

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080718\
 Data File : VX003893.D
 Acq On : 07 Aug 2018 20:59
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 08 01:26:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 07:45:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	343718	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	513344	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	480546	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	273365	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	235354	51.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.30%	
35) Dibromofluoromethane	5.51	113	196081	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	
50) Toluene-d8	8.72	98	762528	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	
62) 4-Bromofluorobenzene	11.14	95	284550	58.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.30%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.20	85	171495	49.23	ug/l	99
3) Chloromethane	1.32	50	217770	45.95	ug/l	100
4) Vinyl Chloride	1.40	62	227376	48.11	ug/l	98
5) Bromomethane	1.64	94	128718	52.27	ug/l	99
6) Chloroethane	1.71	64	169994	56.22	ug/l	97
7) Trichlorofluoromethane	1.92	101	297561	47.69	ug/l	100
8) Diethyl Ether	2.19	74	136972	48.83	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	182821	46.87	ug/l	100
10) Methyl Iodide	2.51	142	229532	47.31	ug/l	99
11) Tert butyl alcohol	3.08	59	276129	252.20	ug/l	99
12) 1,1-Dichloroethene	2.37	96	176579	47.86	ug/l	99
13) Acrolein	2.29	56	120528	213.17	ug/l	100
14) Allyl chloride	2.73	41	340188	47.84	ug/l	99
15) Acrylonitrile	3.15	53	635919	243.41	ug/l	100
16) Acetone	2.45	43	646531	238.52	ug/l	100
17) Carbon Disulfide	2.56	76	482852	46.22	ug/l	100
18) Methyl Acetate	2.78	43	294139	49.84	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	647552	49.53	ug/l	100
20) Methylene Chloride	2.85	84	210574	49.27	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	195879	46.77	ug/l	99
22) Diisopropyl ether	3.87	45	634196	48.51	ug/l	99
23) Vinyl Acetate	3.82	43	2649034	243.55	ug/l	100
24) 1,1-Dichloroethane	3.70	63	378626	48.76	ug/l	99
25) 2-Butanone	4.71	43	1015477	249.17	ug/l	99
26) 2,2-Dichloropropane	4.58	77	205129	36.63	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	223084	49.09	ug/l	95
28) Bromochloromethane	5.02	49	167646	50.45	ug/l	100
29) Tetrahydrofuran	5.17	42	525570	250.90	ug/l	100
30) Chloroform	5.21	83	361121	49.40	ug/l	98
31) Cyclohexane	5.57	56	325495	49.57	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	304833	49.73	ug/l	99
36) 1,1-Dichloropropene	5.80	75	274245	47.70	ug/l	100
37) Ethyl Acetate	4.87	43	308395	48.76	ug/l	100
38) Carbon Tetrachloride	5.78	117	264883	48.40	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	327579	48.32	ug/l	98
40) Benzene	6.15	78	837110	48.49	ug/l	99
41) Methacrylonitrile	5.07	41	173014	49.67	ug/l	99
42) 1,2-Dichloroethane	6.20	62	285363	48.88	ug/l	100
43) Isopropyl Acetate	6.47	43	475584	49.97	ug/l	100
44) Trichloroethene	7.21	130	222404	47.10	ug/l	96
45) 1,2-Dichloropropane	7.52	63	214983	48.22	ug/l	99
46) Dibromomethane	7.66	93	138417	47.82	ug/l	100
47) Bromodichloromethane	7.90	83	265670	48.72	ug/l	99
48) Methyl methacrylate	7.78	41	247138	51.08	ug/l	99
49) 1,4-Dioxane	7.76	88	120129	1054.05	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	2011333	254.96	ug/l	100
52) Toluene	8.79	92	536005	49.14	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	296519	48.11	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	320826	48.28	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	214968	48.22	ug/l	99
56) Ethyl methacrylate	9.18	69	334349	51.70	ug/l	100
57) 1,3-Dichloropropane	9.37	76	365314	48.97	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	836594	263.05	ug/l	99
59) 2-Hexanone	9.50	43	1548082	262.52	ug/l	100
60) Dibromochloromethane	9.59	129	214328	51.57	ug/l	100
61) 1,2-Dibromoethane	9.68	107	224346	50.27	ug/l	99
64) Tetrachloroethene	9.34	164	217791	46.07	ug/l	94
65) Chlorobenzene	10.14	112	599209	47.92	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	213585	49.69	ug/l	99
67) Ethyl Benzene	10.26	91	1020135	49.84	ug/l	98
68) m/p-Xylenes	10.36	106	796638	99.61	ug/l	97
69) o-Xylene	10.70	106	388705	51.48	ug/l	97
70) Styrene	10.71	104	655964	53.07	ug/l	98
71) Bromoform	10.86	173	169068	46.60	ug/l	98
73) Isopropylbenzene	11.02	105	1038590	51.36	ug/l	97
74) N-amyl acetate	6.47	43	475584	45.22	ug/l #	100
75) 1,1,1,2-Tetrachloroethane	11.27	83	341625	49.29	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	381590	63.20	ug/l	85
77) Bromobenzene	11.26	156	271835	50.39	ug/l	99
78) n-propylbenzene	11.36	91	1182712	52.08	ug/l	100
79) 2-Chlorotoluene	11.42	91	691748	49.96	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	858470	52.06	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	94210	42.78	ug/l	97
82) 4-Chlorotoluene	11.51	91	806492	49.72	ug/l	100
83) tert-Butylbenzene	11.77	119	853929	52.64	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	879283	53.03	ug/l	98
85) sec-Butylbenzene	11.95	105	986314	51.52	ug/l	98
86) p-Isopropyltoluene	12.07	119	838381	48.80	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	447713	44.89	ug/l	95
88) 1,4-Dichlorobenzene	12.10	146	454014	47.47	ug/l	98
89) n-Butylbenzene	12.39	91	699540	46.73	ug/l	99
90) Hexachloroethane	12.60	117	124394	44.60	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	453140	45.84	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	64369	45.34	ug/l	96

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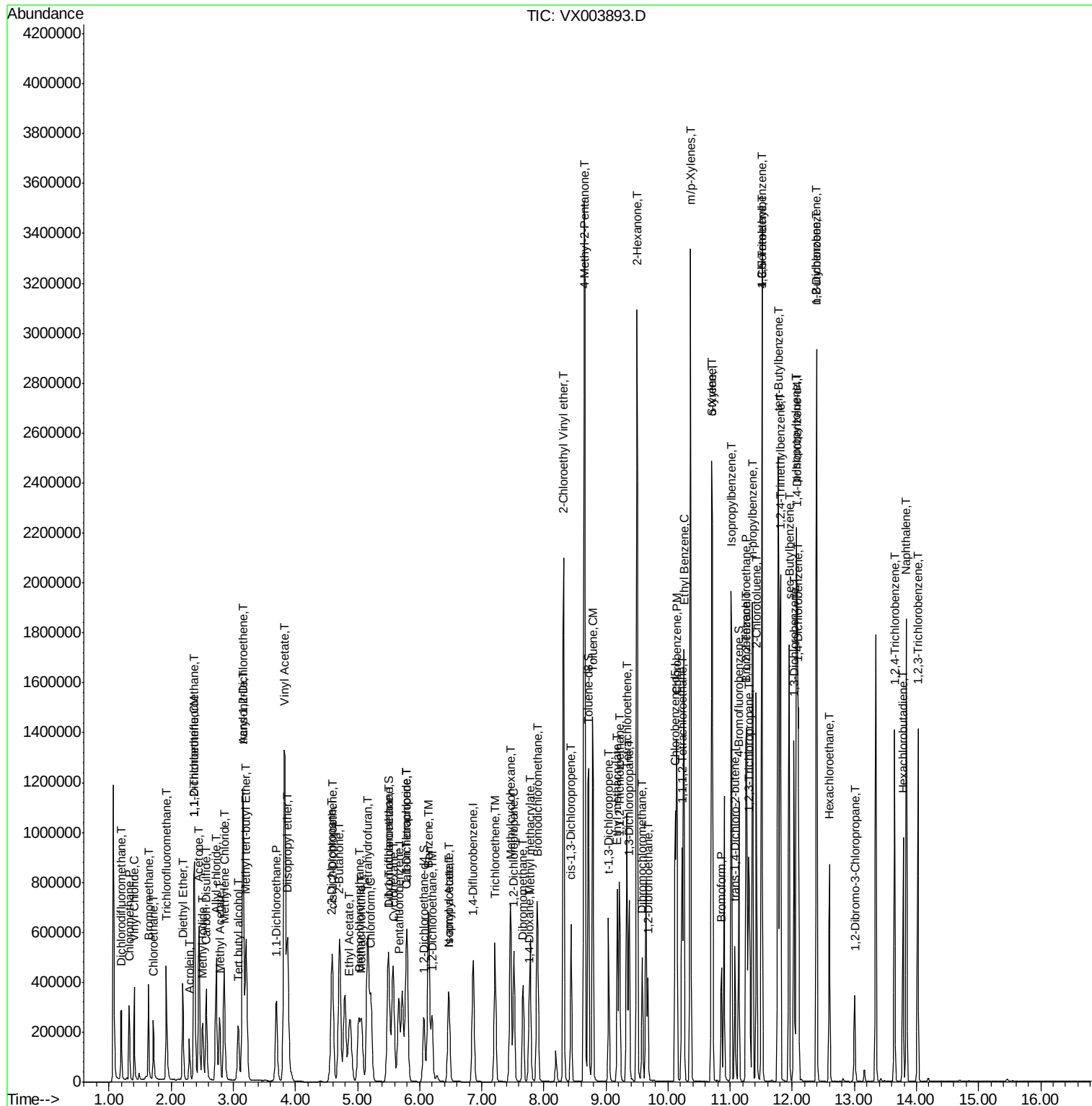
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

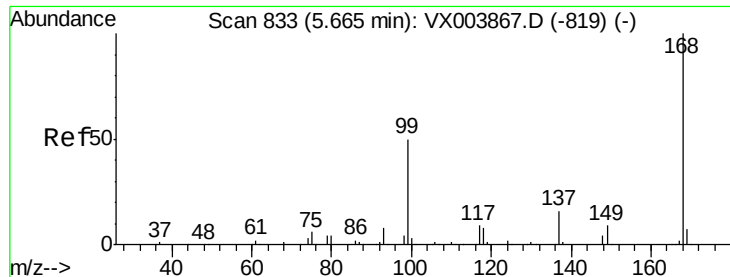
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	363884	51.18	ug/l	98
94) Hexachlorobutadiene	13.79	225	160566	51.18	ug/l	99
95) Naphthalene	13.83	128	1148123	56.39	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	373749	52.68	ug/l	99

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX003893.D

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Instrument :

MSVOA_X

ClientSampleId :

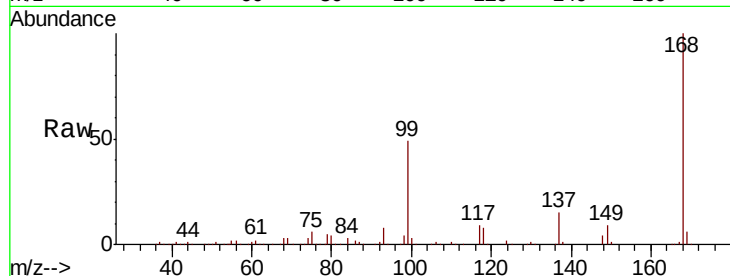
VSTDCCC050EC

Tot Ion:168 Resp: 343718

Ion Ratio Lower Upper

168 100

99 49.2 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

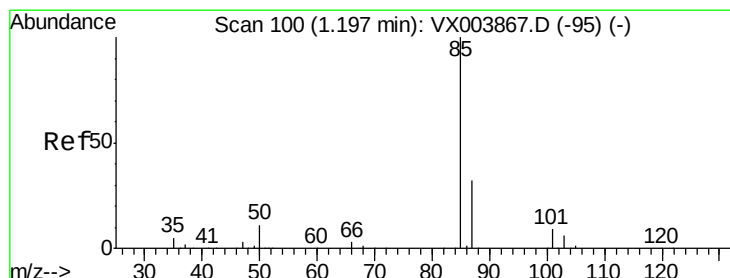
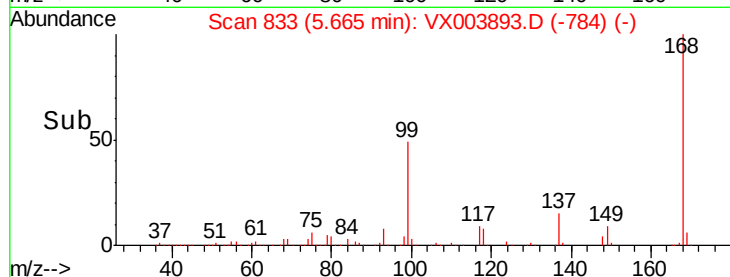
5.67

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 49.23 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX003893.D

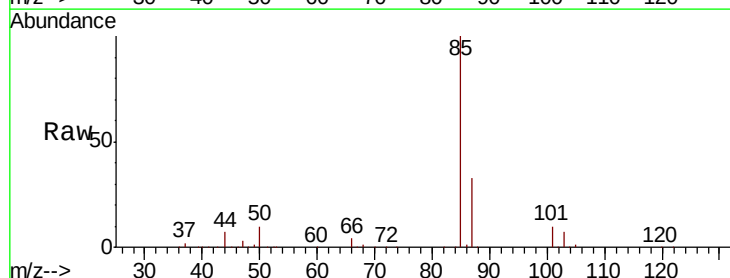
Acq: 07 Aug 2018 20:59

Tgt Ion: 85 Resp: 171495

Ion Ratio Lower Upper

85 100

87 32.8 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

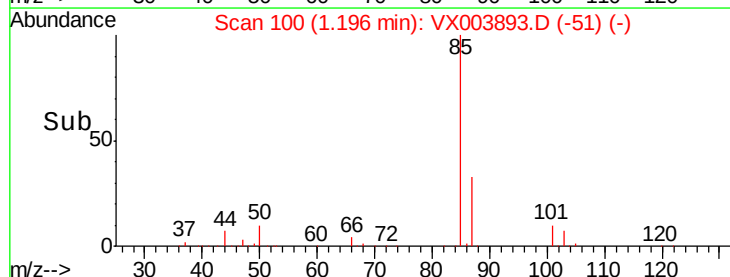
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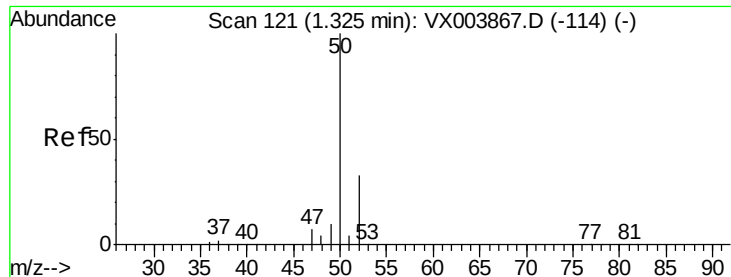
100000

50000

0

Time-->





#3

Chloromethane

Concen: 45.95 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX003893.D

Acq: 07 Aug 2018 20:59

Instrument :

MSVOA_X

ClientSampleId :

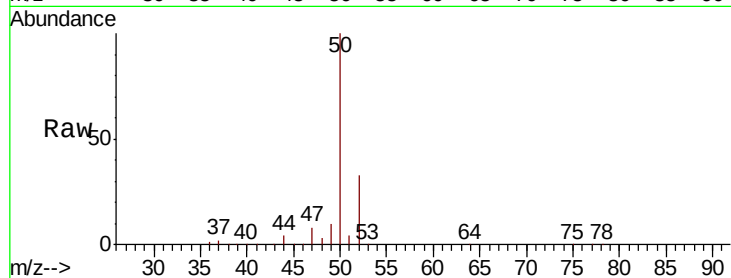
VSTDCCC050EC

Tot Ion: 50 Resp: 217770

Ion Ratio Lower Upper

50 100

52 33.0 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

200000

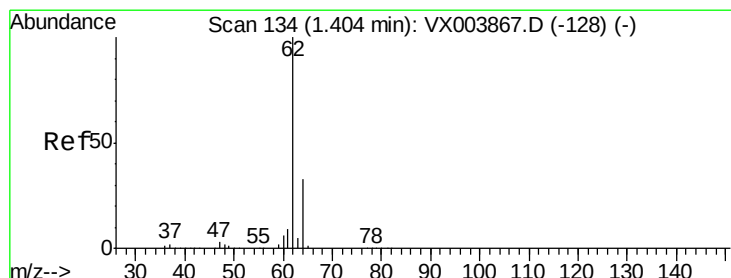
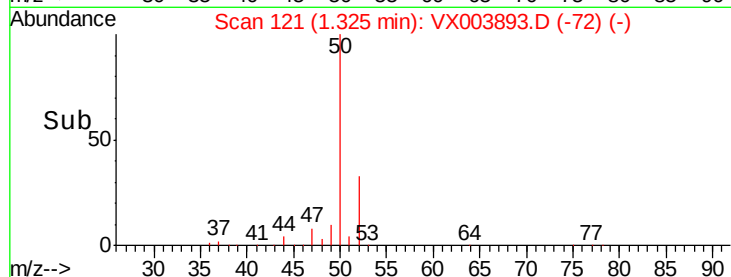
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 48.11 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX003893.D

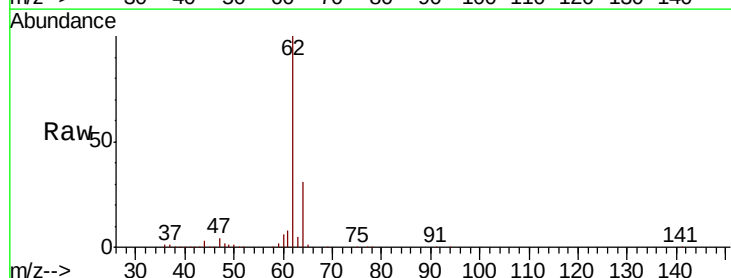
Acq: 07 Aug 2018 20:59

Tgt Ion: 62 Resp: 227376

Ion Ratio Lower Upper

62 100

64 31.3 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

250000

200000

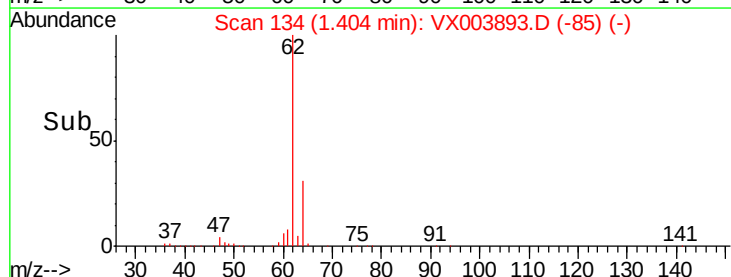
150000

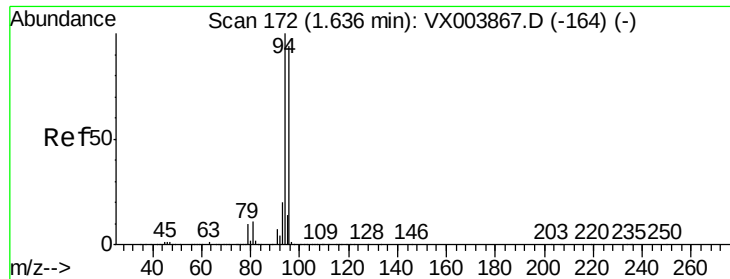
100000

50000

0

Time-->





#5

Bromomethane

Concen: 52.27 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003893.D

Acq: 07 Aug 2018 20:59

Instrument :

MSVOA_X

ClientSampleId :

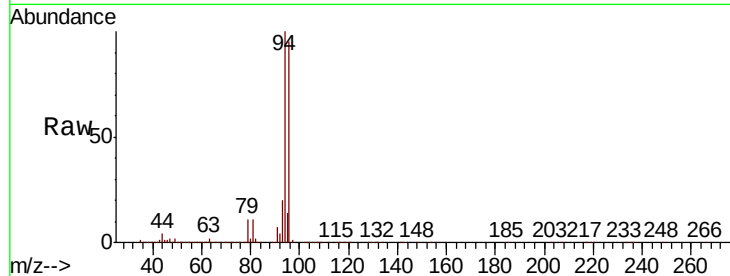
VSTDCCC050EC

Tot Ion: 94 Resp: 128718

Ion Ratio Lower Upper

94 100

96 95.3 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

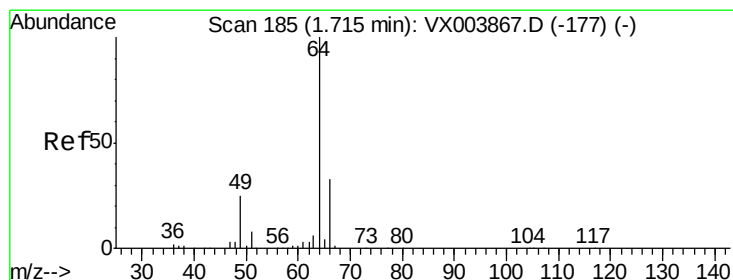
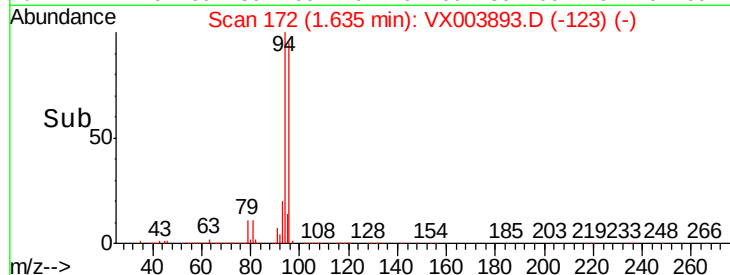
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: 56.22 ug/l

RT: 1.71 min Scan# 185

Delta R.T. -0.00 min

Lab File: VX003893.D

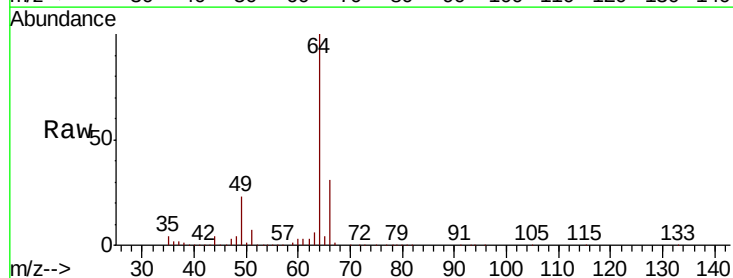
Acq: 07 Aug 2018 20:59

Tgt Ion: 64 Resp: 169994

Ion Ratio Lower Upper

64 100

66 31.1 26.5 39.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

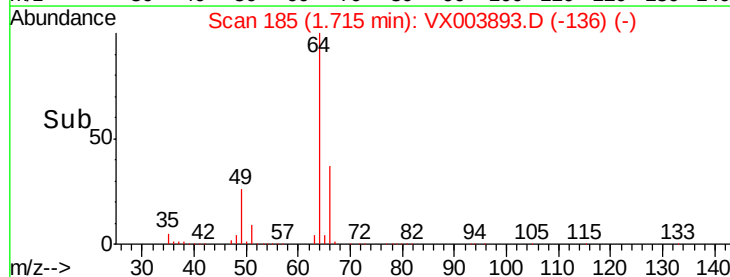
1.71

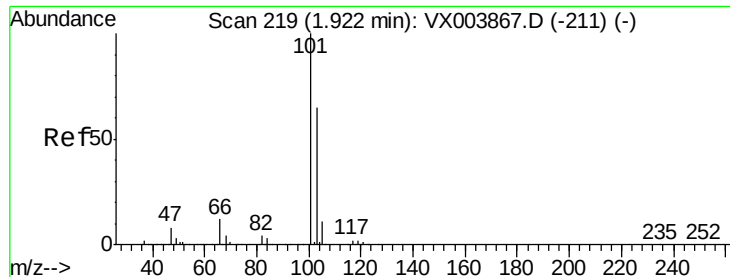
100000

50000

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Time-->



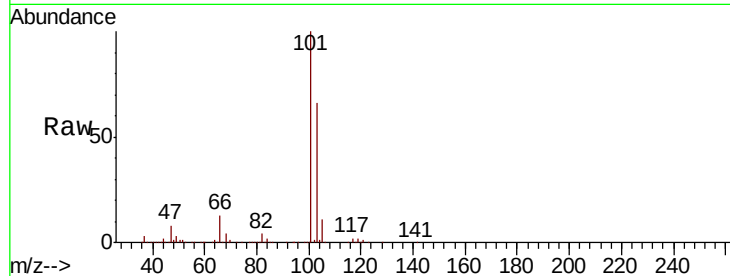


#7

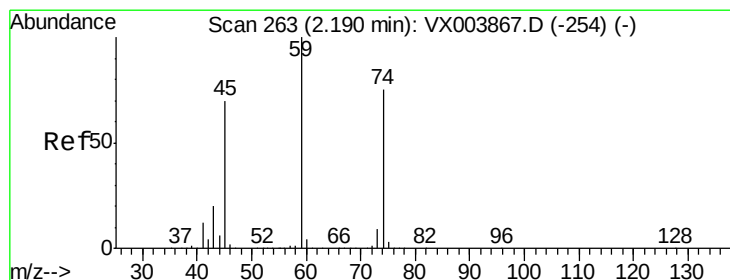
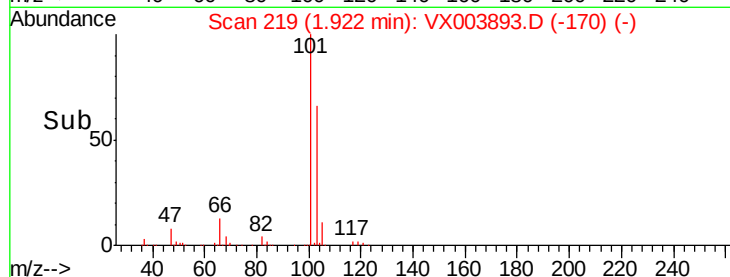
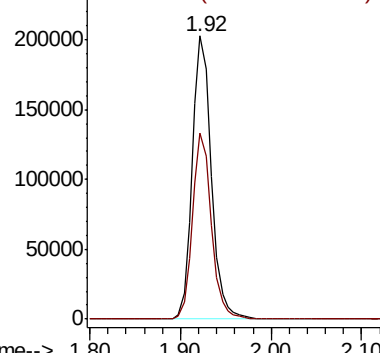
Trichlorofluoromethane
 Concen: 47.69 ug/l
 RT: 1.92 min Scan# 219
 Delta R.T. -0.00 min
 Lab File: VX003893.D
 Acq: 07 Aug 2018 20:59

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 MSVOA_X
 ClientSampleId :
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Tot Ion:101 Resp: 297561
 Ion Ratio Lower Upper
 101 100
 103 65.8 52.3 78.5



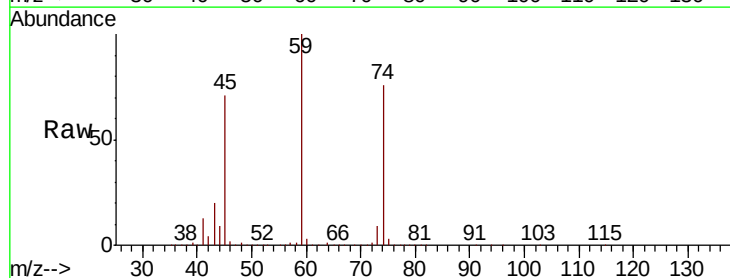
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



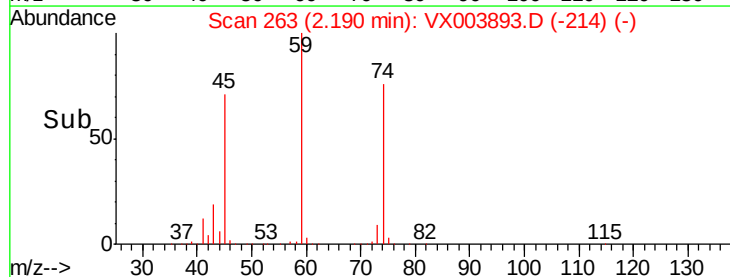
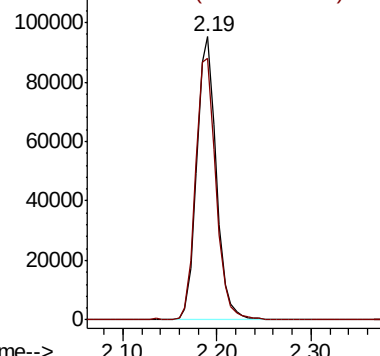
#8

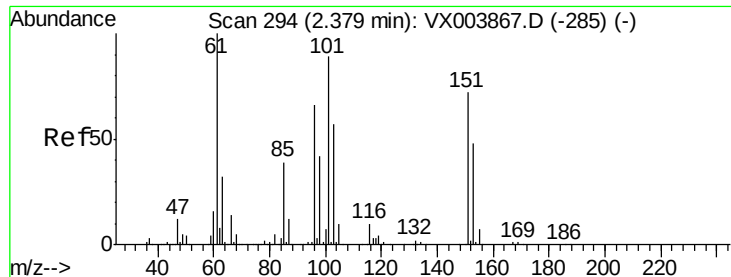
Diethyl Ether
 Concen: 48.83 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX003893.D
 Acq: 07 Aug 2018 20:59

Tgt Ion: 74 Resp: 136972
 Ion Ratio Lower Upper
 74 100
 45 95.5 48.3 144.9



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.87 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.00 min

Lab File: VX003893.D

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Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

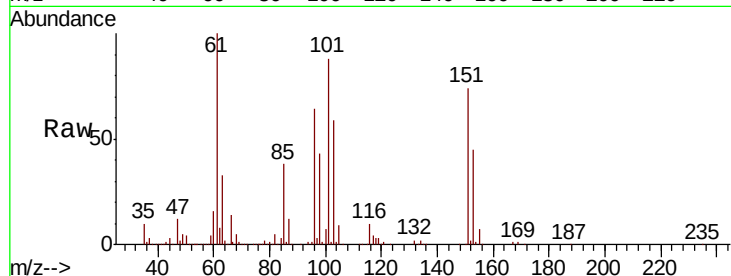
Tot Ion:101 Resp: 182821

Ion Ratio Lower Upper

101 100

85 42.9 34.2 51.4

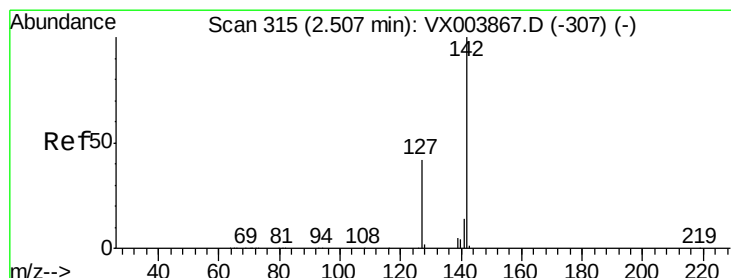
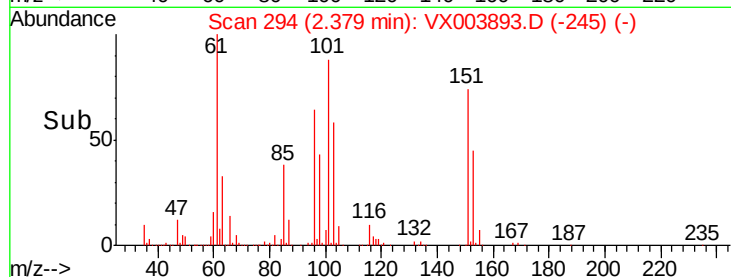
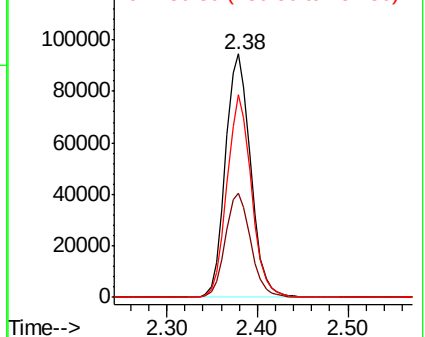
151 80.7 65.0 97.4



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: 47.31 ug/l

RT: 2.51 min Scan# 315

Delta R.T. -0.00 min

Lab File: VX003893.D

Acq: 07 Aug 2018 20:59

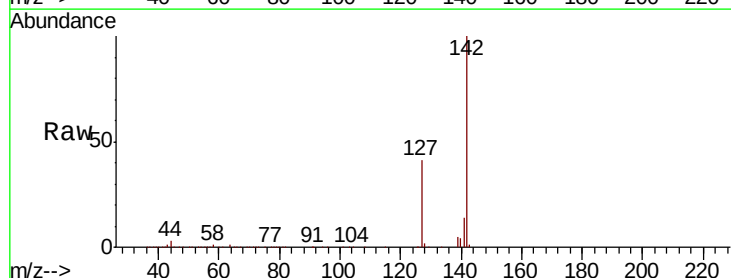
Tgt Ion:142 Resp: 229532

Ion Ratio Lower Upper

142 100

127 41.7 33.1 49.7

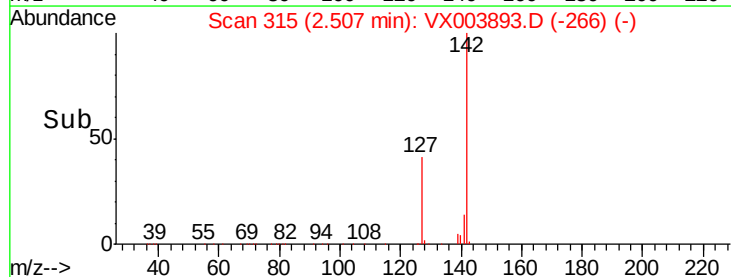
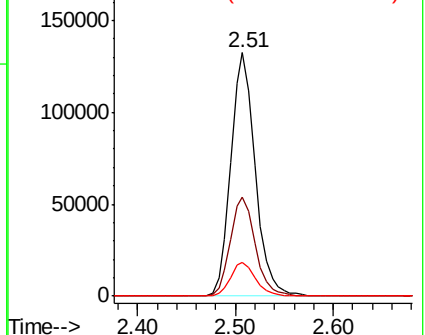
141 14.3 11.1 16.7

