

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082318\
 Data File : VX004237.D
 Acq On : 23 Aug 2018 19:53
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 24 09:44:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	345225	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	511577	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	457132	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	283337	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	218940	48.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.32%	
35) Dibromofluoromethane	5.50	113	188742	49.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.18%	
50) Toluene-d8	8.71	98	709695	49.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.80%	
62) 4-Bromofluorobenzene	11.14	95	270320	50.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	206150	51.56	ug/l	95
3) Chloromethane	1.32	50	210526	47.65	ug/l	100
4) Vinyl Chloride	1.40	62	221036	48.87	ug/l	100
5) Bromomethane	1.64	94	108007	48.38	ug/l	98
6) Chloroethane	1.72	64	143863	44.57	ug/l	98
7) Trichlorofluoromethane	1.92	101	306897	49.51	ug/l	97
8) Diethyl Ether	2.18	74	131948	49.71	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	186897	48.14	ug/l	100
10) Methyl Iodide	2.51	142	199238	45.86	ug/l	98
11) Tert butyl alcohol	3.07	59	211113	220.11	ug/l	100
12) 1,1-Dichloroethene	2.37	96	177487	48.53	ug/l	99
13) Acrolein	2.29	56	51610	223.19	ug/l	98
14) Allyl chloride	2.72	41	316149	47.05	ug/l	99
15) Acrylonitrile	3.15	53	550777	231.87	ug/l	99
16) Acetone	2.45	43	431417	234.37	ug/l	98
17) Carbon Disulfide	2.57	76	482035	47.50	ug/l	98
18) Methyl Acetate	2.78	43	328474	49.19	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	605952	50.28	ug/l	98
20) Methylene Chloride	2.86	84	199176	45.98	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	191499	47.31	ug/l	95
22) Diisopropyl ether	3.87	45	597680	47.64	ug/l	98
23) Vinyl Acetate	3.82	43	2422636	238.25	ug/l	99
24) 1,1-Dichloroethane	3.69	63	339259	46.40	ug/l	99
25) 2-Butanone	4.70	43	700602	232.17	ug/l	99
26) 2,2-Dichloropropane	4.58	77	232120	40.48	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	218834	47.66	ug/l	97
28) Bromochloromethane	5.01	49	158495	48.96	ug/l	97
29) Tetrahydrofuran	5.16	42	450309	232.93	ug/l	98
30) Chloroform	5.21	83	349735	47.71	ug/l	96
31) Cyclohexane	5.57	56	313487	49.69	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	300712	49.19	ug/l	99
36) 1,1-Dichloropropene	5.79	75	267198	46.46	ug/l	98
37) Ethyl Acetate	4.86	43	261424	46.22	ug/l	99
38) Carbon Tetrachloride	5.78	117	259695	48.00	ug/l	98

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Quant Time: Aug 24 09:44:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	321721	49.00	ug/l	97
40) Benzene	6.14	78	818947	47.65	ug/l	100
41) Methacrylonitrile	5.06	41	154957	47.26	ug/l	99
42) 1,2-Dichloroethane	6.20	62	275212	46.95	ug/l	100
43) Isopropyl Acetate	6.46	43	428094	49.25	ug/l	99
44) Trichloroethene	7.21	130	223968	47.08	ug/l	99
45) 1,2-Dichloropropane	7.52	63	206783	48.08	ug/l	99
46) Dibromomethane	7.67	93	135465	47.30	ug/l	99
47) Bromodichloromethane	7.90	83	258483	48.51	ug/l	99
48) Methyl methacrylate	7.78	41	226644	48.73	ug/l	98
49) 1,4-Dioxane	7.76	88	89139	844.20	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1422657	225.28	ug/l	99
52) Toluene	8.79	92	525604	48.86	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	288442	49.01	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	315939	49.28	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	208682	48.06	ug/l	99
56) Ethyl methacrylate	9.18	69	312241	52.82	ug/l	98
57) 1,3-Dichloropropane	9.37	76	351104	47.97	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	792197	261.54	ug/l	100
59) 2-Hexanone	9.50	43	1082166	224.62	ug/l	99
60) Dibromochloromethane	9.59	129	211416	49.97	ug/l	100
61) 1,2-Dibromoethane	9.68	107	219605	48.87	ug/l	99
64) Tetrachloroethene	9.34	164	212299	47.01	ug/l	99
65) Chlorobenzene	10.14	112	557434	48.59	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.23	131	190924	48.25	ug/l	96
67) Ethyl Benzene	10.25	91	968594	51.98	ug/l	94
68) m/p-Xylenes	10.36	106	722965	99.23	ug/l	99
69) o-Xylene	10.70	106	363813	52.79	ug/l	98
70) Styrene	10.71	104	579899	51.97	ug/l	99
71) Bromoform	10.86	173	162030	50.80	ug/l	99
73) Isopropylbenzene	11.02	105	1011905	54.38	ug/l	99
74) N-amyl acetate	10.90	43	384947	53.73	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	322141	49.47	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	363161	63.02	ug/l	86
77) Bromobenzene	11.26	156	269654	51.66	ug/l	100
78) n-propylbenzene	11.36	91	1160070	54.20	ug/l	100
79) 2-Chlorotoluene	11.42	91	680312	51.64	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	841440	54.60	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	90702	51.07	ug/l	97
82) 4-Chlorotoluene	11.51	91	801008	51.67	ug/l	99
83) tert-Butylbenzene	11.77	119	839493	54.14	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	871022	55.06	ug/l	100
85) sec-Butylbenzene	11.94	105	998196	54.22	ug/l	99
86) p-Isopropyltoluene	12.07	119	900440	54.58	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	485380	49.39	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	497780	48.04	ug/l	100
89) n-Butylbenzene	12.39	91	674325	50.27	ug/l	99
90) Hexachloroethane	12.60	117	121361	52.63	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	452230	50.34	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	13.00	75	58288	50.82	ug/l	97

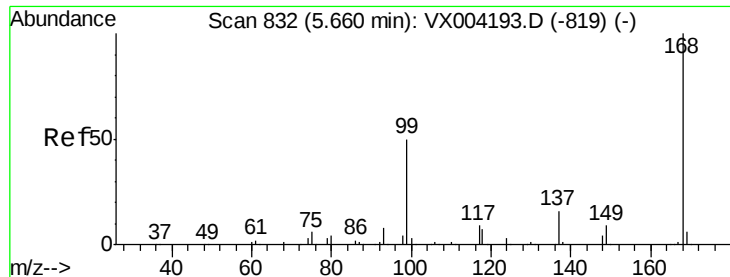
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082318\
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ClientSampleId :
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Quant Time: Aug 24 09:44:20 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 23 05:39:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	343209	52.51	ug/l	97
94) Hexachlorobutadiene	13.79	225	151884	49.95	ug/l	96
95) Naphthalene	13.83	128	1054411	57.04	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	361094	52.19	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.00 min

Lab File: VX004237.D

Acq: 23 Aug 2018 19:53

Instrument :

MSVOA_X

ClientSampleId :

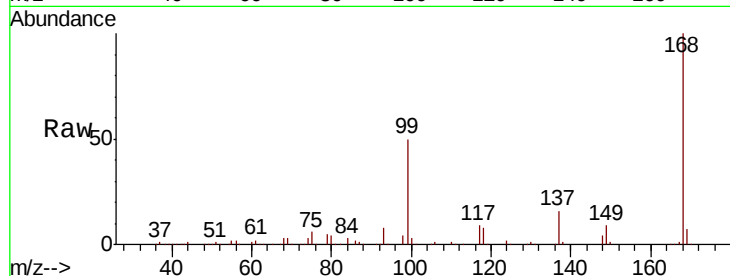
VSTDCCC050EC

Tot Ion:168 Resp: 345225

Ion Ratio Lower Upper

168 100

99 50.0 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

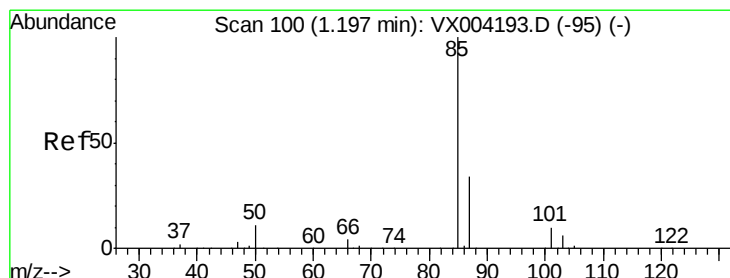
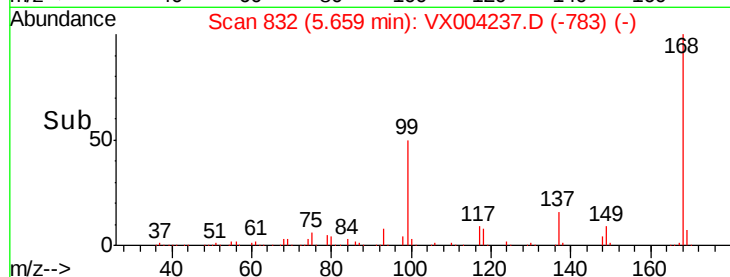
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 51.56 ug/l

RT: 1.19 min Scan# 99

Delta R.T. -0.01 min

Lab File: VX004237.D

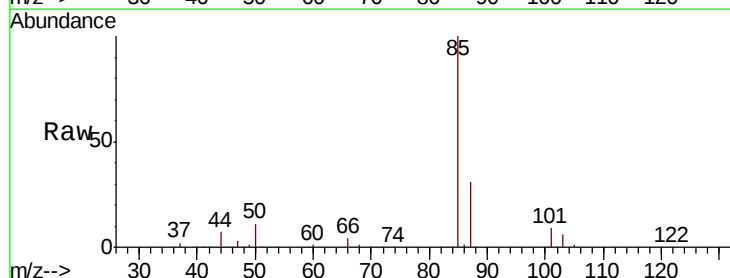
Acq: 23 Aug 2018 19:53

Tgt Ion: 85 Resp: 206150

Ion Ratio Lower Upper

85 100

87 31.1 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

200000

150000

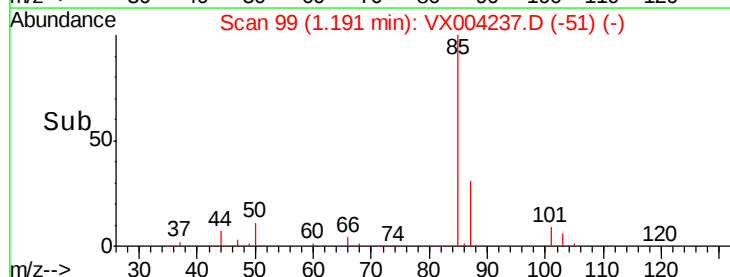
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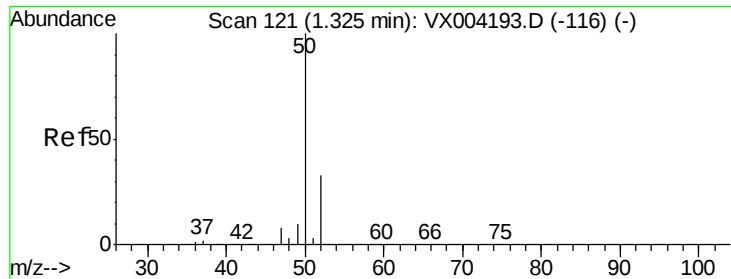
50000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 47.65 ug/l

RT: 1.32 min Scan# 120

Delta R.T. -0.01 min

Lab File: VX004237.D

Acq: 23 Aug 2018 19:53

Instrument :

MSVOA_X

ClientSampleId :

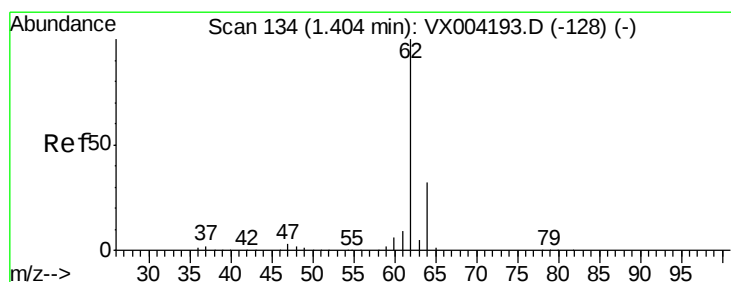
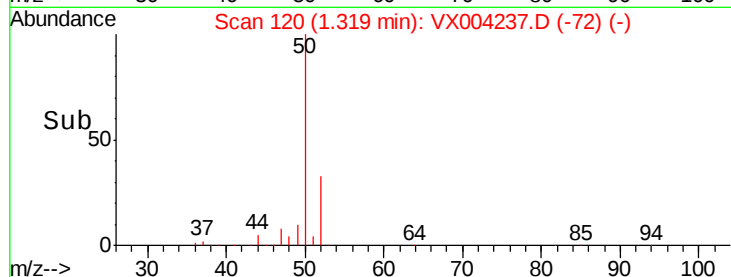
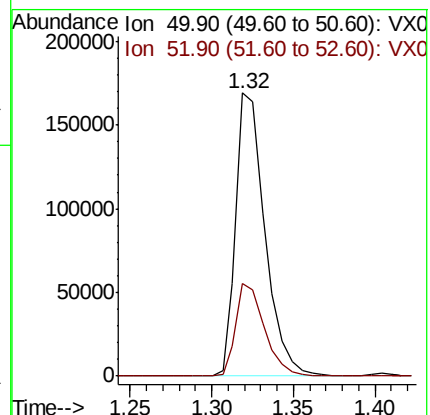
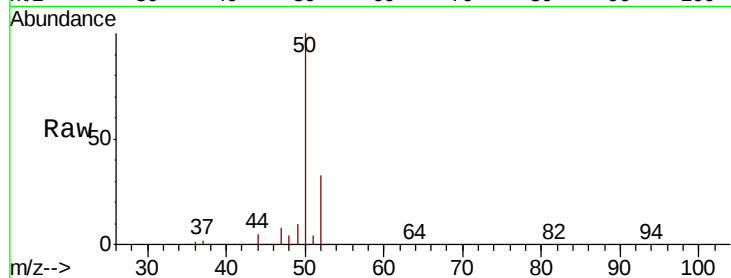
VSTDCCC050EC

Tot Ion: 50 Resp: 210526

Ion Ratio Lower Upper

50 100

52 32.5 26.2 39.2



#4

Vinyl Chloride

Concen: 48.87 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX004237.D

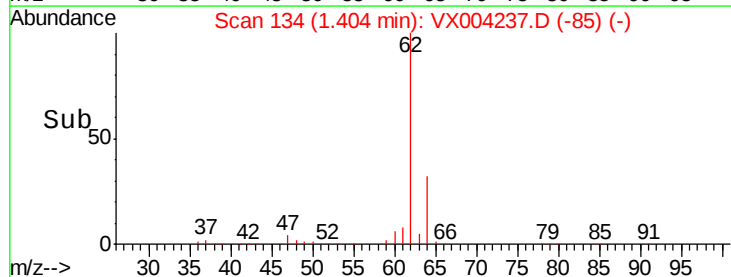
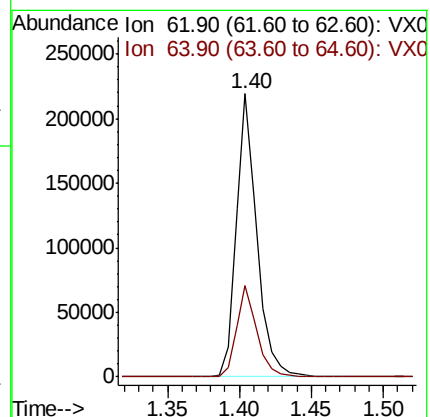
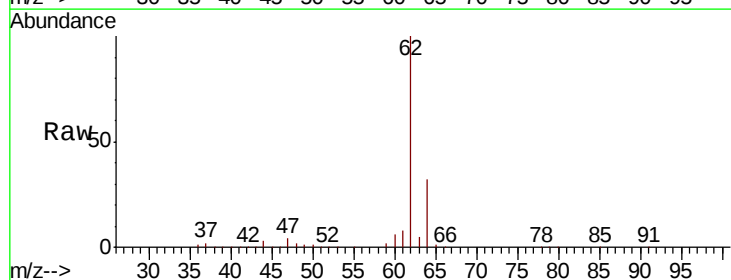
Acq: 23 Aug 2018 19:53

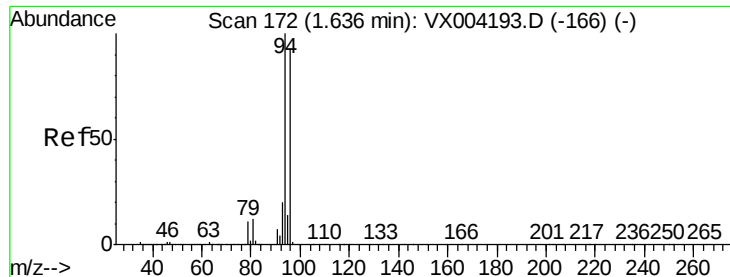
Tgt Ion: 62 Resp: 221036

Ion Ratio Lower Upper

62 100

64 32.0 25.8 38.8





#5

Bromomethane

Concen: 48.38 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX004237.D

Acq: 23 Aug 2018 19:53

Instrument :

MSVOA_X

ClientSampleId :

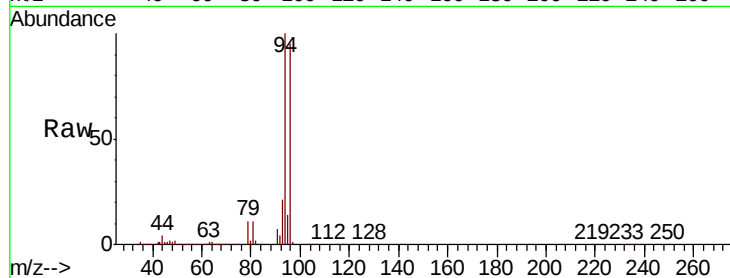
VSTDCCC050EC

Tot Ion: 94 Resp: 108007

Ion Ratio Lower Upper

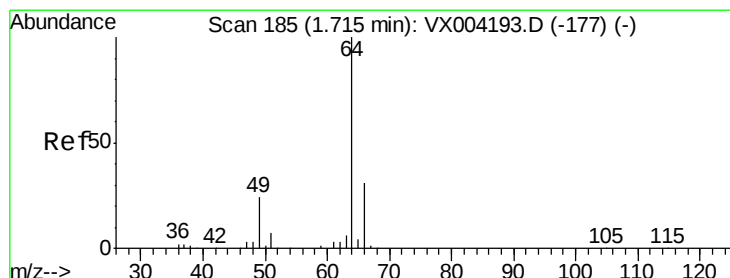
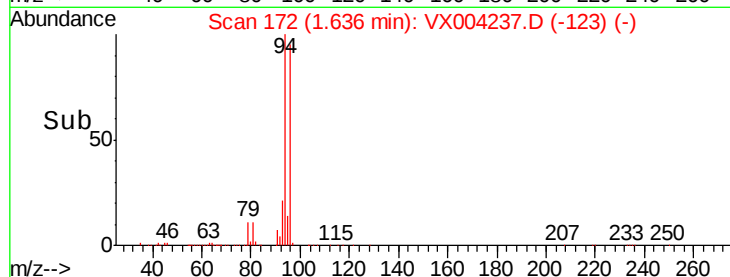
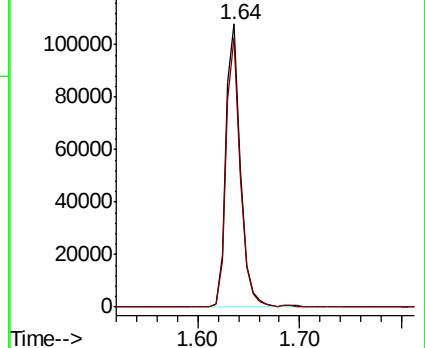
94 100

