

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080718\
 Data File : VX003914.D
 Acq On : 08 Aug 2018 07:37
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 08 08:15:12 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	349385	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	519016	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	484248	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	291374	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	233042	50.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.64%	
35) Dibromofluoromethane	5.50	113	194980	49.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.18%	
50) Toluene-d8	8.72	98	763081	49.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.82%	
62) 4-Bromofluorobenzene	11.14	95	282337	57.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.14%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	173489	49.00	ug/l	100
3) Chloromethane	1.32	50	214478	44.52	ug/l	99
4) Vinyl Chloride	1.40	62	226177	47.08	ug/l	99
5) Bromomethane	1.64	94	129922	51.87	ug/l	98
6) Chloroethane	1.72	64	171361	55.75	ug/l	99
7) Trichlorofluoromethane	1.93	101	306902	48.39	ug/l	100
8) Diethyl Ether	2.19	74	139300	48.86	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	186110	46.94	ug/l	100
10) Methyl Iodide	2.51	142	243171	49.30	ug/l	100
11) Tert butyl alcohol	3.08	59	267213	240.10	ug/l	100
12) 1,1-Dichloroethene	2.37	96	182102	48.56	ug/l	93
13) Acrolein	2.29	56	106407	184.23	ug/l	100
14) Allyl chloride	2.73	41	325323	45.00	ug/l	100
15) Acrylonitrile	3.15	53	626313	235.85	ug/l	100
16) Acetone	2.45	43	637577	231.40	ug/l	100
17) Carbon Disulfide	2.57	76	496726	46.77	ug/l	99
18) Methyl Acetate	2.78	43	290744	48.46	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	668024	50.27	ug/l	98
20) Methylene Chloride	2.86	84	213799	49.21	ug/l	100
21) trans-1,2-Dichloroethene	3.16	96	199864	46.95	ug/l	99
22) Diisopropyl ether	3.87	45	653400	49.17	ug/l	99
23) Vinyl Acetate	3.82	43	2687335	243.06	ug/l	99
24) 1,1-Dichloroethane	3.70	63	364758	46.21	ug/l	99
25) 2-Butanone	4.71	43	991061	239.23	ug/l	99
26) 2,2-Dichloropropane	4.59	77	125523	22.05	ug/l	93
27) cis-1,2-Dichloroethene	4.60	96	225830	48.89	ug/l	93
28) Bromochloromethane	5.02	49	167905	49.71	ug/l	98
29) Tetrahydrofuran	5.16	42	507341	238.27	ug/l	100
30) Chloroform	5.21	83	367550	49.46	ug/l	99
31) Cyclohexane	5.57	56	323057	48.40	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	312979	50.23	ug/l	100
36) 1,1-Dichloropropene	5.80	75	279904	48.15	ug/l	99
37) Ethyl Acetate	4.86	43	304951	47.69	ug/l	100
38) Carbon Tetrachloride	5.78	117	272282	49.21	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	321761	46.95	ug/l	99
40) Benzene	6.14	78	857543	49.13	ug/l	99
41) Methacrylonitrile	5.06	41	168029	47.71	ug/l	99
42) 1,2-Dichloroethane	6.20	62	288983	48.96	ug/l	100
43) Isopropyl Acetate	6.46	43	472557	49.11	ug/l	99
44) Trichloroethene	7.21	130	229895	48.16	ug/l	93
45) 1,2-Dichloropropane	7.52	63	213467	47.36	ug/l	99
46) Dibromomethane	7.67	93	141273	48.28	ug/l	100
47) Bromodichloromethane	7.90	83	273214	49.56	ug/l	99
48) Methyl methacrylate	7.78	41	245979	50.29	ug/l	99
49) 1,4-Dioxane	7.76	88	115955	1006.30	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1965114	246.38	ug/l	99
52) Toluene	8.79	92	547590	49.65	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	278418	44.68	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	305279	45.44	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	218717	48.53	ug/l	99
56) Ethyl methacrylate	9.18	69	337915	51.68	ug/l	100
57) 1,3-Dichloropropane	9.37	76	372764	49.42	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	821017	255.33	ug/l	99
59) 2-Hexanone	9.50	43	1507320	252.82	ug/l	99
60) Dibromochloromethane	9.59	129	219885	52.33	ug/l	99
61) 1,2-Dibromoethane	9.68	107	230595	51.10	ug/l	99
64) Tetrachloroethene	9.34	164	234240	49.17	ug/l	97
65) Chlorobenzene	10.14	112	600792	47.68	ug/l	93
66) 1,1,1,2-Tetrachloroethane	10.23	131	216956	50.09	ug/l	99
67) Ethyl Benzene	10.26	91	1029564	49.92	ug/l	99
68) m/p-Xylenes	10.36	106	818980	101.62	ug/l	96
69) o-Xylene	10.70	106	394858	51.90	ug/l	97
70) Styrene	10.71	104	664608	53.35	ug/l	98
71) Bromoform	10.86	173	173242	47.33	ug/l	99
73) Isopropylbenzene	11.02	105	1041691	48.33	ug/l	96
74) N-amyl acetate	6.46	43	472557	42.16	ug/l	# 99
75) 1,1,2,2-Tetrachloroethane	11.27	83	341439	46.22	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	366279	56.91	ug/l	85
77) Bromobenzene	11.26	156	277450	48.25	ug/l	99
78) n-propylbenzene	11.36	91	1179566	48.73	ug/l	99
79) 2-Chlorotoluene	11.42	91	699701	47.41	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	861528	49.02	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	79996	34.53	ug/l	97
82) 4-Chlorotoluene	11.51	91	814487	47.11	ug/l	99
83) tert-Butylbenzene	11.77	119	842607	48.73	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	890857	50.41	ug/l	99
85) sec-Butylbenzene	11.94	105	1016459	49.81	ug/l	99
86) p-Isopropyltoluene	12.07	119	891880	48.71	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	509257	47.91	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	514227	50.46	ug/l	99
89) n-Butylbenzene	12.39	91	697187	43.69	ug/l	99
90) Hexachloroethane	12.60	117	134476	45.23	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	444813	42.22	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	63361	41.87	ug/l	99

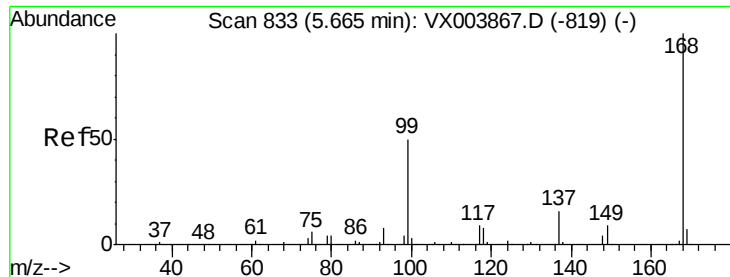
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	341597	45.08	ug/l	99
94) Hexachlorobutadiene	13.79	225	156920	46.96	ug/l	99
95) Naphthalene	13.83	128	1146997	52.85	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	378219	50.02	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003914.D

Acq: 08 Aug 2018 07:37

Instrument :

MSVOA_X

ClientSampleId :

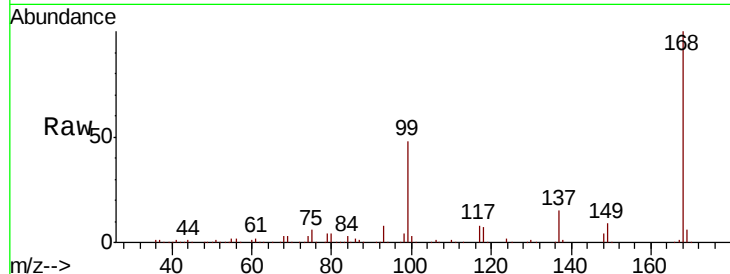
VSTDCCC050EC

Tot Ion:168 Resp: 349385

Ion Ratio Lower Upper

168 100

99 47.5 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

150000

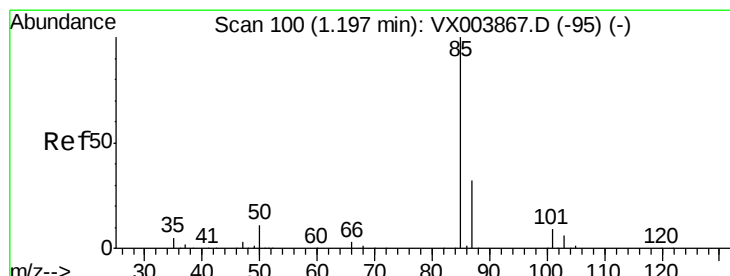
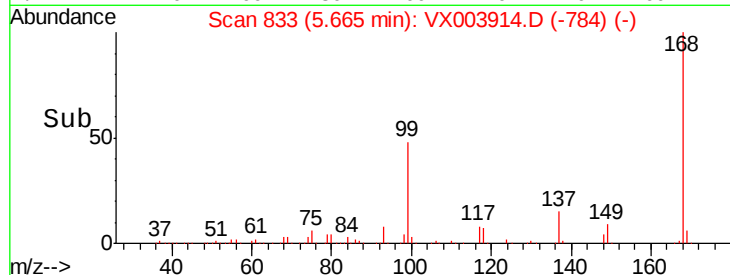
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 49.00 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003914.D

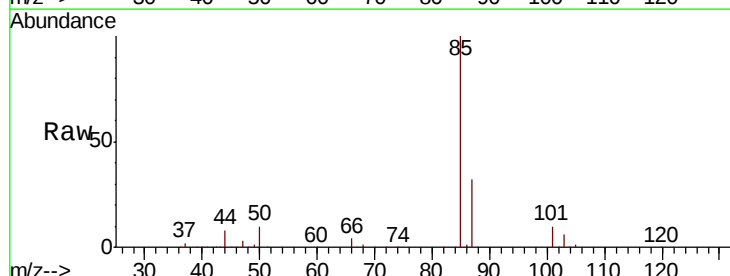
Acq: 08 Aug 2018 07:37

Tgt Ion: 85 Resp: 173489

Ion Ratio Lower Upper

85 100

87 32.1 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

200000

150000

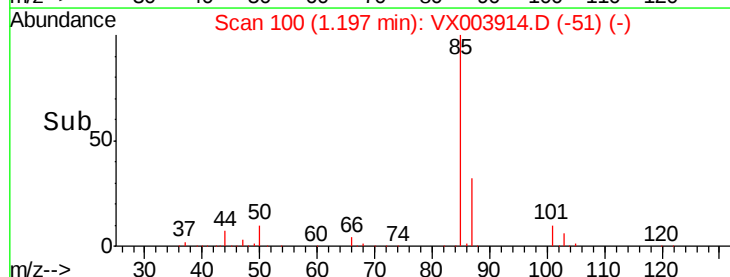
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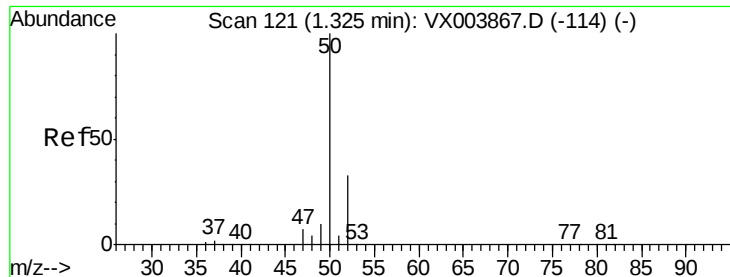
50000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 44.52 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003914.D

Acq: 08 Aug 2018 07:37

Instrument :

MSVOA_X

ClientSampleId :

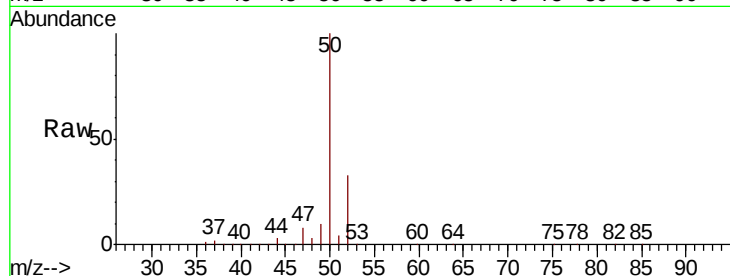
VSTDCCC050EC

Tot Ion: 50 Resp: 214478

Ion Ratio Lower Upper

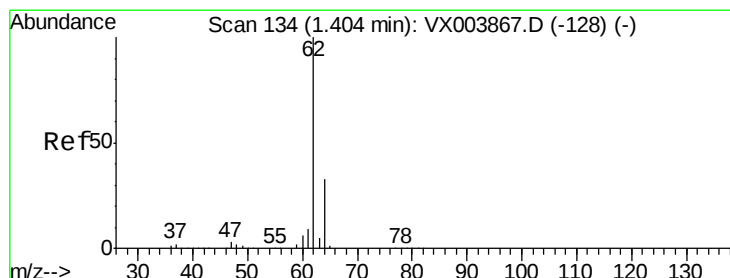
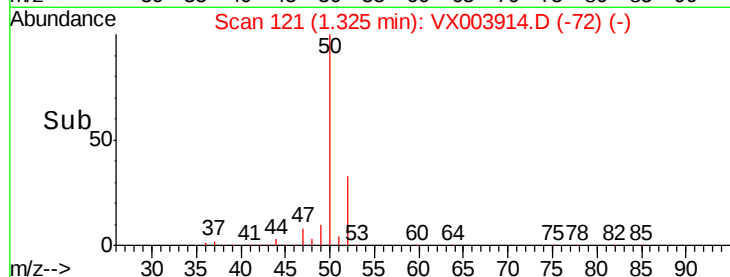
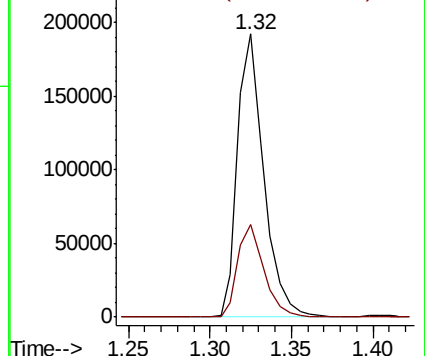
50 100

52 32.6 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 47.08 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003914.D

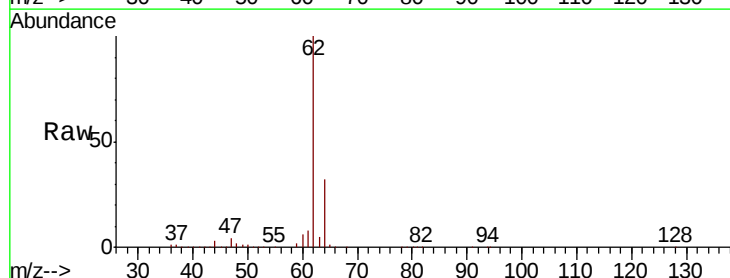
Acq: 08 Aug 2018 07:37

Tgt Ion: 62 Resp: 226177

Ion Ratio Lower Upper

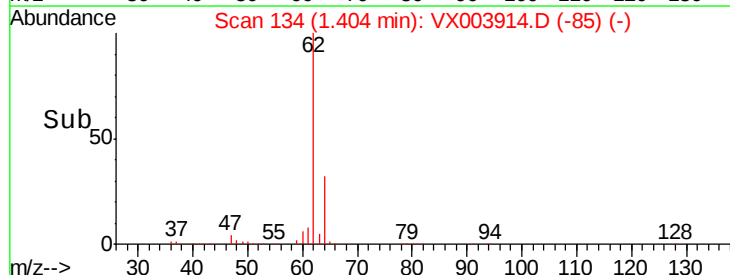
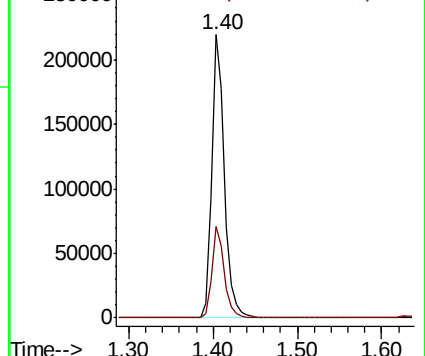
62 100

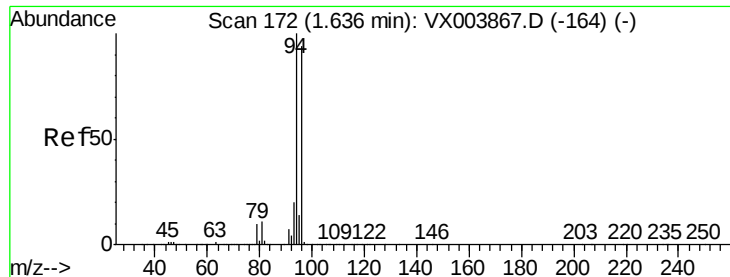
64 32.2 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 51.87 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003914.D

Acq: 08 Aug 2018 07:37

Instrument :

MSVOA_X

ClientSampleId :

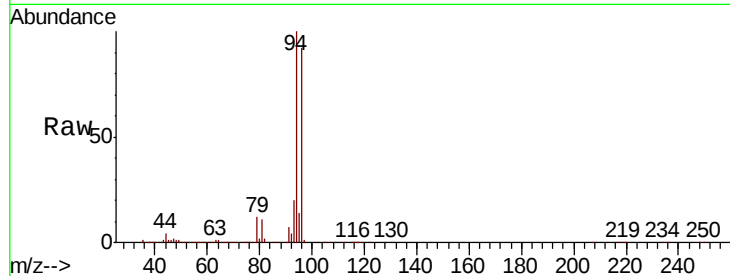
VSTDCCC050EC

Tot Ion: 94 Resp: 129922

Ion Ratio Lower Upper

94 100

96 92.4 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

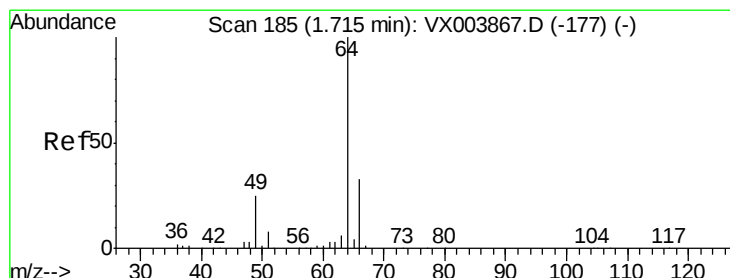
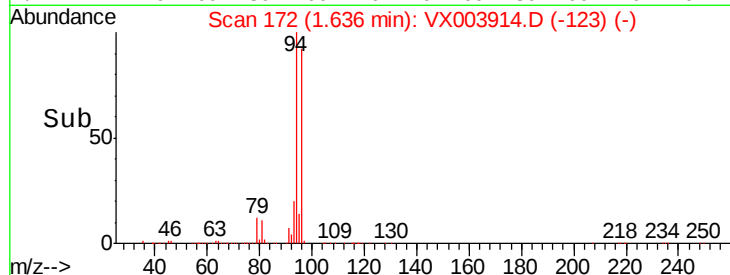
150000

100000

50000

0

Time--> 1.50 1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 55.75 ug/l

RT: 1.72 min Scan# 185

Delta R.T. 0.00 min

Lab File: VX003914.D

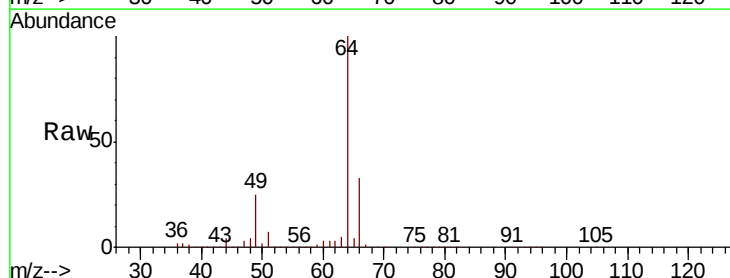
Acq: 08 Aug 2018 07:37

Tgt Ion: 64 Resp: 171361

Ion Ratio Lower Upper

64 100

66 32.5 26.5 39.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

120000

100000

80000

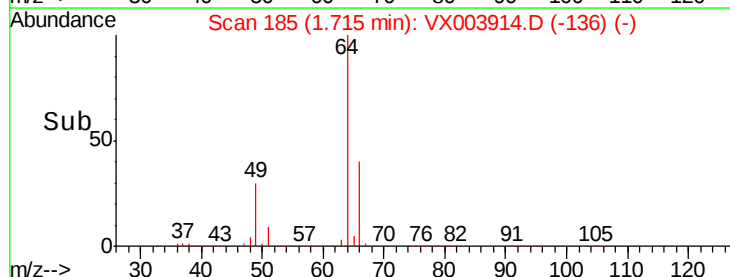
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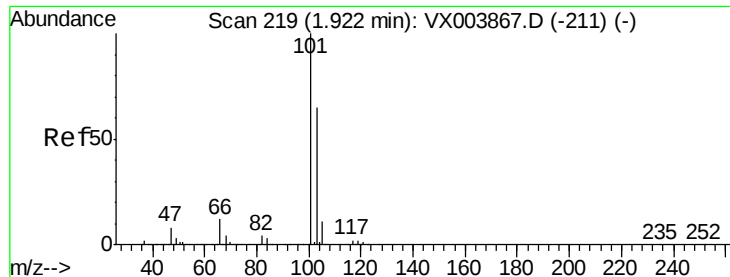
40000

20000

0

Time--> 1.50 1.60 1.70 1.80



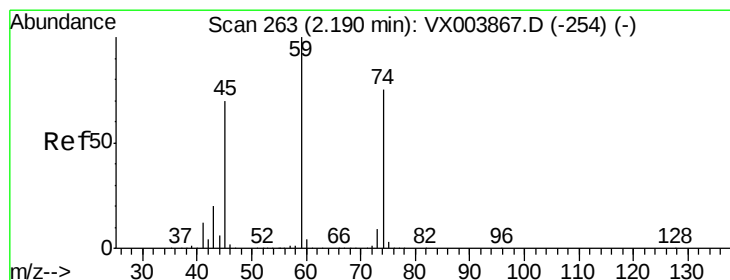
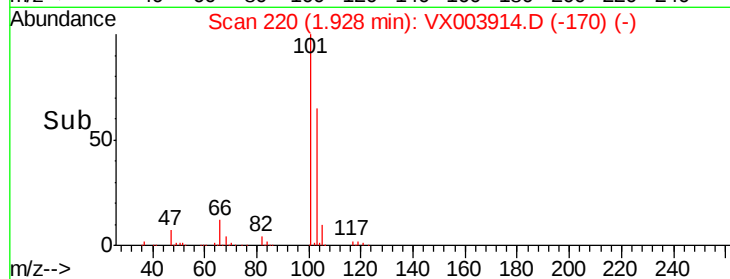
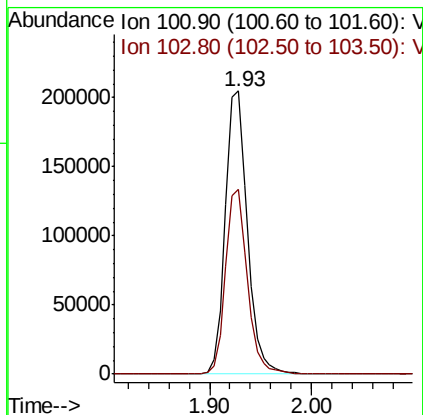
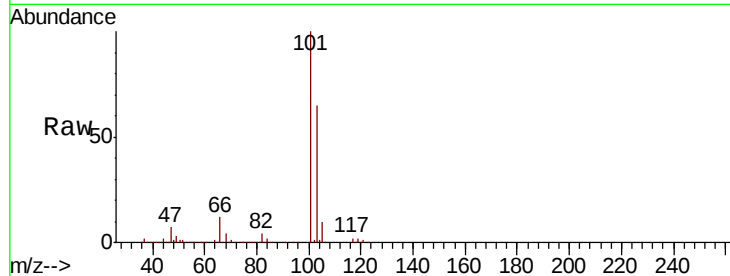


#7

Trichlorofluoromethane
 Concen: 48.39 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.01 min
 Lab File: VX003914.D
 Acq: 08 Aug 2018 07:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

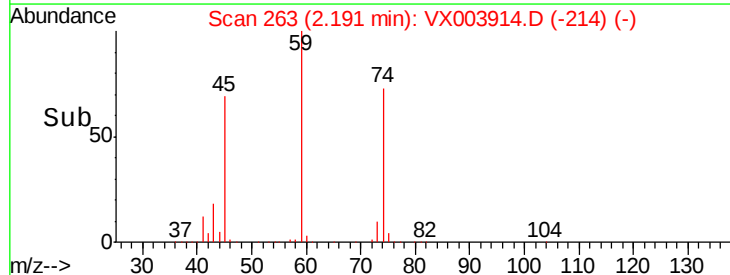
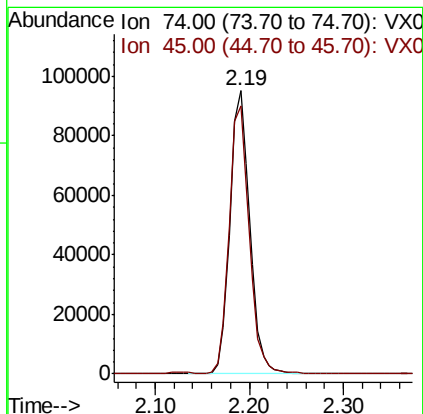
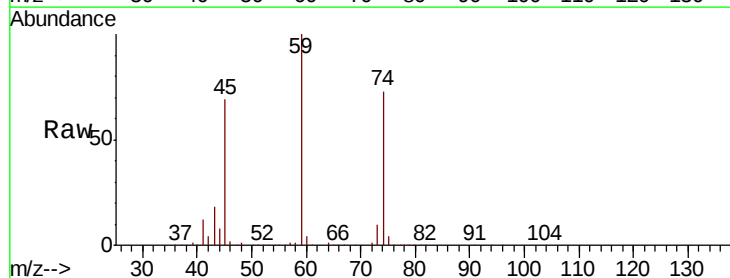
Tot Ion:101 Resp: 306902
 Ion Ratio Lower Upper
 101 100
 103 65.1 52.3 78.5

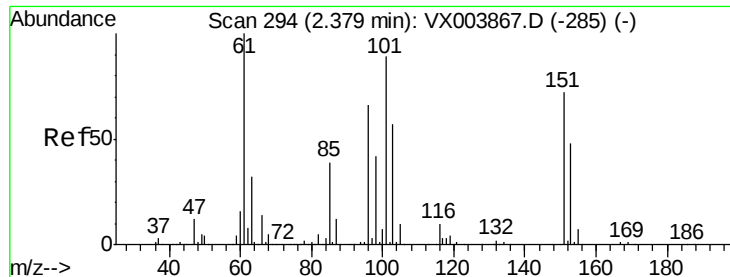


#8

Diethyl Ether
 Concen: 48.86 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX003914.D
 Acq: 08 Aug 2018 07:37

Tgt Ion: 74 Resp: 139300
 Ion Ratio Lower Upper
 74 100
 45 95.4 48.3 144.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.94 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.00 min

Lab File: VX003914.D

Acq: 08 Aug 2018 07:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

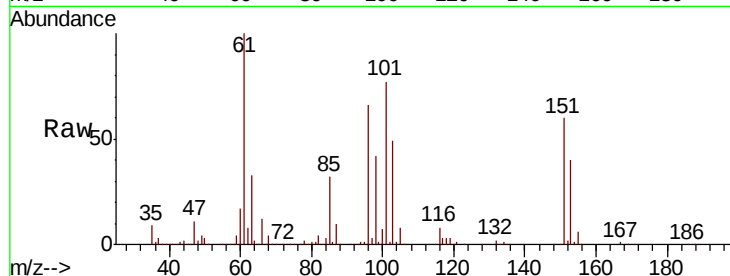
Tot Ion:101 Resp: 186110

Ion Ratio Lower Upper

101 100

85 42.5 34.2 51.4

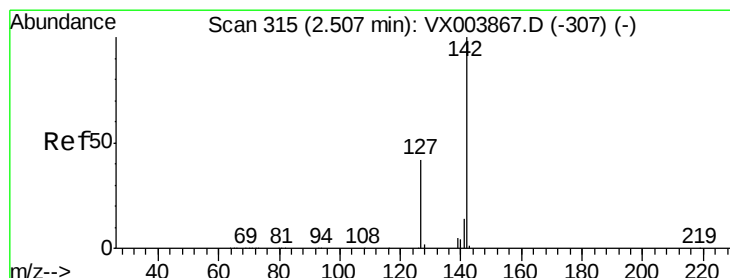
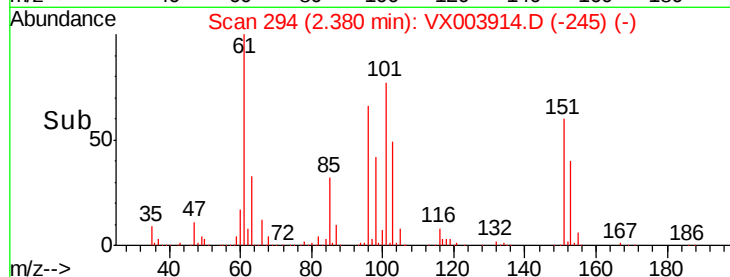
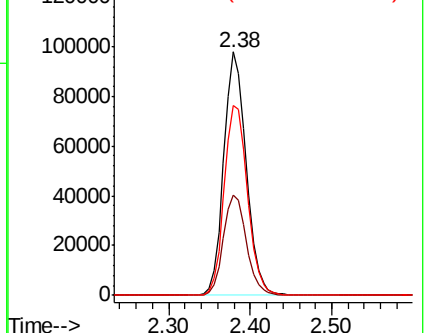
151 81.0 65.0 97.4



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: 49.30 ug/l

RT: 2.51 min Scan# 315

Delta R.T. 0.00 min

Lab File: VX003914.D

Acq: 08 Aug 2018 07:37

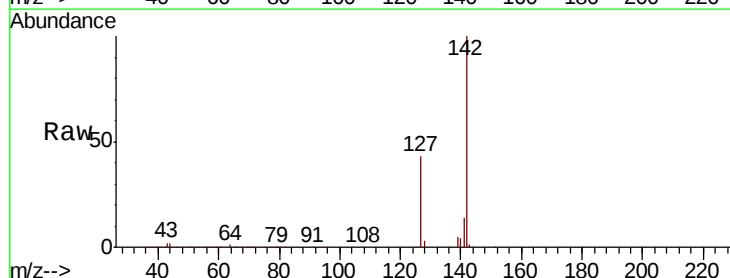
Tgt Ion:142 Resp: 243171

Ion Ratio Lower Upper

142 100

127 41.5 33.1 49.7

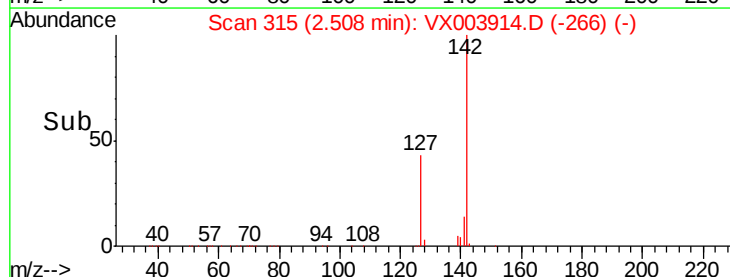
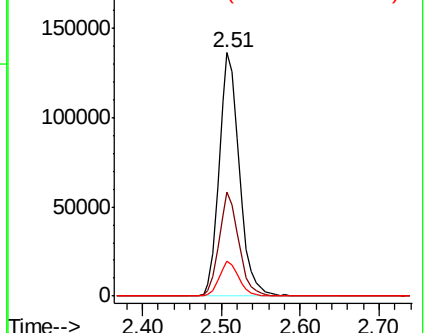
141 14.1 11.1 16.7