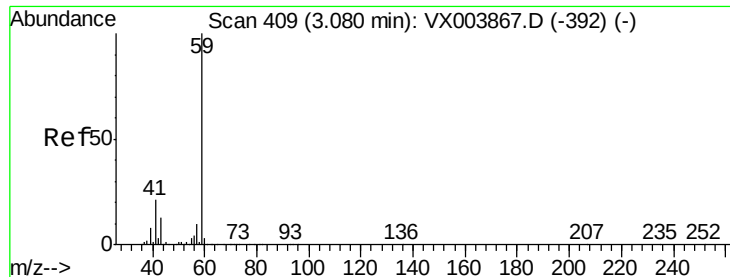


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 252.20 ug/l

RT: 3.08 min Scan# 409

Delta R.T. -0.00 min

Lab File: VX003893.D

Acq: 07 Aug 2018 20:59

Instrument :

MSVOA_X

ClientSampleId :

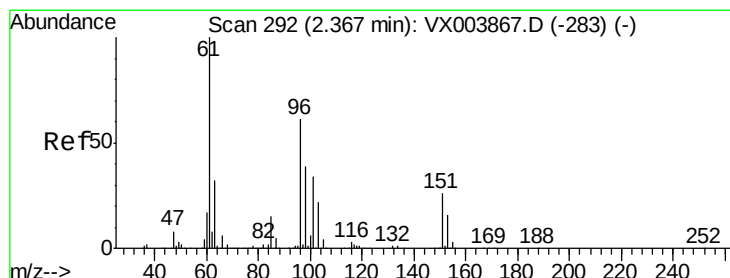
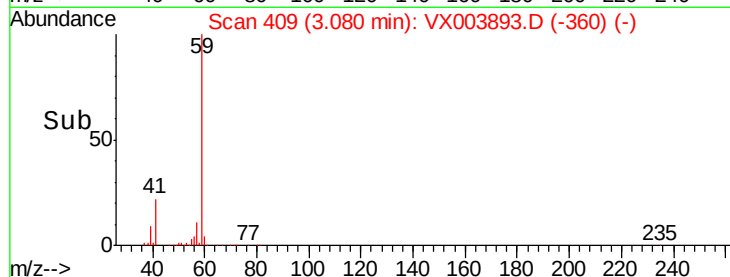
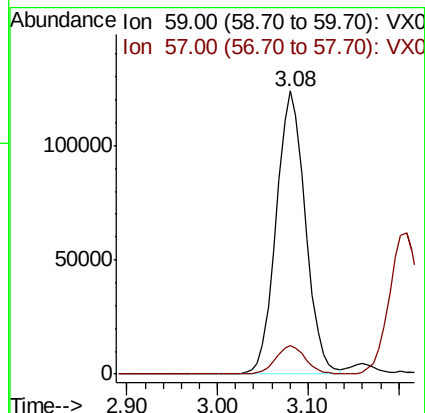
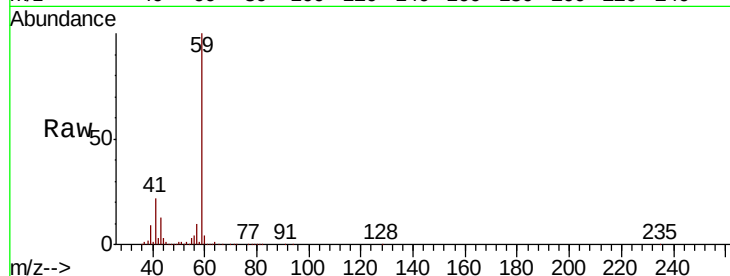
VSTDCCC050EC

Tot Ion: 59 Resp: 276129

Ion Ratio Lower Upper

59 100

57 10.3 8.1 12.1



#12

1,1-Dichloroethene

Concen: 47.86 ug/l

RT: 2.37 min Scan# 292

Delta R.T. -0.00 min

Lab File: VX003893.D

Acq: 07 Aug 2018 20:59

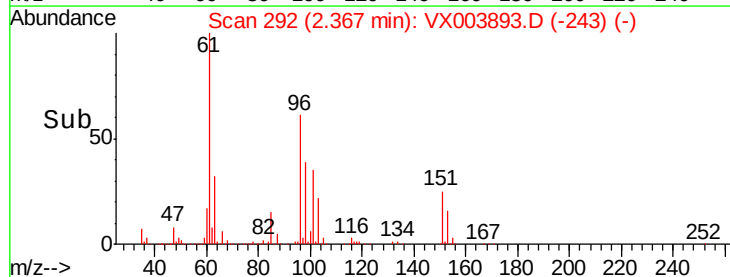
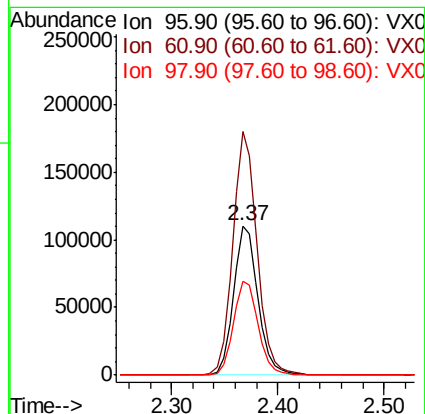
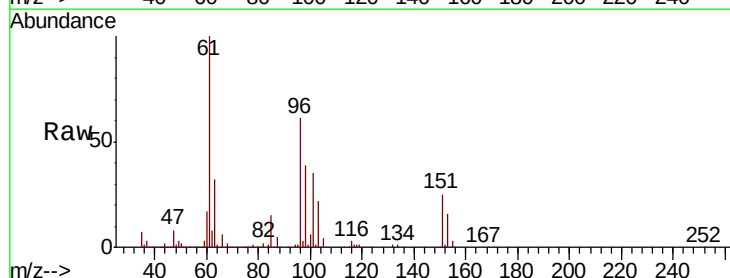
Tgt Ion: 96 Resp: 176579

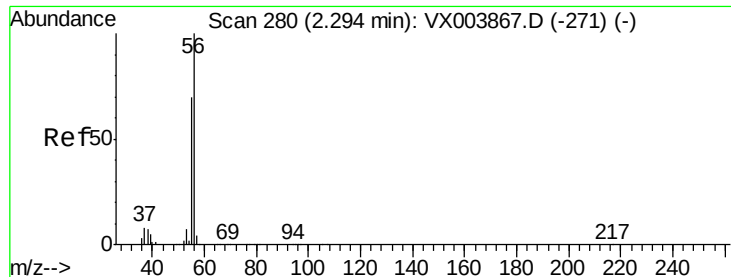
Ion Ratio Lower Upper

96 100

61 163.3 131.3 196.9

98 63.3 51.8 77.6





#13

Acrolein

Concen: 213.17 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX003893.D

Acq: 07 Aug 2018 20:59

Instrument :

MSVOA_X

ClientSampleId :

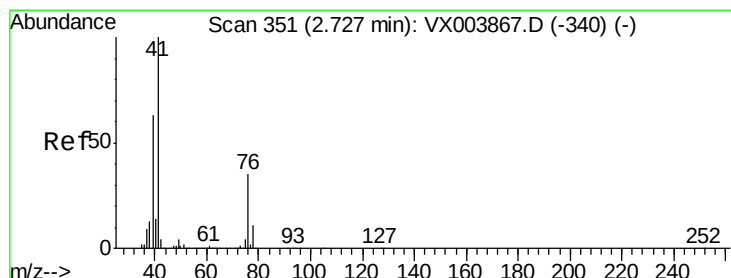
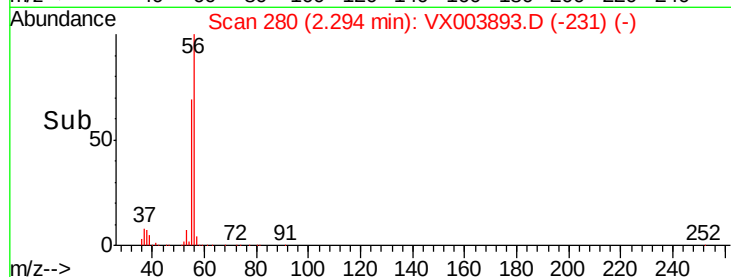
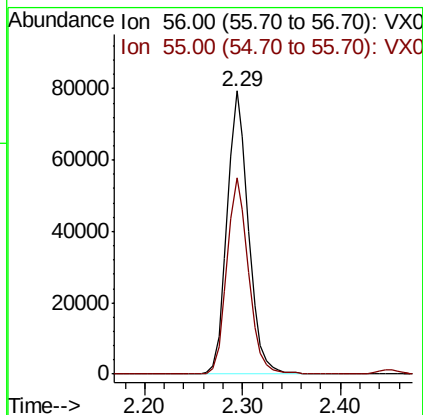
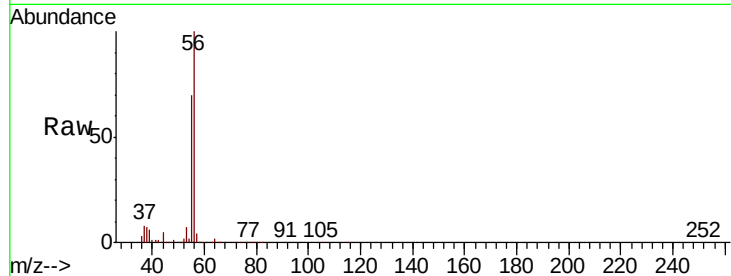
VSTDCCC050EC

Tot Ion: 56 Resp: 120528

Ion Ratio Lower Upper

56 100

55 69.8 56.1 84.1



#14

Allyl chloride

Concen: 47.84 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX003893.D

Acq: 07 Aug 2018 20:59

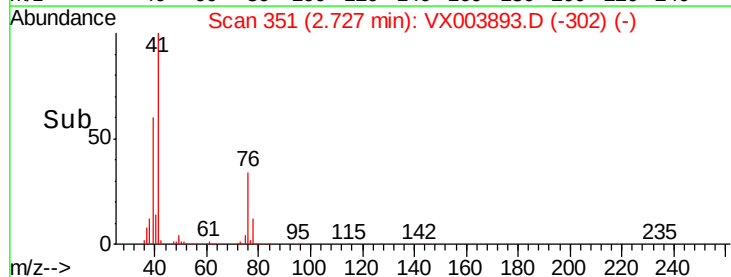
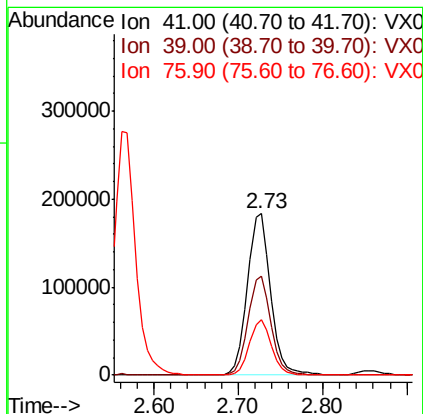
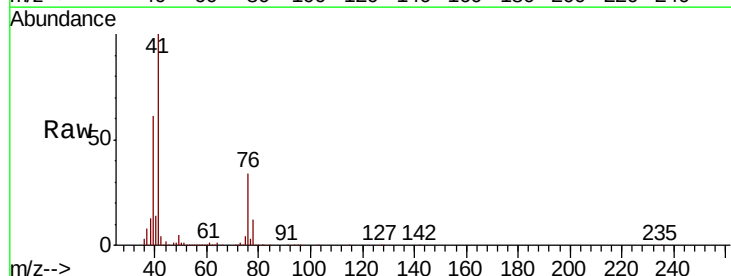
Tgt Ion: 41 Resp: 340188

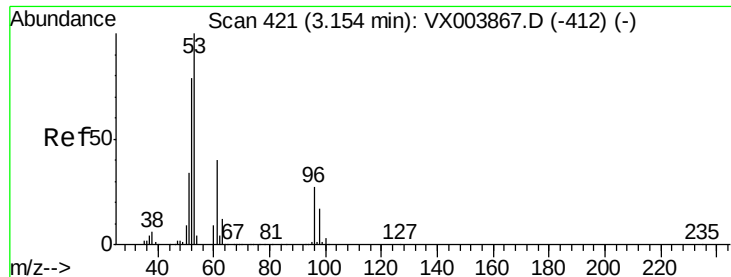
Ion Ratio Lower Upper

41 100

39 59.6 47.4 71.0

76 32.2 26.0 39.0





#15

Acrylonitrile

Concen: 243.41 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX003893.D

Acq: 07 Aug 2018 20:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

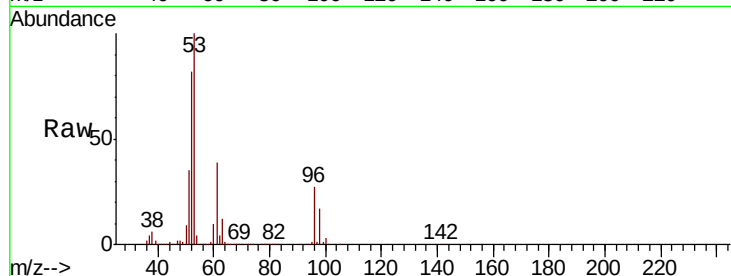
Tot Ion: 53 Resp: 635919

Ion Ratio Lower Upper

53 100

52 81.9 65.3 97.9

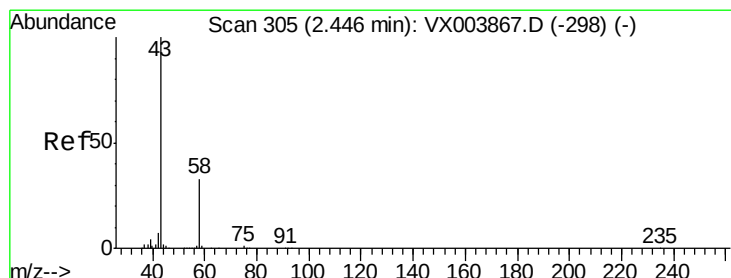
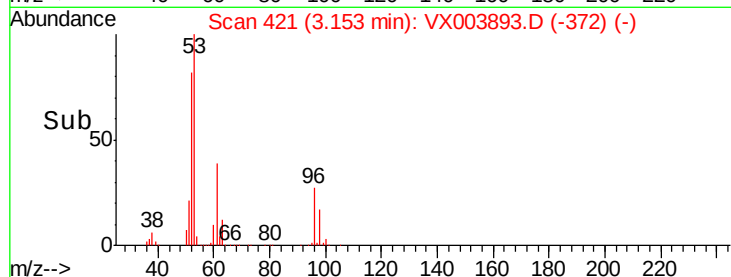
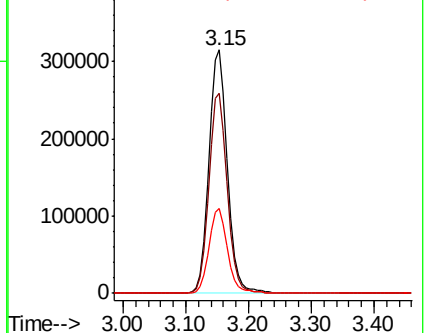
51 35.0 27.9 41.9



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 238.52 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX003893.D

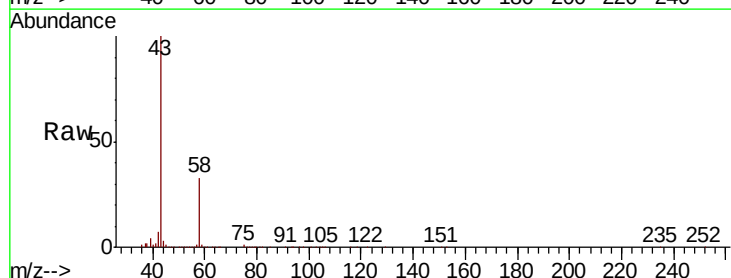
Acq: 07 Aug 2018 20:59

Tgt Ion: 43 Resp: 646531

Ion Ratio Lower Upper

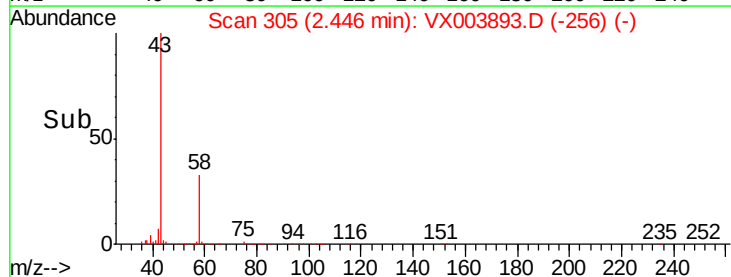
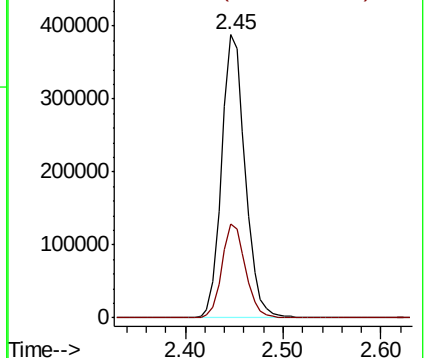
43 100

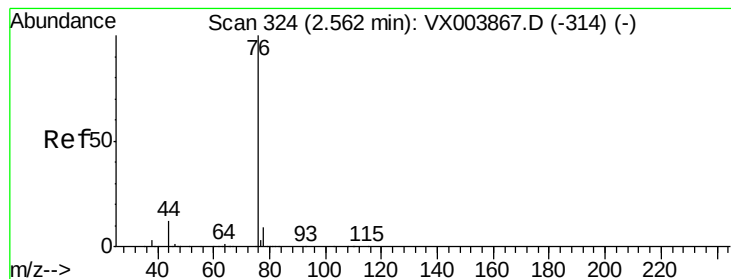
58 33.2 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 46.22 ug/l

RT: 2.56 min Scan# 324

Delta R.T. 0.00 min

Lab File: VX003893.D

Acq: 07 Aug 2018 20:59

Instrument :

MSVOA_X

ClientSampleId :

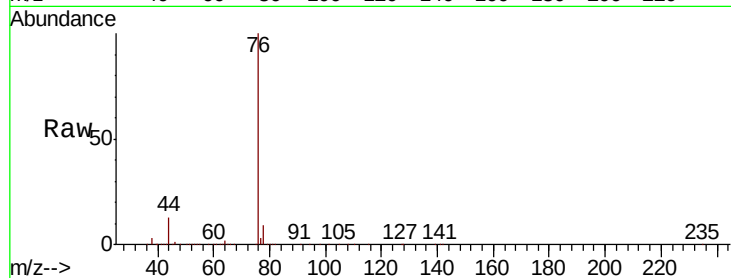
VSTDCCC050EC

Tot Ion: 76 Resp: 482852

Ion Ratio Lower Upper

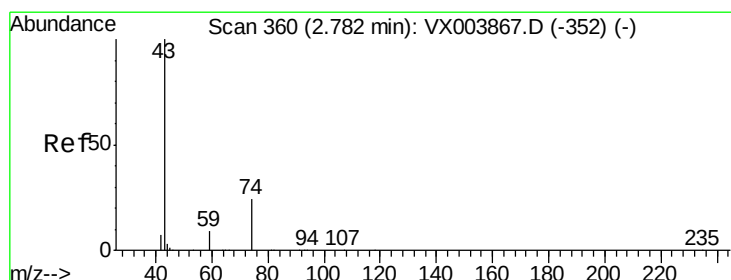
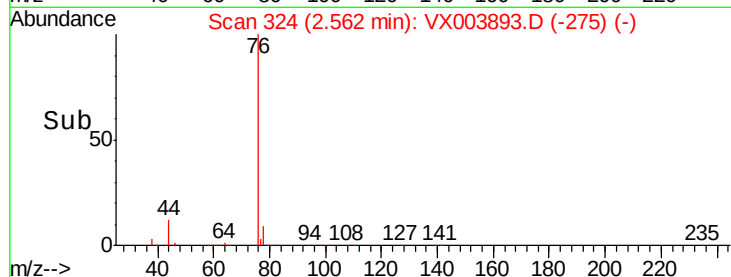
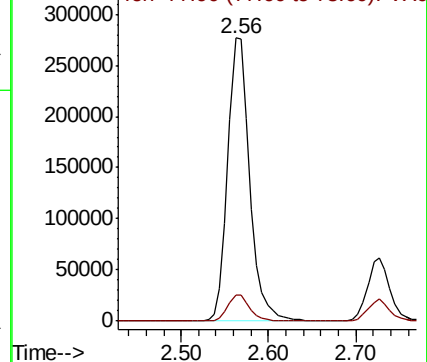
76 100

78 9.2 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 49.84 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX003893.D

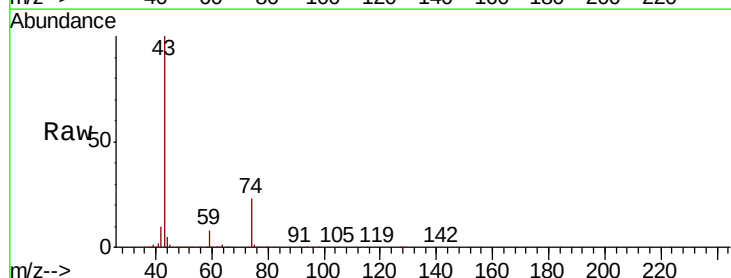
Acq: 07 Aug 2018 20:59

Tgt Ion: 43 Resp: 294139

Ion Ratio Lower Upper

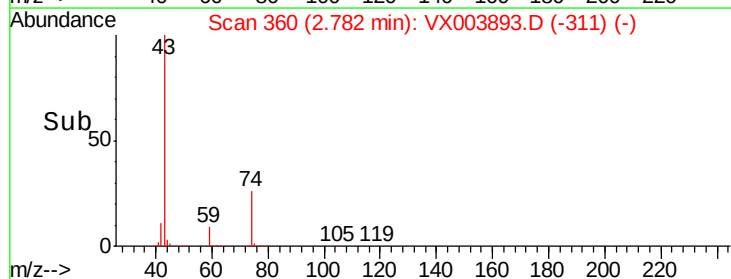
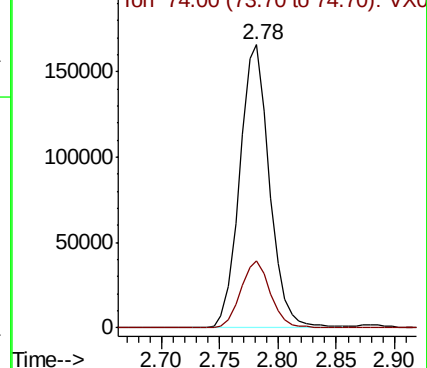
43 100

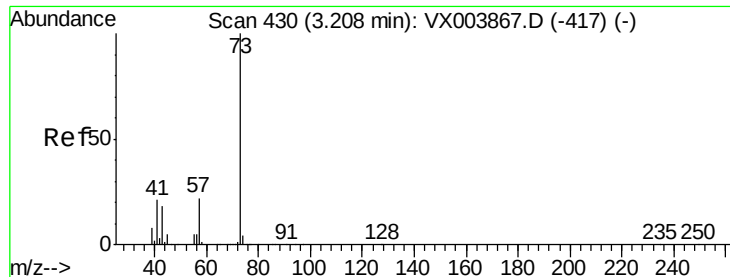
74 23.5 18.9 28.3



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: 49.53 ug/l

RT: 3.21 min Scan# 430

Delta R.T. -0.00 min

Lab File: VX003893.D

Acq: 07 Aug 2018 20:59

Instrument :

MSVOA_X

ClientSampleId :

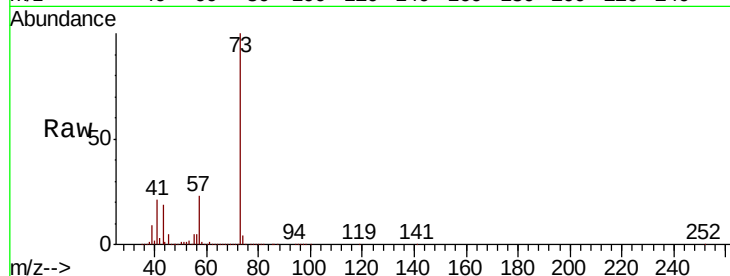
VSTDCCC050EC

Tot Ion: 73 Resp: 647552

Ion Ratio Lower Upper

73 100

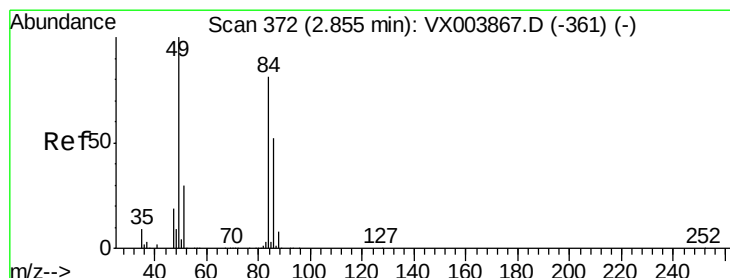
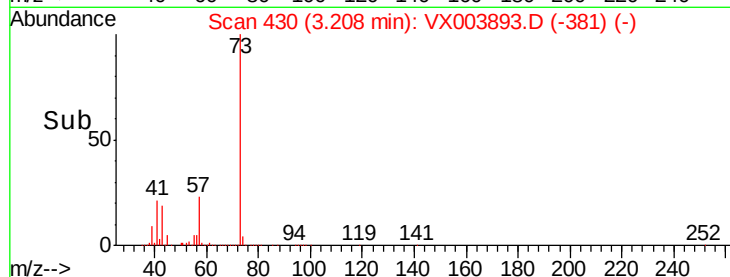
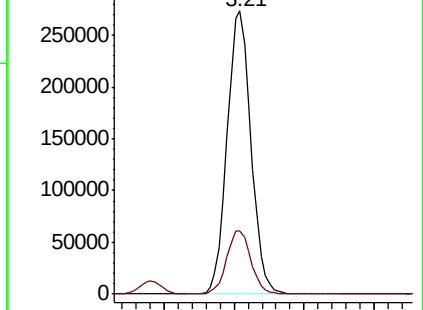
57 22.5 18.0 27.0



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.21



#20

Methylene Chloride

Concen: 49.27 ug/l

RT: 2.85 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX003893.D

Acq: 07 Aug 2018 20:59

Tgt Ion: 84 Resp: 210574

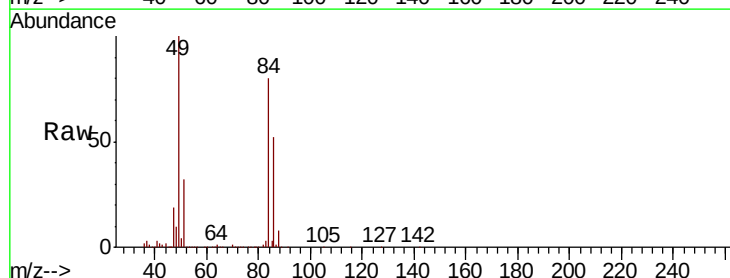
Ion Ratio Lower Upper

84 100

49 125.0 98.9 148.3

51 40.0 29.9 44.9

86 65.6 51.0 76.6

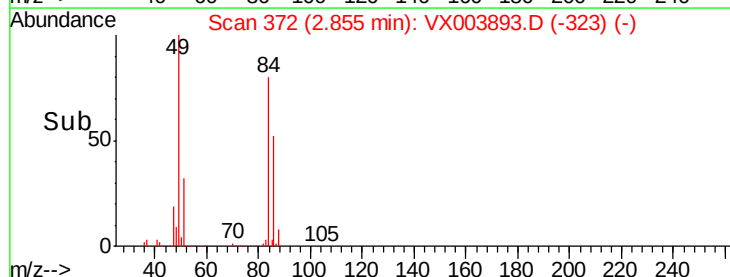
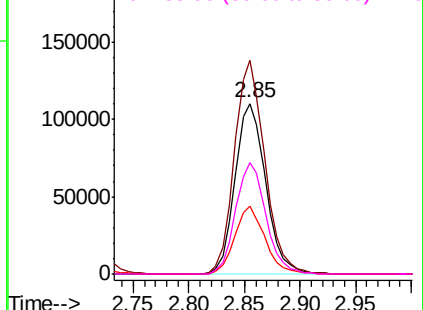


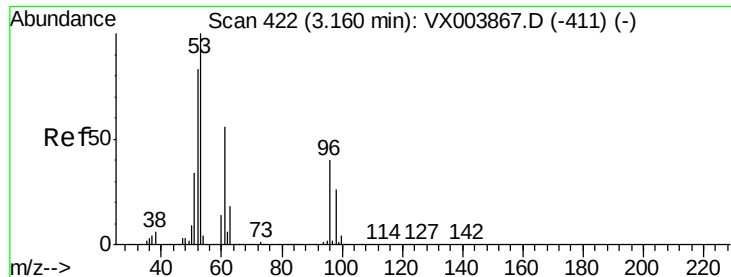
Abundance Ion 83.90 (83.60 to 84.60): VX0

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





#21

trans-1,2-Dichloroethene

Concen: 46.77 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.00 min

Lab File: VX003893.D

Acq: 07 Aug 2018 20:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

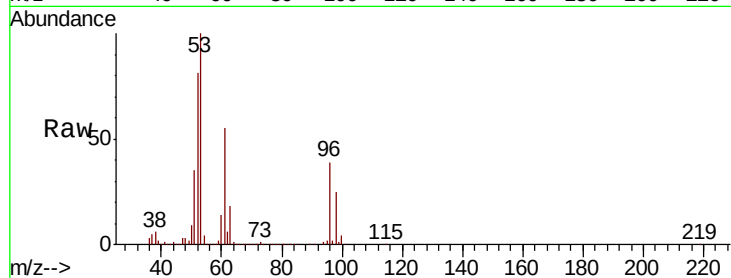
Tot Ion: 96 Resp: 195879

Ion Ratio Lower Upper

96 100

61 138.5 111.8 167.6

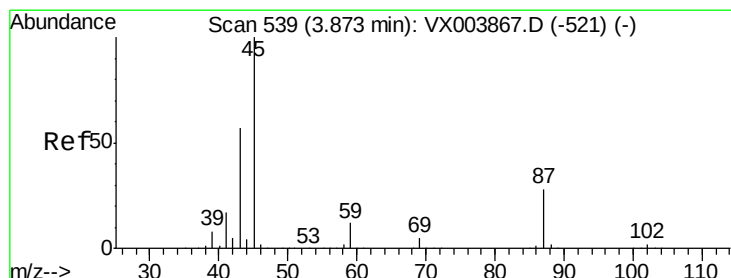
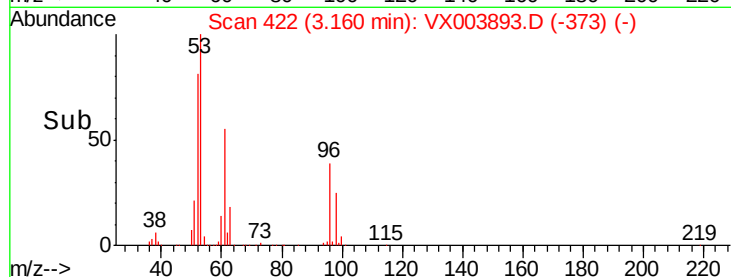
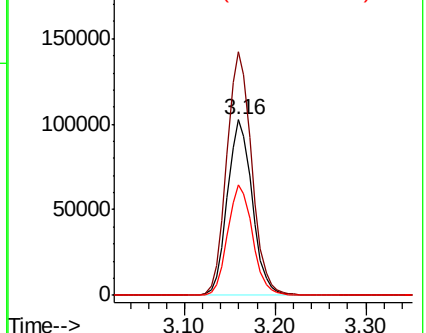
98 63.1 51.8 77.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 48.51 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.00 min

Lab File: VX003893.D

Acq: 07 Aug 2018 20:59

Tgt Ion: 45 Resp: 634196

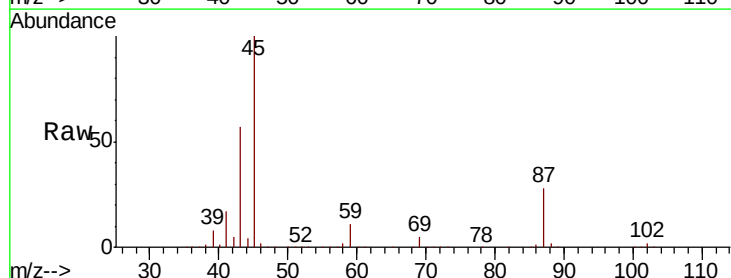
Ion Ratio Lower Upper

45 100

43 57.0 45.3 67.9

87 27.8 22.7 34.1

59 11.3 9.6 14.4

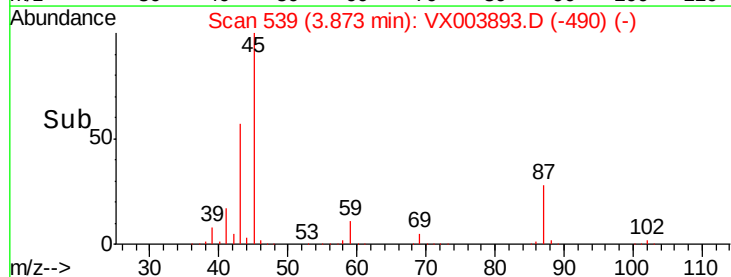
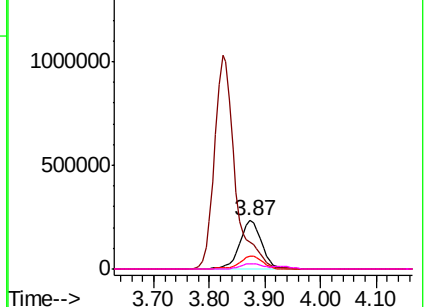