96 94.9 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 44.57 ug/l

RT: 1.72 min Scan# 185

Delta R.T. 0.00 min

Lab File: VX004237.D

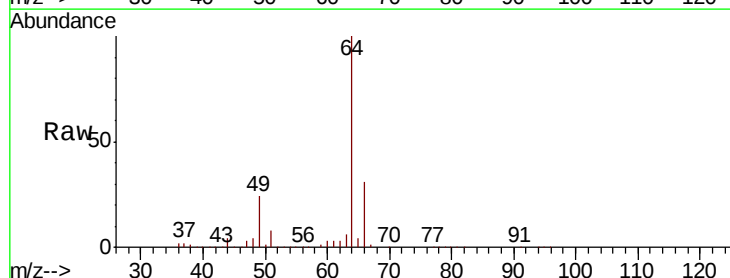
Acq: 23 Aug 2018 19:53

Tgt Ion: 64 Resp: 143863

Ion Ratio Lower Upper

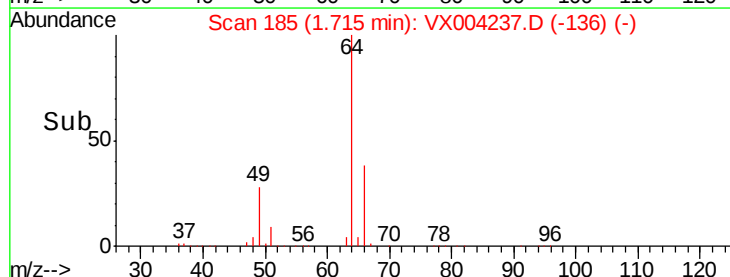
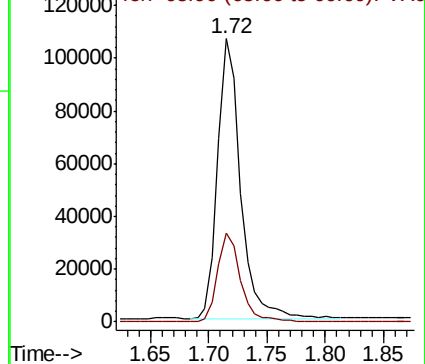
64 100

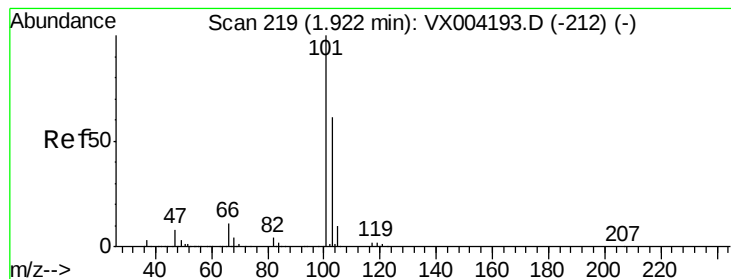
66 31.7 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



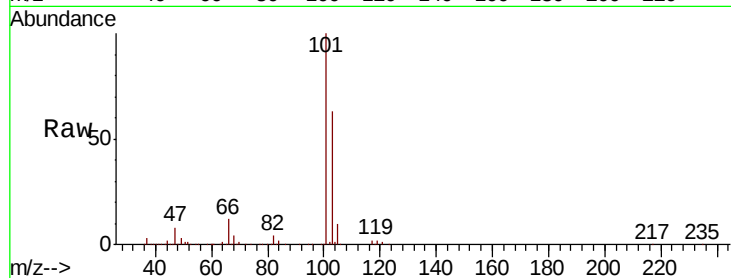


#7

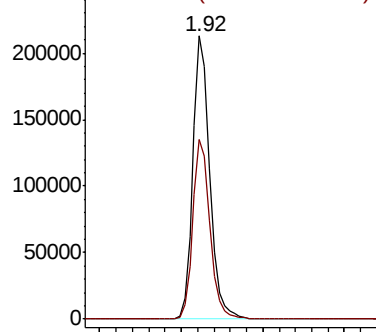
Trichlorofluoromethane
 Concen: 49.51 ug/l
 RT: 1.92 min Scan# 219
 Delta R.T. -0.00 min
 Lab File: VX004237.D
 Acq: 23 Aug 2018 19:53

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 VSTDCCC050EC

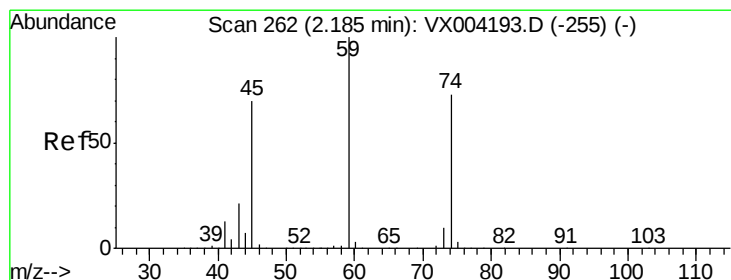
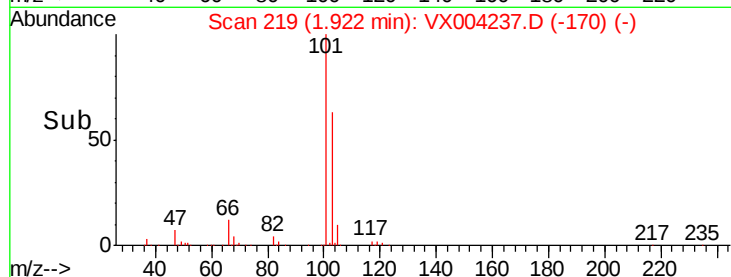
Tot Ion:101 Resp: 306897
 Ion Ratio Lower Upper
 101 100
 103 63.3 48.9 73.3



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



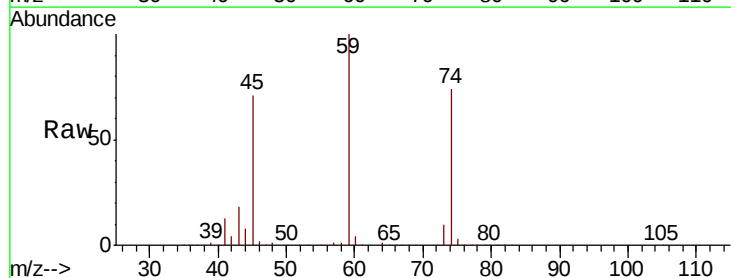
Time--> 1.80 1.90 2.00 2.10



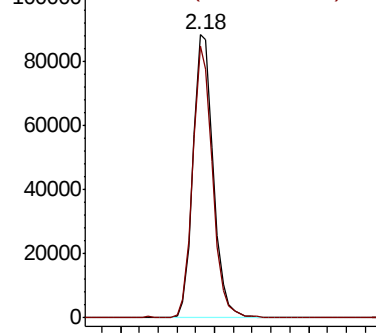
#8

Diethyl Ether
 Concen: 49.71 ug/l
 RT: 2.18 min Scan# 262
 Delta R.T. -0.00 min
 Lab File: VX004237.D
 Acq: 23 Aug 2018 19:53

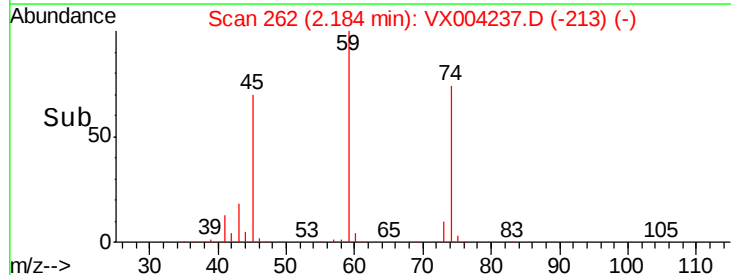
Tgt Ion: 74 Resp: 131948
 Ion Ratio Lower Upper
 74 100
 45 93.2 48.3 144.8

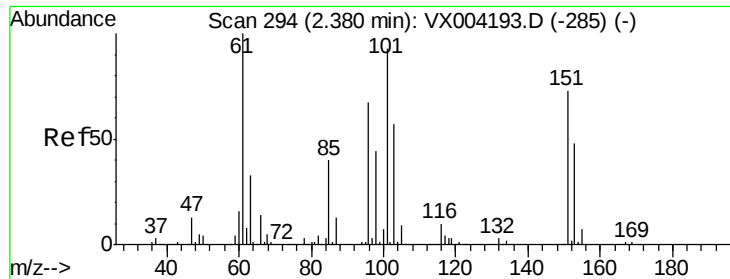


Abundance Ion 74.00 (73.70 to 74.70): VX0
 Ion 45.00 (44.70 to 45.70): VX0



Time--> 2.10 2.20 2.30





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.14 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.00 min

Lab File: VX004237.D

Acq: 23 Aug 2018 19:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

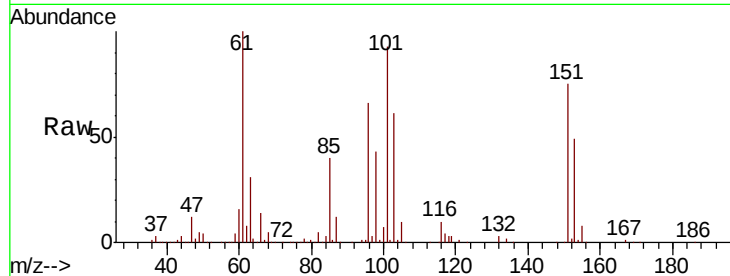
Tot Ion:101 Resp: 186897

Ion Ratio Lower Upper

101 100

85 42.6 34.2 51.4

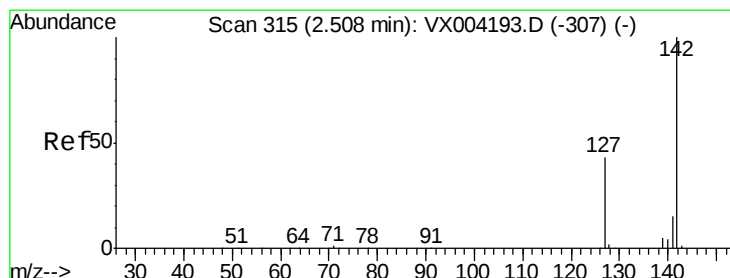
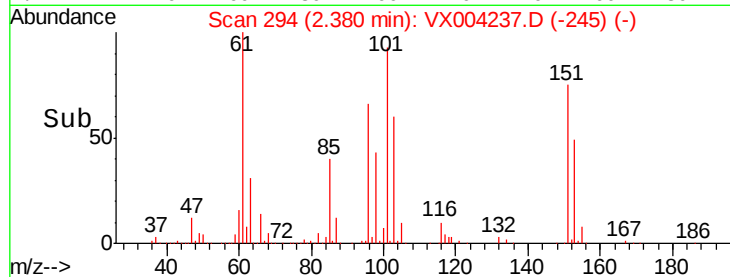
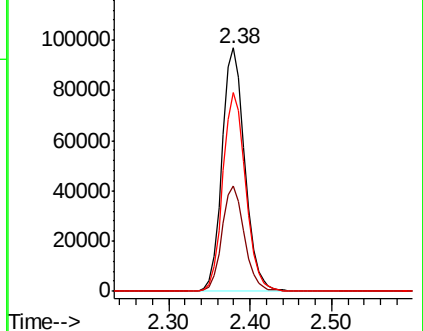
151 81.8 65.0 97.6



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: 45.86 ug/l

RT: 2.51 min Scan# 315

Delta R.T. 0.00 min

Lab File: VX004237.D

Acq: 23 Aug 2018 19:53

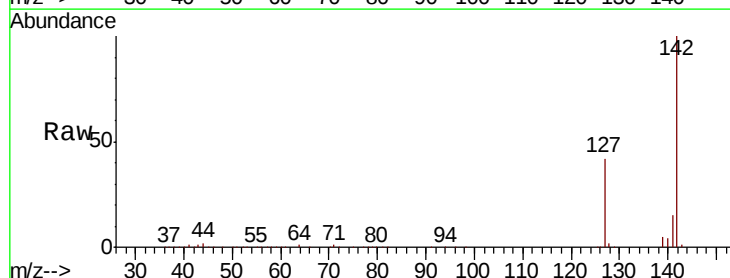
Tgt Ion:142 Resp: 199238

Ion Ratio Lower Upper

142 100

127 40.9 33.8 50.6

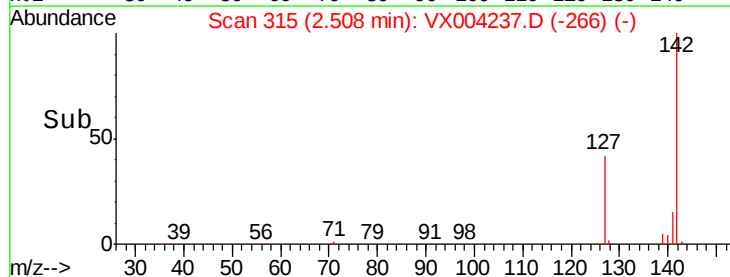
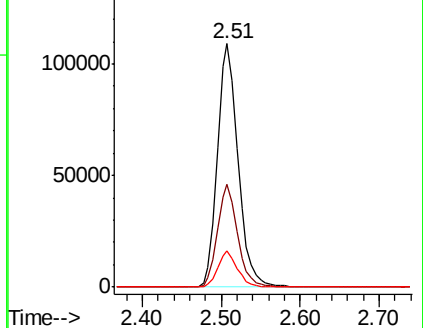
141 14.2 11.4 17.0

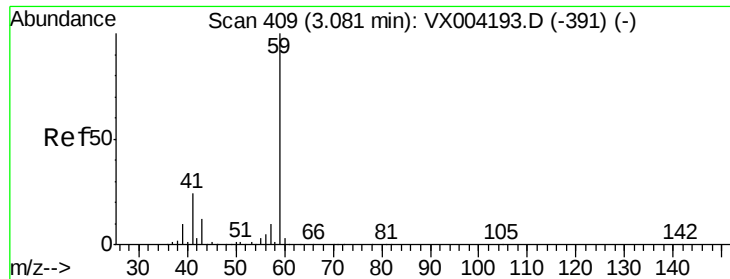


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

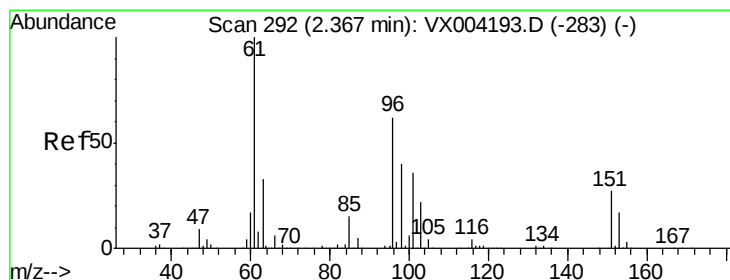
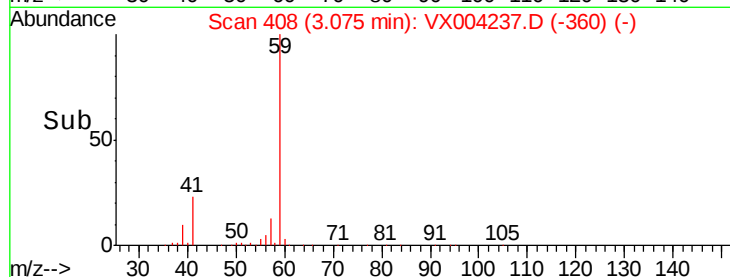
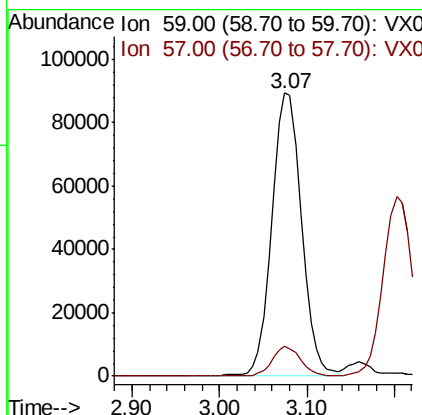
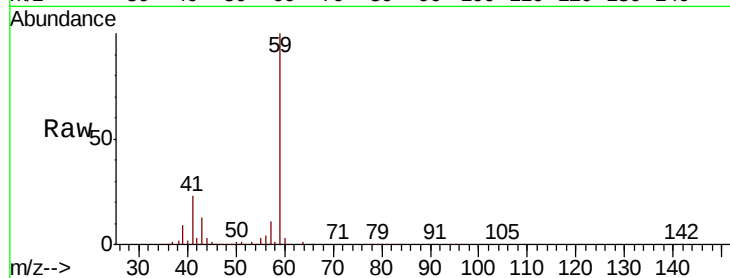




#11
Tert butyl alcohol
Concen: 220.11 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX004237.D
Acq: 23 Aug 2018 19:53

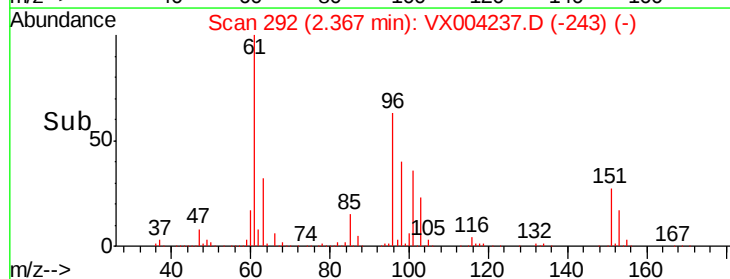
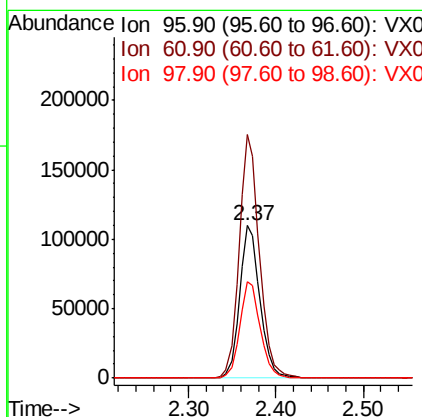
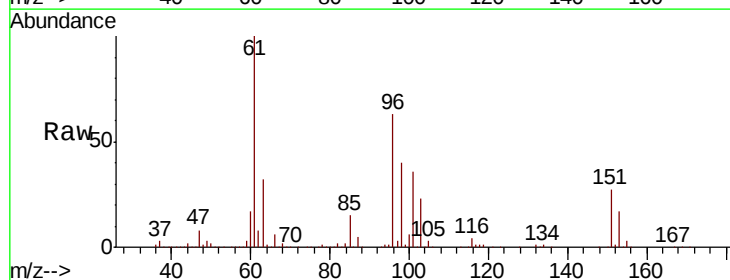
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

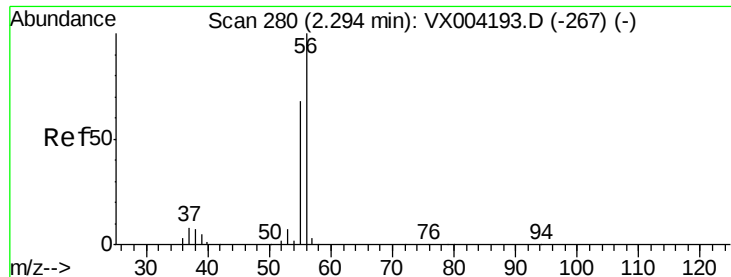
Tot Ion: 59 Resp: 211113
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.4



#12
1,1-Dichloroethene
Concen: 48.53 ug/l
RT: 2.37 min Scan# 292
Delta R.T. 0.00 min
Lab File: VX004237.D
Acq: 23 Aug 2018 19:53

Tgt Ion: 96 Resp: 177487
Ion Ratio Lower Upper
96 100
61 159.7 128.8 193.2
98 63.7 52.2 78.2





#13

Acrolein

Concen: 223.19 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX004237.D

Acq: 23 Aug 2018 19:53

Instrument :

MSVOA_X

ClientSampleId :

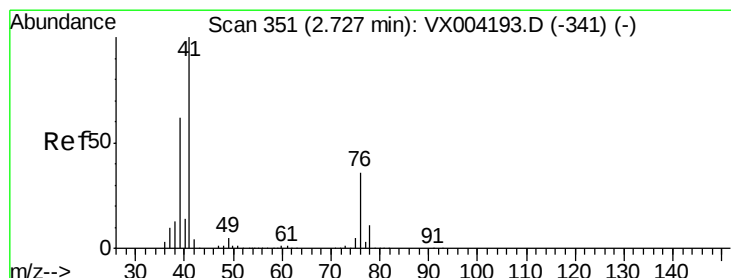
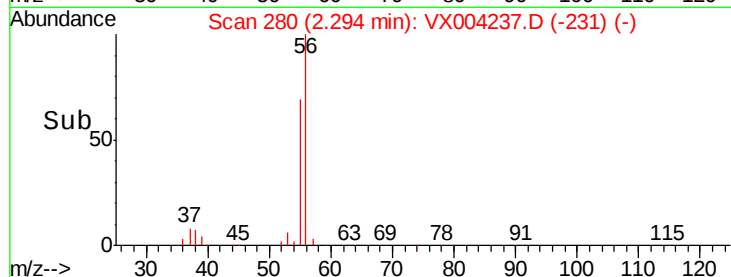
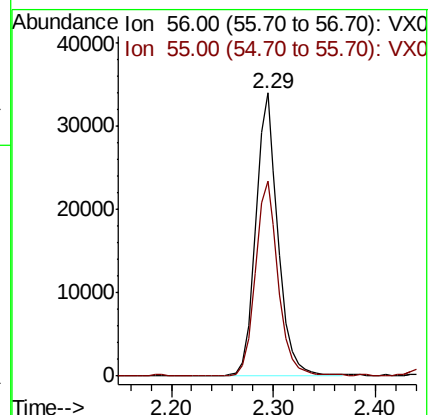
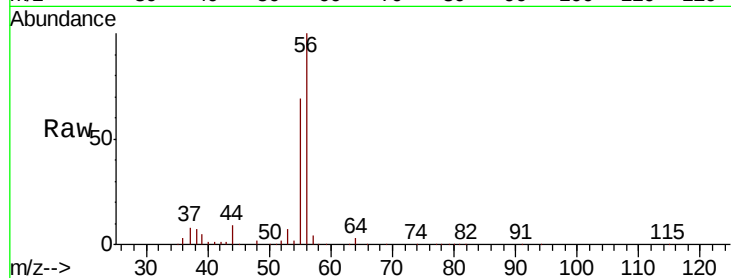
VSTDCCC050EC

