: 179728

Ion Ratio Lower Upper

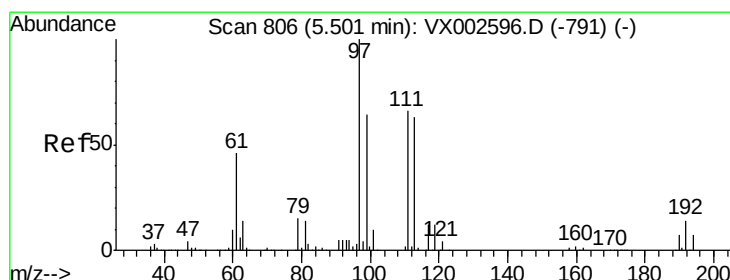
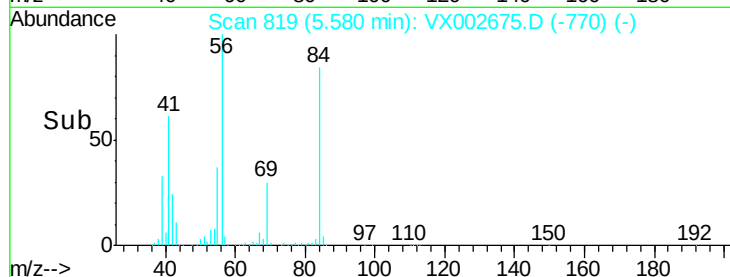
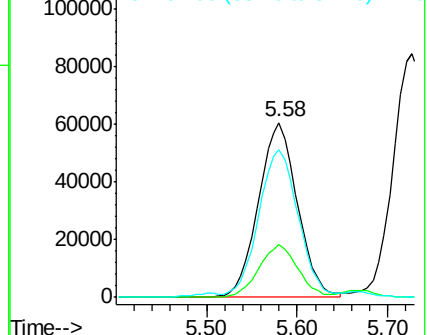
56 100

69 30.1 23.7 35.5

84 83.0 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: 50.952 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX002675.D

Acq: 17 Jun 2018 03:49

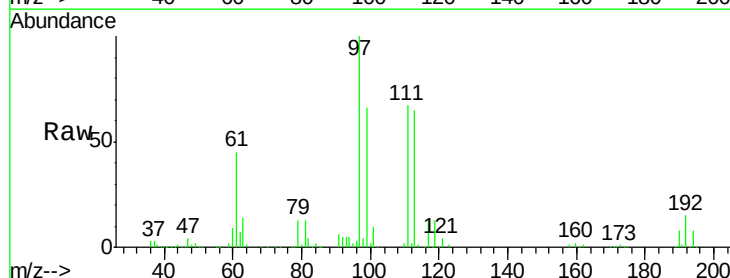
Tgt Ion: 97 Resp: 196677

Ion Ratio Lower Upper

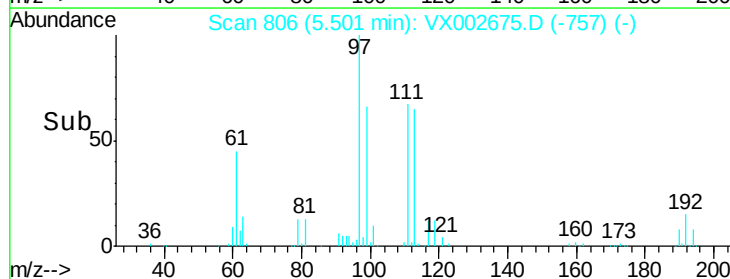
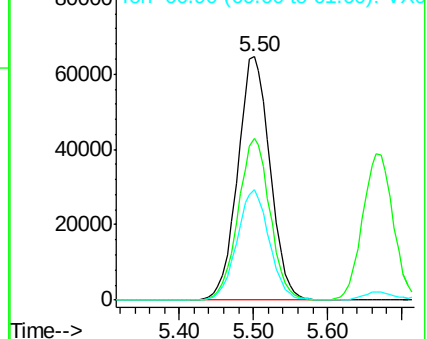
97 100

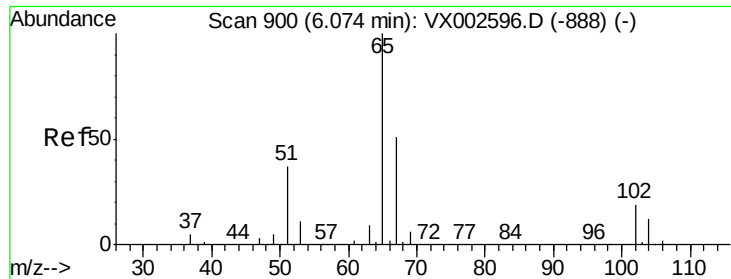
99 65.3 51.6 77.4

61 45.2 36.4 54.6



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

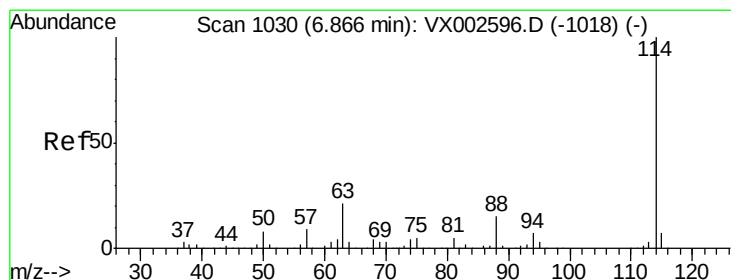
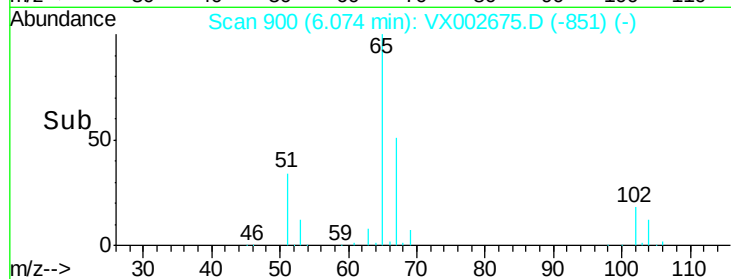
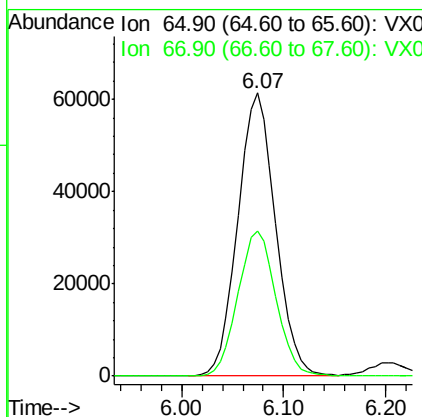
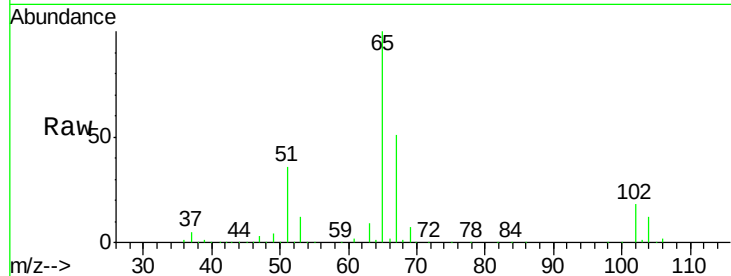




#33
 1,2-Dichloroethane-d4
 Concen: 47.226 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX002675.D
 Acq: 17 Jun 2018 03:49

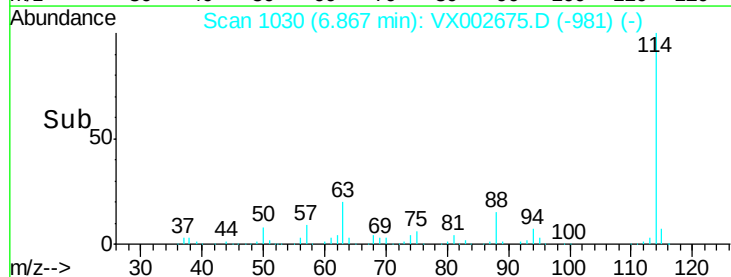
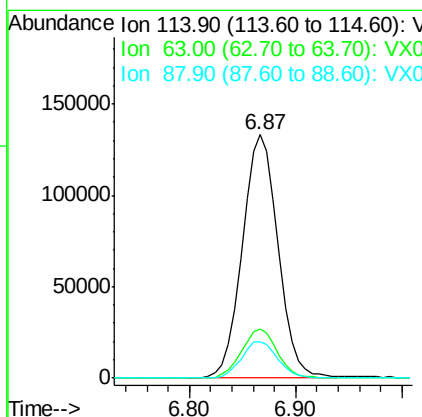
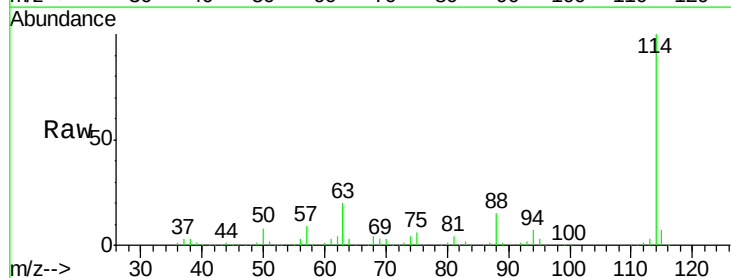
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

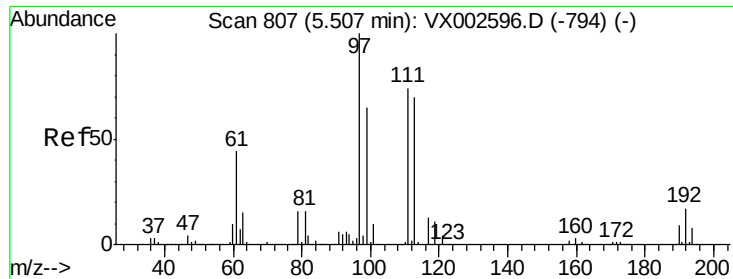
Tot Ion: 65 Resp: 157663
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX002675.D
 Acq: 17 Jun 2018 03:49

Tgt Ion: 114 Resp: 313374
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 41.4
 88 15.1 0.0 30.0





#35

Dibromofluoromethane

Concen: 50.721 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX002675.D

Acq: 17 Jun 2018 03:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

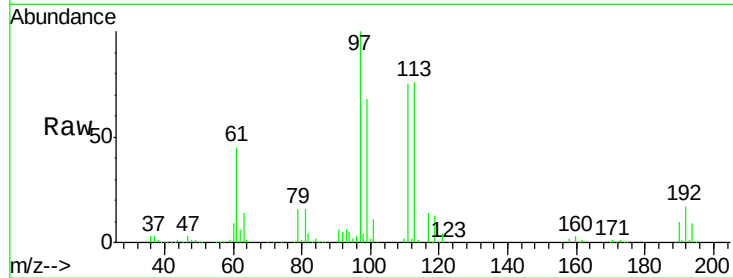
Tot Ion:113 Resp: 126855

Ion Ratio Lower Upper

113 100

111 102.0 81.4 122.0

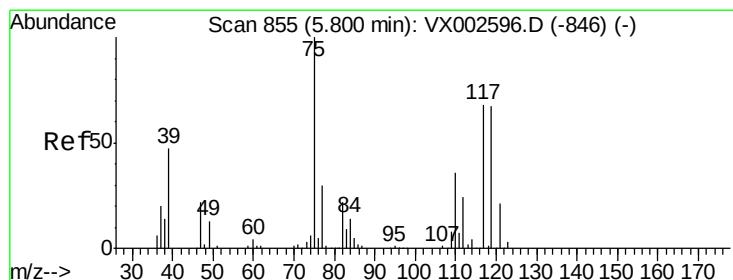
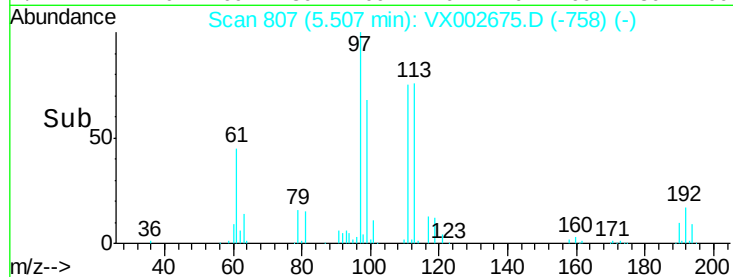
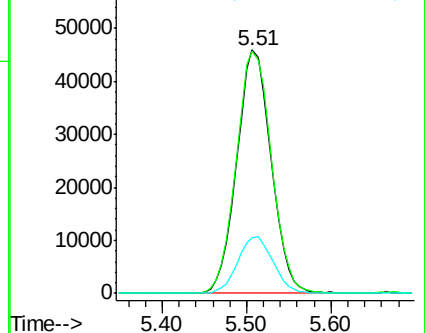
192 23.9 19.1 28.7



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: 49.126 ug/l

RT: 5.81 min Scan# 856

Delta R.T. 0.01 min

Lab File: VX002675.D

Acq: 17 Jun 2018 03:49

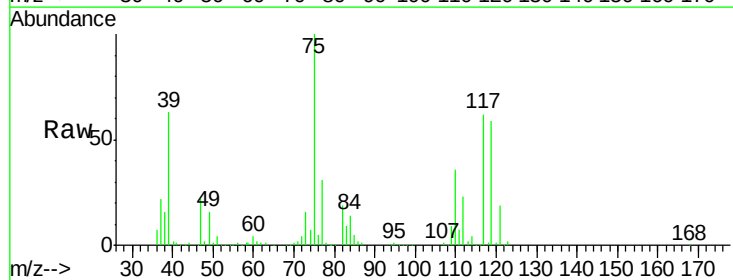
Tgt Ion: 75 Resp: 163502

Ion Ratio Lower Upper

75 100

110 36.3 18.1 54.4

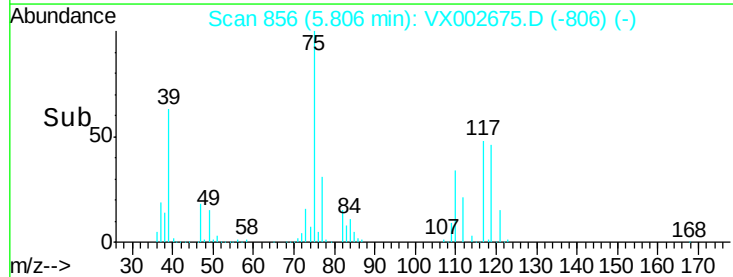
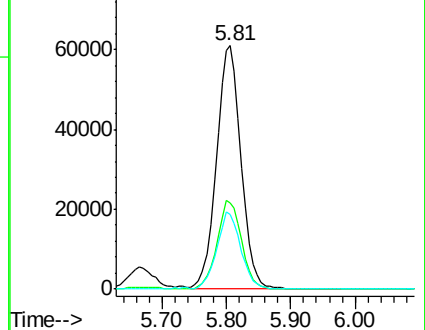
77 30.3 24.3 36.5

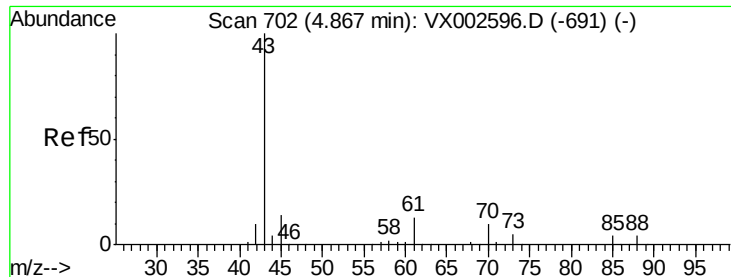


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

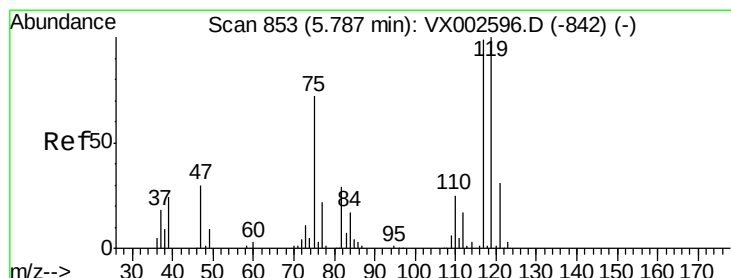
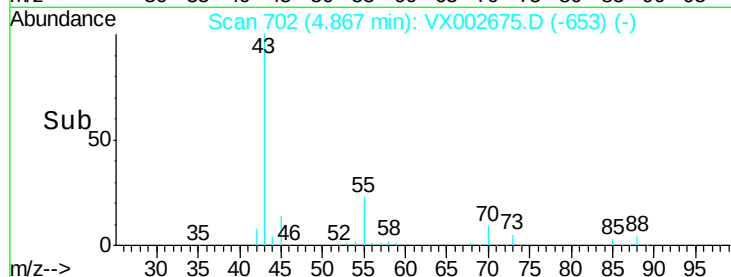
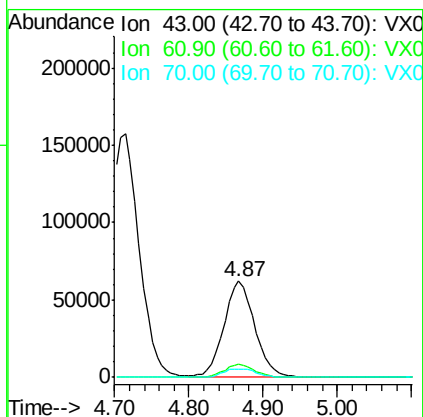
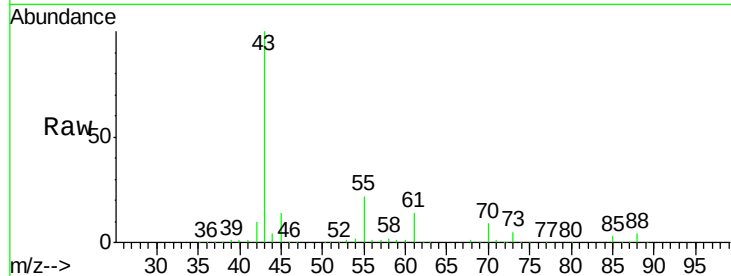




#37
Ethyl Acetate
Concen: 47.580 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.00 min
Lab File: VX002675.D
Acq: 17 Jun 2018 03:49

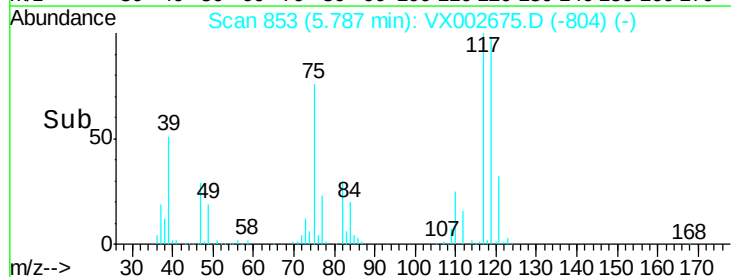
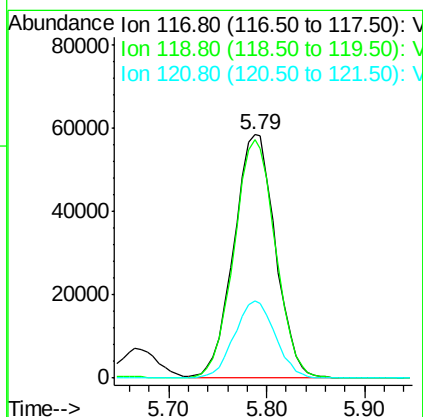
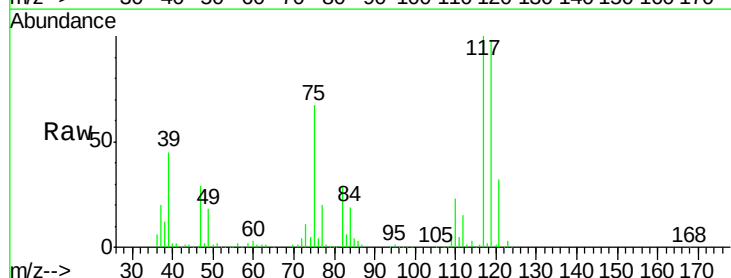
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

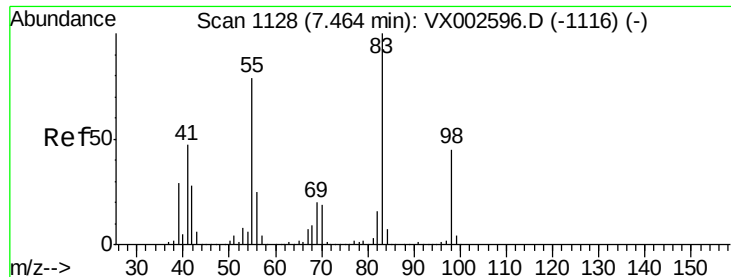
Tot Ion: 43 Resp: 179238
Ion Ratio Lower Upper
43 100
61 13.2 10.4 15.6
70 9.4 7.6 11.4



#38
Carbon Tetrachloride
Concen: 52.027 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX002675.D
Acq: 17 Jun 2018 03:49

Tgt Ion: 117 Resp: 172426
Ion Ratio Lower Upper
117 100
119 97.4 77.4 116.0
121 31.5 24.4 36.6