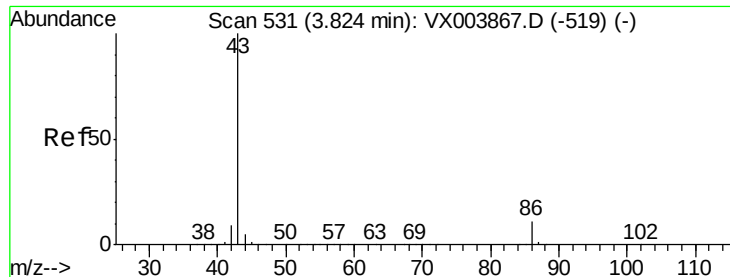
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 243.55 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.00 min

Lab File: VX003893.D

Acq: 07 Aug 2018 20:59

Instrument :

MSVOA_X

ClientSampleId :

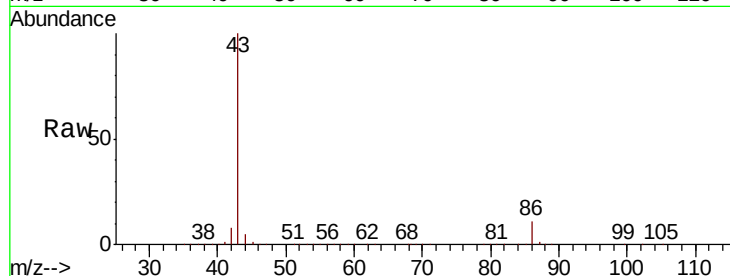
VSTDCCC050EC

Tot Ion: 43 Resp: 2649034

Ion Ratio Lower Upper

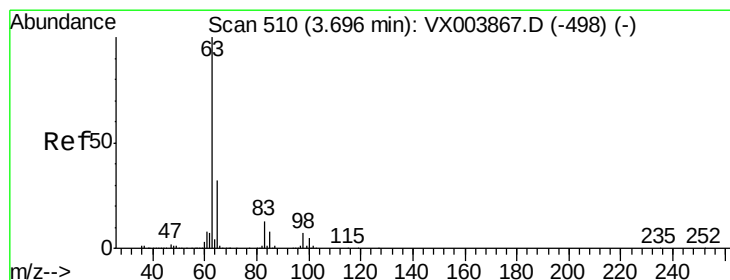
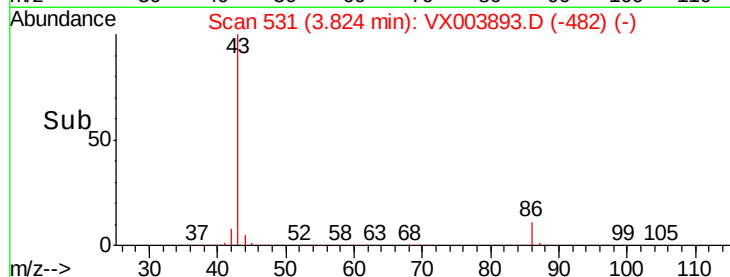
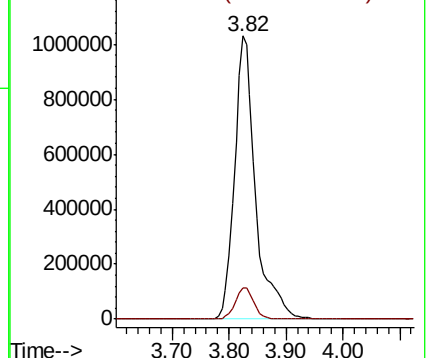
43 100

86 11.2 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 48.76 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX003893.D

Acq: 07 Aug 2018 20:59

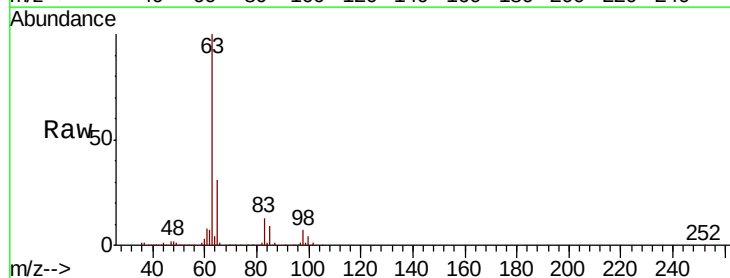
Tgt Ion: 63 Resp: 378626

Ion Ratio Lower Upper

63 100

98 7.3 3.5 10.5

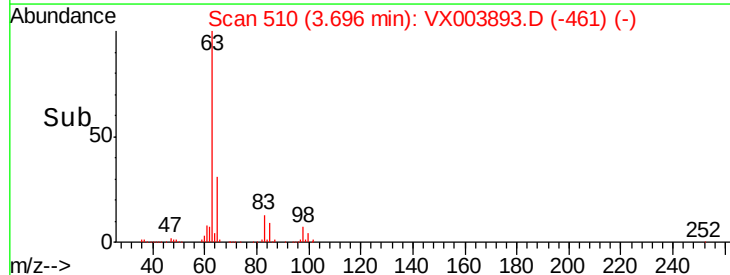
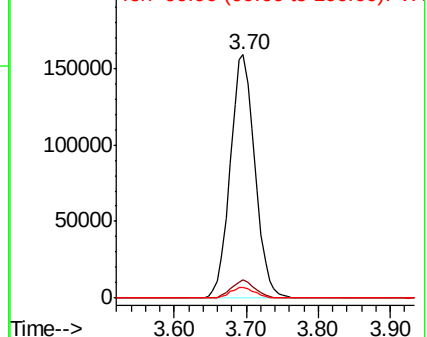
100 4.4 2.3 6.8

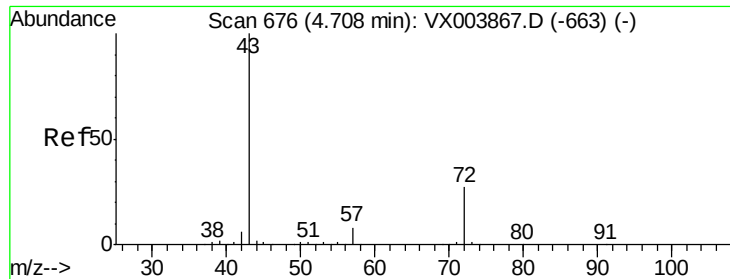


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 249.17 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.00 min

Lab File: VX003893.D

Acq: 07 Aug 2018 20:59

Instrument :

MSVOA_X

ClientSampleId :

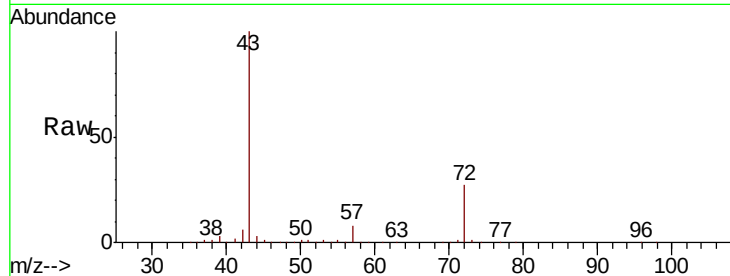
VSTDCCC050EC

Tot Ion: 43 Resp: 1015477

Ion Ratio Lower Upper

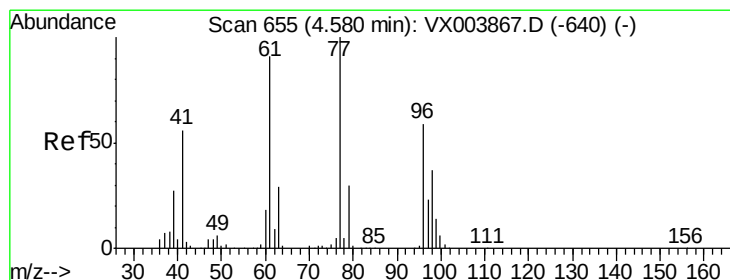
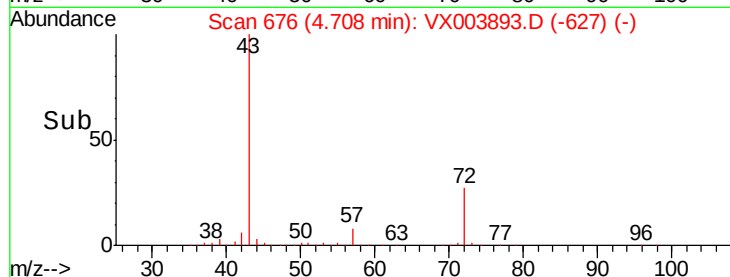
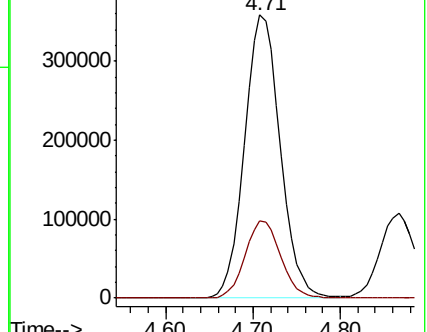
43 100

72 27.3 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 36.63 ug/l

RT: 4.58 min Scan# 655

Delta R.T. -0.00 min

Lab File: VX003893.D

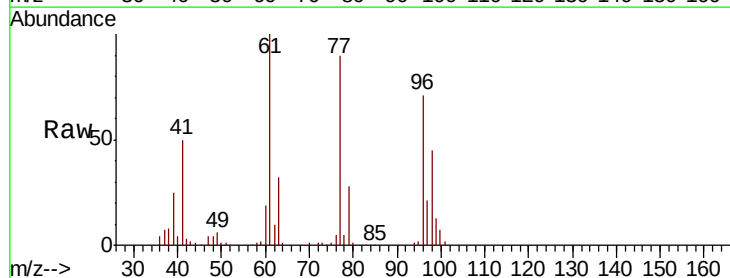
Acq: 07 Aug 2018 20:59

Tgt Ion: 77 Resp: 205129

Ion Ratio Lower Upper

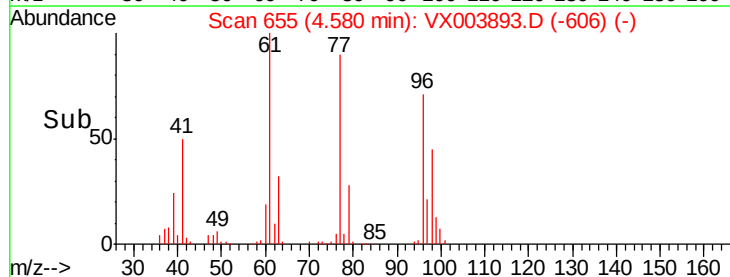
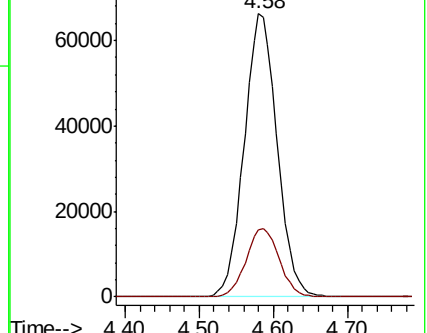
77 100

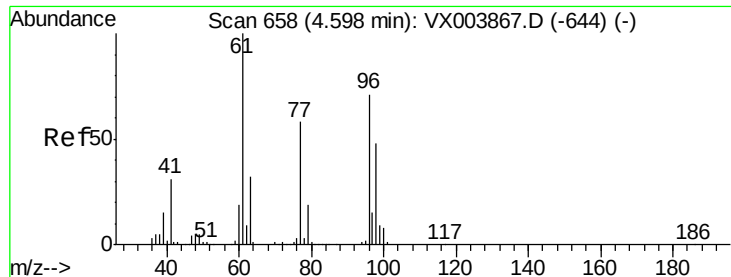
97 24.5 11.9 35.9



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: 49.09 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.00 min

Lab File: VX003893.D

Acq: 07 Aug 2018 20:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

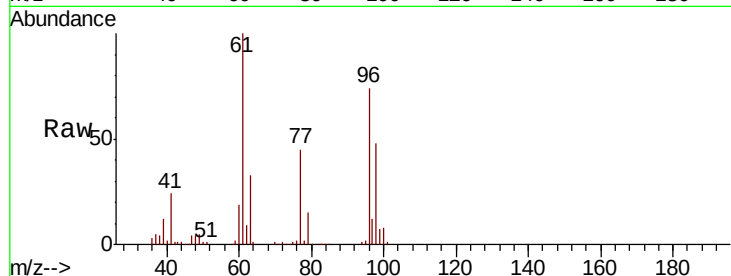
Tot Ion: 96 Resp: 223084

Ion Ratio Lower Upper

96 100

61 139.2 0.0 293.0

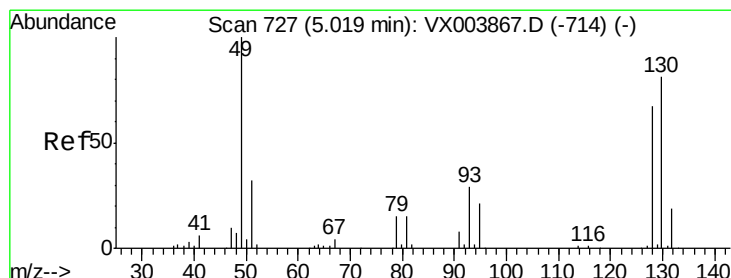
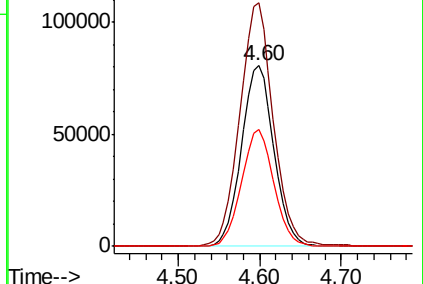
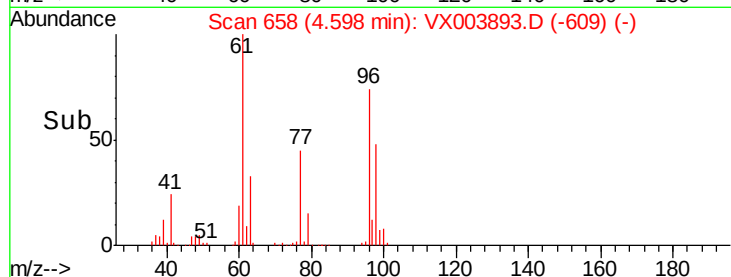
98 64.4 0.0 131.8



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 50.45 ug/l

RT: 5.02 min Scan# 727

Delta R.T. -0.00 min

Lab File: VX003893.D

Acq: 07 Aug 2018 20:59

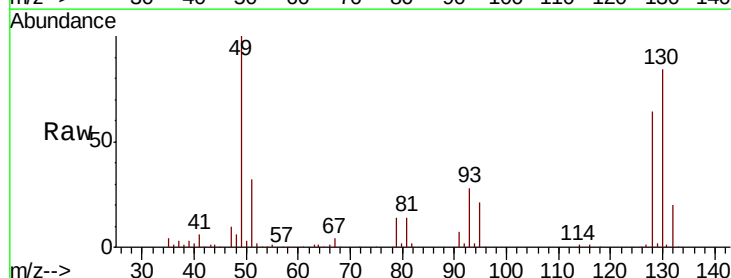
Tgt Ion: 49 Resp: 167646

Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.2

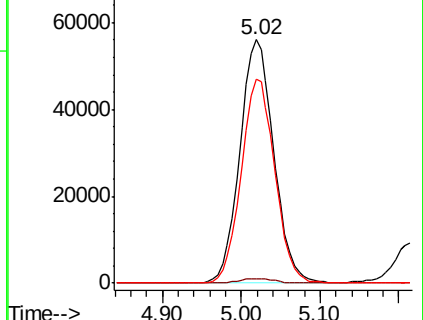
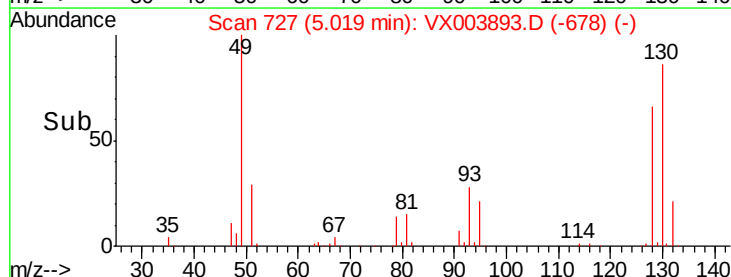
130 83.1 66.5 99.7

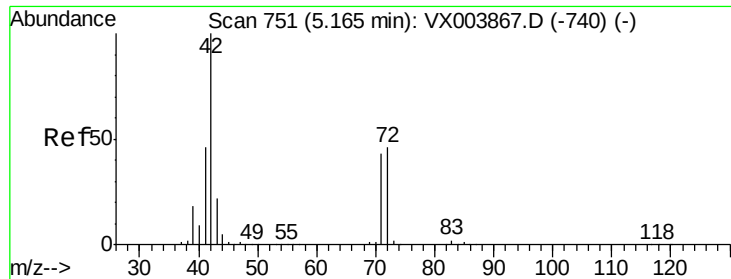


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 250.90 ug/l

RT: 5.17 min Scan# 751

Delta R.T. -0.00 min

Lab File: VX003893.D

Acq: 07 Aug 2018 20:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

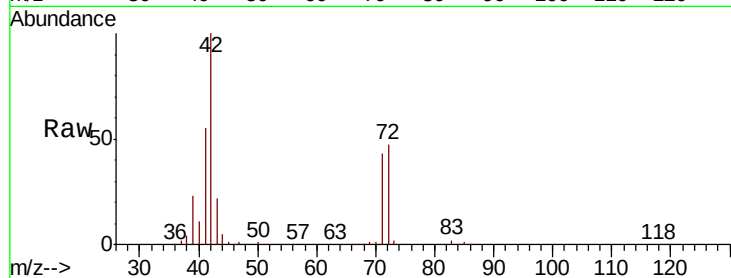
Tot Ion: 42 Resp: 525570

Ion Ratio Lower Upper

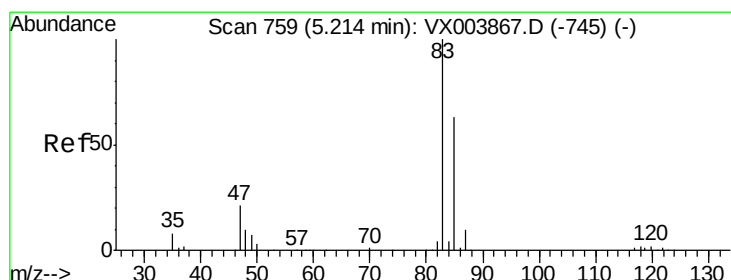
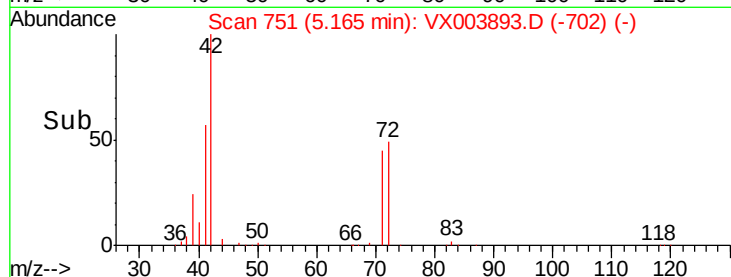
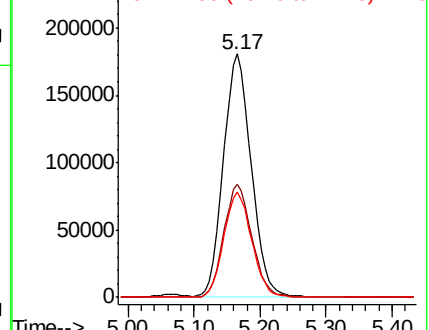
42 100

72 46.9 37.7 56.5

71 43.5 35.0 52.6



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: 49.40 ug/l

RT: 5.21 min Scan# 759

Delta R.T. -0.00 min

Lab File: VX003893.D

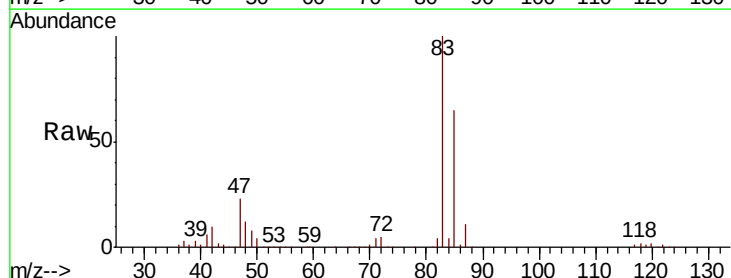
Acq: 07 Aug 2018 20:59

Tgt Ion: 83 Resp: 361121

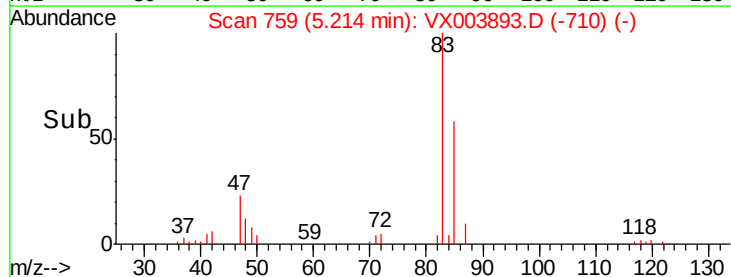
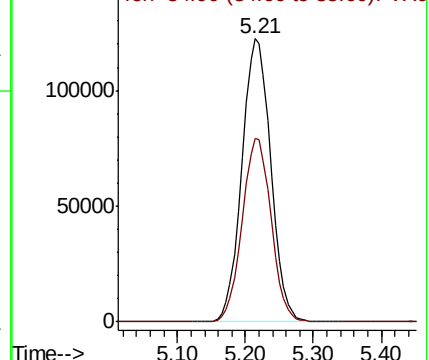
Ion Ratio Lower Upper

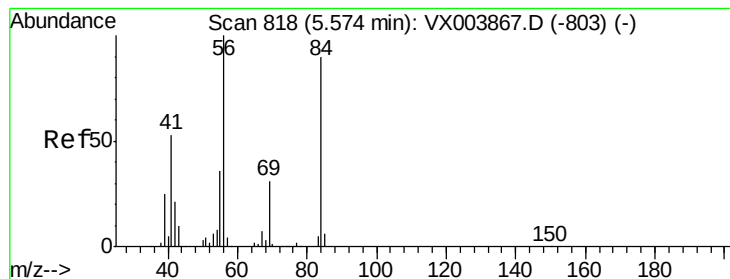
83 100

85 64.9 50.7 76.1



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 49.57 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.00 min

Lab File: VX003893.D

Acq: 07 Aug 2018 20:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

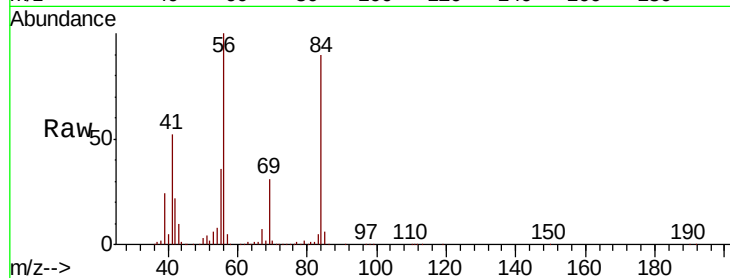
Tot Ion: 56 Resp: 325495

Ion Ratio Lower Upper

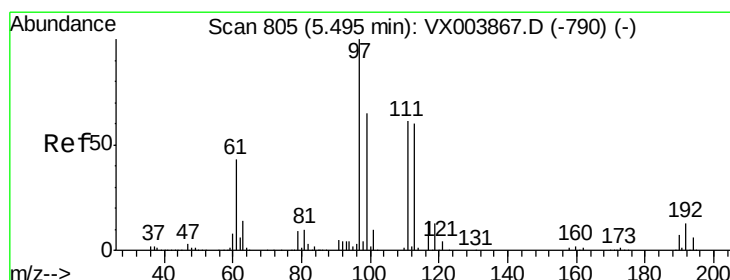
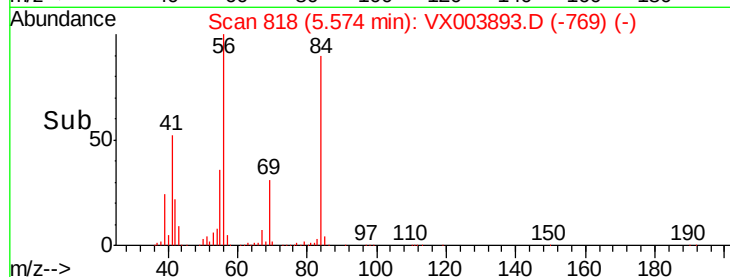
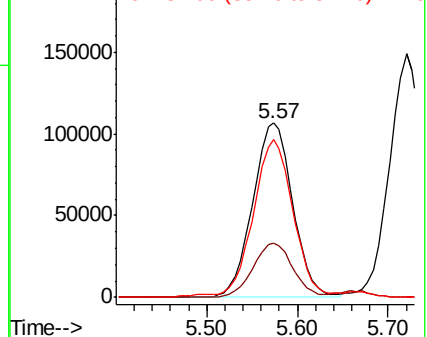
56 100

69 31.0 24.9 37.3

84 89.1 71.7 107.5



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



#32

1,1,1-Trichloroethane

Concen: 49.73 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX003893.D

Acq: 07 Aug 2018 20:59

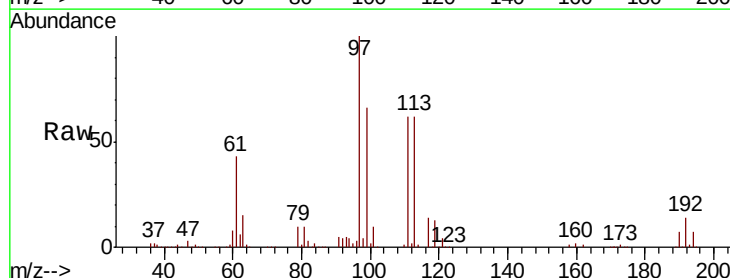
Tgt Ion: 97 Resp: 304833

Ion Ratio Lower Upper

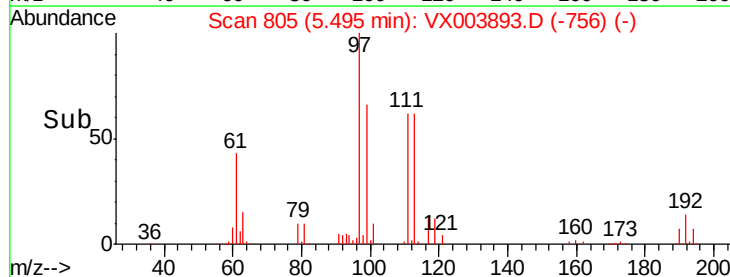
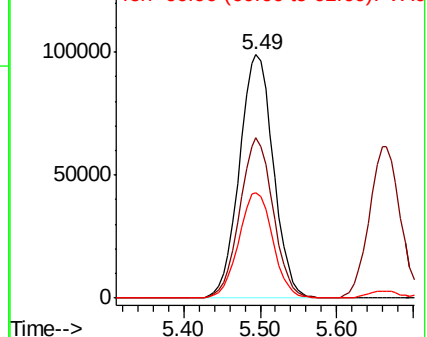
97 100

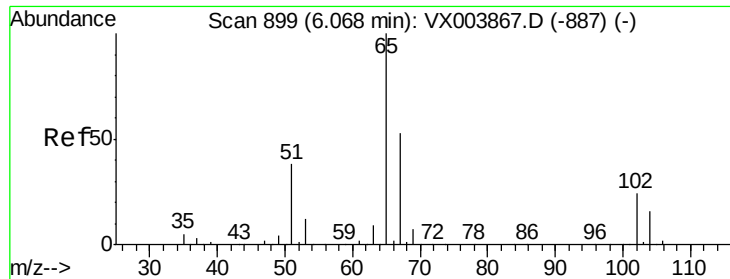
99 64.5 51.8 77.8

61 43.6 34.4 51.6



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

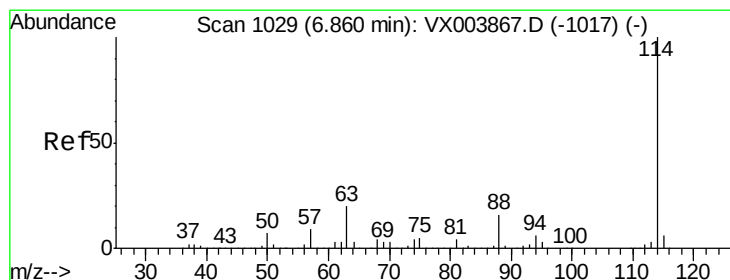
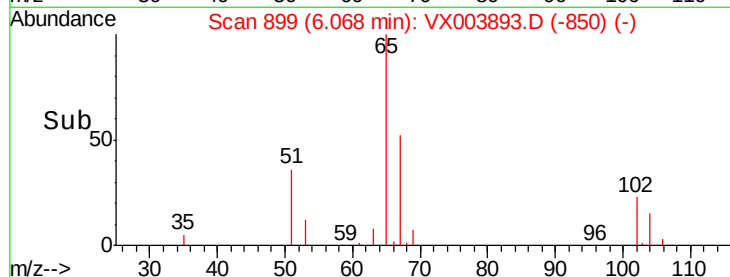
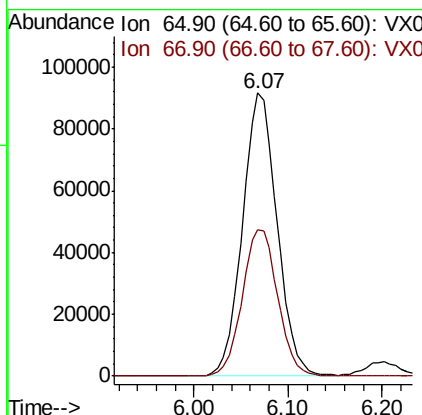
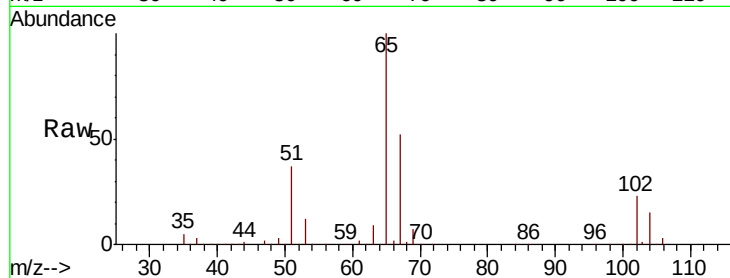




#33
 1,2-Dichloroethane-d4
 Concen: 51.65 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VX003893.D
 Acq: 07 Aug 2018 20:59

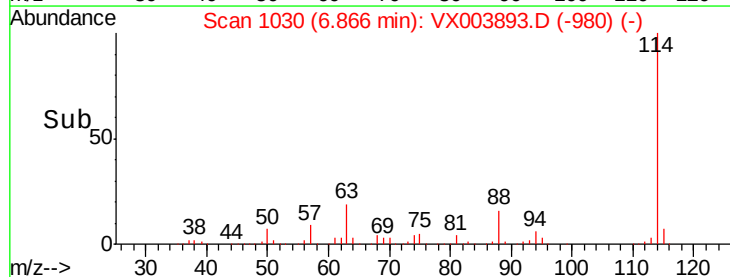
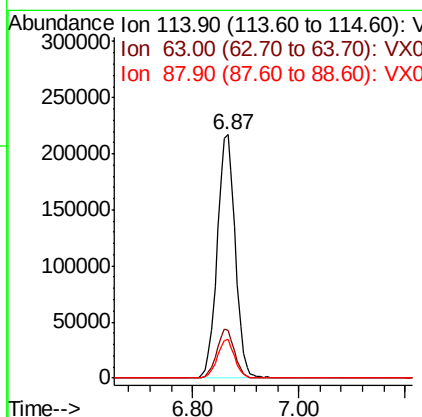
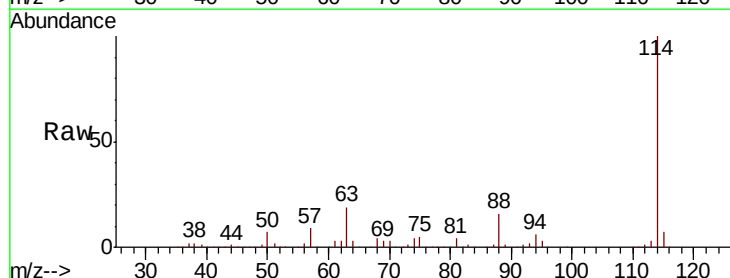
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

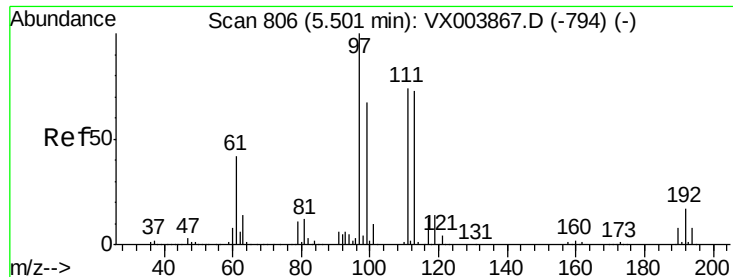
Tot Ion: 65 Resp: 235354
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.01 min
 Lab File: VX003893.D
 Acq: 07 Aug 2018 20:59

Tgt Ion: 114 Resp: 513344
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.0
 88 15.8 0.0 32.0