Tot Ion: 56 Resp: 51610

Ion Ratio Lower Upper

56 100

55 70.2 54.7 82.1



#14

Allyl chloride

Concen: 47.05 ug/l

RT: 2.72 min Scan# 350

Delta R.T. -0.01 min

Lab File: VX004237.D

Acq: 23 Aug 2018 19:53

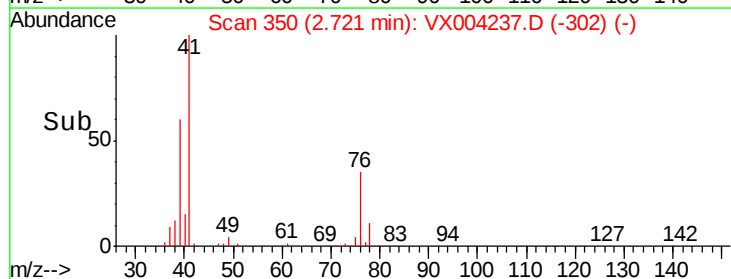
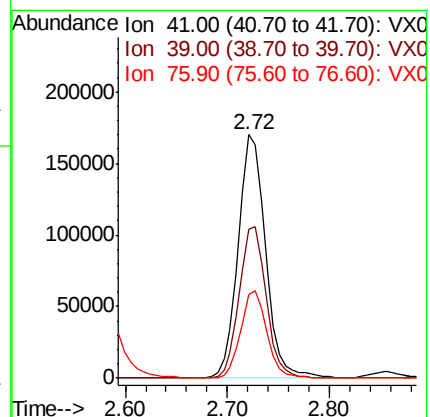
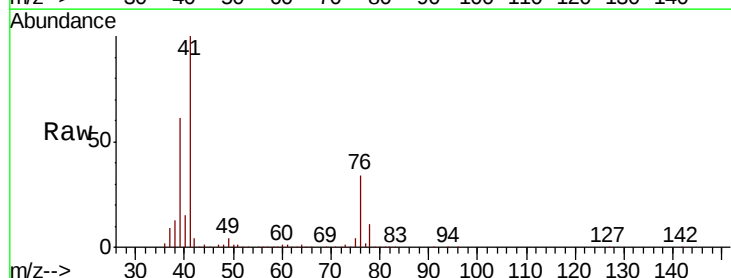
Tgt Ion: 41 Resp: 316149

Ion Ratio Lower Upper

41 100

39 61.0 48.9 73.3

76 34.2 26.7 40.1





#15

Acrylonitrile

Concen: 231.87 ug/l

RT: 3.15 min Scan# 420

Delta R.T. 0.00 min

Lab File: VX004237.D

Acq: 23 Aug 2018 19:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

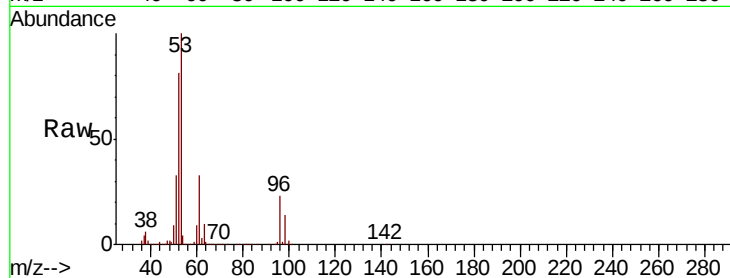
Tot Ion: 53 Resp: 550777

Ion Ratio Lower Upper

53 100

52 81.2 65.2 97.8

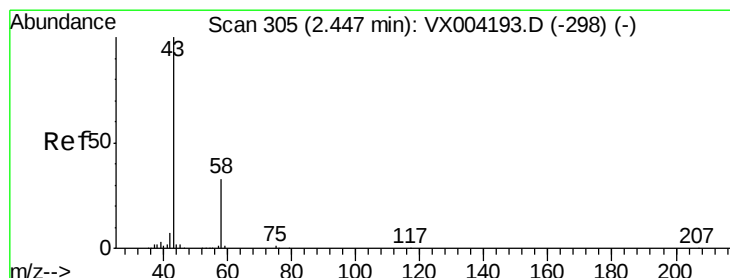
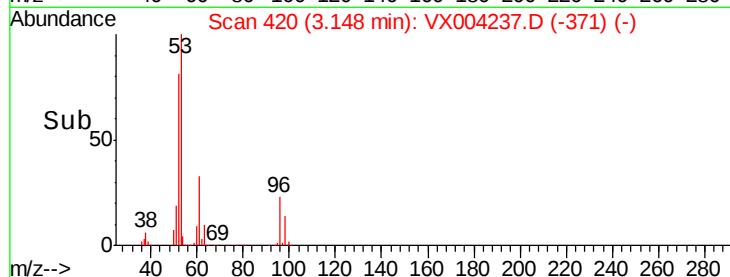
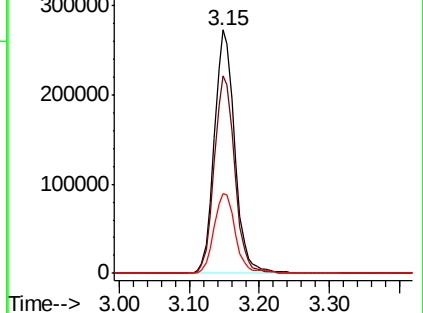
51 34.4 28.2 42.2



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 234.37 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX004237.D

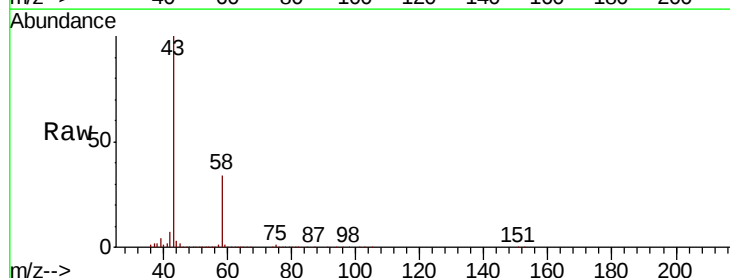
Acq: 23 Aug 2018 19:53

Tgt Ion: 43 Resp: 431417

Ion Ratio Lower Upper

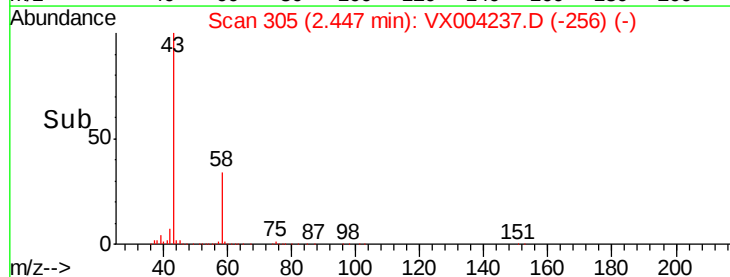
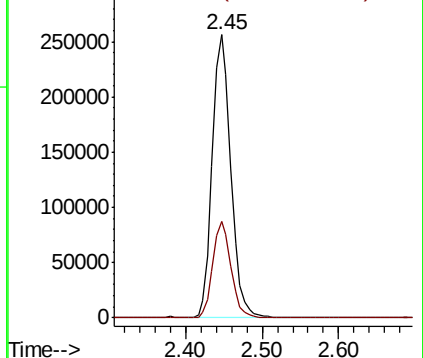
43 100

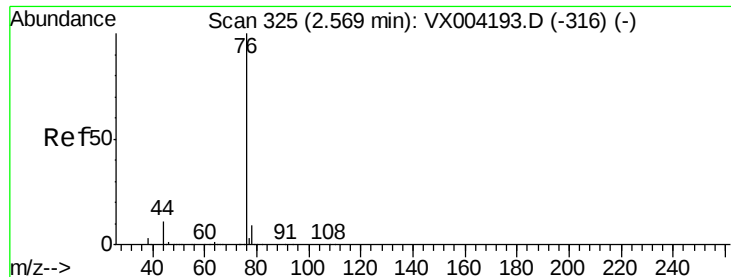
58 34.1 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

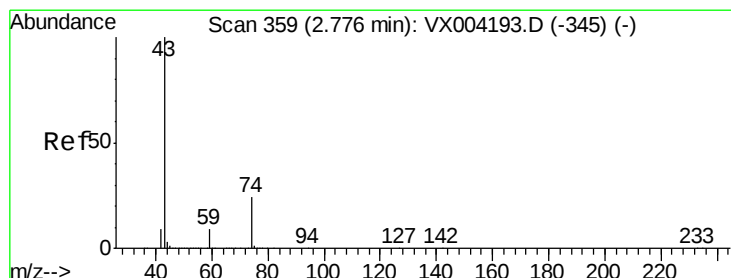
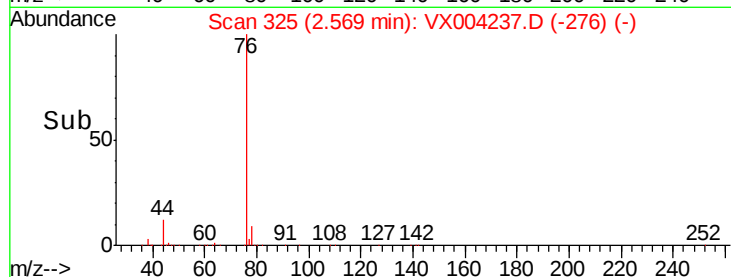
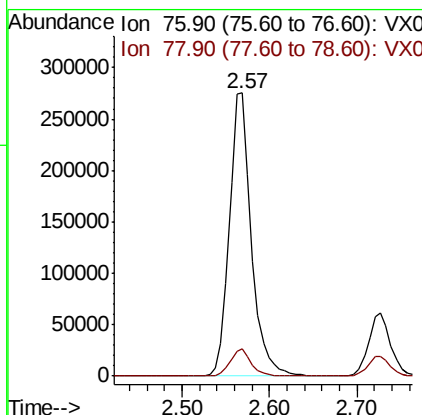
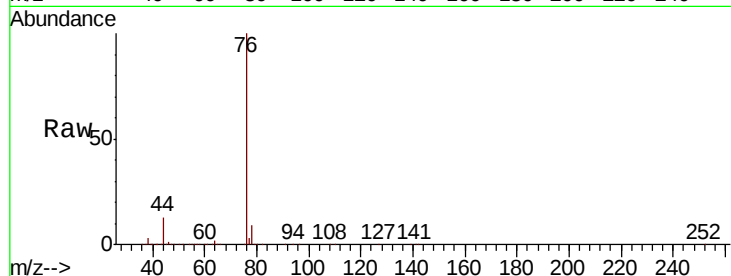




#17
Carbon Disulfide
Concen: 47.50 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX004237.D
Acq: 23 Aug 2018 19:53

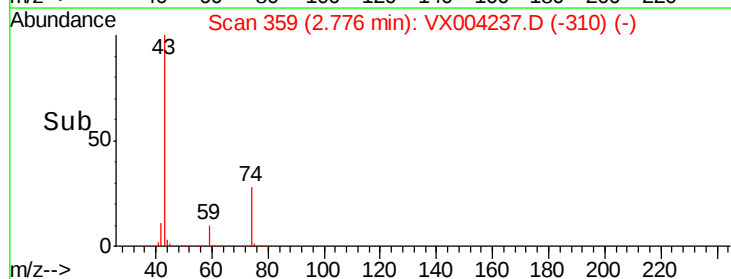
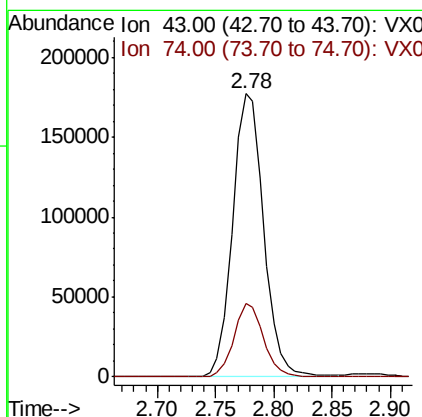
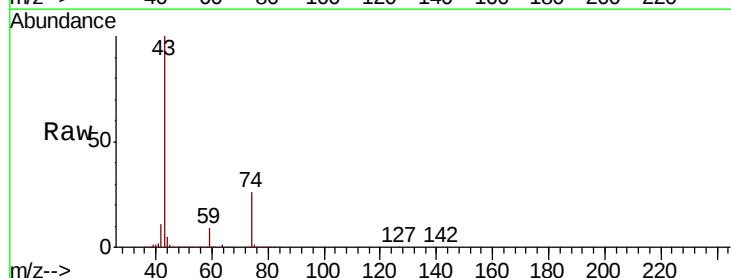
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

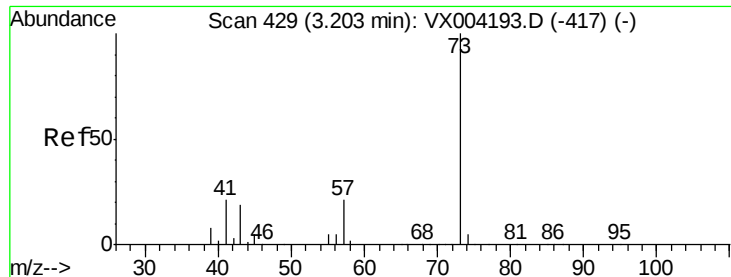
Tot Ion: 76 Resp: 482035
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.6



#18
Methyl Acetate
Concen: 49.19 ug/l
RT: 2.78 min Scan# 359
Delta R.T. 0.00 min
Lab File: VX004237.D
Acq: 23 Aug 2018 19:53

Tgt Ion: 43 Resp: 328474
Ion Ratio Lower Upper
43 100
74 24.9 19.4 29.2



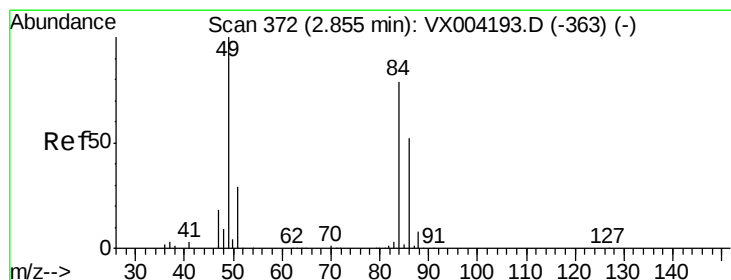
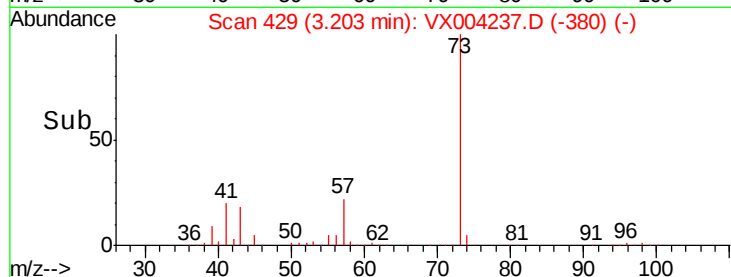
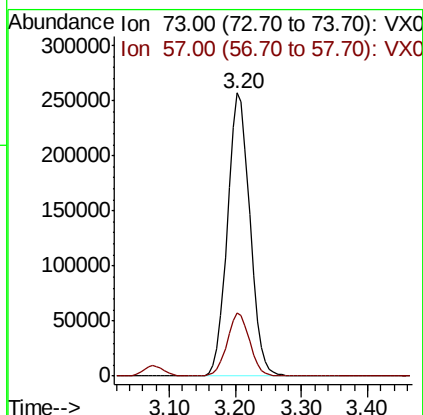
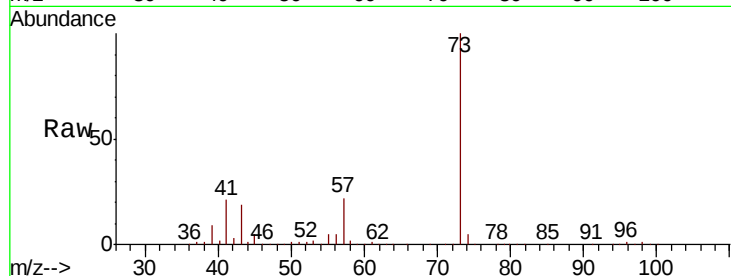


#19

Methyl tert-butyl Ether
 Concen: 50.28 ug/l
 RT: 3.20 min Scan# 429
 Delta R.T. 0.00 min
 Lab File: VX004237.D
 Acq: 23 Aug 2018 19:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

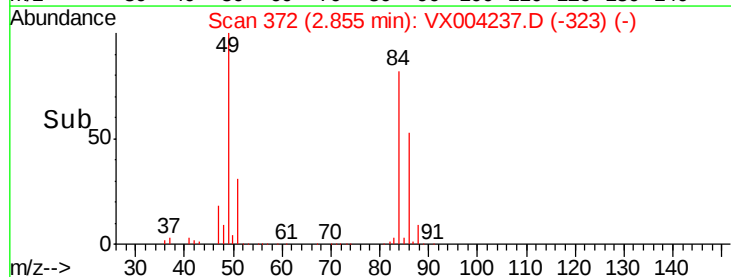
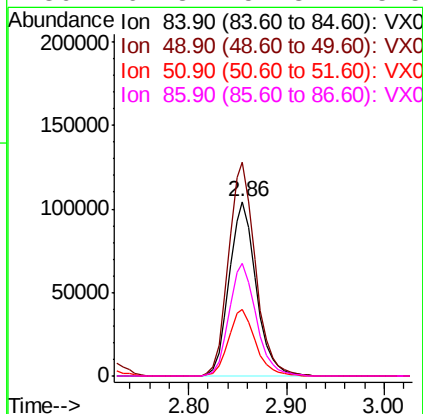
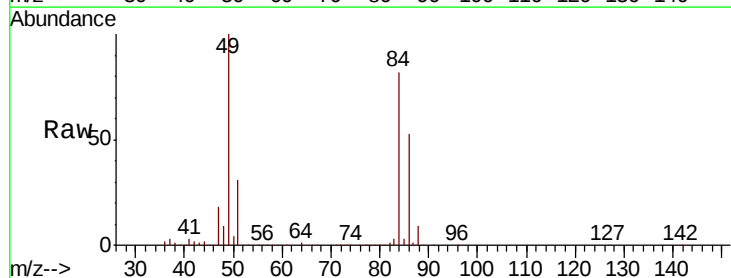
Tot Ion: 73 Resp: 605952
 Ion Ratio Lower Upper
 73 100
 57 22.2 17.1 25.7

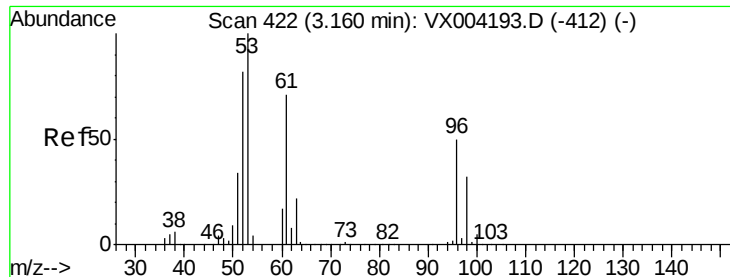


#20

Methylene Chloride
 Concen: 45.98 ug/l
 RT: 2.86 min Scan# 372
 Delta R.T. 0.00 min
 Lab File: VX004237.D
 Acq: 23 Aug 2018 19:53

Tgt Ion: 84 Resp: 199176
 Ion Ratio Lower Upper
 84 100
 49 122.5 101.2 151.8
 51 37.8 29.5 44.3
 86 64.3 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 47.31 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.00 min