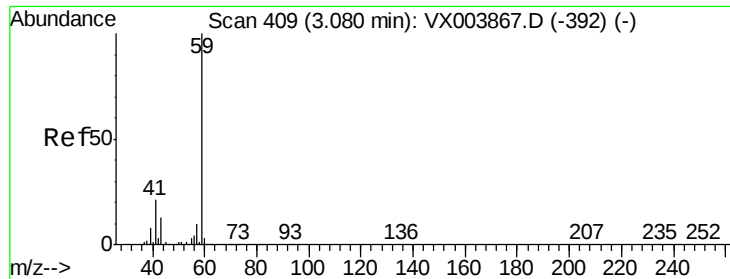


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



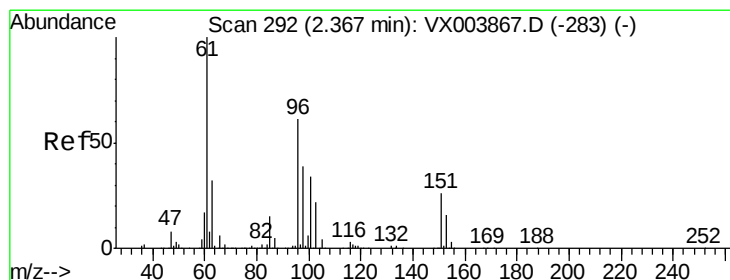
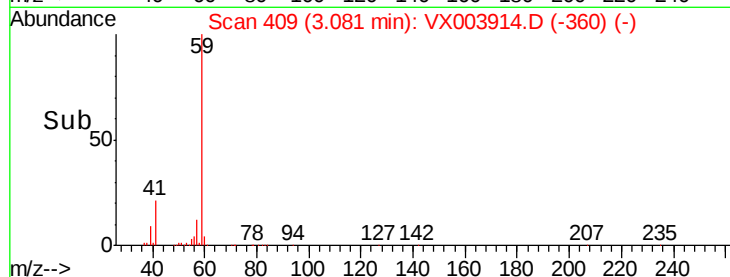
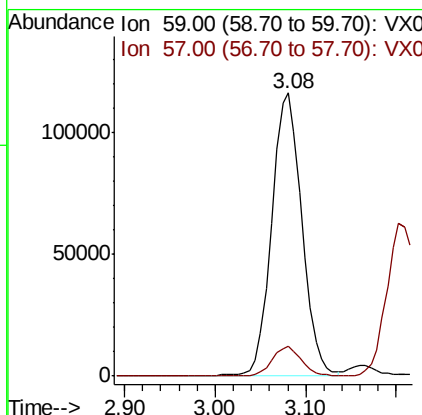
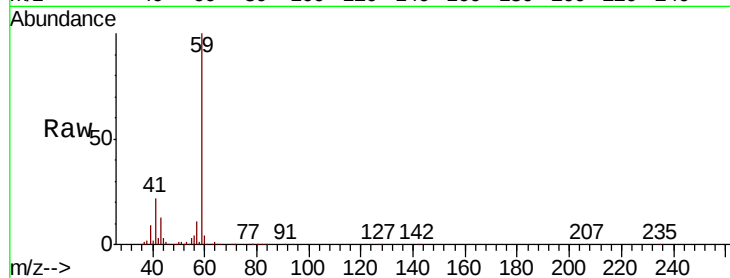


#11

Tert butyl alcohol
 Concen: 240.10 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. 0.00 min
 Lab File: VX003914.D
 Acq: 08 Aug 2018 07:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

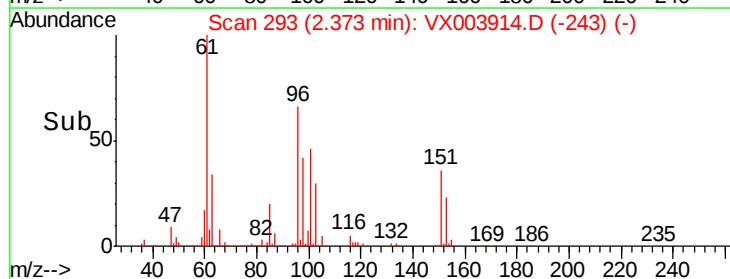
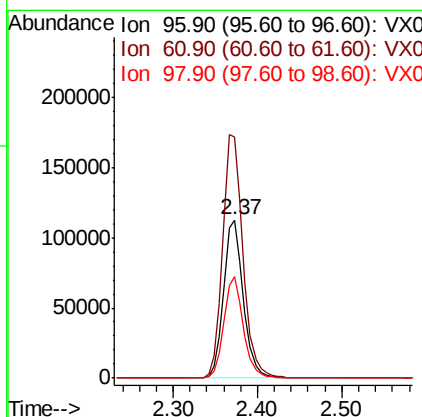
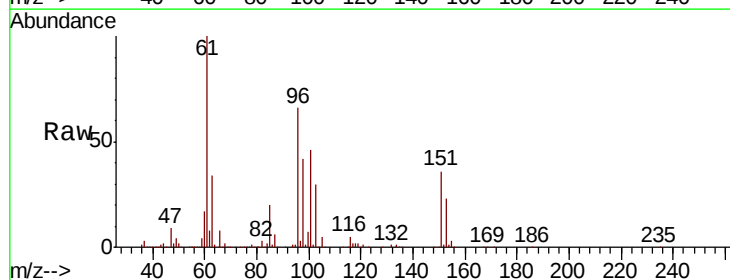
Tot Ion: 59 Resp: 267213
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.1 12.1

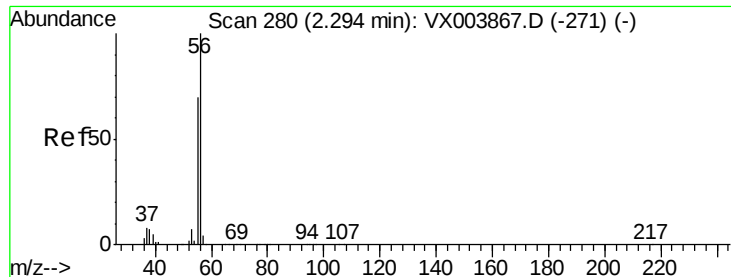


#12

1,1-Dichloroethene
 Concen: 48.56 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.01 min
 Lab File: VX003914.D
 Acq: 08 Aug 2018 07:37

Tgt Ion: 96 Resp: 182102
 Ion Ratio Lower Upper
 96 100
 61 152.4 131.3 196.9
 98 64.0 51.8 77.6





#13

Acrolein

Concen: 184.23 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003914.D

Acq: 08 Aug 2018 07:37

Instrument :

MSVOA_X

ClientSampleId :

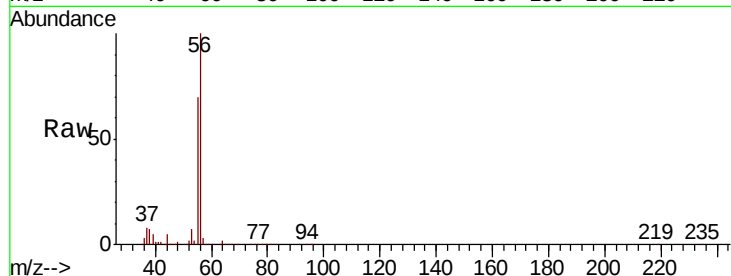
VSTDCCC050EC

Tot Ion: 56 Resp: 106407

Ion Ratio Lower Upper

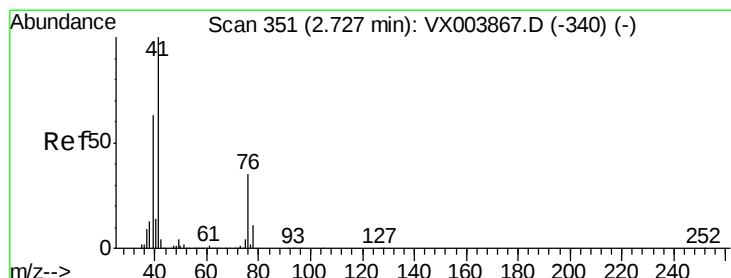
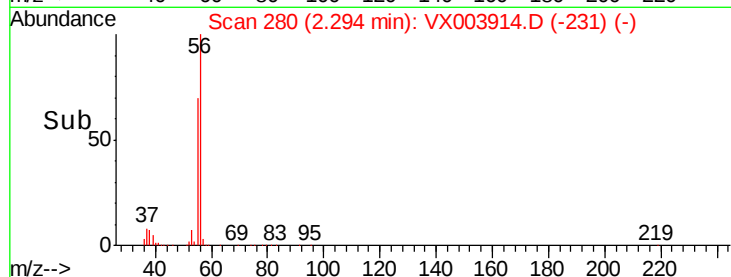
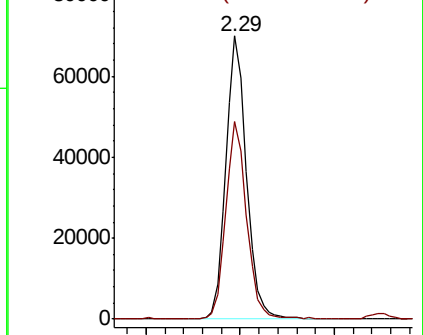
56 100

55 69.9 56.1 84.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 45.00 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX003914.D

Acq: 08 Aug 2018 07:37

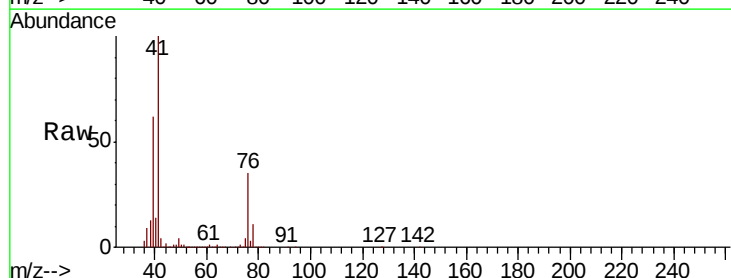
Tgt Ion: 41 Resp: 325323

Ion Ratio Lower Upper

41 100

39 59.4 47.4 71.0

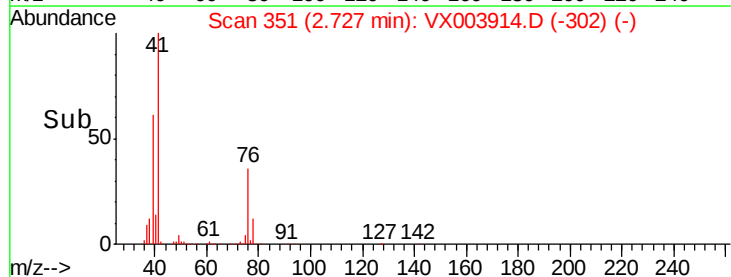
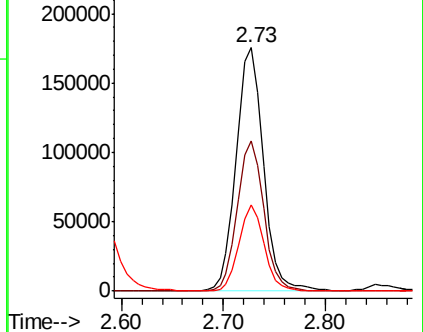
76 32.6 26.0 39.0



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 235.85 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX003914.D

Acq: 08 Aug 2018 07:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

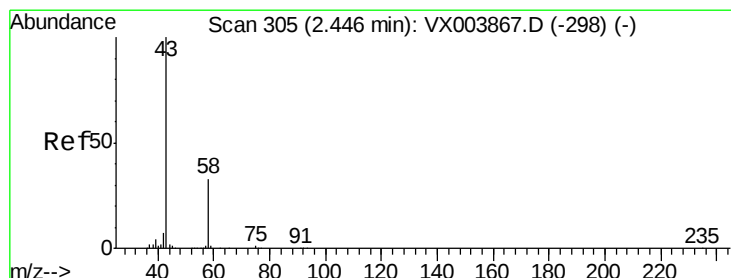
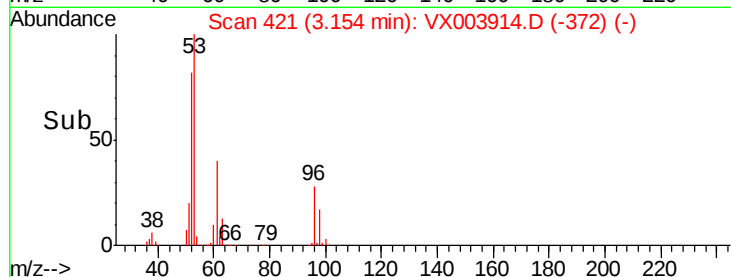
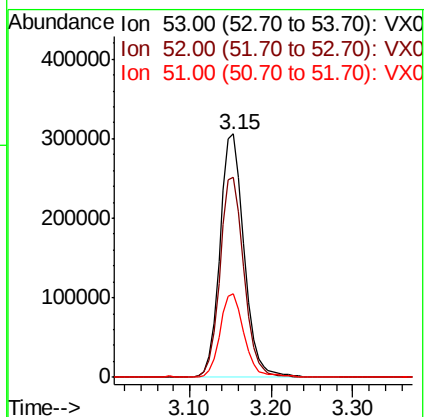
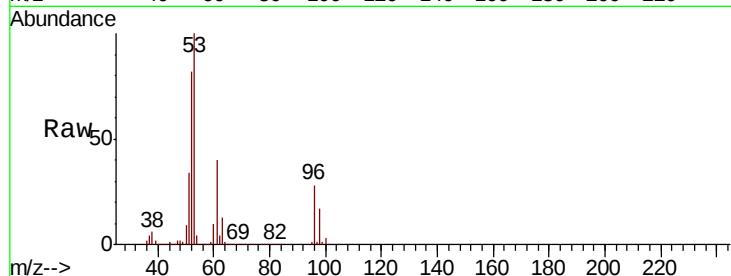
Tot Ion: 53 Resp: 626313

Ion Ratio Lower Upper

53 100

52 81.9 65.3 97.9

51 34.8 27.9 41.9



#16

Acetone

Concen: 231.40 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX003914.D

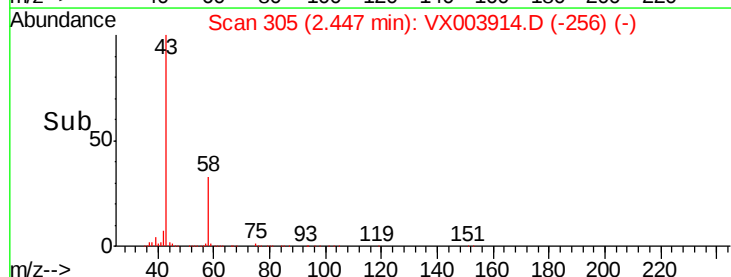
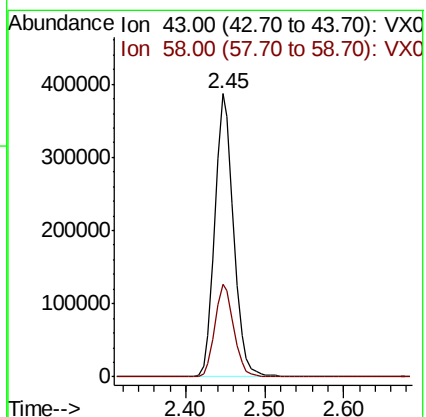
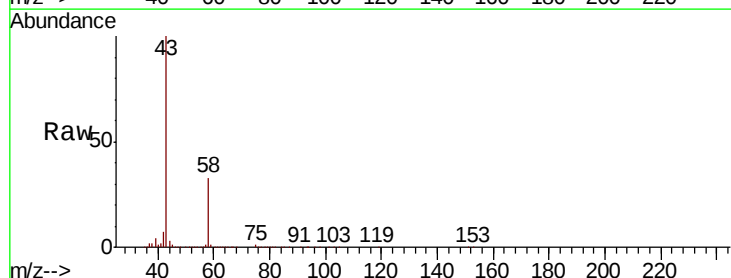
Acq: 08 Aug 2018 07:37

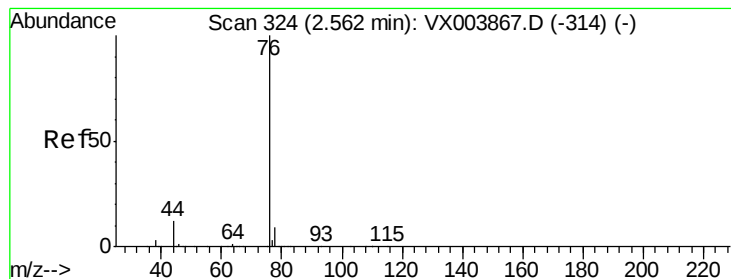
Tgt Ion: 43 Resp: 637577

Ion Ratio Lower Upper

43 100

58 32.8 26.4 39.6





#17

Carbon Disulfide

Concen: 46.77 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.01 min

Lab File: VX003914.D

Acq: 08 Aug 2018 07:37

Instrument :

MSVOA_X

ClientSampleId :

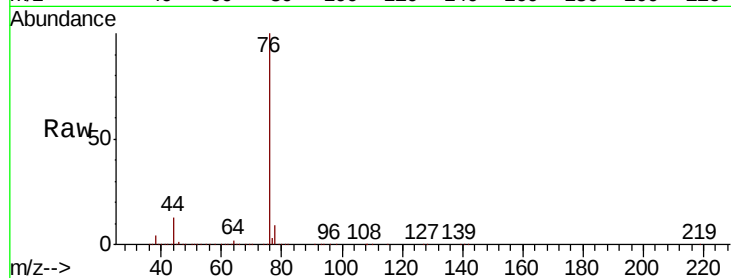
VSTDCCC050EC

Tot Ion: 76 Resp: 496726

Ion Ratio Lower Upper

76 100

78 9.1 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VX003867.D (-314) (-)

Ion 77.90 (77.60 to 78.60): VX003867.D (-314) (-)

2.57

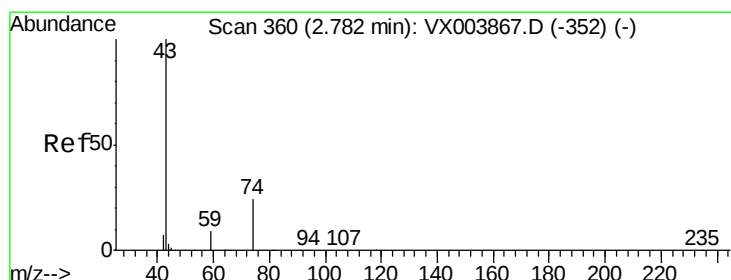
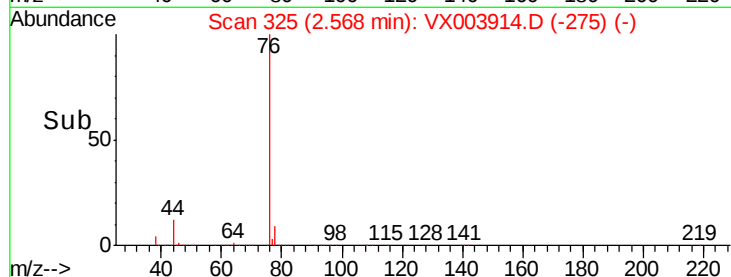
300000

200000

100000

0

Time-->



#18

Methyl Acetate

Concen: 48.46 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX003914.D

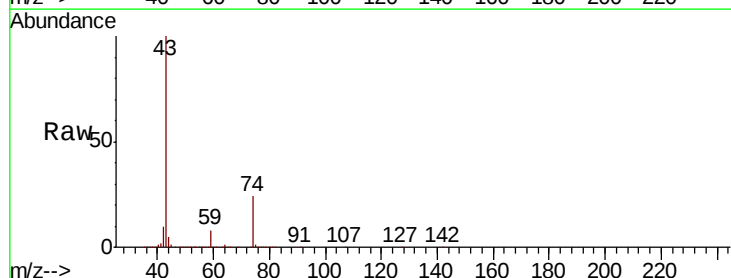
Acq: 08 Aug 2018 07:37

Tgt Ion: 43 Resp: 290744

Ion Ratio Lower Upper

43 100

74 23.8 18.9 28.3



Abundance Ion 43.00 (42.70 to 43.70): VX003867.D (-352) (-)

Ion 74.00 (73.70 to 74.70): VX003867.D (-352) (-)

2.78

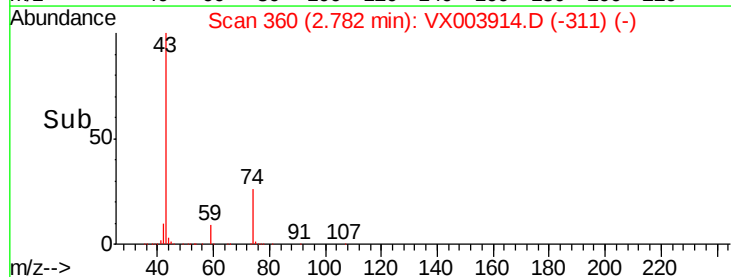
150000

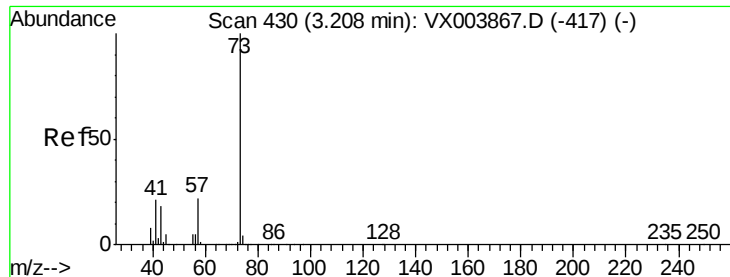
100000

50000

0

Time-->

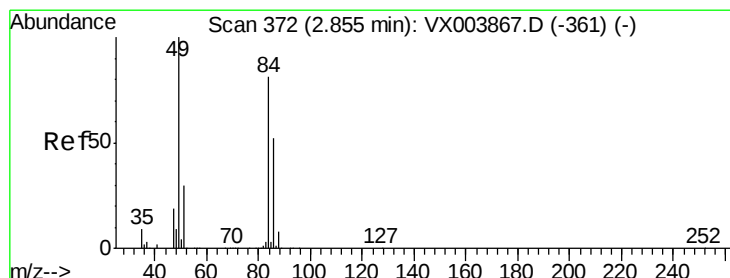
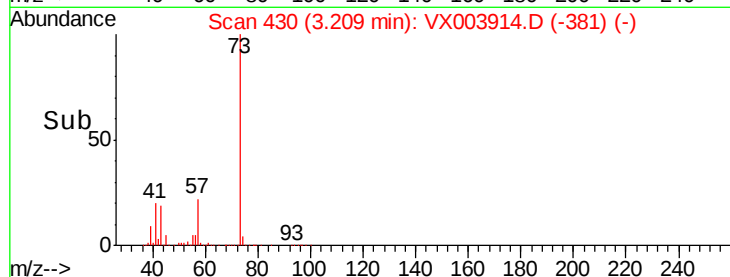
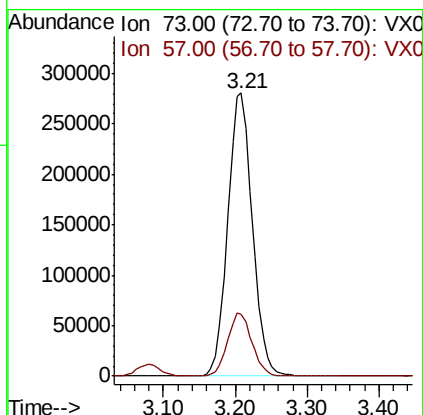
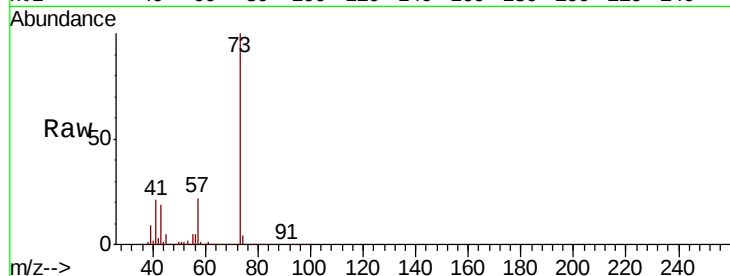




#19
Methvl tert-butvl Ether
Concen: 50.27 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX003914.D
Acq: 08 Aug 2018 07:37

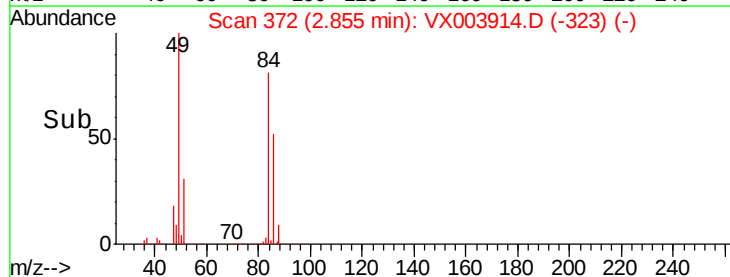
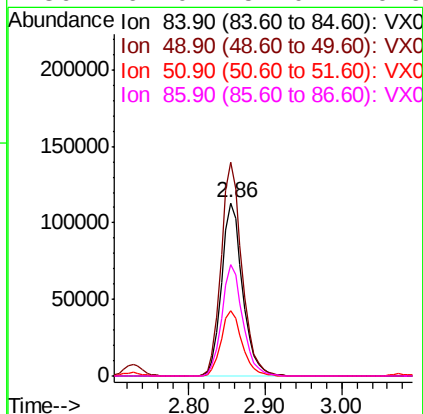
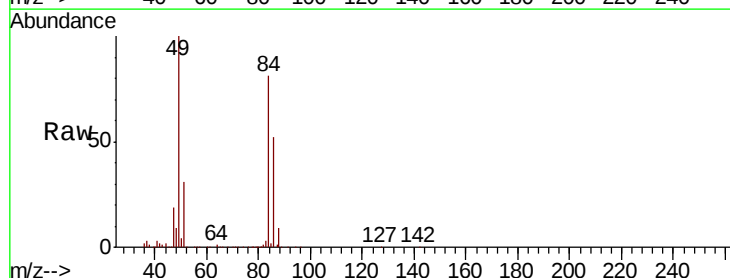
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

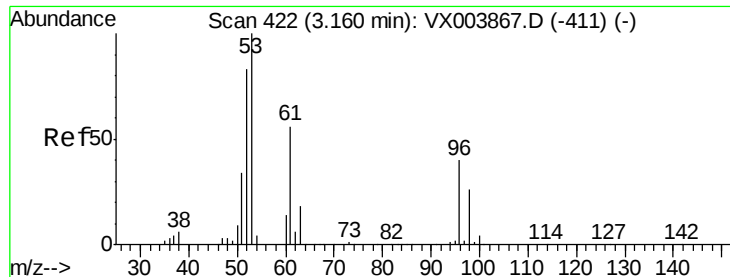
Tot Ion: 73 Resp: 668024
Ion Ratio Lower Upper
73 100
57 21.7 18.0 27.0



#20
Methylene Chloride
Concen: 49.21 ug/l
RT: 2.86 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003914.D
Acq: 08 Aug 2018 07:37

Tgt Ion: 84 Resp: 213799
Ion Ratio Lower Upper
84 100
49 123.3 98.9 148.3
51 38.0 29.9 44.9
86 64.0 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 46.95 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.00 min

Lab File: VX003914.D

Acq: 08 Aug 2018 07:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

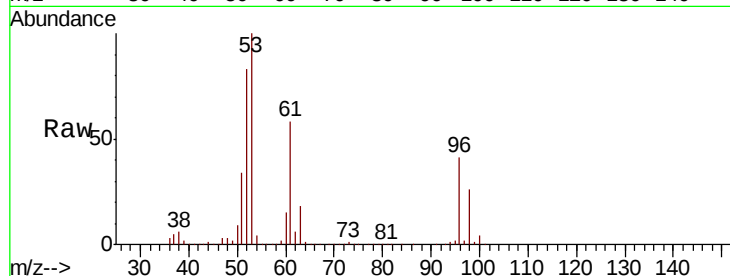
Tot Ion: 96 Resp: 199864

Ion Ratio Lower Upper

96 100

61 140.7 111.8 167.6

98 62.4 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

200000

150000

100000

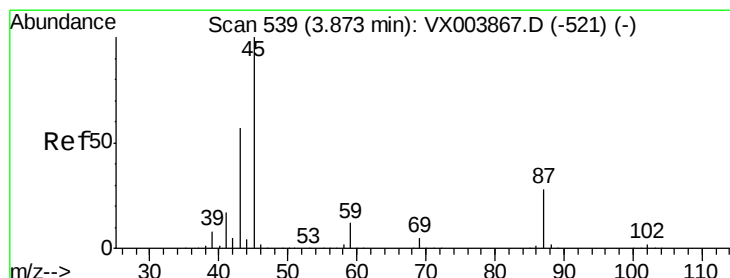
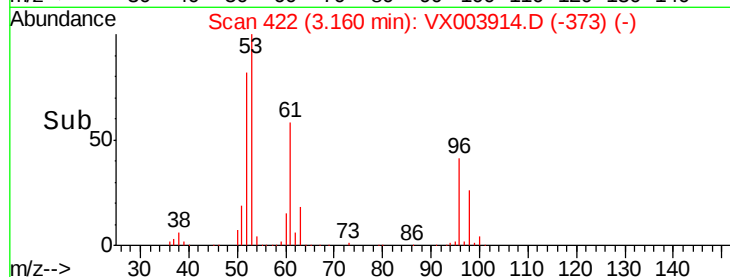
50000

0

3.16

3.00 3.10 3.20 3.30

Time-->



#22

Diisopropyl ether

Concen: 49.17 ug/l

RT: 3.87 min Scan# 539

Delta R.T. 0.00 min

Lab File: VX003914.D

Acq: 08 Aug 2018 07:37

Tgt Ion: 45 Resp: 653400

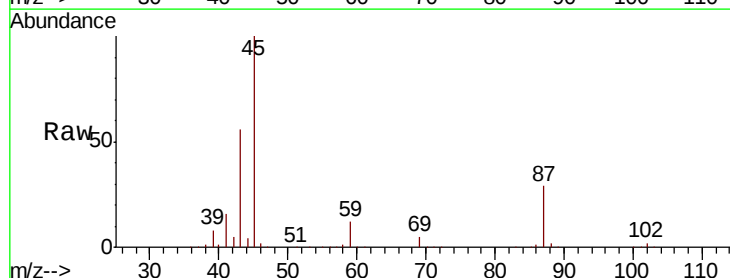
Ion Ratio Lower Upper

45 100

43 56.1 45.3 67.9

87 28.8 22.7 34.1

59 12.0 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

1500000

1000000

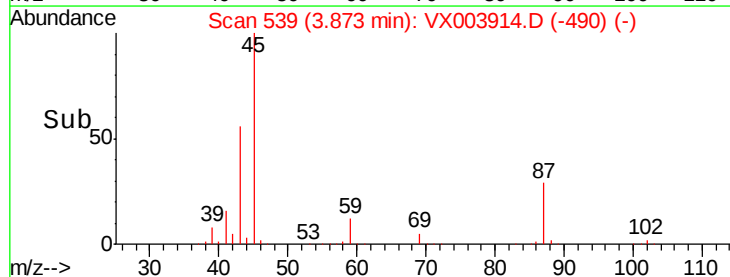
500000

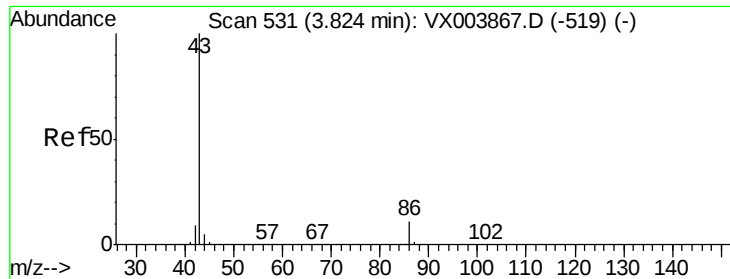
0

3.87

3.70 3.80 3.90 4.00 4.10

Time-->

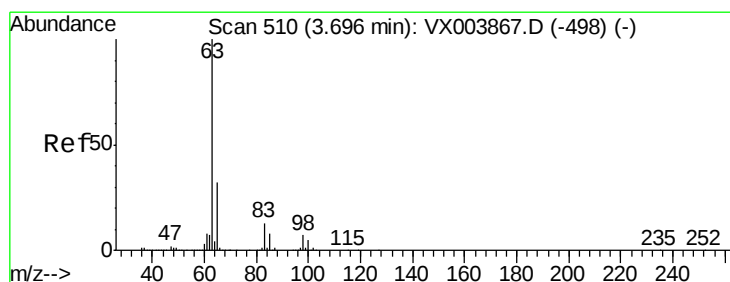
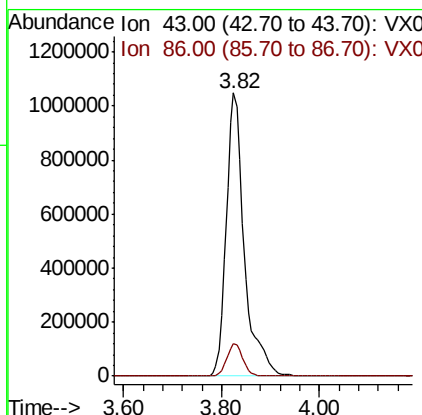
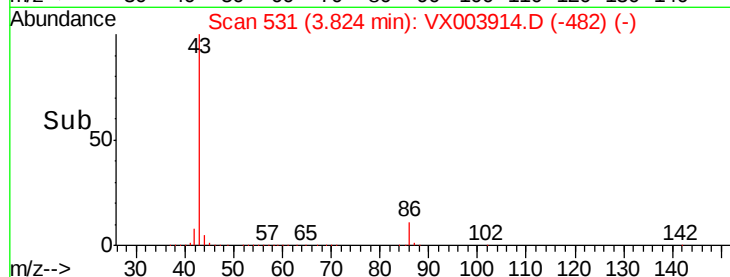
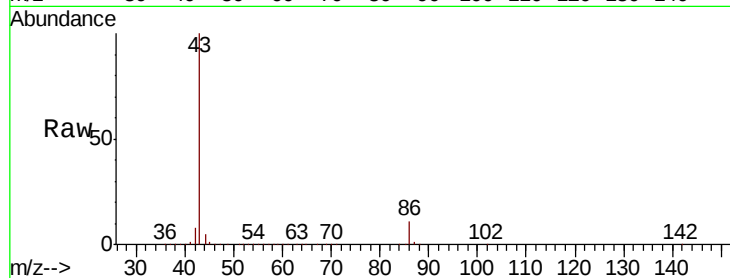