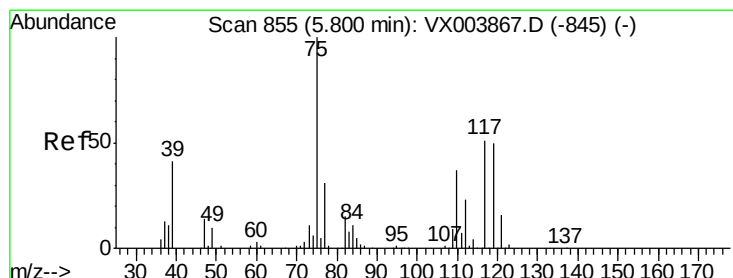
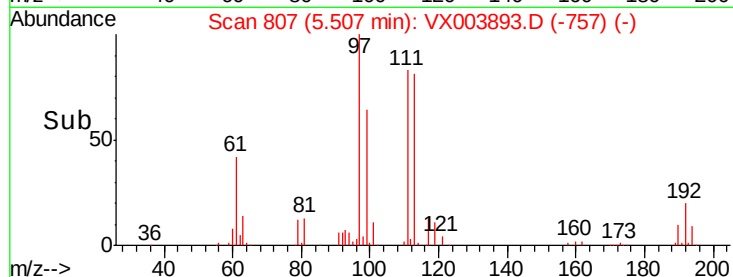
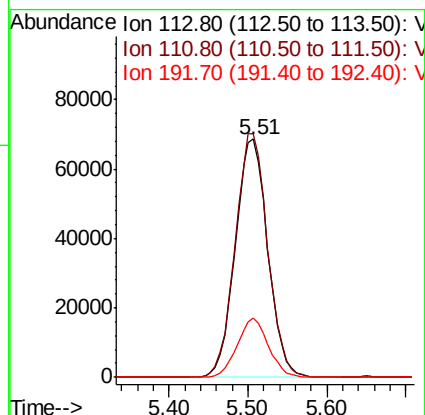
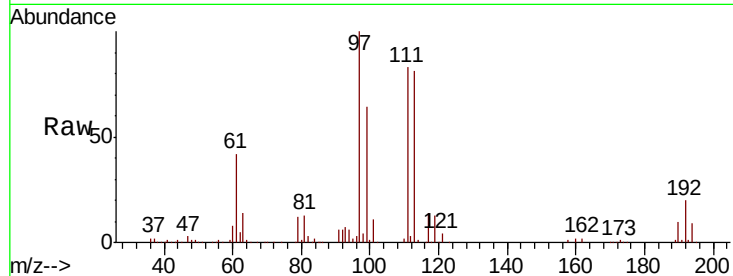




#35
Dibromofluoromethane
Concen: 50.42 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.01 min
Lab File: VX003893.D
Acq: 07 Aug 2018 20:59

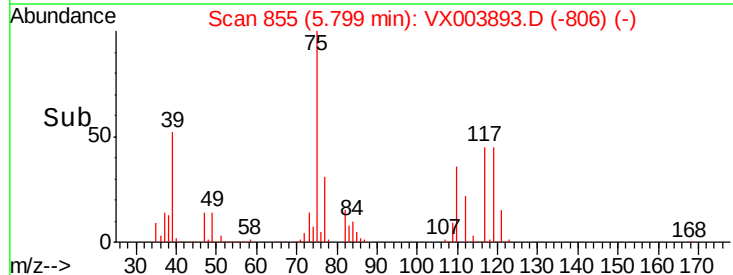
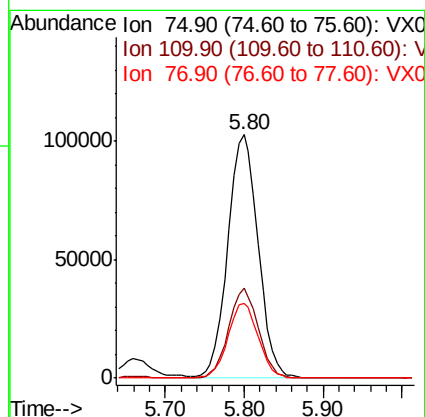
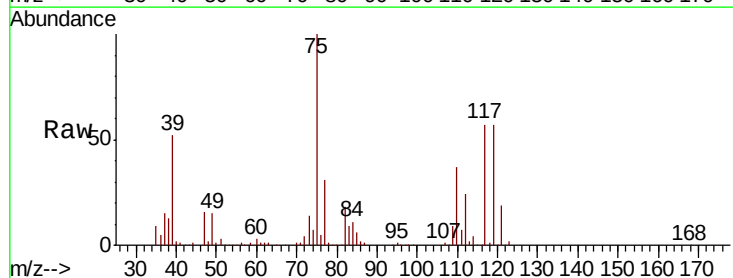
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

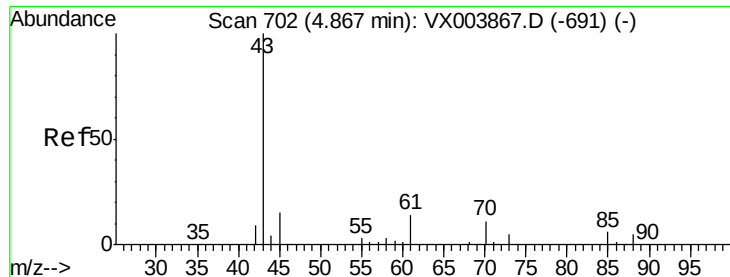
Tot Ion:113 Resp: 196081
Ion Ratio Lower Upper
113 100
111 102.3 82.0 123.0
192 23.8 19.0 28.4



#36
1,1-Dichloropropene
Concen: 47.70 ug/l
RT: 5.80 min Scan# 855
Delta R.T. -0.00 min
Lab File: VX003893.D
Acq: 07 Aug 2018 20:59

Tgt Ion: 75 Resp: 274245
Ion Ratio Lower Upper
75 100
110 36.3 18.2 54.6
77 31.1 25.0 37.4

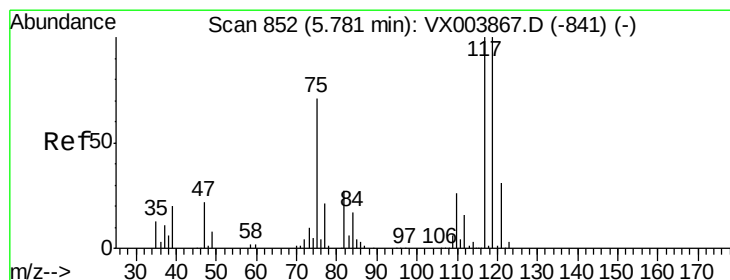
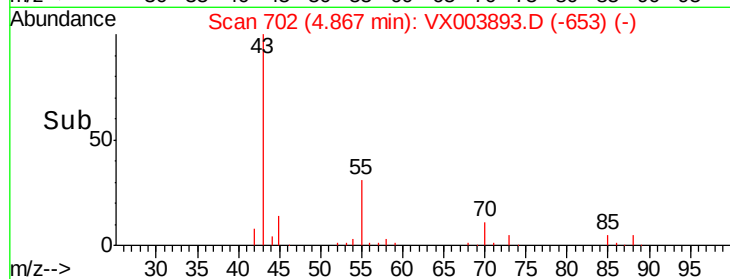
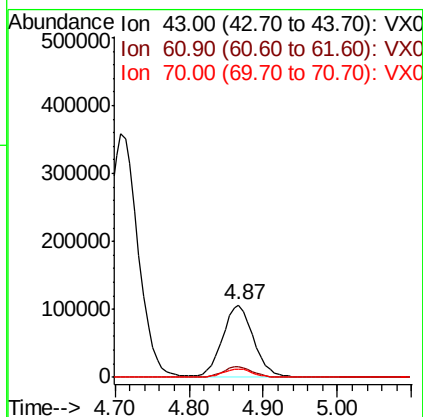
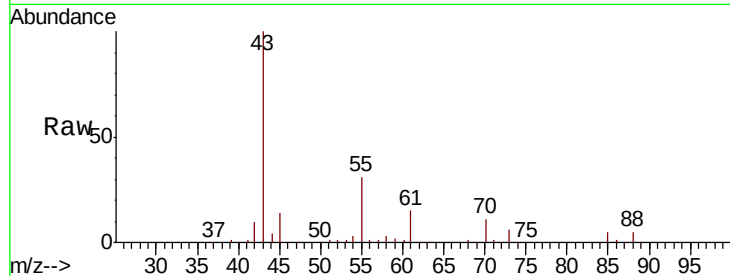




#37
Ethyl Acetate
Concen: 48.76 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.00 min
Lab File: VX003893.D
Acq: 07 Aug 2018 20:59

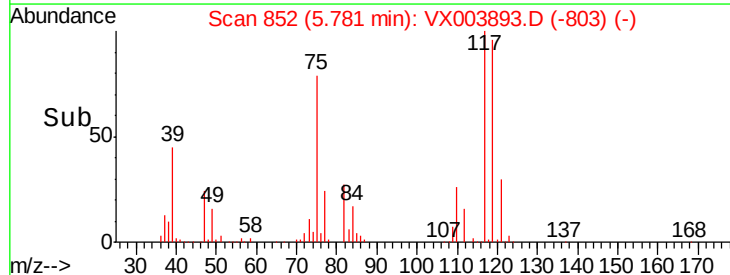
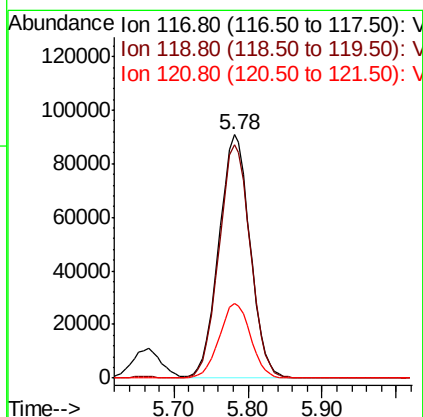
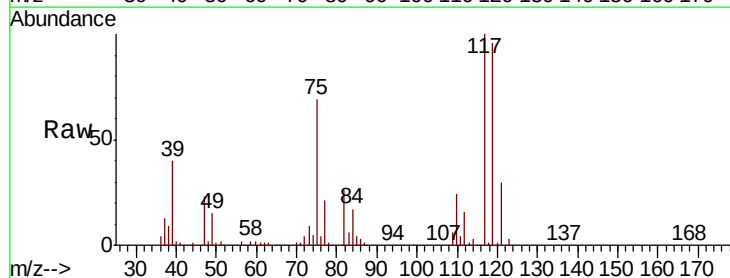
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

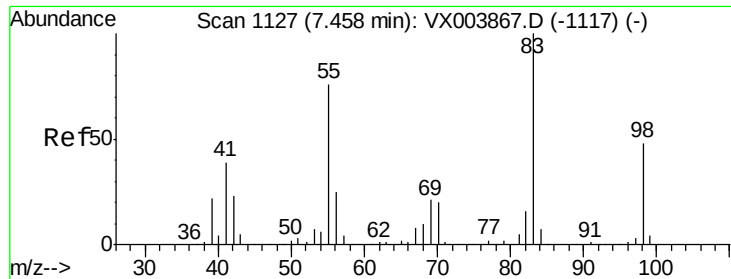
Tot Ion	43	Resp	308395
Ion Ratio	Lower	Upper	
43	100		
61	14.4	11.5	17.3
70	11.4	9.0	13.4



#38
Carbon Tetrachloride
Concen: 48.40 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.00 min
Lab File: VX003893.D
Acq: 07 Aug 2018 20:59

Tgt Ion	117	Resp	264883
Ion Ratio	Lower	Upper	
117	100		
119	96.0	79.5	119.3
121	30.5	25.0	37.4

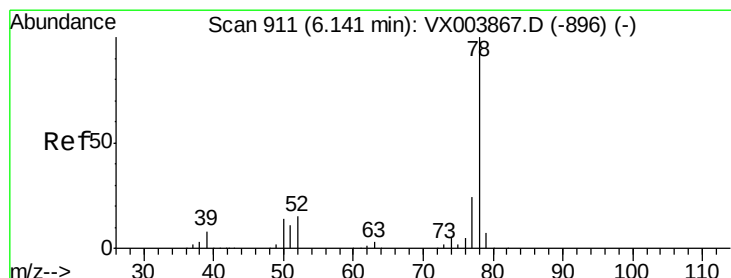
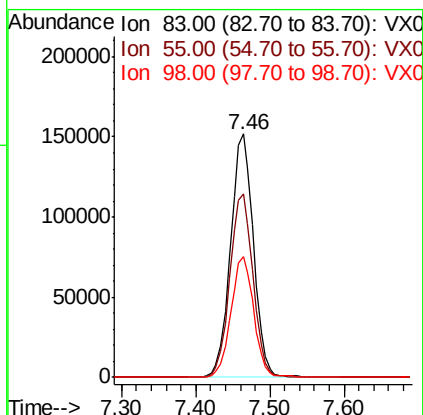
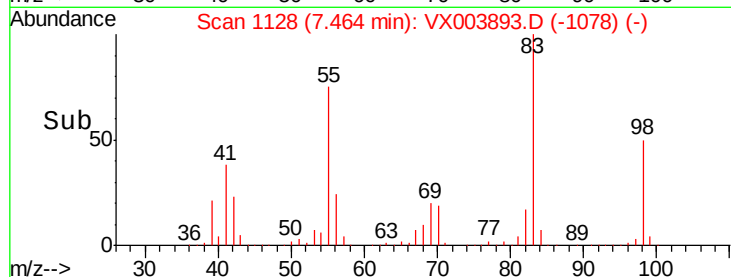
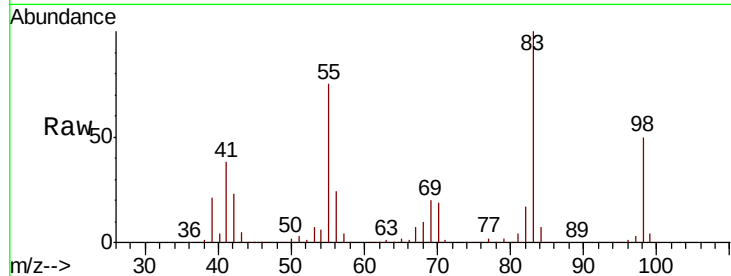




#39
Methylvlcyclohexane
Concen: 48.32 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.01 min
Lab File: VX003893.D
Acq: 07 Aug 2018 20:59

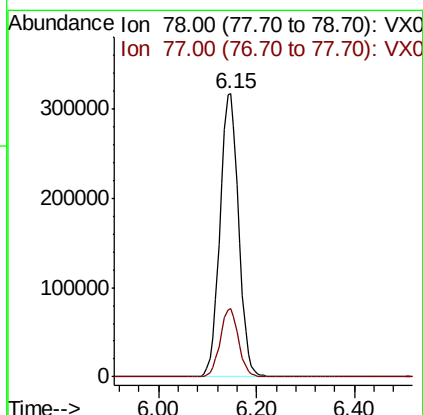
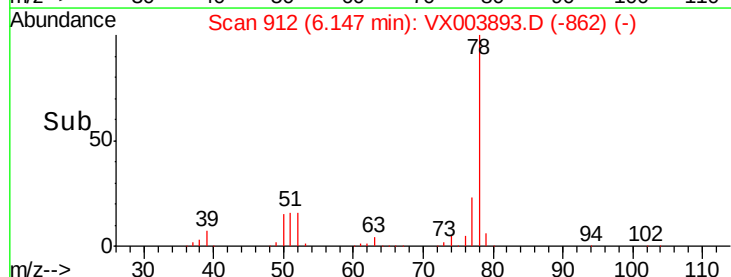
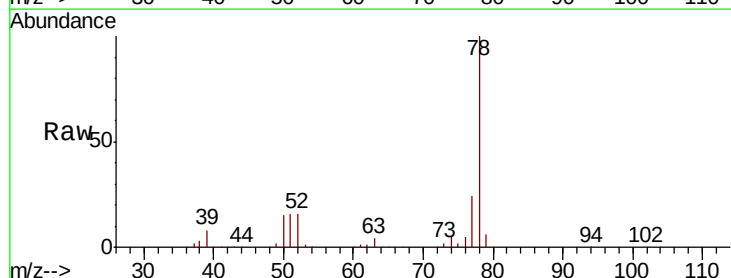
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

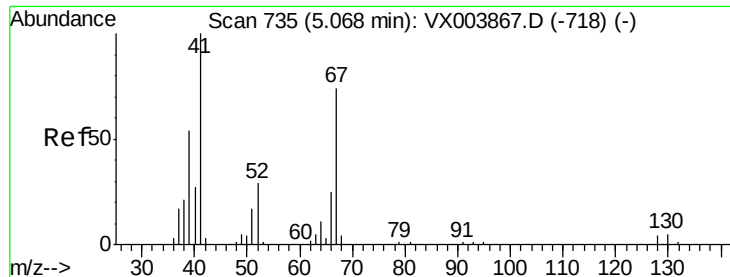
Tot Ion	83	Resp	327579
Ion	Ratio	Lower	Upper
83	100		
55	75.2	61.0	91.6
98	49.7	38.6	57.8



#40
Benzene
Concen: 48.49 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.01 min
Lab File: VX003893.D
Acq: 07 Aug 2018 20:59

Tgt Ion	78	Resp	837110
Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.0	28.4

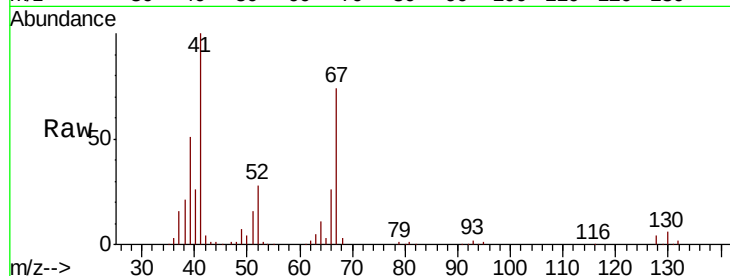




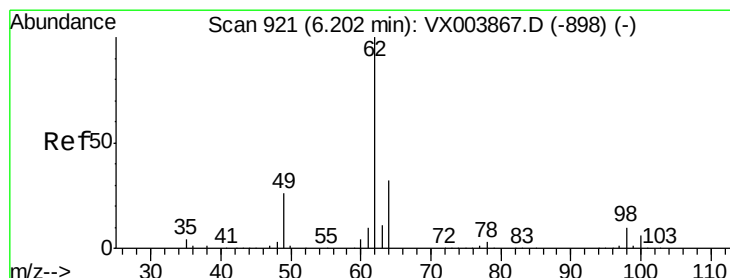
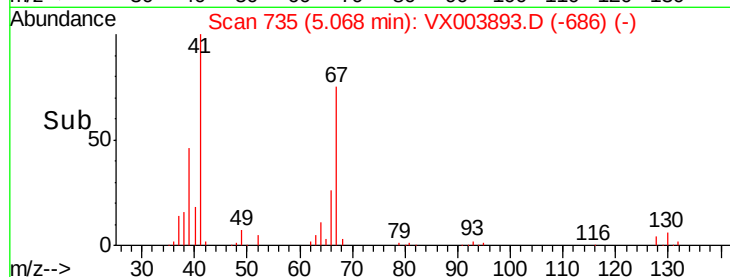
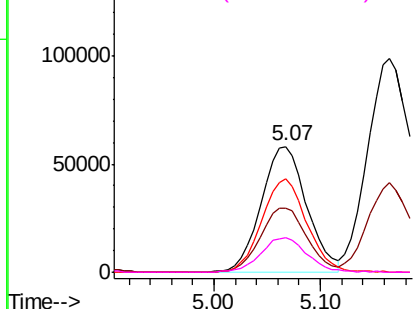
#41
Methacrylonitrile
Concen: 49.67 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX003893.D
Acq: 07 Aug 2018 20:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	173014
Ion	Ratio	Lower	Upper
41	100		
39	52.0	42.7	64.1
67	73.2	58.9	88.3
52	28.0	22.6	33.8

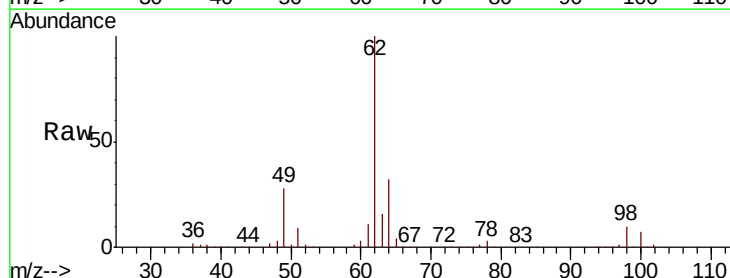


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

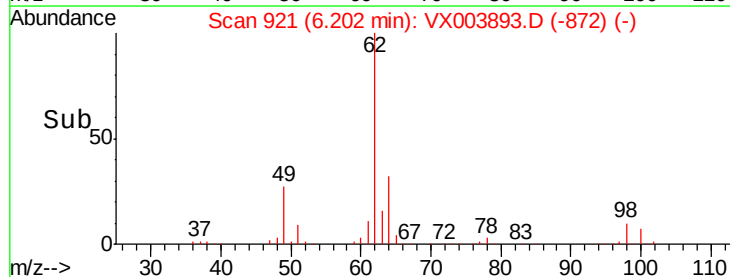
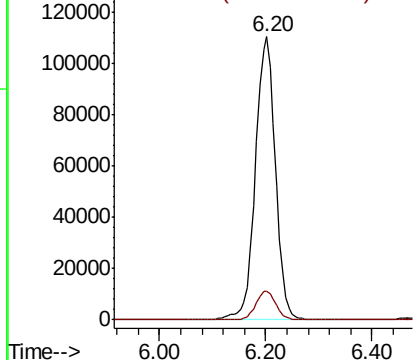


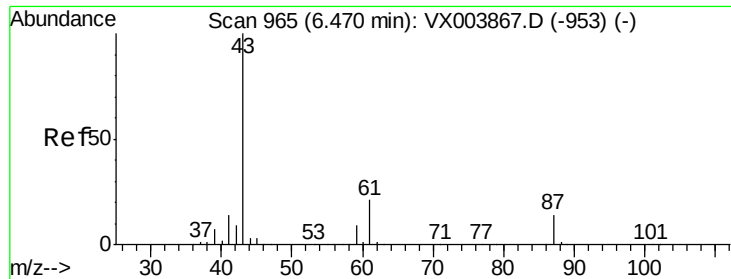
#42
1,2-Dichloroethane
Concen: 48.88 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX003893.D
Acq: 07 Aug 2018 20:59

Tgt Ion:	62	Resp:	285363
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.4



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





#43

Isopropyl Acetate

Concen: 49.97 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX003893.D

Acq: 07 Aug 2018 20:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

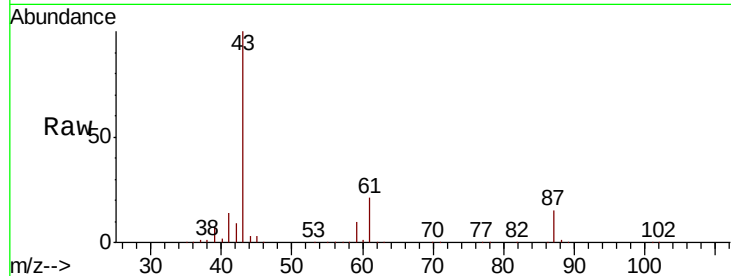
Tot Ion: 43 Resp: 475584

Ion Ratio Lower Upper

43 100

61 21.2 16.9 25.3

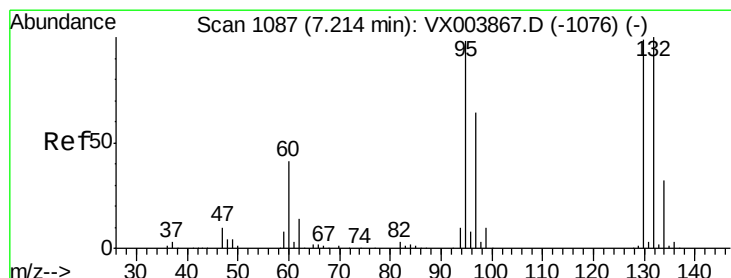
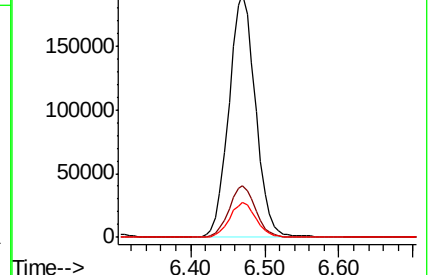
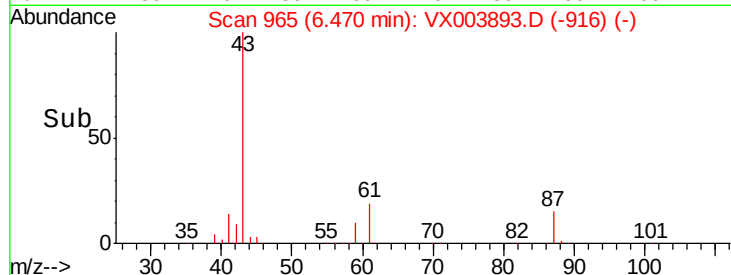
87 14.2 11.3 16.9



Abundance Ion 43.00 (42.70 to 43.70): VX003867.D (-953) (-)

Ion 61.00 (60.70 to 61.70): VX003867.D (-953) (-)

Ion 87.00 (86.70 to 87.70): VX003867.D (-953) (-)



#44

Trichloroethene

Concen: 47.10 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX003893.D

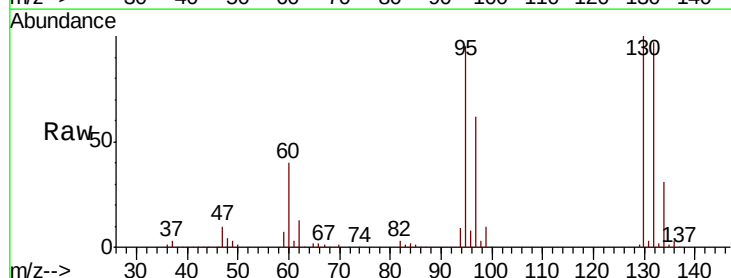
Acq: 07 Aug 2018 20:59

Tgt Ion: 130 Resp: 222404

Ion Ratio Lower Upper

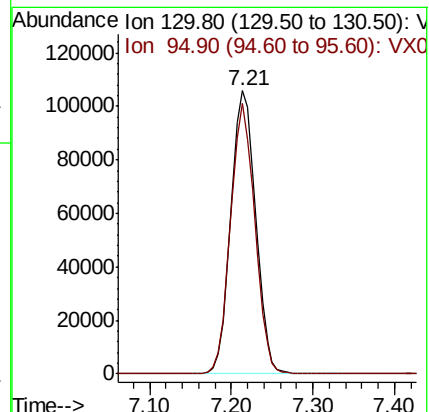
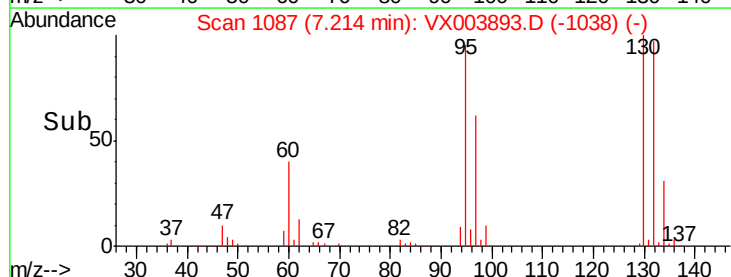
130 100

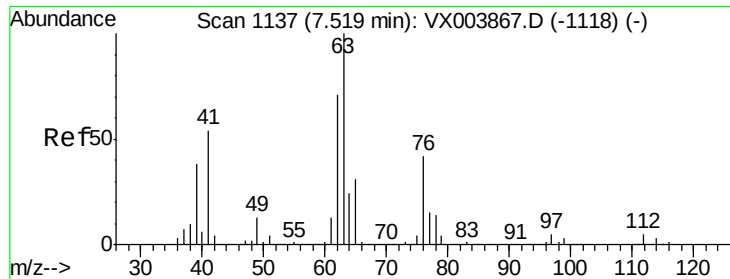
95 95.5 0.0 199.4



Abundance Ion 129.80 (129.50 to 130.50): VX003867.D (-1076) (-)

Ion 94.90 (94.60 to 95.60): VX003867.D (-1076) (-)

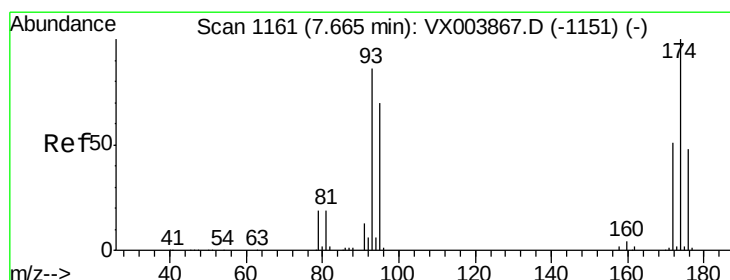
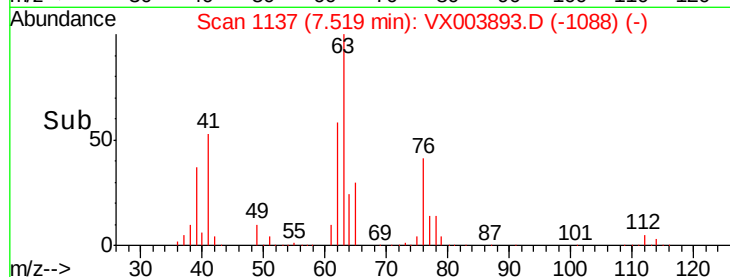
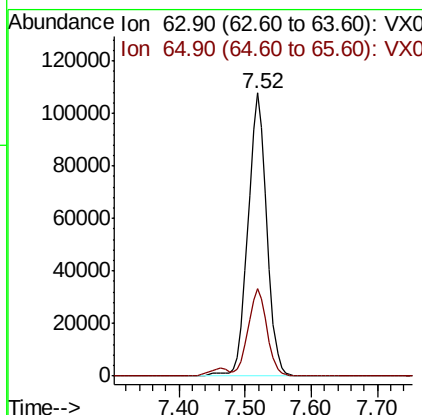
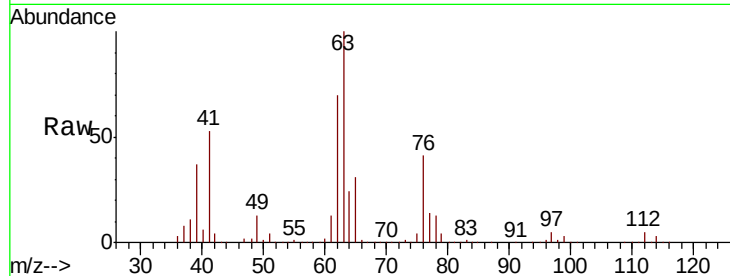




#45
 1,2-Dichloropropane
 Concen: 48.22 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX003893.D
 Acq: 07 Aug 2018 20:59

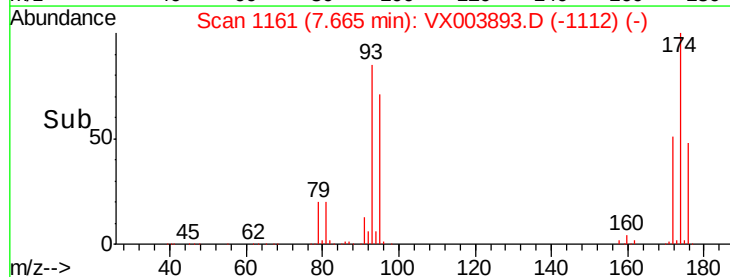
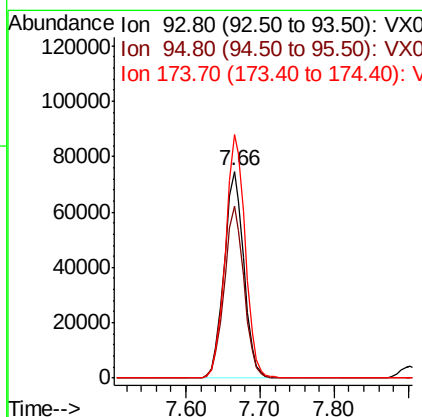
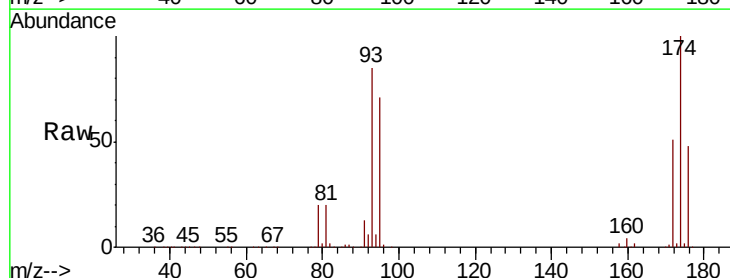
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

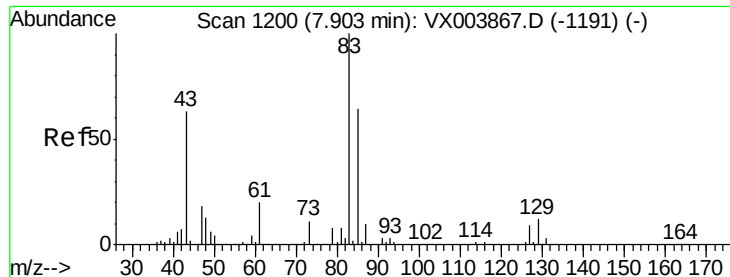
Tot Ion: 63 Resp: 214983
 Ion Ratio Lower Upper
 63 100
 65 31.1 24.6 36.8



#46
 Dibromomethane
 Concen: 47.82 ug/l
 RT: 7.66 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX003893.D
 Acq: 07 Aug 2018 20:59

Tgt Ion: 93 Resp: 138417
 Ion Ratio Lower Upper
 93 100
 95 83.5 66.4 99.6
 174 118.1 94.3 141.5