Lab File: VX004237.D

Acq: 23 Aug 2018 19:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

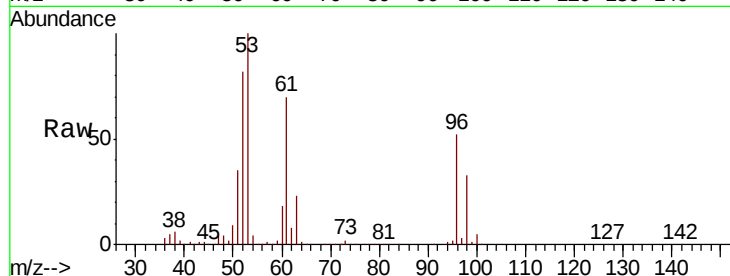
Tot Ion: 96 Resp: 191499

Ion Ratio Lower Upper

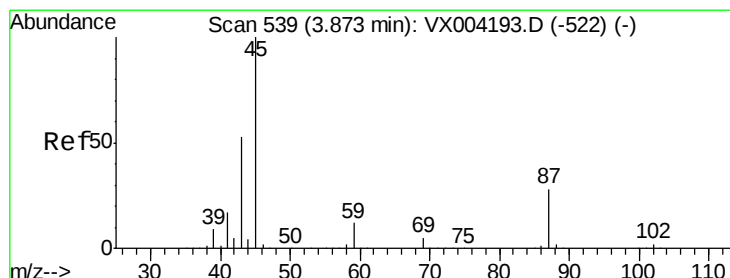
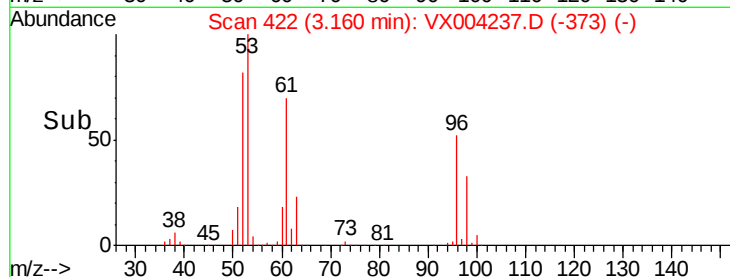
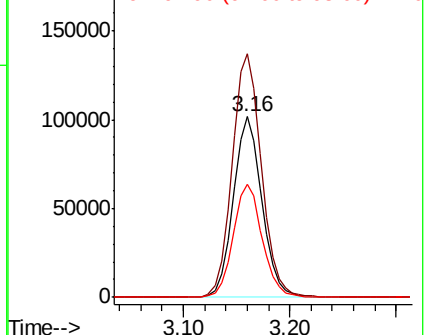
96 100

61 134.9 113.8 170.6

98 62.8 51.8 77.8



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



#22

Diisopropyl ether

Concen: 47.64 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.00 min

Lab File: VX004237.D

Acq: 23 Aug 2018 19:53

Tgt Ion: 45 Resp: 597680

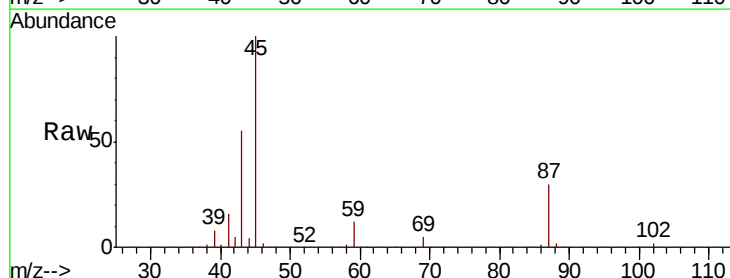
Ion Ratio Lower Upper

45 100

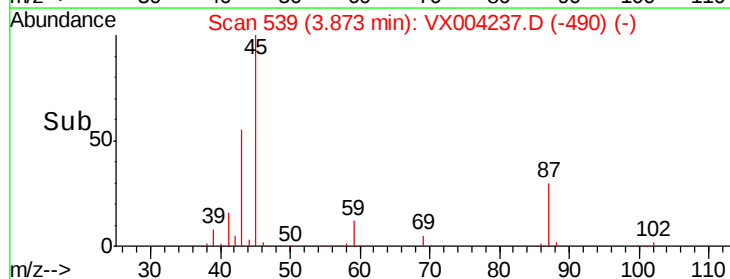
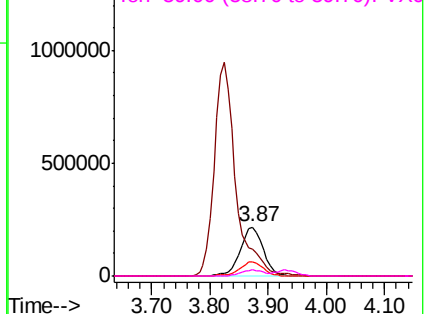
43 54.9 42.8 64.2

87 29.7 22.6 34.0

59 12.3 9.6 14.4



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 238.25 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.00 min

Lab File: VX004237.D

Acq: 23 Aug 2018 19:53

Instrument :

MSVOA_X

ClientSampleId :

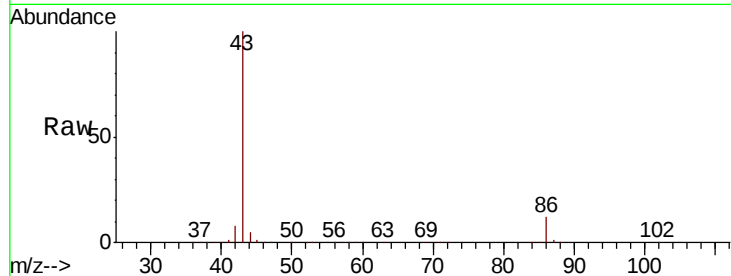
VSTDCCC050EC

Tot Ion: 43 Resp: 2422636

Ion Ratio Lower Upper

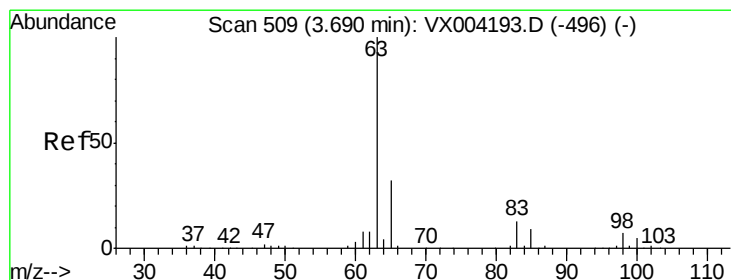
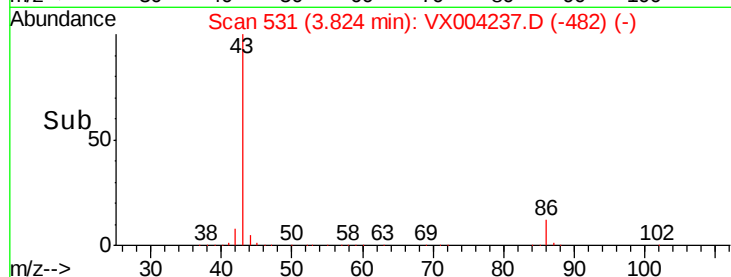
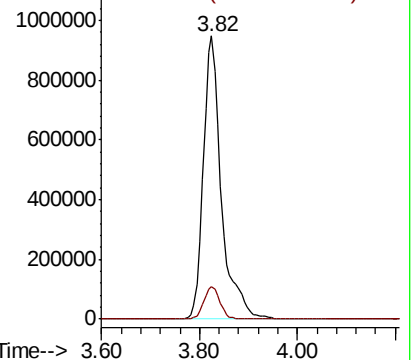
43 100

86 11.6 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 46.40 ug/l

RT: 3.69 min Scan# 509

Delta R.T. 0.00 min

Lab File: VX004237.D

Acq: 23 Aug 2018 19:53

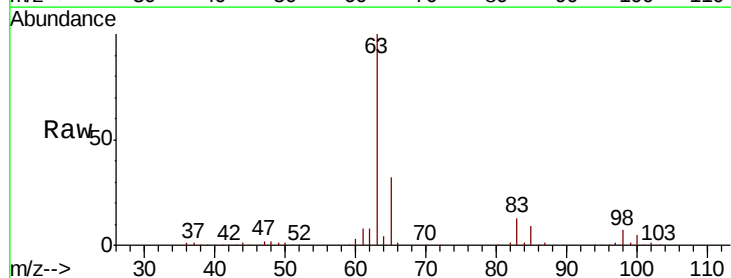
Tgt Ion: 63 Resp: 339259

Ion Ratio Lower Upper

63 100

98 7.4 3.5 10.4

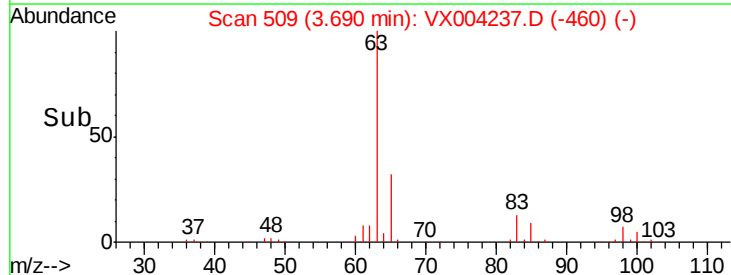
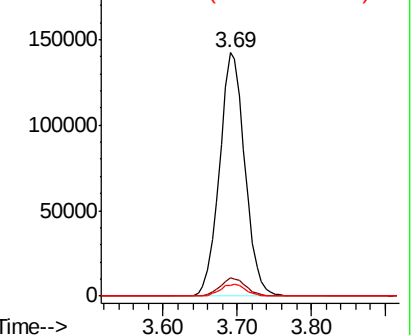
100 4.5 2.4 7.1

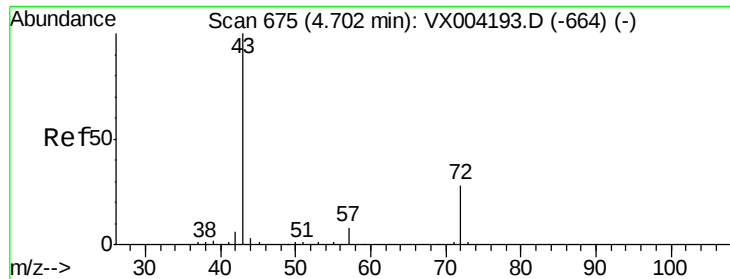


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 232.17 ug/l

RT: 4.70 min Scan# 675

Delta R.T. 0.00 min

Lab File: VX004237.D

Acq: 23 Aug 2018 19:53

Instrument :

MSVOA_X

ClientSampleId :

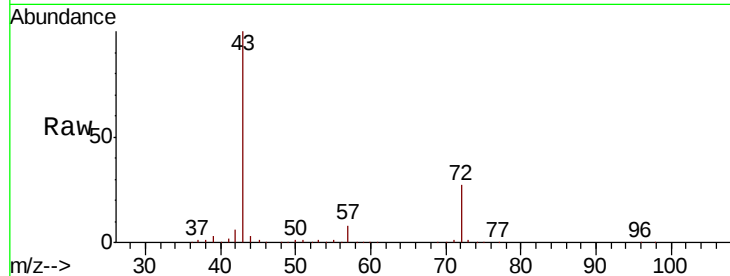
VSTDCCC050EC

Tot Ion: 43 Resp: 700602

Ion Ratio Lower Upper

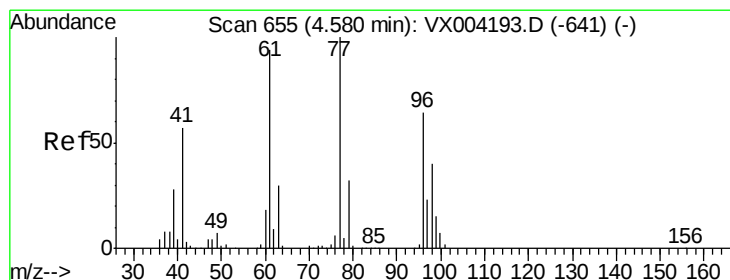
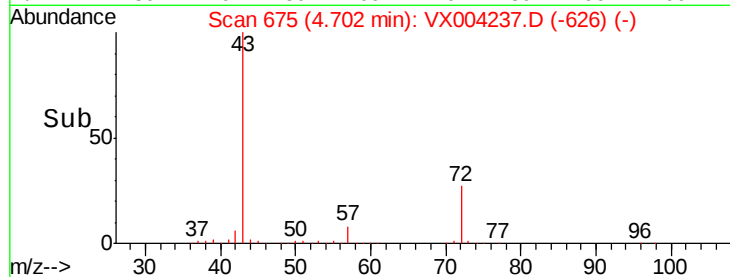
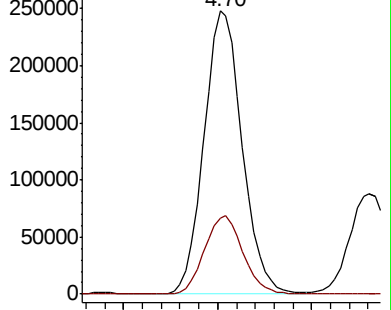
43 100

72 27.1 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 40.48 ug/l

RT: 4.58 min Scan# 655

Delta R.T. 0.00 min

Lab File: VX004237.D

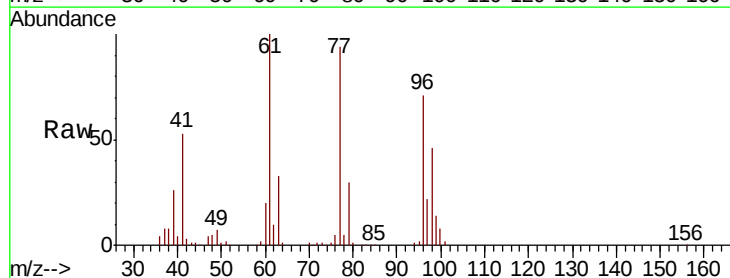
Acq: 23 Aug 2018 19:53

Tgt Ion: 77 Resp: 232120

Ion Ratio Lower Upper

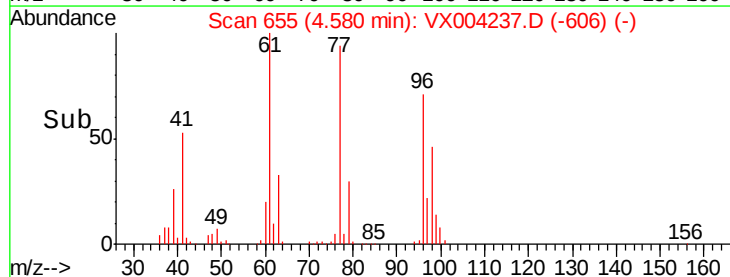
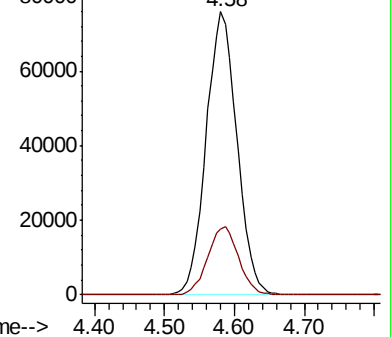
77 100

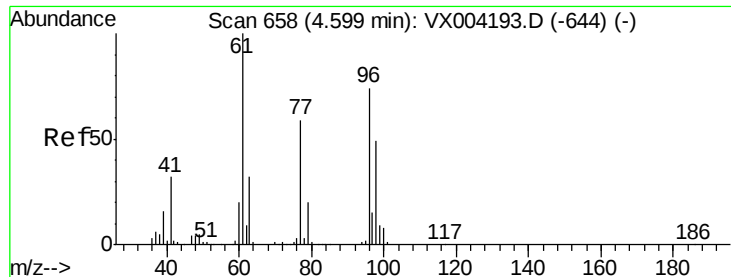
97 24.1 11.7 35.0



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: 47.66 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.01 min

Lab File: VX004237.D

Acq: 23 Aug 2018 19:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

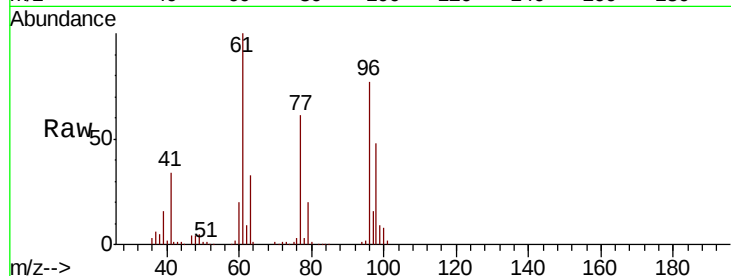
Tot Ion: 96 Resp: 218834

Ion Ratio Lower Upper

96 100

61 136.4 0.0 282.6

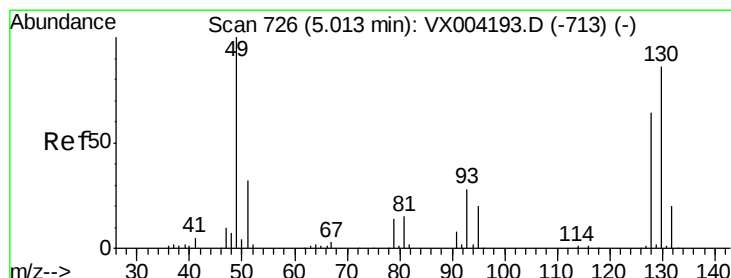
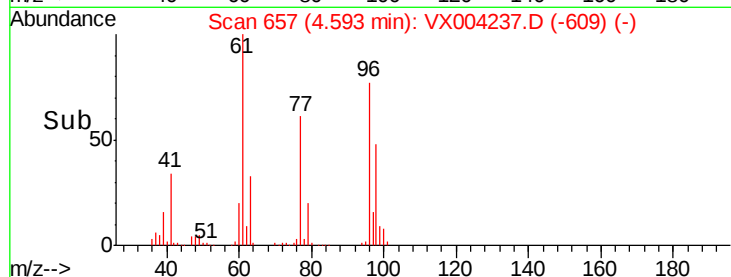
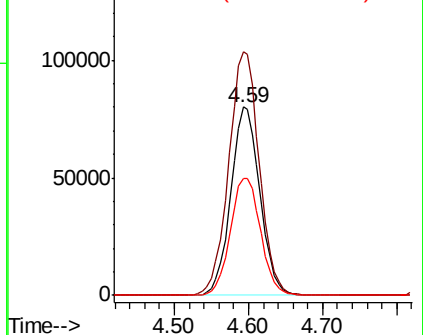
98 64.7 0.0 130.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 48.96 ug/l

RT: 5.01 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX004237.D

Acq: 23 Aug 2018 19:53

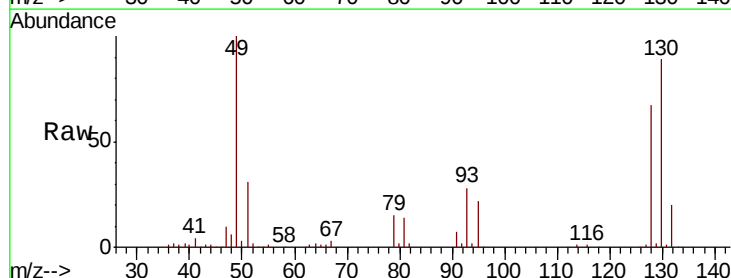
Tgt Ion: 49 Resp: 158495

Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.2

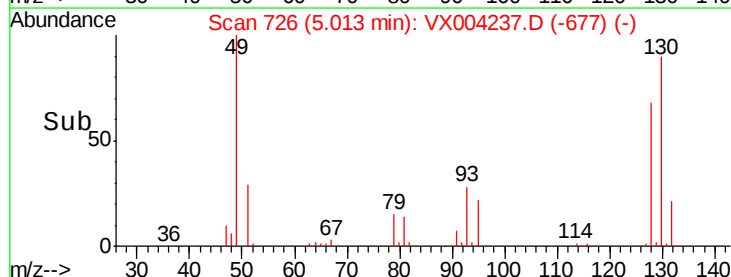
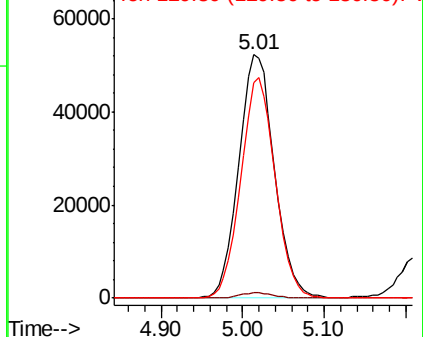
130 87.5 67.5 101.3