#23
 Vinyl Acetate
 Concen: 243.06 ug/l
 RT: 3.82 min Scan# 531
 Delta R.T. 0.00 min
 Lab File: VX003914.D
 Acq: 08 Aug 2018 07:37

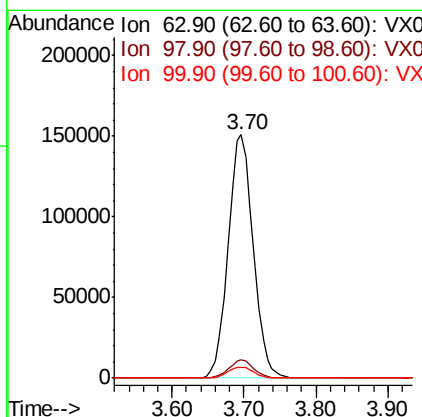
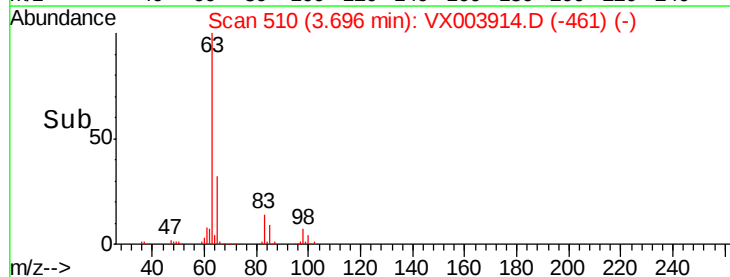
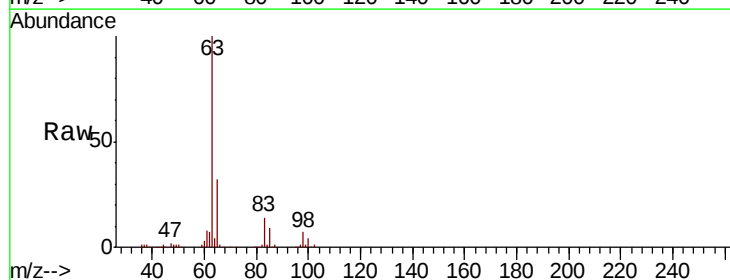
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

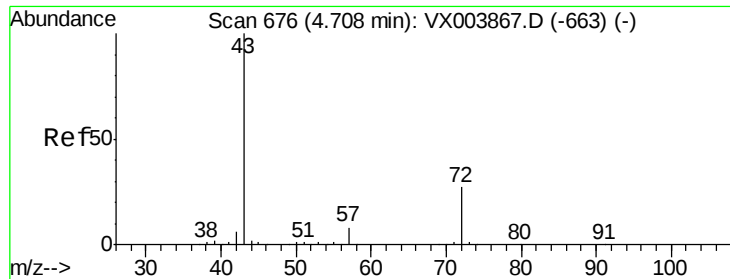
Tot Ion: 43 Resp: 2687335
 Ion Ratio Lower Upper
 43 100
 86 11.4 8.9 13.3



#24
 1,1-Dichloroethane
 Concen: 46.21 ug/l
 RT: 3.70 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VX003914.D
 Acq: 08 Aug 2018 07:37

Tgt Ion: 63 Resp: 364758
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.5 10.5
 100 4.5 2.3 6.8





#25

2-Butanone

Concen: 239.23 ug/l

RT: 4.71 min Scan# 676

Delta R.T. 0.00 min

Lab File: VX003914.D

Acq: 08 Aug 2018 07:37

Instrument :

MSVOA_X

ClientSampleId :

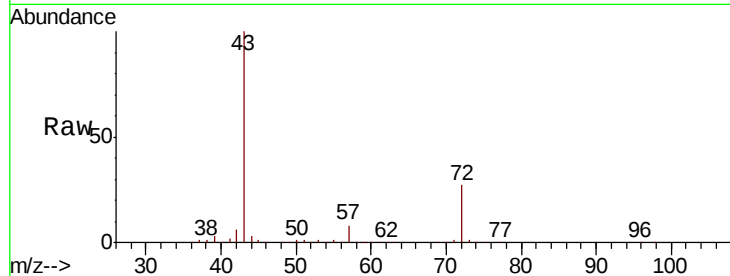
VSTDCCC050EC

Tot Ion: 43 Resp: 991061

Ion Ratio Lower Upper

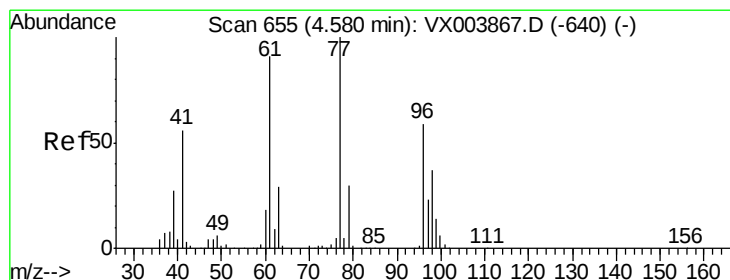
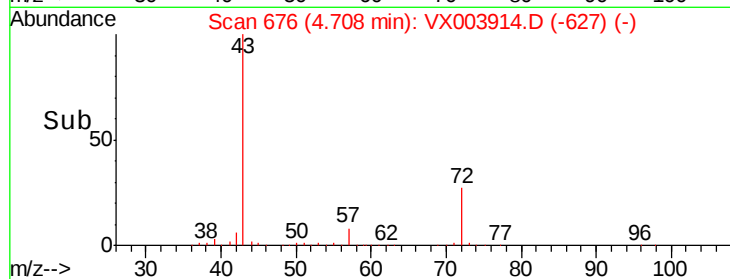
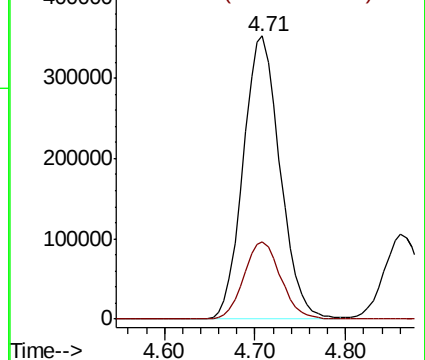
43 100

72 27.2 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: 22.05 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.01 min

Lab File: VX003914.D

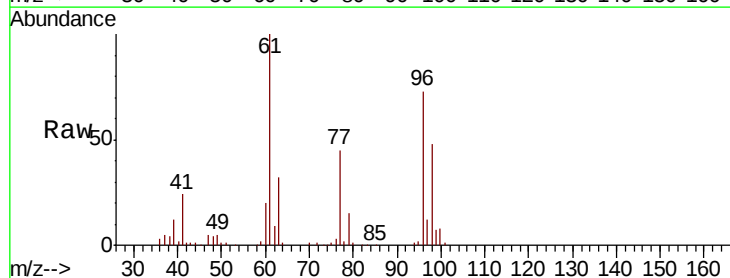
Acq: 08 Aug 2018 07:37

Tgt Ion: 77 Resp: 125523

Ion Ratio Lower Upper

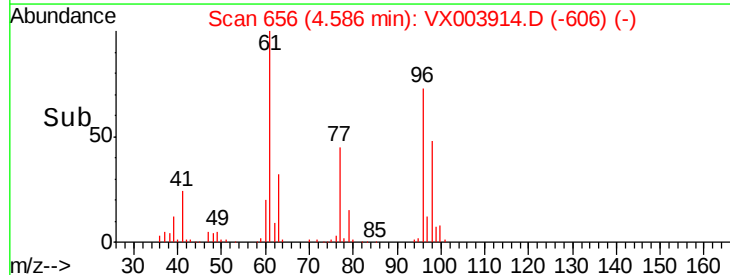
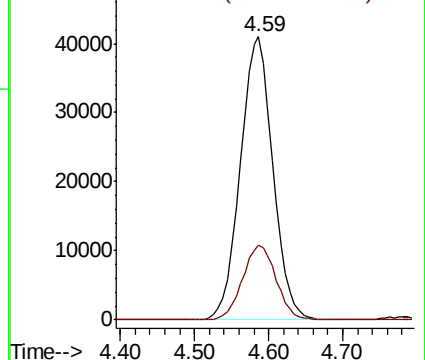
77 100

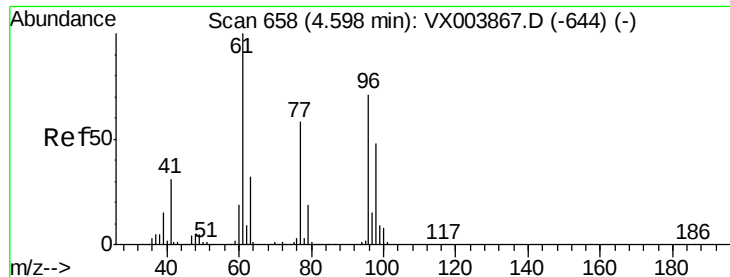
97 27.2 11.9 35.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



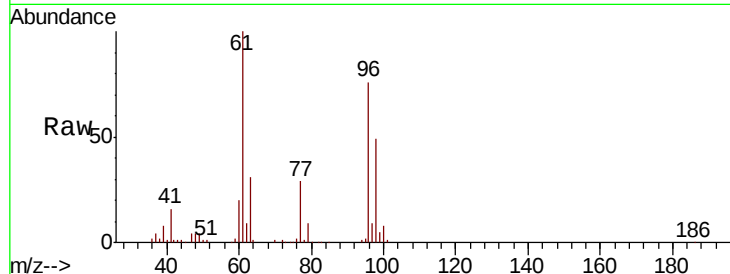


#27

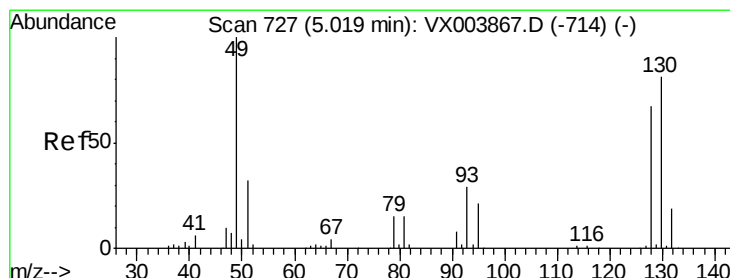
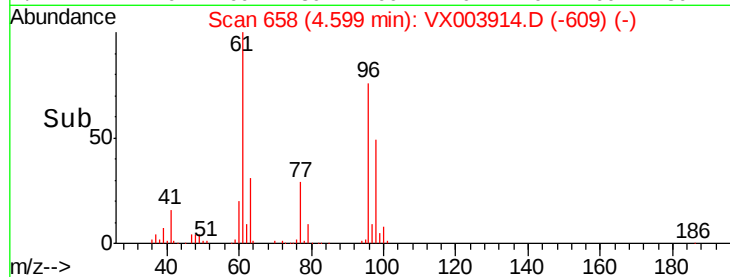
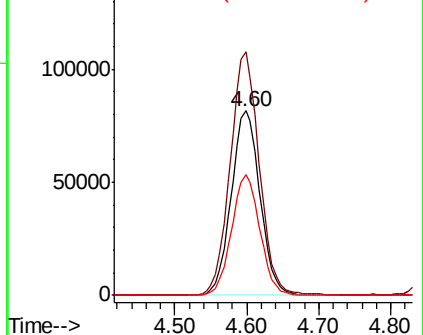
cis-1,2-Dichloroethene
Concen: 48.89 ug/l
RT: 4.60 min Scan# 658
Delta R.T. 0.00 min
Lab File: VX003914.D
Acq: 08 Aug 2018 07:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	96	Resp	225830
Ion Ratio	Lower	Upper	
96	100		
61	134.3	0.0	293.0
98	64.5	0.0	131.8



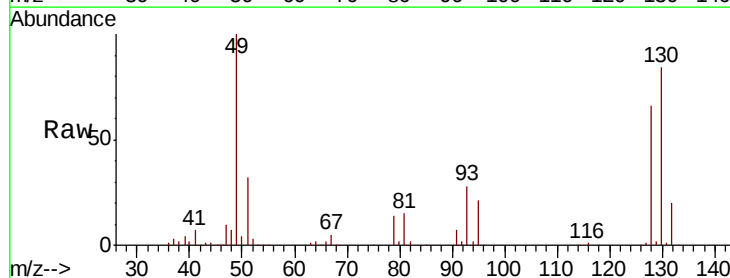
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



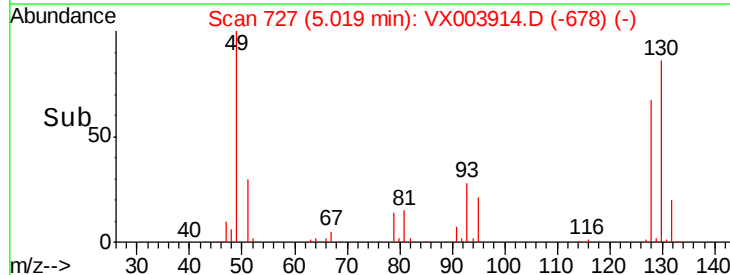
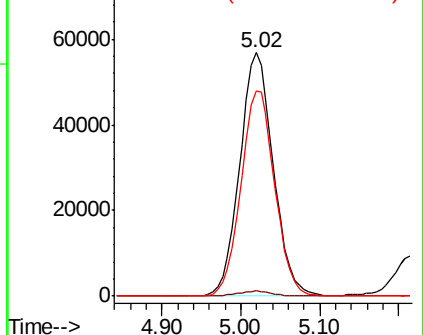
#28

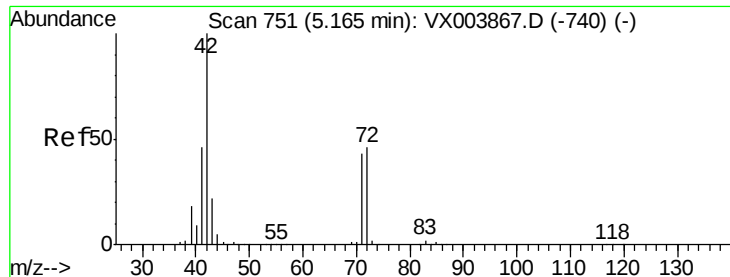
Bromochloromethane
Concen: 49.71 ug/l
RT: 5.02 min Scan# 727
Delta R.T. 0.00 min
Lab File: VX003914.D
Acq: 08 Aug 2018 07:37

Tgt Ion	49	Resp	167905
Ion Ratio	Lower	Upper	
49	100		
129	2.0	0.0	4.2
130	84.9	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: 238.27 ug/l

RT: 5.16 min Scan# 750

Delta R.T. -0.01 min

Lab File: VX003914.D

Acq: 08 Aug 2018 07:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

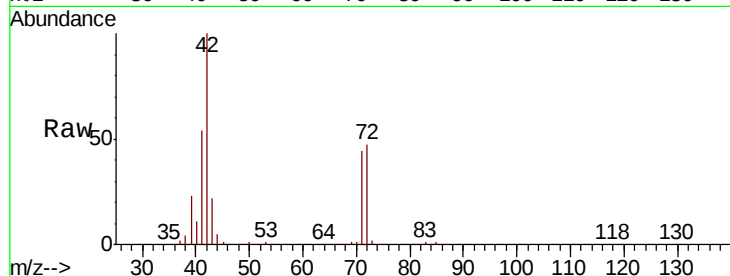
Tot Ion: 42 Resp: 507341

Ion Ratio Lower Upper

42 100

72 47.6 37.7 56.5

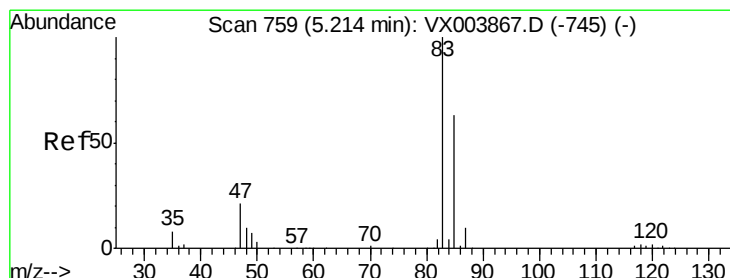
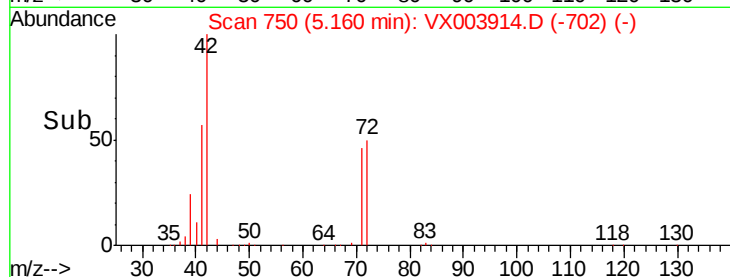
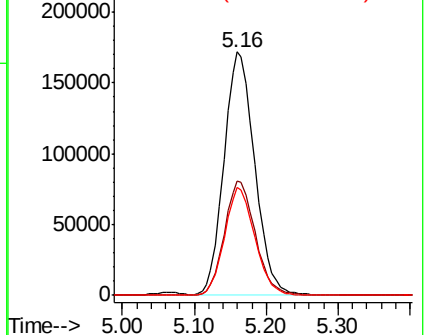
71 43.9 35.0 52.6



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: 49.46 ug/l

RT: 5.21 min Scan# 759

Delta R.T. 0.00 min

Lab File: VX003914.D

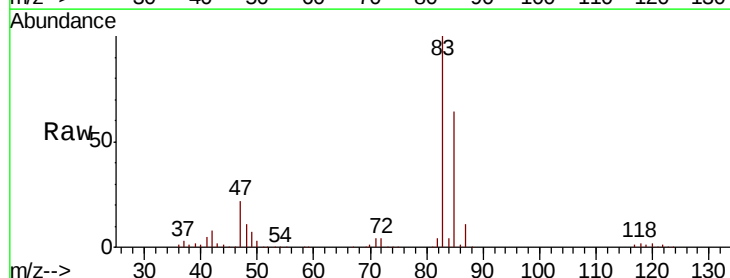
Acq: 08 Aug 2018 07:37

Tgt Ion: 83 Resp: 367550

Ion Ratio Lower Upper

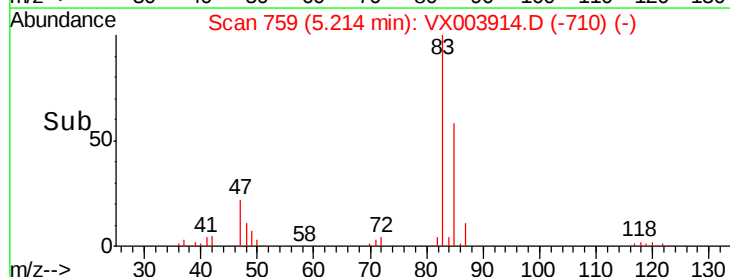
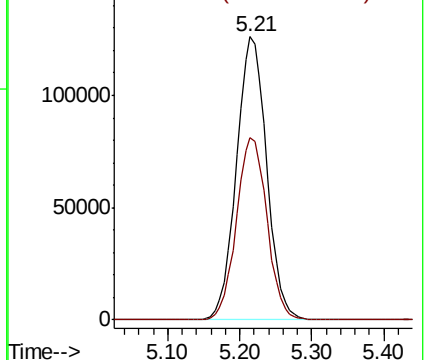
83 100

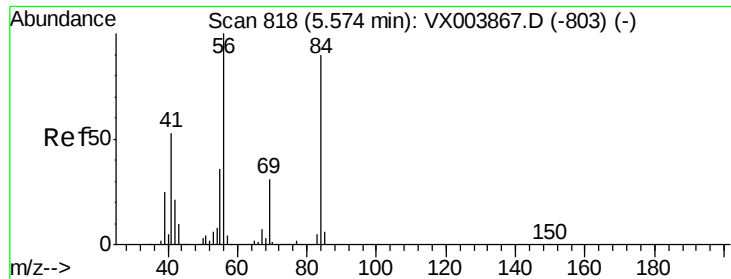
85 64.3 50.7 76.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

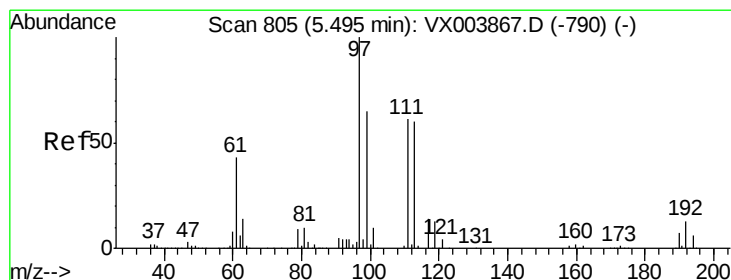
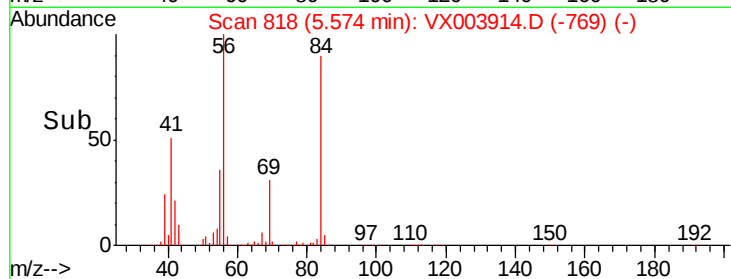
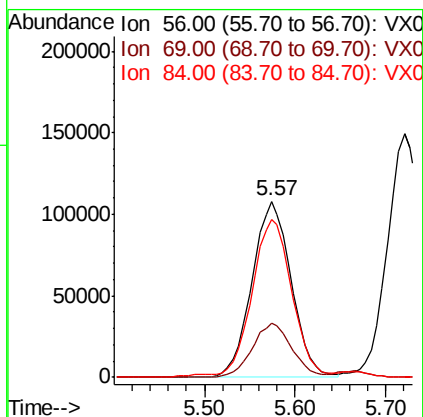
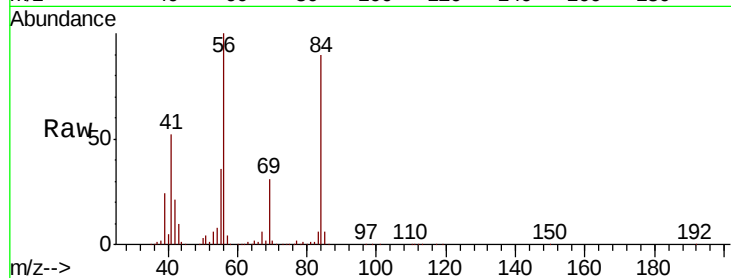




#31
Cyclohexane
Concen: 48.40 ug/l
RT: 5.57 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX003914.D
Acq: 08 Aug 2018 07:37

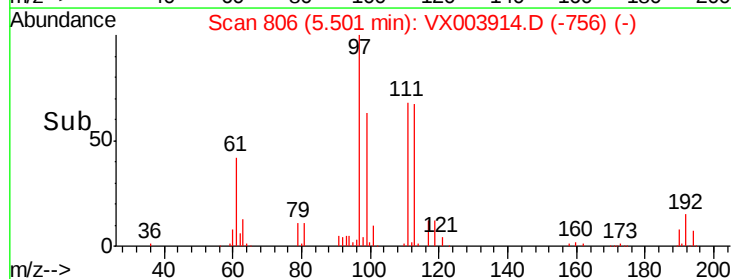
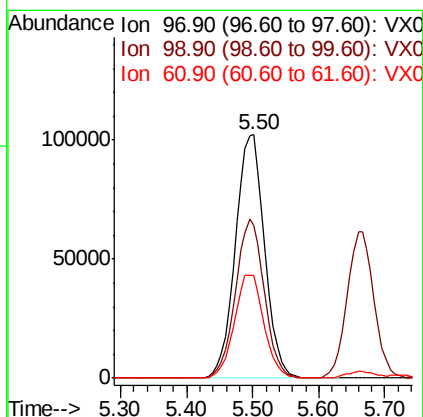
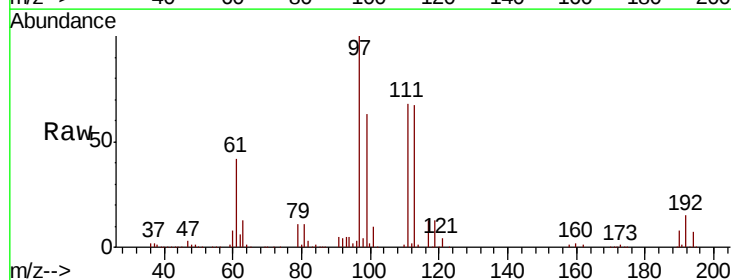
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

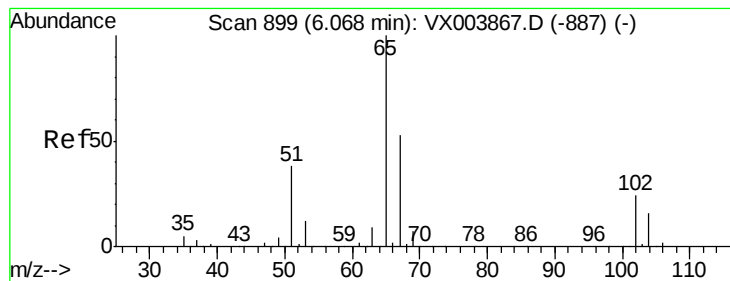
Tot Ion	Ratio	Lower	Upper
56	100		
69	31.1	24.9	37.3
84	88.5	71.7	107.5



#32
1,1,1-Trichloroethane
Concen: 50.23 ug/l
RT: 5.50 min Scan# 806
Delta R.T. 0.01 min
Lab File: VX003914.D
Acq: 08 Aug 2018 07:37

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.8	77.8
61	43.1	34.4	51.6





#33

1,2-Dichloroethane-d4

Concen: 50.32 ug/l

RT: 6.07 min Scan# 899

Delta R.T. 0.00 min

Lab File: VX003914.D

Acq: 08 Aug 2018 07:37

Instrument :

MSVOA_X

ClientSampleId :

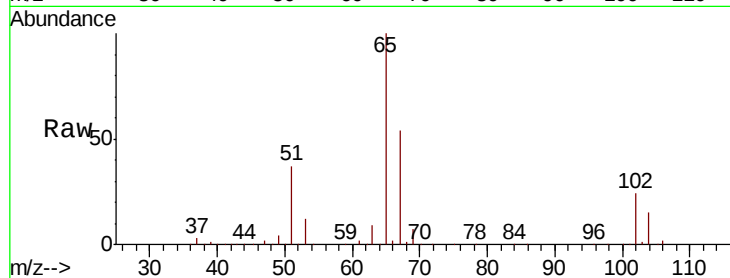
VSTDCCC050EC

Tot Ion: 65 Resp: 233042

Ion Ratio Lower Upper

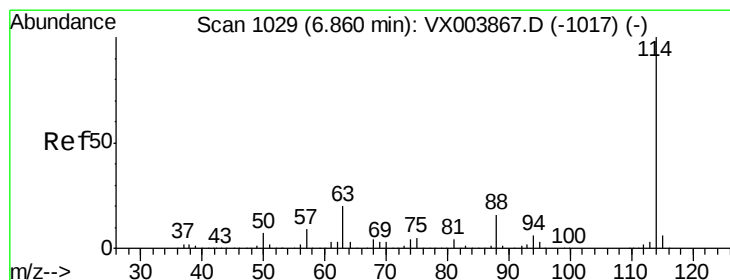
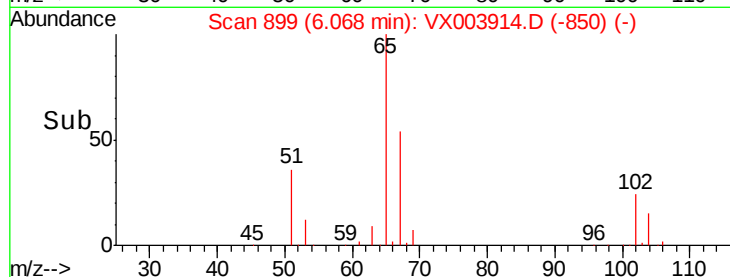
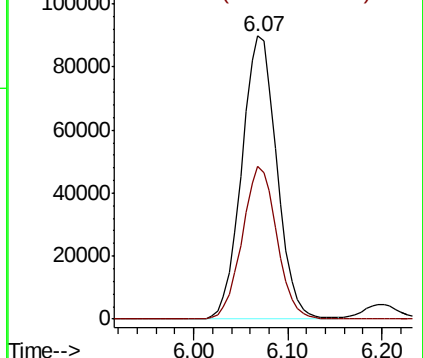
65 100

67 53.1 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VX003914.D

Acq: 08 Aug 2018 07:37

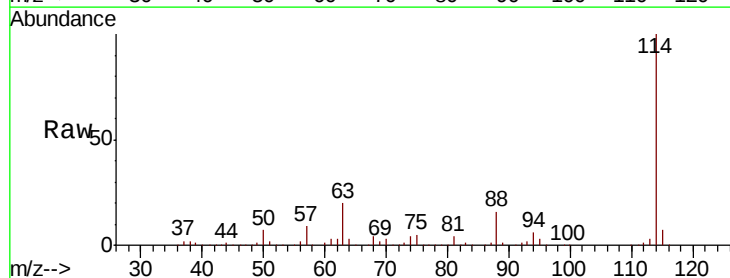
Tgt Ion: 114 Resp: 519016

Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.0

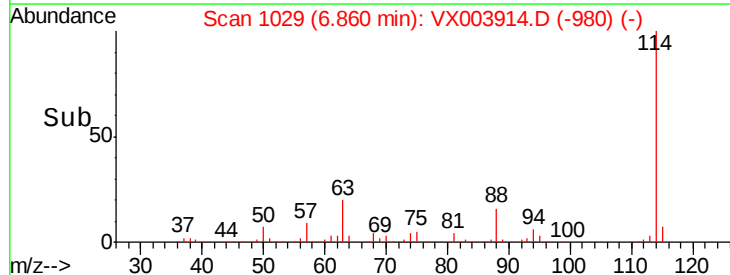
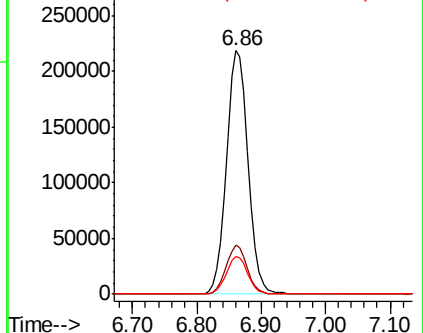
88 15.6 0.0 32.0

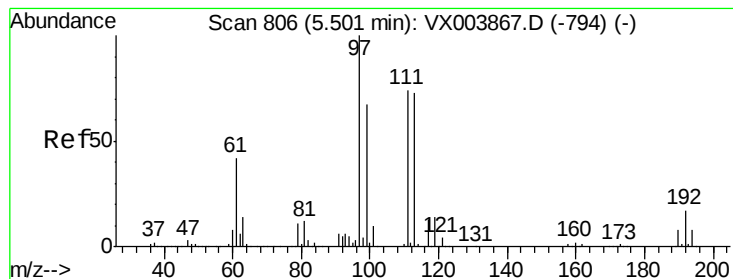


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.59 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX003914.D