#47

Bromodichloromethane

Concen: 48.72 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX003893.D

Acq: 07 Aug 2018 20:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

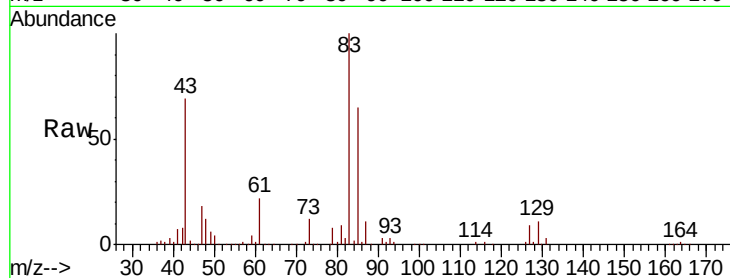
Tot Ion: 83 Resp: 265670

Ion Ratio Lower Upper

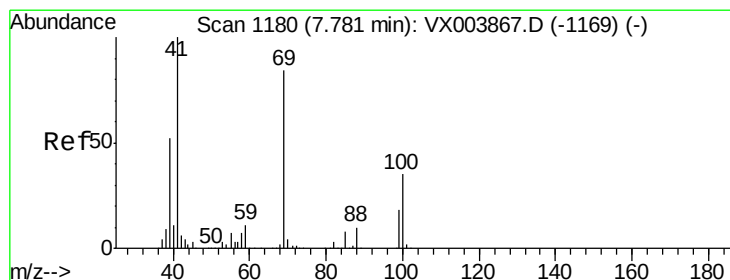
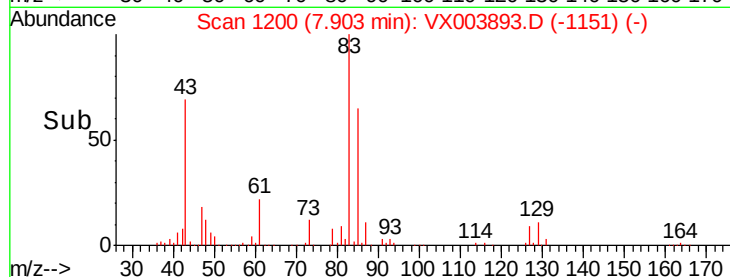
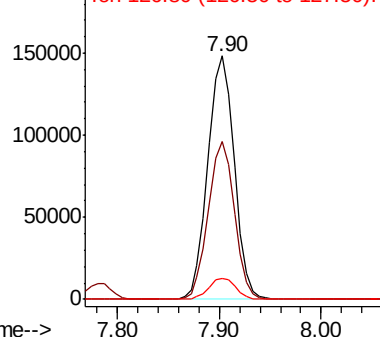
83 100

85 64.8 51.2 76.8

127 8.7 7.2 10.8



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: 51.08 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VX003893.D

Acq: 07 Aug 2018 20:59

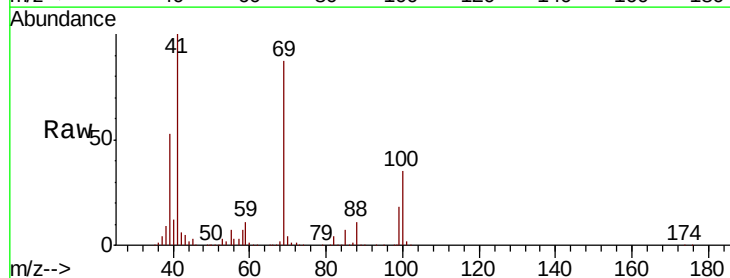
Tgt Ion: 41 Resp: 247138

Ion Ratio Lower Upper

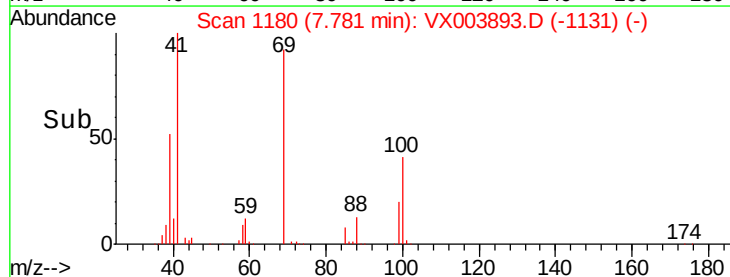
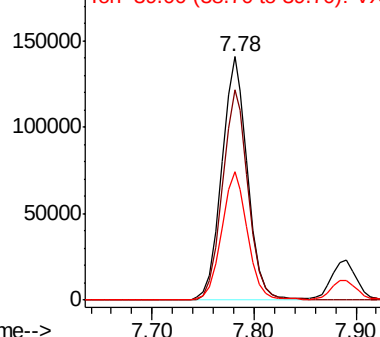
41 100

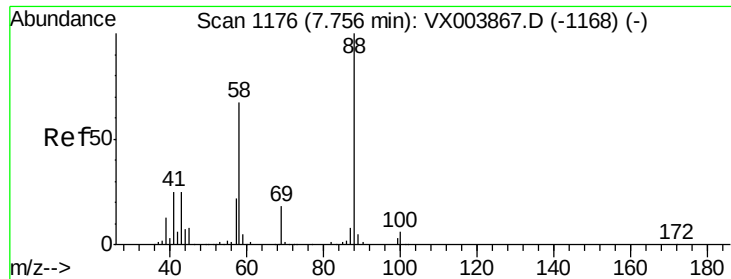
69 86.8 68.8 103.2

39 52.8 42.3 63.5



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

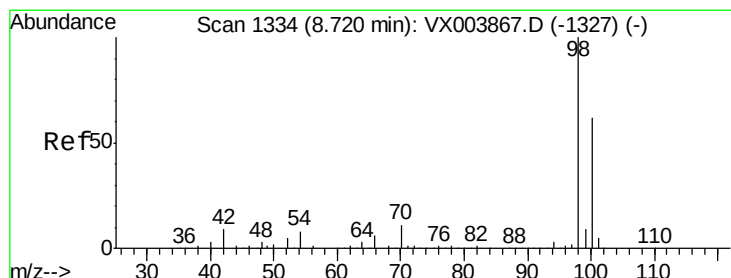
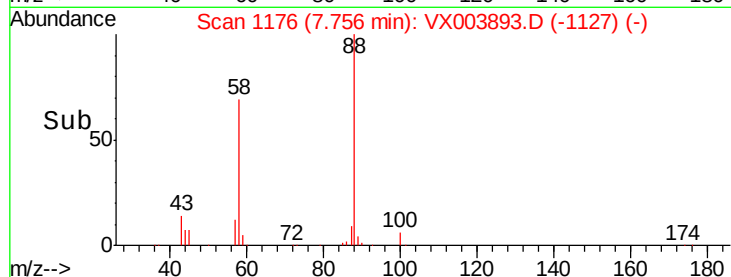
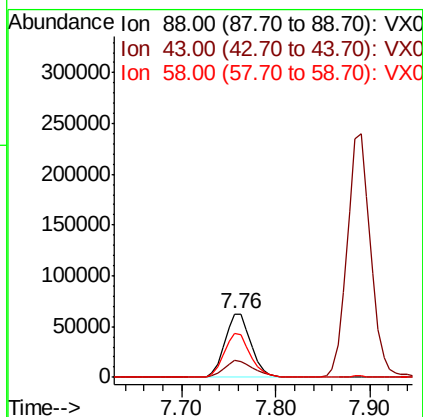
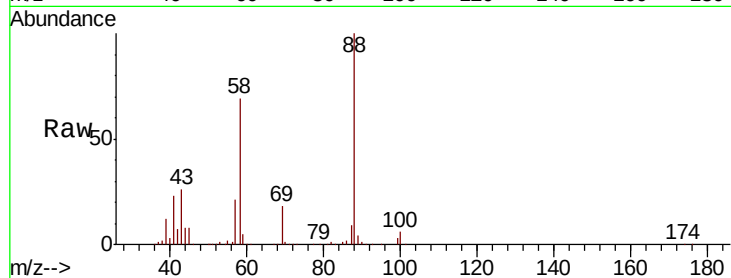




#49
1,4-Dioxane
Concen: 1054.05 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.00 min
Lab File: VX003893.D
Acq: 07 Aug 2018 20:59

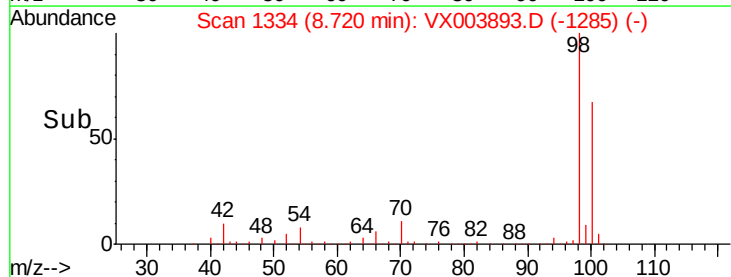
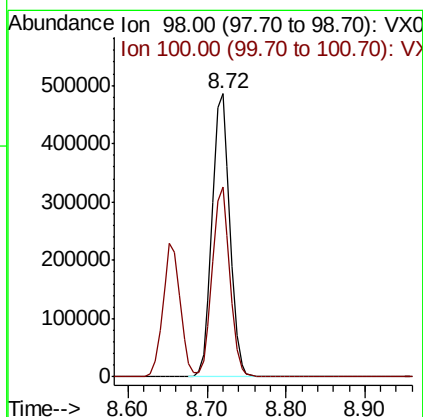
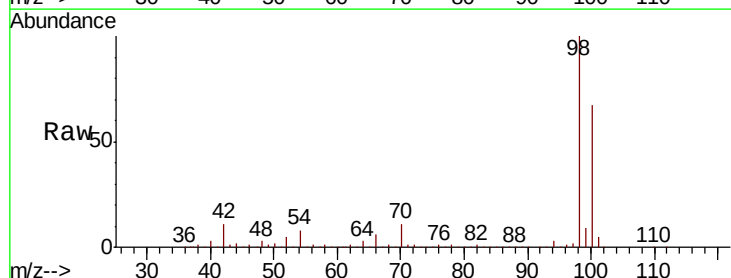
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

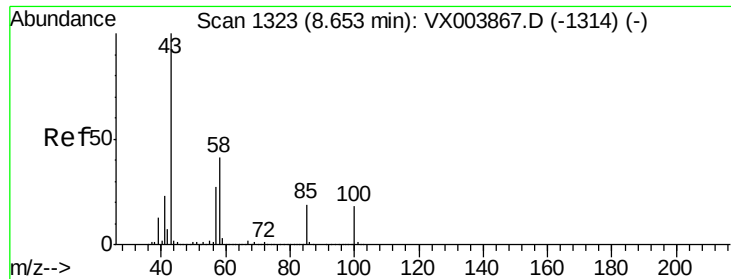
Tot Ion: 88 Resp: 120129
Ion Ratio Lower Upper
88 100
43 29.6 23.8 35.8
58 69.7 55.4 83.0



#50
Toluene-d8
Concen: 50.42 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX003893.D
Acq: 07 Aug 2018 20:59

Tgt Ion: 98 Resp: 762528
Ion Ratio Lower Upper
98 100
100 66.7 53.3 79.9





#51

4-Methyl-2-Pentanone

Concen: 254.96 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX003893.D

Acq: 07 Aug 2018 20:59

Instrument :

MSVOA_X

ClientSampleId :

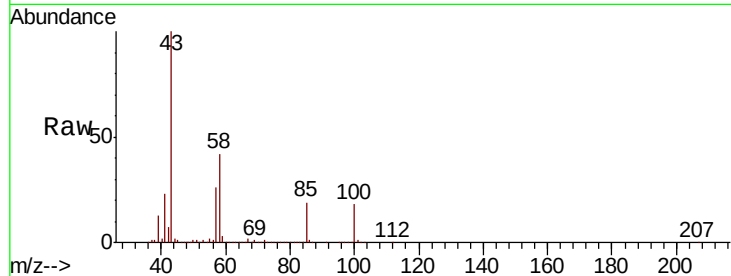
VSTDCCC050EC

Tot Ion: 43 Resp: 2011333

Ion Ratio Lower Upper

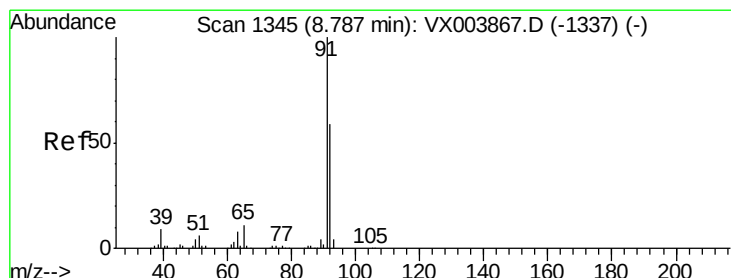
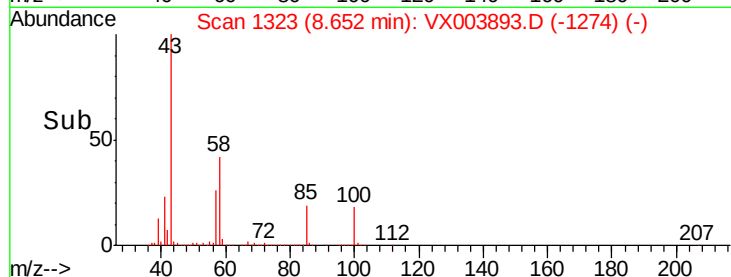
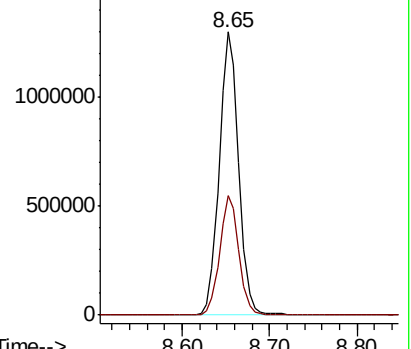
43 100

58 41.6 33.0 49.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 49.14 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX003893.D

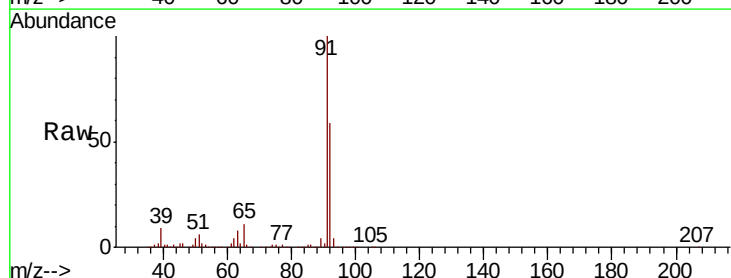
Acq: 07 Aug 2018 20:59

Tgt Ion: 92 Resp: 536005

Ion Ratio Lower Upper

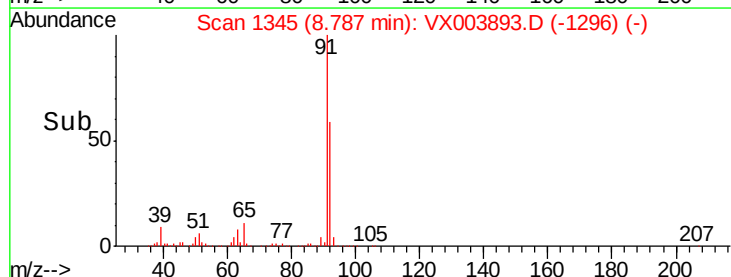
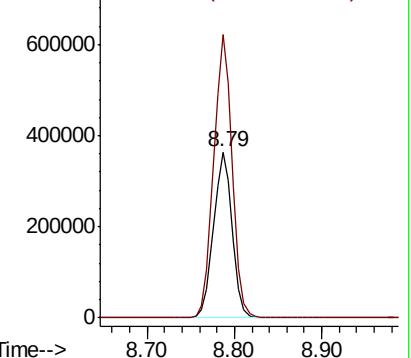
92 100

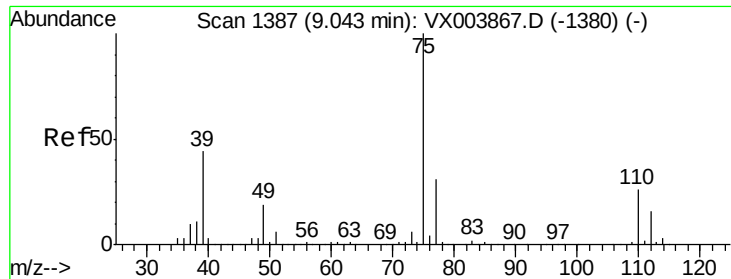
91 170.5 136.1 204.1



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

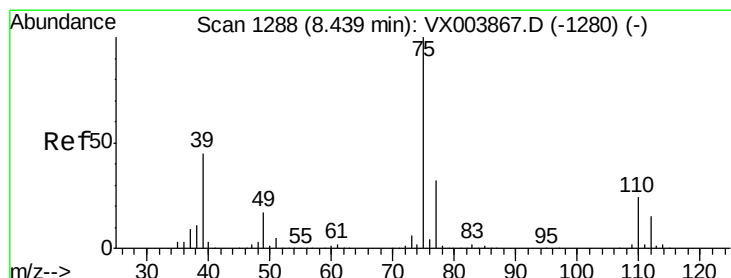
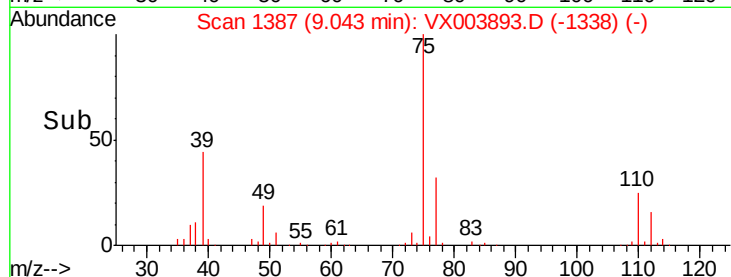
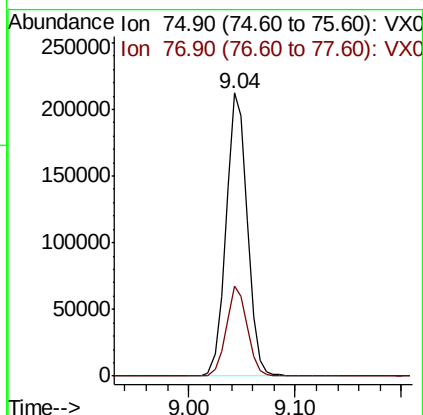
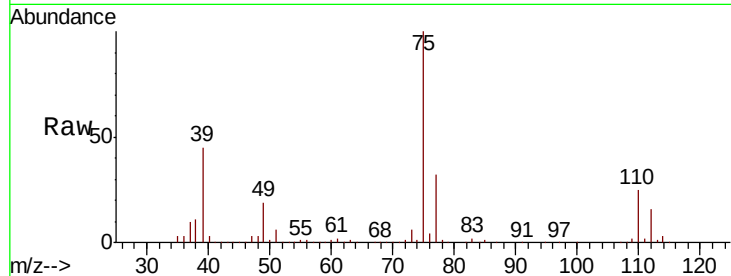




#53
 t-1,3-Dichloropropene
 Concen: 48.11 ug/l
 RT: 9.04 min Scan# 1387
 Delta R.T. -0.00 min
 Lab File: VX003893.D
 Acq: 07 Aug 2018 20:59

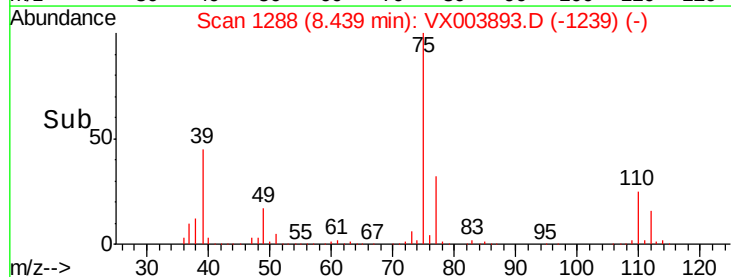
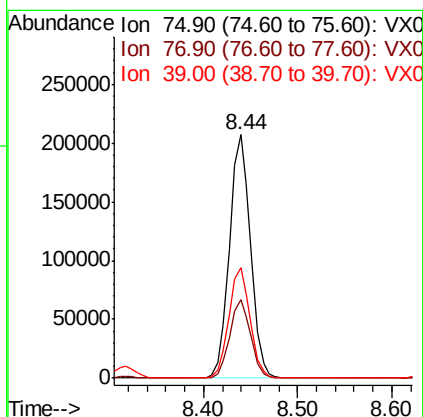
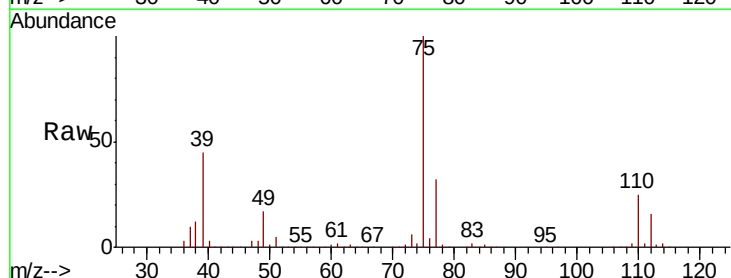
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

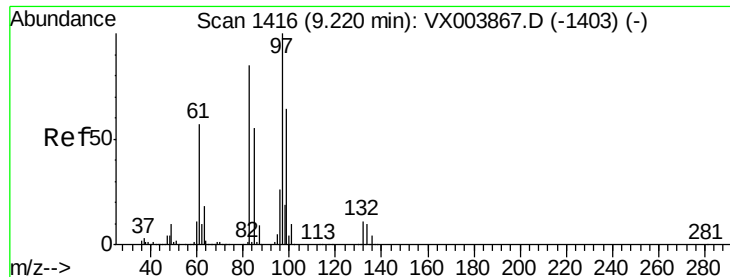
Tot Ion: 75 Resp: 296519
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 48.28 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. -0.00 min
 Lab File: VX003893.D
 Acq: 07 Aug 2018 20:59

Tgt Ion: 75 Resp: 320826
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.3 37.9
 39 45.1 36.2 54.2

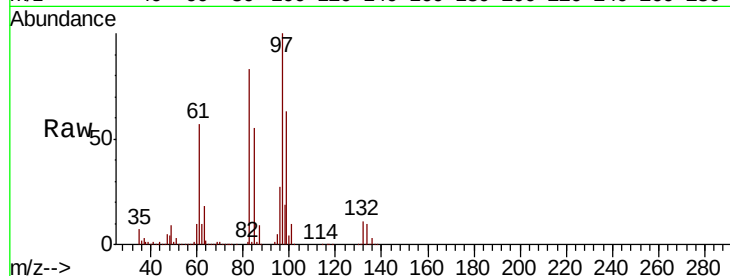




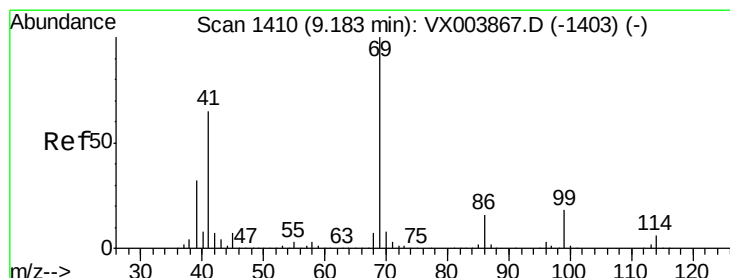
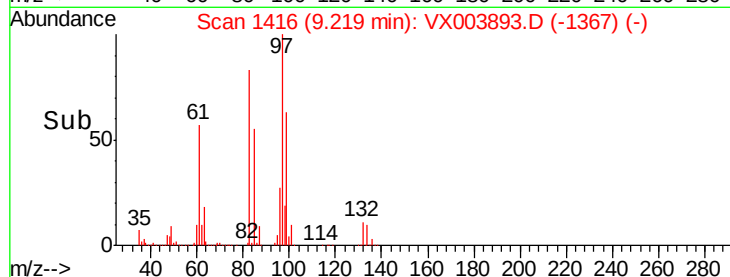
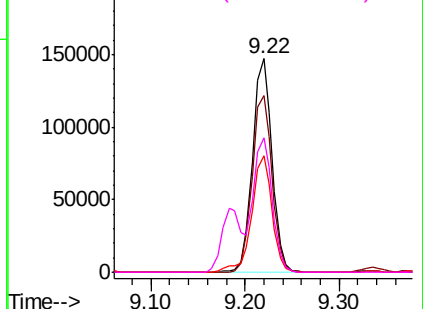
#55
 1,1,2-Trichloroethane
 Concen: 48.22 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX003893.D
 Acq: 07 Aug 2018 20:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	214968
Ion	Ratio	Lower	Upper
97	100		
83	82.9	67.8	101.6
85	54.7	44.2	66.2
99	62.8	50.8	76.2

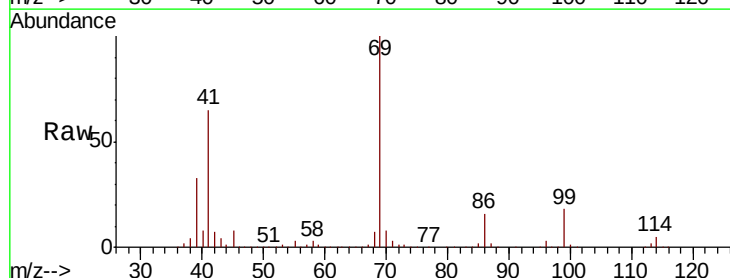


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

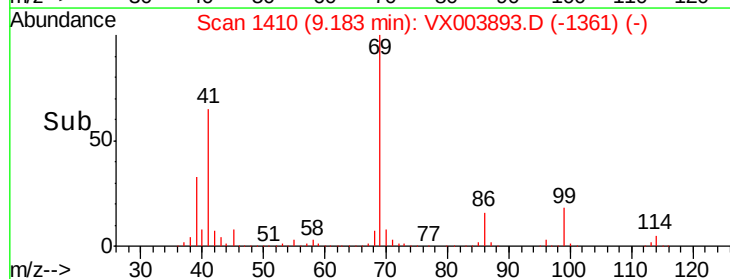
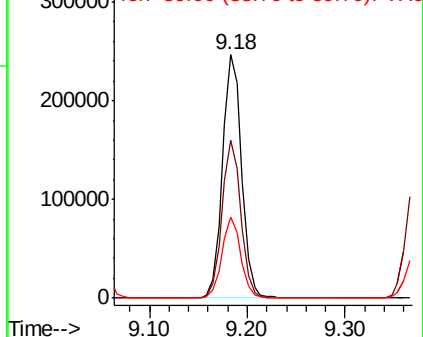


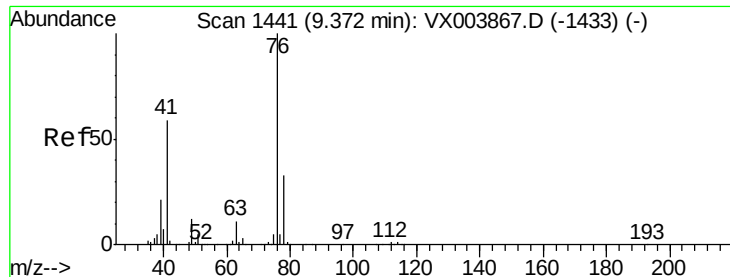
#56
 Ethyl methacrylate
 Concen: 51.70 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX003893.D
 Acq: 07 Aug 2018 20:59

Tgt Ion:	69	Resp:	334349
Ion	Ratio	Lower	Upper
69	100		
41	63.7	50.6	76.0
39	32.3	25.8	38.6



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

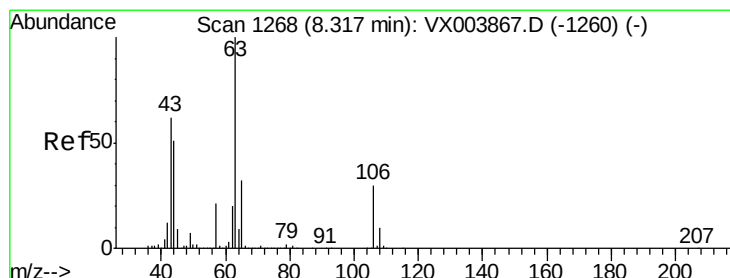
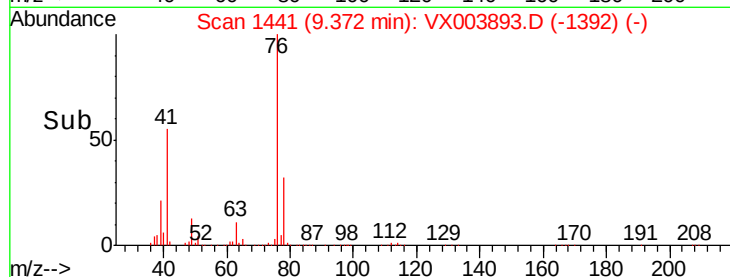
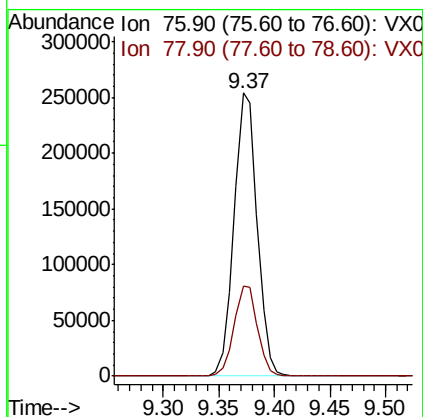
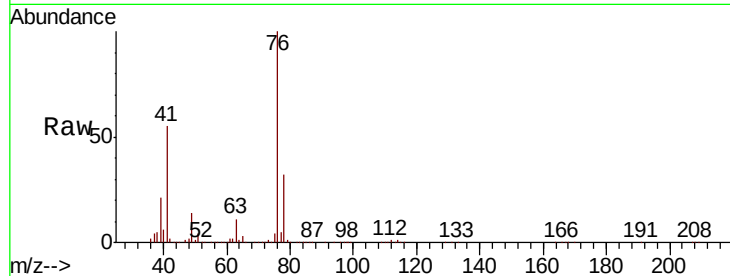




#57
 1,3-Dichloropropane
 Concen: 48.97 ug/l
 RT: 9.37 min Scan# 1441
 Delta R.T. -0.00 min
 Lab File: VX003893.D
 Acq: 07 Aug 2018 20:59

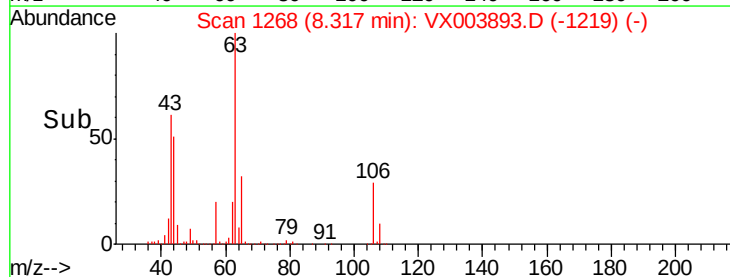
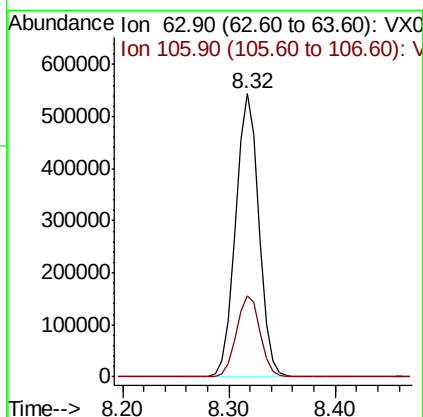
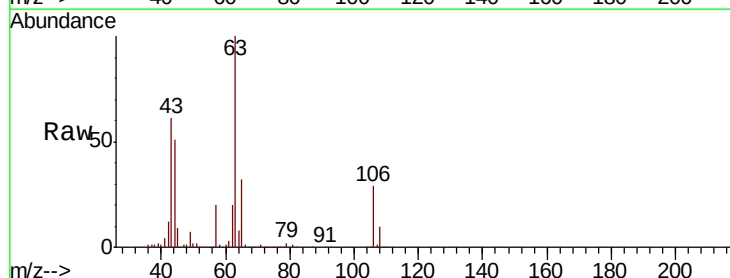
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

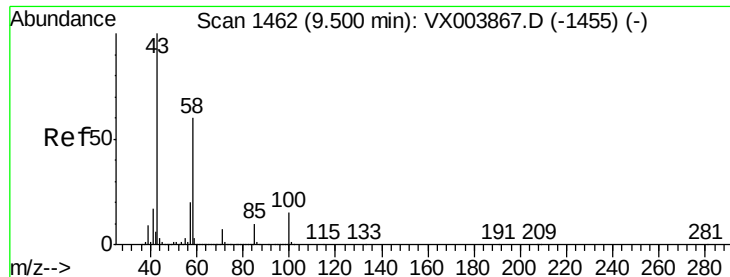
Tot Ion: 76 Resp: 365314
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 263.05 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VX003893.D
 Acq: 07 Aug 2018 20:59