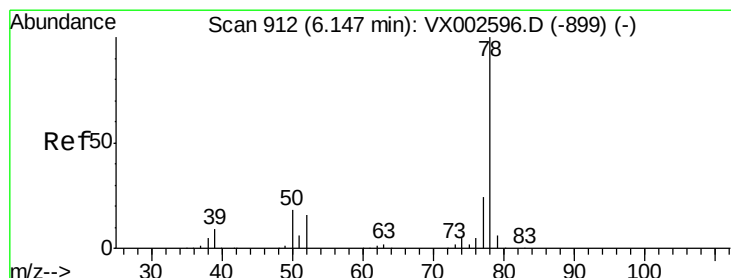
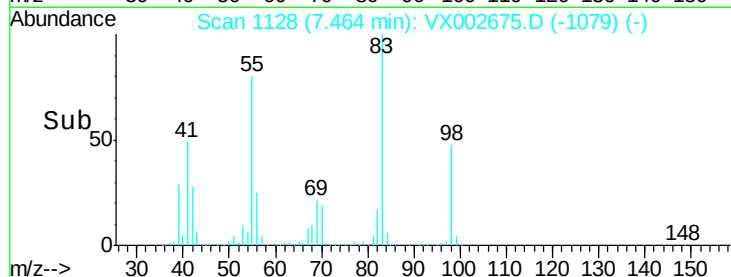
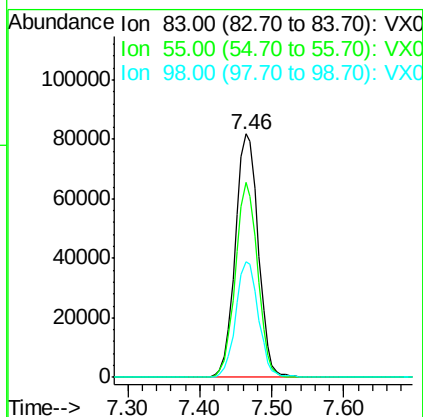
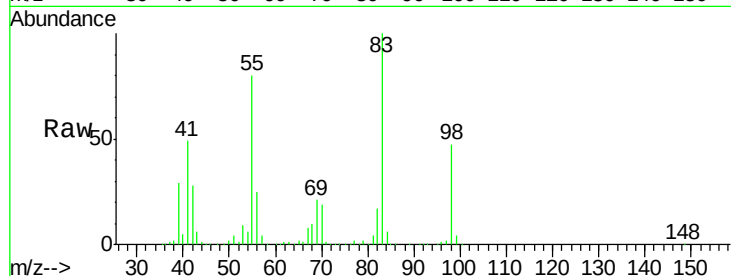




#39
Methylvlcyclohexane
Concen: 46.744 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX002675.D
Acq: 17 Jun 2018 03:49

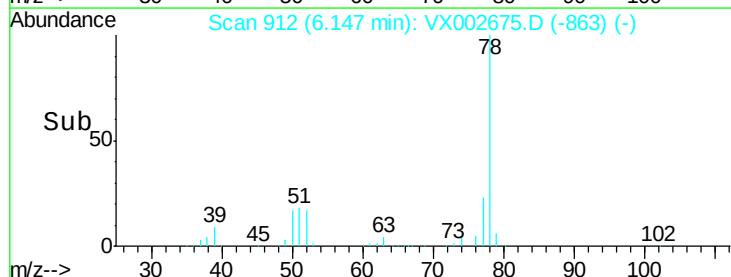
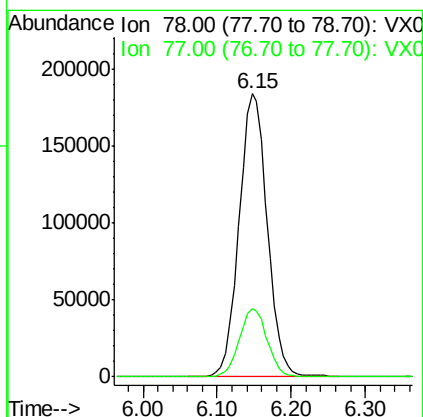
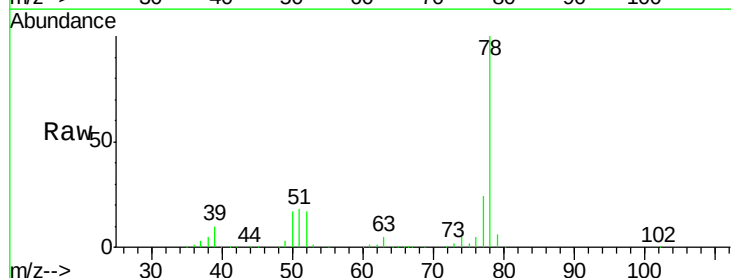
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

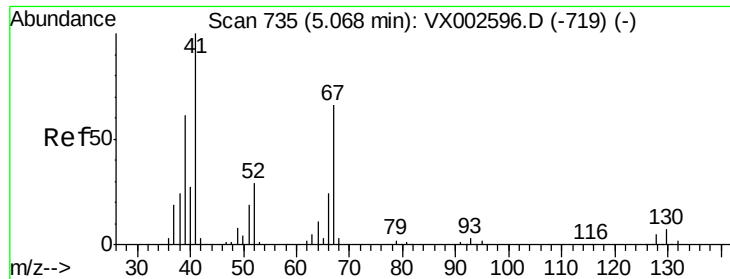
Tot Ion: 83 Resp: 181871
Ion Ratio Lower Upper
83 100
55 80.1 65.4 98.0
98 47.3 37.4 56.0



#40
Benzene
Concen: 48.994 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX002675.D
Acq: 17 Jun 2018 03:49

Tgt Ion: 78 Resp: 488945
Ion Ratio Lower Upper
78 100
77 23.9 19.1 28.7

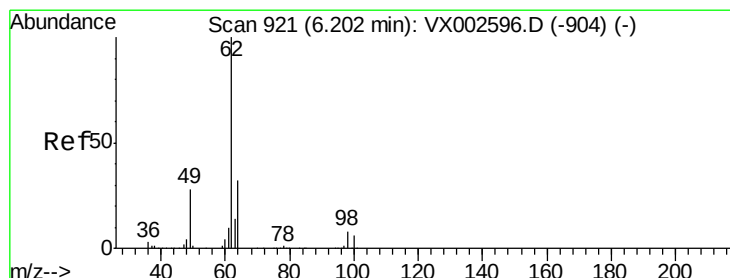
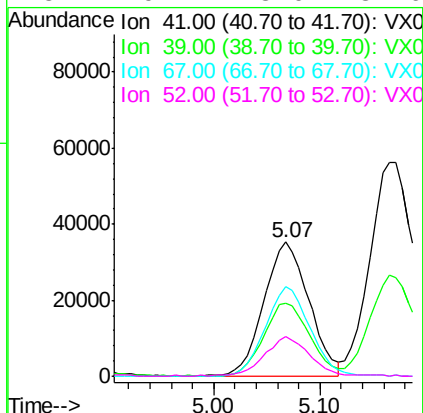
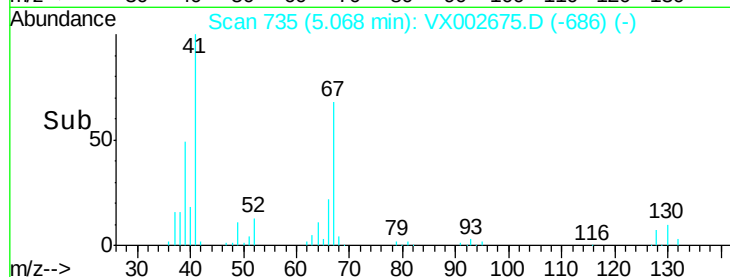
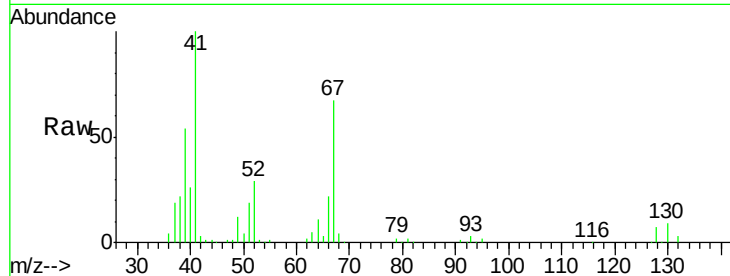




#41
Methacrylonitrile
Concen: 48.590 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX002675.D
Acq: 17 Jun 2018 03:49

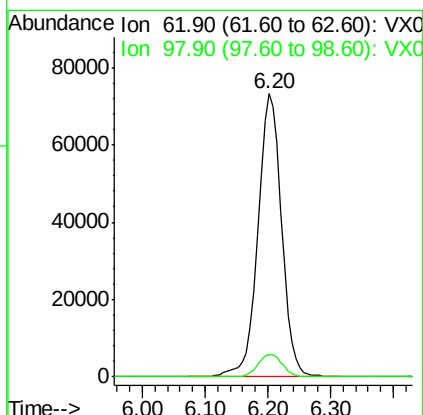
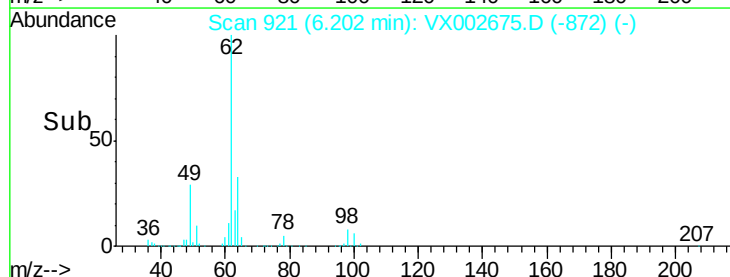
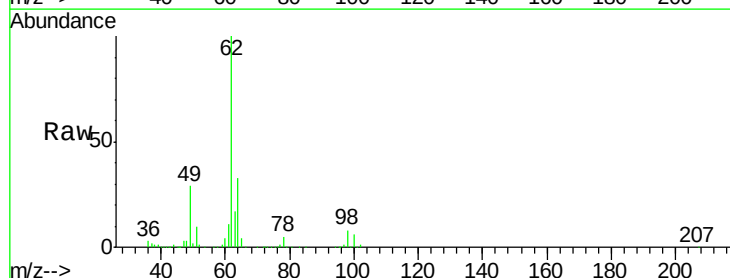
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

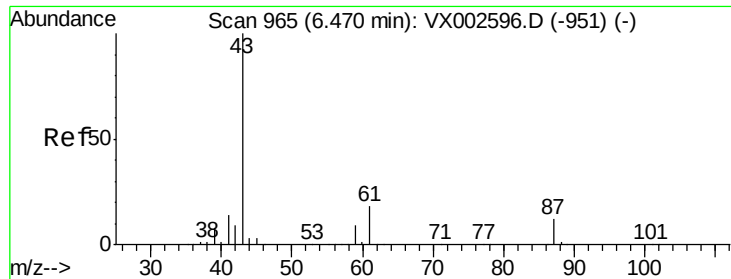
Tot Ion:	41	Resp:	103350
Ion	Ratio	Lower	Upper
41	100		
39	55.2	45.8	68.6
67	66.5	51.3	76.9
52	29.2	23.0	34.6



#42
1,2-Dichloroethane
Concen: 49.447 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX002675.D
Acq: 17 Jun 2018 03:49

Tgt Ion:	62	Resp:	191051
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	16.6



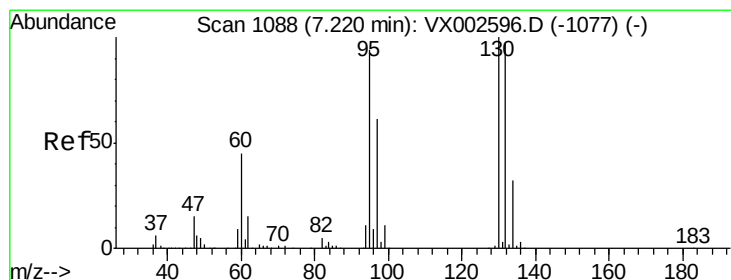
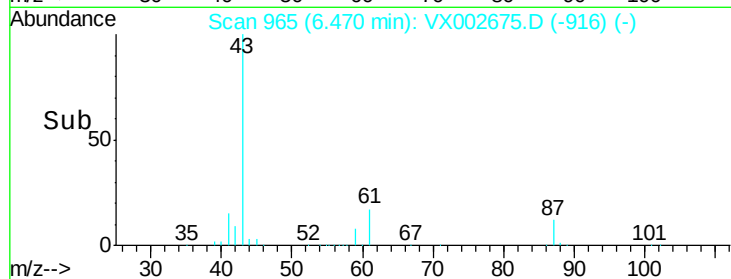
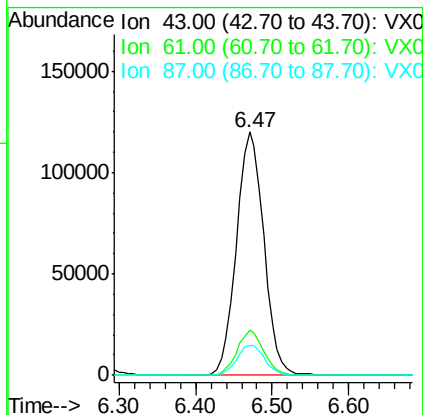
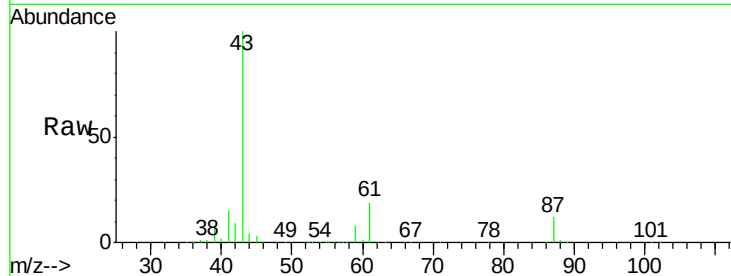


#43

Isopropyl Acetate
 Concen: 47.627 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. 0.00 min
 Lab File: VX002675.D
 Acq: 17 Jun 2018 03:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

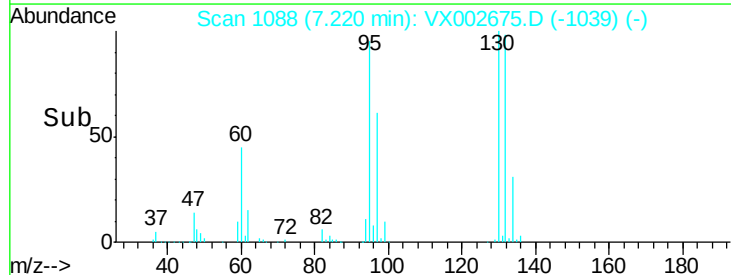
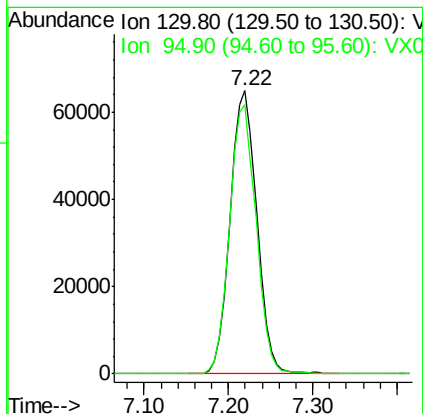
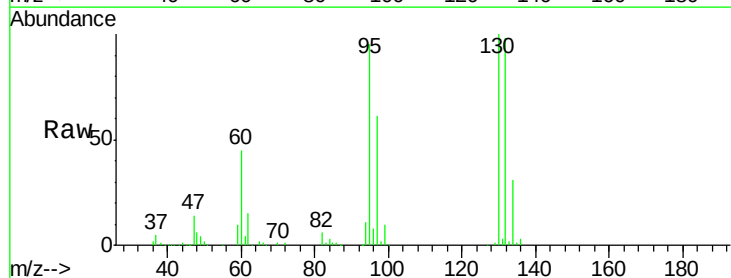
Tot Ion	43	Resp	297253
Ion Ratio	Lower	Upper	
43	100		
61	18.1	14.4	21.6
87	12.6	9.5	14.3

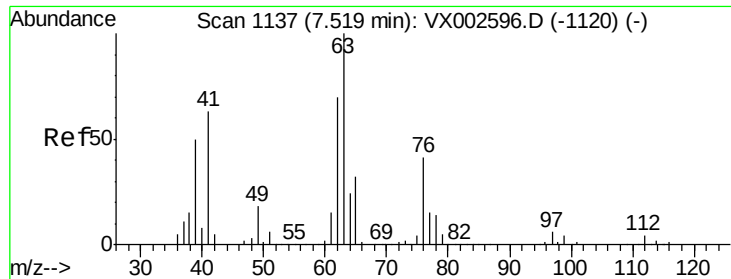


#44

Trichloroethene
 Concen: 48.547 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX002675.D
 Acq: 17 Jun 2018 03:49

Tgt Ion	130	Resp	139837
Ion Ratio	Lower	Upper	
130	100		
95	95.0	0.0	185.4

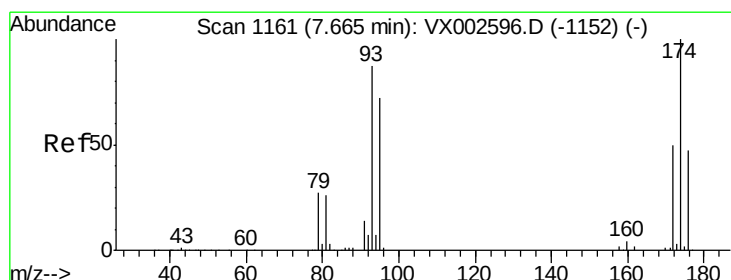
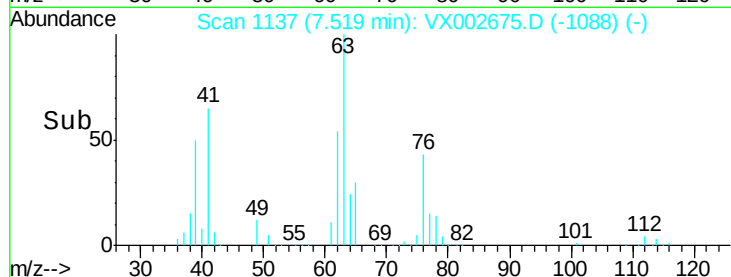
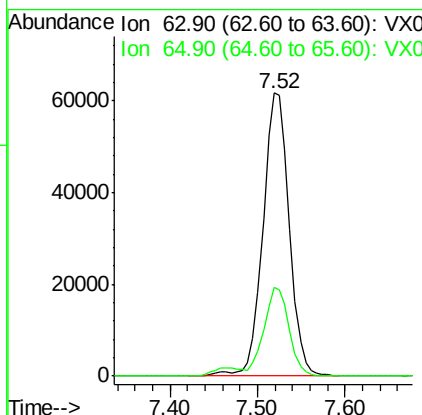
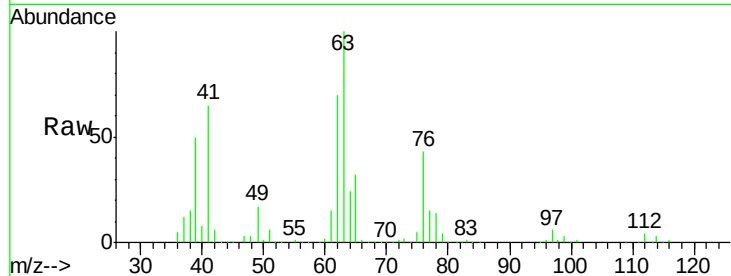




#45
 1,2-Dichloropropane
 Concen: 49.579 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX002675.D
 Acq: 17 Jun 2018 03:49

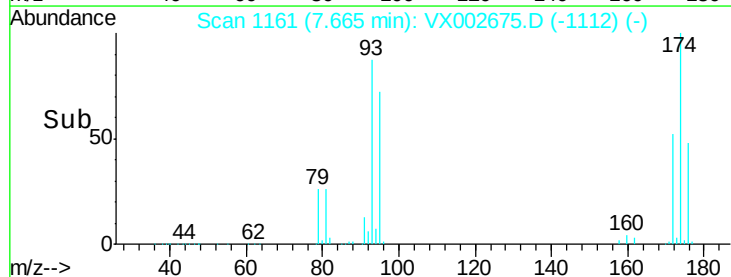
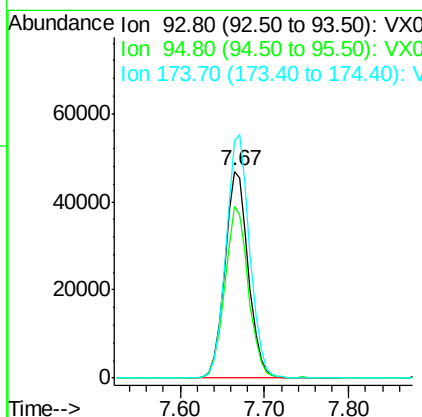
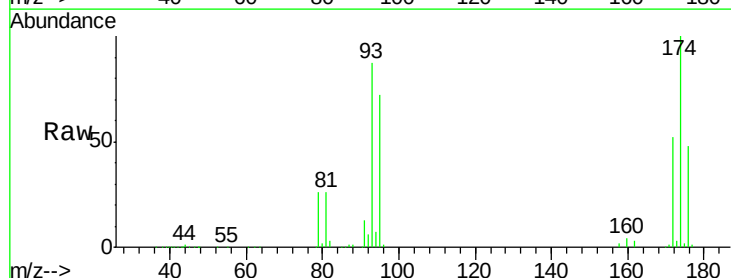
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

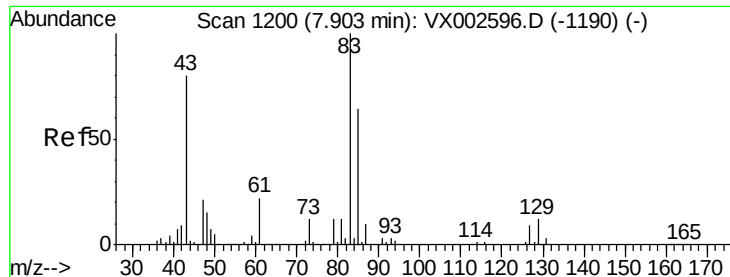
Tot Ion: 63 Resp: 130220
 Ion Ratio Lower Upper
 63 100
 65 31.5 24.7 37.1



#46
 Dibromomethane
 Concen: 50.673 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX002675.D
 Acq: 17 Jun 2018 03:49

Tgt Ion: 93 Resp: 89029
 Ion Ratio Lower Upper
 93 100
 95 83.2 65.9 98.9
 174 118.4 92.4 138.6