Acq: 08 Aug 2018 07:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

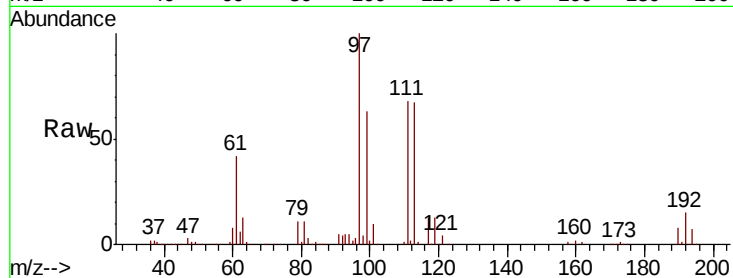
Tot Ion:113 Resp: 194980

Ion Ratio Lower Upper

113 100

111 102.6 82.0 123.0

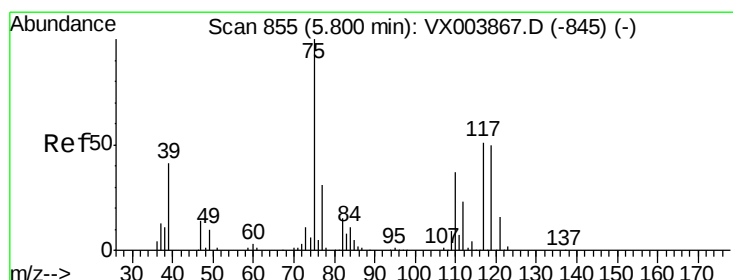
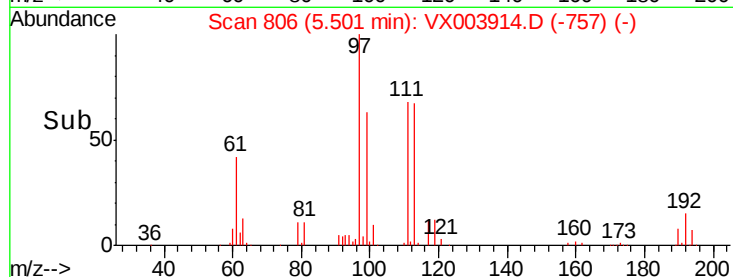
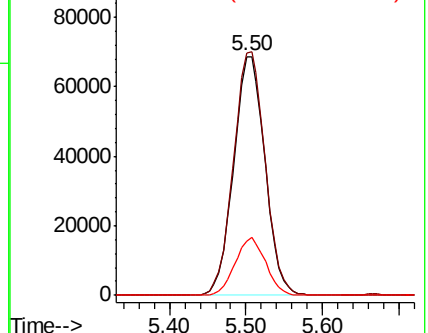
192 23.7 19.0 28.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.15 ug/l

RT: 5.80 min Scan# 855

Delta R.T. 0.00 min

Lab File: VX003914.D

Acq: 08 Aug 2018 07:37

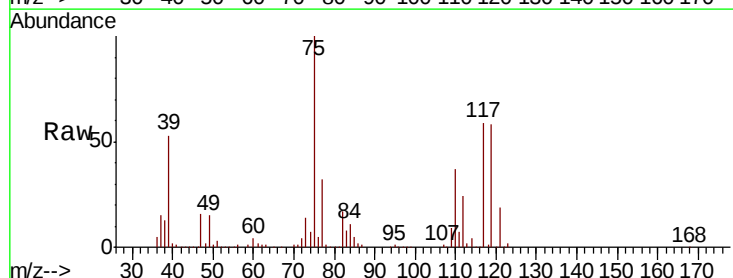
Tgt Ion: 75 Resp: 279904

Ion Ratio Lower Upper

75 100

110 36.8 18.2 54.6

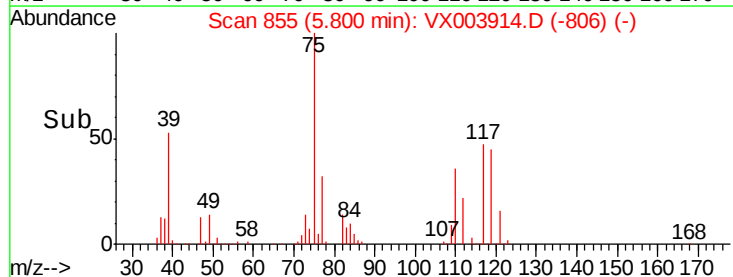
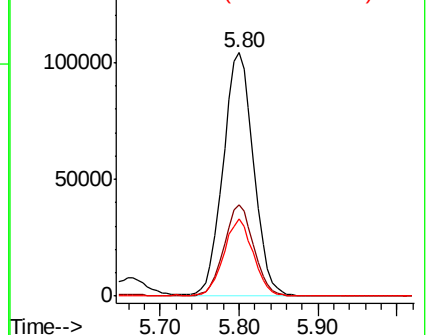
77 30.8 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

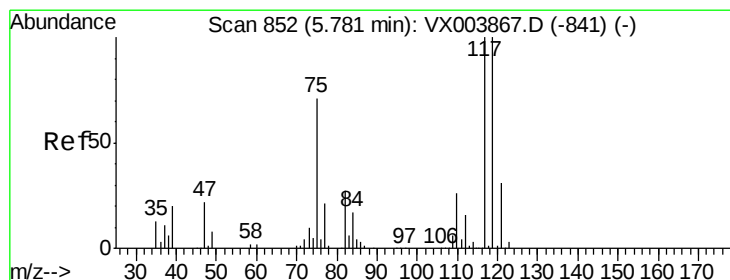
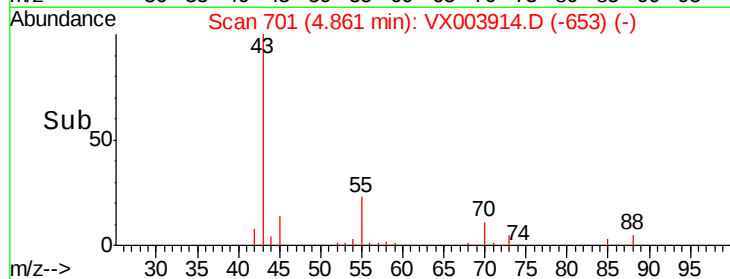
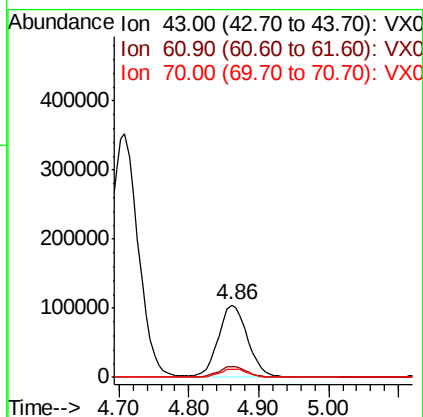
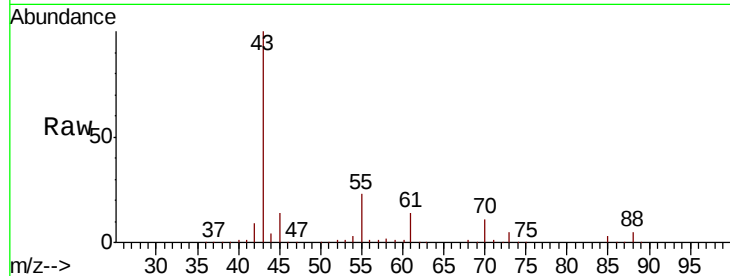




#37
Ethyl Acetate
Concen: 47.69 ug/l
RT: 4.86 min Scan# 701
Delta R.T. -0.01 min
Lab File: VX003914.D
Acq: 08 Aug 2018 07:37

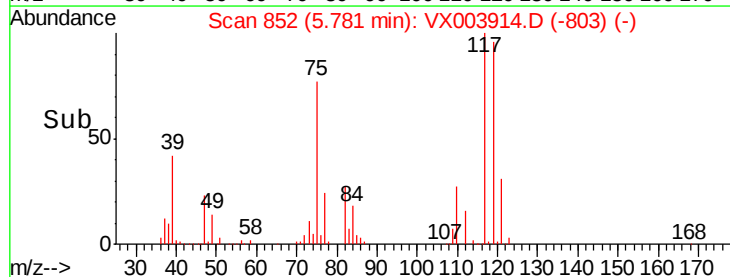
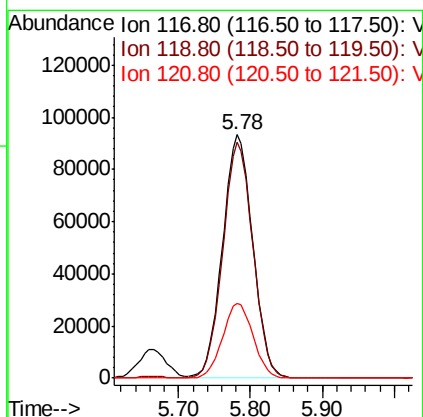
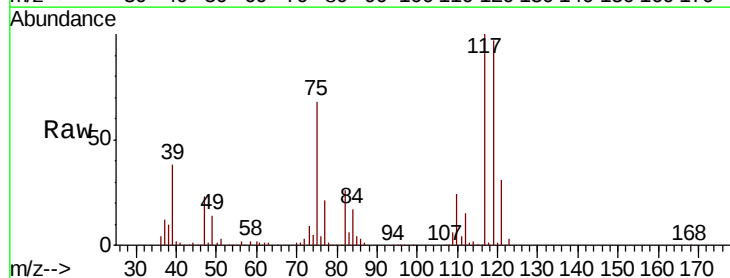
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

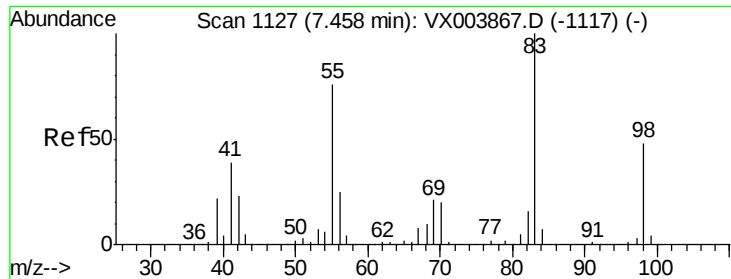
Tot Ion: 43 Resp: 304951
Ion Ratio Lower Upper
43 100
61 14.5 11.5 17.3
70 11.5 9.0 13.4



#38
Carbon Tetrachloride
Concen: 49.21 ug/l
RT: 5.78 min Scan# 852
Delta R.T. 0.00 min
Lab File: VX003914.D
Acq: 08 Aug 2018 07:37

Tgt Ion: 117 Resp: 272282
Ion Ratio Lower Upper
117 100
119 96.8 79.5 119.3
121 30.5 25.0 37.4

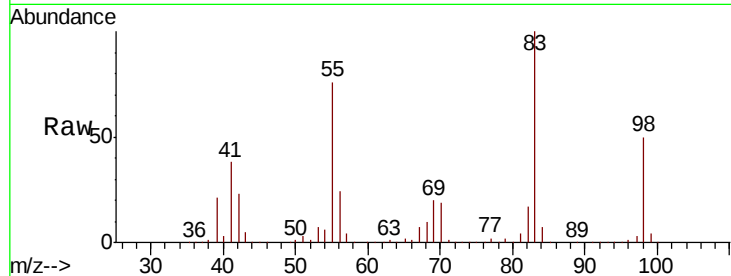




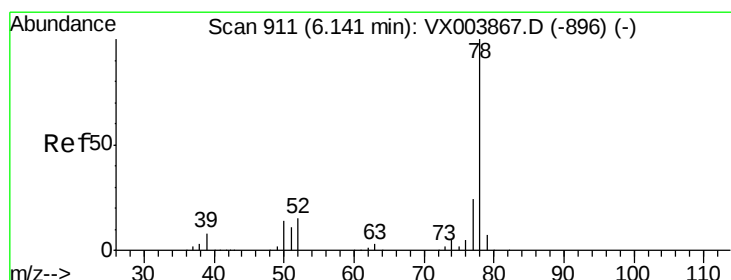
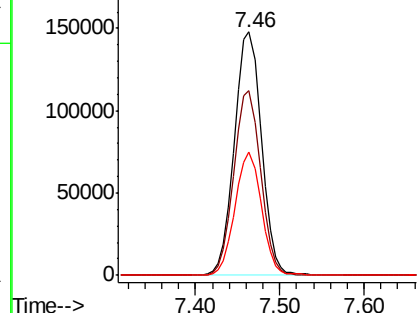
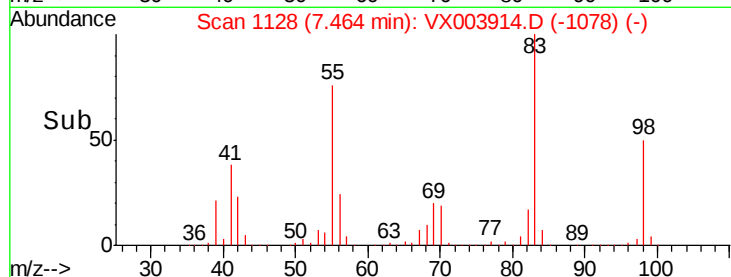
#39
Methvlcvclohexane
Concen: 46.95 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.01 min
Lab File: VX003914.D
Acq: 08 Aug 2018 07:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 321761
Ion Ratio Lower Upper
83 100
55 76.0 61.0 91.6
98 50.4 38.6 57.8

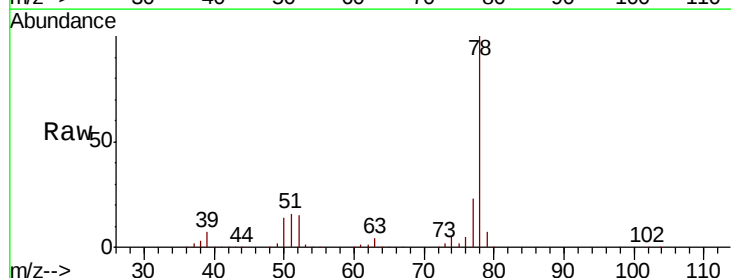


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

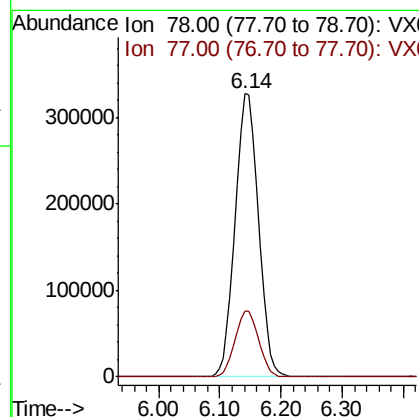
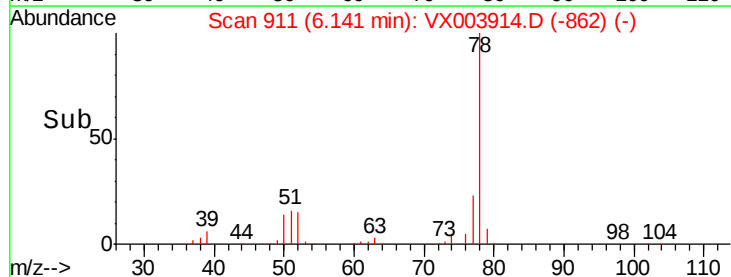


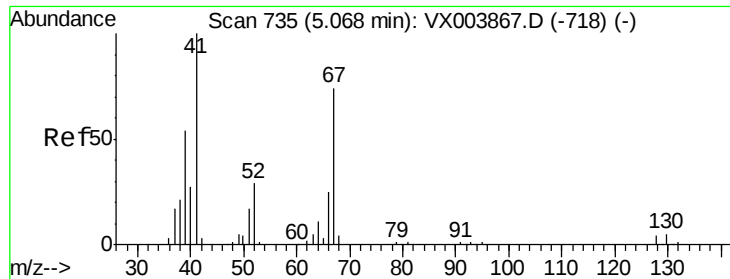
#40
Benzene
Concen: 49.13 ug/l
RT: 6.14 min Scan# 911
Delta R.T. 0.00 min
Lab File: VX003914.D
Acq: 08 Aug 2018 07:37

Tgt Ion: 78 Resp: 857543
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

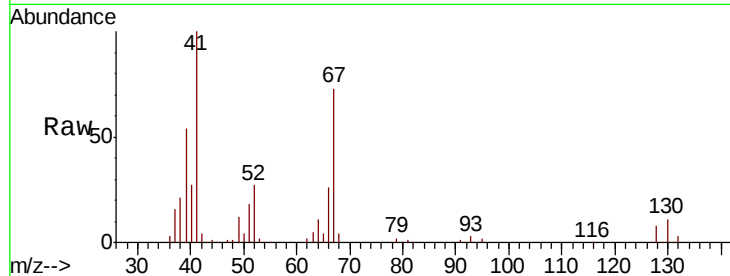




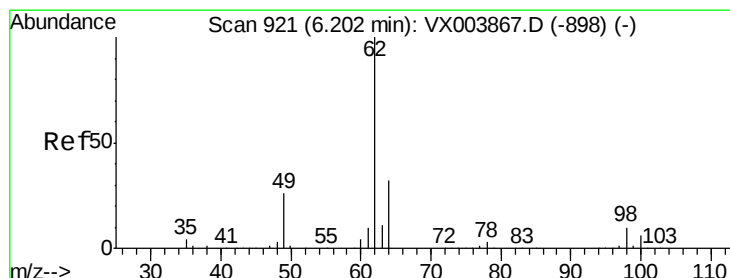
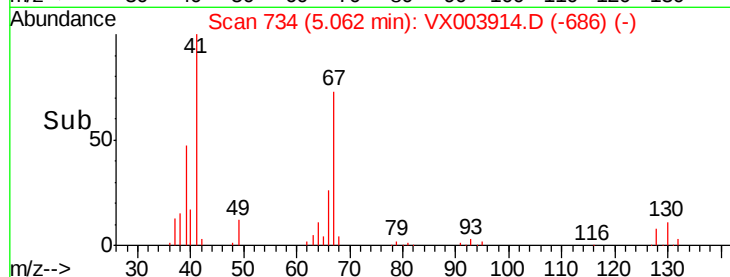
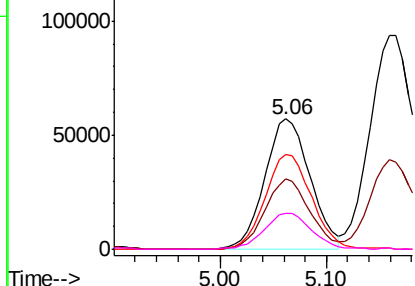
#41
Methacrylonitrile
Concen: 47.71 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX003914.D
Acq: 08 Aug 2018 07:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	168029
Ion	Ratio	Lower	Upper
41	100		
39	53.3	42.7	64.1
67	75.3	58.9	88.3
52	28.5	22.6	33.8

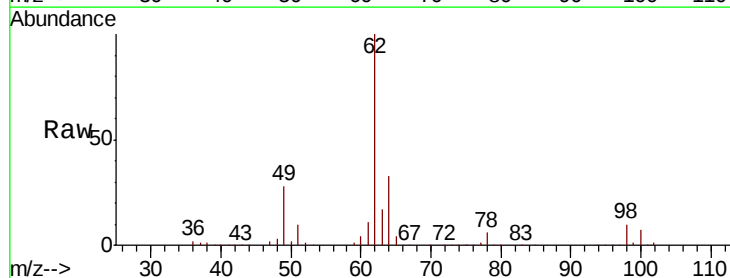


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

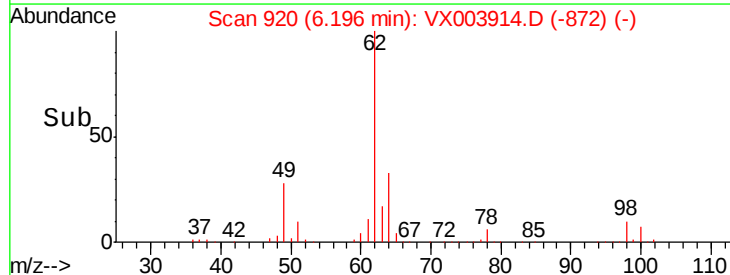
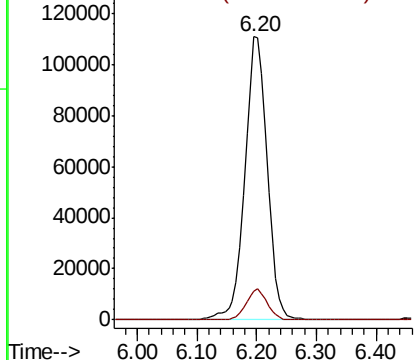


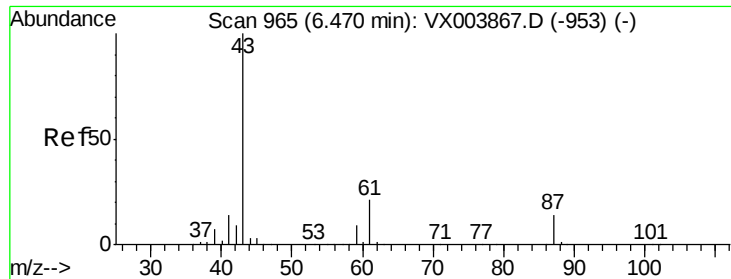
#42
1,2-Dichloroethane
Concen: 48.96 ug/l
RT: 6.20 min Scan# 920
Delta R.T. -0.01 min
Lab File: VX003914.D
Acq: 08 Aug 2018 07:37

Tgt Ion:	62	Resp:	288983
Ion	Ratio	Lower	Upper
62	100		
98	10.4	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: 49.11 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.01 min

Lab File: VX003914.D

Acq: 08 Aug 2018 07:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

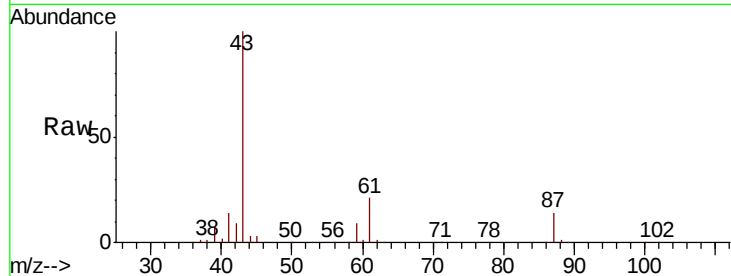
Tot Ion: 43 Resp: 472557

Ion Ratio Lower Upper

43 100

61 21.4 16.9 25.3

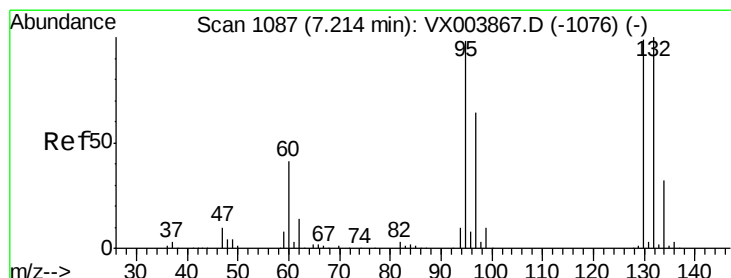
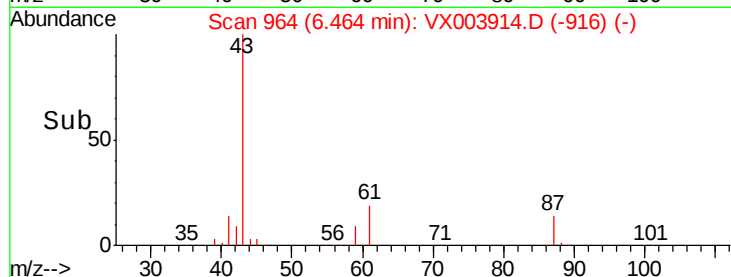
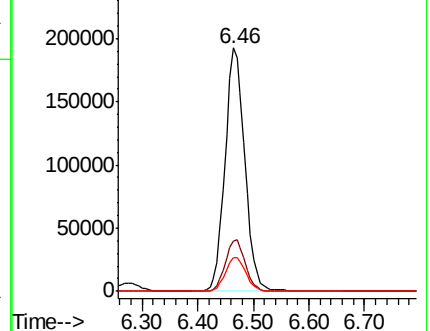
87 14.4 11.3 16.9



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: 48.16 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX003914.D

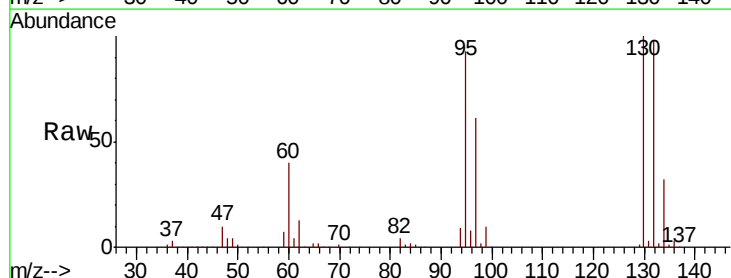
Acq: 08 Aug 2018 07:37

Tgt Ion: 130 Resp: 229895

Ion Ratio Lower Upper

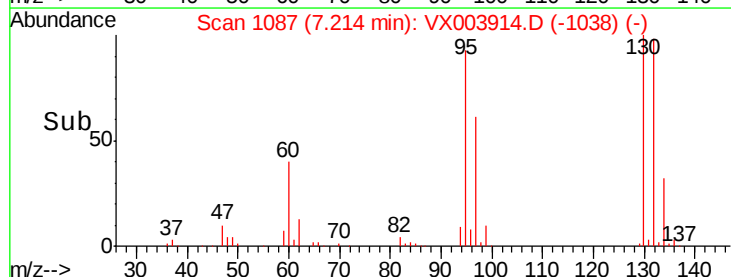
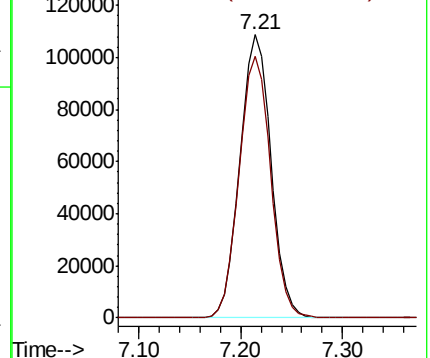
130 100

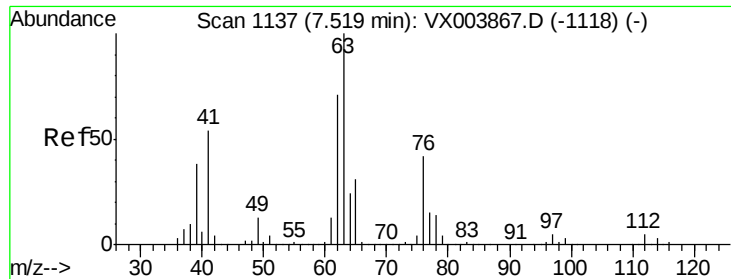
95 92.6 0.0 199.4



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

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

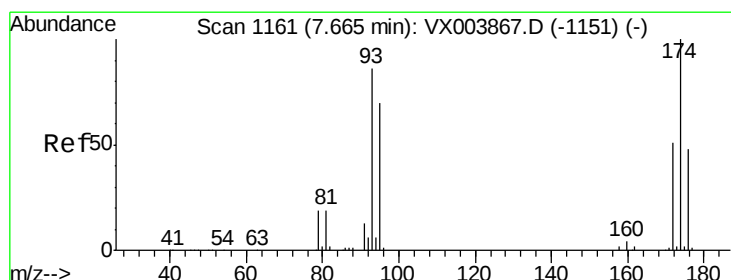
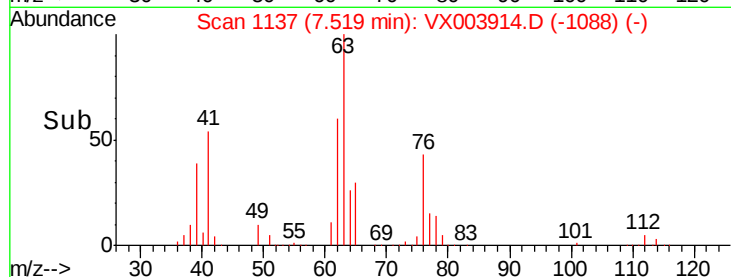
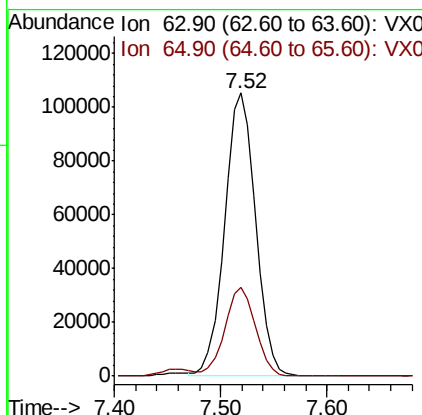
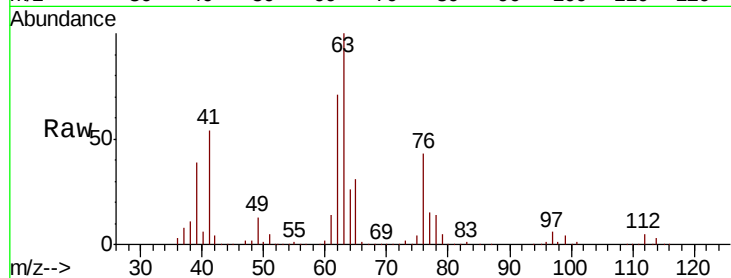




#45
 1,2-Dichloropropane
 Concen: 47.36 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX003914.D
 Acq: 08 Aug 2018 07:37

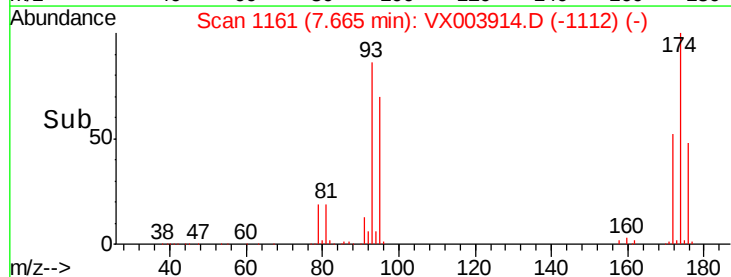
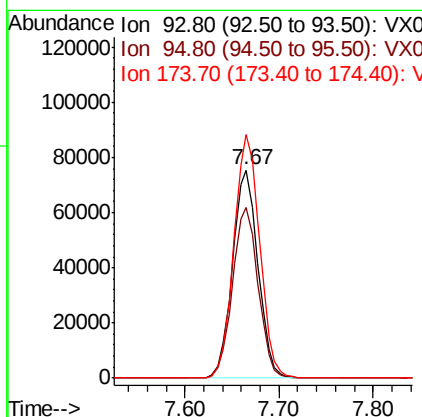
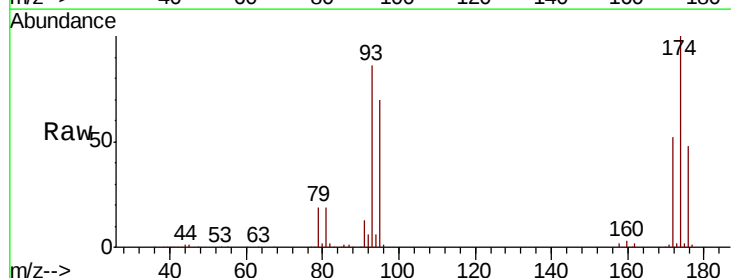
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

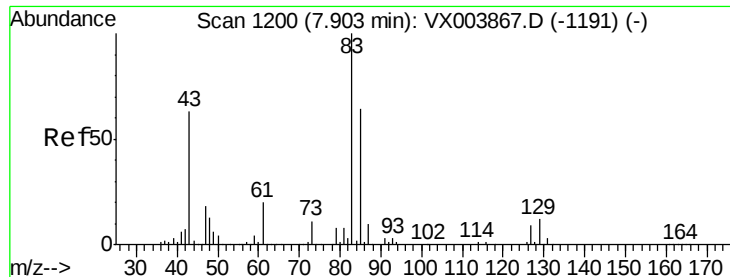
Tot Ion: 63 Resp: 213467
 Ion Ratio Lower Upper
 63 100
 65 31.2 24.6 36.8



#46
 Dibromomethane
 Concen: 48.28 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX003914.D
 Acq: 08 Aug 2018 07:37

Tgt Ion: 93 Resp: 141273
 Ion Ratio Lower Upper
 93 100
 95 82.8 66.4 99.6
 174 118.5 94.3 141.5





#47

Bromodichloromethane

Concen: 49.56 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003914.D

Acq: 08 Aug 2018 07:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

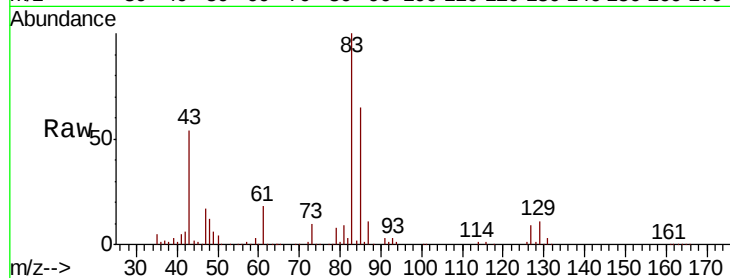
Tot Ion: 83 Resp: 273214

Ion Ratio Lower Upper

83 100

85 64.5 51.2 76.8

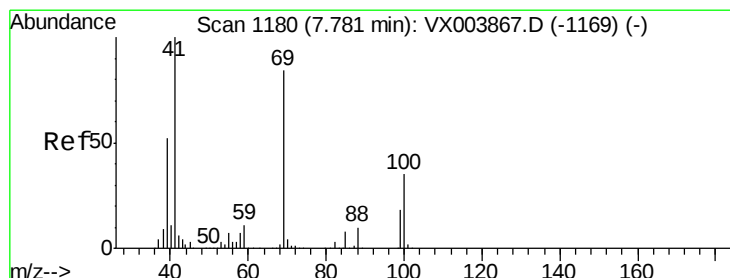
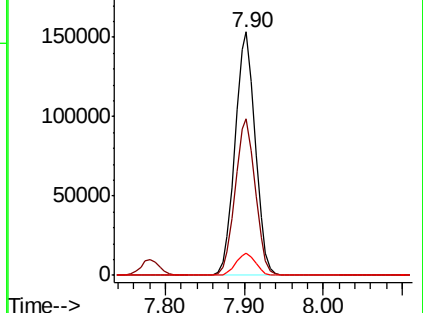
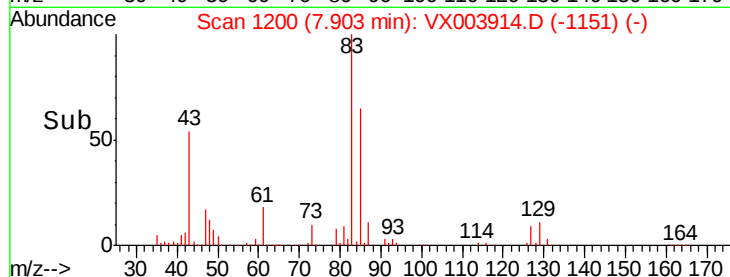
127 9.1 7.2 10.8