Tgt Ion: 63 Resp: 836594
 Ion Ratio Lower Upper
 63 100
 106 29.2 23.8 35.8

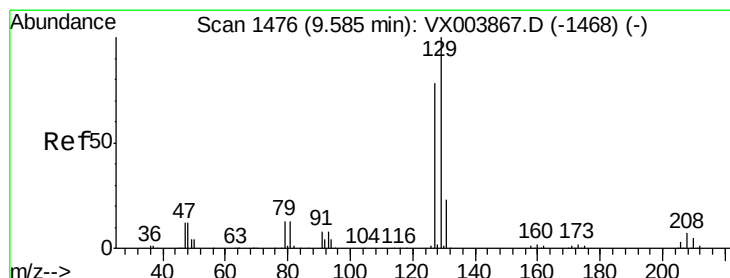
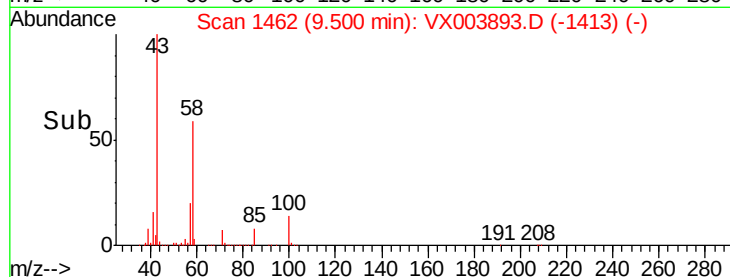
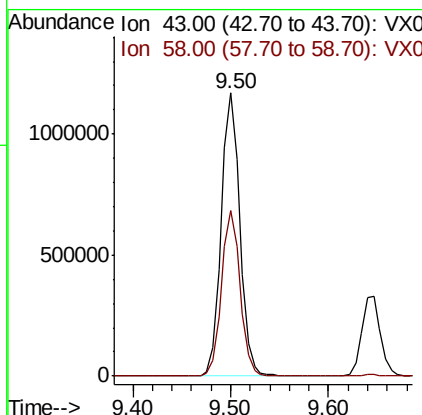
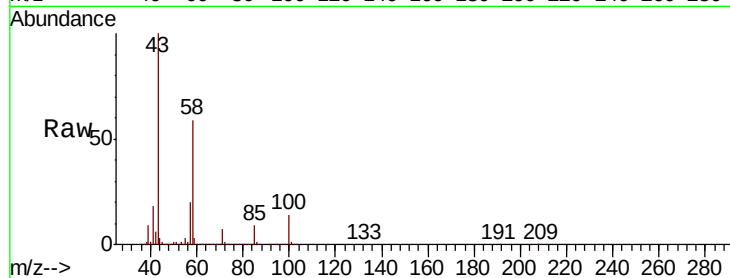




#59
2-Hexanone
Concen: 262.52 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX003893.D
Acq: 07 Aug 2018 20:59

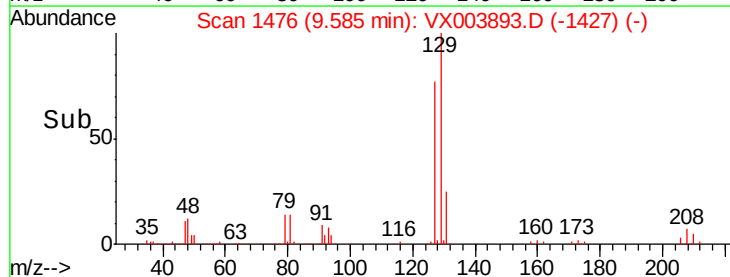
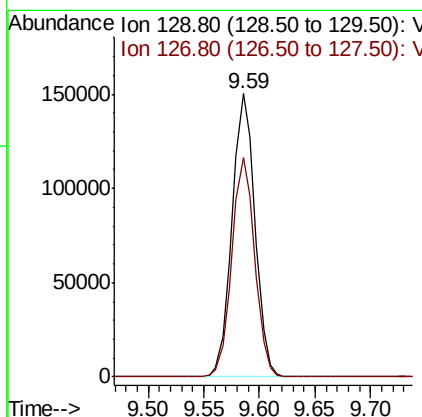
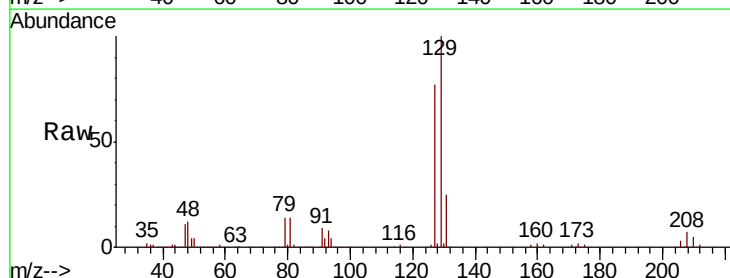
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

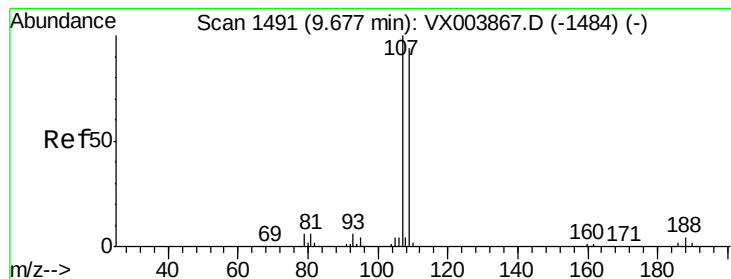
Tot Ion: 43 Resp: 1548082
Ion Ratio Lower Upper
43 100
58 58.4 29.0 87.0



#60
Dibromochloromethane
Concen: 51.57 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX003893.D
Acq: 07 Aug 2018 20:59

Tgt Ion: 129 Resp: 214328
Ion Ratio Lower Upper
129 100
127 77.4 38.8 116.3





#61

1,2-Dibromoethane

Concen: 50.27 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX003893.D

Acq: 07 Aug 2018 20:59

Instrument :

MSVOA_X

ClientSampleId :

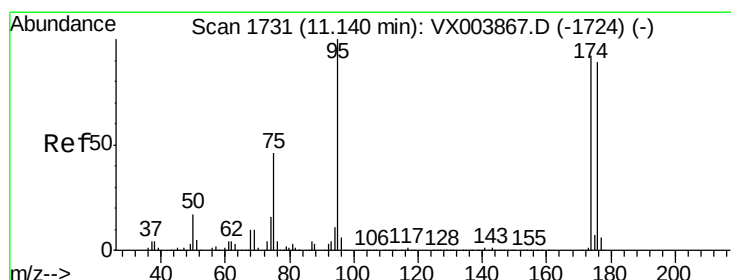
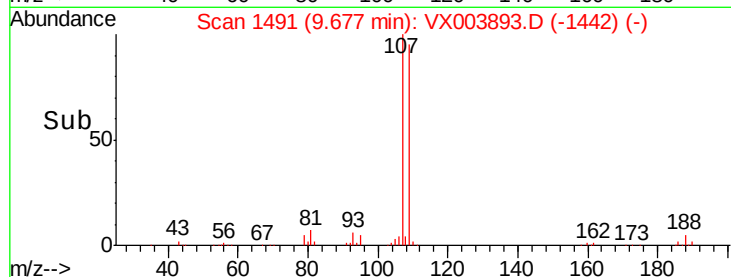
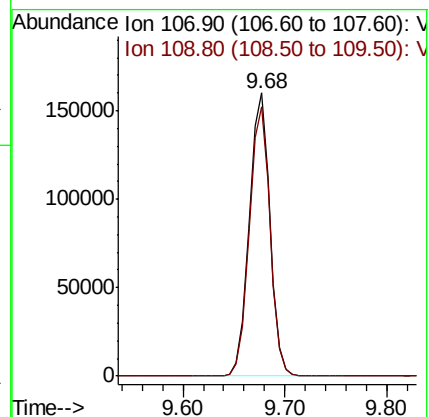
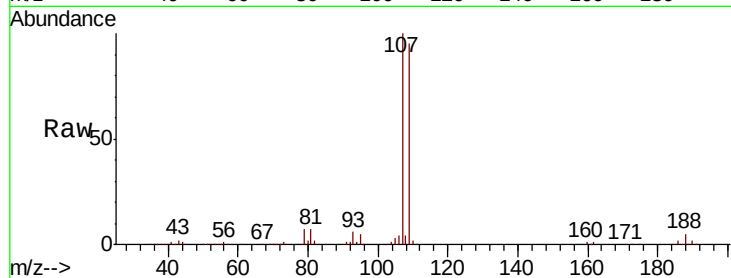
VSTDCCC050EC

Tot Ion:107 Resp: 224346

Ion Ratio Lower Upper

107 100

109 95.6 75.8 113.8



#62

4-Bromofluorobenzene

Concen: 58.15 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX003893.D

Acq: 07 Aug 2018 20:59

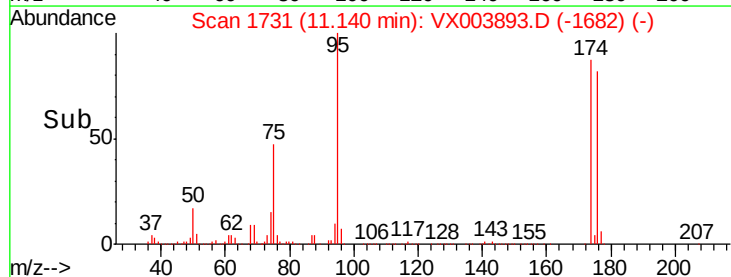
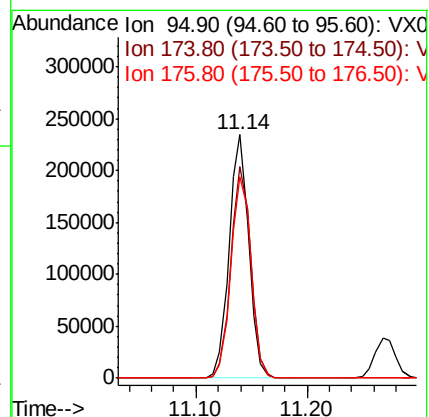
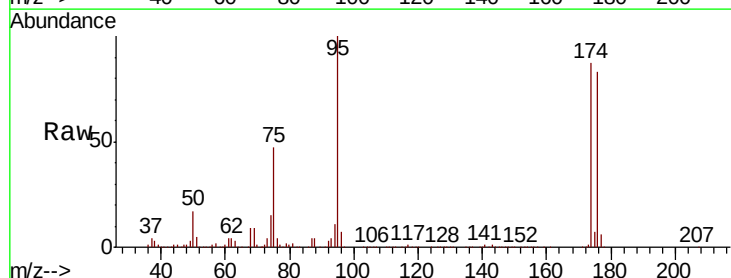
Tgt Ion: 95 Resp: 284550

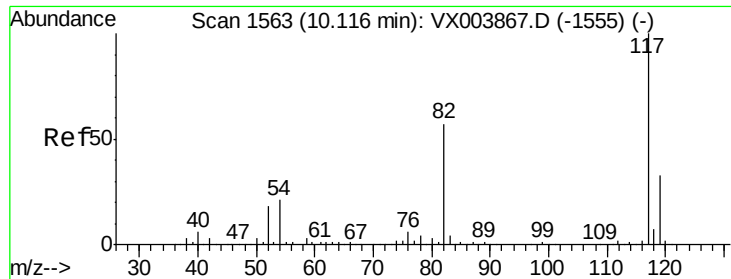
Ion Ratio Lower Upper

95 100

174 88.8 0.0 182.8

176 85.8 0.0 179.0

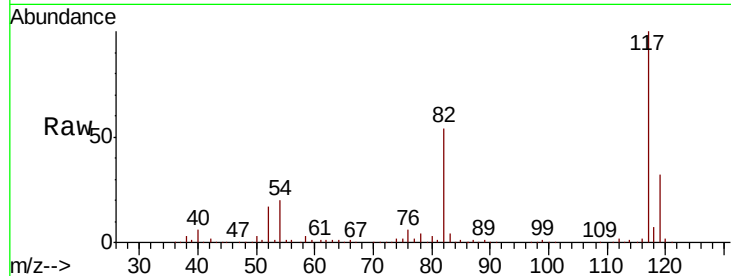




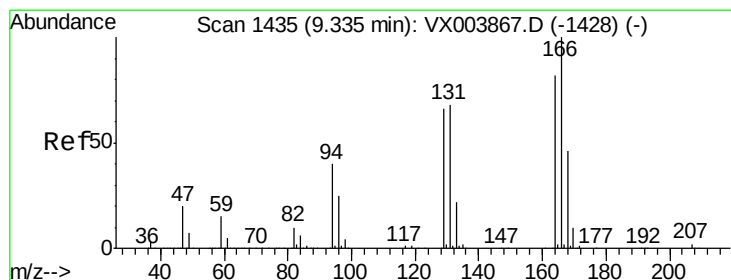
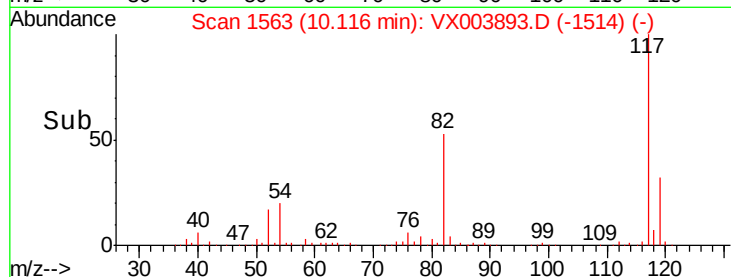
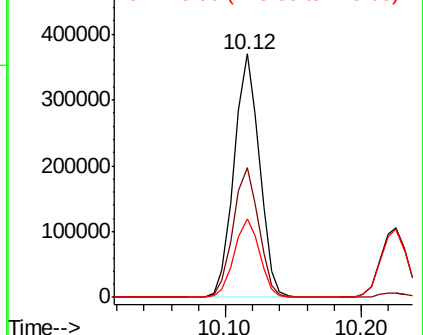
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003893.D
Acq: 07 Aug 2018 20:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 480546
Ion Ratio Lower Upper
117 100
82 53.5 45.4 68.0
119 32.2 26.6 40.0

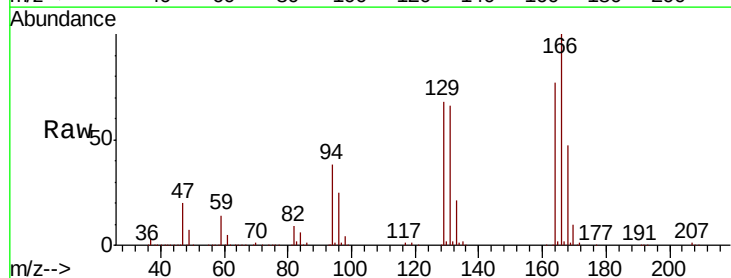


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

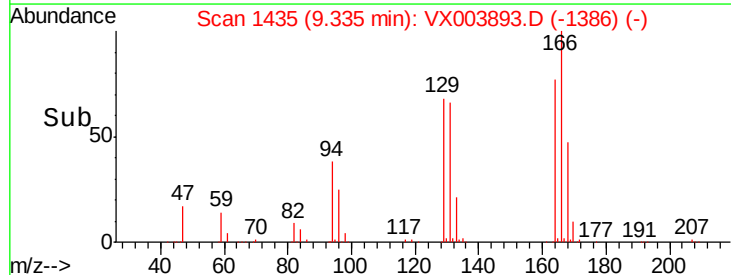
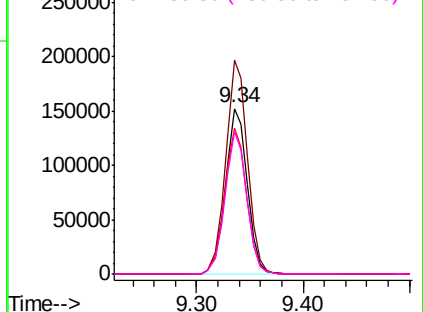


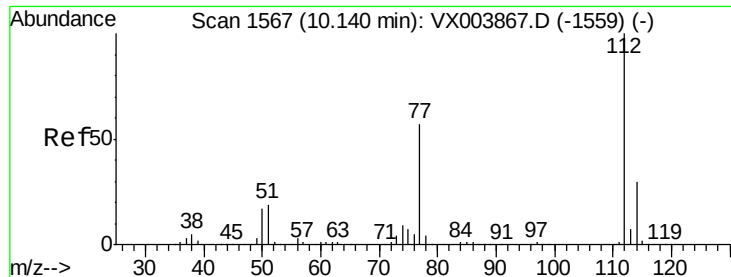
#64
Tetrachloroethene
Concen: 46.07 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX003893.D
Acq: 07 Aug 2018 20:59

Tgt Ion:164 Resp: 217791
Ion Ratio Lower Upper
164 100
166 129.0 98.0 147.0
129 88.4 64.3 96.5
131 85.6 66.8 100.2



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





#65

Chlorobenzene

Concen: 47.92 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VX003893.D

Acq: 07 Aug 2018 20:59

Instrument :

MSVOA_X

ClientSampleId :

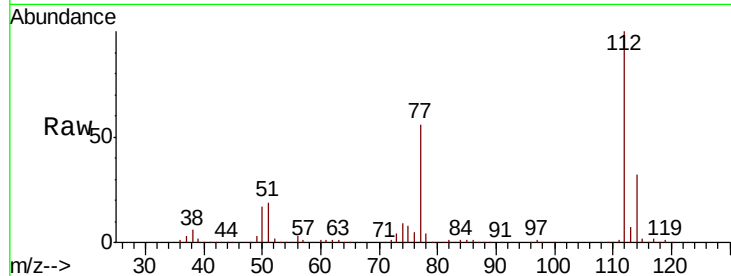
VSTDCCC050EC

Tot Ion:112 Resp: 599209

Ion Ratio Lower Upper

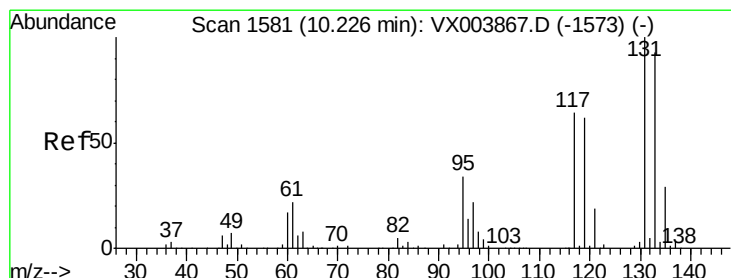
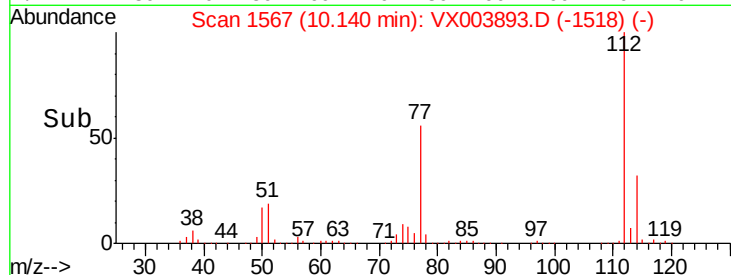
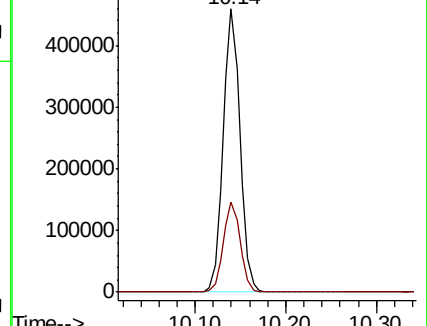
112 100

114 31.6 23.6 35.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 49.69 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX003893.D

Acq: 07 Aug 2018 20:59

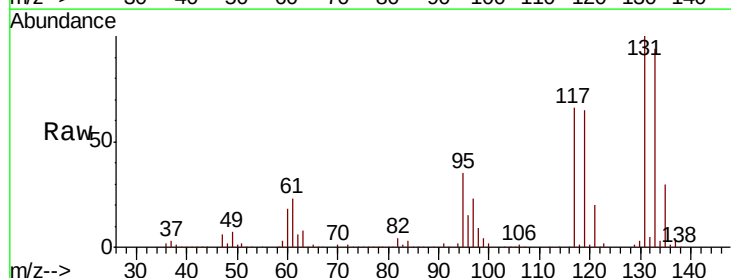
Tgt Ion:131 Resp: 213585

Ion Ratio Lower Upper

131 100

133 94.6 47.3 141.8

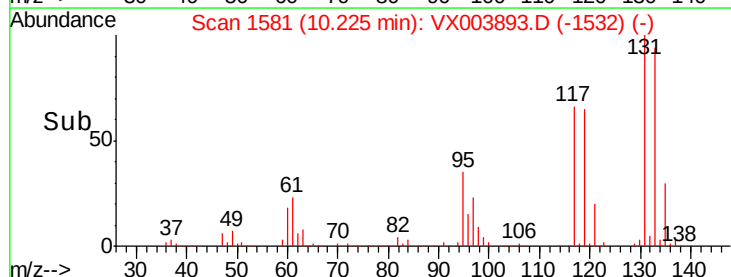
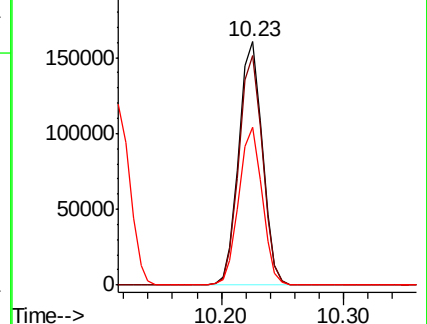
119 64.5 31.6 94.8

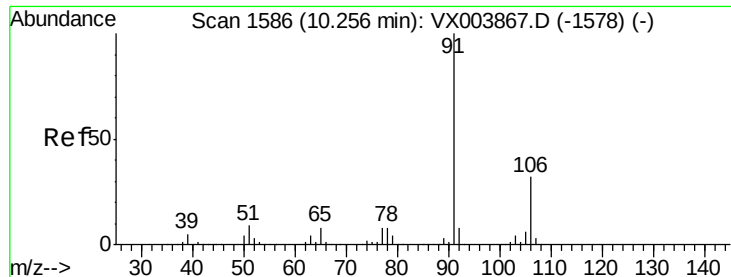


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

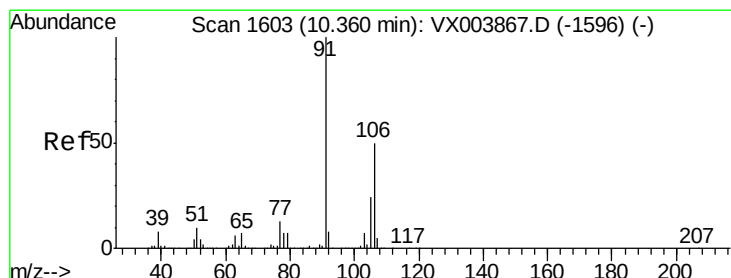
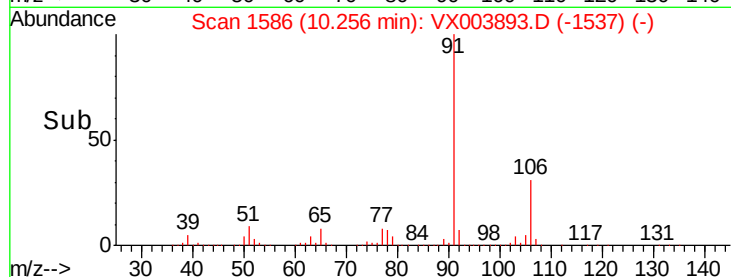
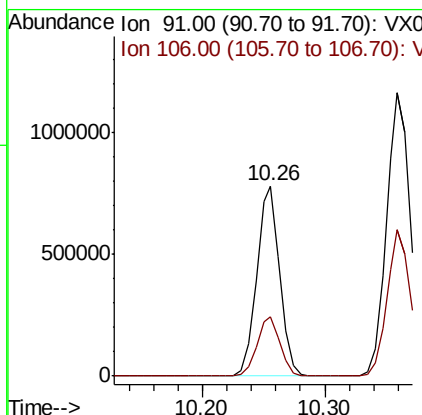
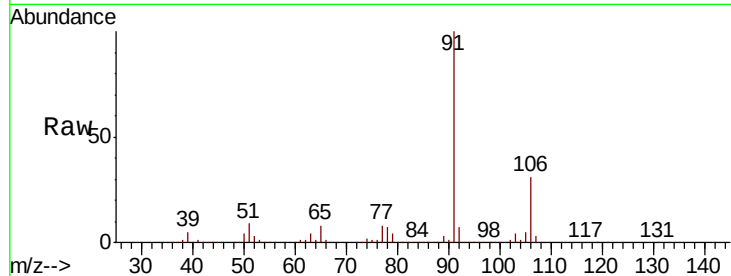




#67
Ethyl Benzene
Concen: 49.84 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX003893.D
Acq: 07 Aug 2018 20:59

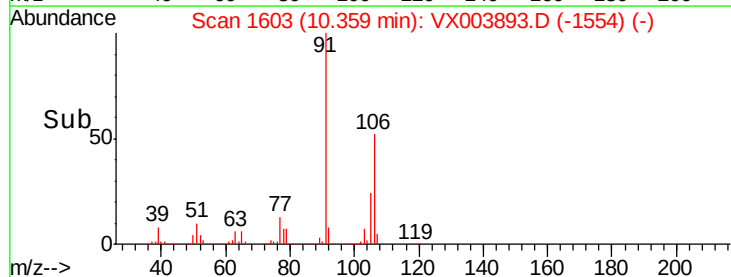
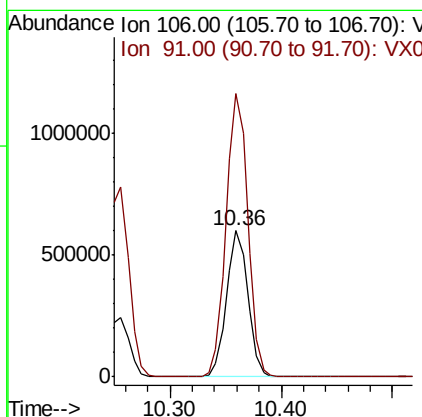
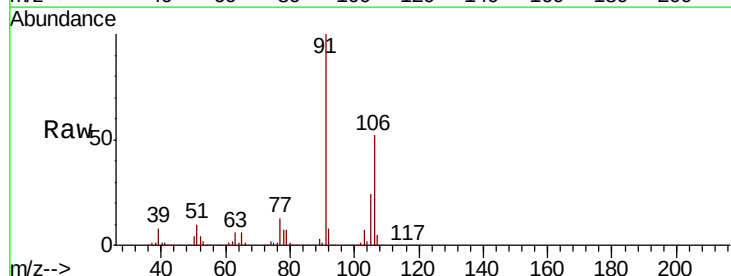
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

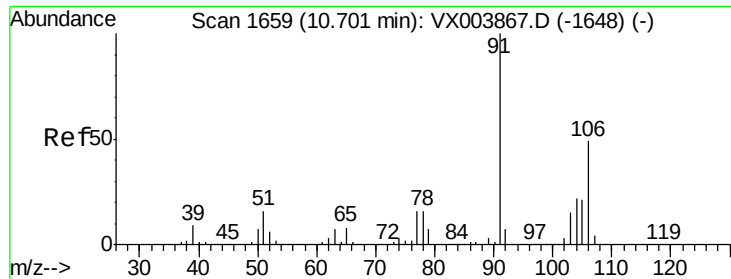
Tot Ion: 91 Resp: 1020135
Ion Ratio Lower Upper
91 100
106 31.4 25.9 38.9



#68
m/p-Xylenes
Concen: 99.61 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX003893.D
Acq: 07 Aug 2018 20:59

Tgt Ion: 106 Resp: 796638
Ion Ratio Lower Upper
106 100
91 197.8 162.3 243.5

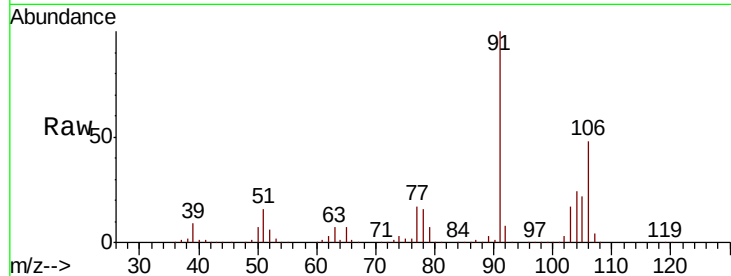




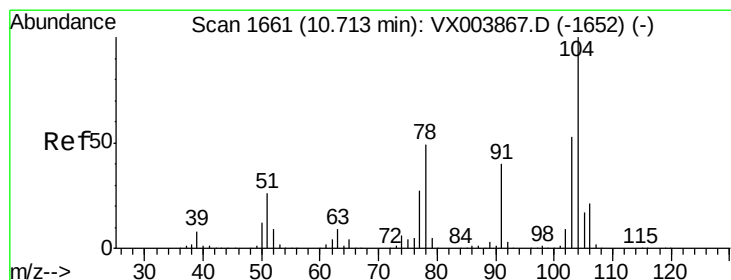
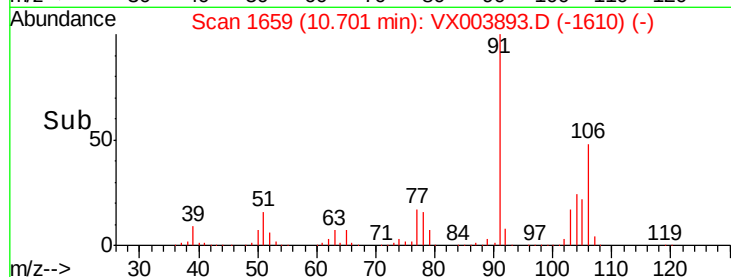
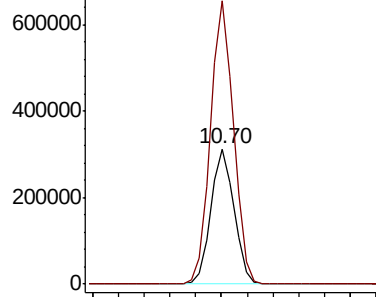
#69
o-Xylene
Concen: 51.48 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX003893.D
Acq: 07 Aug 2018 20:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 388705
Ion Ratio Lower Upper
106 100
91 208.8 101.9 305.7

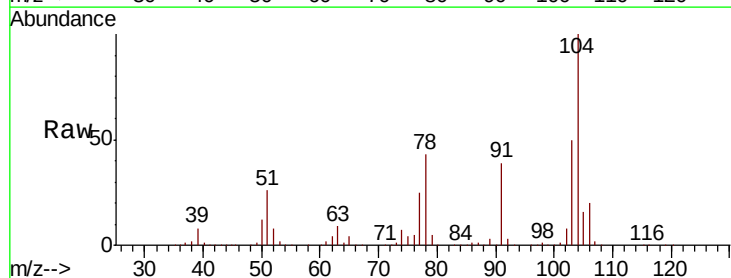


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

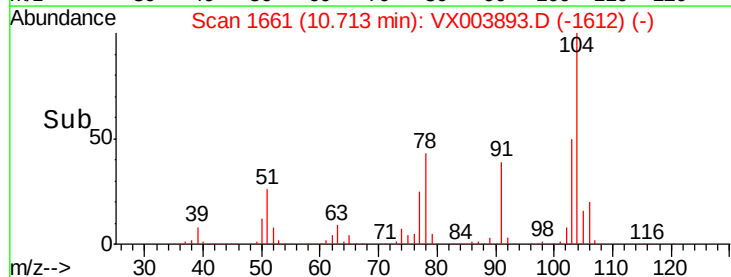
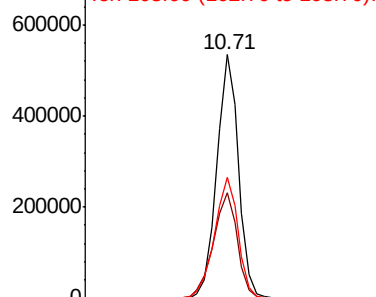


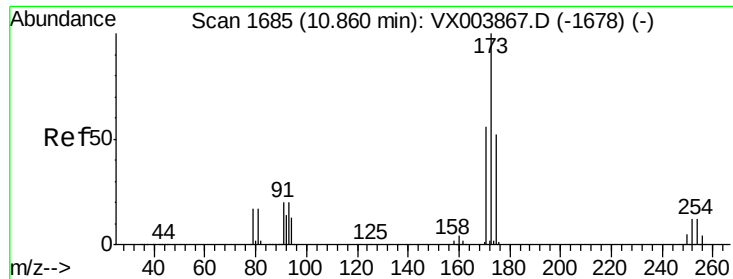
#70
Styrene
Concen: 53.07 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX003893.D
Acq: 07 Aug 2018 20:59

Tgt Ion:104 Resp: 655964
Ion Ratio Lower Upper
104 100
78 47.7 39.8 59.6
103 54.2 44.3 66.5



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

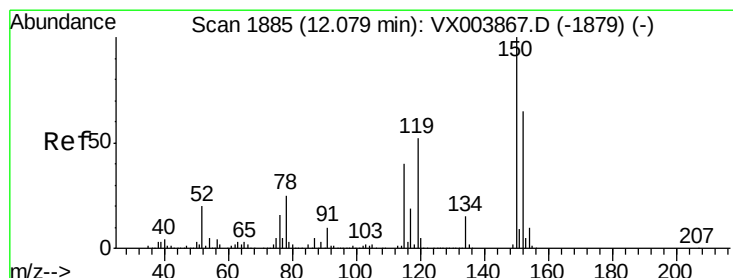
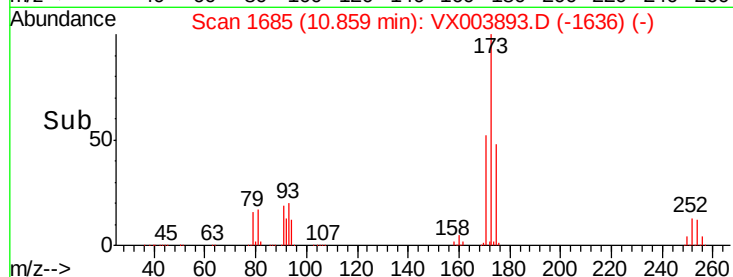
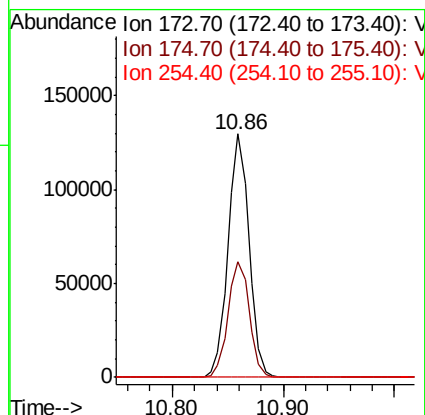
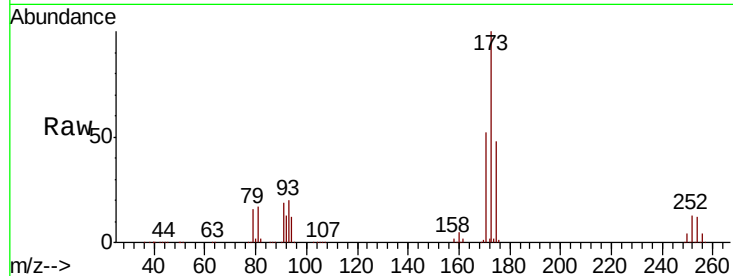