#47

Bromodichloromethane

Concen: 53.450 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX002675.D

Acq: 17 Jun 2018 03:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

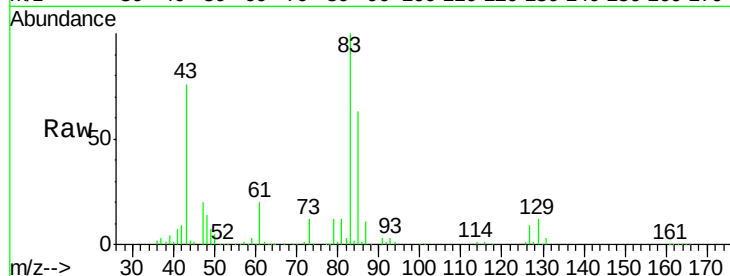
Tot Ion: 83 Resp: 165629

Ion Ratio Lower Upper

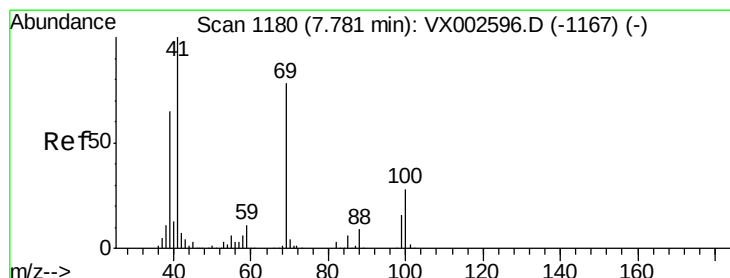
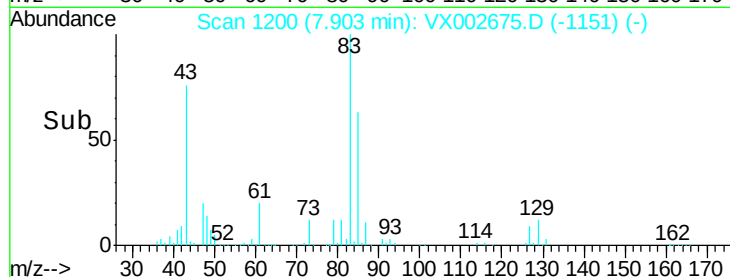
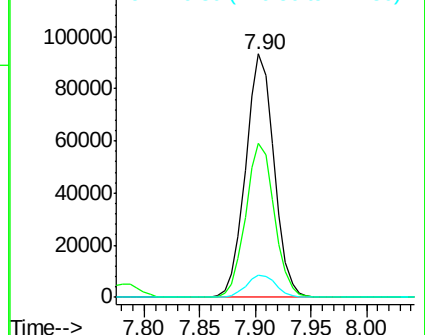
83 100

85 63.4 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: 47.960 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX002675.D

Acq: 17 Jun 2018 03:49

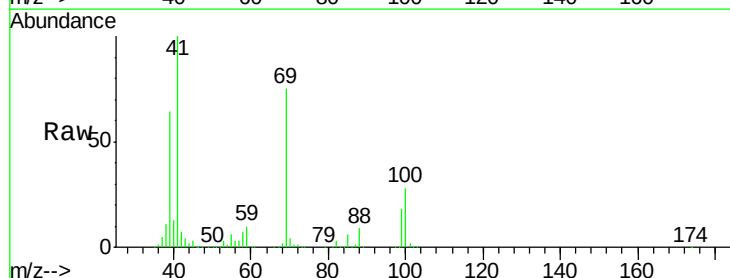
Tgt Ion: 41 Resp: 152966

Ion Ratio Lower Upper

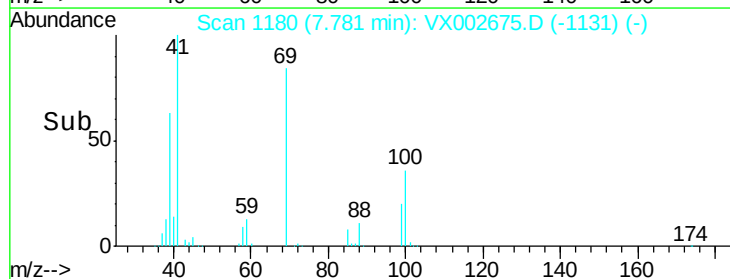
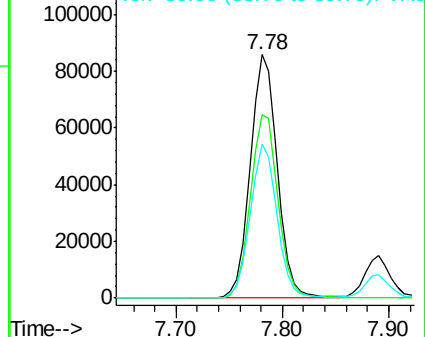
41 100

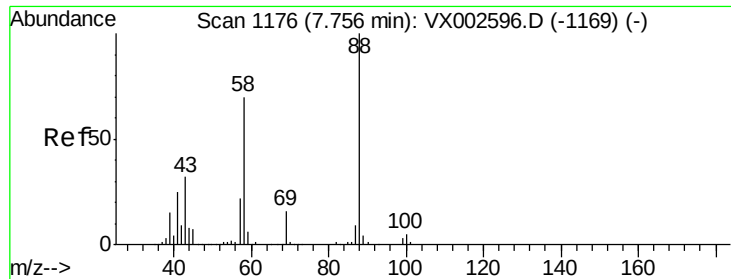
69 77.5 59.1 88.7

39 62.6 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

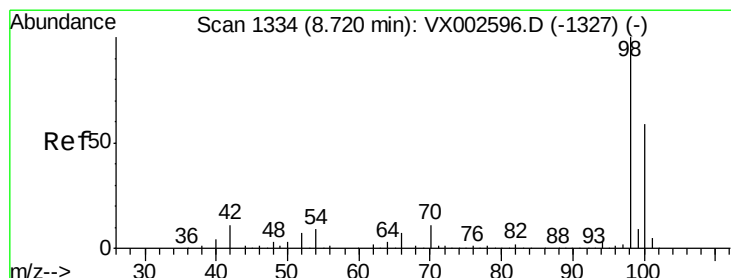
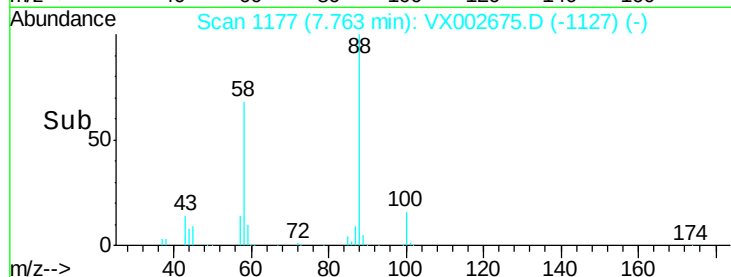
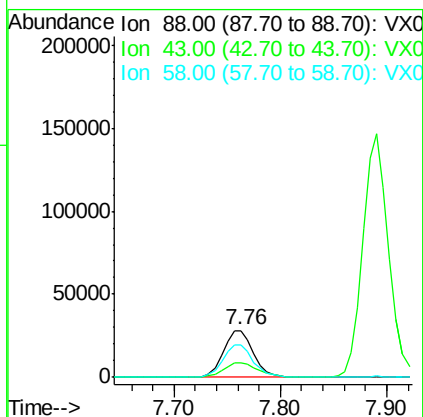
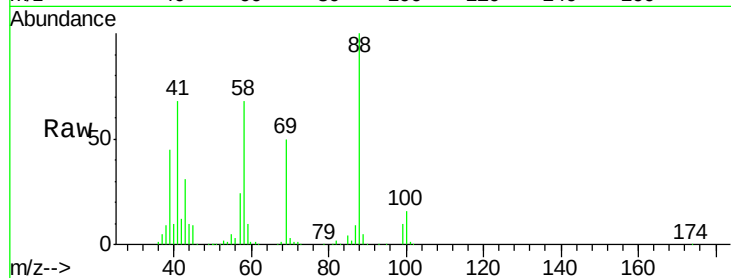




#49
1,4-Dioxane
Concen: 915.942 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX002675.D
Acq: 17 Jun 2018 03:49

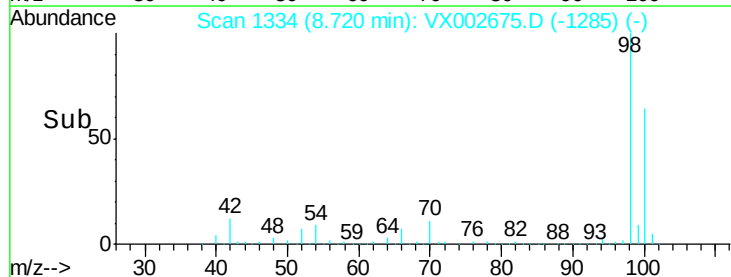
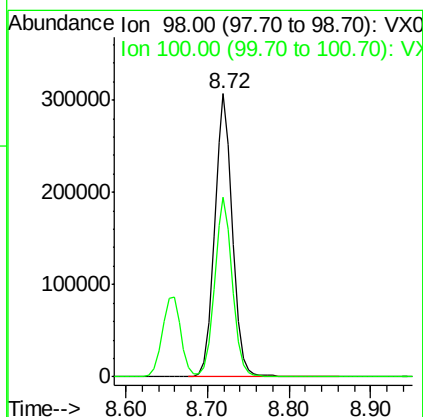
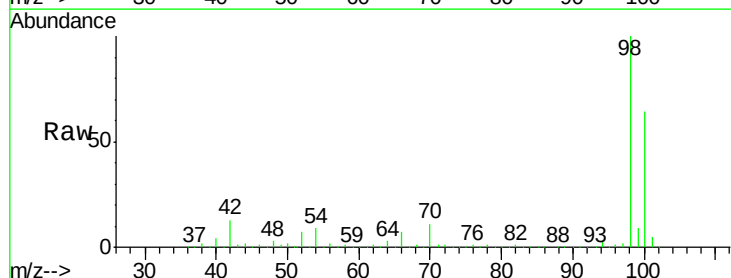
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

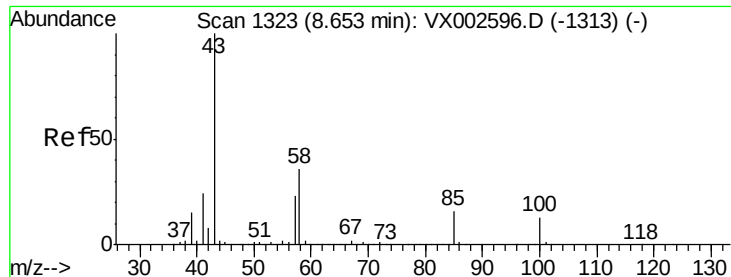
Tot Ion: 88 Resp: 55323
Ion Ratio Lower Upper
88 100
43 35.3 29.8 44.6
58 70.6 57.1 85.7



#50
Toluene-d8
Concen: 49.532 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002675.D
Acq: 17 Jun 2018 03:49

Tgt Ion: 98 Resp: 470370
Ion Ratio Lower Upper
98 100
100 63.4 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 239.729 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX002675.D

Acq: 17 Jun 2018 03:49

Instrument :

MSVOA_X

ClientSampleId :

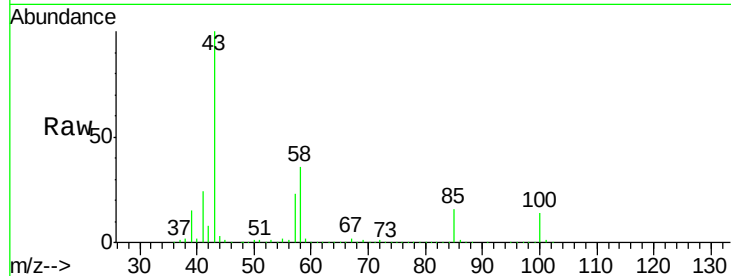
VSTDCCC050EC

Tot Ion: 43 Resp: 960689

Ion Ratio Lower Upper

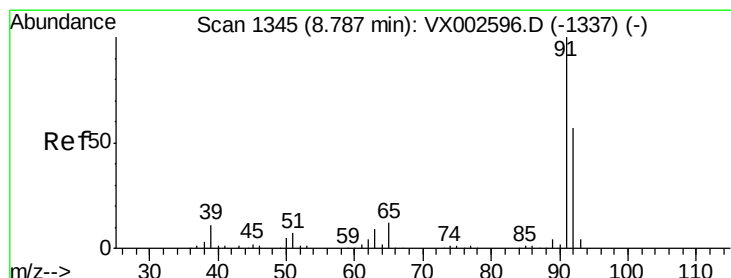
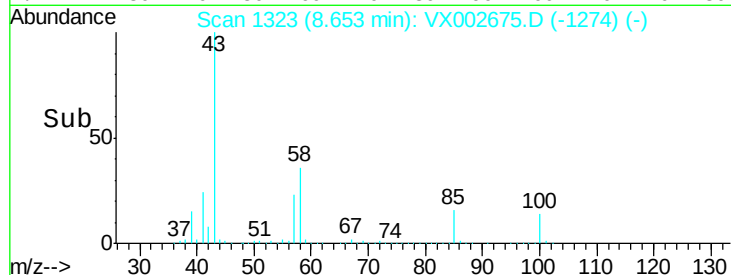
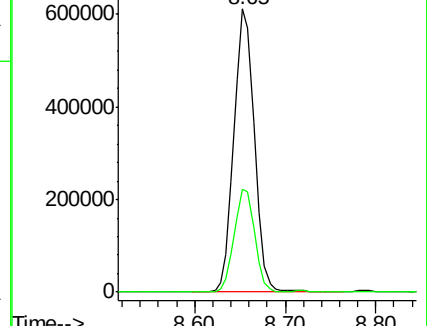
43 100

58 36.4 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 49.899 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX002675.D

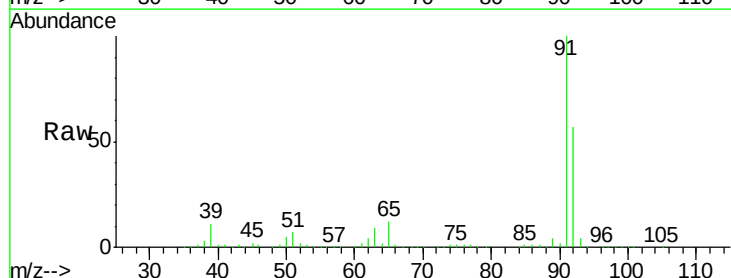
Acq: 17 Jun 2018 03:49

Tgt Ion: 92 Resp: 317658

Ion Ratio Lower Upper

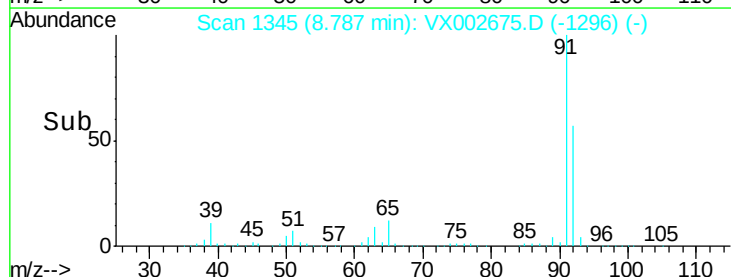
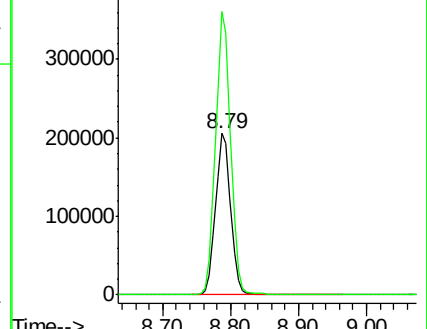
92 100

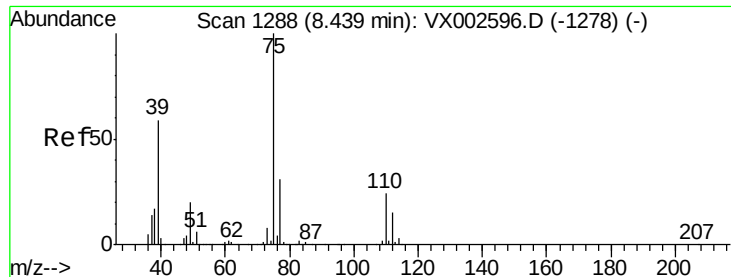
91 175.4 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 45.893 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX002675.D

Acq: 17 Jun 2018 03:49

Instrument :

MSVOA_X

ClientSampleId :

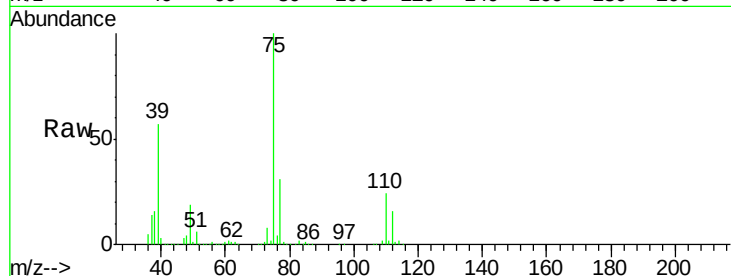
VSTDCCC050EC

Tot Ion: 75 Resp: 187403

Ion Ratio Lower Upper

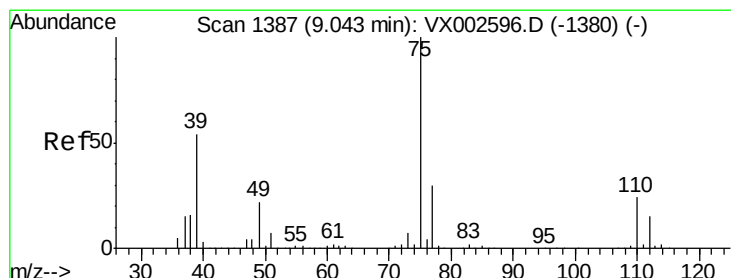
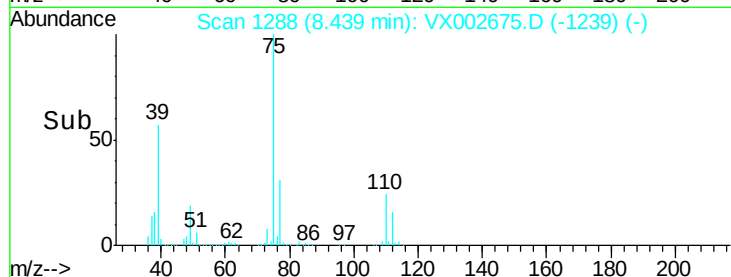
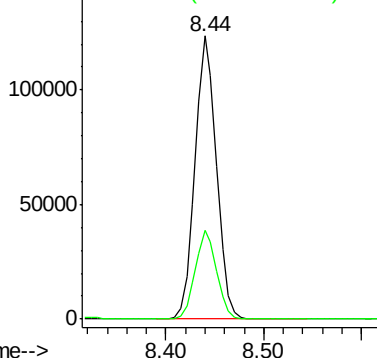
75 100

77 31.3 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 44.247 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VX002675.D

Acq: 17 Jun 2018 03:49

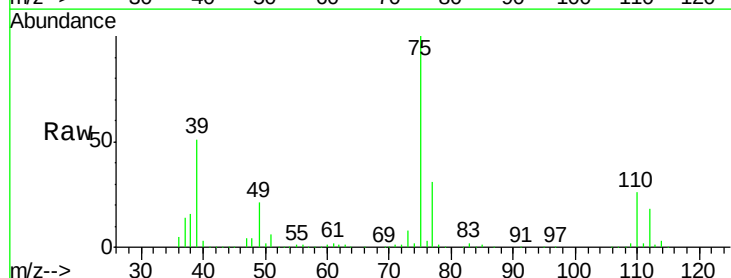
Tgt Ion: 75 Resp: 171595

Ion Ratio Lower Upper

75 100

77 31.2 24.8 37.2

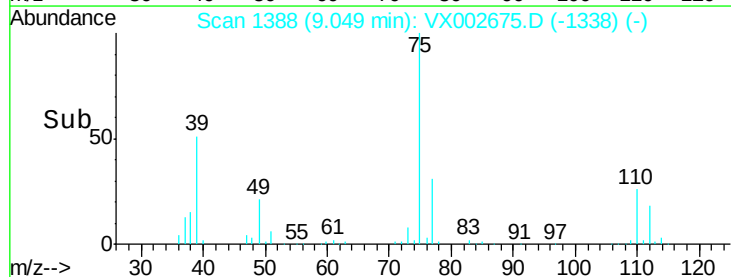
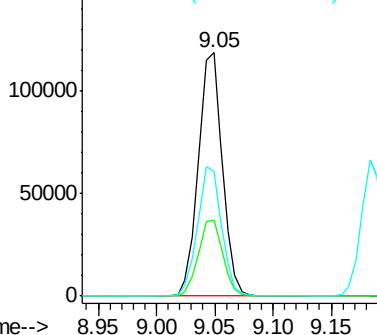
39 51.1 42.4 63.6

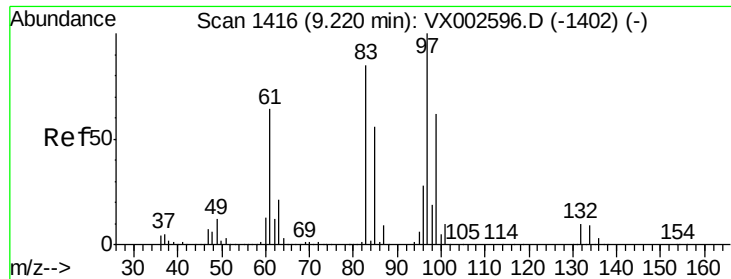


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

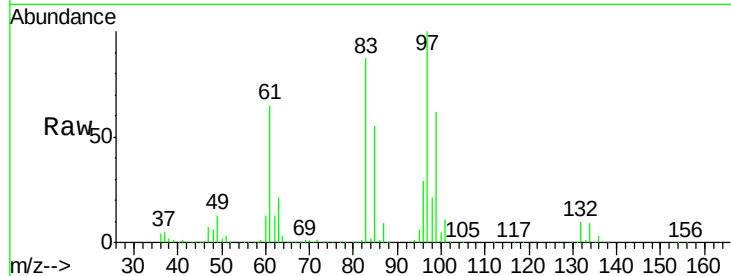




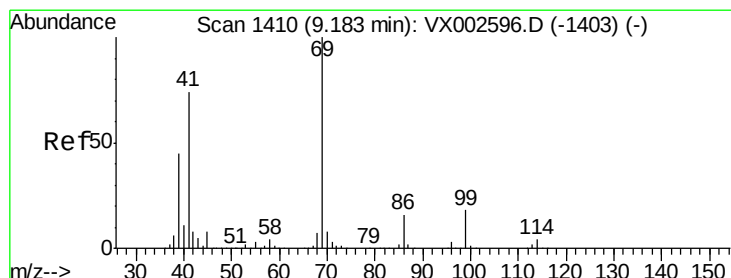
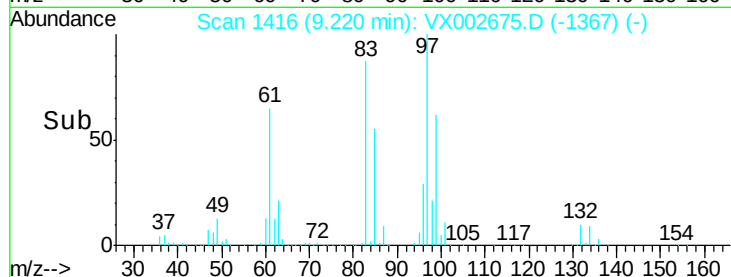
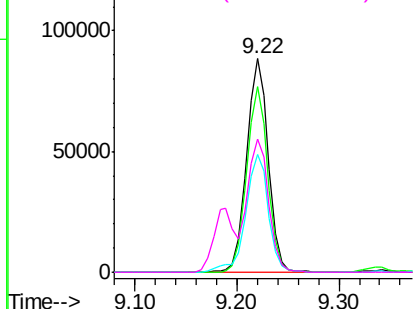
#55
 1,1,2-Trichloroethane
 Concen: 50.823 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX002675.D
 Acq: 17 Jun 2018 03:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	130732
Ion	Ratio	Lower	Upper
97	100		
83	86.8	70.2	105.2
85	54.9	44.9	67.3
99	62.3	49.8	74.8