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: 50.29 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX003914.D

Acq: 08 Aug 2018 07:37

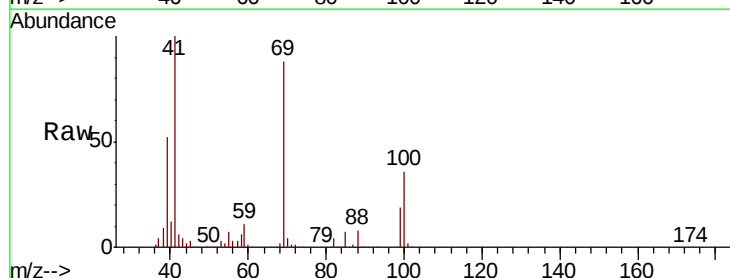
Tgt Ion: 41 Resp: 245979

Ion Ratio Lower Upper

41 100

69 87.5 68.8 103.2

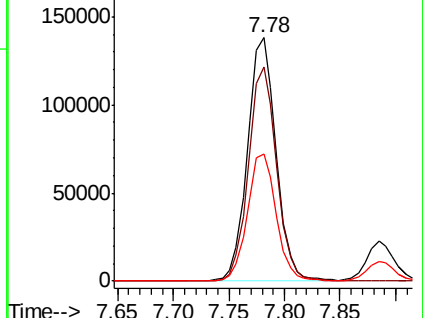
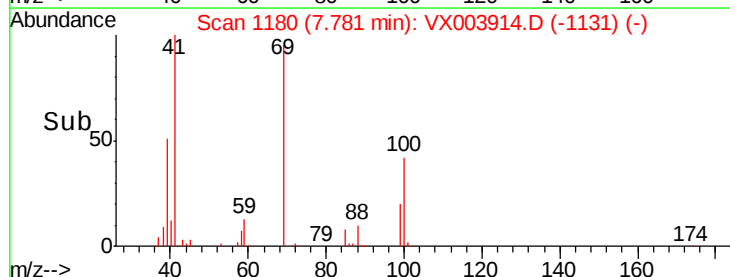
39 52.5 42.3 63.5

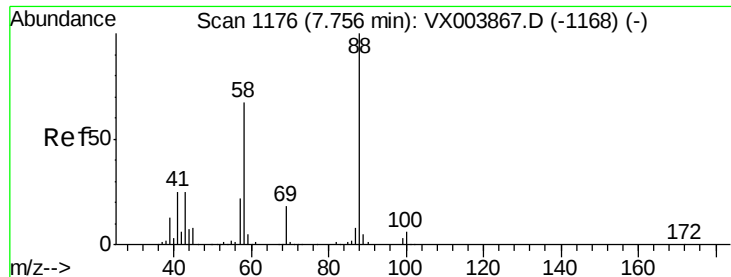


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

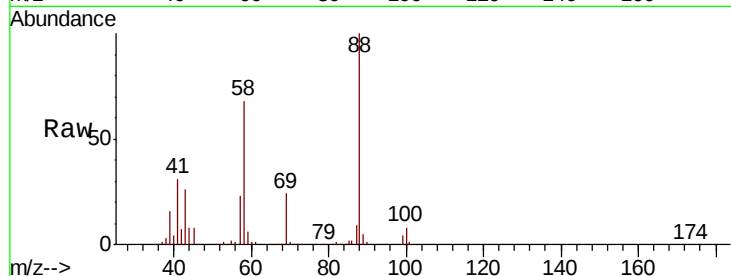




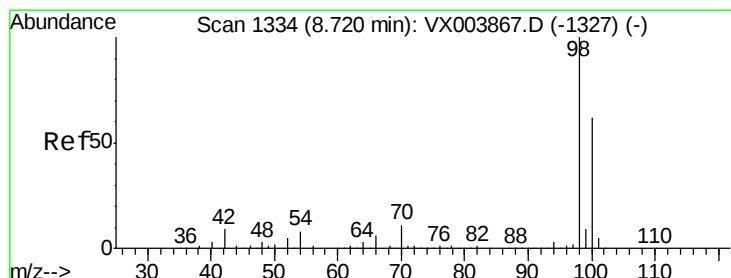
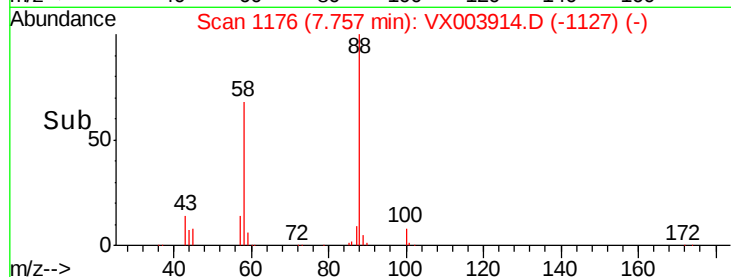
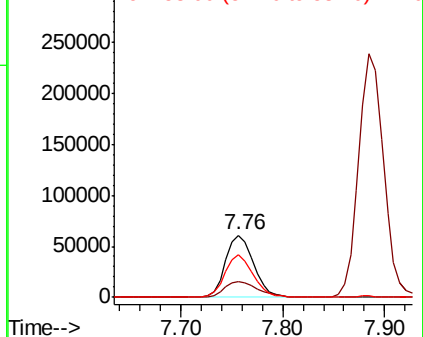
#49
1,4-Dioxane
Concen: 1006.30 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. 0.00 min
Lab File: VX003914.D
Acq: 08 Aug 2018 07:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 88 Resp: 115955
Ion Ratio Lower Upper
88 100
43 29.3 23.8 35.8
58 68.7 55.4 83.0

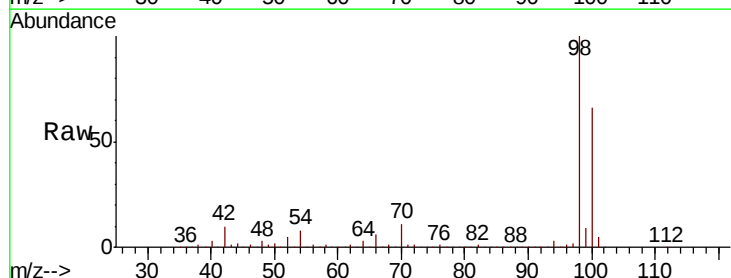


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

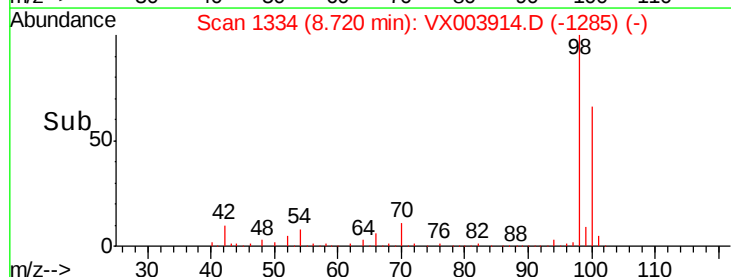
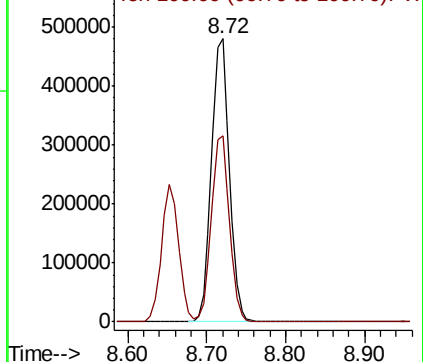


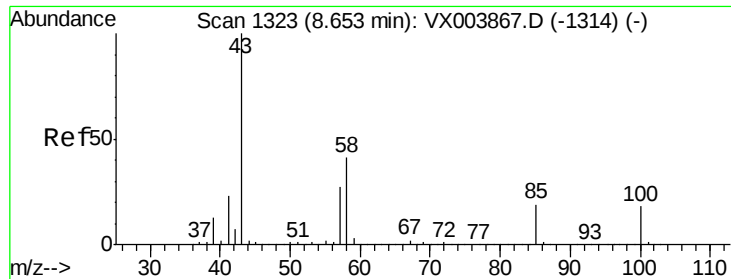
#50
Toluene-d8
Concen: 49.91 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003914.D
Acq: 08 Aug 2018 07:37

Tgt Ion: 98 Resp: 763081
Ion Ratio Lower Upper
98 100
100 66.3 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 246.38 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX003914.D

Acq: 08 Aug 2018 07:37

Instrument :

MSVOA_X

ClientSampleId :

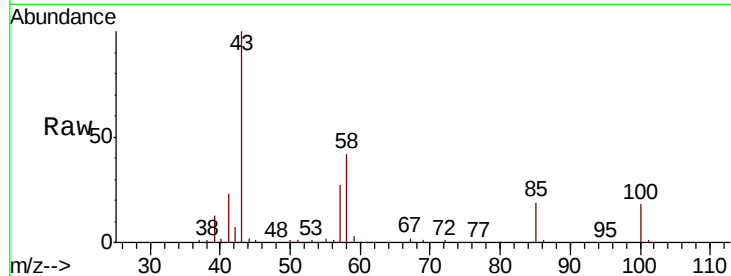
VSTDCCC050EC

Tot Ion: 43 Resp: 1965114

Ion Ratio Lower Upper

43 100

58 42.0 33.0 49.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

1500000

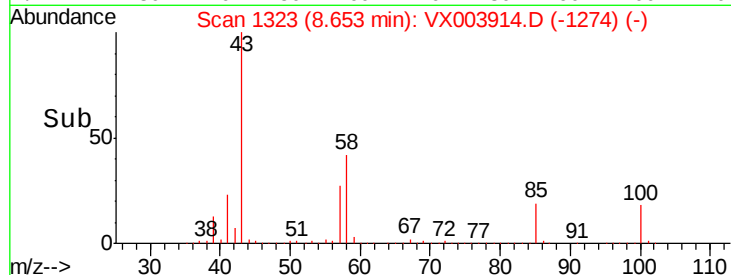
1000000

500000

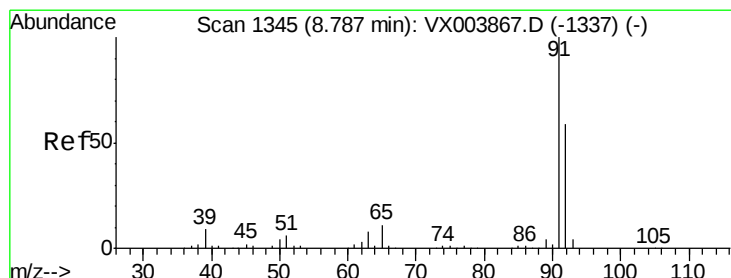
0

8.65

8.60 8.70 8.80



Time-->



#52

Toluene

Concen: 49.65 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003914.D

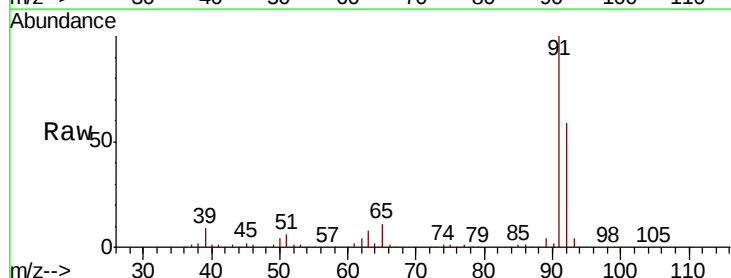
Acq: 08 Aug 2018 07:37

Tgt Ion: 92 Resp: 547590

Ion Ratio Lower Upper

92 100

91 169.3 136.1 204.1



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

600000

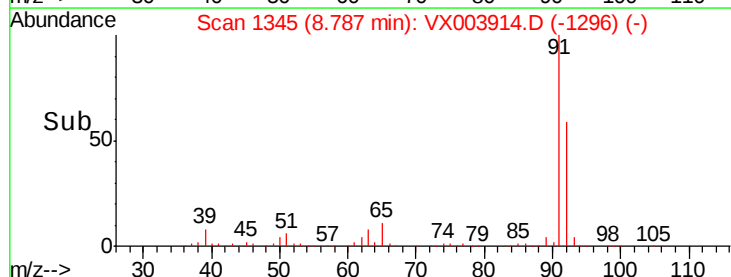
400000

200000

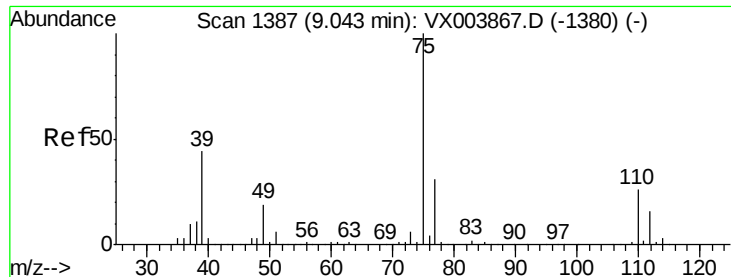
0

8.79

8.70 8.80 8.90 9.00



Time-->



#53

t-1,3-Dichloropropene

Concen: 44.68 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VX003914.D

Acq: 08 Aug 2018 07:37

Instrument :

MSVOA_X

ClientSampleId :

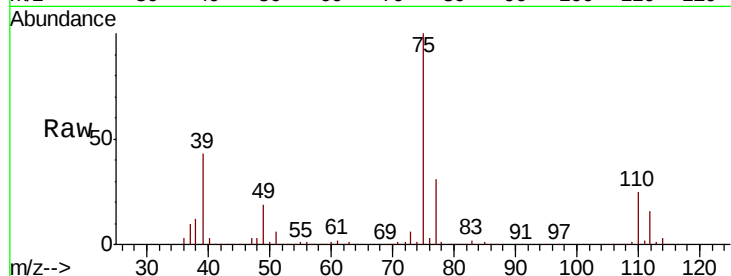
VSTDCCC050EC

Tot Ion: 75 Resp: 278418

Ion Ratio Lower Upper

75 100

77 31.1 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

200000

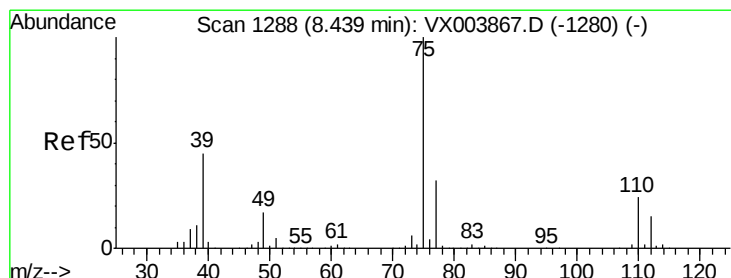
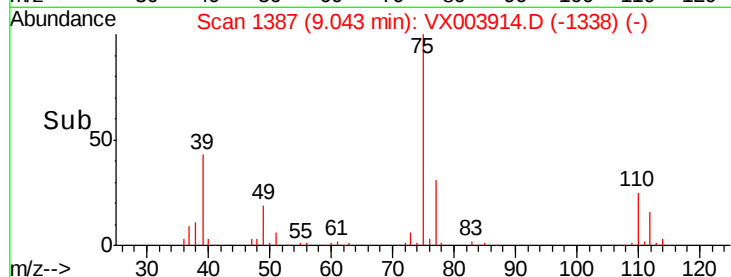
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 45.44 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX003914.D

Acq: 08 Aug 2018 07:37

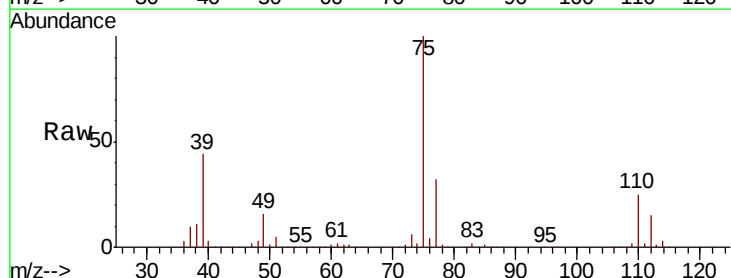
Tgt Ion: 75 Resp: 305279

Ion Ratio Lower Upper

75 100

77 32.1 25.3 37.9

39 43.8 36.2 54.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.44

250000

200000

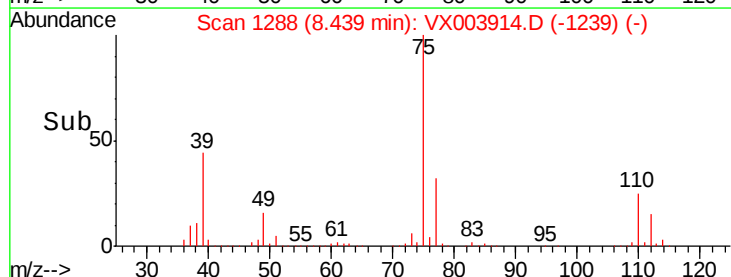
150000

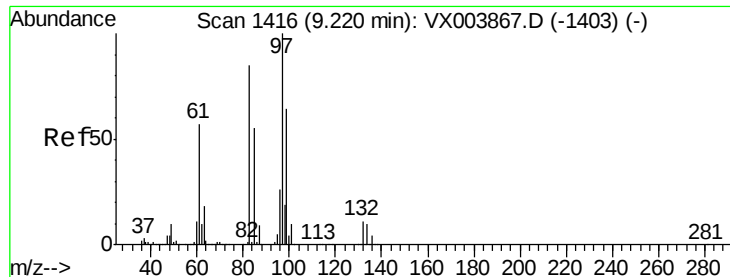
100000

50000

0

Time-->

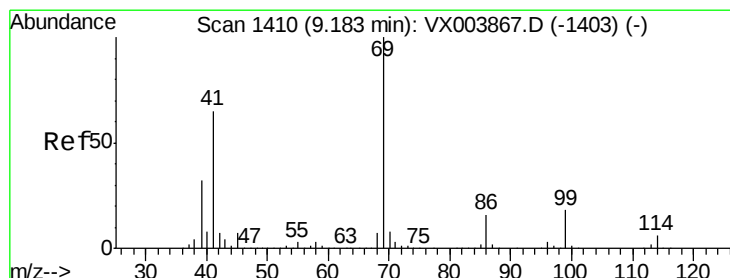
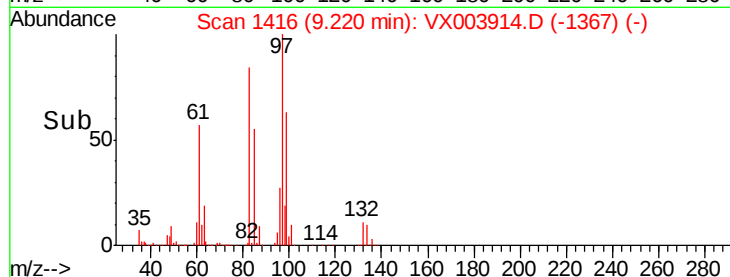
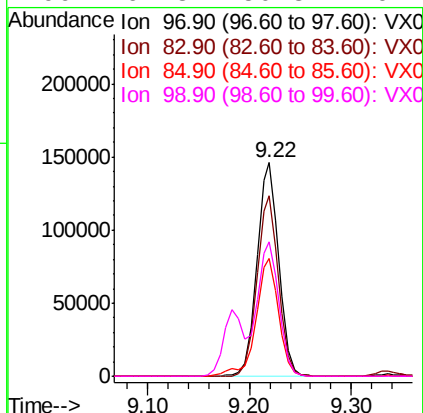
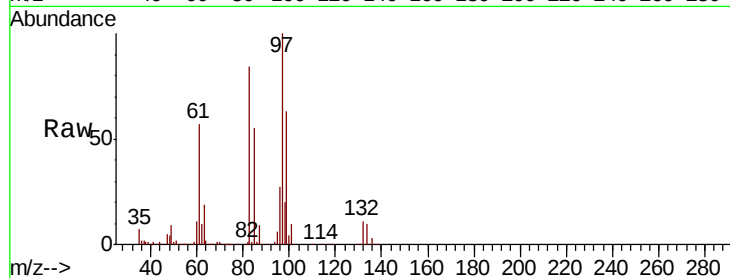




#55
 1,1,2-Trichloroethane
 Concen: 48.53 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003914.D
 Acq: 08 Aug 2018 07:37

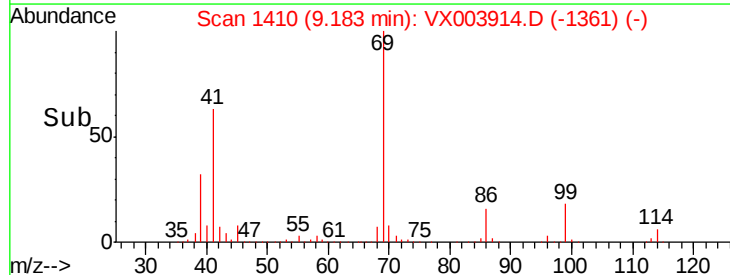
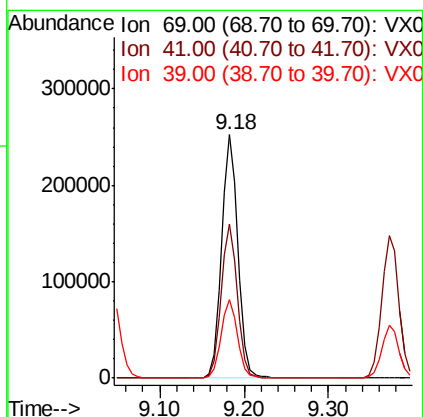
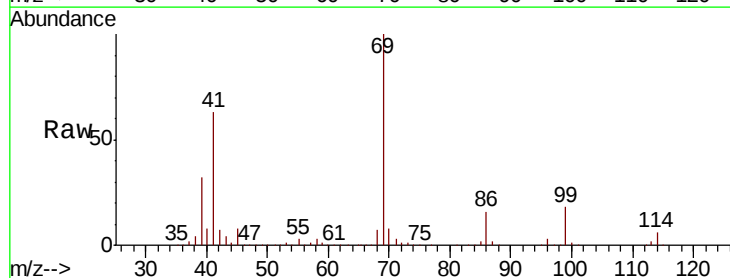
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

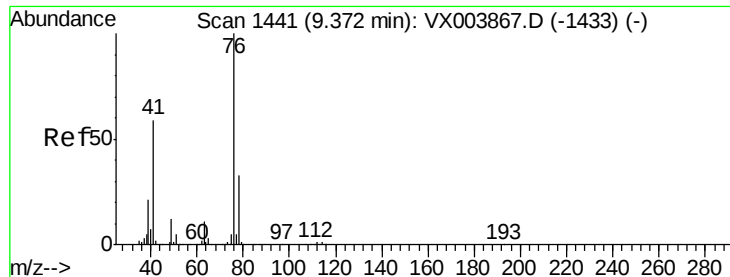
Tot Ion:	97	Resp:	218717
Ion	Ratio	Lower	Upper
97	100		
83	84.3	67.8	101.6
85	54.9	44.2	66.2
99	62.8	50.8	76.2



#56
 Ethyl methacrylate
 Concen: 51.68 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX003914.D
 Acq: 08 Aug 2018 07:37

Tgt Ion:	69	Resp:	337915
Ion	Ratio	Lower	Upper
69	100		
41	63.1	50.6	76.0
39	32.5	25.8	38.6





#57

1,3-Dichloropropane

Concen: 49.42 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. 0.00 min

Lab File: VX003914.D

Acq: 08 Aug 2018 07:37

Instrument :

MSVOA_X

ClientSampleId :

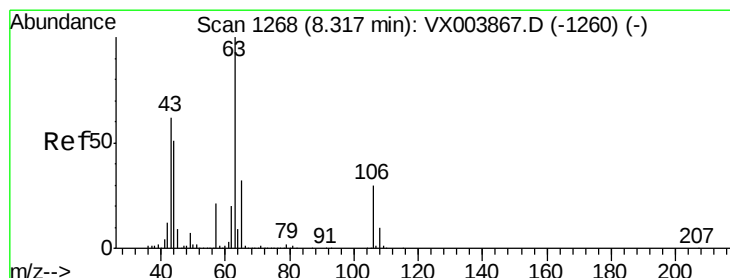
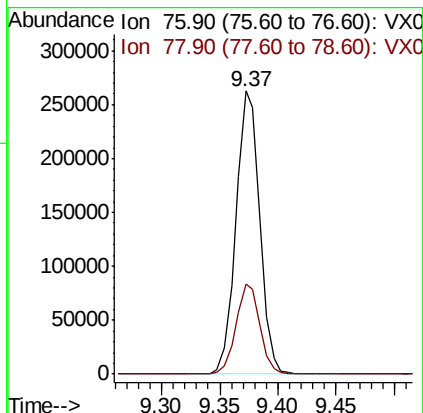
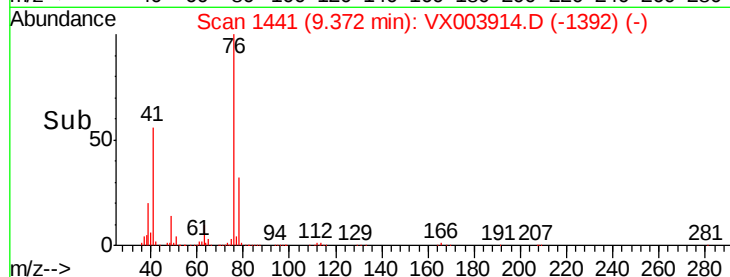
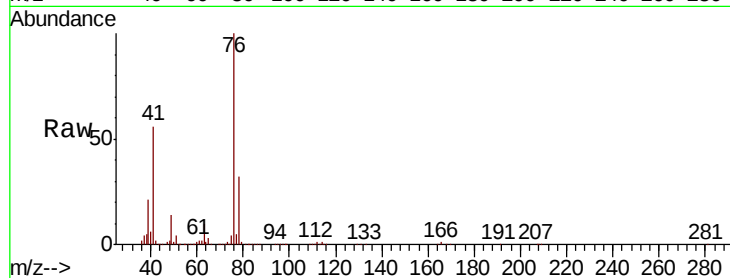
VSTDCCC050EC

Tot Ion: 76 Resp: 372764

Ion Ratio Lower Upper

76 100

78 32.1 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 255.33 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VX003914.D

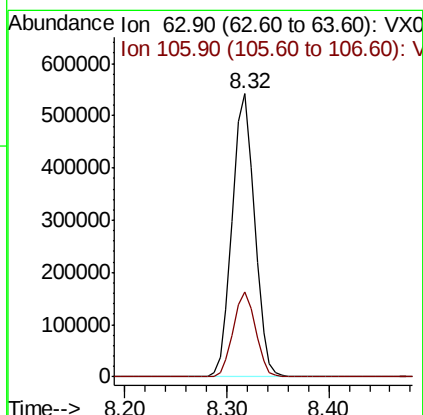
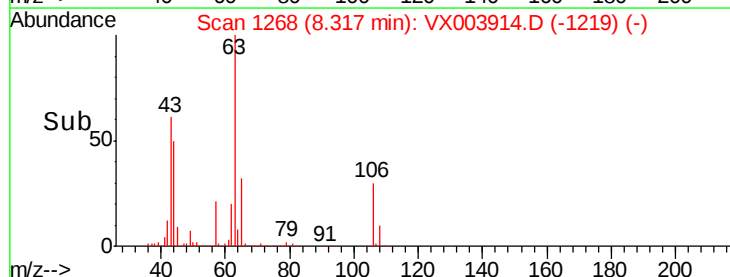
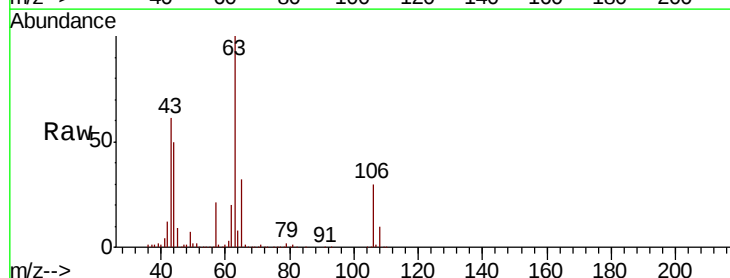
Acq: 08 Aug 2018 07:37

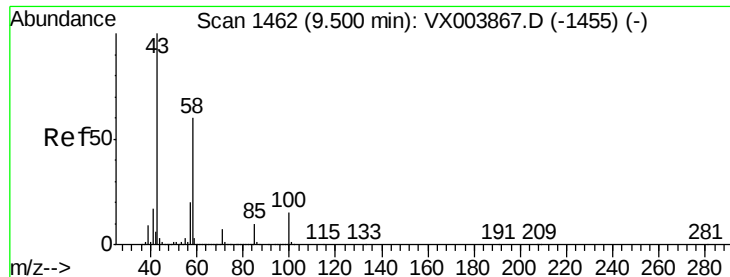
Tgt Ion: 63 Resp: 821017

Ion Ratio Lower Upper

63 100

106 30.1 23.8 35.8

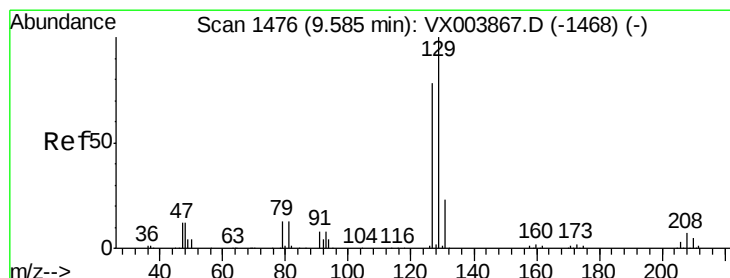
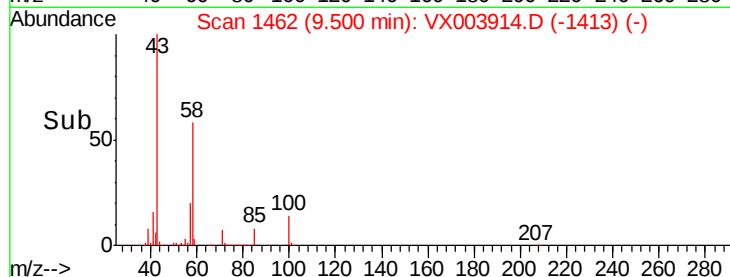
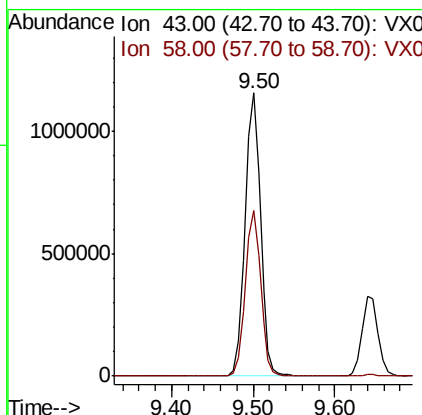
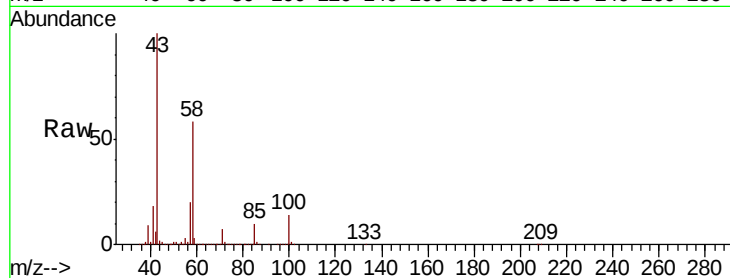




#59
2-Hexanone
Concen: 252.82 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003914.D
Acq: 08 Aug 2018 07:37