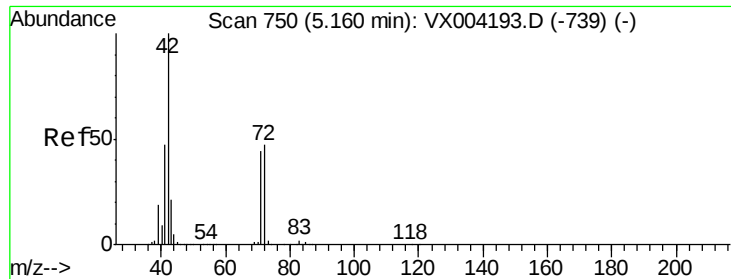


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

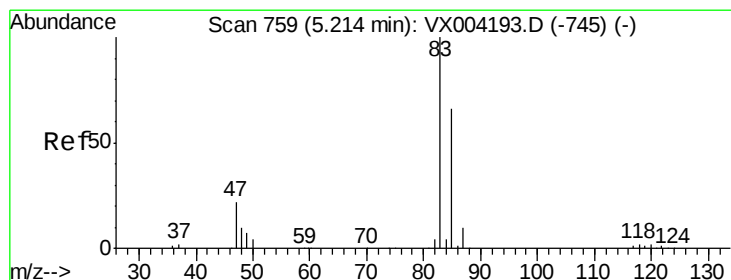
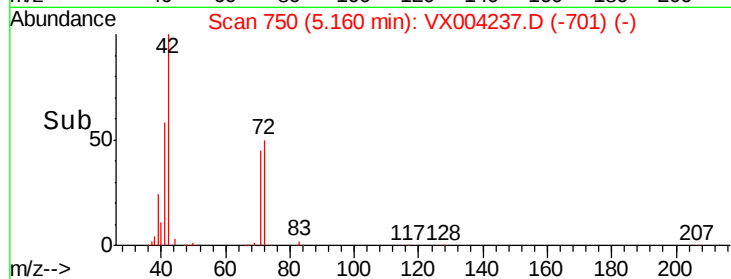
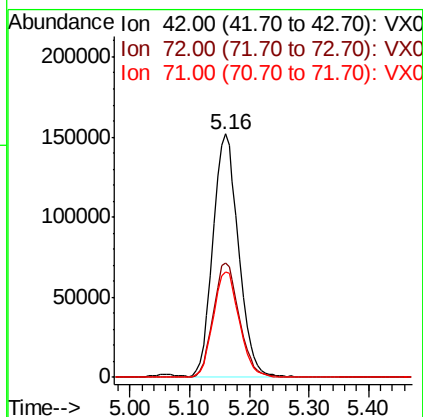
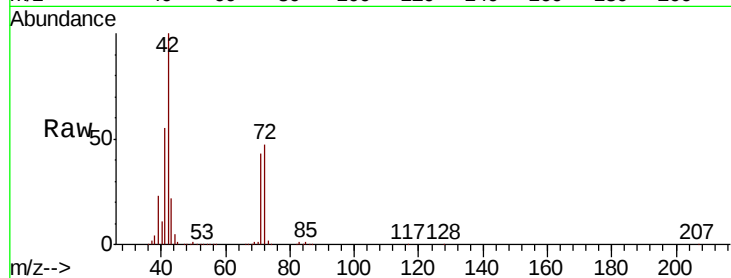




#29
Tetrahydrofuran
Concen: 232.93 ug/l
RT: 5.16 min Scan# 750
Delta R.T. 0.00 min
Lab File: VX004237.D
Acq: 23 Aug 2018 19:53

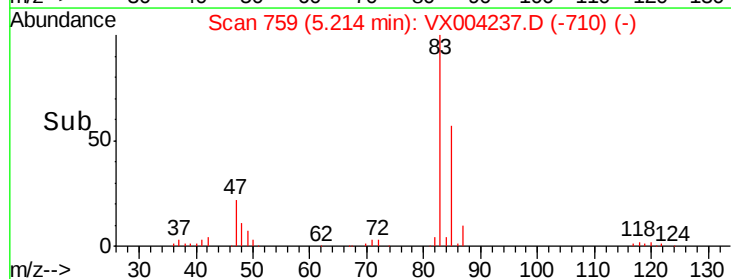
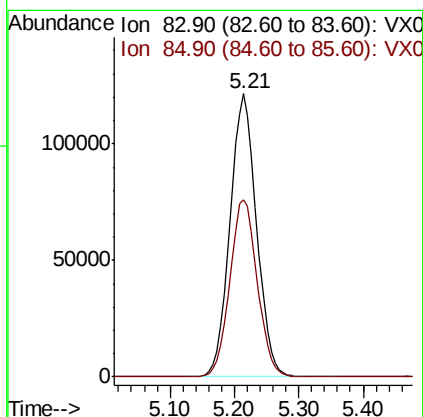
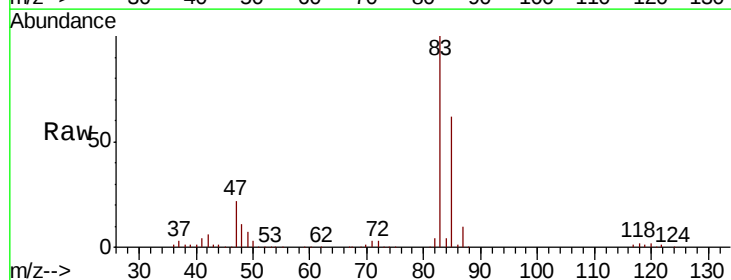
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

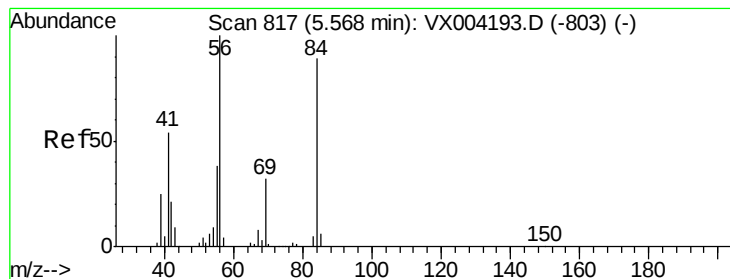
Tot Ion: 42 Resp: 450309
Ion Ratio Lower Upper
42 100
72 48.0 37.4 56.0
71 44.3 34.5 51.7



#30
Chloroform
Concen: 47.71 ug/l
RT: 5.21 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX004237.D
Acq: 23 Aug 2018 19:53

Tgt Ion: 83 Resp: 349735
Ion Ratio Lower Upper
83 100
85 62.5 52.6 79.0





#31

Cyclohexane

Concen: 49.69 ug/l

RT: 5.57 min Scan# 817

Delta R.T. -0.00 min

Lab File: VX004237.D

Acq: 23 Aug 2018 19:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

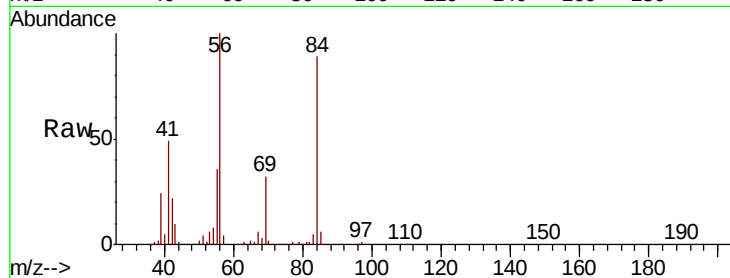
Tot Ion: 56 Resp: 313487

Ion Ratio Lower Upper

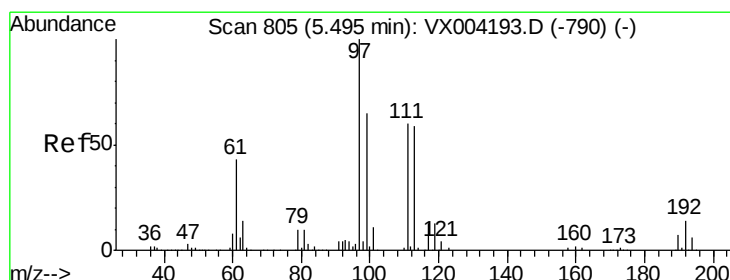
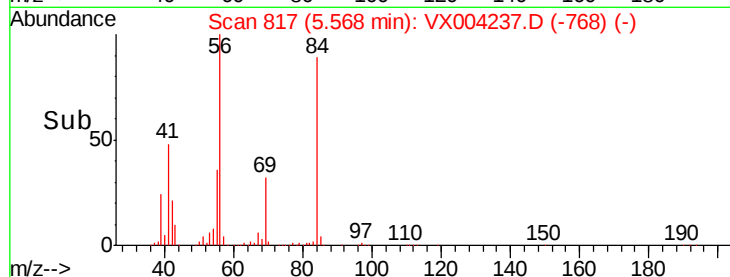
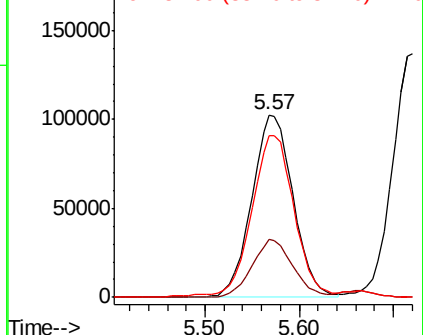
56 100

69 31.8 25.4 38.2

84 87.5 71.4 107.2



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



#32

1,1,1-Trichloroethane

Concen: 49.19 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX004237.D

Acq: 23 Aug 2018 19:53

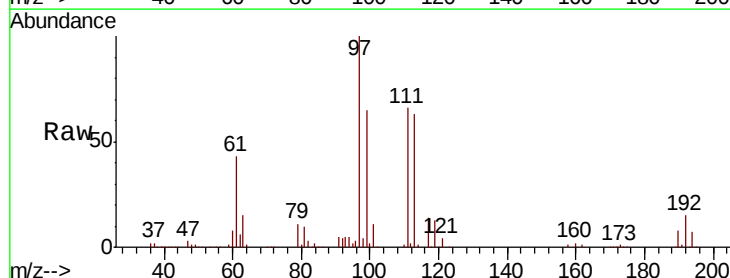
Tgt Ion: 97 Resp: 300712

Ion Ratio Lower Upper

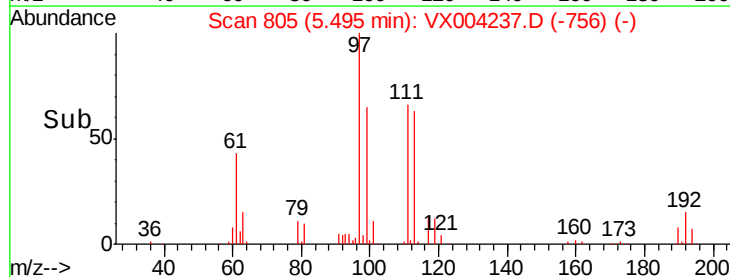
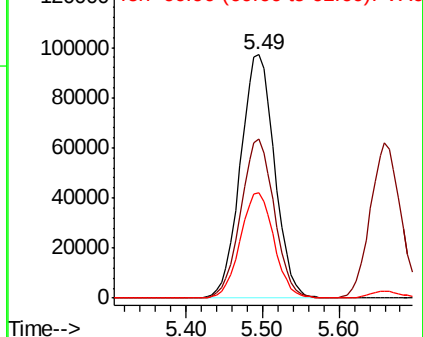
97 100

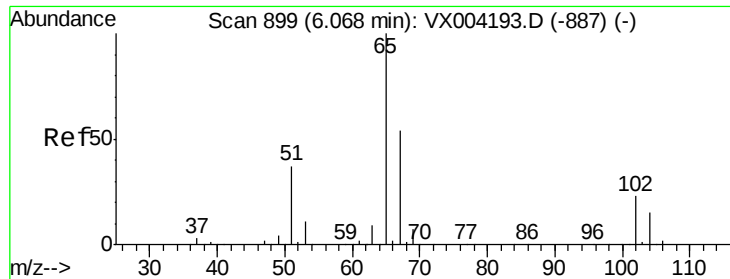
99 64.1 52.0 78.0

61 43.1 34.9 52.3



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

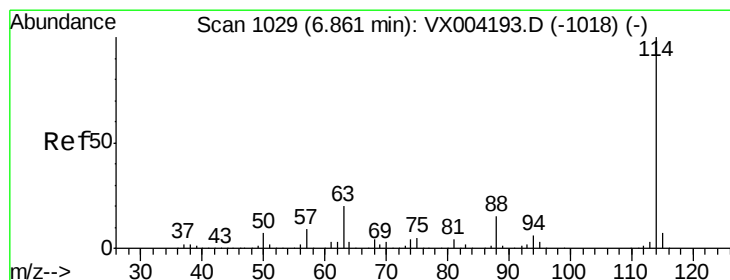
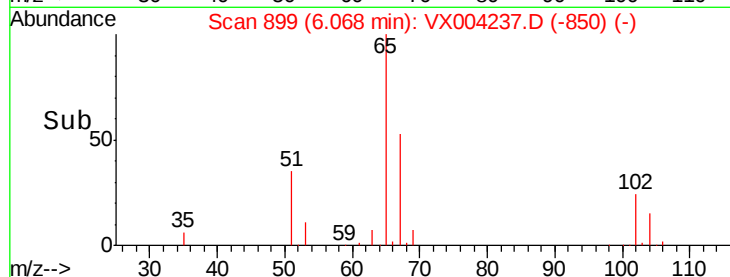
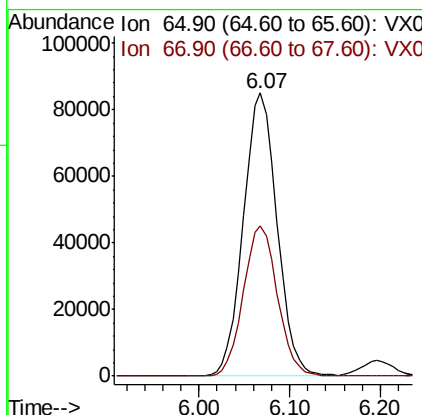
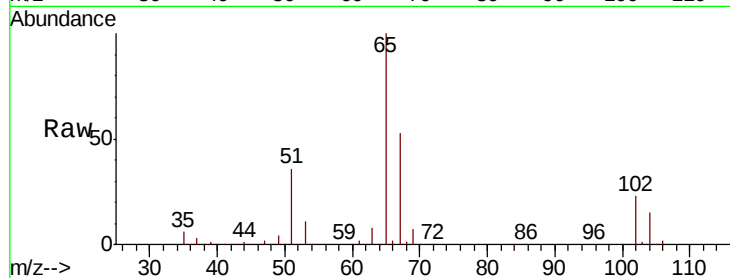




#33
 1,2-Dichloroethane-d4
 Concen: 48.66 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VX004237.D
 Acq: 23 Aug 2018 19:53

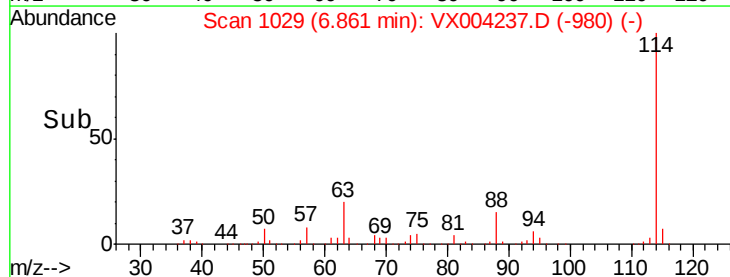
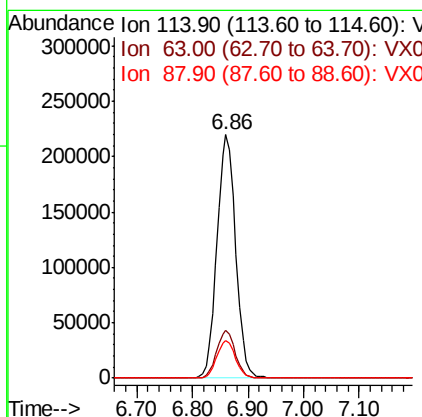
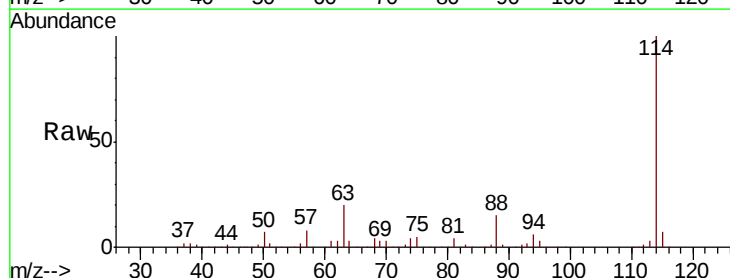
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 65 Resp: 218940
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. 0.00 min
 Lab File: VX004237.D
 Acq: 23 Aug 2018 19:53

Tgt Ion: 114 Resp: 511577
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.0
 88 15.2 0.0 30.4

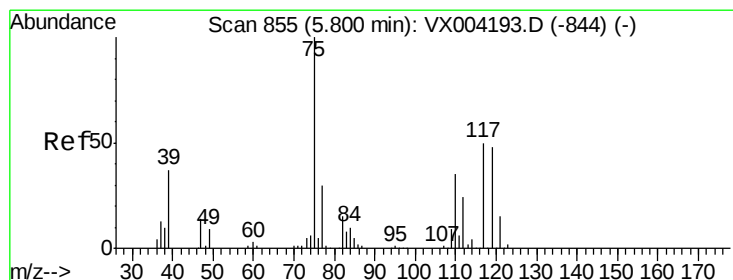
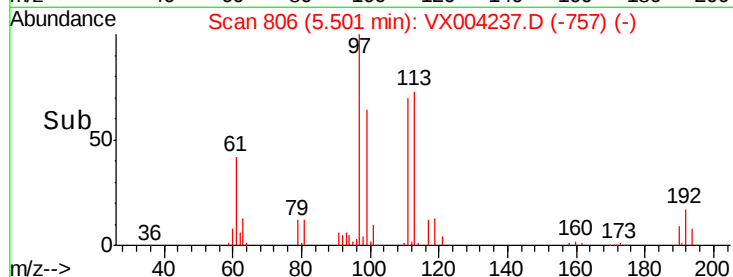
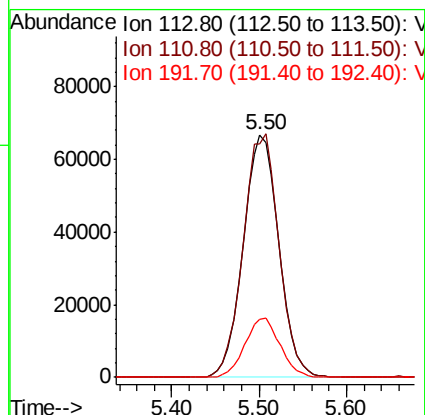
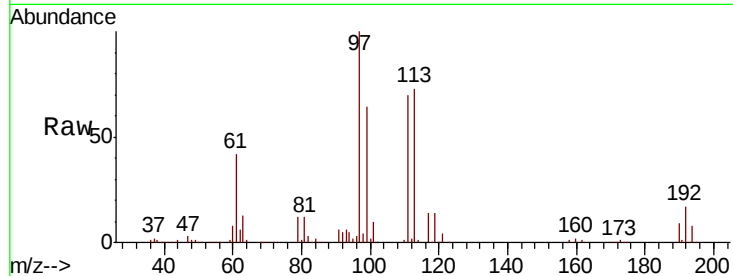




#35
 Dibromofluoromethane
 Concen: 49.59 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX004237.D
 Acq: 23 Aug 2018 19:53

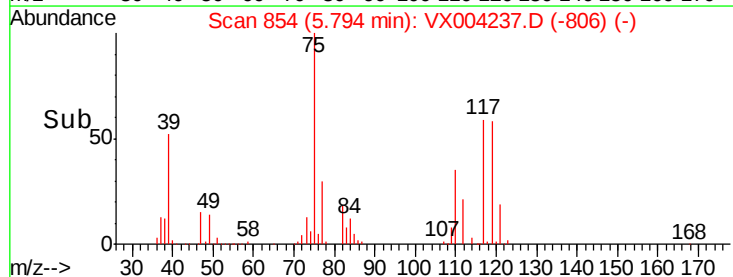
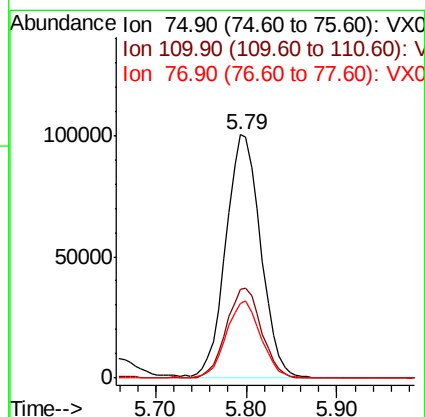
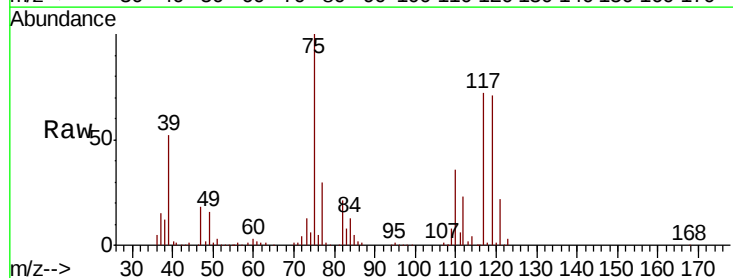
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