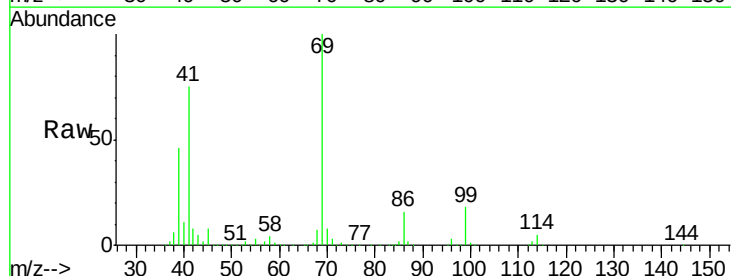


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

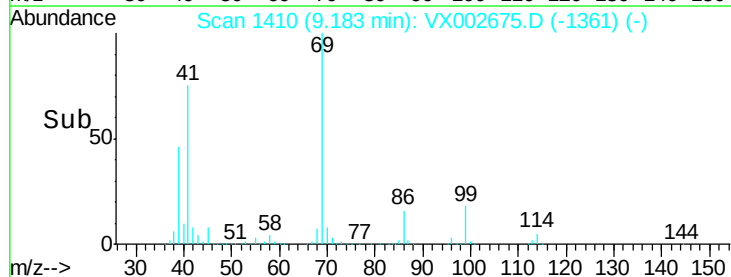
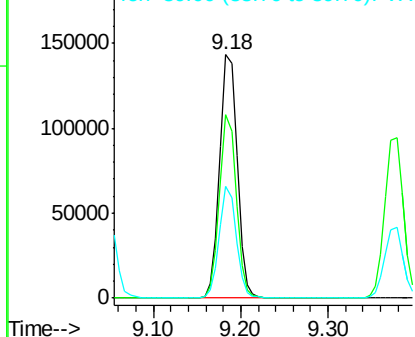


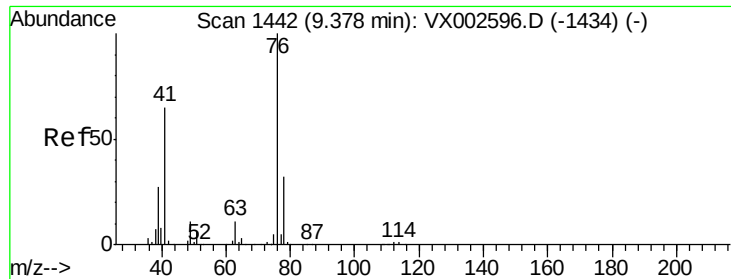
#56
 Ethyl methacrylate
 Concen: 50.444 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX002675.D
 Acq: 17 Jun 2018 03:49

Tgt Ion:	69	Resp:	199687
Ion	Ratio	Lower	Upper
69	100		
41	71.9	60.3	90.5
39	44.0	35.8	53.8



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

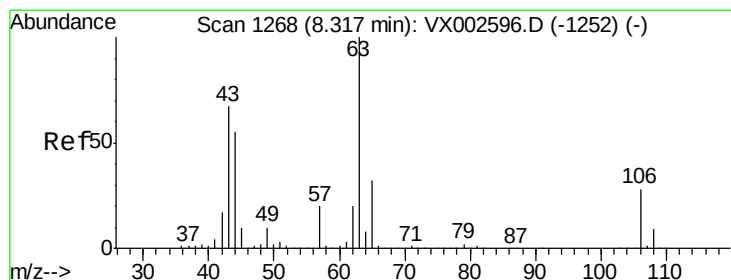
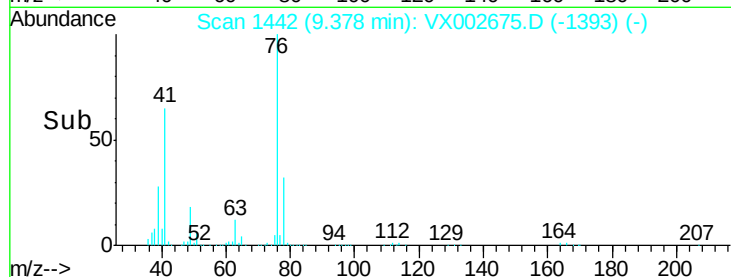
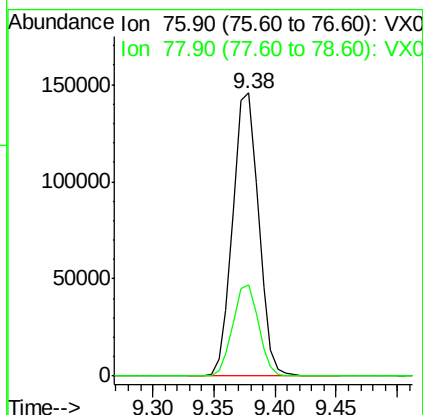
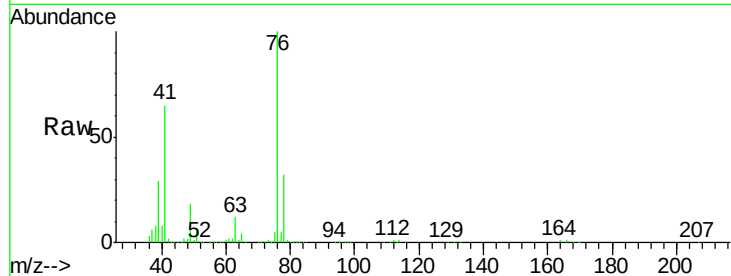




#57
 1,3-Dichloropropane
 Concen: 49.020 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX002675.D
 Acq: 17 Jun 2018 03:49

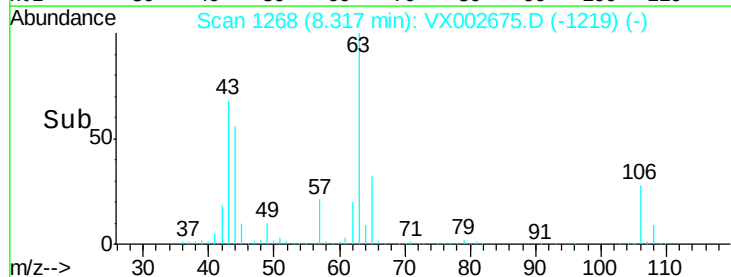
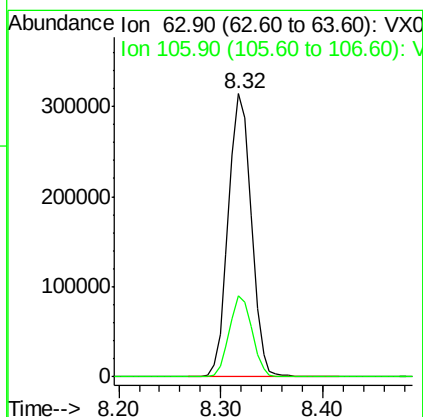
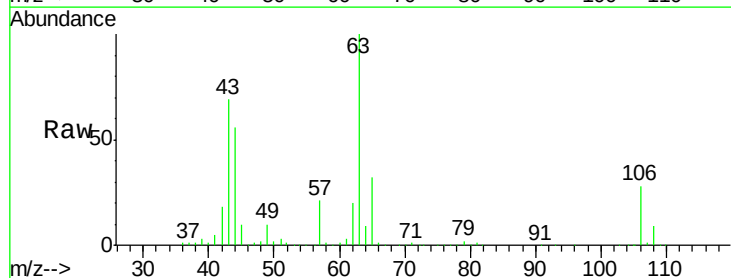
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

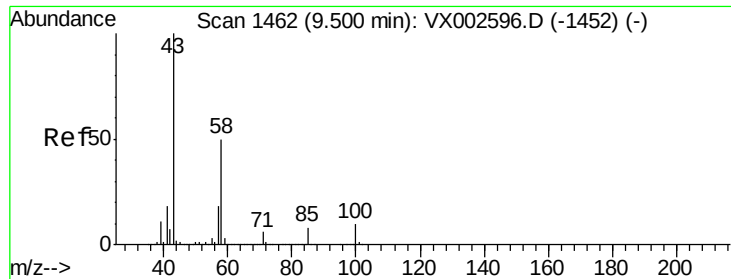
Tot Ion: 76 Resp: 213264
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 256.347 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VX002675.D
 Acq: 17 Jun 2018 03:49

Tgt Ion: 63 Resp: 490813
 Ion Ratio Lower Upper
 63 100
 106 28.3 21.8 32.8

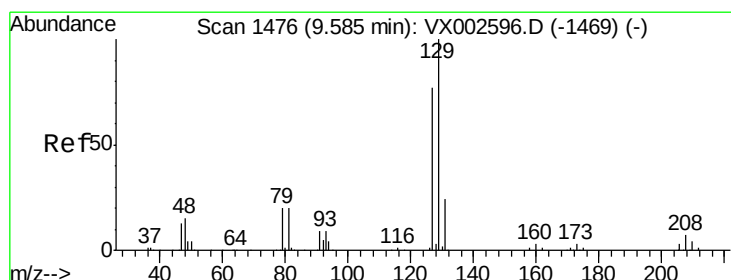
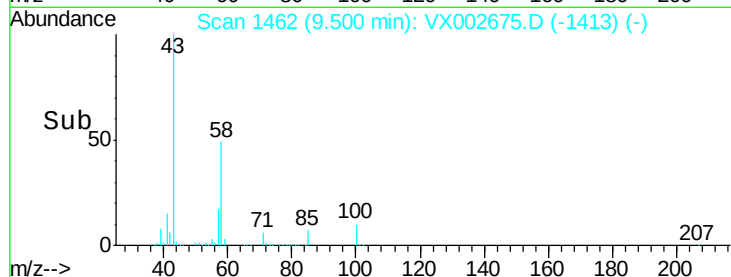
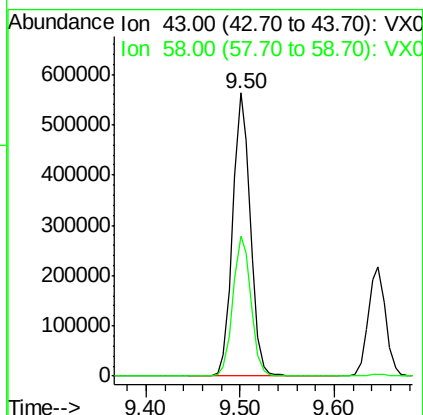
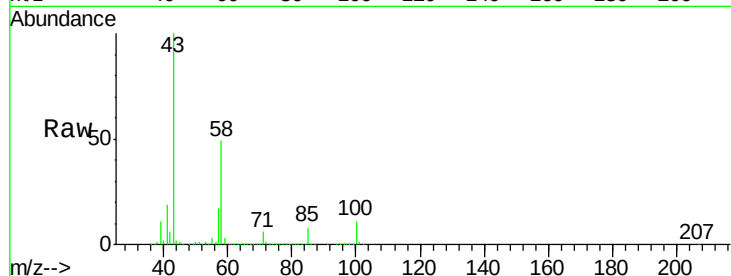




#59
2-Hexanone
Concen: 242.732 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX002675.D
Acq: 17 Jun 2018 03:49

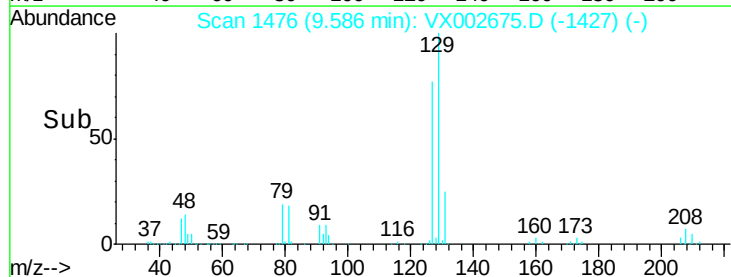
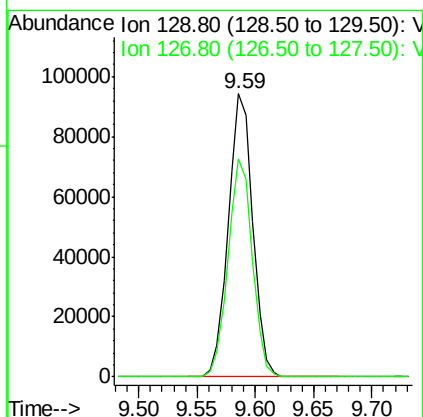
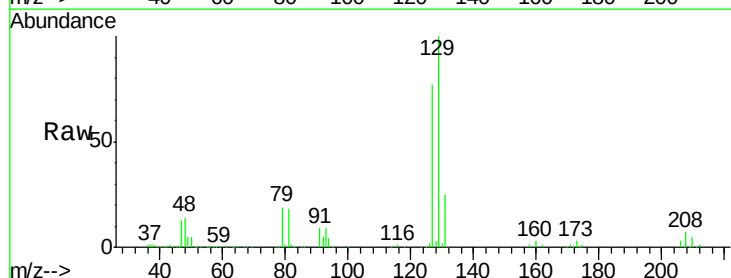
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

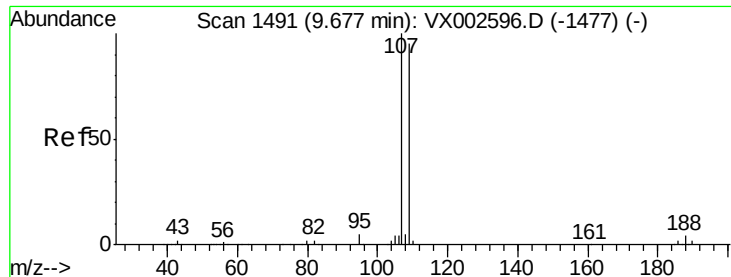
Tot Ion: 43 Resp: 732983
Ion Ratio Lower Upper
43 100
58 50.1 24.6 73.6



#60
Dibromochloromethane
Concen: 47.763 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX002675.D
Acq: 17 Jun 2018 03:49

Tgt Ion: 129 Resp: 137680
Ion Ratio Lower Upper
129 100
127 76.5 38.5 115.3





#61

1,2-Dibromoethane

Concen: 51.547 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX002675.D

Acq: 17 Jun 2018 03:49

Instrument :

MSVOA_X

ClientSampleId :

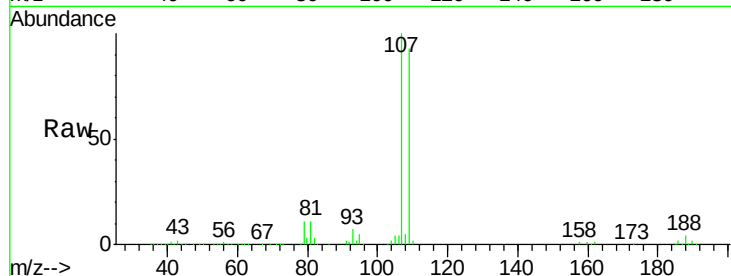
VSTDCCC050EC

Tot Ion:107 Resp: 137326

Ion Ratio Lower Upper

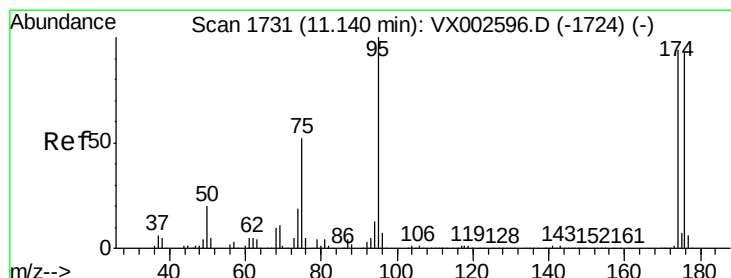
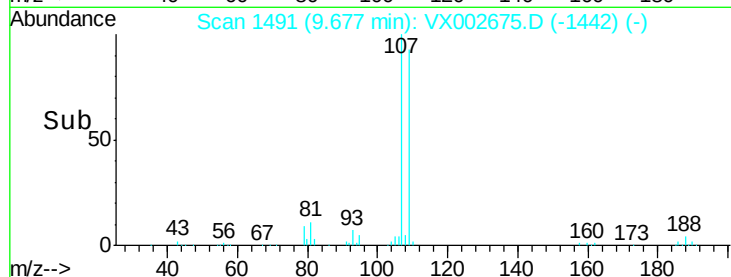
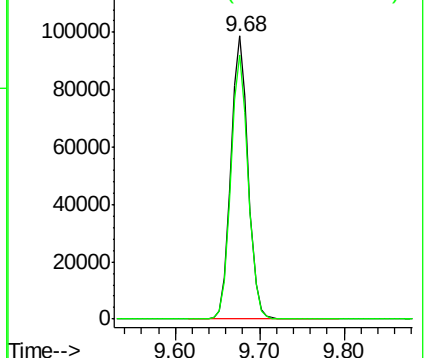
107 100

109 94.2 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.747 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002675.D

Acq: 17 Jun 2018 03:49

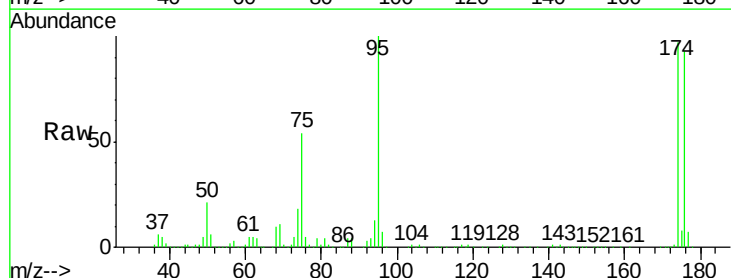
Tgt Ion: 95 Resp: 179015

Ion Ratio Lower Upper

95 100

174 98.5 0.0 187.4

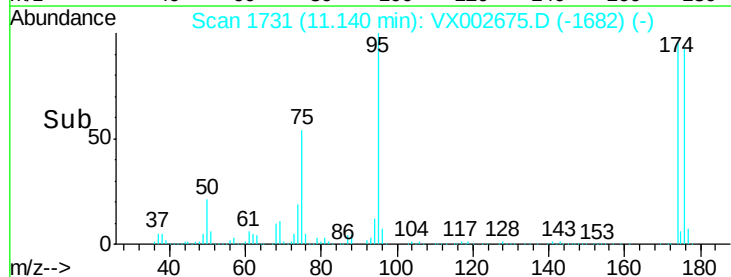
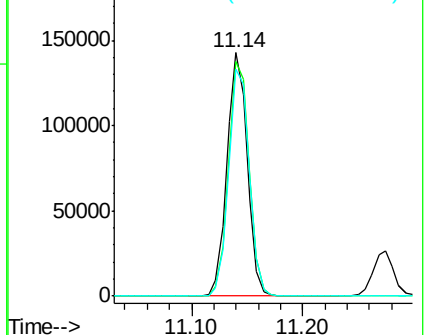
176 95.3 0.0 181.0

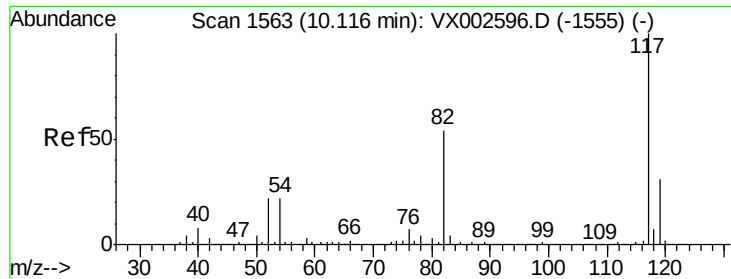


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

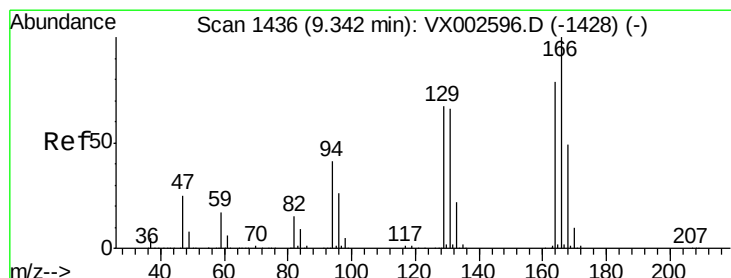
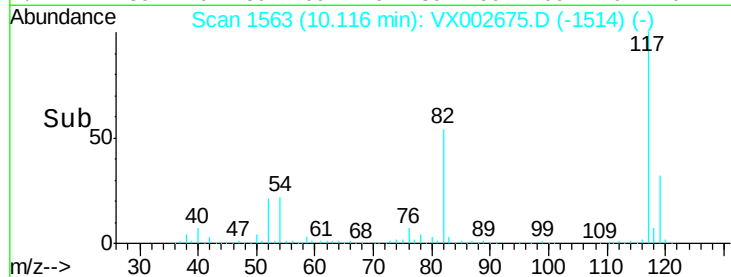
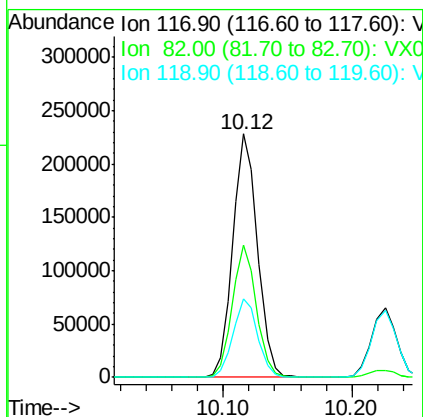
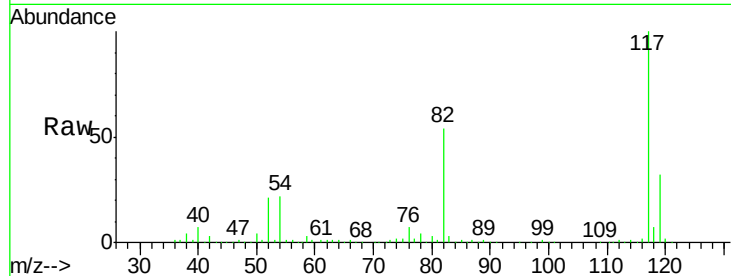