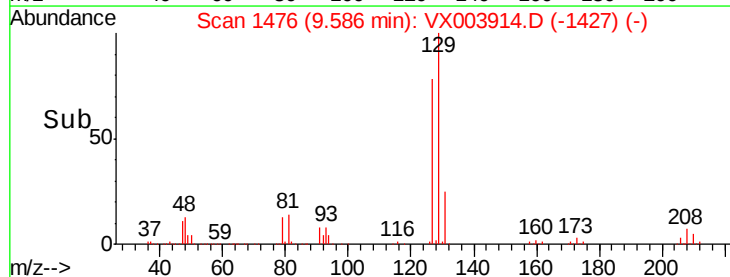
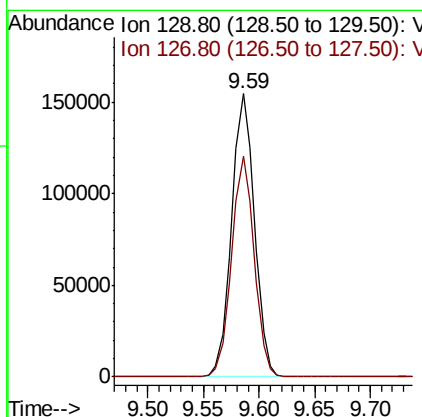
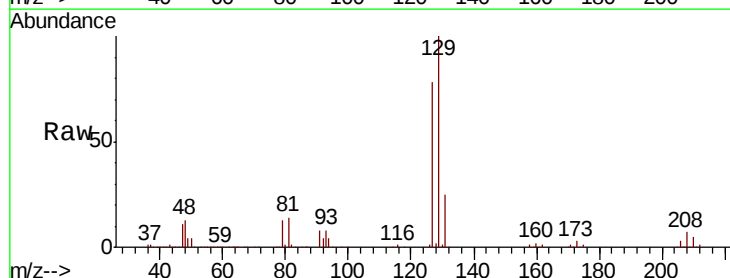
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

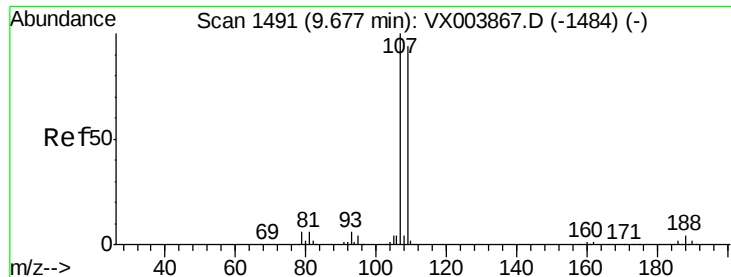
Tot Ion: 43 Resp: 1507320
Ion Ratio Lower Upper
43 100
58 58.4 29.0 87.0



#60
Dibromochloromethane
Concen: 52.33 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003914.D
Acq: 08 Aug 2018 07:37

Tgt Ion:129 Resp: 219885
Ion Ratio Lower Upper
129 100
127 76.7 38.8 116.3





#61

1,2-Dibromoethane

Concen: 51.10 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003914.D

Acq: 08 Aug 2018 07:37

Instrument :

MSVOA_X

ClientSampleId :

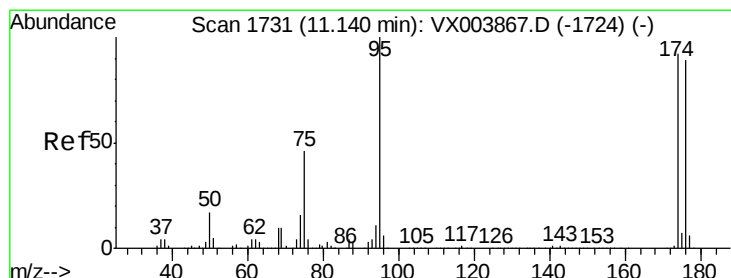
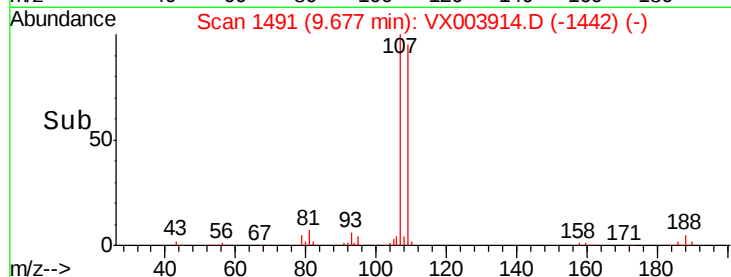
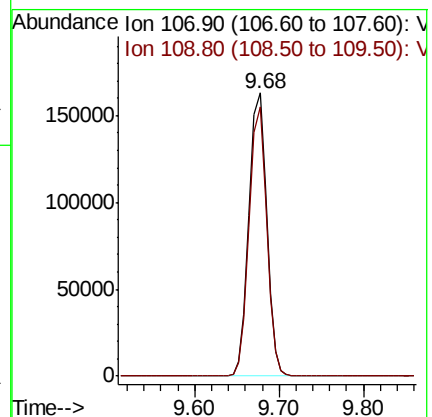
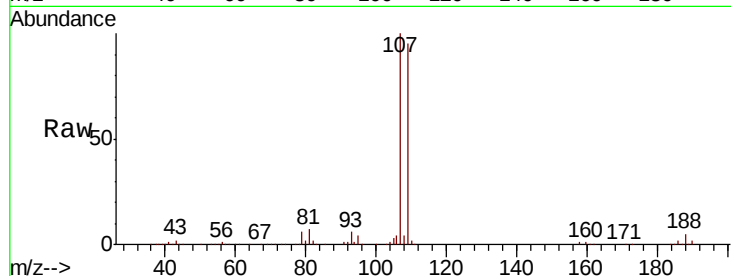
VSTDCCC050EC

Tot Ion:107 Resp: 230595

Ion Ratio Lower Upper

107 100

109 93.9 75.8 113.8



#62

4-Bromofluorobenzene

Concen: 57.07 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003914.D

Acq: 08 Aug 2018 07:37

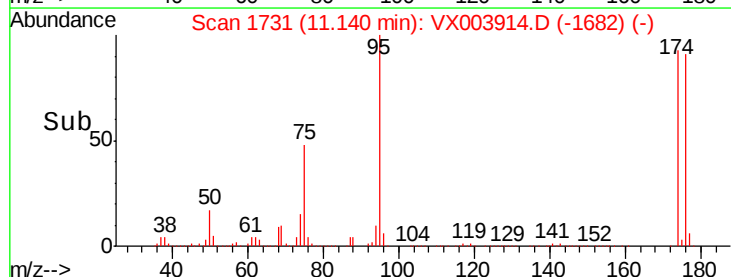
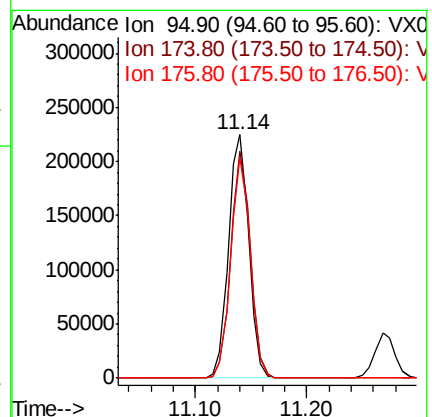
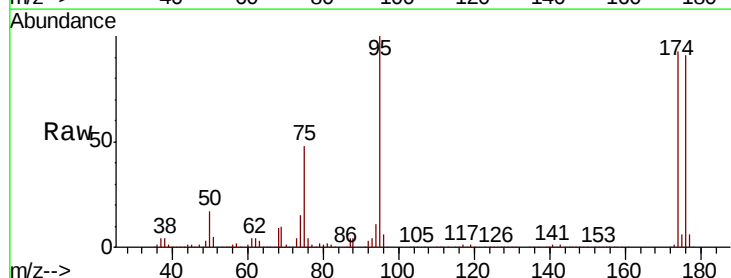
Tgt Ion: 95 Resp: 282337

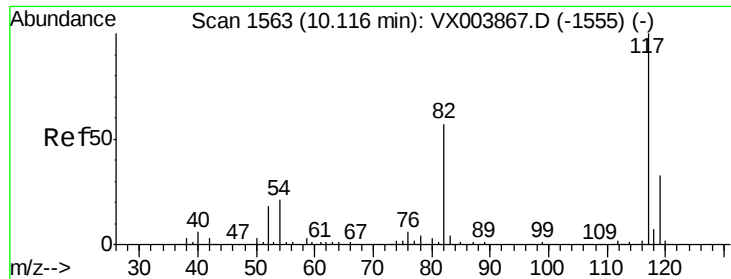
Ion Ratio Lower Upper

95 100

174 90.1 0.0 182.8

176 87.8 0.0 179.0

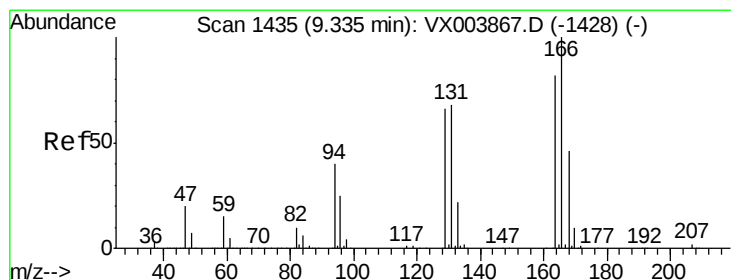
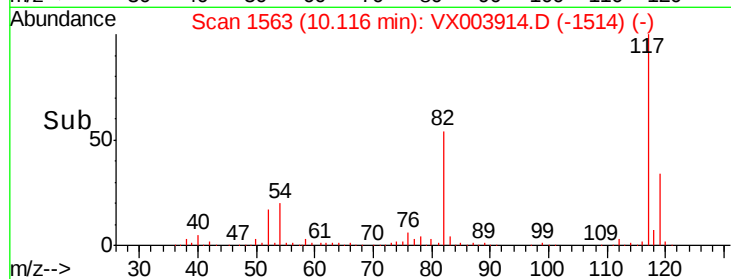
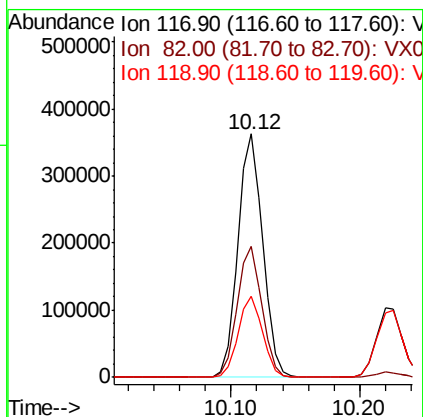
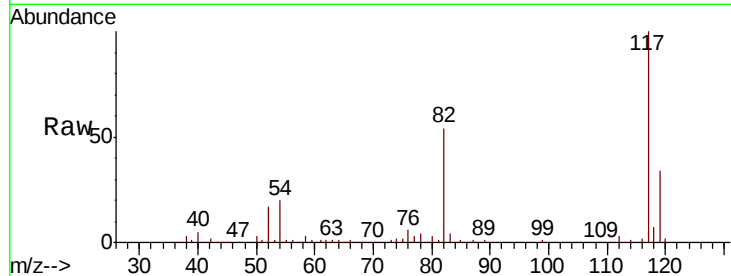




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003914.D
Acq: 08 Aug 2018 07:37

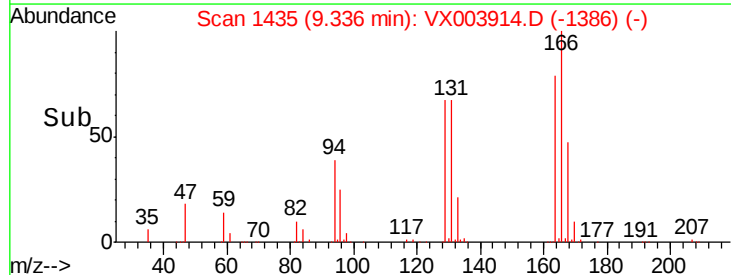
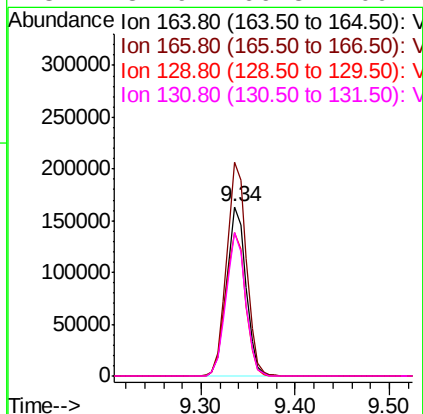
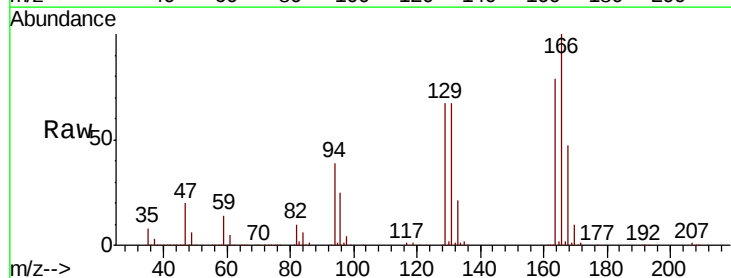
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

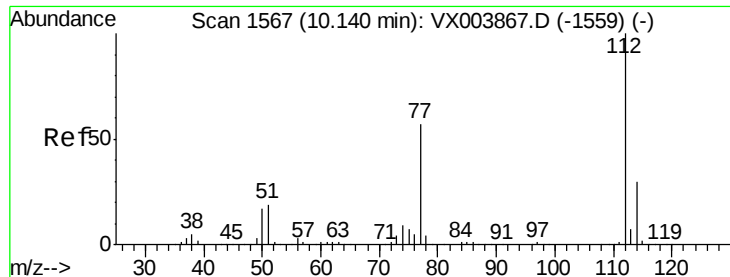
Tot Ion:117 Resp: 484248
Ion Ratio Lower Upper
117 100
82 53.6 45.4 68.0
119 33.5 26.6 40.0



#64
Tetrachloroethene
Concen: 49.17 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX003914.D
Acq: 08 Aug 2018 07:37

Tgt Ion:164 Resp: 234240
Ion Ratio Lower Upper
164 100
166 126.0 98.0 147.0
129 84.6 64.3 96.5
131 84.9 66.8 100.2

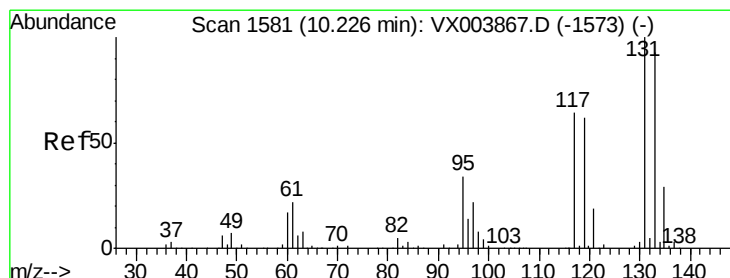
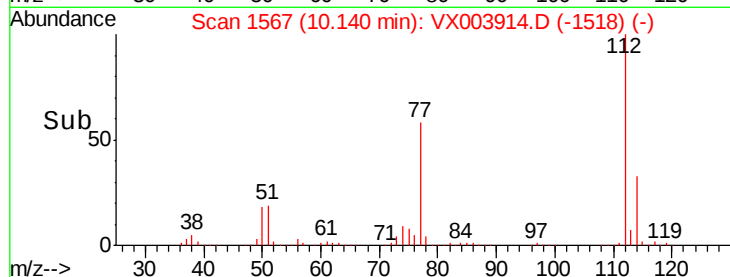
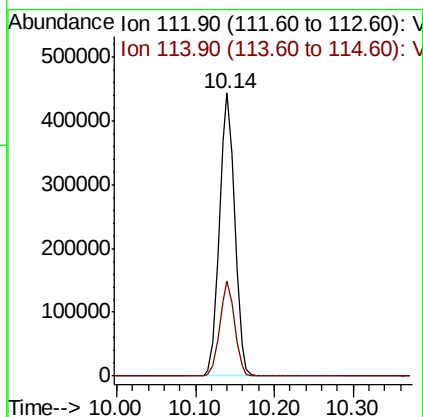
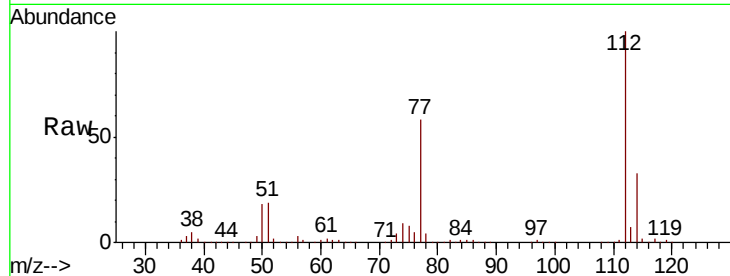




#65
 Chlorobenzene
 Concen: 47.68 ug/l
 RT: 10.14 min Scan# 1567
 Delta R.T. 0.00 min
 Lab File: VX003914.D
 Acq: 08 Aug 2018 07:37

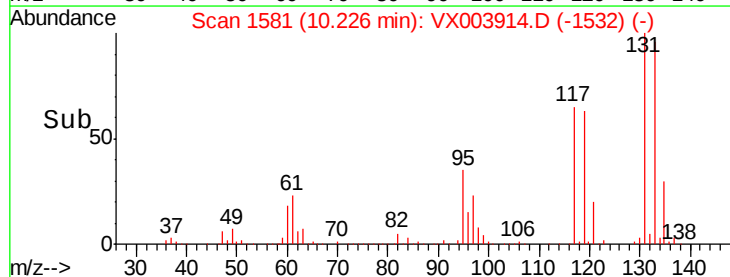
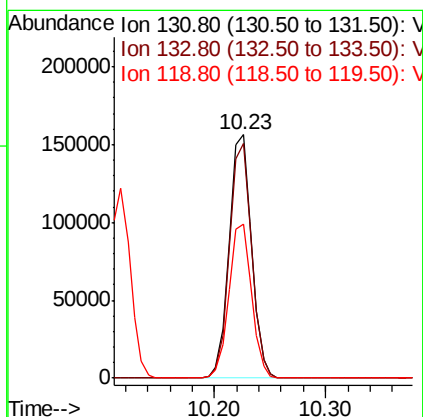
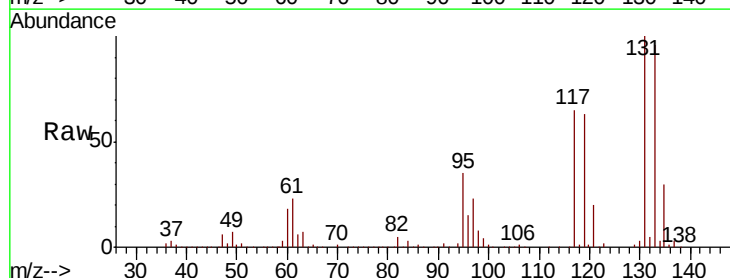
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

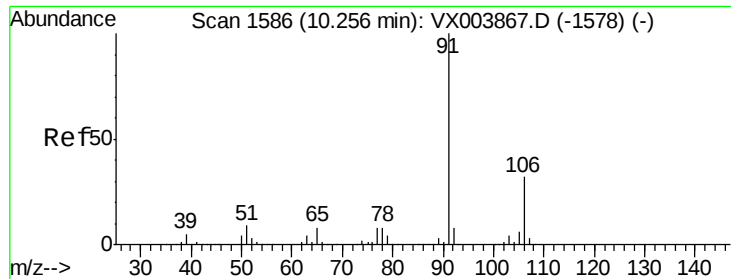
Tot Ion:112 Resp: 600792
 Ion Ratio Lower Upper
 112 100
 114 33.4 23.6 35.4



#66
 1,1,1,2-Tetrachloroethane
 Concen: 50.09 ug/l
 RT: 10.23 min Scan# 1581
 Delta R.T. 0.00 min
 Lab File: VX003914.D
 Acq: 08 Aug 2018 07:37

Tgt Ion:131 Resp: 216956
 Ion Ratio Lower Upper
 131 100
 133 95.8 47.3 141.8
 119 64.2 31.6 94.8

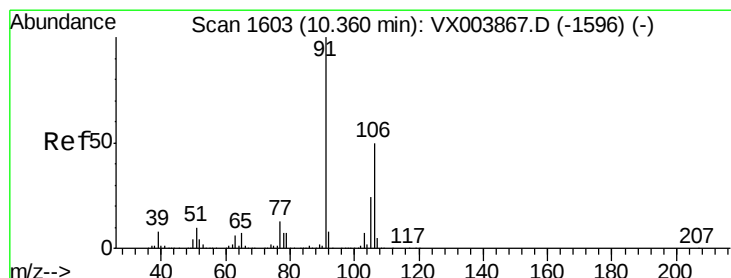
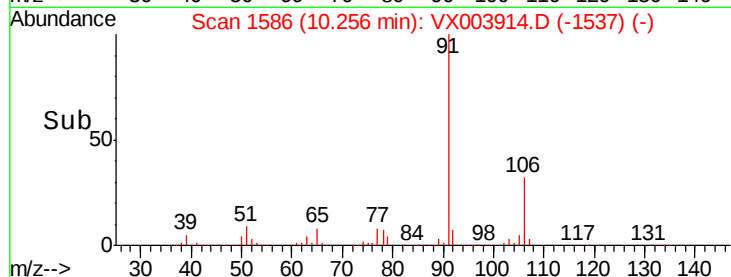
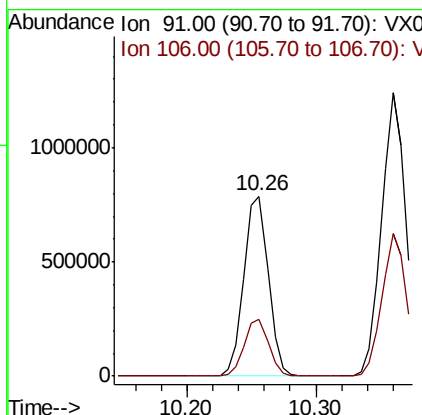
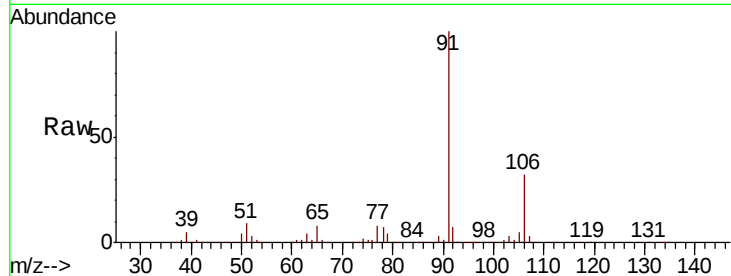




#67
Ethyl Benzene
Concen: 49.92 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX003914.D
Acq: 08 Aug 2018 07:37

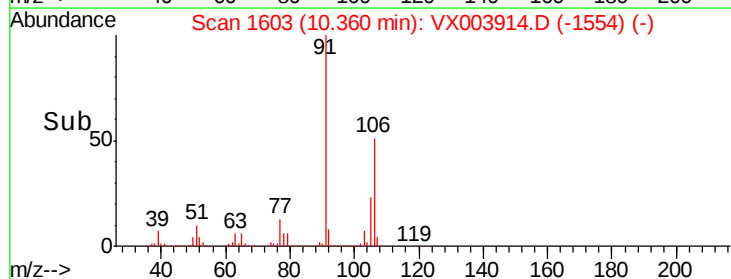
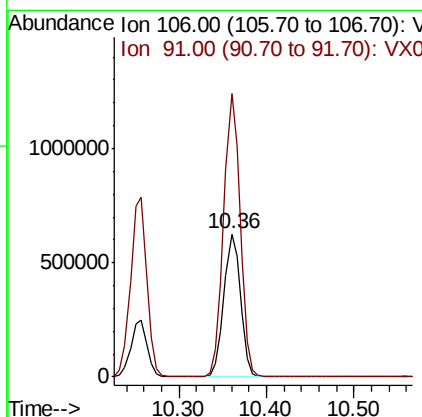
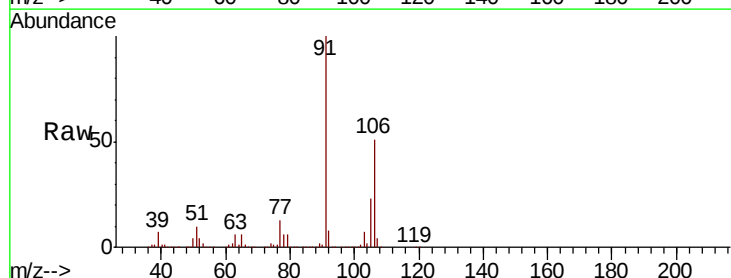
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1029564
Ion Ratio Lower Upper
91 100
106 31.8 25.9 38.9



#68
m/p-Xylenes
Concen: 101.62 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003914.D
Acq: 08 Aug 2018 07:37

Tgt Ion: 106 Resp: 818980
Ion Ratio Lower Upper
106 100
91 197.5 162.3 243.5

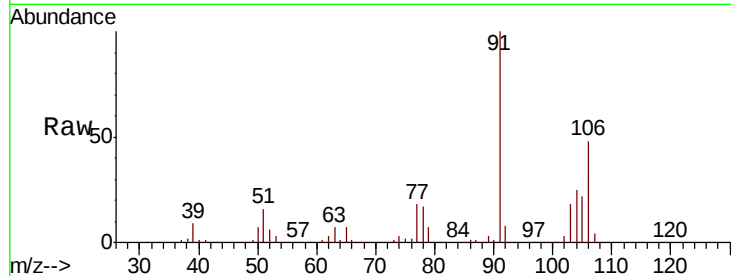




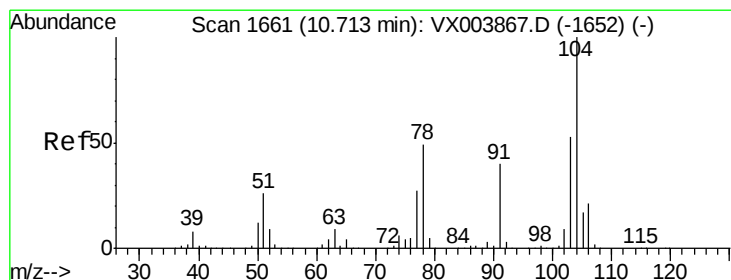
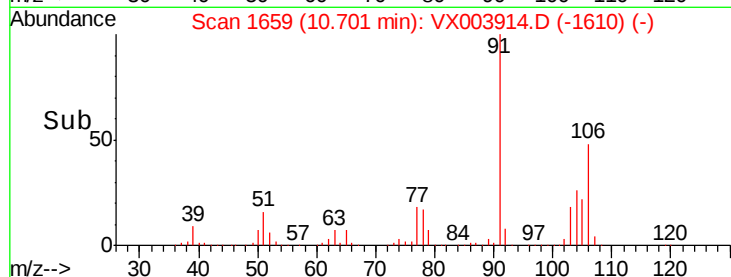
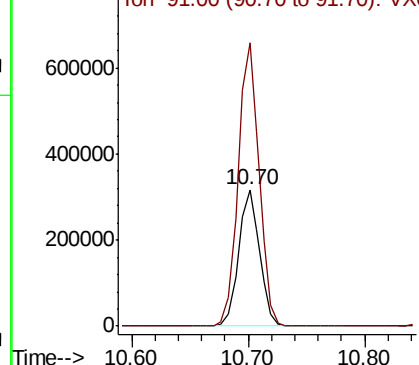
#69
o-Xylene
Concen: 51.90 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003914.D
Acq: 08 Aug 2018 07:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 394858
Ion Ratio Lower Upper
106 100
91 208.2 101.9 305.7

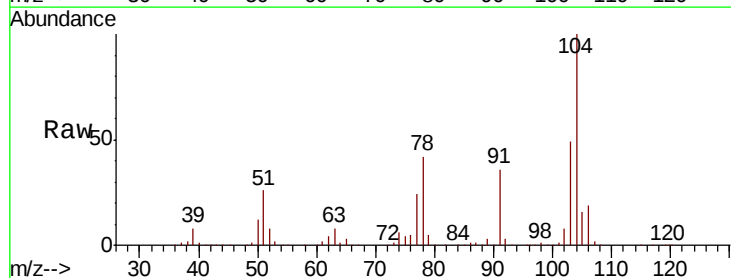


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

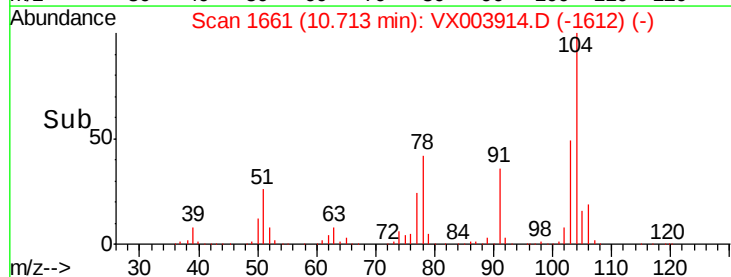
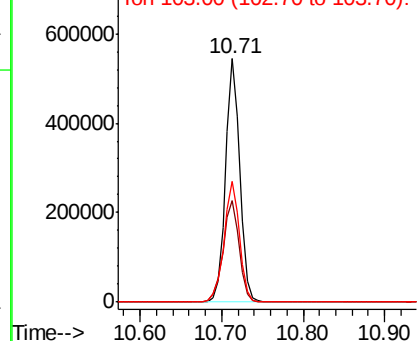


#70
Styrene
Concen: 53.35 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003914.D
Acq: 08 Aug 2018 07:37

Tgt Ion:104 Resp: 664608
Ion Ratio Lower Upper
104 100
78 47.4 39.8 59.6
103 54.3 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

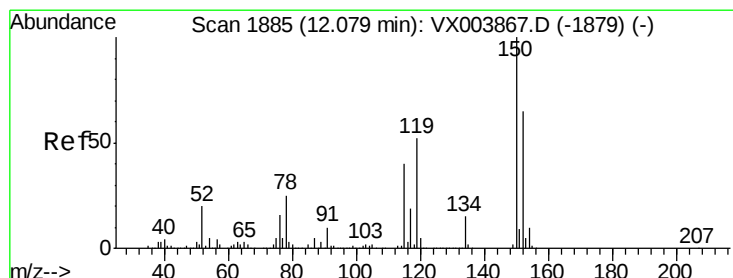
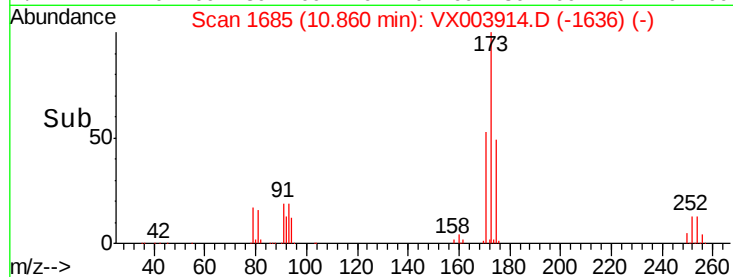
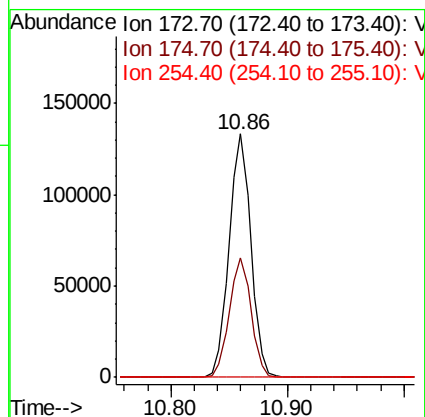
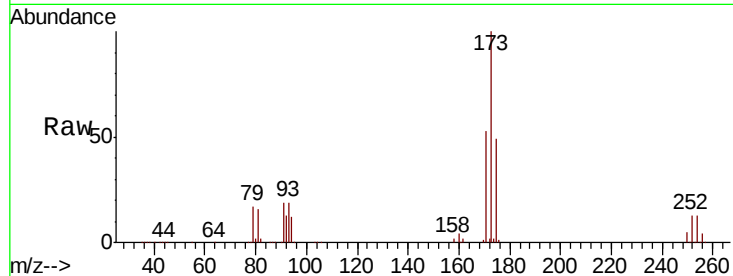




#71
Bromoform
Concen: 47.33 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX003914.D
Acq: 08 Aug 2018 07:37