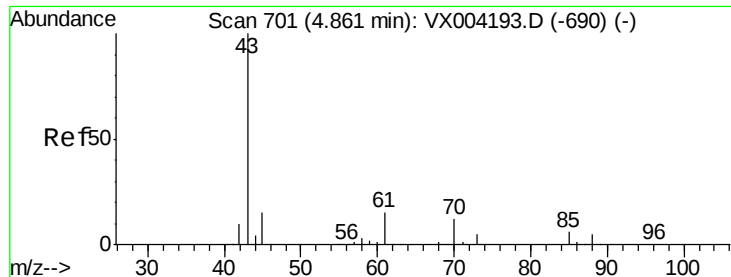
Tot Ion:113 Resp: 188742
 Ion Ratio Lower Upper
 113 100
 111 101.0 82.4 123.6
 192 24.0 19.4 29.2



#36
 1,1-Dichloropropene
 Concen: 46.46 ug/l
 RT: 5.79 min Scan# 854
 Delta R.T. -0.01 min
 Lab File: VX004237.D
 Acq: 23 Aug 2018 19:53

Tgt Ion: 75 Resp: 267198
 Ion Ratio Lower Upper
 75 100
 110 37.5 18.0 54.0
 77 31.6 24.6 36.8

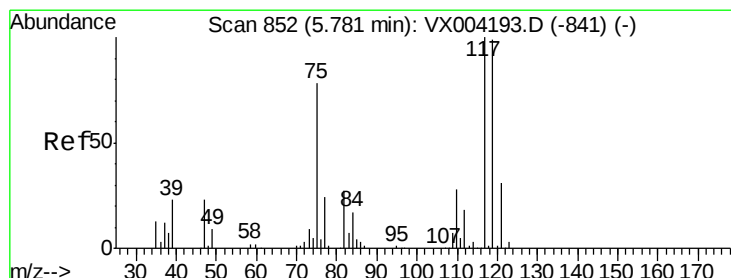
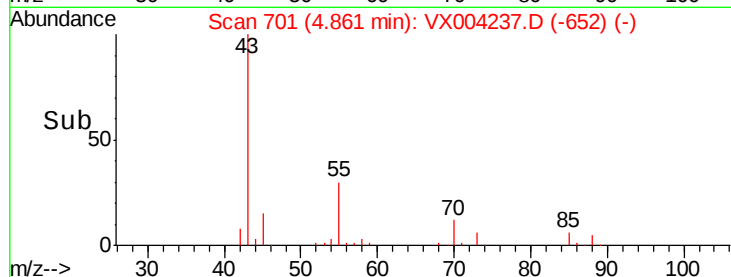
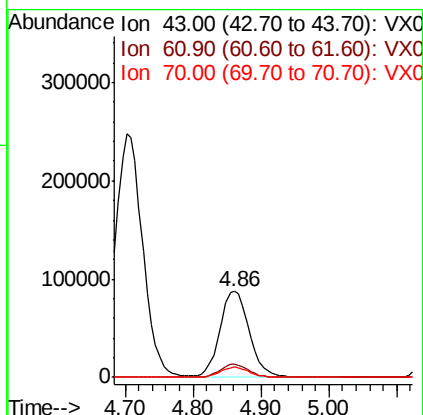
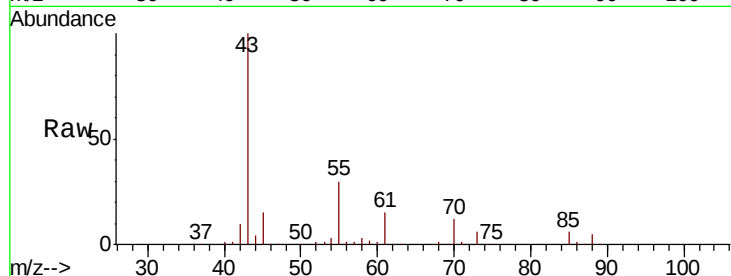




#37
Ethyl Acetate
Concen: 46.22 ug/l
RT: 4.86 min Scan# 701
Delta R.T. -0.00 min
Lab File: VX004237.D
Acq: 23 Aug 2018 19:53

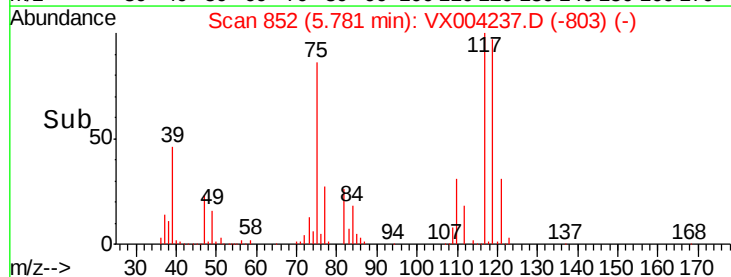
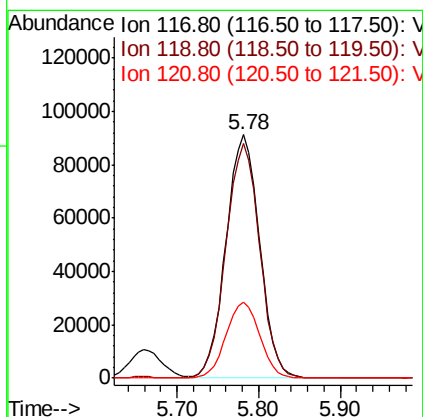
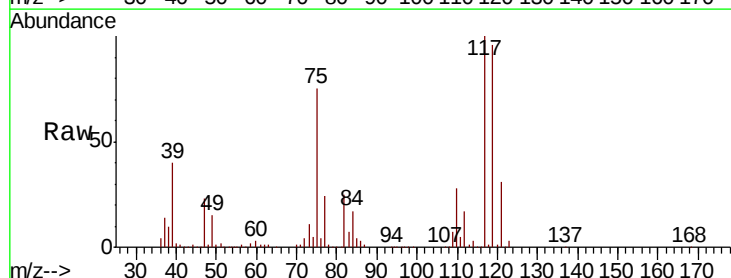
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 261424
Ion Ratio Lower Upper
43 100
61 14.8 11.5 17.3
70 11.3 9.0 13.6



#38
Carbon Tetrachloride
Concen: 48.00 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.00 min
Lab File: VX004237.D
Acq: 23 Aug 2018 19:53

Tgt Ion: 117 Resp: 259695
Ion Ratio Lower Upper
117 100
119 96.3 78.8 118.2
121 31.1 24.9 37.3

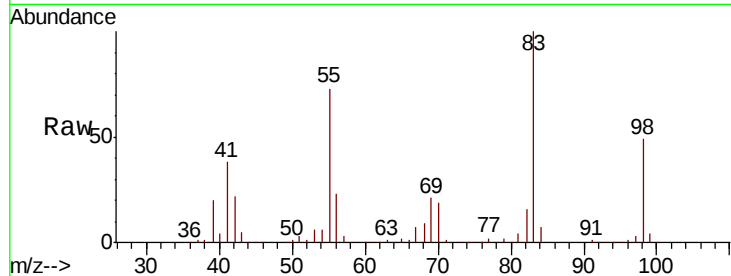




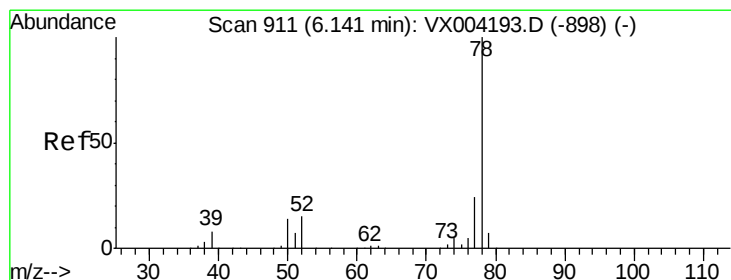
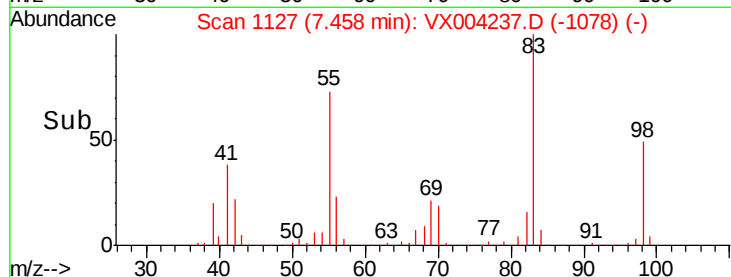
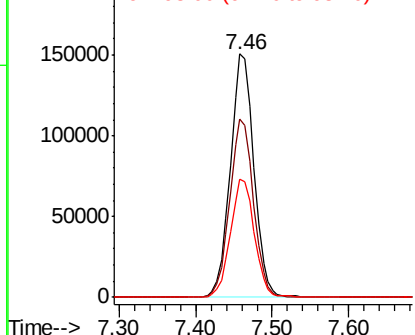
#39
Methvlcvclohexane
Concen: 49.00 ug/l
RT: 7.46 min Scan# 1127
Delta R.T. 0.00 min
Lab File: VX004237.D
Acq: 23 Aug 2018 19:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	321721
Ion	Ratio	Lower	Upper
83	100		
55	73.0	61.0	91.4
98	48.6	39.6	59.4

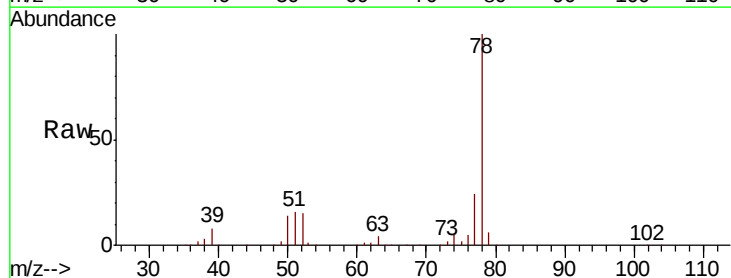


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

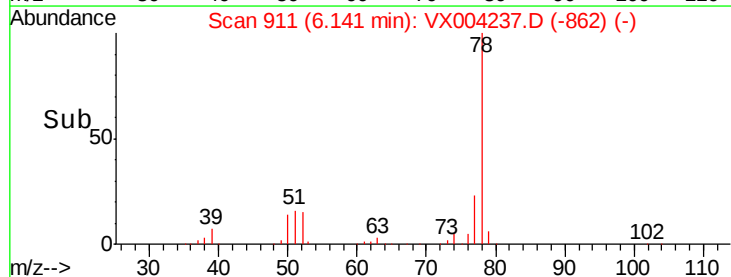
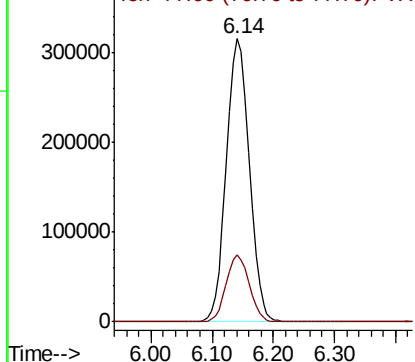


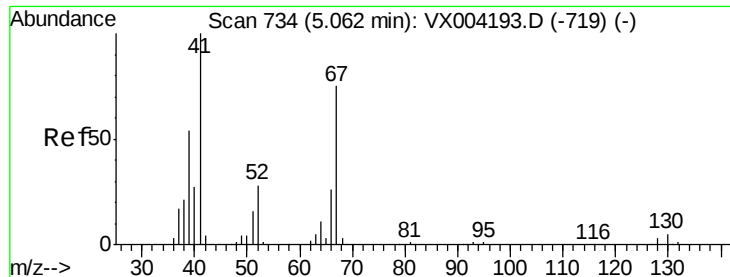
#40
Benzene
Concen: 47.65 ug/l
RT: 6.14 min Scan# 911
Delta R.T. 0.00 min
Lab File: VX004237.D
Acq: 23 Aug 2018 19:53

Tgt Ion	78	Resp	818947
Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.0	28.4



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

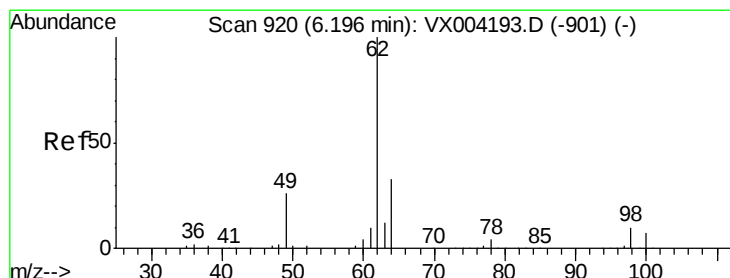
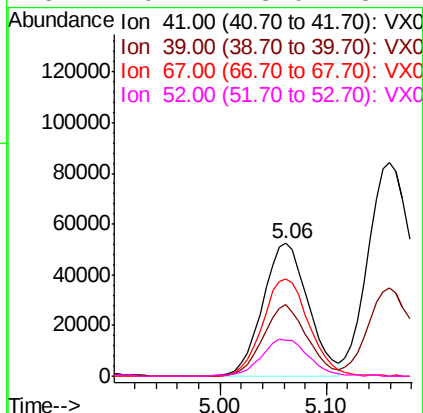
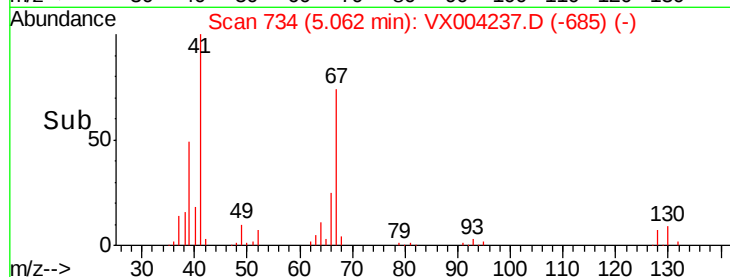
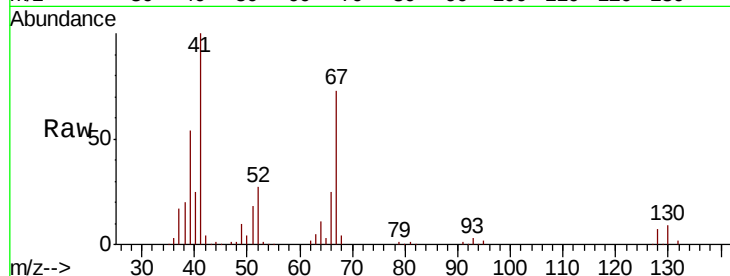




#41
Methacrylonitrile
Concen: 47.26 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.00 min
Lab File: VX004237.D
Acq: 23 Aug 2018 19:53

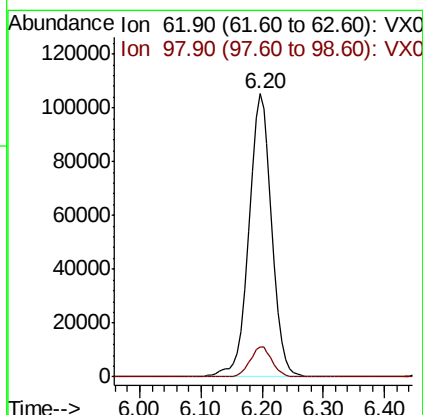
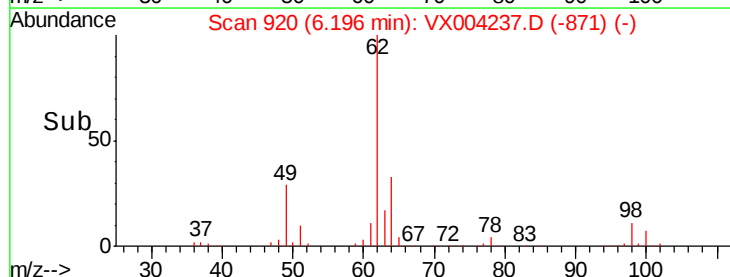
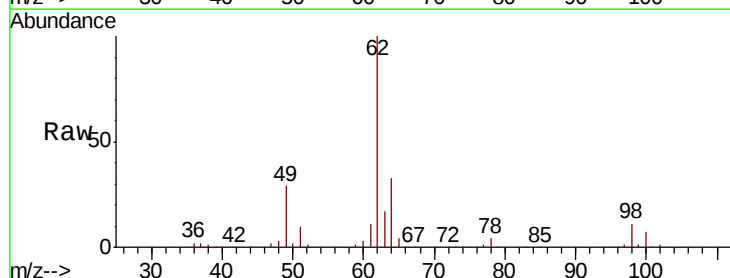
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	154957
Ion	Ratio	Lower	Upper
41	100		
39	52.5	42.4	63.6
67	75.5	59.2	88.8
52	29.1	23.0	34.4



#42
1,2-Dichloroethane
Concen: 46.95 ug/l
RT: 6.20 min Scan# 920
Delta R.T. 0.00 min
Lab File: VX004237.D
Acq: 23 Aug 2018 19:53

Tgt Ion:	62	Resp:	275212
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	20.6



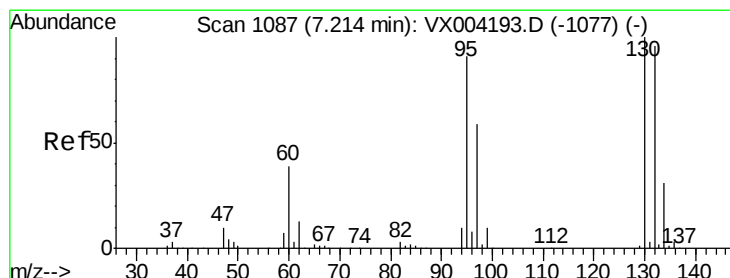
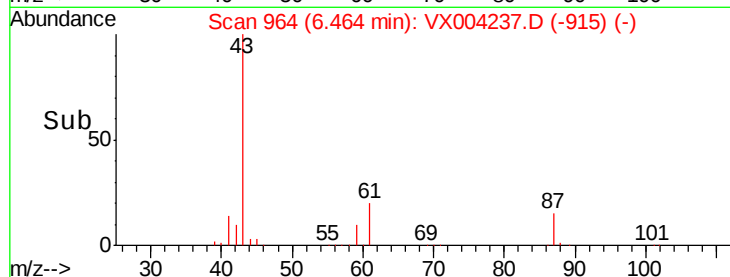
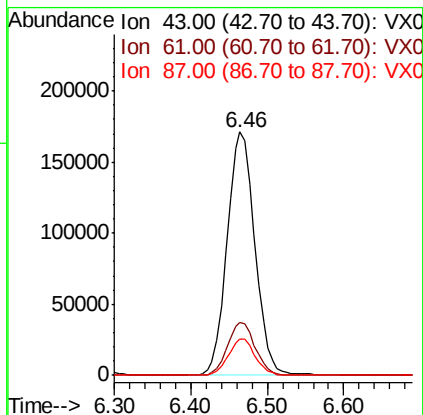
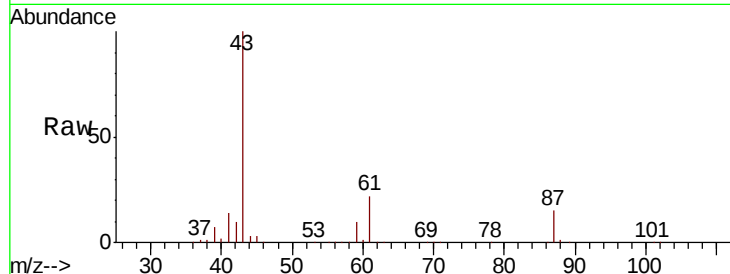


#43

Isopropyl Acetate
 Concen: 49.25 ug/l
 RT: 6.46 min Scan# 964
 Delta R.T. -0.00 min
 Lab File: VX004237.D
 Acq: 23 Aug 2018 19:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

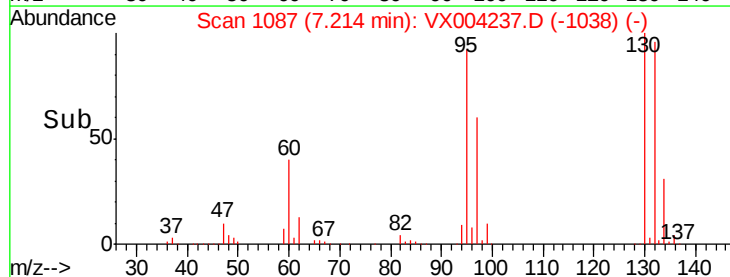
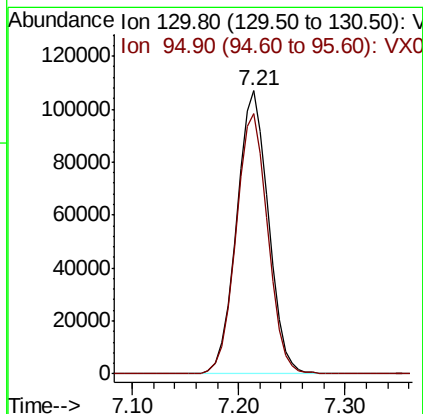
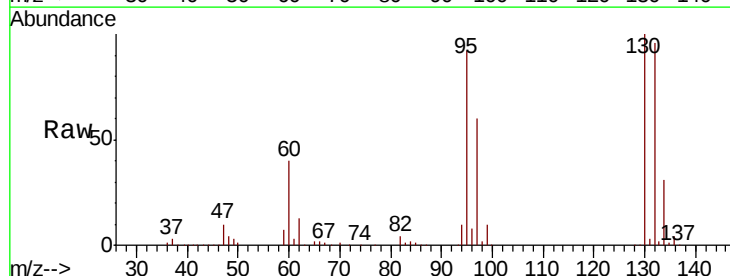
Tot Ion: 43 Resp: 428094
 Ion Ratio Lower Upper
 43 100
 61 21.7 17.0 25.4
 87 14.7 11.4 17.2