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002675.D
Acq: 17 Jun 2018 03:49

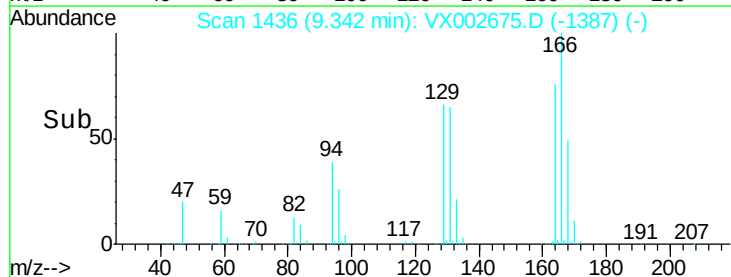
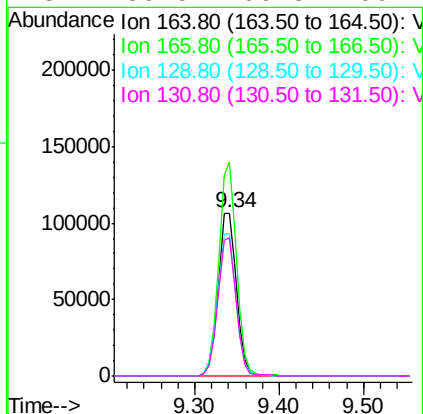
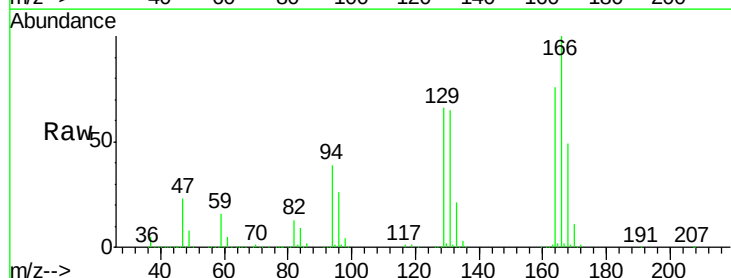
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

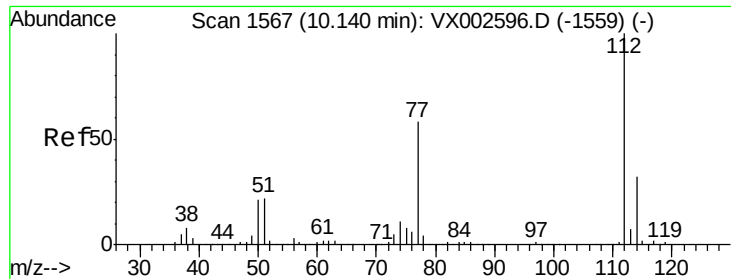
Tot Ion:117 Resp: 306071
Ion Ratio Lower Upper
117 100
82 54.2 45.0 67.4
119 32.4 25.8 38.6



#64
Tetrachloroethene
Concen: 47.297 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX002675.D
Acq: 17 Jun 2018 03:49

Tgt Ion:164 Resp: 160691
Ion Ratio Lower Upper
164 100
166 131.1 102.9 154.3
129 86.9 68.6 102.8
131 85.0 66.8 100.2

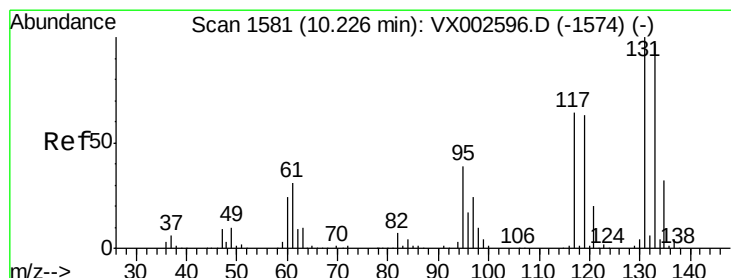
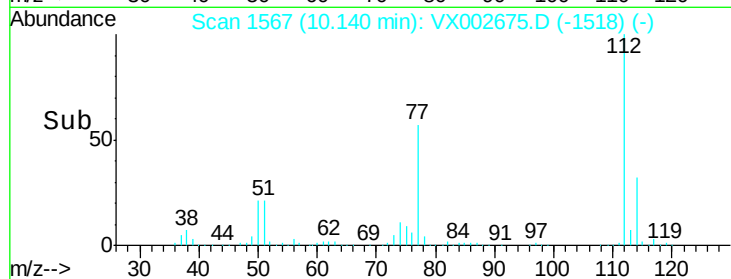
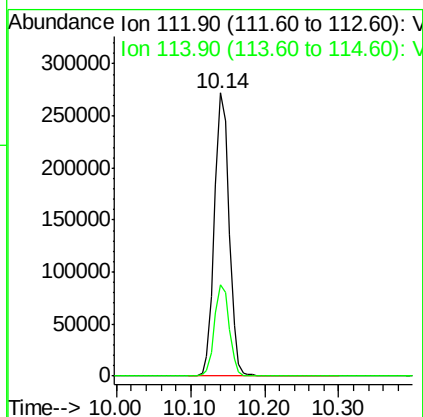
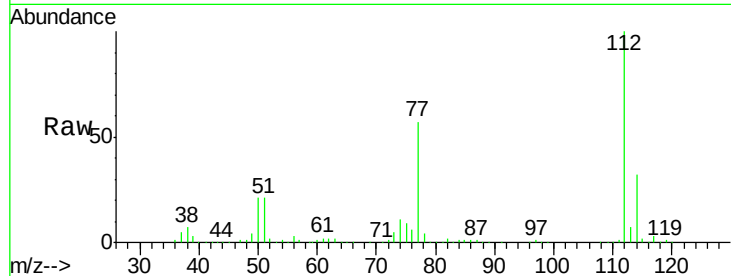




#65
Chlorobenzene
Concen: 48.936 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX002675.D
Acq: 17 Jun 2018 03:49

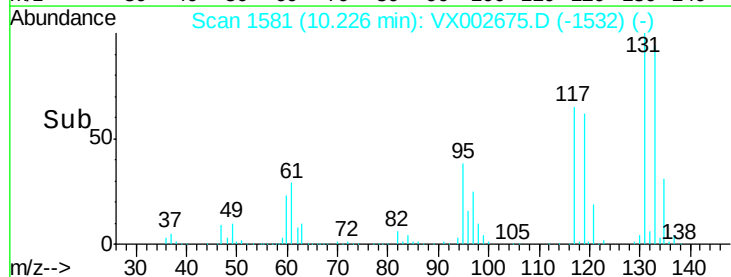
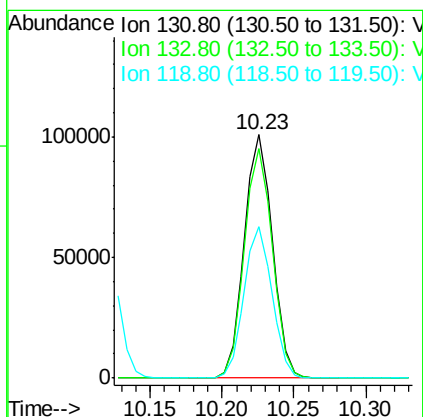
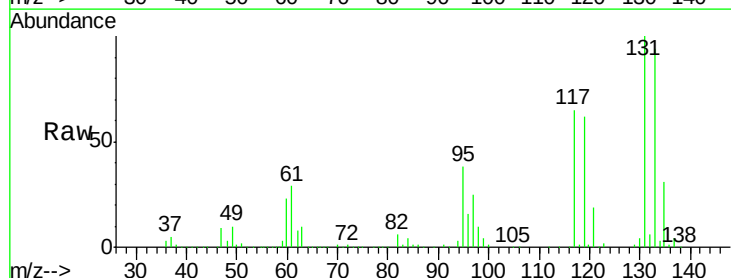
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

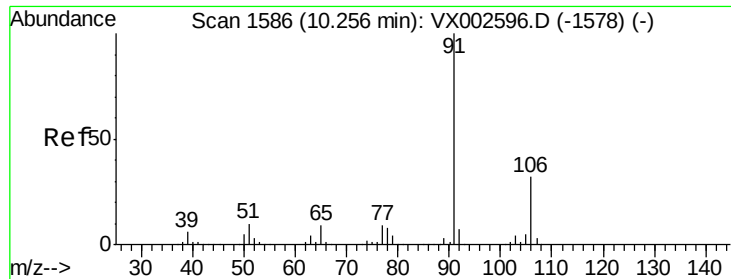
Tot Ion:112 Resp: 367834
Ion Ratio Lower Upper
112 100
114 32.2 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 53.053 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX002675.D
Acq: 17 Jun 2018 03:49

Tgt Ion:131 Resp: 135953
Ion Ratio Lower Upper
131 100
133 94.4 47.9 143.6
119 62.4 31.8 95.3

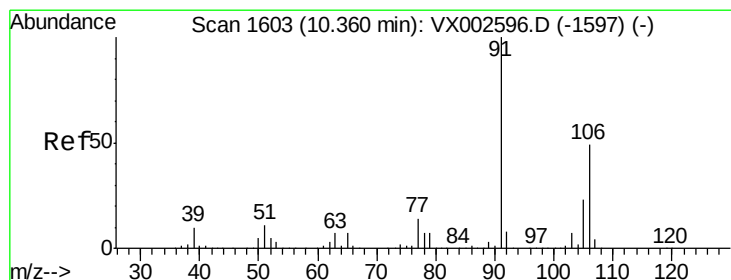
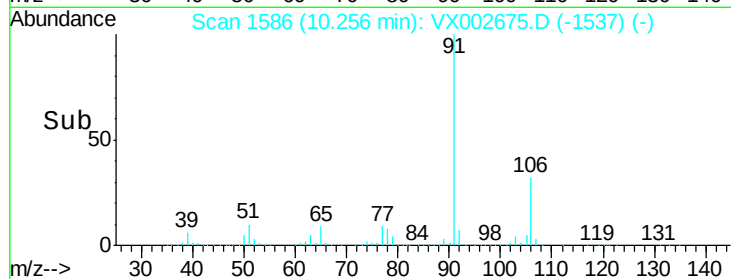
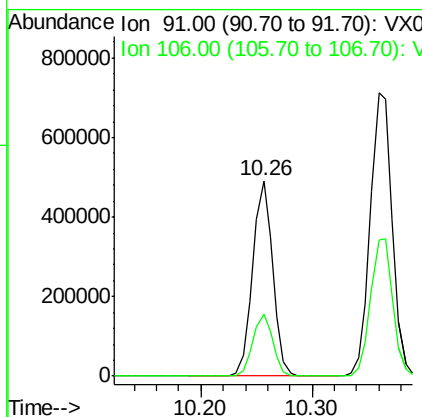
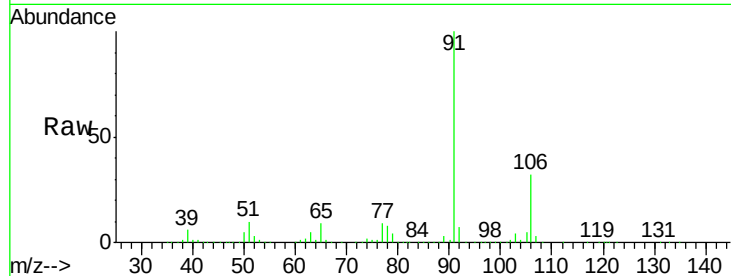




#67
Ethyl Benzene
Concen: 48.830 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX002675.D
Acq: 17 Jun 2018 03:49

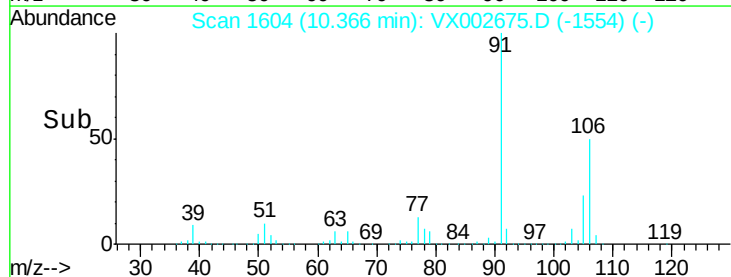
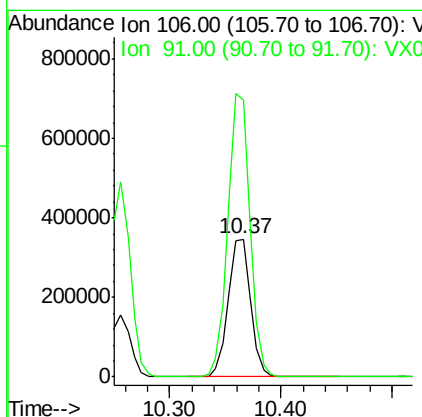
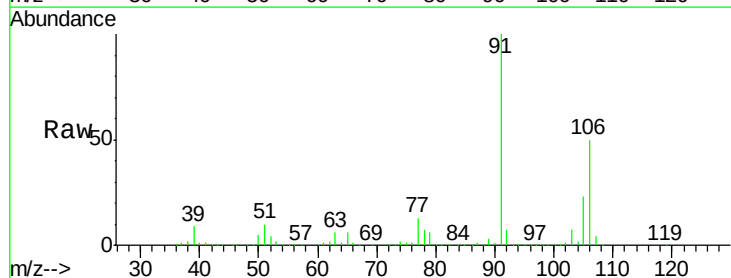
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

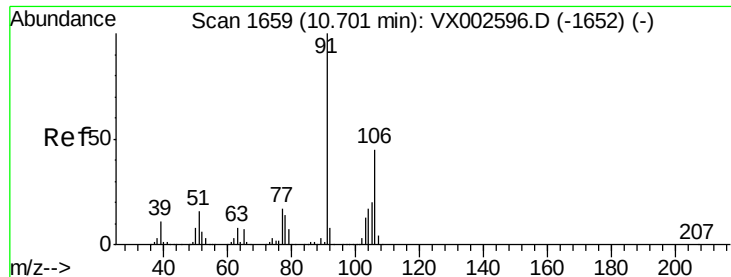
Tot Ion: 91 Resp: 619085
Ion Ratio Lower Upper
91 100
106 31.7 25.5 38.3



#68
m/p-Xylenes
Concen: 98.625 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.01 min
Lab File: VX002675.D
Acq: 17 Jun 2018 03:49

Tgt Ion: 106 Resp: 482332
Ion Ratio Lower Upper
106 100
91 203.4 163.4 245.2

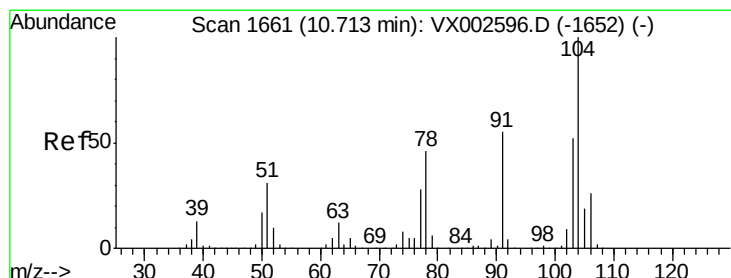
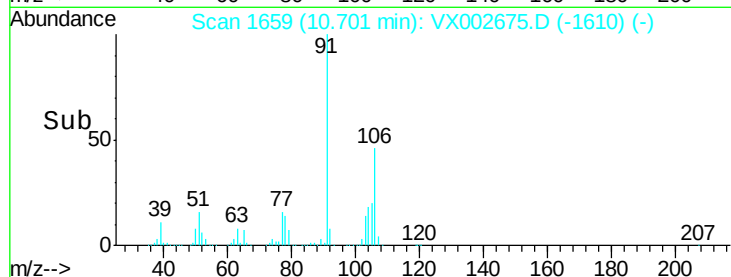
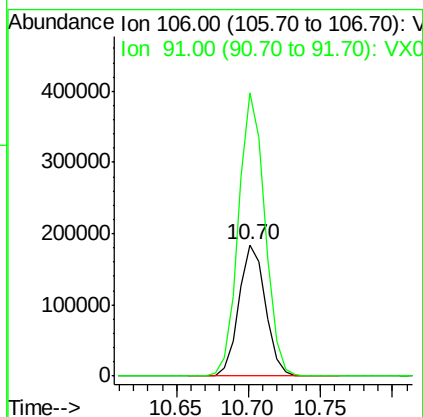
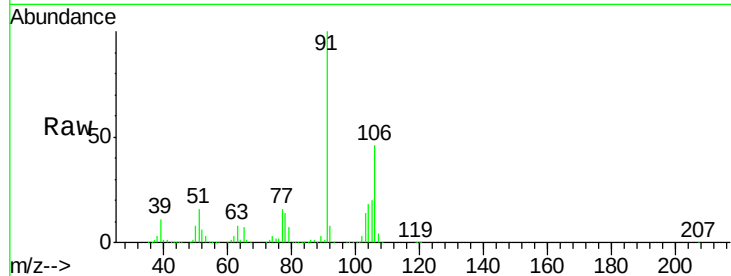




#69
o-Xylene
Concen: 48.999 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX002675.D
Acq: 17 Jun 2018 03:49

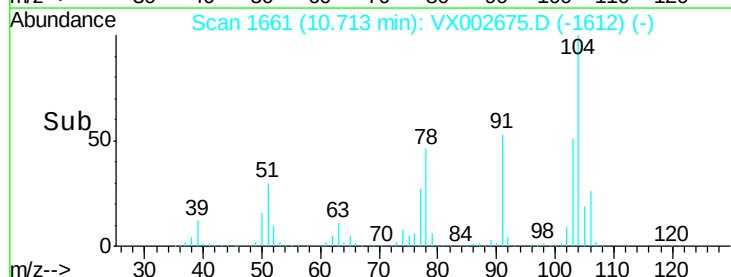
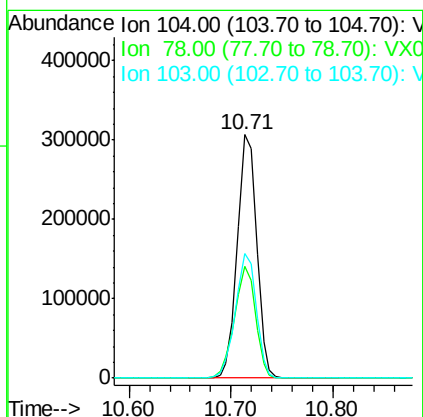
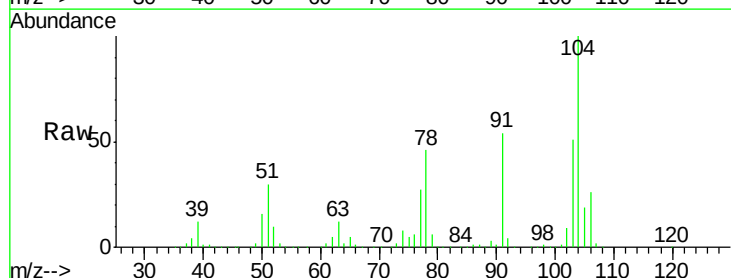
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

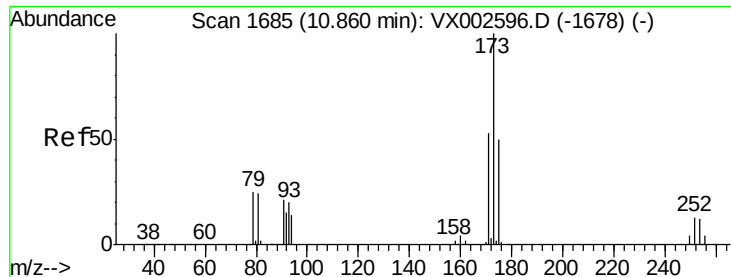
Tot Ion:106 Resp: 235440
Ion Ratio Lower Upper
106 100
91 214.8 108.2 324.6



#70
Styrene
Concen: 50.710 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX002675.D
Acq: 17 Jun 2018 03:49

Tgt Ion:104 Resp: 400715
Ion Ratio Lower Upper
104 100
78 50.1 41.0 61.6
103 55.4 44.2 66.4