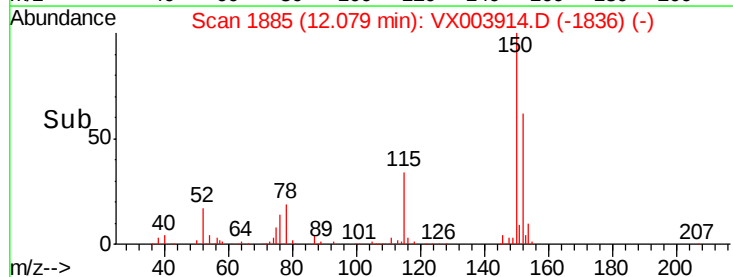
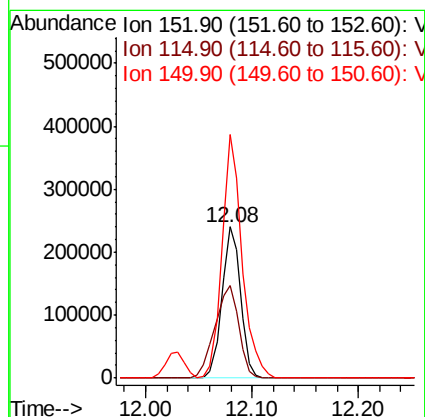
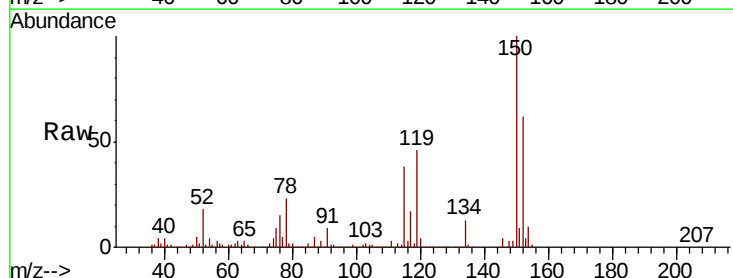
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:173 Resp: 173242
Ion Ratio Lower Upper
173 100
175 48.8 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: VX003914.D
Acq: 08 Aug 2018 07:37

Tgt Ion:152 Resp: 291374
Ion Ratio Lower Upper
152 100
115 77.8 39.1 117.3
150 173.9 0.0 349.2





#73

Isopropylbenzene

Concen: 48.33 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. 0.00 min

Lab File: VX003914.D

Acq: 08 Aug 2018 07:37

Instrument :

MSVOA_X

ClientSampleId :

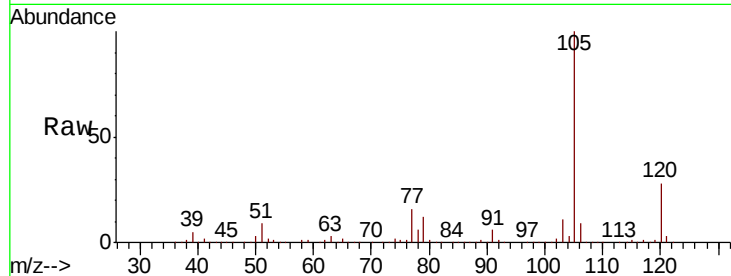
VSTDCCC050EC

Tot Ion:105 Resp: 1041691

Ion Ratio Lower Upper

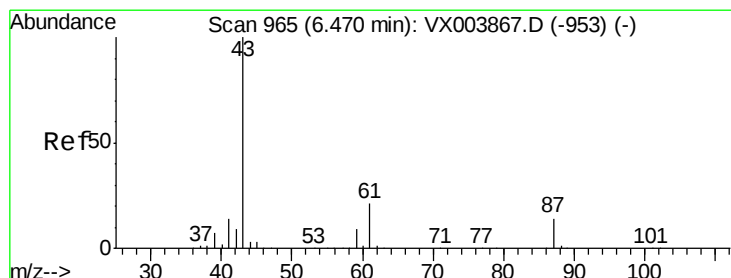
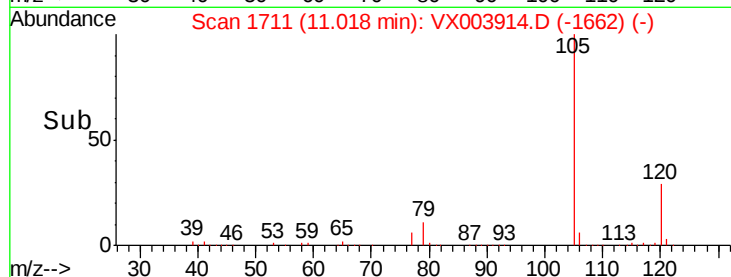
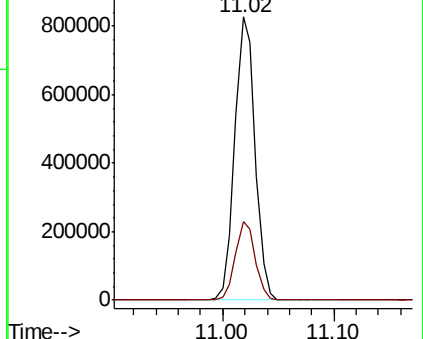
105 100

120 27.1 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 42.16 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.01 min

Lab File: VX003914.D

Acq: 08 Aug 2018 07:37

Tgt Ion: 43 Resp: 472557

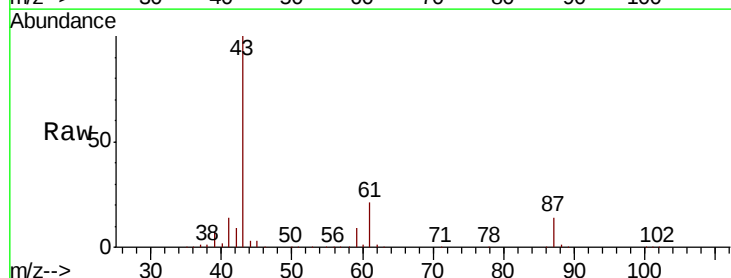
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1

61 21.4 16.9 25.3

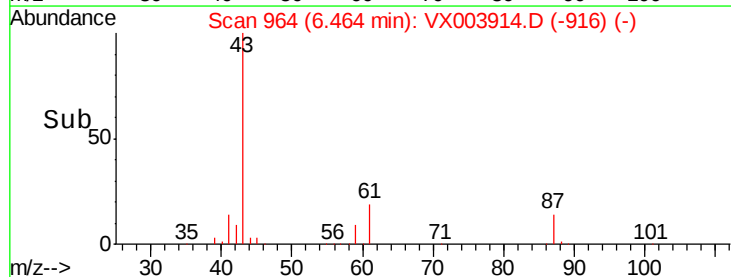
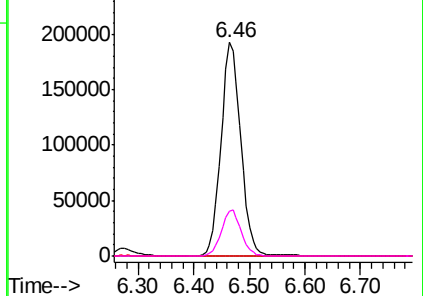


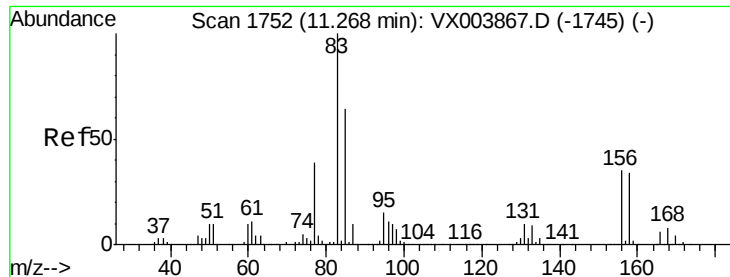
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 46.22 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. 0.00 min

Lab File: VX003914.D

Acq: 08 Aug 2018 07:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

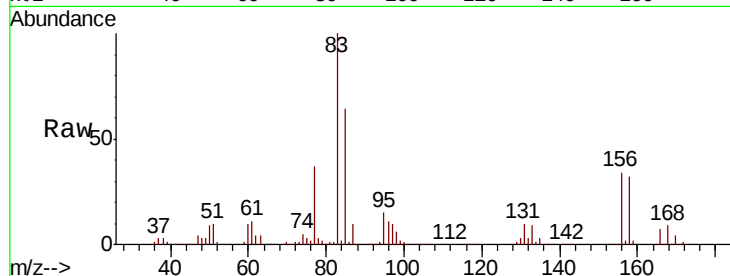
Tot Ion: 83 Resp: 341439

Ion Ratio Lower Upper

83 100

131 10.4 5.2 15.6

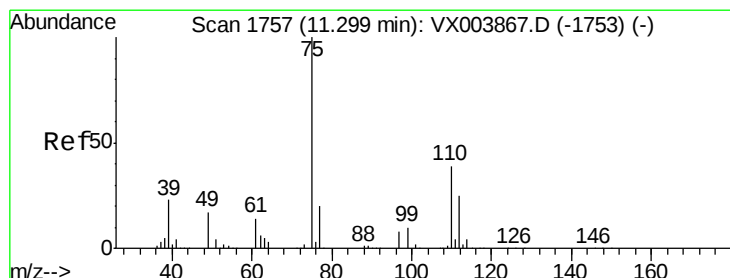
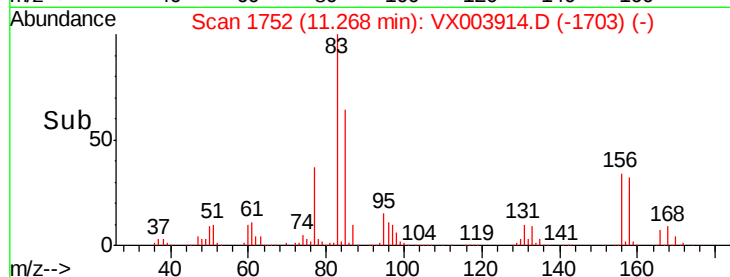
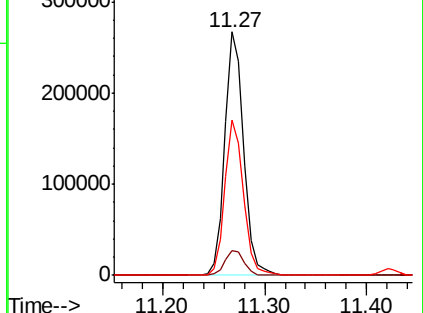
85 63.3 32.2 96.6



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: 56.91 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX003914.D

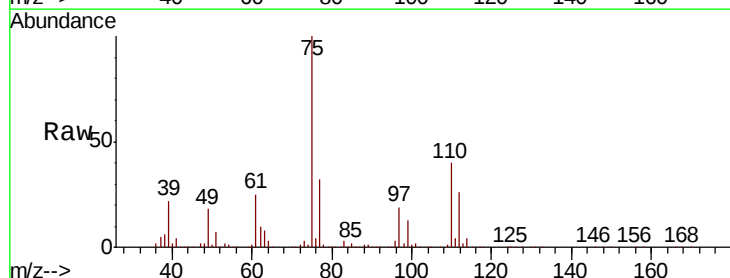
Acq: 08 Aug 2018 07:37

Tgt Ion: 75 Resp: 366279

Ion Ratio Lower Upper

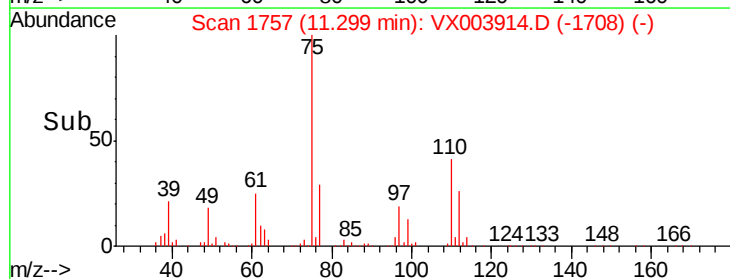
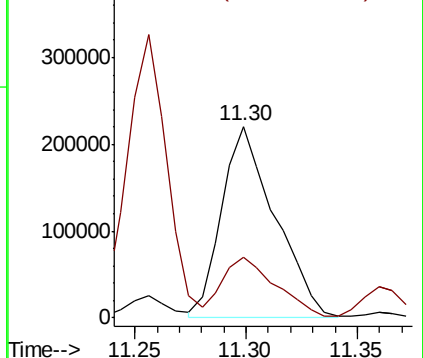
75 100

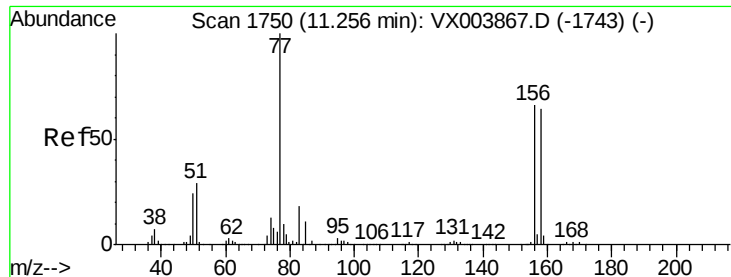
77 32.4 20.8 62.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.25 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX003914.D

Acq: 08 Aug 2018 07:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

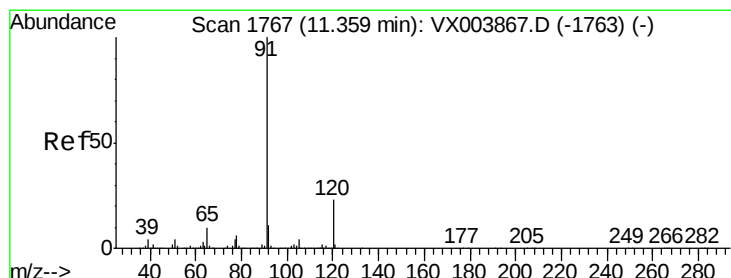
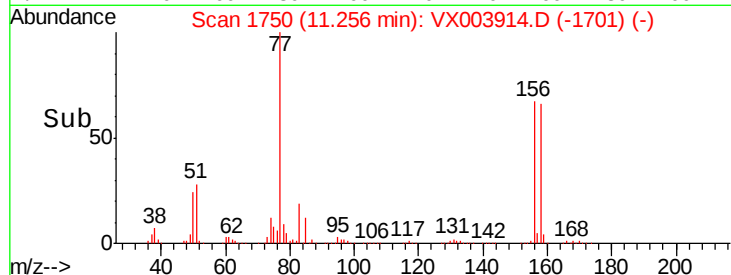
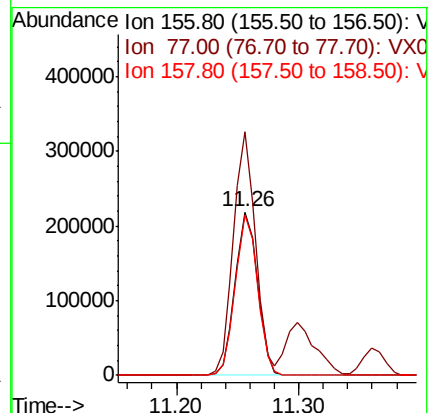
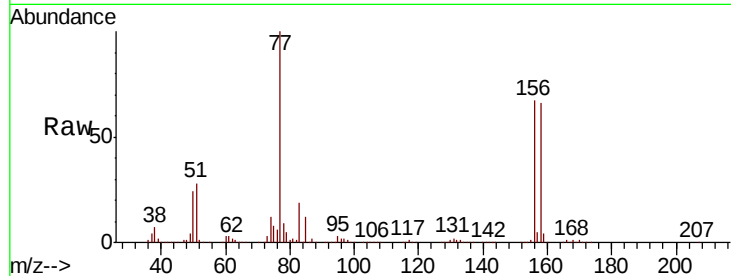
Tot Ion:156 Resp: 277450

Ion Ratio Lower Upper

156 100

77 146.2 74.1 222.2

158 97.0 48.6 145.9



#78

n-propylbenzene

Concen: 48.73 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VX003914.D

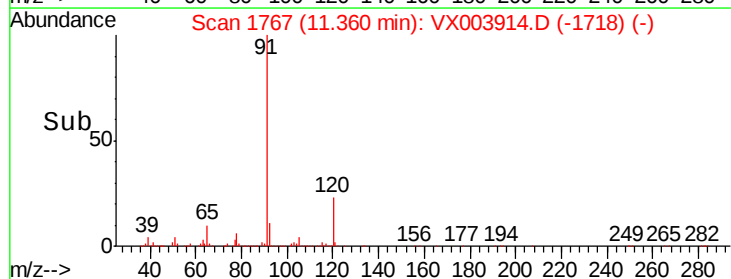
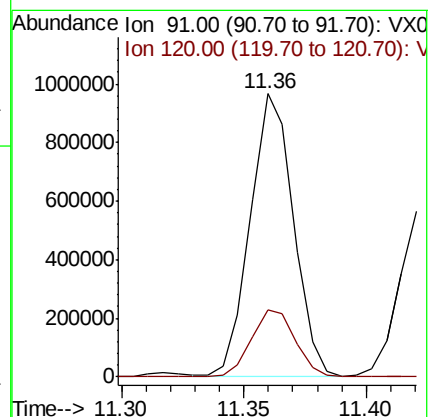
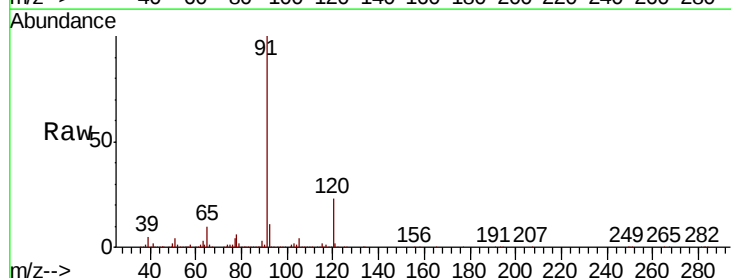
Acq: 08 Aug 2018 07:37

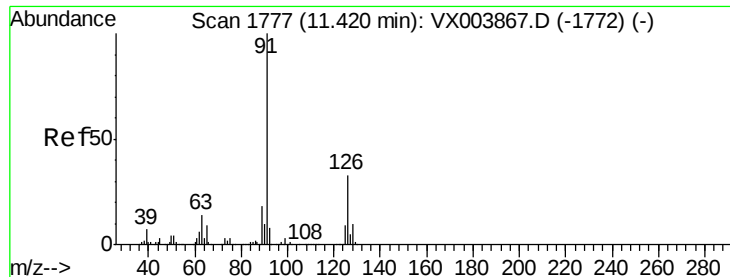
Tgt Ion: 91 Resp: 1179566

Ion Ratio Lower Upper

91 100

120 24.1 11.9 35.5

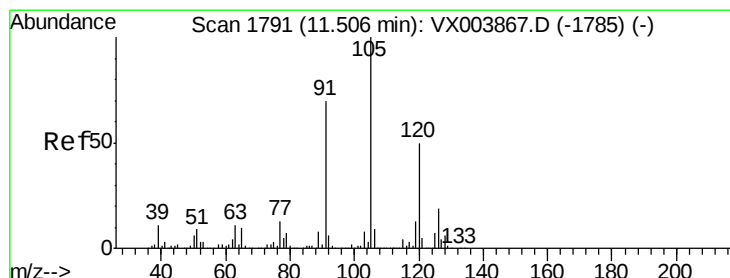
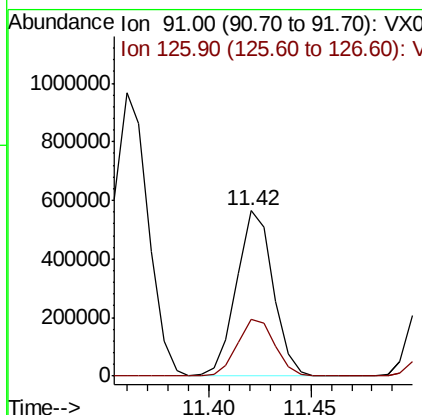
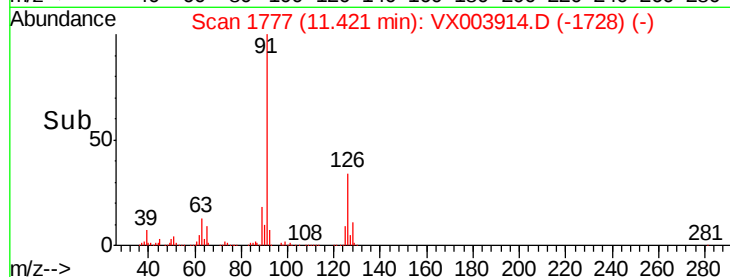
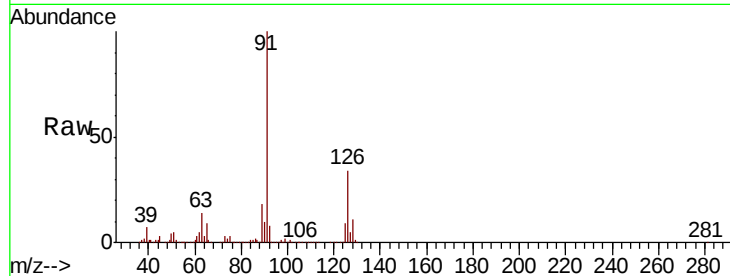




#79
 2-Chlorotoluene
 Concen: 47.41 ug/l
 RT: 11.42 min Scan# 1777
 Delta R.T. 0.00 min
 Lab File: VX003914.D
 Acq: 08 Aug 2018 07:37

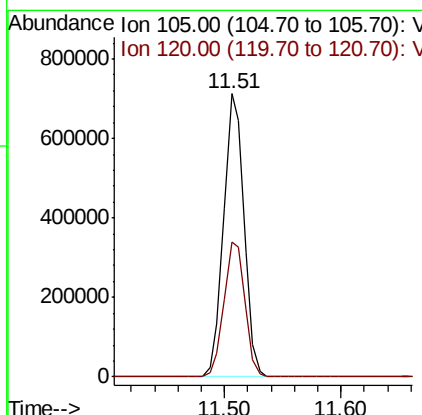
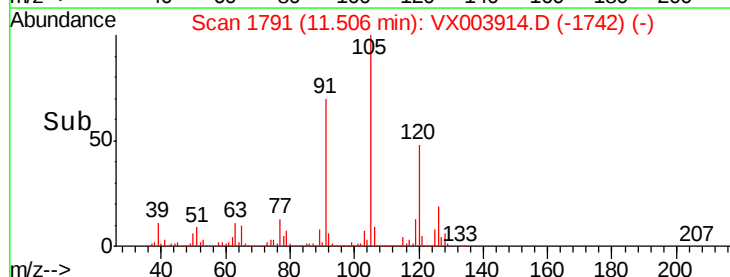
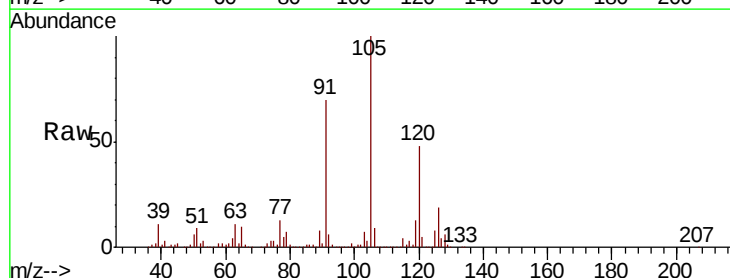
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

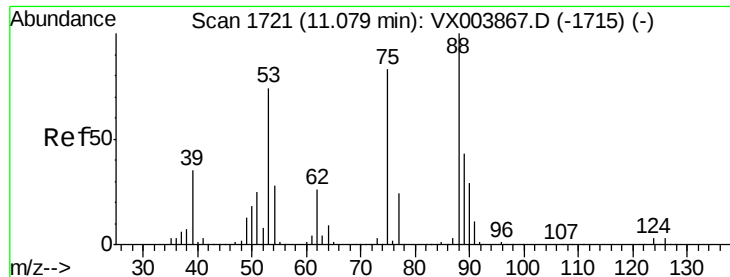
Tot Ion: 91 Resp: 699701
 Ion Ratio Lower Upper
 91 100
 126 35.2 17.4 52.3



#80
 1,3,5-Trimethylbenzene
 Concen: 49.02 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX003914.D
 Acq: 08 Aug 2018 07:37

Tgt Ion: 105 Resp: 861528
 Ion Ratio Lower Upper
 105 100
 120 49.1 25.4 76.2





#81

trans-1,4-Dichloro-2-butene

Concen: 34.53 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX003914.D

Acq: 08 Aug 2018 07:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

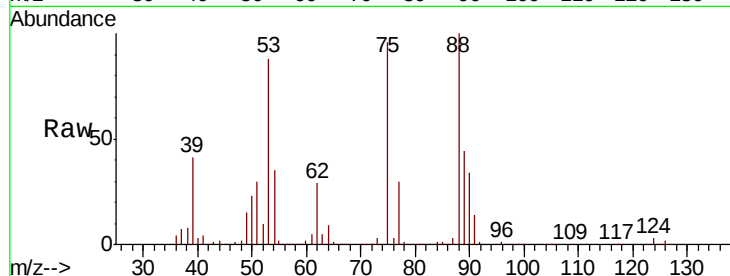
Tot Ion: 75 Resp: 79996

Ion Ratio Lower Upper

75 100

53 96.6 80.3 120.5

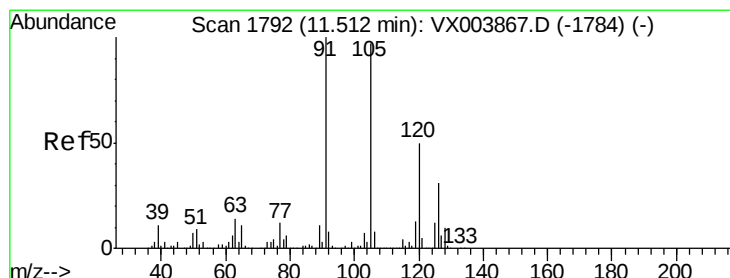
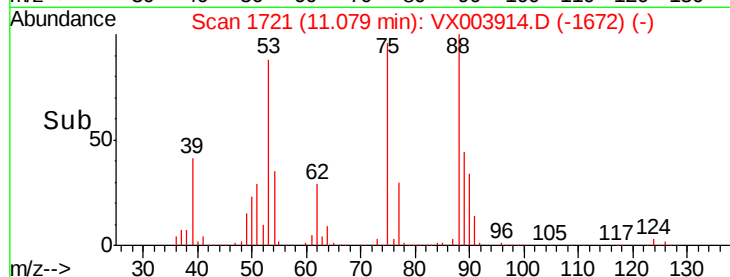
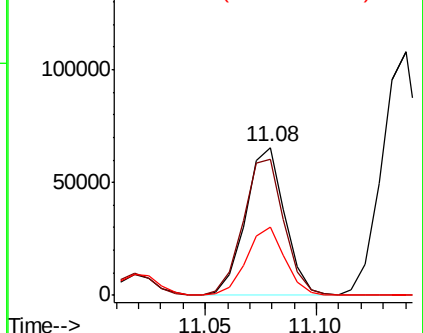
89 45.7 37.8 56.8



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: 47.11 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003914.D

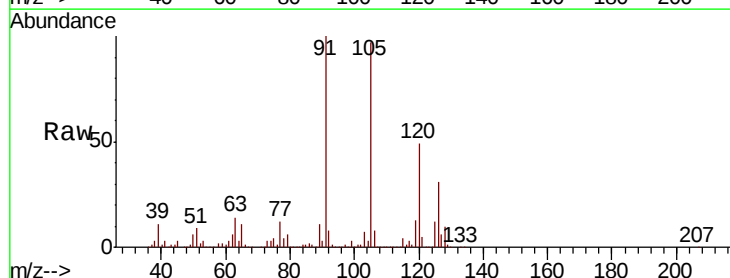
Acq: 08 Aug 2018 07:37

Tgt Ion: 91 Resp: 814487

Ion Ratio Lower Upper

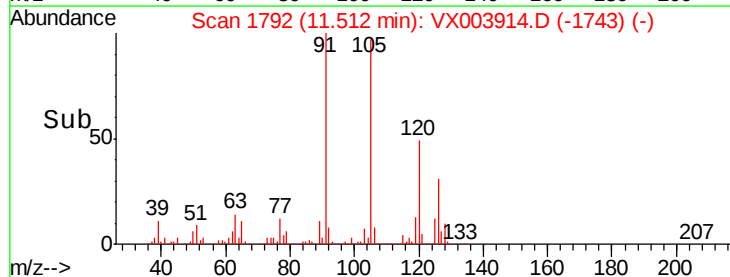
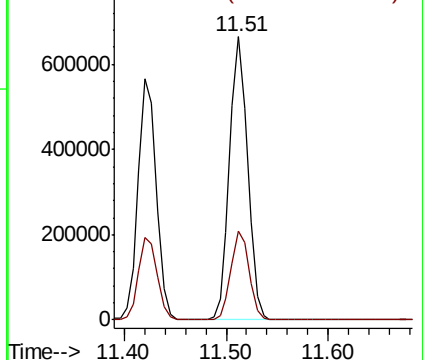
91 100

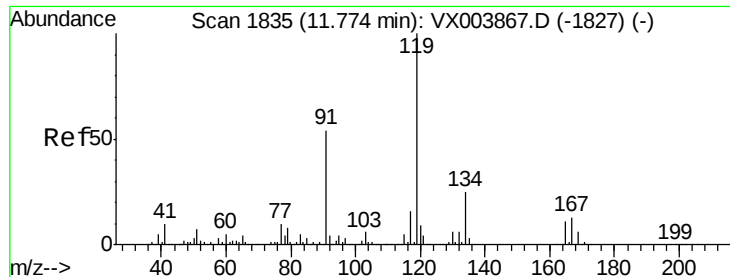
126 31.4 15.6 46.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

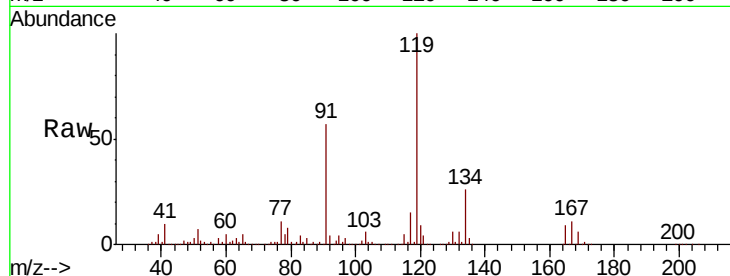




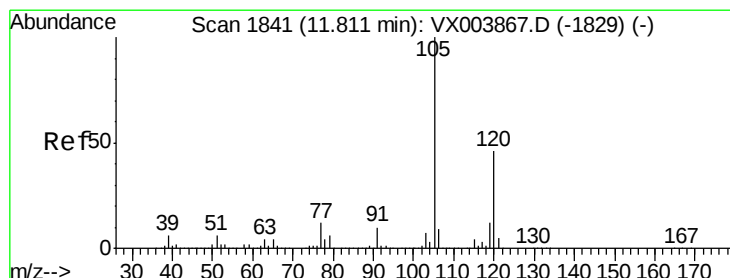
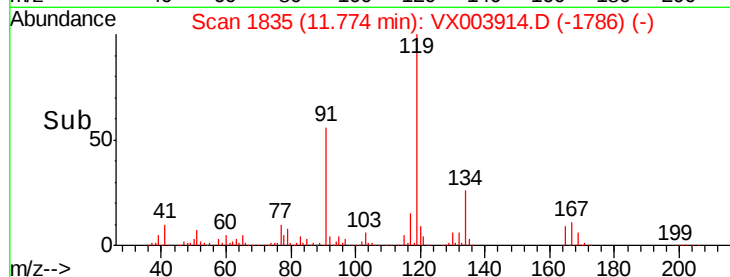
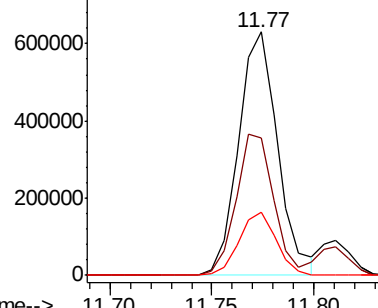
#83
 tert-Butylbenzene
 Concen: 48.73 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX003914.D
 Acq: 08 Aug 2018 07:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:119 Resp: 842607
 Ion Ratio Lower Upper
 119 100
 91 55.5 26.9 80.7
 134 24.5 12.0 36.0

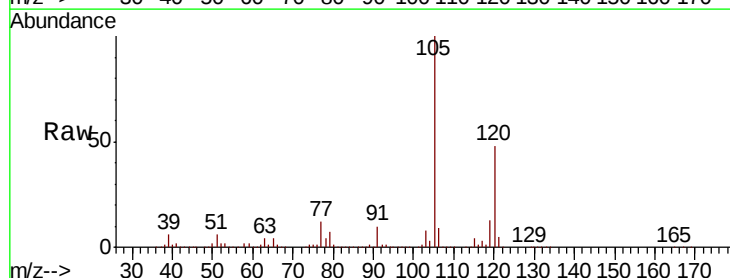


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VX
 Ion 134.00 (133.70 to 134.70): V