#71
Bromoform
Concen: 46.60 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX003893.D
Acq: 07 Aug 2018 20:59

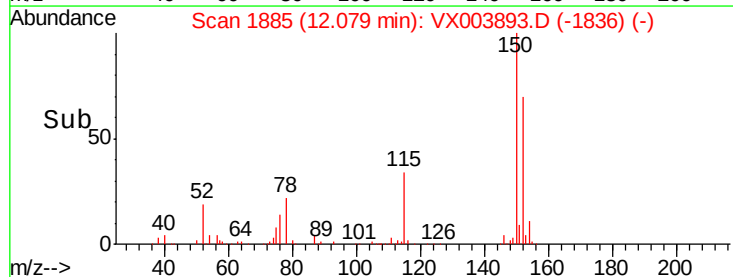
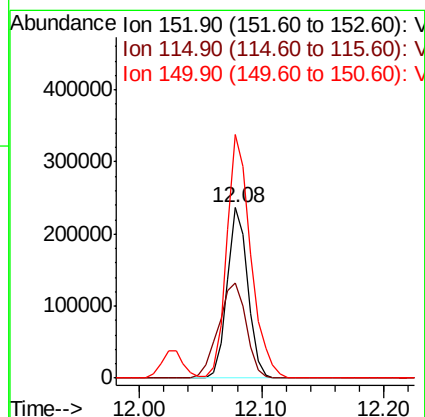
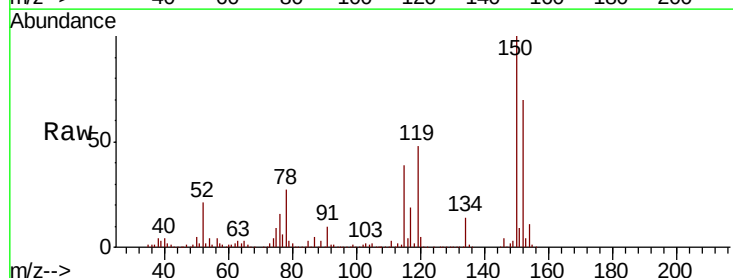
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

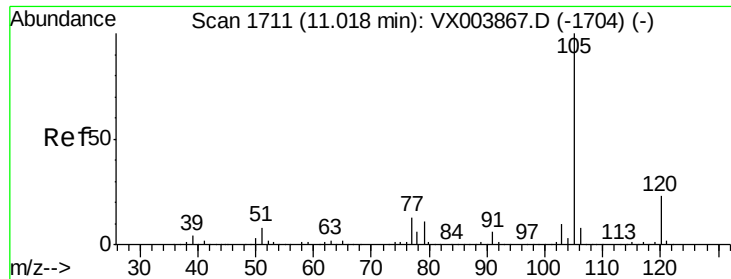
Tot Ion:173 Resp: 169068
Ion Ratio Lower Upper
173 100
175 48.5 24.9 74.7
254 0.2 0.2 0.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX003893.D
Acq: 07 Aug 2018 20:59

Tgt Ion:152 Resp: 273365
Ion Ratio Lower Upper
152 100
115 75.8 39.1 117.3
150 166.2 0.0 349.2





#73

Isopropylbenzene

Concen: 51.36 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.00 min

Lab File: VX003893.D

Acq: 07 Aug 2018 20:59

Instrument :

MSVOA_X

ClientSampleId :

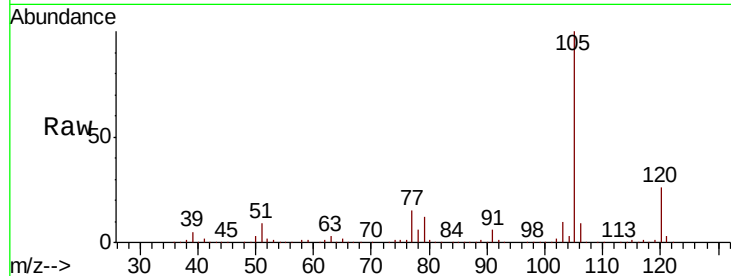
VSTDCCC050EC

Tot Ion:105 Resp: 1038590

Ion Ratio Lower Upper

105 100

120 26.8 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

800000

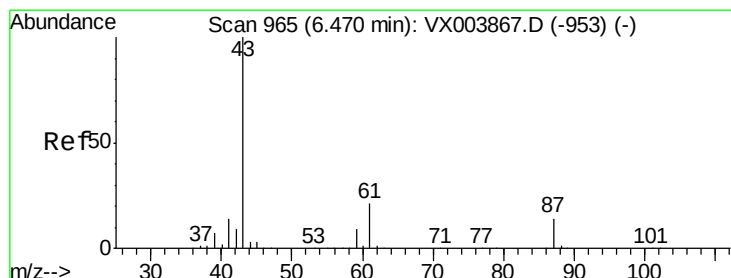
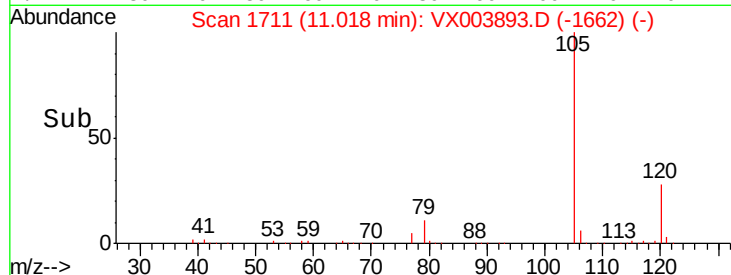
600000

400000

200000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 45.22 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX003893.D

Acq: 07 Aug 2018 20:59

Tgt Ion: 43 Resp: 475584

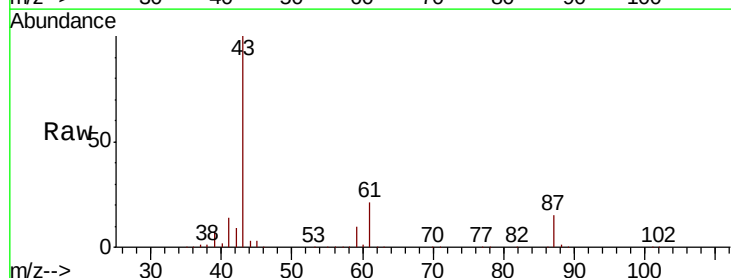
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0#

55 0.1 0.1 0.1

61 21.2 16.9 25.3



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

6.47

300000

250000

200000

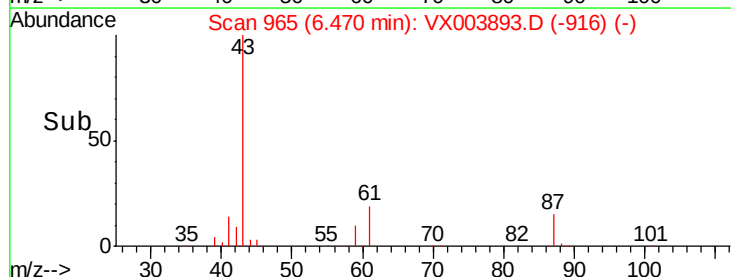
150000

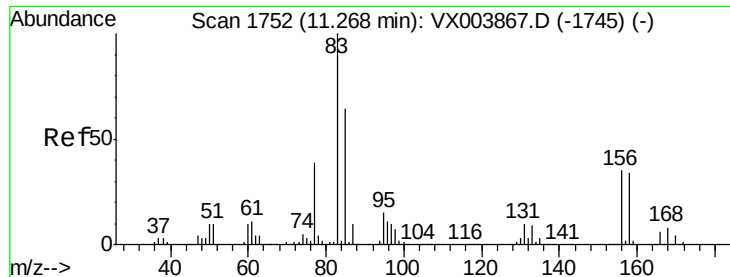
100000

50000

0

Time--> 6.40 6.50 6.60





#75

1,1,2,2-Tetrachloroethane

Concen: 49.29 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.00 min

Lab File: VX003893.D

Acq: 07 Aug 2018 20:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

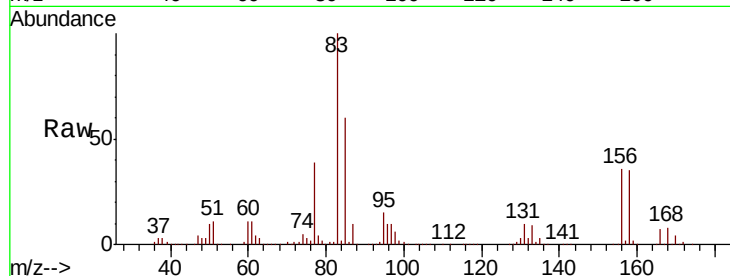
Tot Ion: 83 Resp: 341625

Ion Ratio Lower Upper

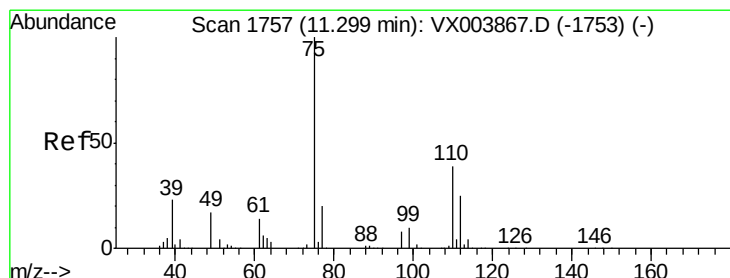
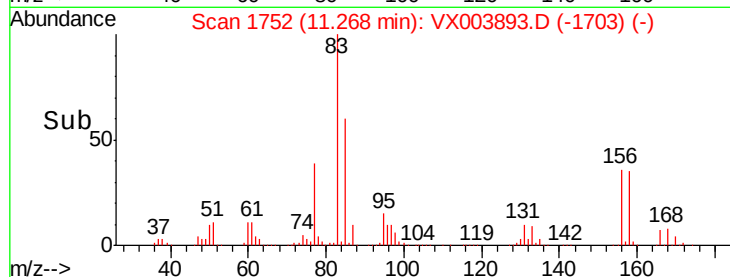
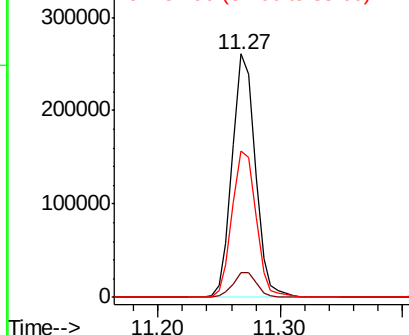
83 100

131 10.5 5.2 15.6

85 62.6 32.2 96.6



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: 63.20 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX003893.D

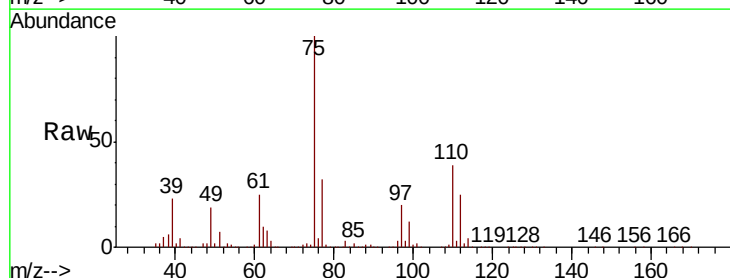
Acq: 07 Aug 2018 20:59

Tgt Ion: 75 Resp: 381590

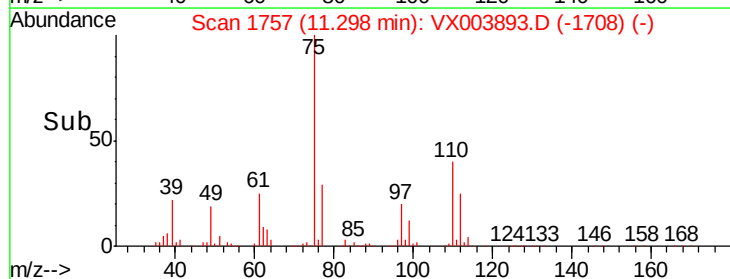
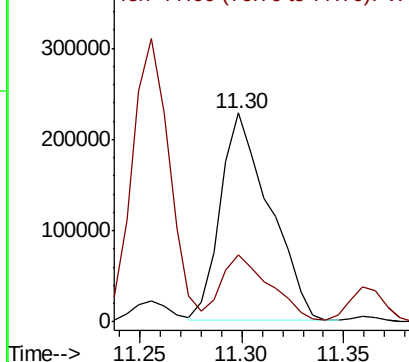
Ion Ratio Lower Upper

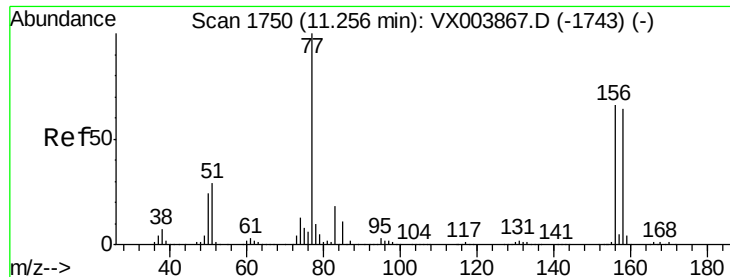
75 100

77 32.2 20.8 62.5



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.39 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX003893.D

Acq: 07 Aug 2018 20:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

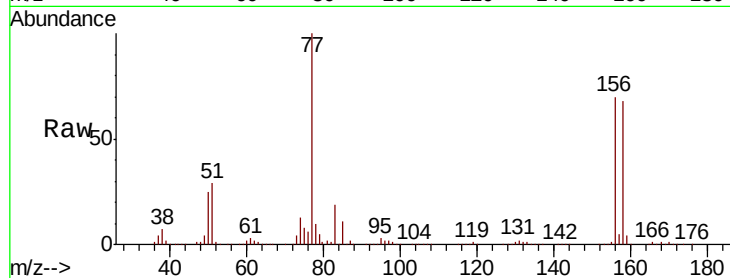
Tot Ion:156 Resp: 271835

Ion Ratio Lower Upper

156 100

77 145.2 74.1 222.2

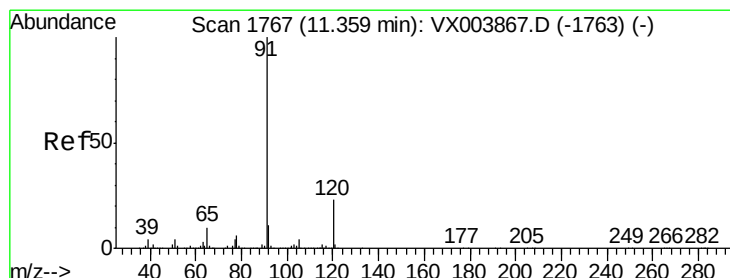
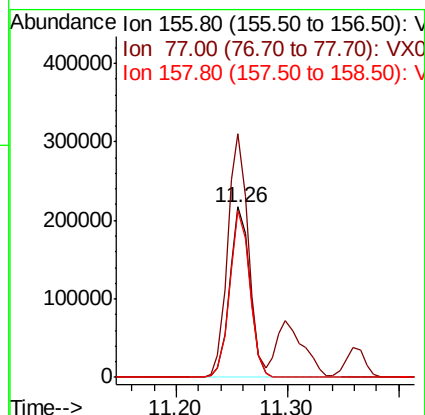
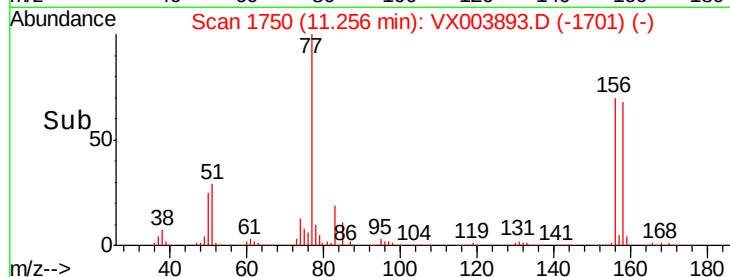
158 97.2 48.6 145.9



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: 52.08 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.00 min

Lab File: VX003893.D

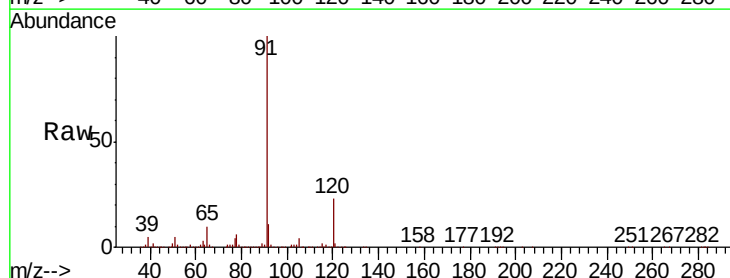
Acq: 07 Aug 2018 20:59

Tgt Ion: 91 Resp: 1182712

Ion Ratio Lower Upper

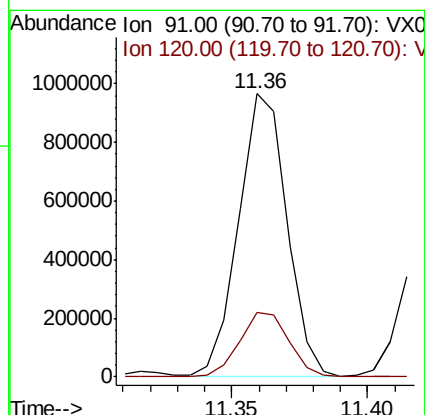
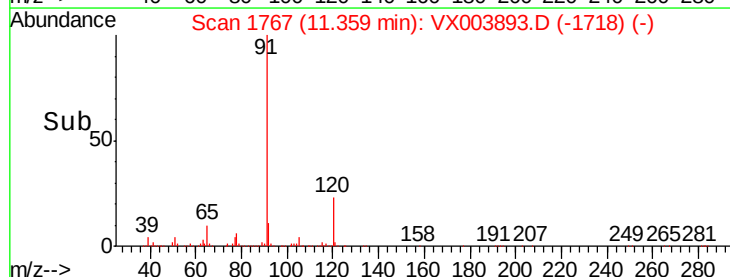
91 100

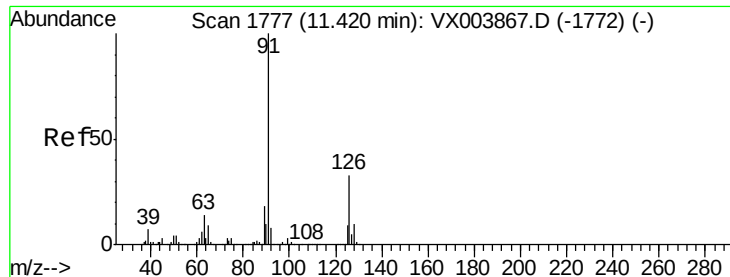
120 23.6 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

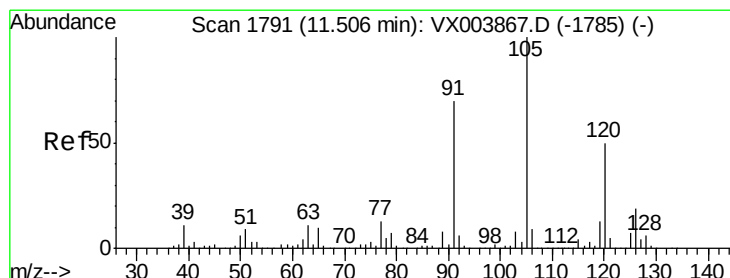
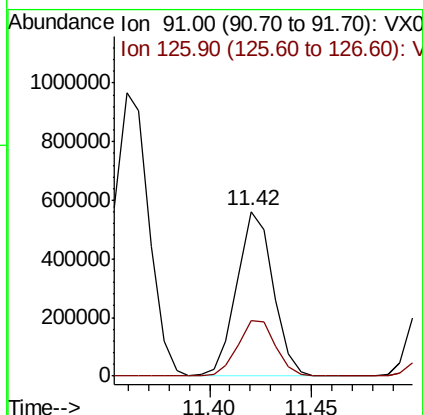
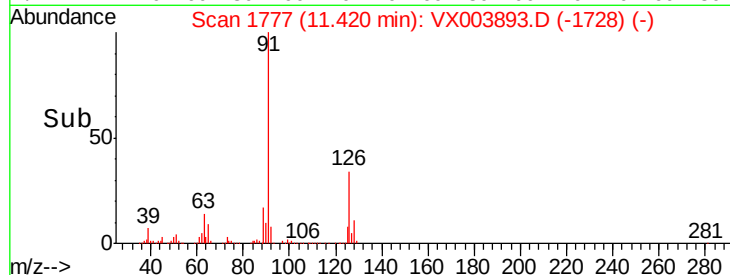
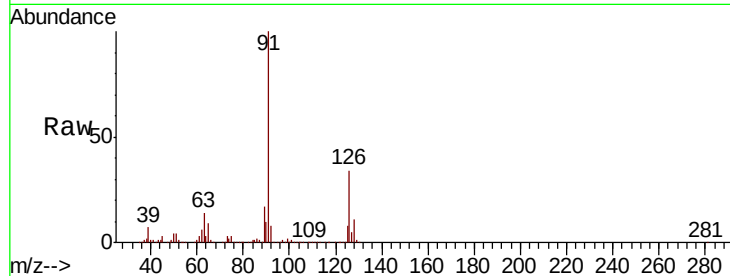




#79
 2-Chlorotoluene
 Concen: 49.96 ug/l
 RT: 11.42 min Scan# 1777
 Delta R.T. -0.00 min
 Lab File: VX003893.D
 Acq: 07 Aug 2018 20:59

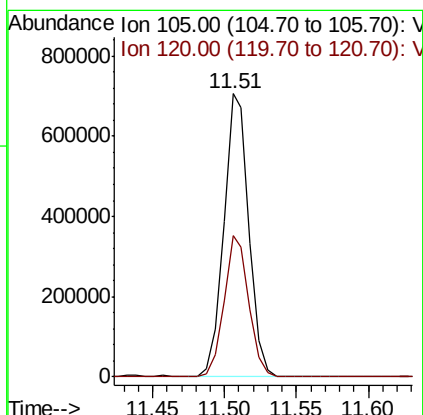
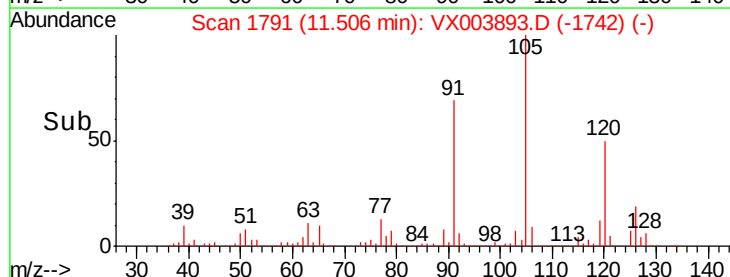
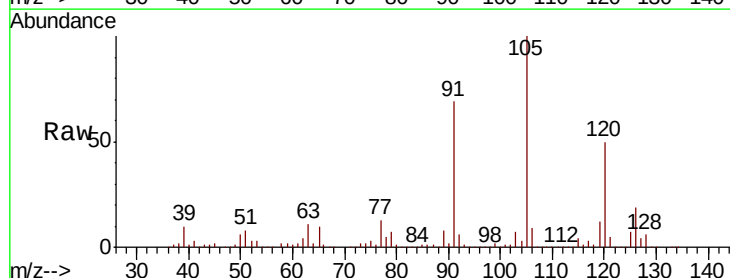
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

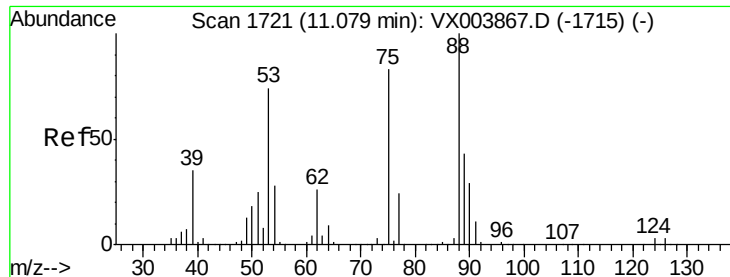
Tot Ion: 91 Resp: 691748
 Ion Ratio Lower Upper
 91 100
 126 35.3 17.4 52.3



#80
 1,3,5-Trimethylbenzene
 Concen: 52.06 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX003893.D
 Acq: 07 Aug 2018 20:59

Tgt Ion: 105 Resp: 858470
 Ion Ratio Lower Upper
 105 100
 120 49.6 25.4 76.2





#81

trans-1,4-Dichloro-2-butene

Concen: 42.78 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX003893.D

Acq: 07 Aug 2018 20:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

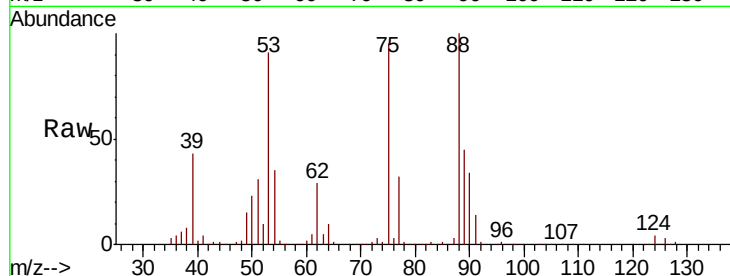
Tot Ion: 75 Resp: 94210

Ion Ratio Lower Upper

75 100

53 97.4 80.3 120.5

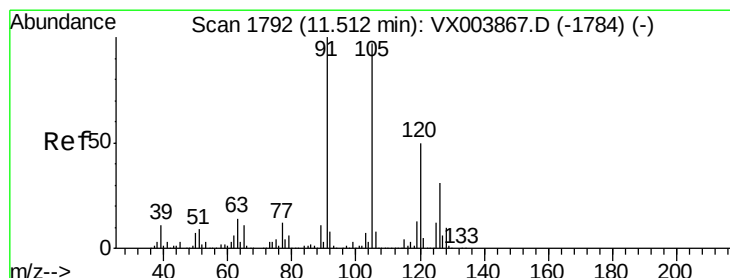
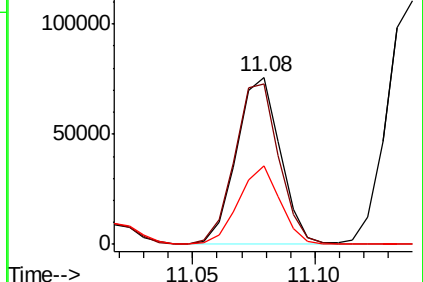
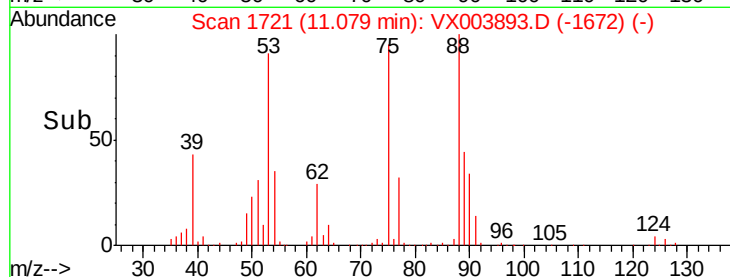
89 44.3 37.8 56.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 49.72 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX003893.D

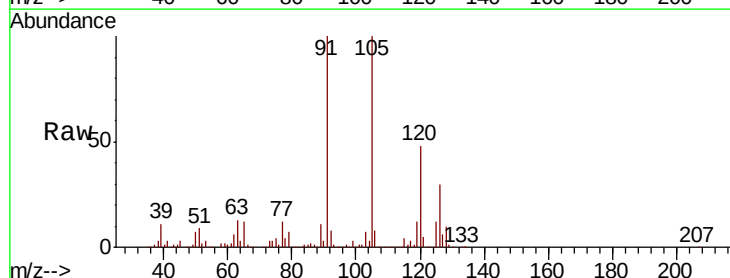
Acq: 07 Aug 2018 20:59

Tgt Ion: 91 Resp: 806492

Ion Ratio Lower Upper

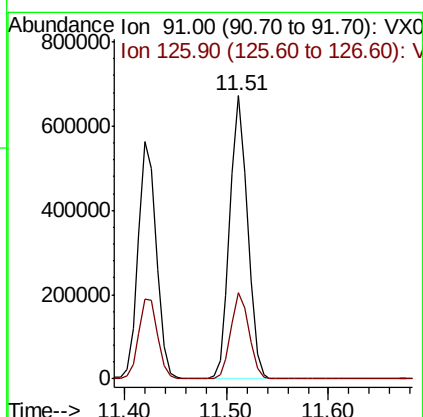
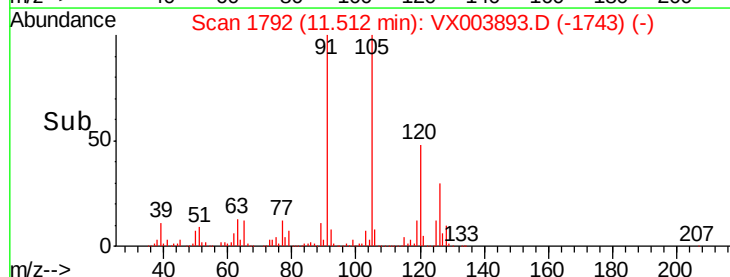
91 100

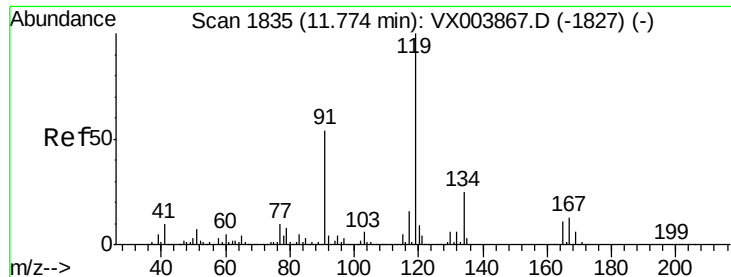
126 30.9 15.6 46.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

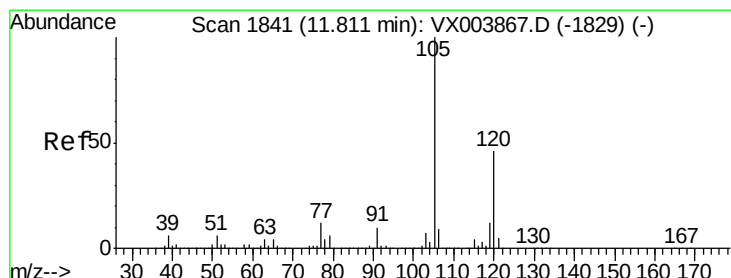
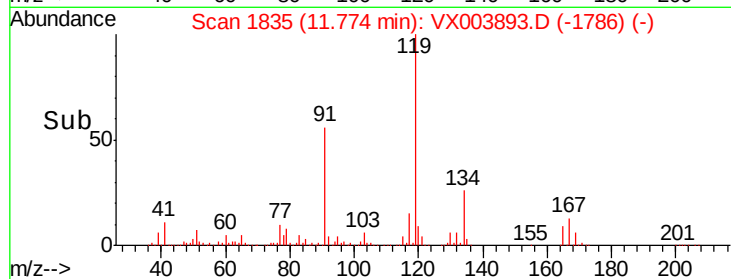
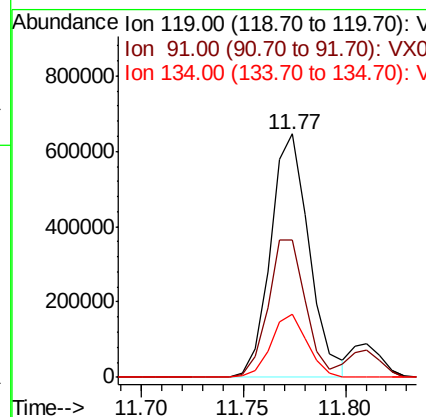
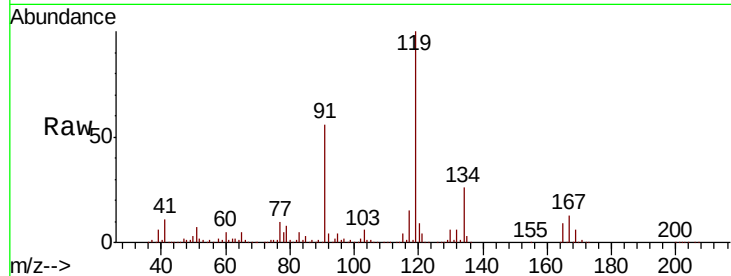




#83
 tert-Butylbenzene
 Concen: 52.64 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX003893.D
 Acq: 07 Aug 2018 20:59