#71

Bromoform

Concen: 45.373 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX002675.D

Acq: 17 Jun 2018 03:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

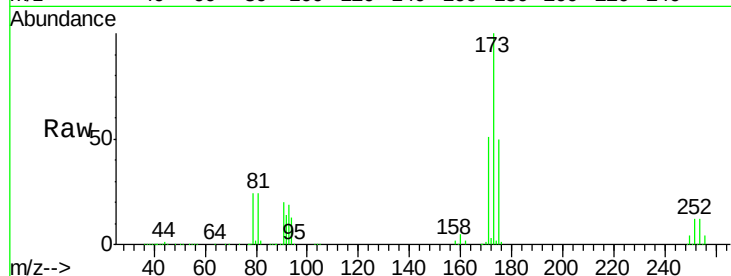
Tot Ion:173 Resp: 104696

Ion Ratio Lower Upper

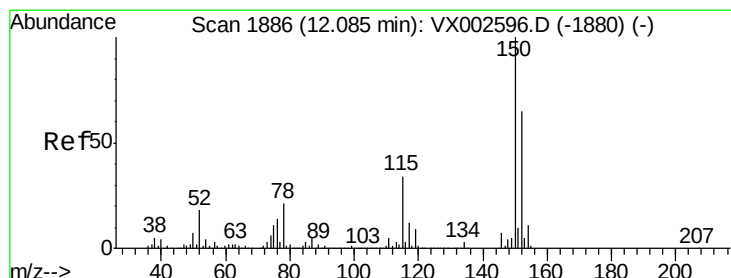
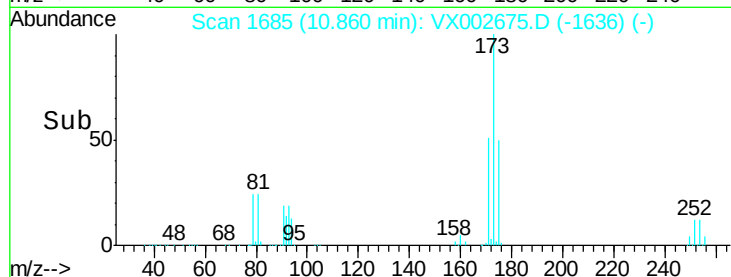
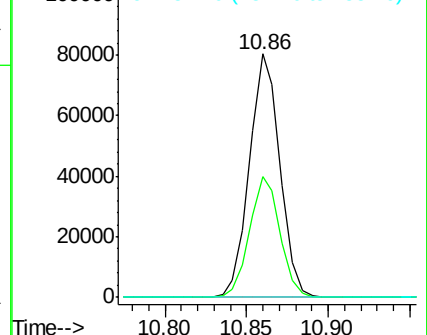
173 100

175 49.5 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: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX002675.D

Acq: 17 Jun 2018 03:49

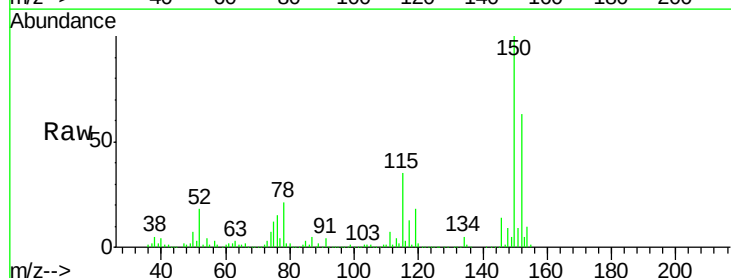
Tgt Ion:152 Resp: 196118

Ion Ratio Lower Upper

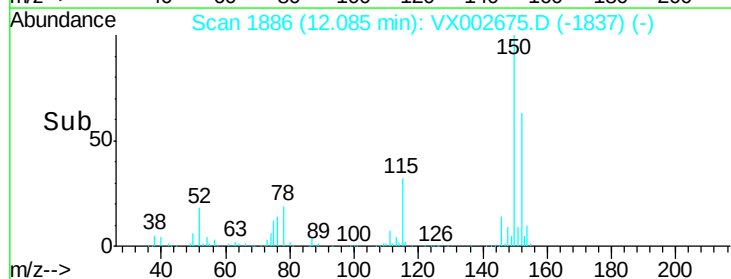
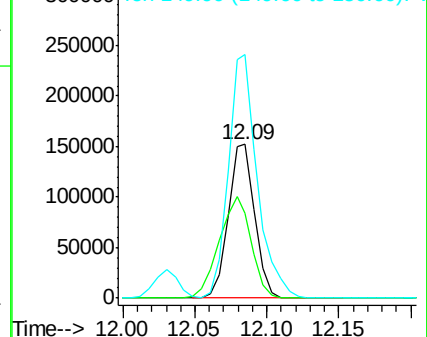
152 100

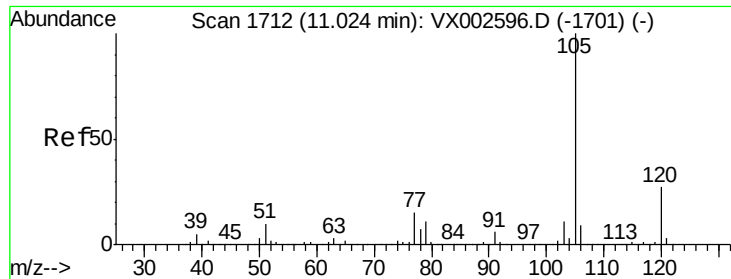
115 79.3 40.1 120.2

150 172.8 0.0 347.2



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





#73

Isopropylbenzene

Concen: 48.352 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX002675.D

Acq: 17 Jun 2018 03:49

Instrument :

MSVOA_X

ClientSampleId :

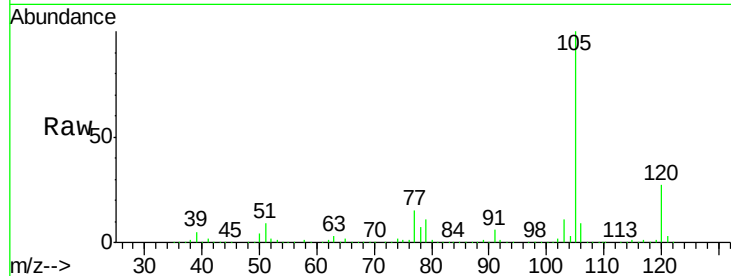
VSTDCCC050EC

Tot Ion:105 Resp: 634211

Ion Ratio Lower Upper

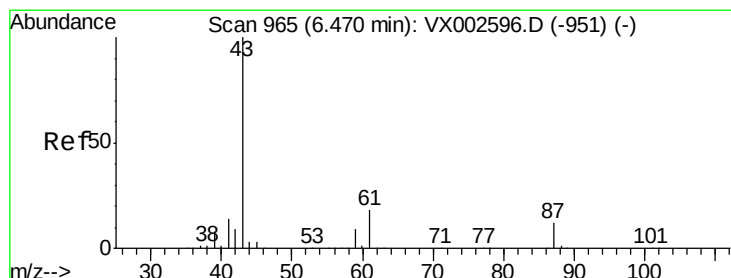
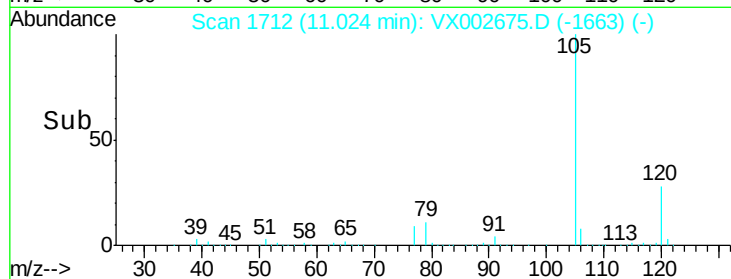
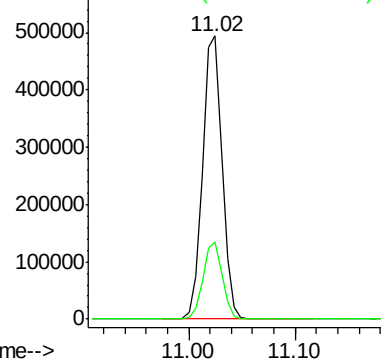
105 100

120 26.9 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 45.612 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX002675.D

Acq: 17 Jun 2018 03:49

Tgt Ion: 43 Resp: 297253

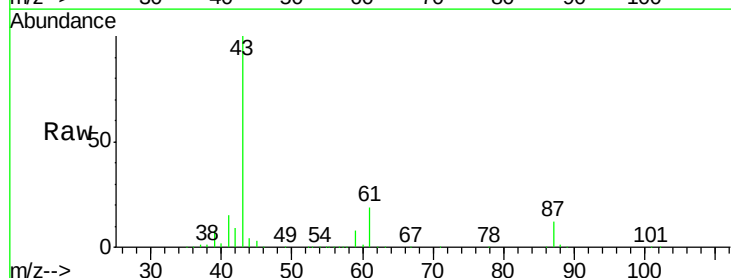
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 18.1 14.4 21.6

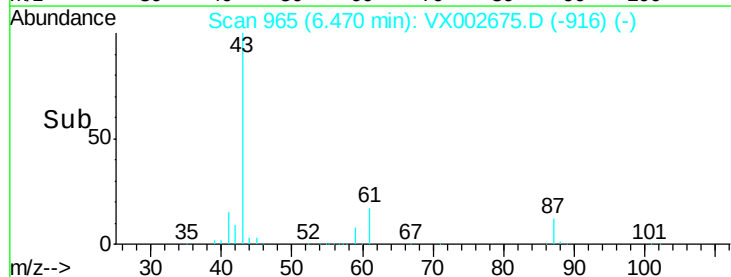
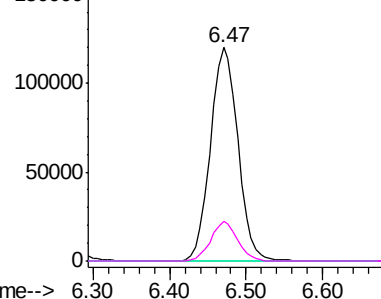


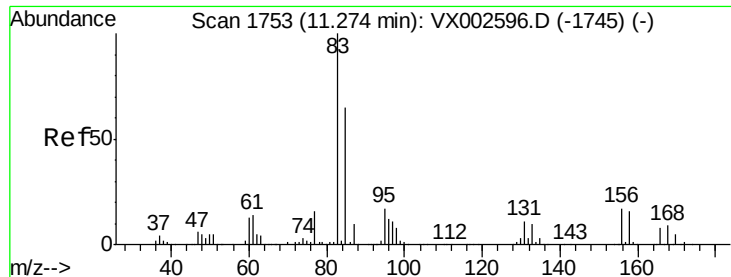
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 49.801 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX002675.D

Acq: 17 Jun 2018 03:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

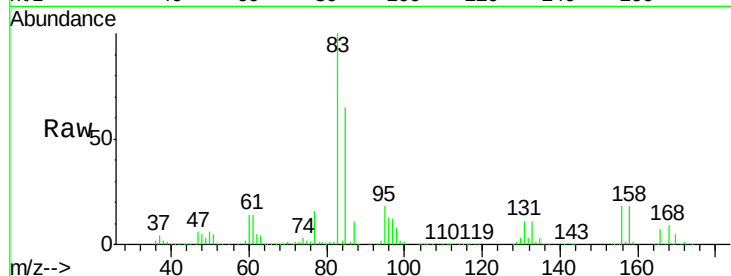
Tot Ion: 83 Resp: 192902

Ion Ratio Lower Upper

83 100

131 11.4 5.6 16.8

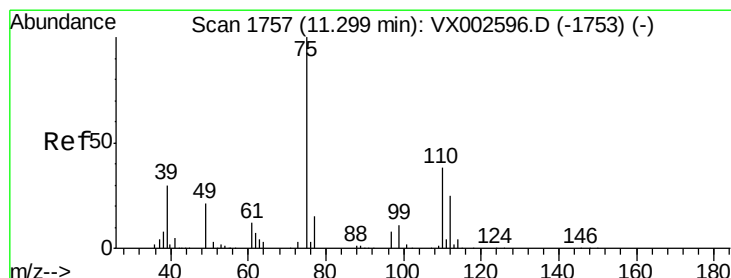
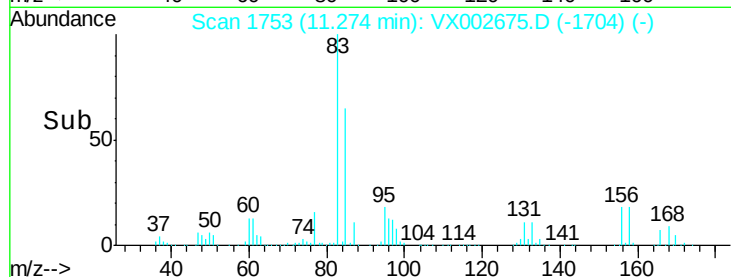
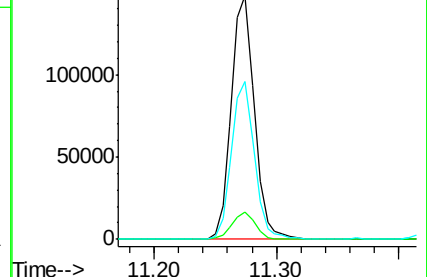
85 64.3 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 58.775 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX002675.D

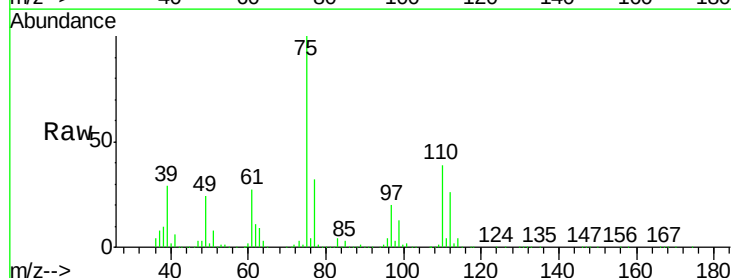
Acq: 17 Jun 2018 03:49

Tgt Ion: 75 Resp: 217510

Ion Ratio Lower Upper

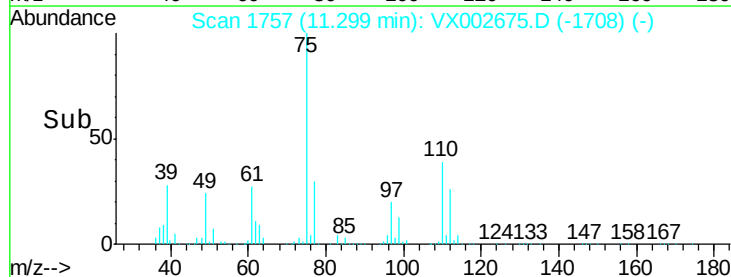
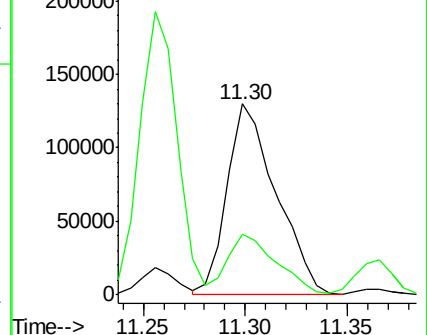
75 100

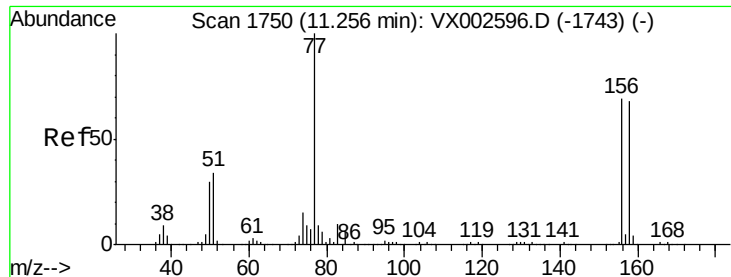
77 32.0 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.385 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.01 min

Lab File: VX002675.D

Acq: 17 Jun 2018 03:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

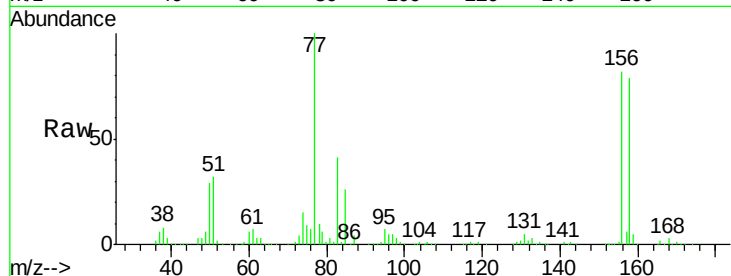
Tot Ion:156 Resp: 180463

Ion Ratio Lower Upper

156 100

77 135.7 71.4 214.2

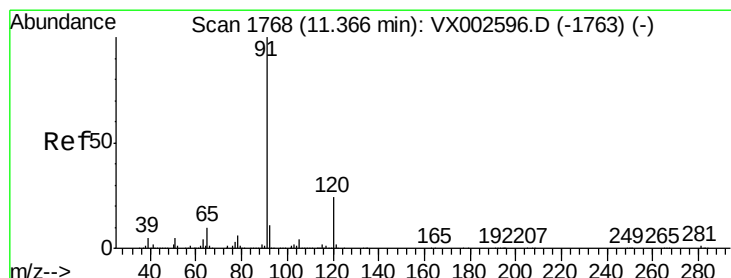
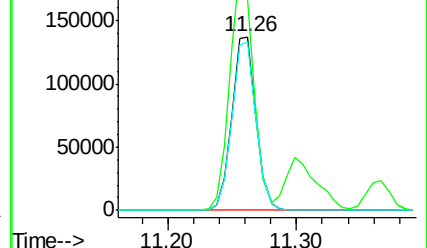
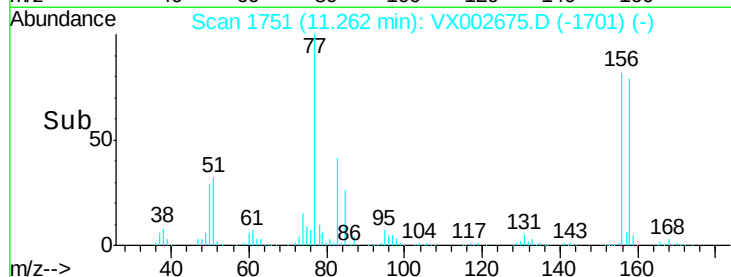
158 97.1 48.9 146.6



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: 48.070 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX002675.D

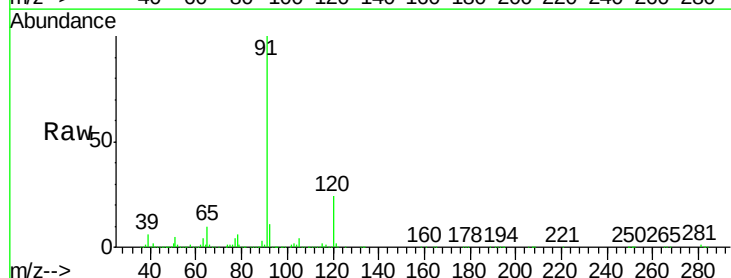
Acq: 17 Jun 2018 03:49

Tgt Ion: 91 Resp: 723101

Ion Ratio Lower Upper

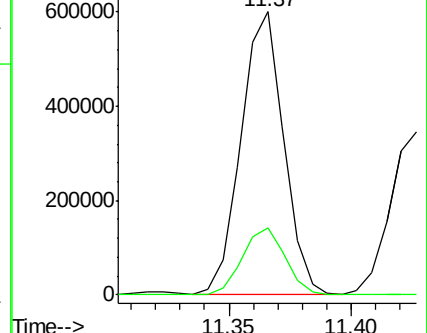
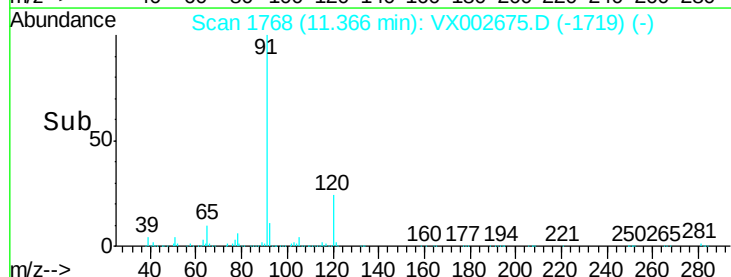
91 100

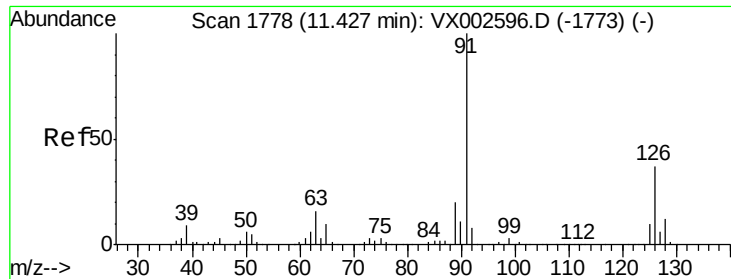
120 24.0 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

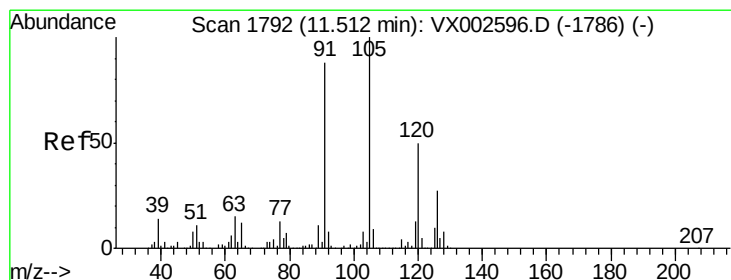
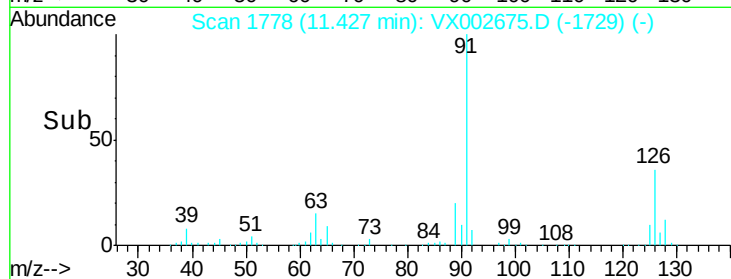
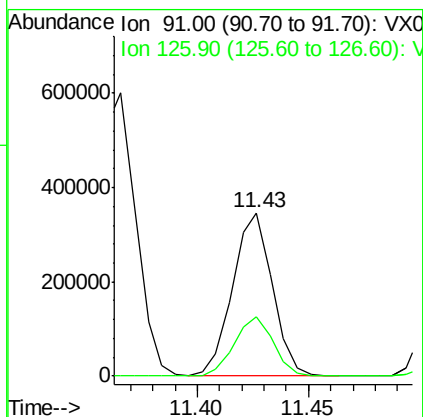
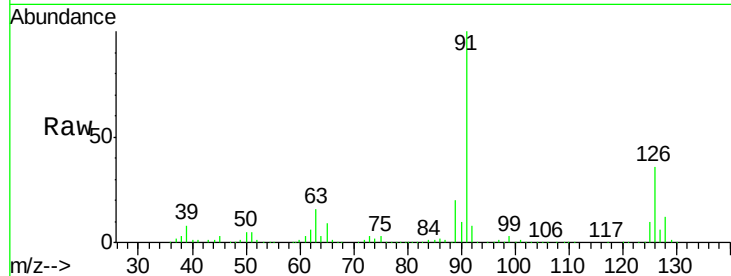