#44

Trichloroethene
 Concen: 47.08 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX004237.D
 Acq: 23 Aug 2018 19:53

Tgt Ion: 130 Resp: 223968
 Ion Ratio Lower Upper
 130 100
 95 92.0 0.0 181.6

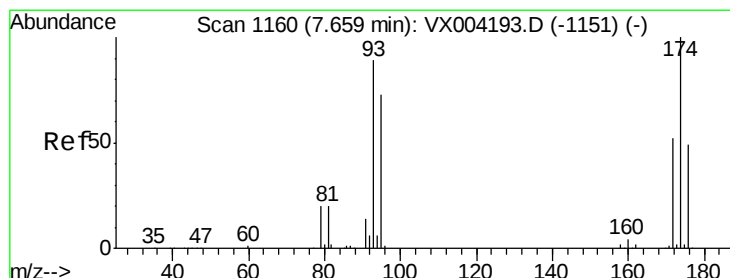
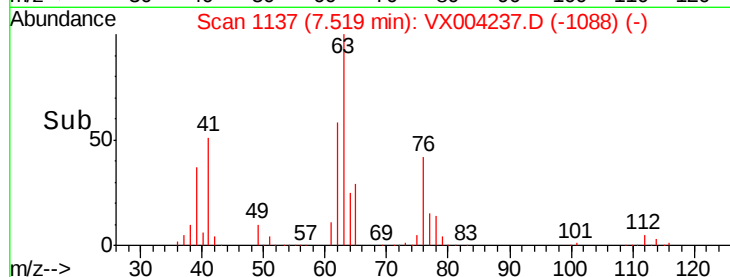
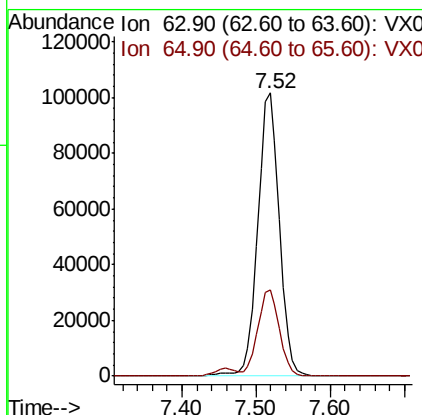
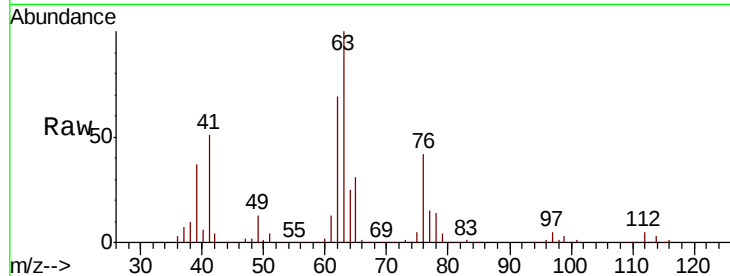




#45
 1,2-Dichloropropane
 Concen: 48.08 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX004237.D
 Acq: 23 Aug 2018 19:53

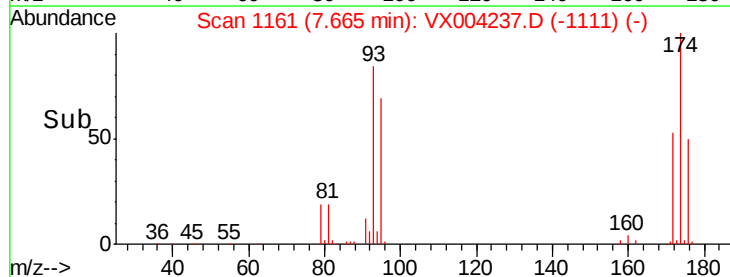
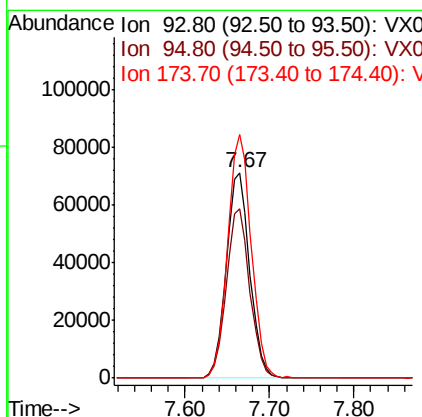
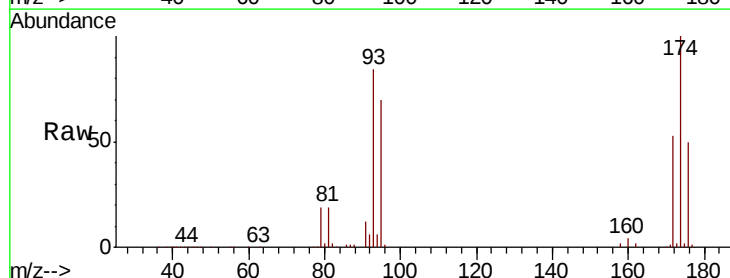
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

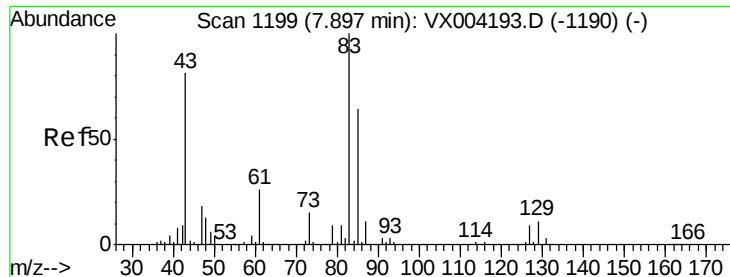
Tot Ion: 63 Resp: 206783
 Ion Ratio Lower Upper
 63 100
 65 30.7 24.3 36.5



#46
 Dibromomethane
 Concen: 47.30 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.01 min
 Lab File: VX004237.D
 Acq: 23 Aug 2018 19:53

Tgt Ion: 93 Resp: 135465
 Ion Ratio Lower Upper
 93 100
 95 82.6 65.5 98.3
 174 119.1 94.2 141.4





#47

Bromodichloromethane

Concen: 48.51 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.01 min

Lab File: VX004237.D

Acq: 23 Aug 2018 19:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

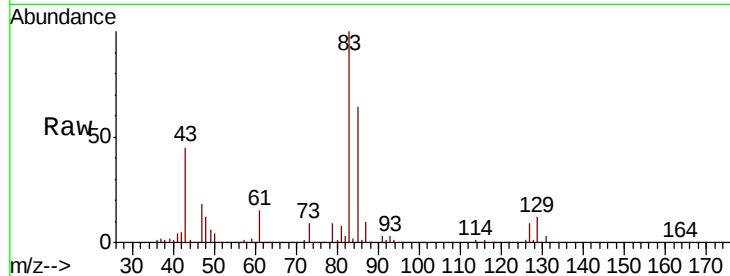
Tot Ion: 83 Resp: 258483

Ion Ratio Lower Upper

83 100

85 64.1 50.9 76.3

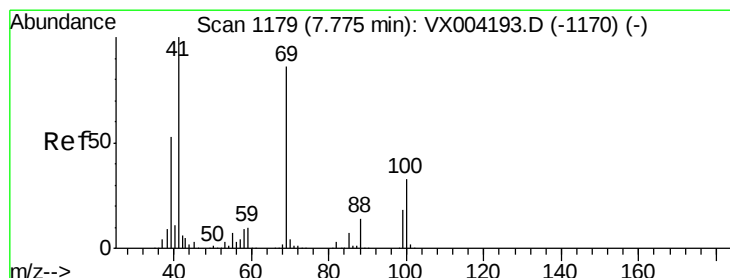
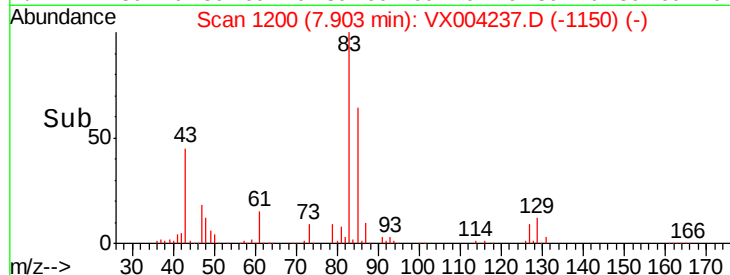
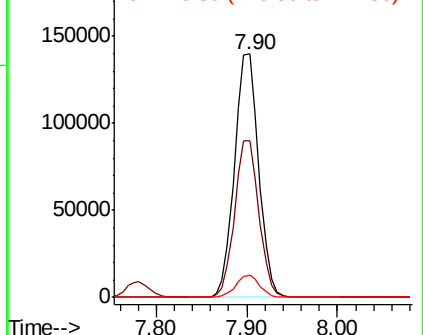
127 9.1 7.3 10.9



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: 48.73 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.01 min

Lab File: VX004237.D

Acq: 23 Aug 2018 19:53

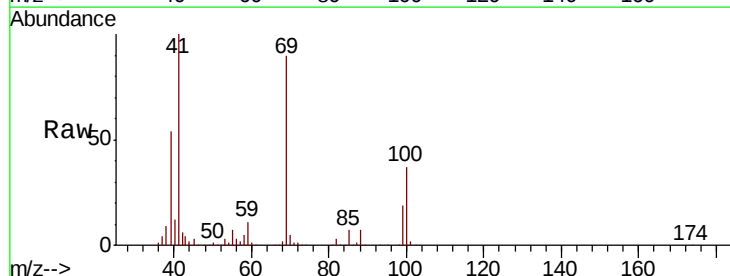
Tgt Ion: 41 Resp: 226644

Ion Ratio Lower Upper

41 100

69 90.0 70.2 105.4

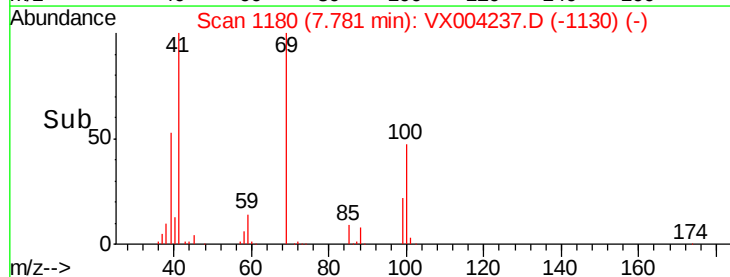
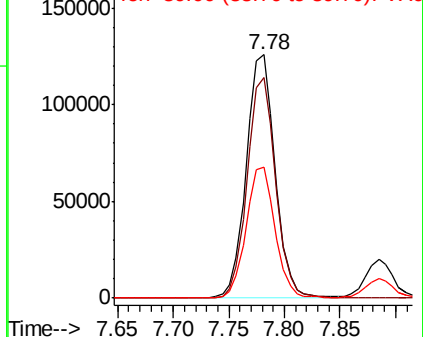
39 54.1 42.7 64.1

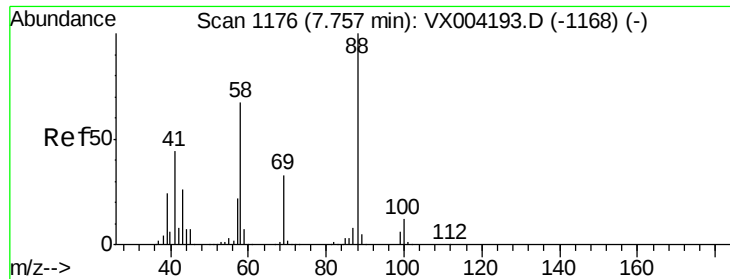


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 844.20 ug/l

RT: 7.76 min Scan# 1176

Delta R.T. -0.00 min

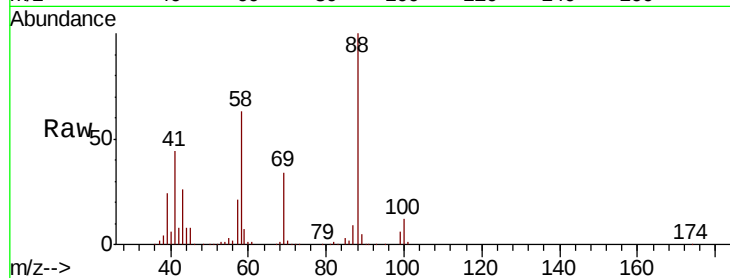
Lab File: VX004237.D

Acq: 23 Aug 2018 19:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 88 Resp: 89139

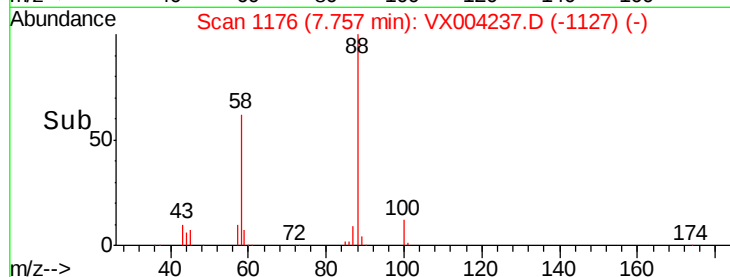
Ion	Ratio	Lower	Upper
88	100		
43	30.1	24.7	37.1
58	67.7	55.3	82.9



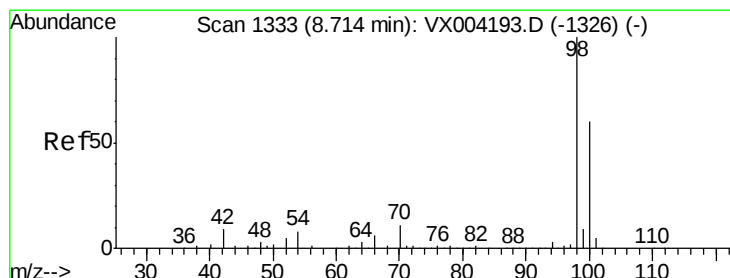
Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#50

Toluene-d8

Concen: 49.40 ug/l

RT: 8.71 min Scan# 1333

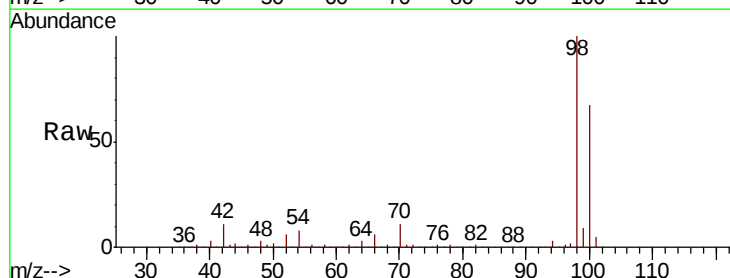
Delta R.T. -0.00 min

Lab File: VX004237.D

Acq: 23 Aug 2018 19:53

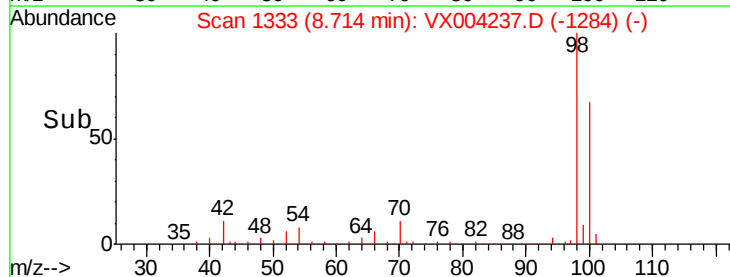
Tgt Ion: 98 Resp: 709695

Ion	Ratio	Lower	Upper
98	100		
100	67.2	52.9	79.3

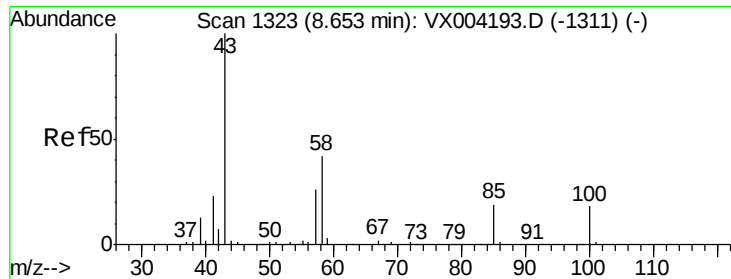


Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



Time-->



#51

4-Methyl-2-Pentanone

Concen: 225.28 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX004237.D

Acq: 23 Aug 2018 19:53

Instrument :

MSVOA_X

ClientSampleId :

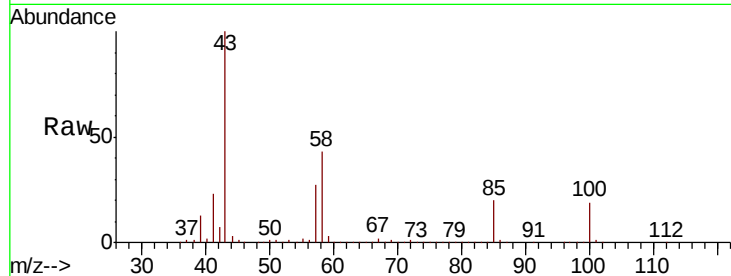
VSTDCCC050EC

Tot Ion: 43 Resp: 1422657

Ion Ratio Lower Upper

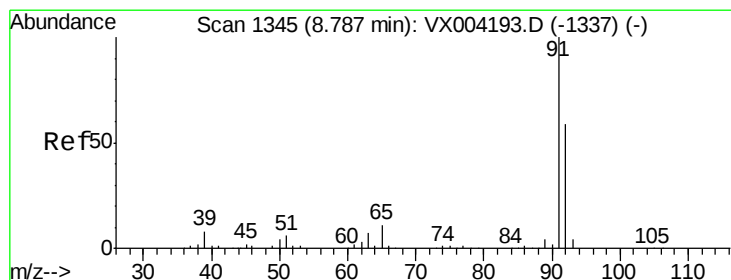
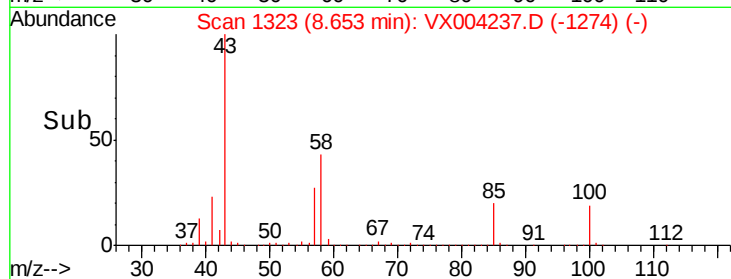
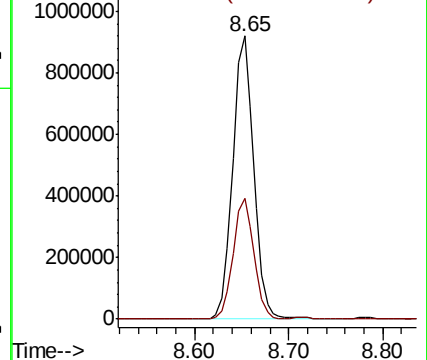
43 100

58 42.1 33.1 49.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 48.86 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX004237.D