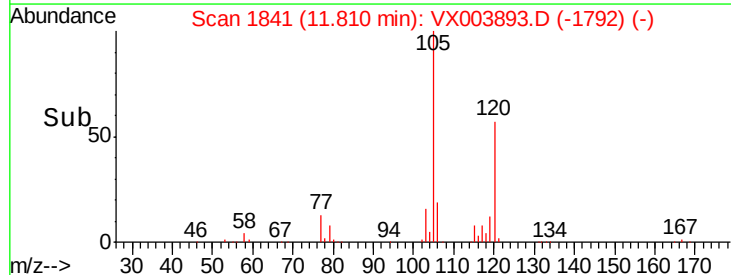
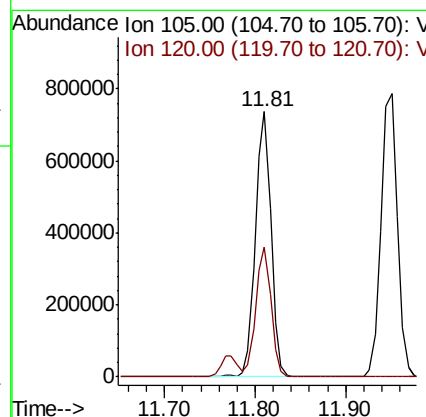
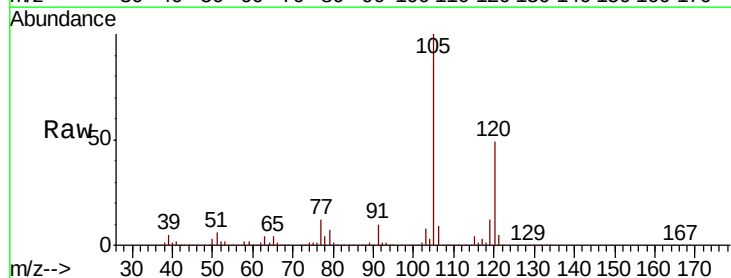
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

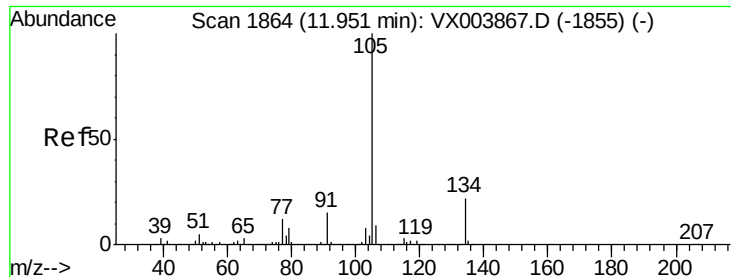
Tot Ion:119 Resp: 853929
 Ion Ratio Lower Upper
 119 100
 91 54.6 26.9 80.7
 134 24.3 12.0 36.0



#84
 1,2,4-Trimethylbenzene
 Concen: 53.03 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX003893.D
 Acq: 07 Aug 2018 20:59

Tgt Ion:105 Resp: 879283
 Ion Ratio Lower Upper
 105 100
 120 47.6 23.1 69.2





#85

sec-Butylbenzene

Concen: 51.52 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX003893.D

Acq: 07 Aug 2018 20:59

Instrument :

MSVOA_X

ClientSampleId :

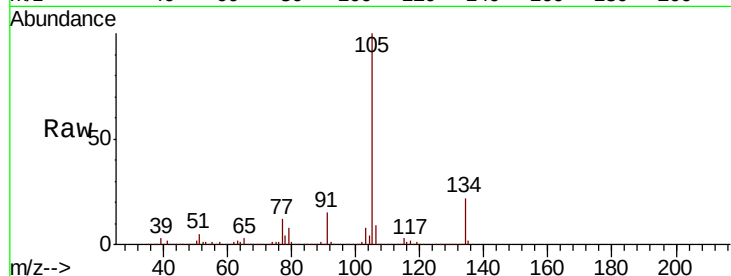
VSTDCCC050EC

Tot Ion:105 Resp: 986314

Ion Ratio Lower Upper

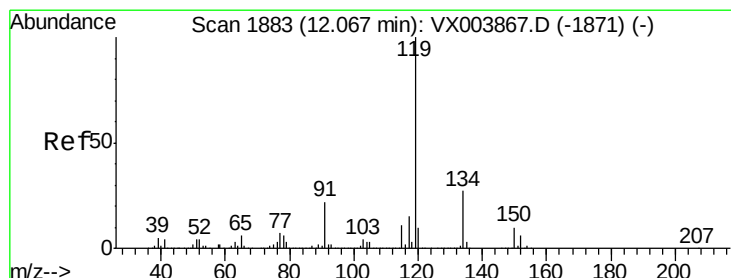
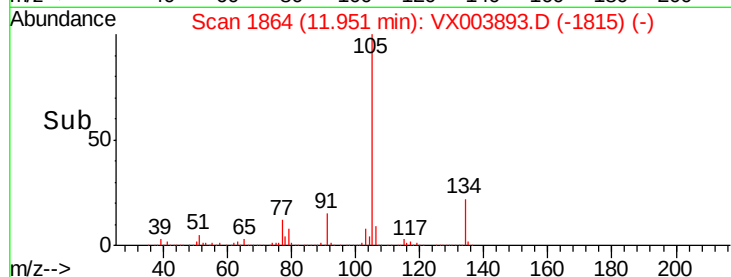
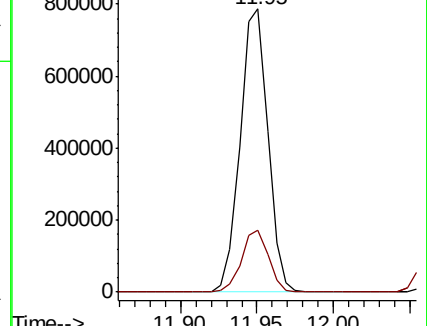
105 100

134 21.3 10.3 30.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 48.80 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX003893.D

Acq: 07 Aug 2018 20:59

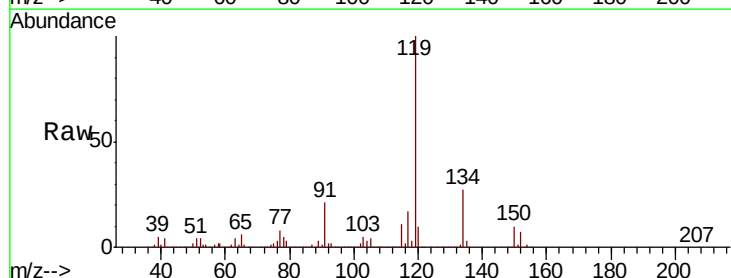
Tgt Ion:119 Resp: 838381

Ion Ratio Lower Upper

119 100

134 26.7 13.3 39.8

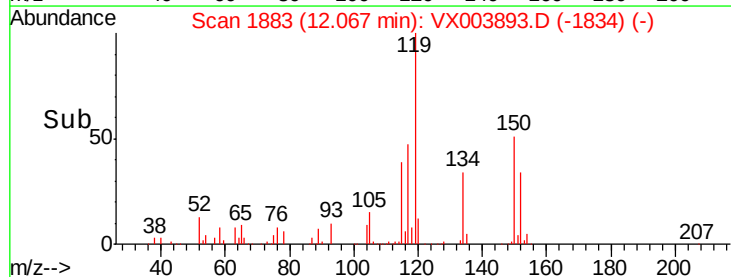
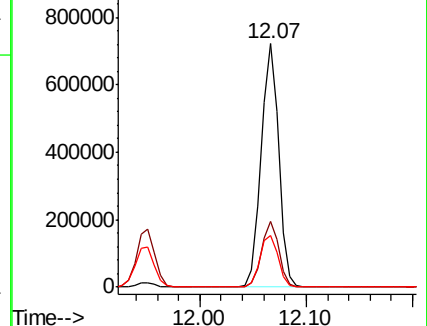
91 22.2 10.9 32.7

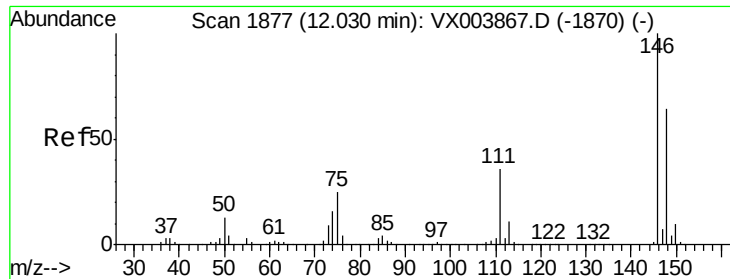


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

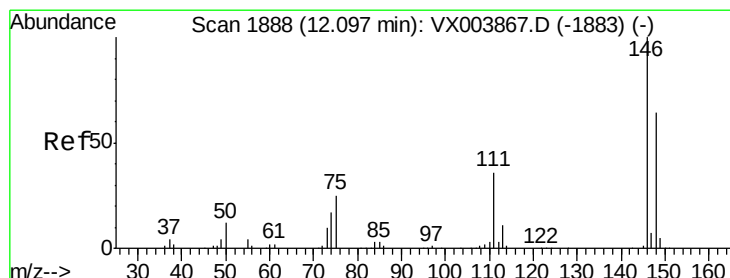
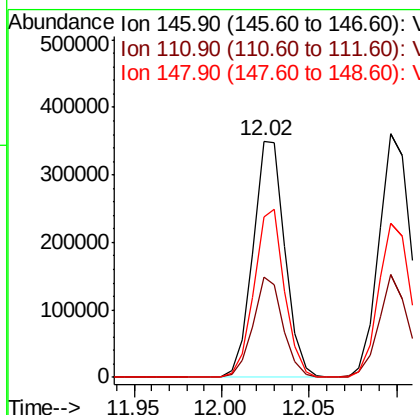
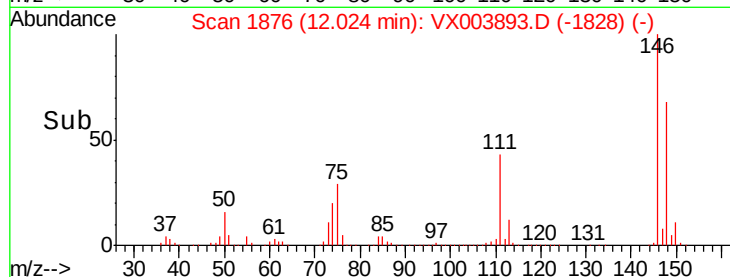
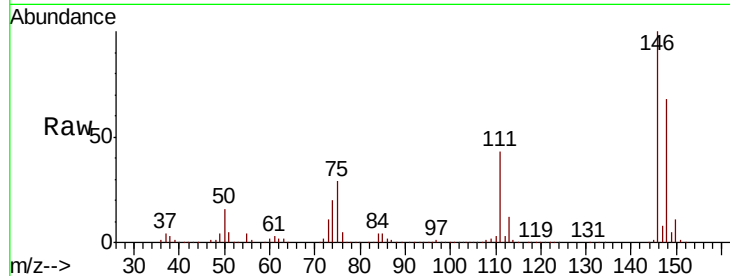




#87
 1,3-Dichlorobenzene
 Concen: 44.89 ug/l
 RT: 12.02 min Scan# 1876
 Delta R.T. -0.01 min
 Lab File: VX003893.D
 Acq: 07 Aug 2018 20:59

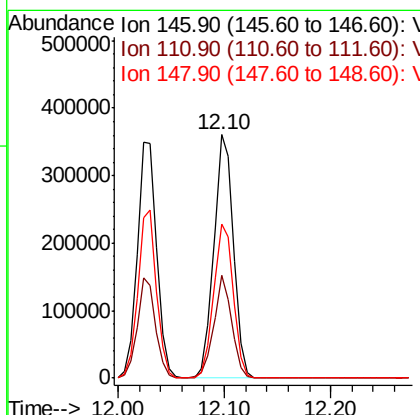
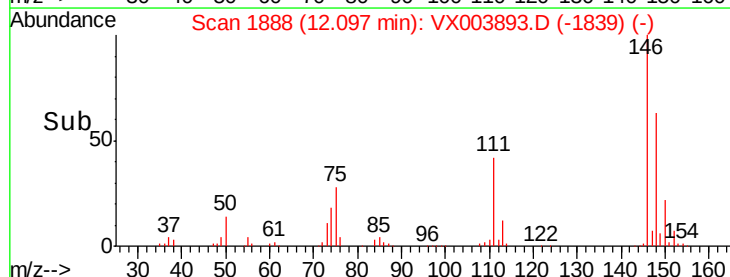
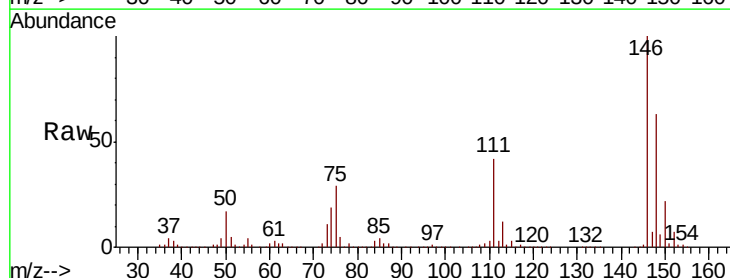
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

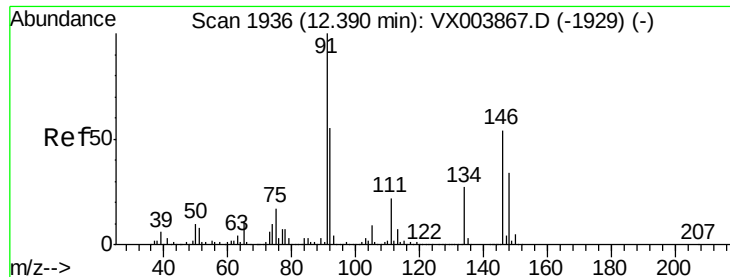
Tot Ion:146 Resp: 447713
 Ion Ratio Lower Upper
 146 100
 111 39.7 18.8 56.4
 148 68.0 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 47.47 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. -0.00 min
 Lab File: VX003893.D
 Acq: 07 Aug 2018 20:59

Tgt Ion:146 Resp: 454014
 Ion Ratio Lower Upper
 146 100
 111 38.6 18.4 55.0
 148 63.6 32.3 96.8

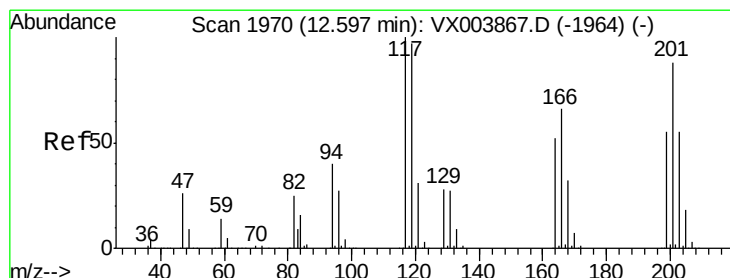
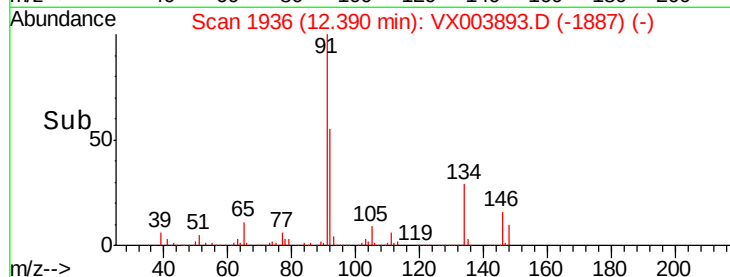
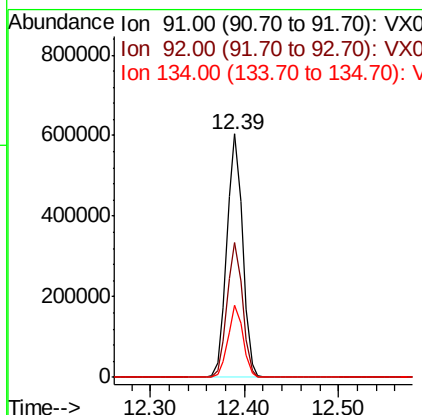
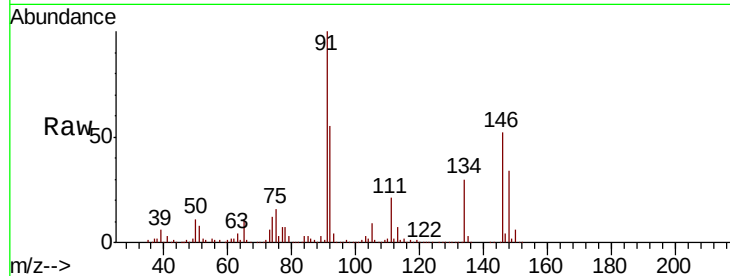




#89
n-Butylbenzene
Concen: 46.73 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX003893.D
Acq: 07 Aug 2018 20:59

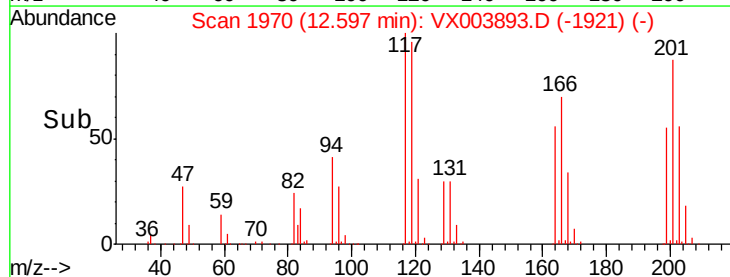
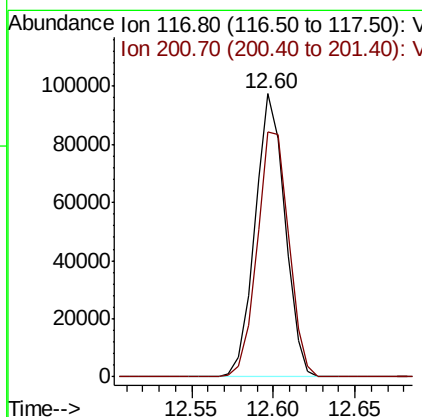
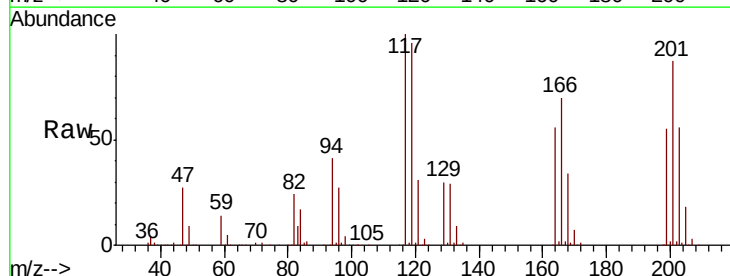
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

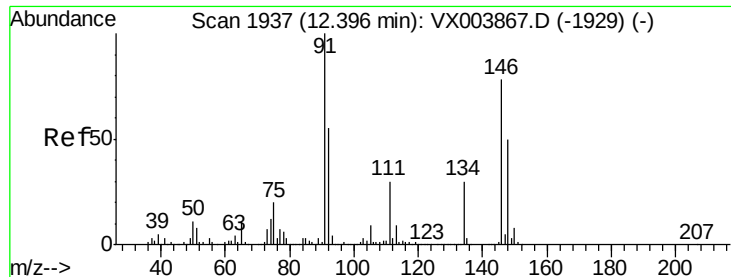
Tot Ion: 91 Resp: 699540
Ion Ratio Lower Upper
91 100
92 54.5 27.1 81.3
134 28.2 13.6 40.7



#90
Hexachloroethane
Concen: 44.60 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VX003893.D
Acq: 07 Aug 2018 20:59

Tgt Ion: 117 Resp: 124394
Ion Ratio Lower Upper
117 100
201 91.4 46.1 138.2

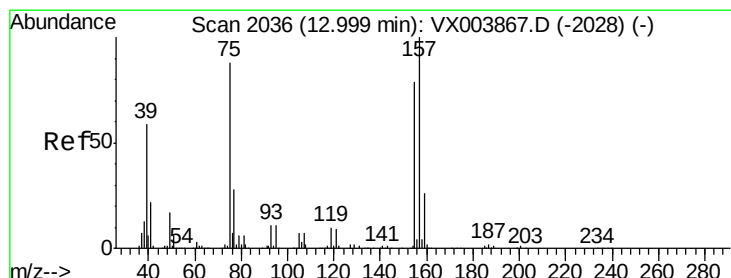
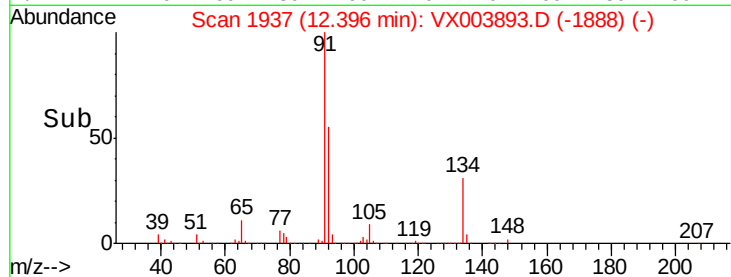
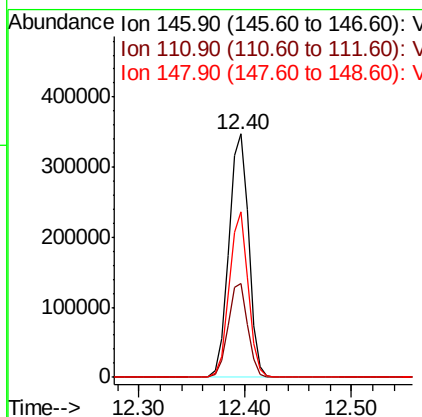
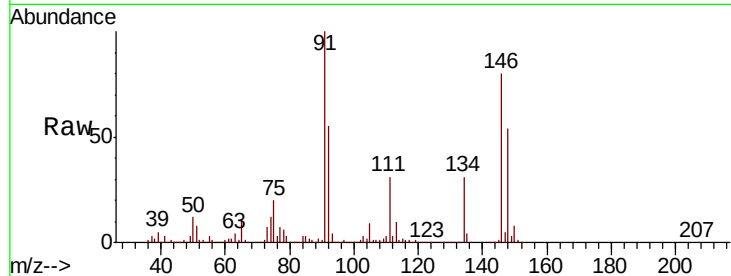




#91
 1,2-Dichlorobenzene
 Concen: 45.84 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX003893.D
 Acq: 07 Aug 2018 20:59

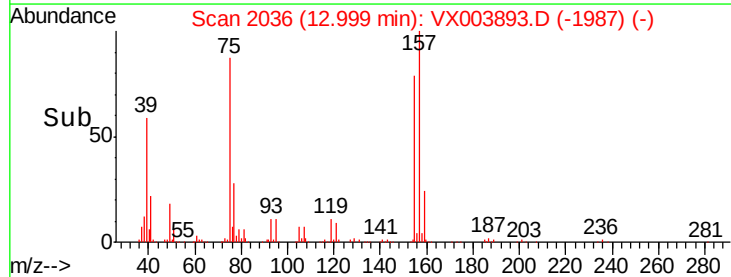
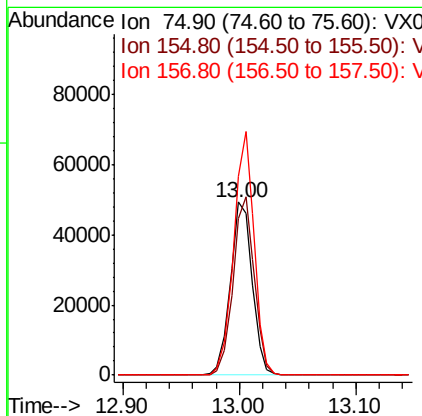
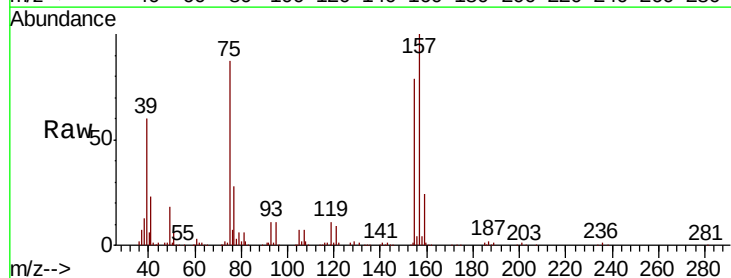
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

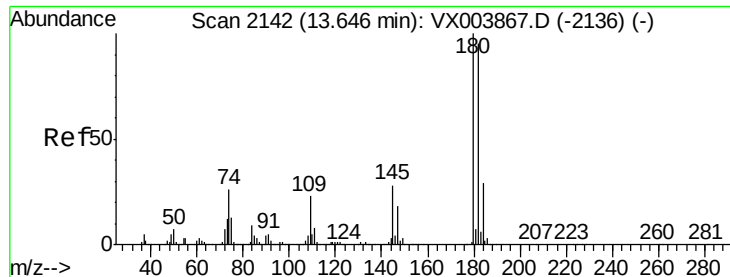
Tot Ion:146 Resp: 453140
 Ion Ratio Lower Upper
 146 100
 111 38.2 19.7 59.0
 148 64.8 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.34 ug/l
 RT: 13.00 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: VX003893.D
 Acq: 07 Aug 2018 20:59

Tgt Ion: 75 Resp: 64369
 Ion Ratio Lower Upper
 75 100
 155 100.0 48.7 146.1
 157 131.5 62.6 187.8

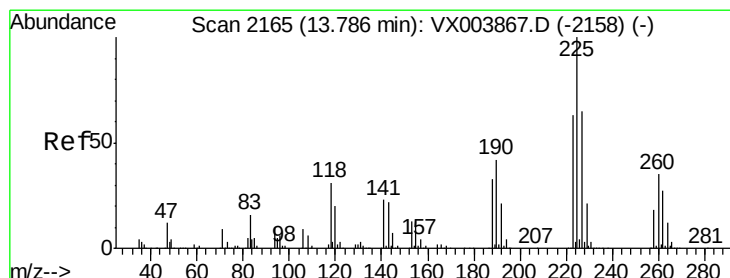
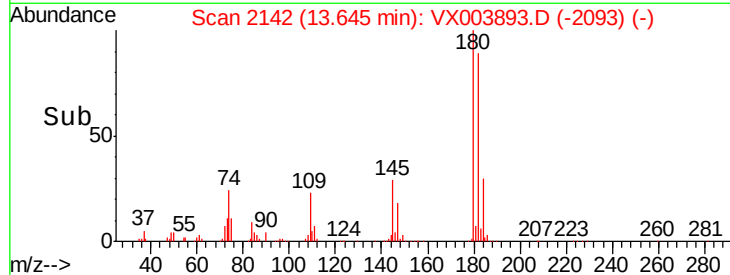
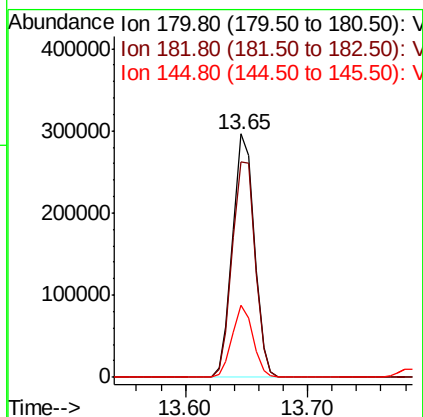
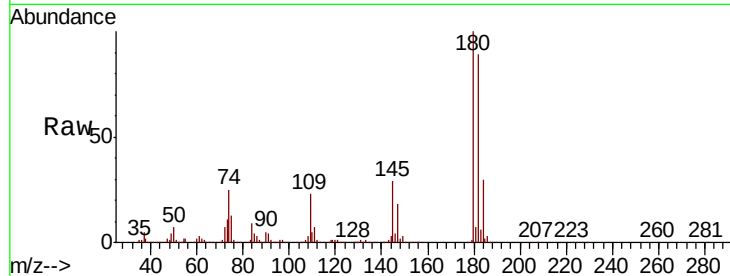




#93
 1,2,4-Trichlorobenzene
 Concen: 51.18 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: VX003893.D
 Acq: 07 Aug 2018 20:59

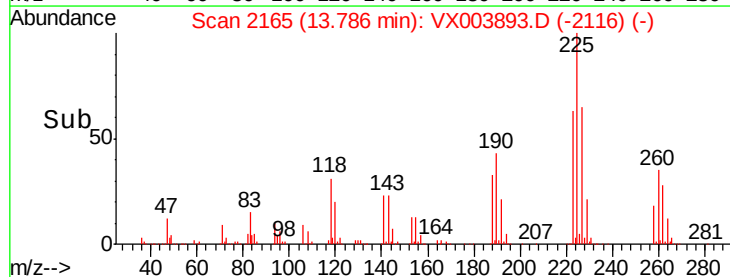
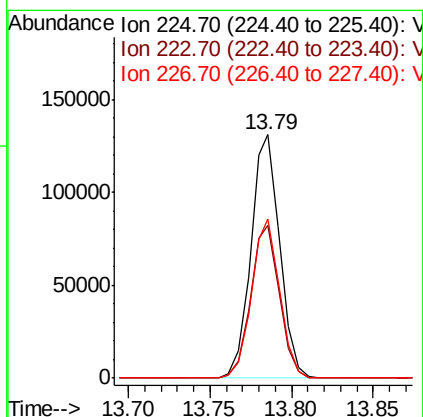
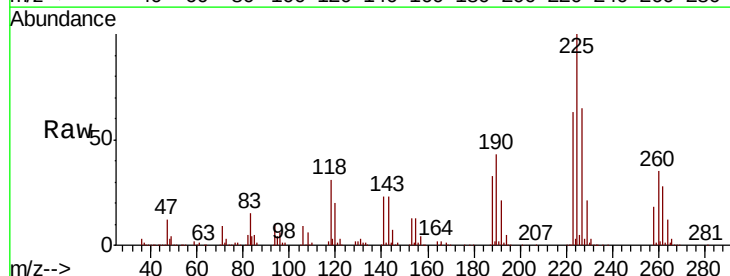
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

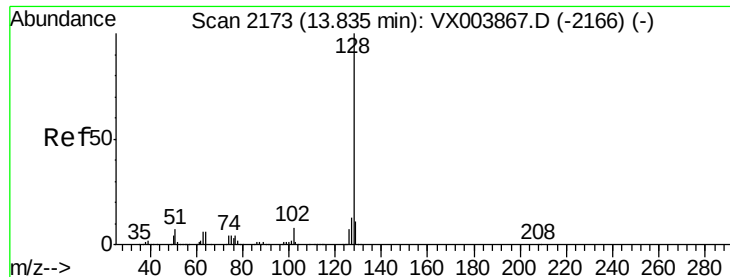
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.4	47.7	143.1
145	28.2	13.9	41.6



#94
 Hexachlorobutadiene
 Concen: 51.18 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003893.D
 Acq: 07 Aug 2018 20:59

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	31.4	94.0
227	63.4	32.1	96.5





#95

Naphthalene

Concen: 56.39 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. -0.00 min

Lab File: VX003893.D

Acq: 07 Aug 2018 20:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

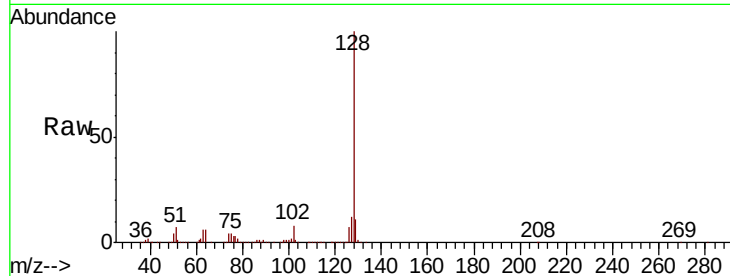
Tot Ion:128 Resp: 1148123

Ion Ratio Lower Upper

128 100

127 12.4 10.2 15.2

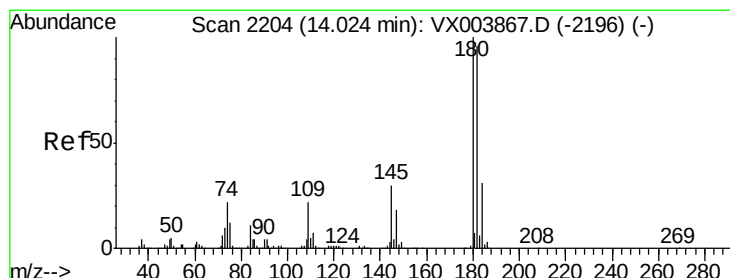
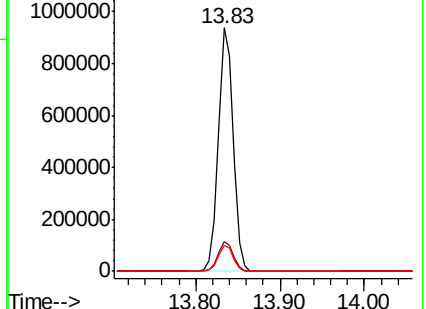
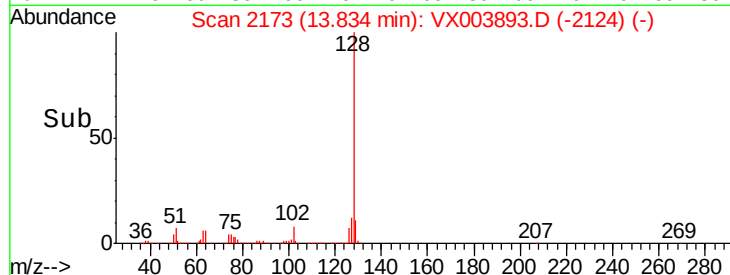
129 10.8 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 52.68 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX003893.D

Acq: 07 Aug 2018 20:59

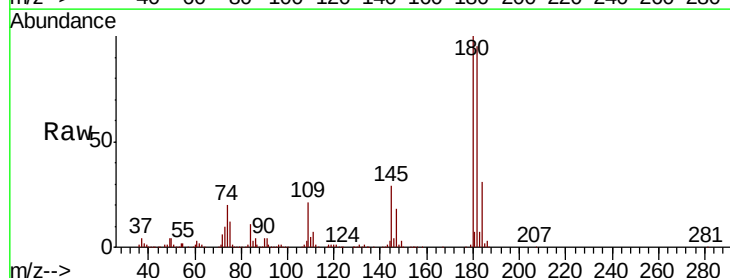
Tgt Ion:180 Resp: 373749

Ion Ratio Lower Upper

180 100

182 94.8 48.1 144.4

145 29.7 14.9 44.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