#79
 2-Chlorotoluene
 Concen: 47.676 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX002675.D
 Acq: 17 Jun 2018 03:49

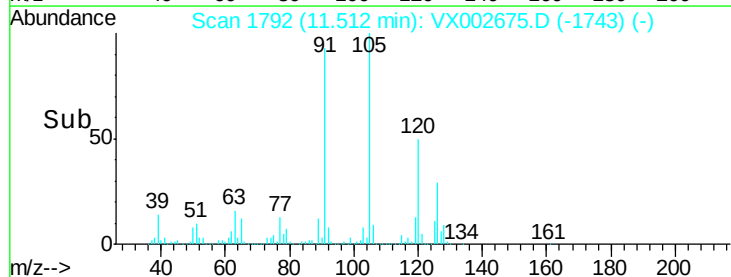
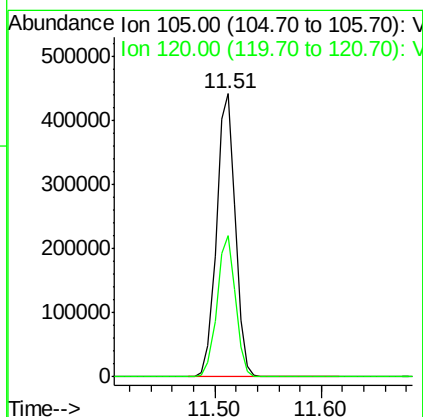
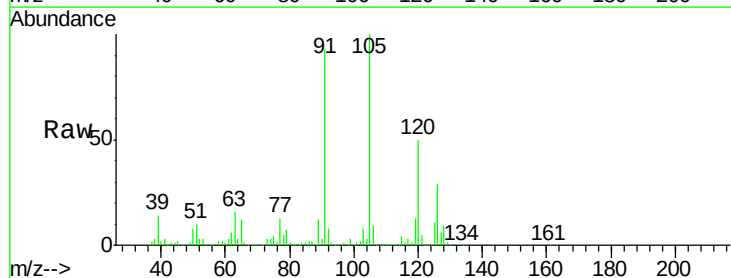
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

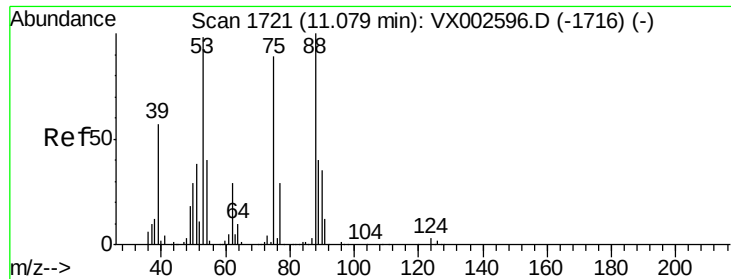
Tot Ion: 91 Resp: 428191
 Ion Ratio Lower Upper
 91 100
 126 36.1 17.7 53.1



#80
 1,3,5-Trimethylbenzene
 Concen: 48.358 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX002675.D
 Acq: 17 Jun 2018 03:49

Tgt Ion: 105 Resp: 536044
 Ion Ratio Lower Upper
 105 100
 120 49.1 24.4 73.4

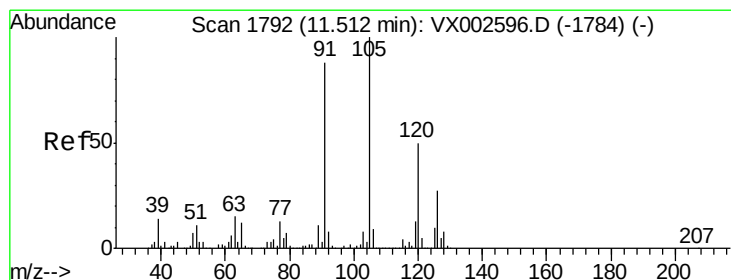
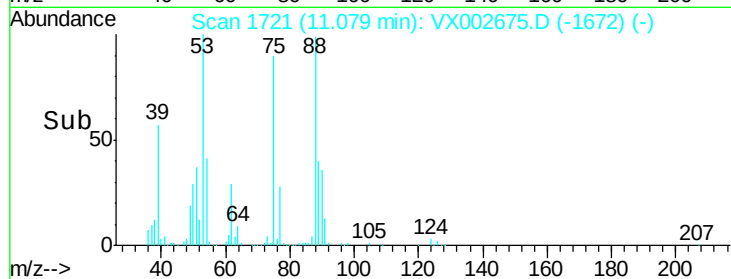
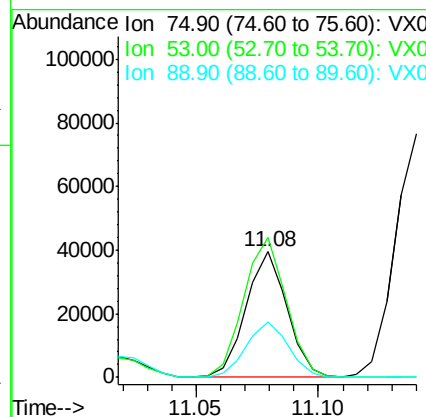
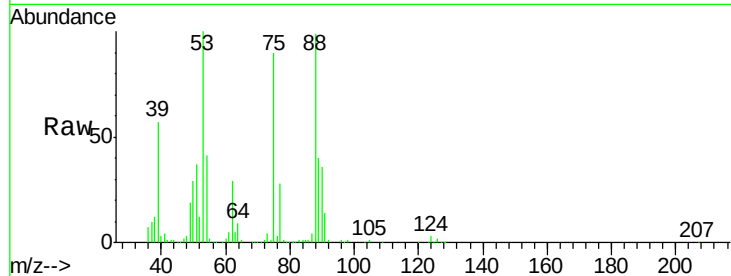




#81
trans-1,4-Dichloro-2-butene
Concen: 40.585 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX002675.D
Acq: 17 Jun 2018 03:49

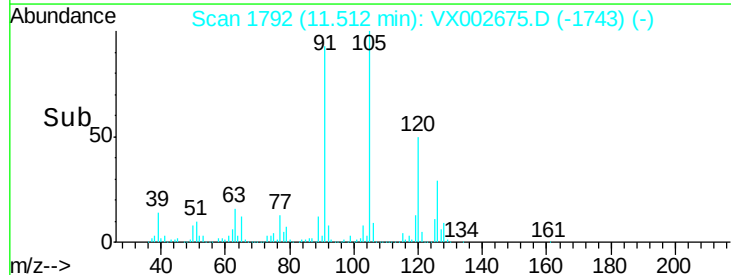
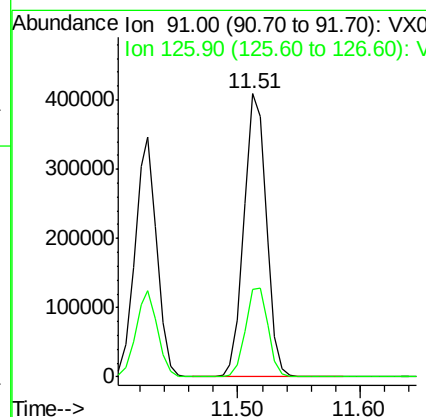
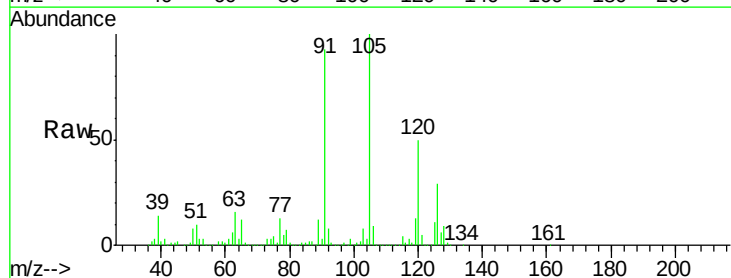
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

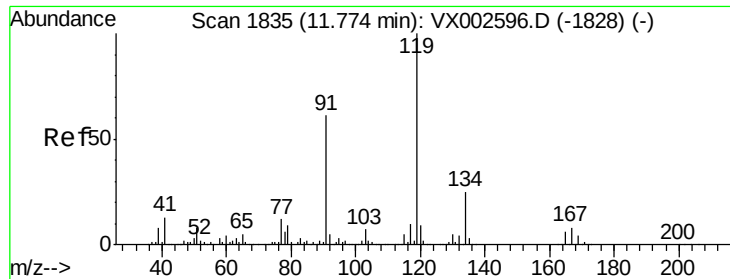
Tot Ion: 75 Resp: 45944
Ion Ratio Lower Upper
75 100
53 116.3 86.8 130.2
89 45.5 38.2 57.2



#82
4-Chlorotoluene
Concen: 48.563 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX002675.D
Acq: 17 Jun 2018 03:49

Tgt Ion: 91 Resp: 514647
Ion Ratio Lower Upper
91 100
126 31.7 15.4 46.4

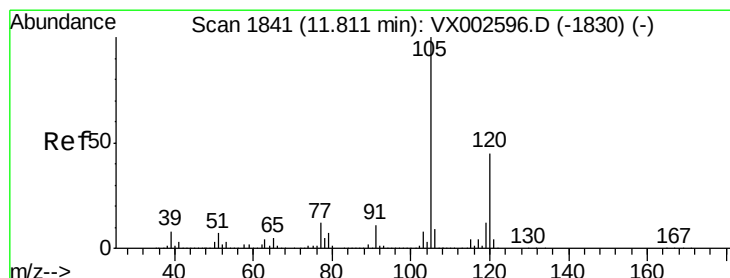
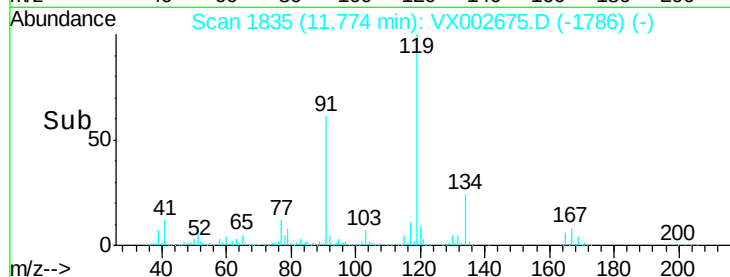
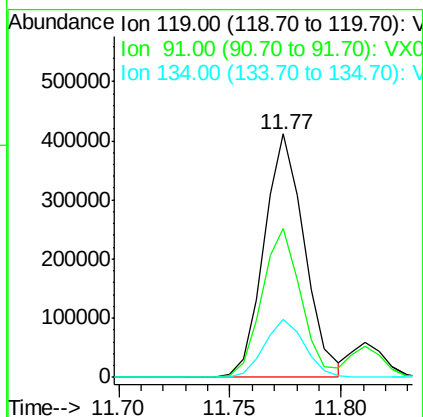
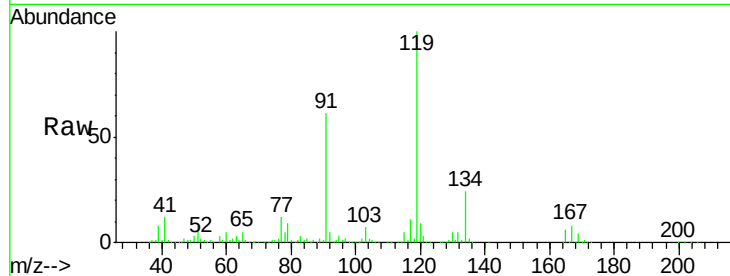




#83
 tert-Butylbenzene
 Concen: 48.605 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX002675.D
 Acq: 17 Jun 2018 03:49

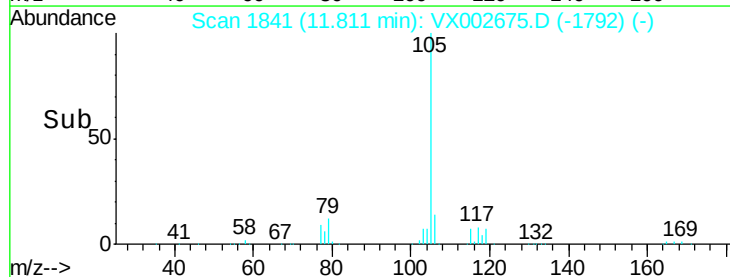
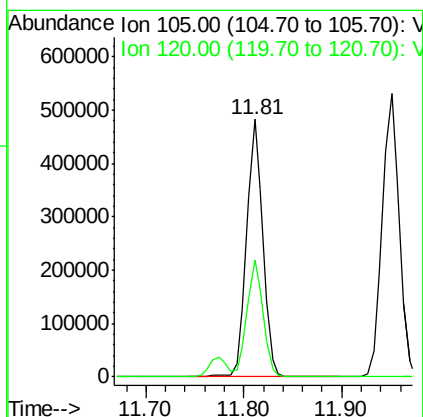
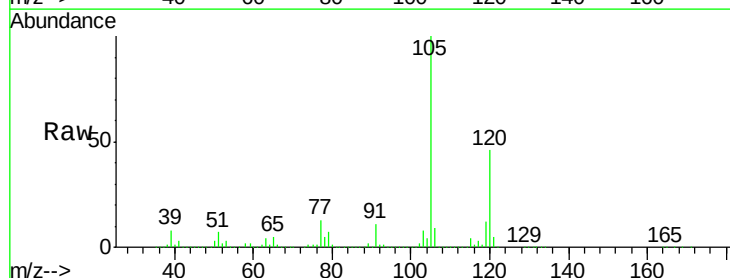
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

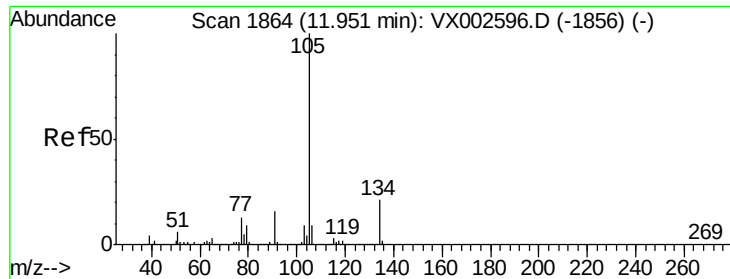
Tot Ion:119 Resp: 519032
 Ion Ratio Lower Upper
 119 100
 91 59.6 30.3 90.9
 134 23.6 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 49.169 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX002675.D
 Acq: 17 Jun 2018 03:49

Tgt Ion:105 Resp: 556150
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.3 66.8





#85

sec-Butylbenzene

Concen: 48.191 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX002675.D

Acq: 17 Jun 2018 03:49

Instrument :

MSVOA_X

ClientSampleId :

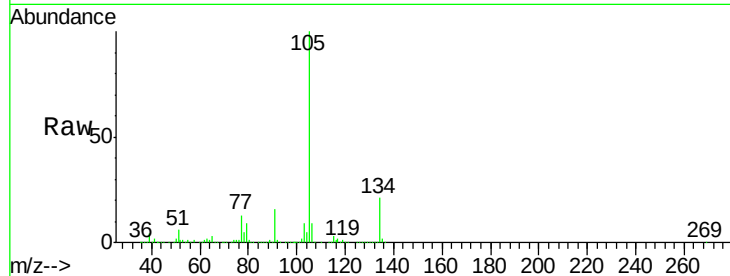
VSTDCCC050EC

Tot Ion:105 Resp: 639892

Ion Ratio Lower Upper

105 100

134 20.9 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.95

600000

500000

400000

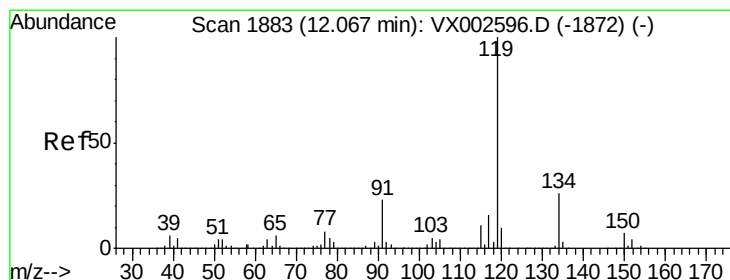
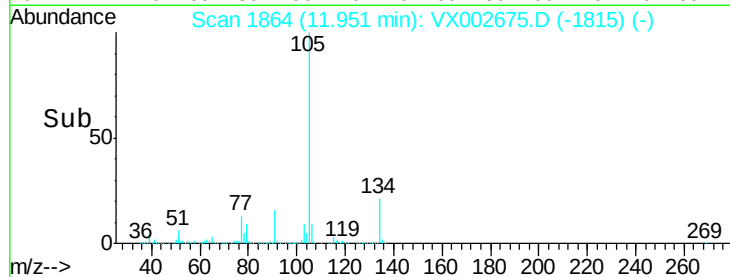
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 48.507 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX002675.D

Acq: 17 Jun 2018 03:49

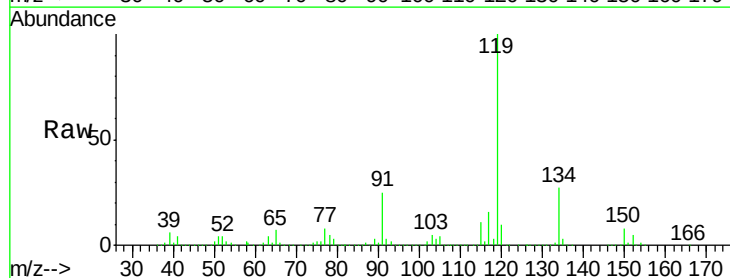
Tgt Ion:119 Resp: 582774

Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.1

91 23.7 11.9 35.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.07

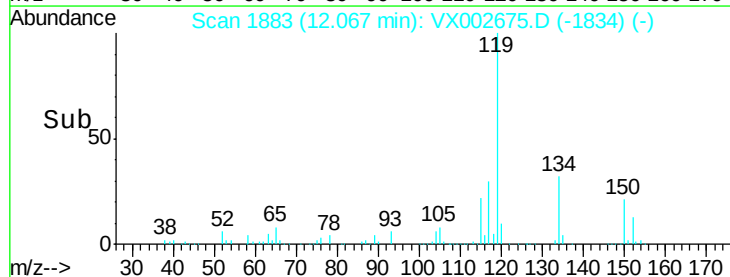
600000

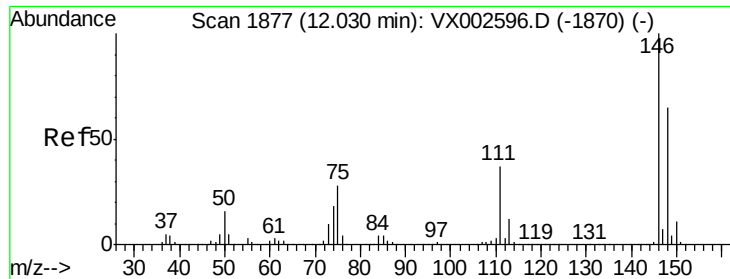
400000

200000

0

Time-->

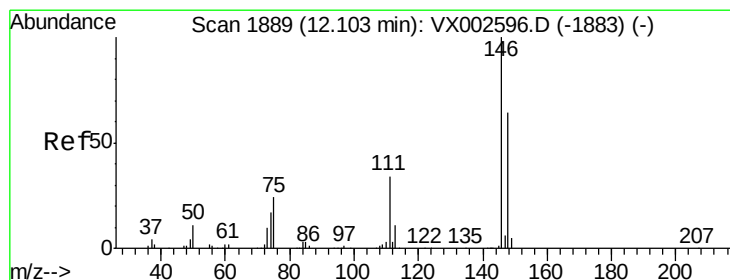
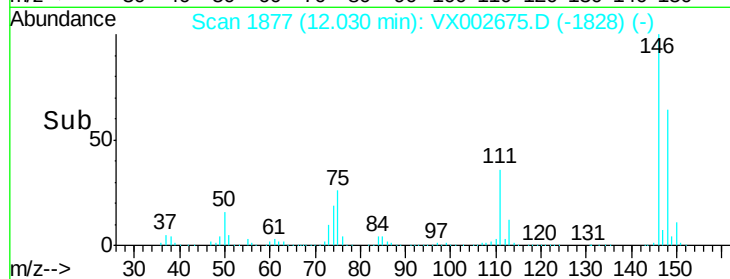
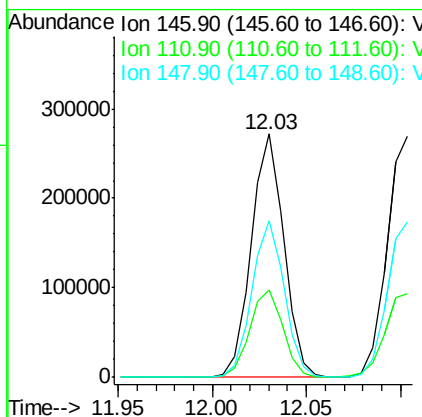
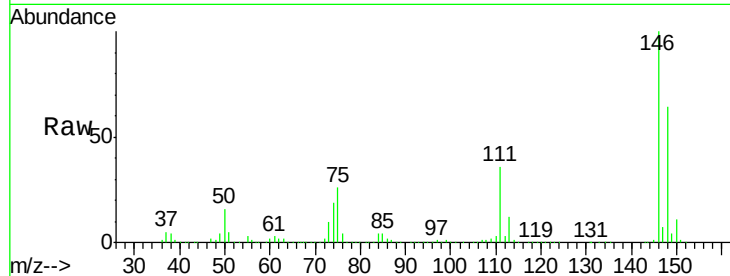




#87
 1,3-Dichlorobenzene
 Concen: 48.672 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX002675.D
 Acq: 17 Jun 2018 03:49