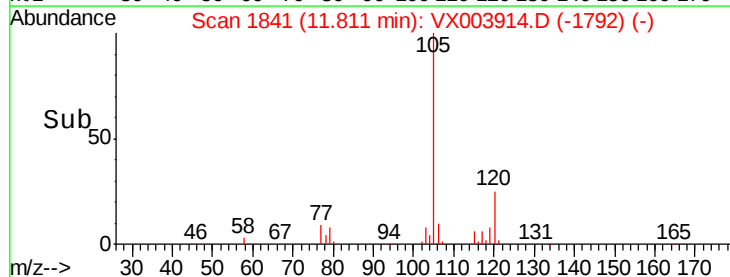
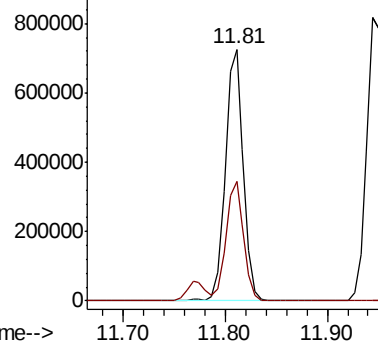


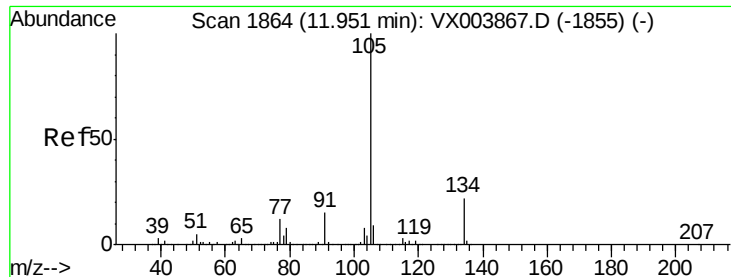
#84
 1,2,4-Trimethylbenzene
 Concen: 50.41 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003914.D
 Acq: 08 Aug 2018 07:37

Tgt Ion:105 Resp: 890857
 Ion Ratio Lower Upper
 105 100
 120 46.7 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 49.81 ug/l

RT: 11.94 min Scan# 1863

Delta R.T. -0.01 min

Lab File: VX003914.D

Acq: 08 Aug 2018 07:37

Instrument :

MSVOA_X

ClientSampleId :

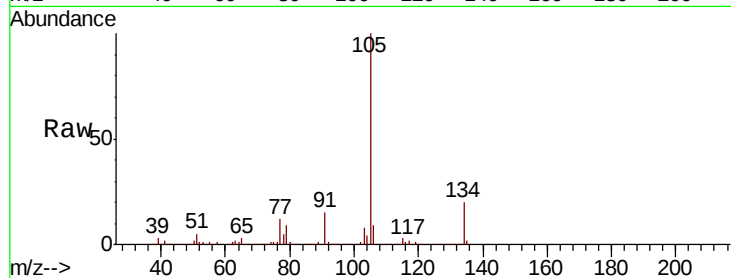
VSTDCCC050EC

Tot Ion:105 Resp: 1016459

Ion Ratio Lower Upper

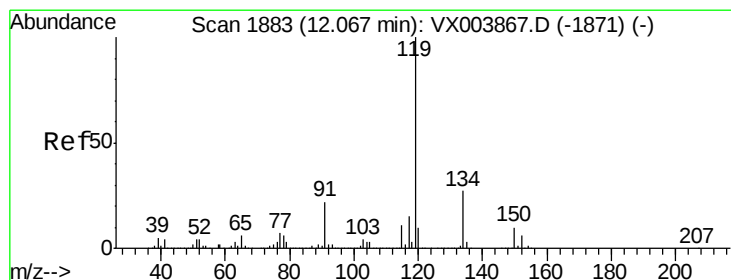
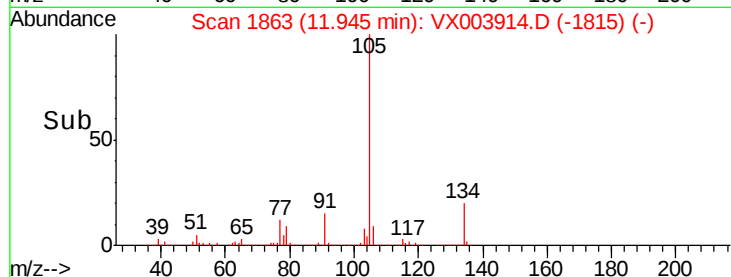
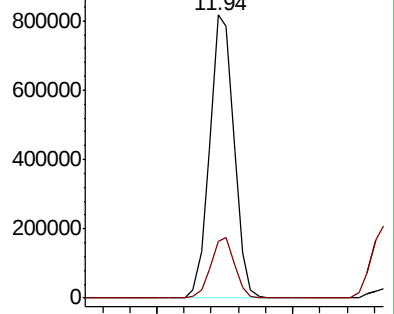
105 100

134 21.0 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: 48.71 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003914.D

Acq: 08 Aug 2018 07:37

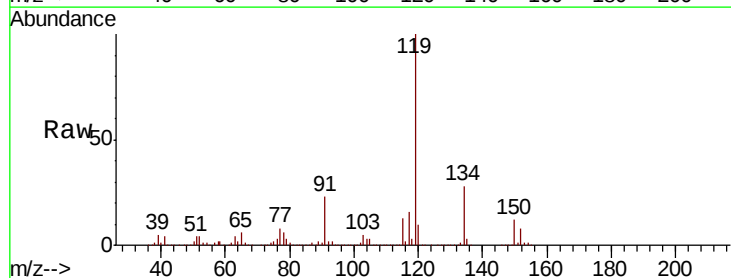
Tgt Ion:119 Resp: 891880

Ion Ratio Lower Upper

119 100

134 27.8 13.3 39.8

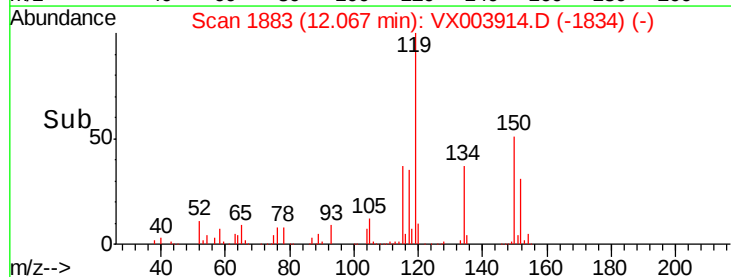
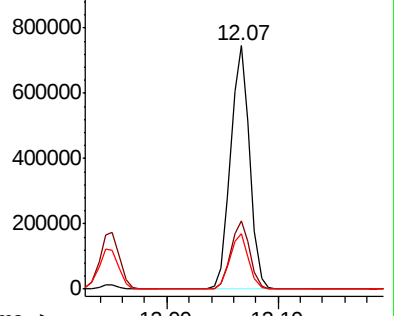
91 22.3 10.9 32.7

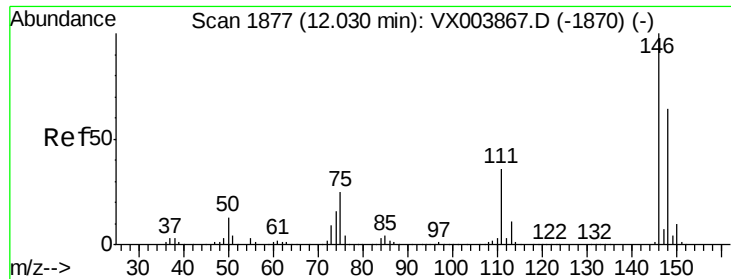


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

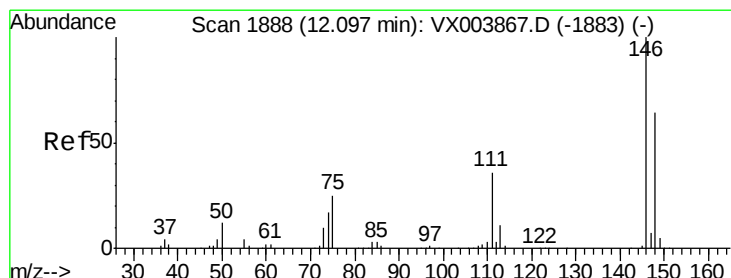
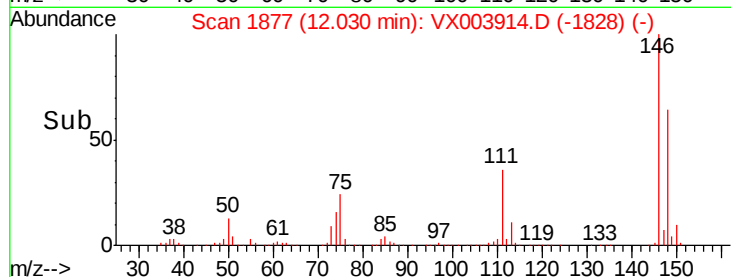
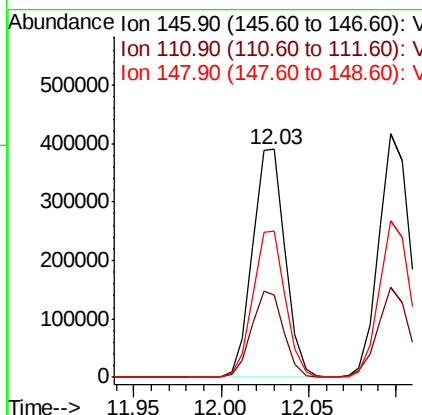
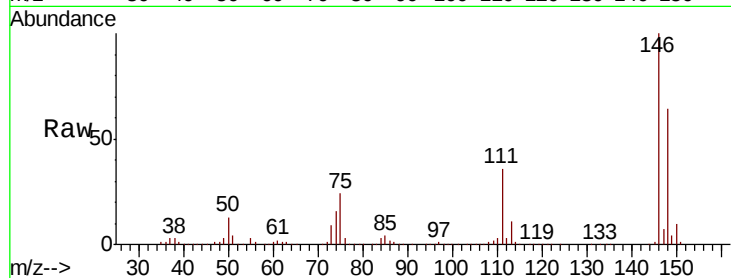




#87
 1,3-Dichlorobenzene
 Concen: 47.91 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX003914.D
 Acq: 08 Aug 2018 07:37

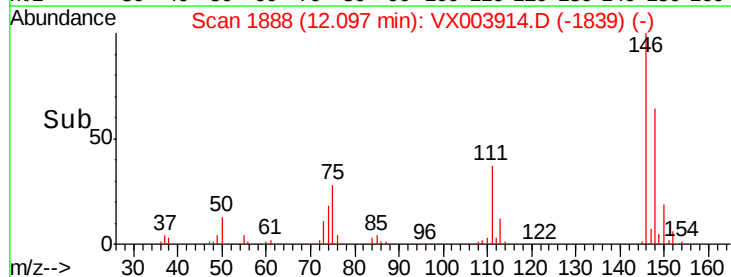
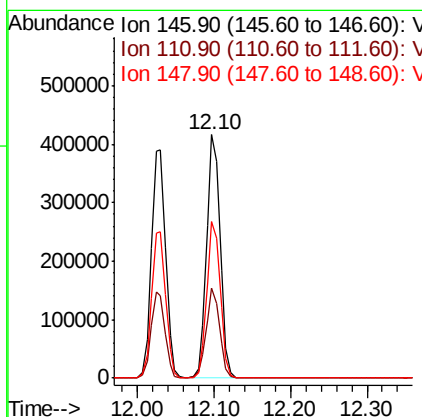
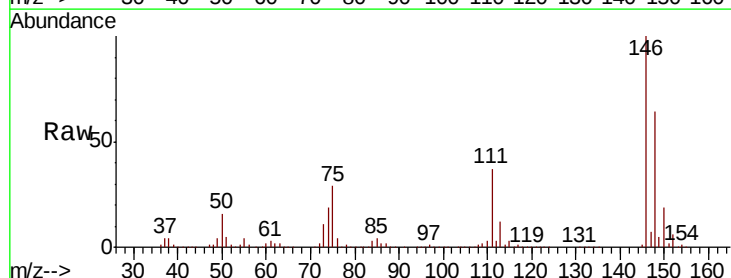
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

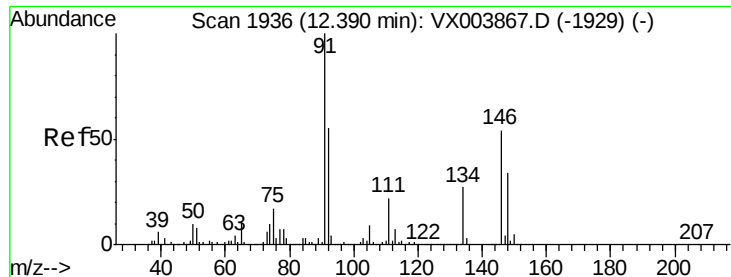
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.8	56.4
148	63.9	31.9	95.5



#88
 1,4-Dichlorobenzene
 Concen: 50.46 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. 0.00 min
 Lab File: VX003914.D
 Acq: 08 Aug 2018 07:37

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.4	18.4	55.0
148	63.9	32.3	96.8

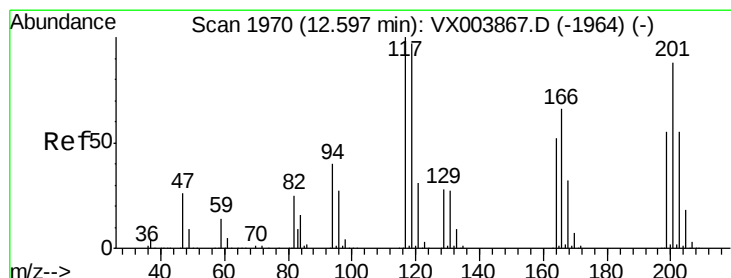
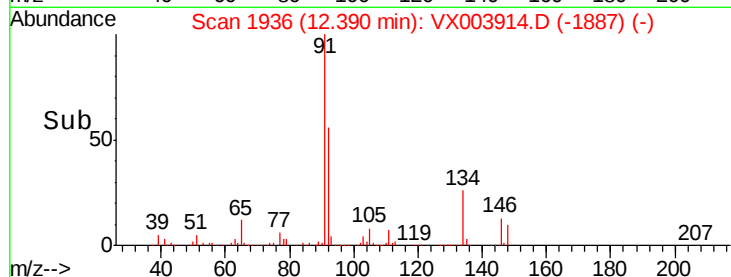
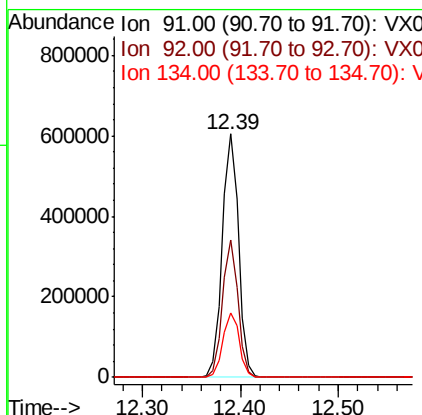
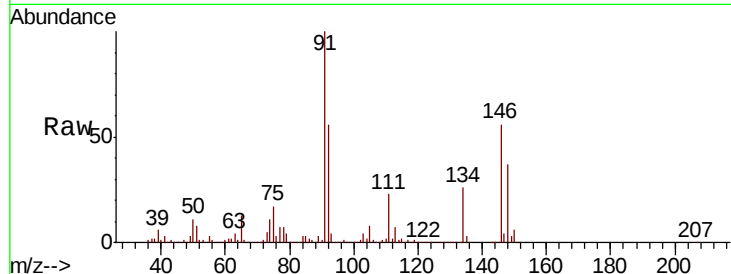




#89
n-Butylbenzene
Concen: 43.69 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX003914.D
Acq: 08 Aug 2018 07:37

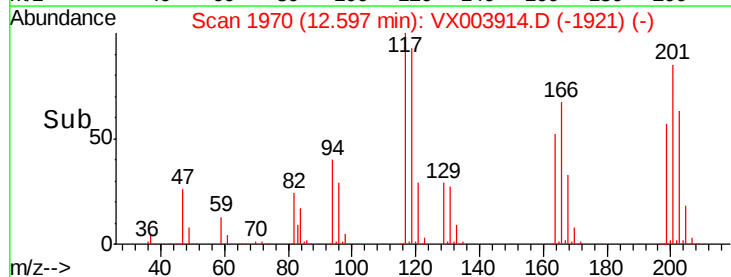
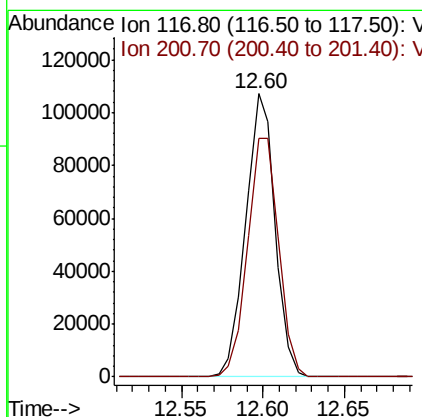
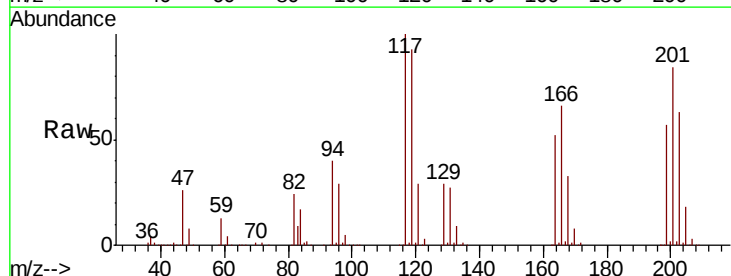
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

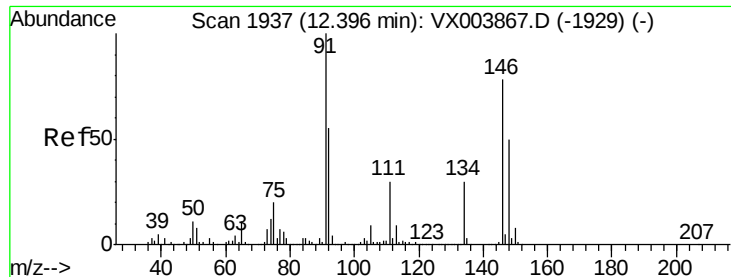
Tot Ion: 91 Resp: 697187
Ion Ratio Lower Upper
91 100
92 53.7 27.1 81.3
134 26.8 13.6 40.7



#90
Hexachloroethane
Concen: 45.23 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VX003914.D
Acq: 08 Aug 2018 07:37

Tgt Ion: 117 Resp: 134476
Ion Ratio Lower Upper
117 100
201 89.5 46.1 138.2

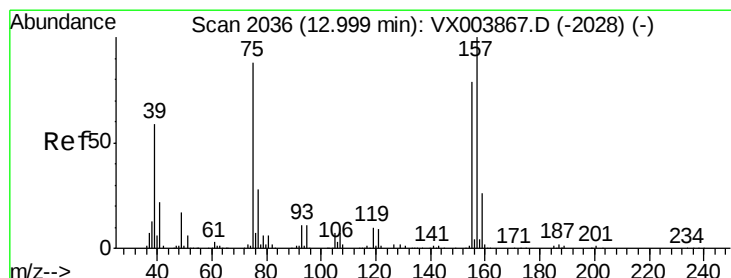
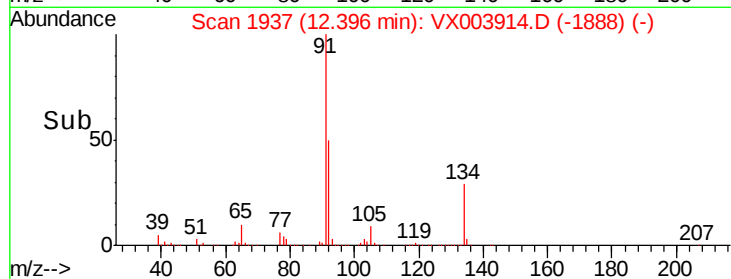
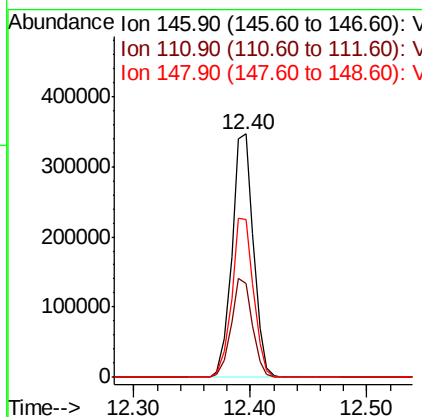
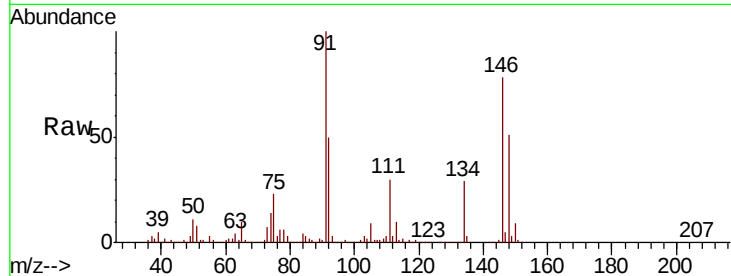




#91
 1,2-Dichlorobenzene
 Concen: 42.22 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX003914.D
 Acq: 08 Aug 2018 07:37

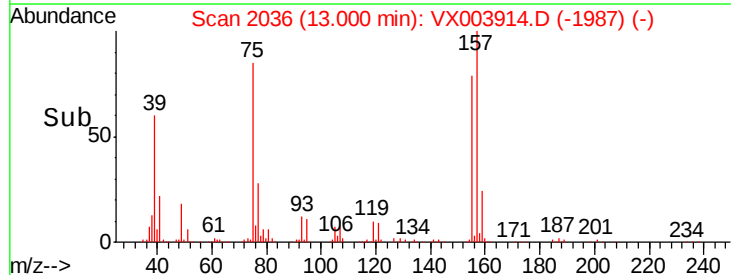
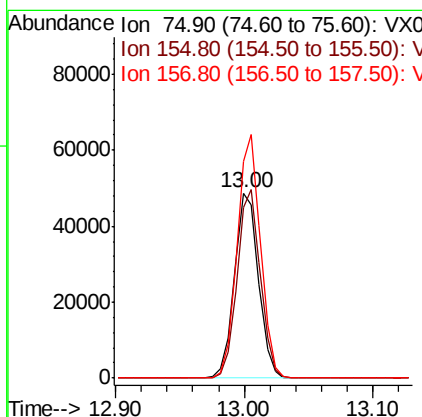
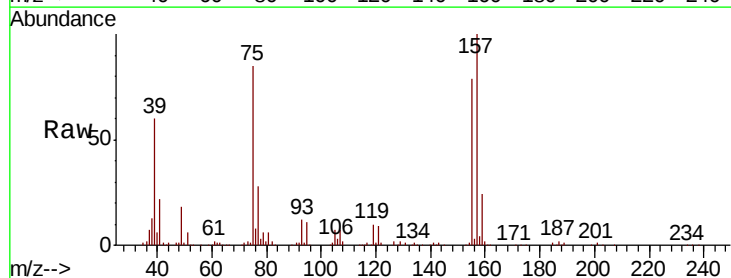
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

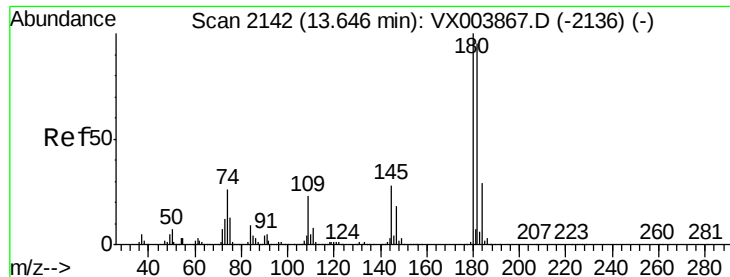
Tot Ion:146 Resp: 444813
 Ion Ratio Lower Upper
 146 100
 111 40.0 19.7 59.0
 148 65.8 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 41.87 ug/l
 RT: 13.00 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VX003914.D
 Acq: 08 Aug 2018 07:37

Tgt Ion: 75 Resp: 63361
 Ion Ratio Lower Upper
 75 100
 155 98.2 48.7 146.1
 157 126.6 62.6 187.8

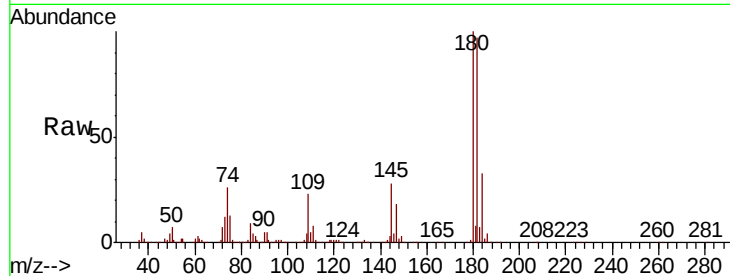




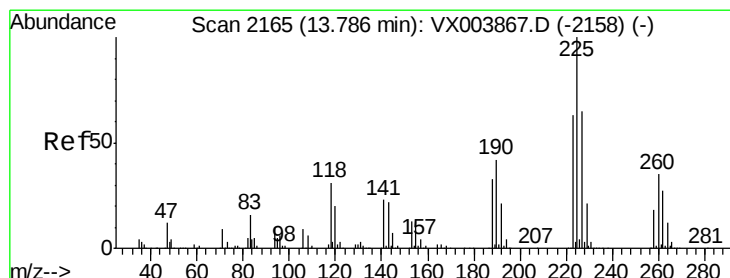
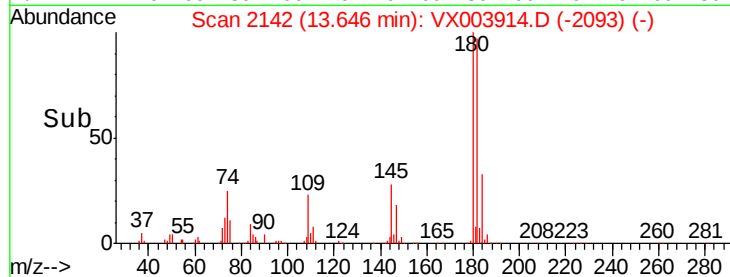
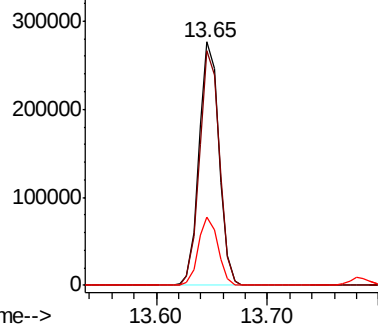
#93
 1,2,4-Trichlorobenzene
 Concen: 45.08 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: VX003914.D
 Acq: 08 Aug 2018 07:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:180 Resp: 341597
 Ion Ratio Lower Upper
 180 100
 182 96.1 47.7 143.1
 145 27.8 13.9 41.6

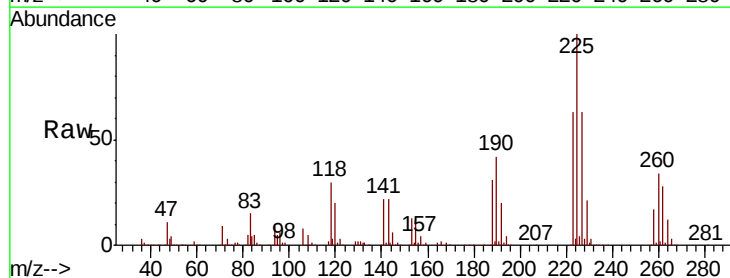


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

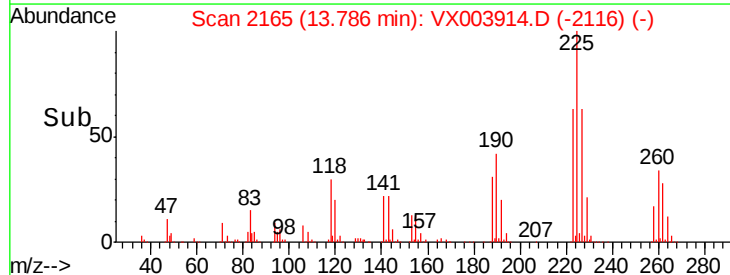
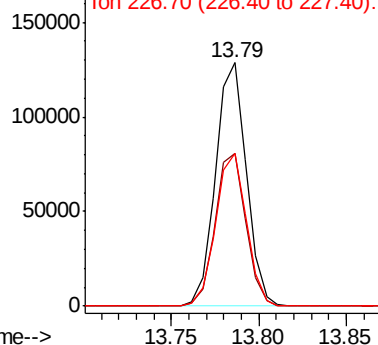


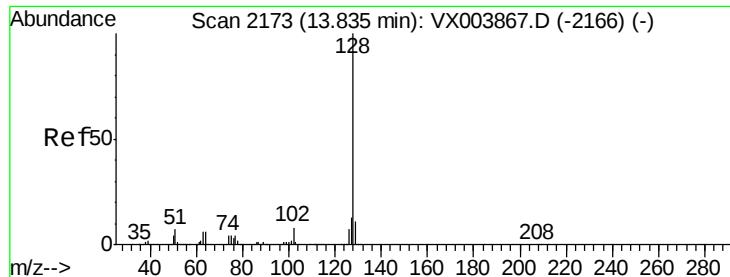
#94
 Hexachlorobutadiene
 Concen: 46.96 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003914.D
 Acq: 08 Aug 2018 07:37

Tgt Ion:225 Resp: 156920
 Ion Ratio Lower Upper
 225 100
 223 62.8 31.4 94.0
 227 62.7 32.1 96.5



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 52.85 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. 0.00 min

Lab File: VX003914.D

Acq: 08 Aug 2018 07:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

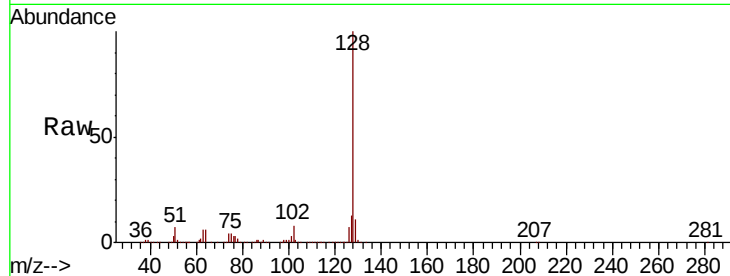
Tot Ion:128 Resp: 1146997

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.2

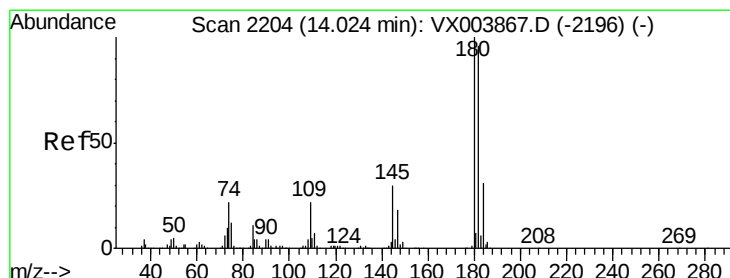
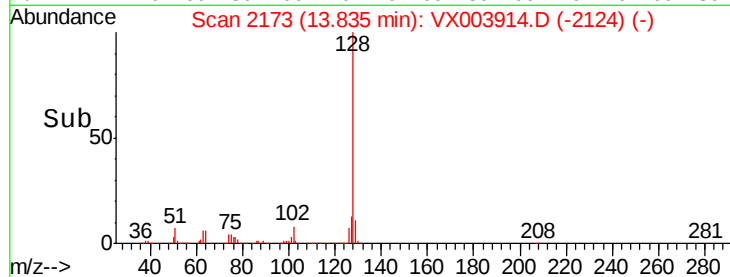
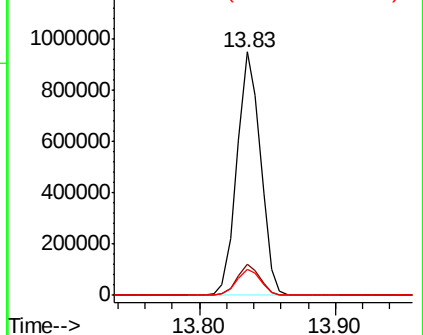
129 10.8 8.8 13.2



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: 50.02 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX003914.D

Acq: 08 Aug 2018 07:37

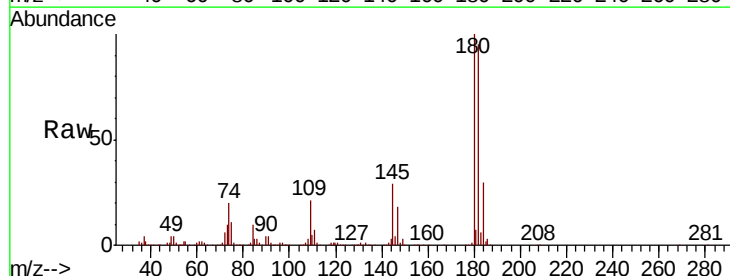
Tgt Ion:180 Resp: 378219

Ion Ratio Lower Upper

180 100

182 94.3 48.1 144.4

145 29.9 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