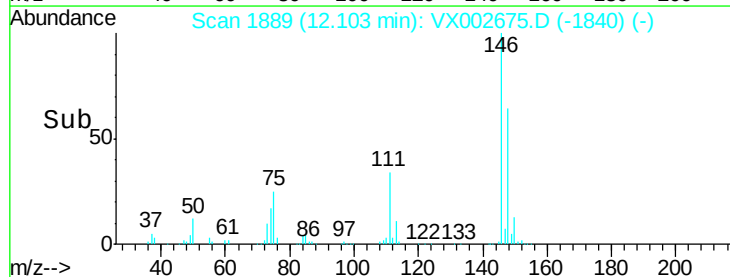
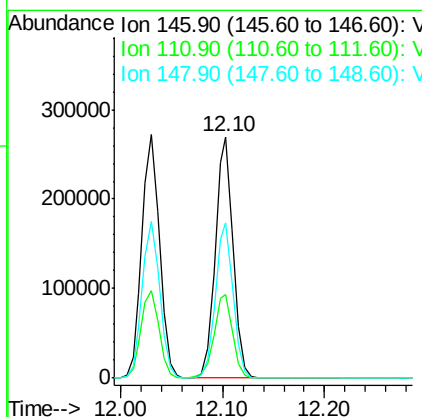
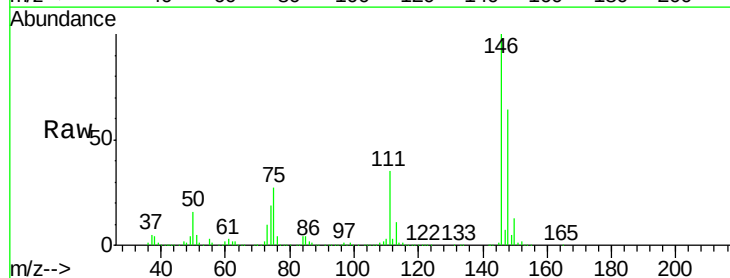
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

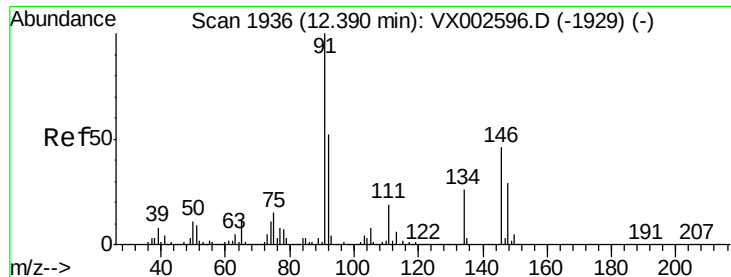
Tot Ion:146 Resp: 326170
 Ion Ratio Lower Upper
 146 100
 111 36.8 18.9 56.7
 148 63.8 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 48.540 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX002675.D
 Acq: 17 Jun 2018 03:49

Tgt Ion:146 Resp: 330973
 Ion Ratio Lower Upper
 146 100
 111 36.0 18.7 56.1
 148 64.5 32.4 97.0





#89

n-Butylbenzene

Concen: 48.000 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX002675.D

Acq: 17 Jun 2018 03:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

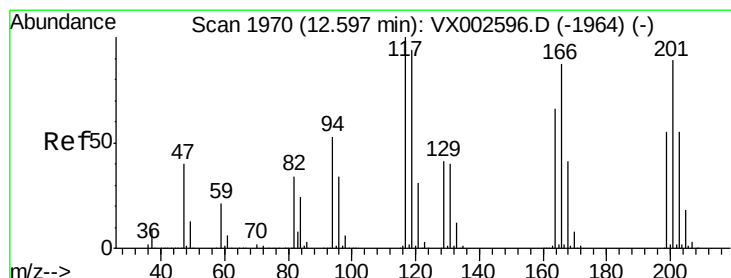
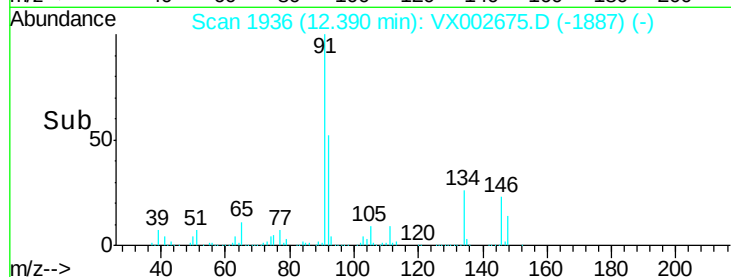
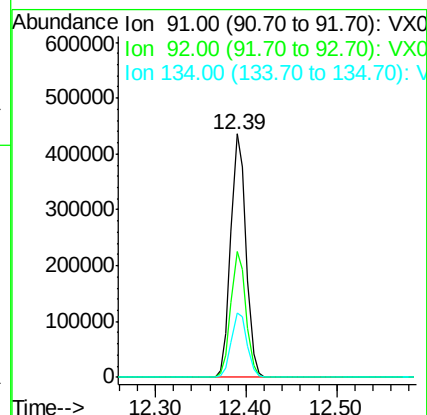
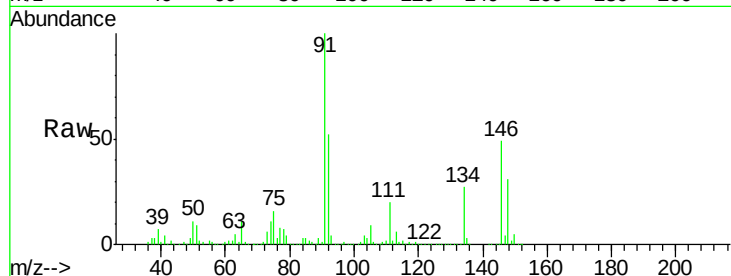
Tot Ion: 91 Resp: 508735

Ion Ratio Lower Upper

91 100

92 51.4 26.0 78.0

134 27.3 13.5 40.5



#90

Hexachloroethane

Concen: 44.501 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.01 min

Lab File: VX002675.D

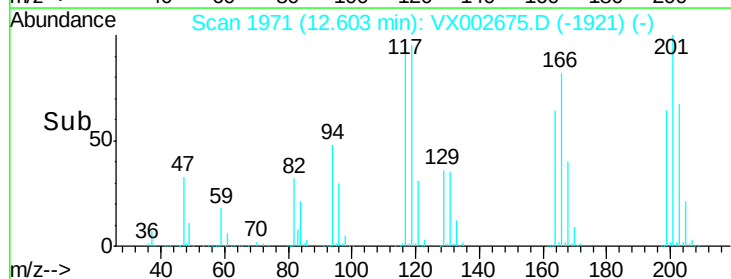
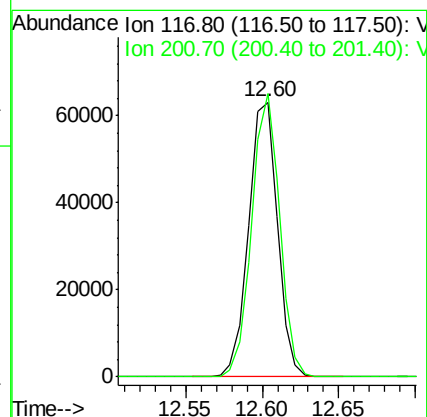
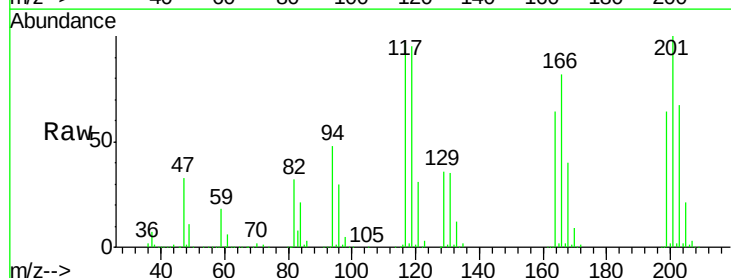
Acq: 17 Jun 2018 03:49

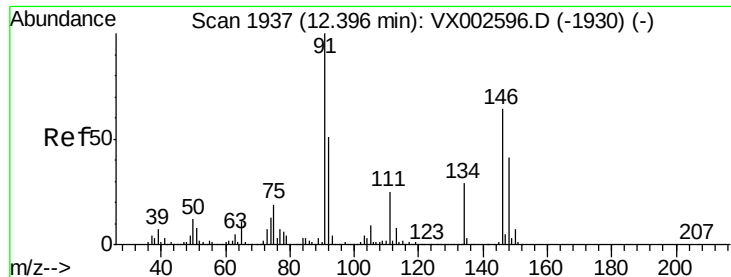
Tgt Ion: 117 Resp: 82770

Ion Ratio Lower Upper

117 100

201 99.1 49.0 147.0

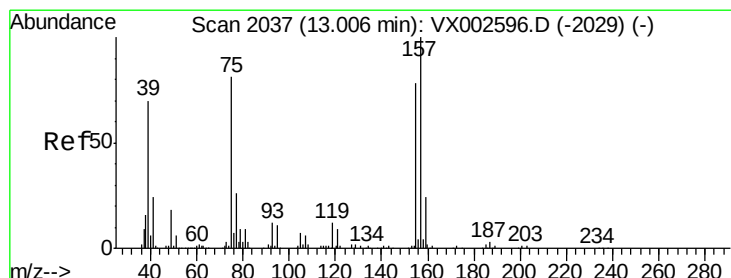
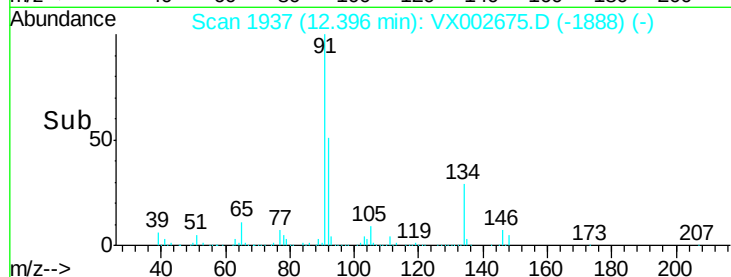
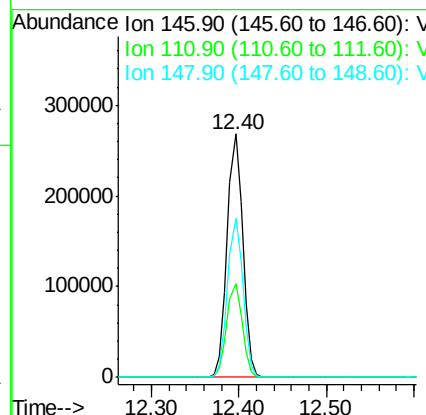
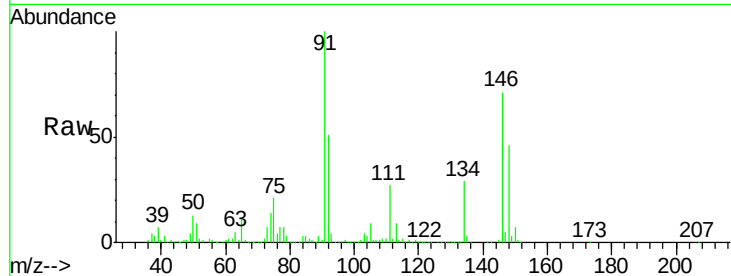




#91
 1,2-Dichlorobenzene
 Concen: 49.044 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX002675.D
 Acq: 17 Jun 2018 03:49

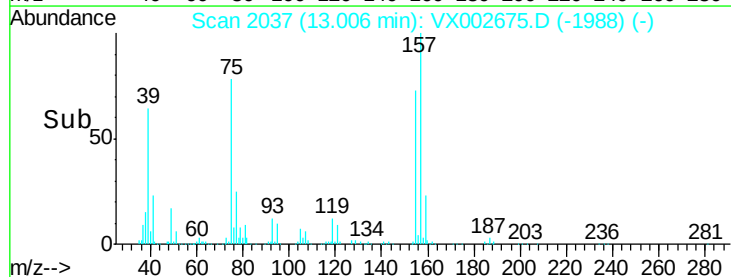
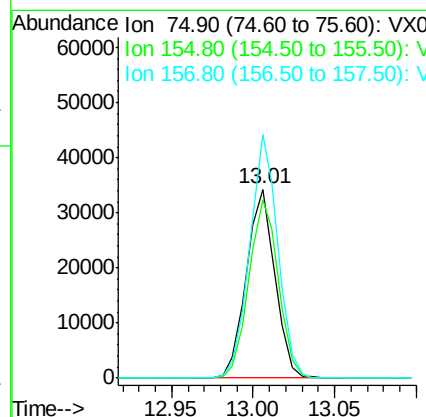
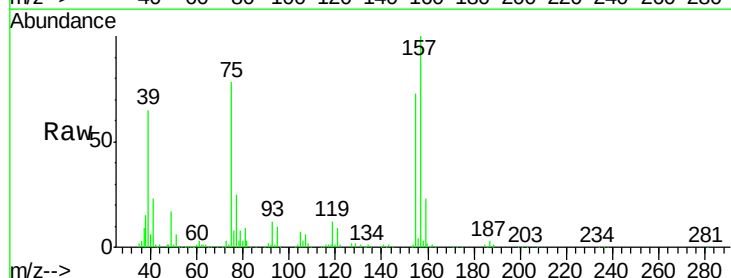
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

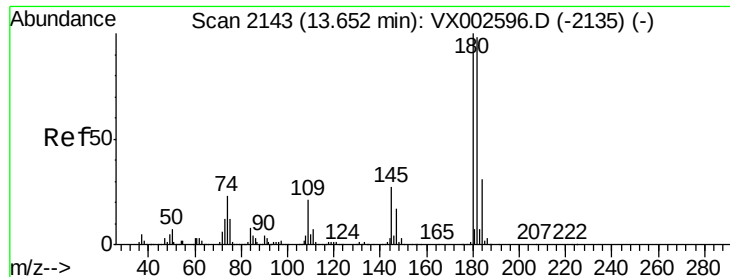
Tot Ion:146 Resp: 330788
 Ion Ratio Lower Upper
 146 100
 111 38.5 19.4 58.1
 148 64.8 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.653 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX002675.D
 Acq: 17 Jun 2018 03:49

Tgt Ion: 75 Resp: 41908
 Ion Ratio Lower Upper
 75 100
 155 97.2 45.8 137.4
 157 126.7 60.1 180.3





#93

1,2,4-Trichlorobenzene

Concen: 50.122 ug/l

RT: 13.65 min Scan# 2143

Delta R.T. 0.00 min

Lab File: VX002675.D

Acq: 17 Jun 2018 03:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

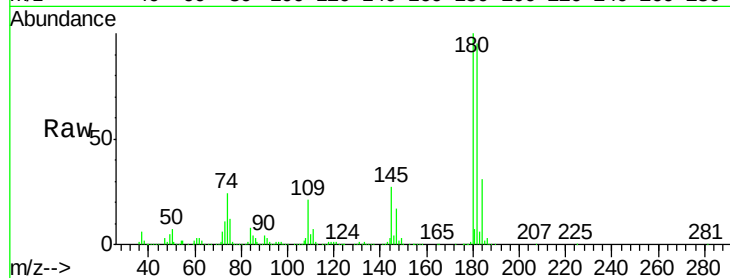
Tot Ion:180 Resp: 245355

Ion Ratio Lower Upper

180 100

182 94.9 47.7 143.1

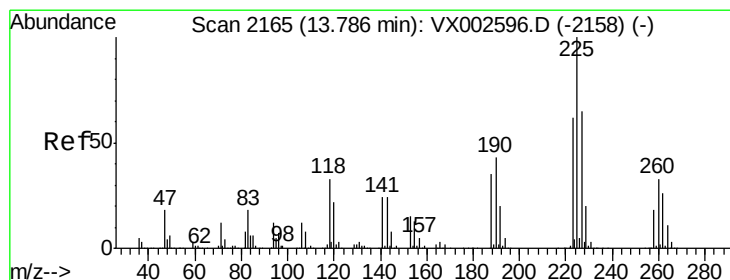
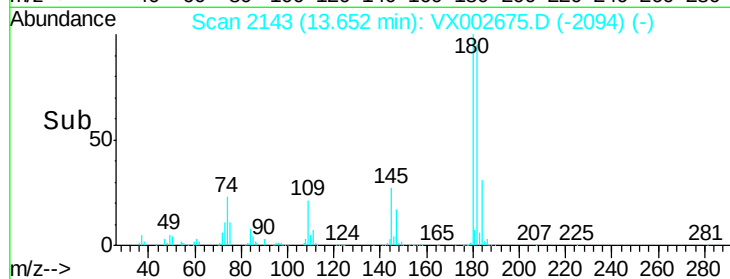
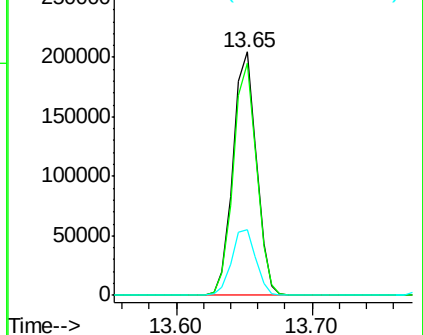
145 27.8 14.1 42.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 45.370 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. 0.00 min

Lab File: VX002675.D

Acq: 17 Jun 2018 03:49

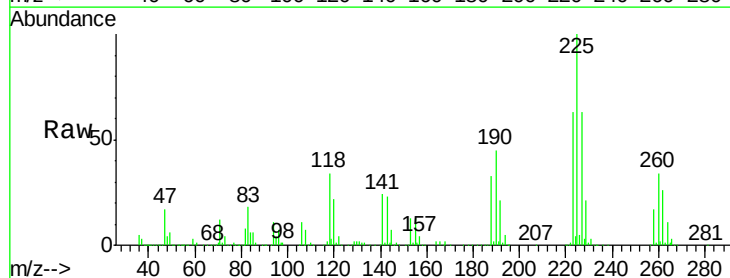
Tgt Ion:225 Resp: 116991

Ion Ratio Lower Upper

225 100

223 63.1 31.6 95.0

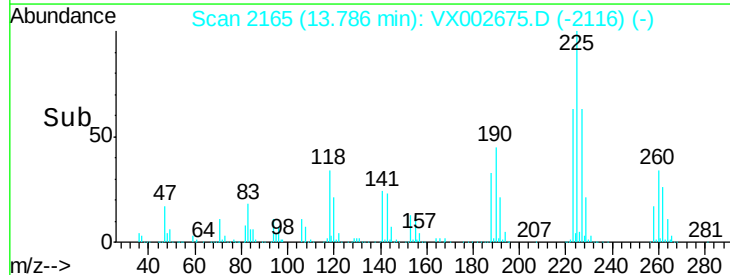
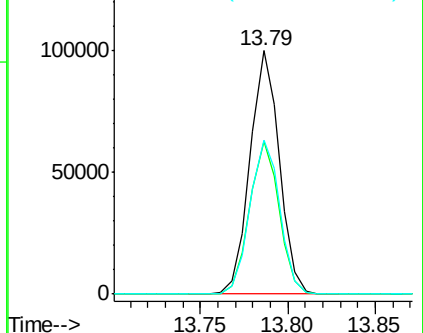
227 64.4 32.4 97.2

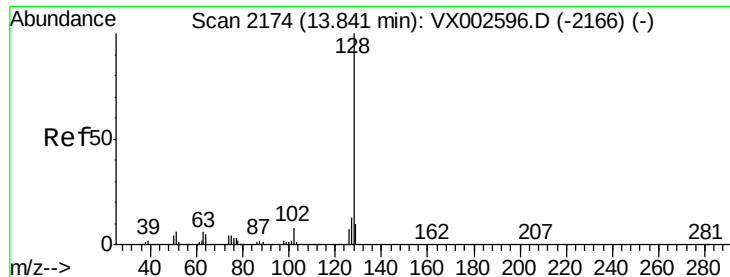


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

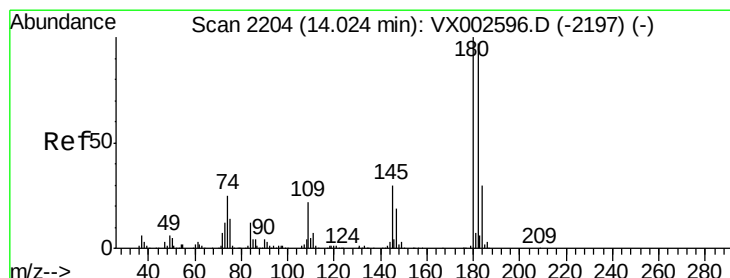
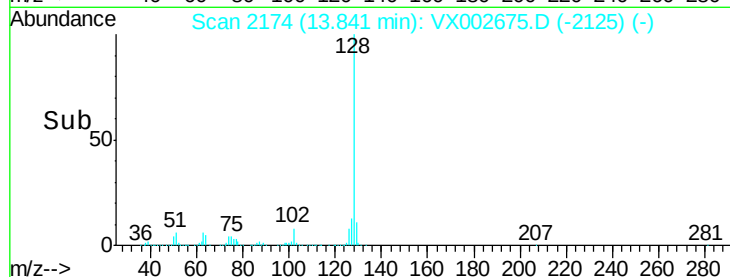
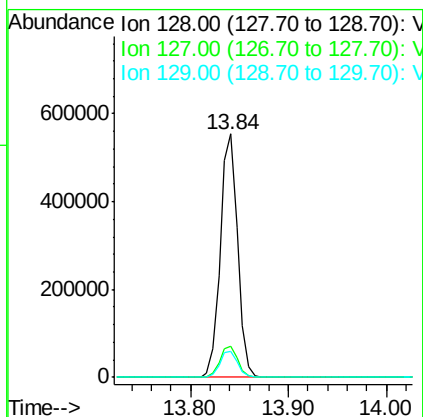
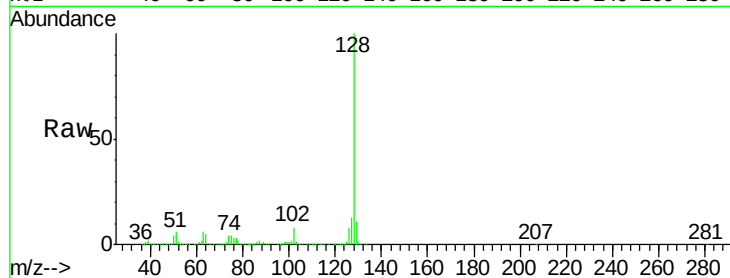




#95
Naphthalene
Concen: 51.441 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX002675.D
Acq: 17 Jun 2018 03:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 677598
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 49.593 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX002675.D
Acq: 17 Jun 2018 03:49

Tgt Ion:180 Resp: 243821
Ion Ratio Lower Upper
180 100
182 96.7 48.0 144.0
145 29.6 14.8 44.3