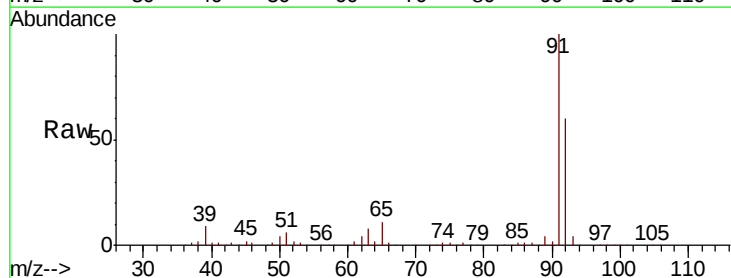
Acq: 23 Aug 2018 19:53

Tgt Ion: 92 Resp: 525604

Ion Ratio Lower Upper

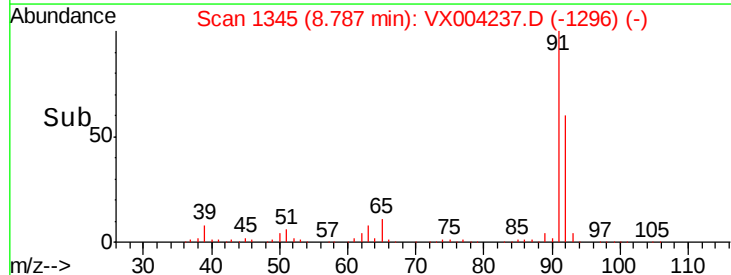
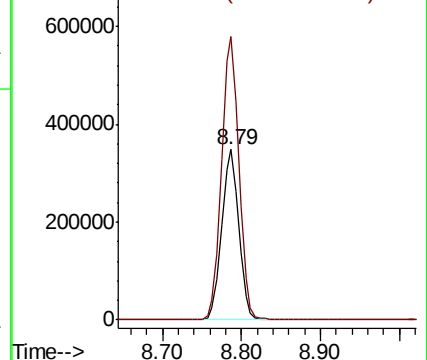
92 100

91 168.8 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 49.01 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VX004237.D

Acq: 23 Aug 2018 19:53

Instrument :

MSVOA_X

ClientSampleId :

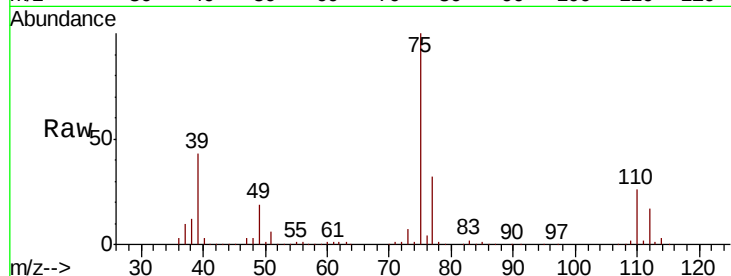
VSTDCCC050EC

Tot Ion: 75 Resp: 288442

Ion Ratio Lower Upper

75 100

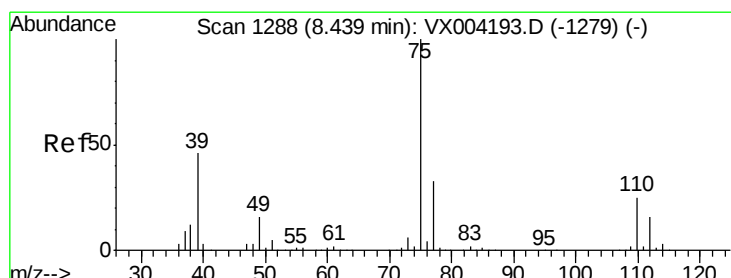
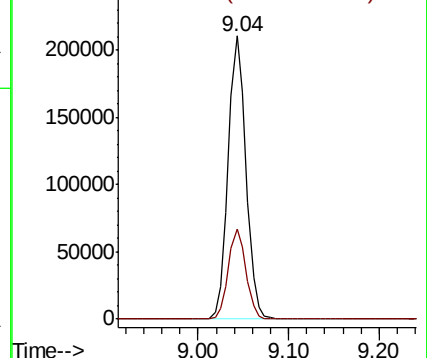
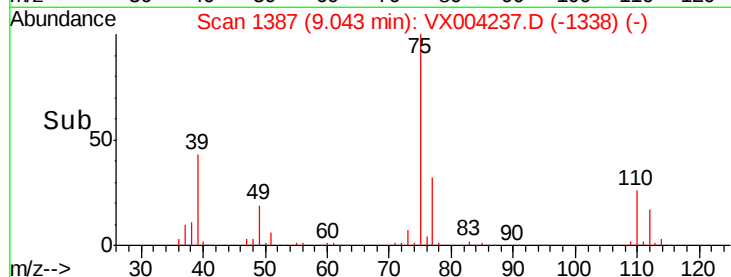
77 31.7 24.6 37.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04



#54

cis-1,3-Dichloropropene

Concen: 49.28 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX004237.D

Acq: 23 Aug 2018 19:53

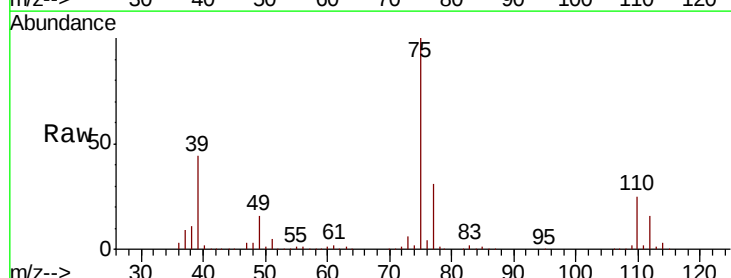
Tgt Ion: 75 Resp: 315939

Ion Ratio Lower Upper

75 100

77 31.4 26.2 39.2

39 43.6 36.4 54.6

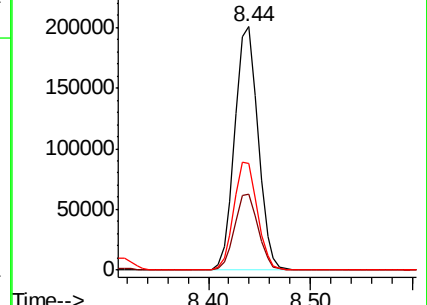
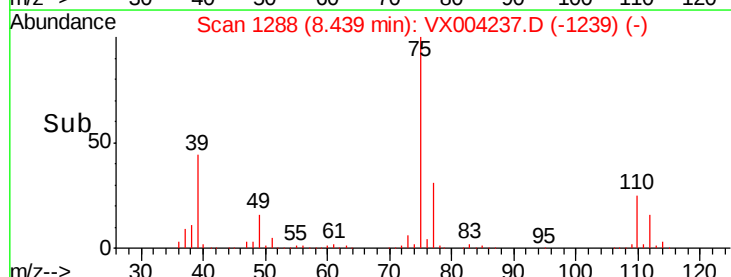


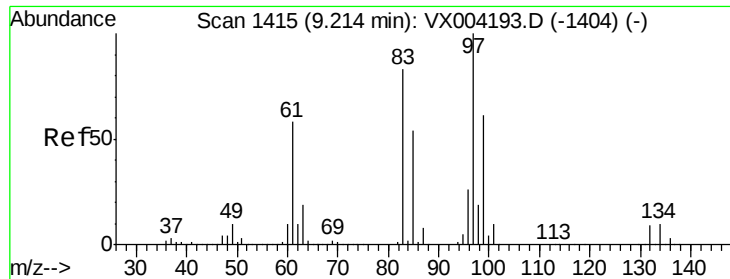
Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.44

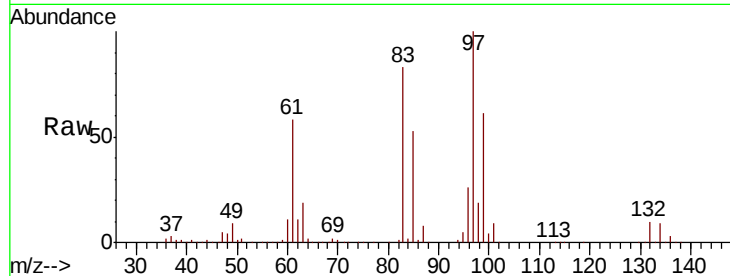




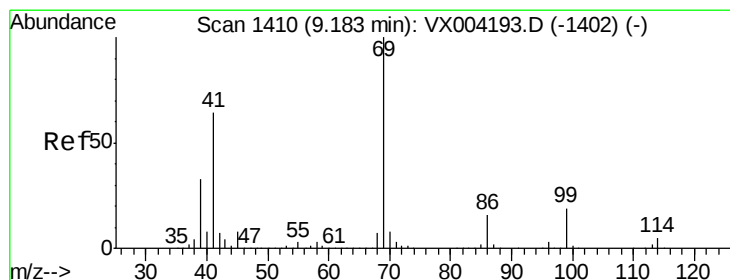
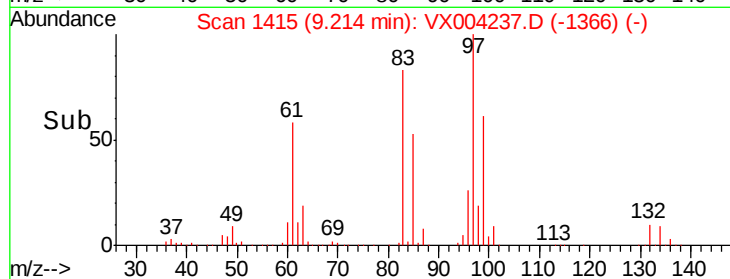
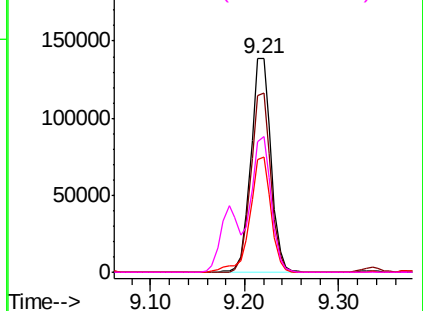
#55
 1,1,2-Trichloroethane
 Concen: 48.06 ug/l
 RT: 9.21 min Scan# 1415
 Delta R.T. 0.00 min
 Lab File: VX004237.D
 Acq: 23 Aug 2018 19:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	208682
Ion	Ratio	Lower	Upper
97	100		
83	82.8	66.4	99.6
85	52.8	43.3	64.9
99	61.4	49.0	73.4

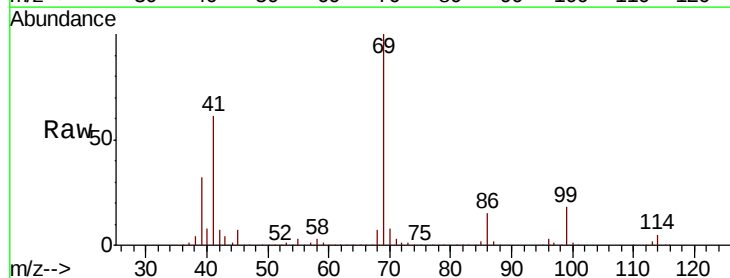


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

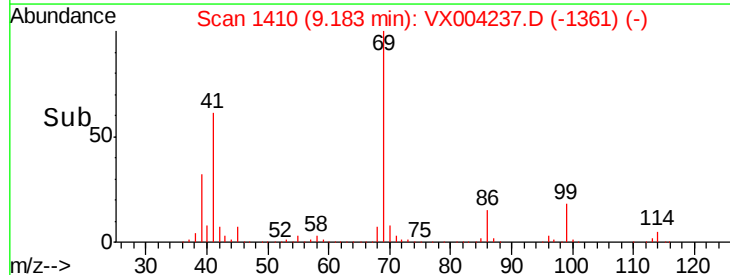
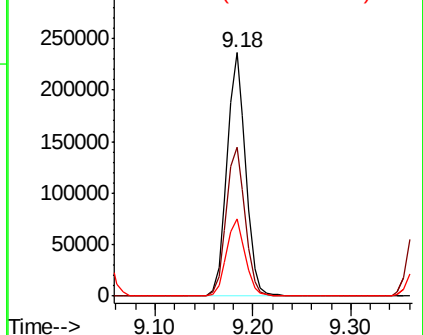


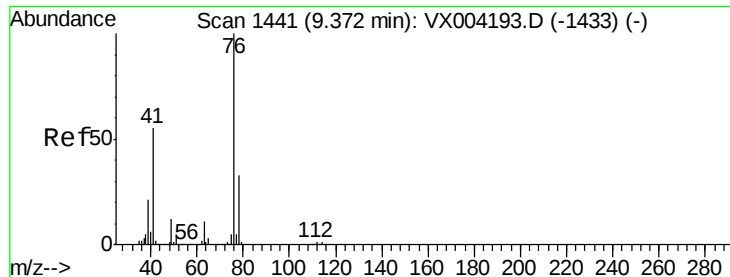
#56
 Ethyl methacrylate
 Concen: 52.82 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX004237.D
 Acq: 23 Aug 2018 19:53

Tgt Ion:	69	Resp:	312241
Ion	Ratio	Lower	Upper
69	100		
41	62.1	51.0	76.4
39	31.9	26.1	39.1



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





#57

1,3-Dichloropropane

Concen: 47.97 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. -0.00 min

Lab File: VX004237.D

Acq: 23 Aug 2018 19:53

Instrument :

MSVOA_X

ClientSampleId :

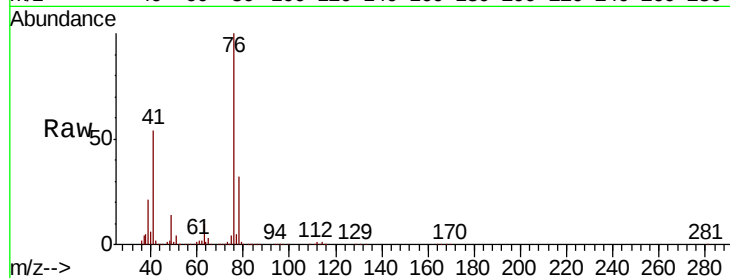
VSTDCCC050EC

Tot Ion: 76 Resp: 351104

Ion Ratio Lower Upper

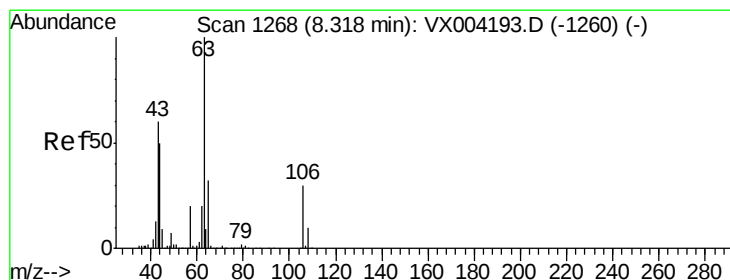
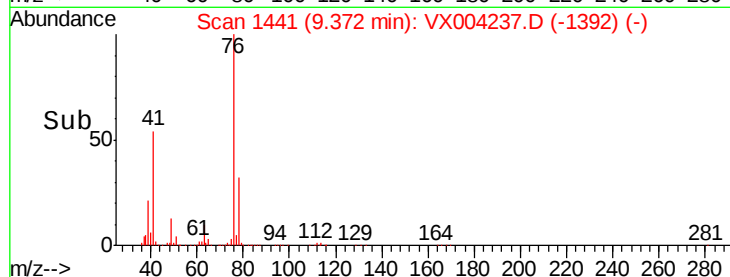
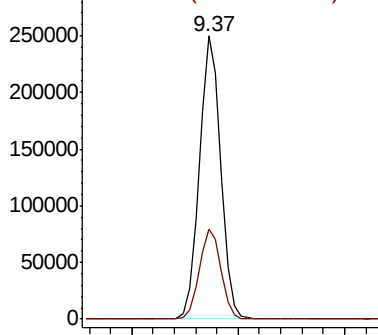
76 100

78 32.1 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 261.54 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VX004237.D

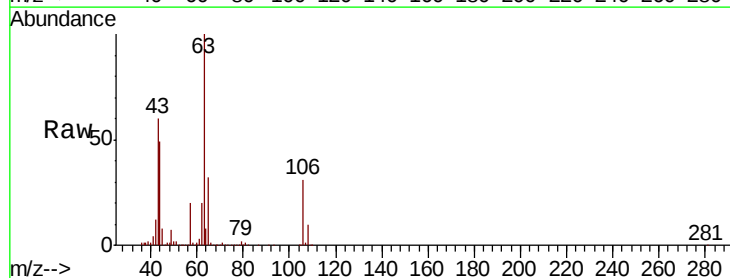
Acq: 23 Aug 2018 19:53

Tgt Ion: 63 Resp: 792197

Ion Ratio Lower Upper

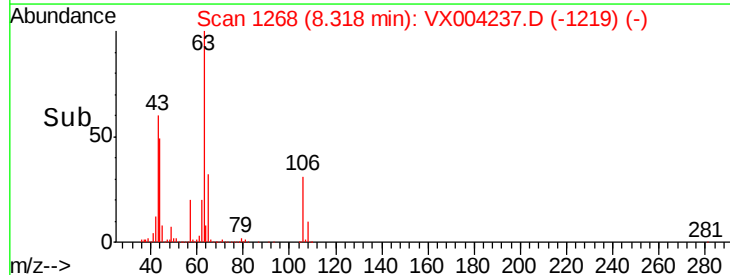
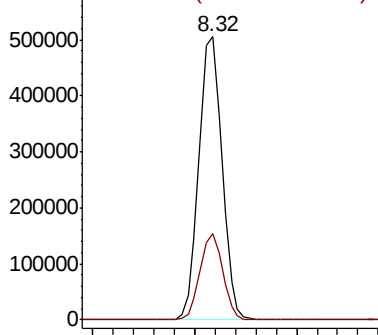
63 100

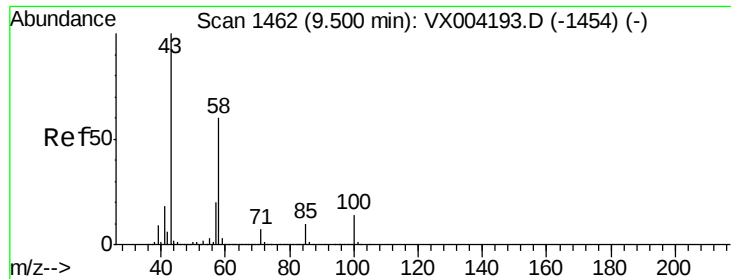
106 30.0 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

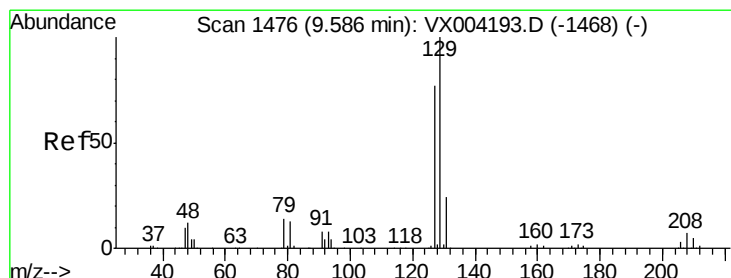
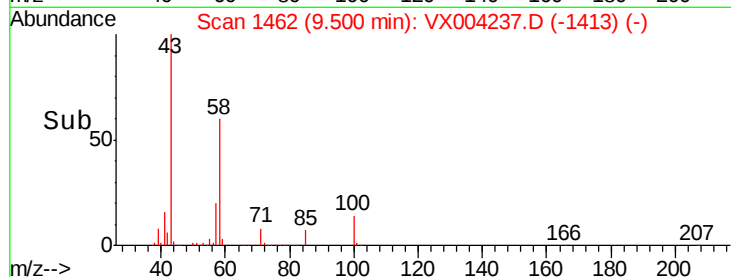
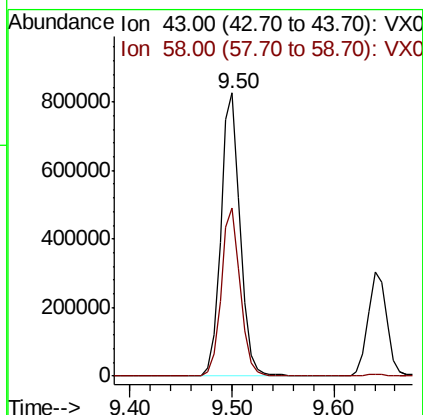
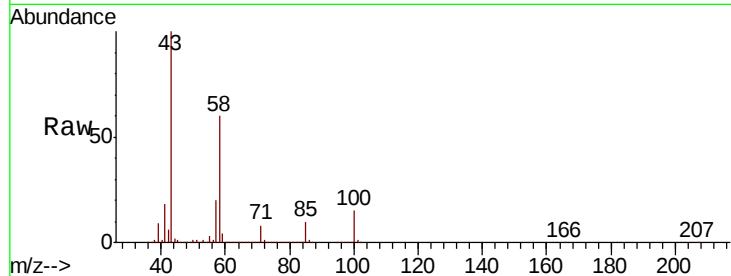




#59
2-Hexanone
Concen: 224.62 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX004237.D
Acq: 23 Aug 2018 19:53

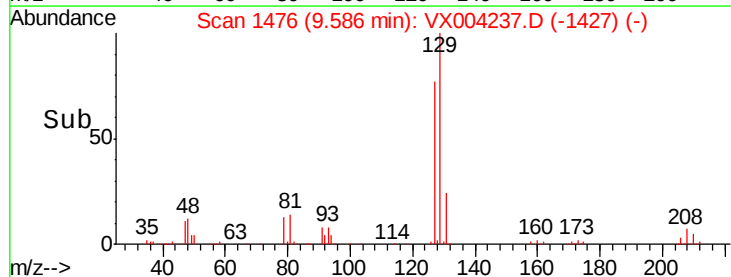
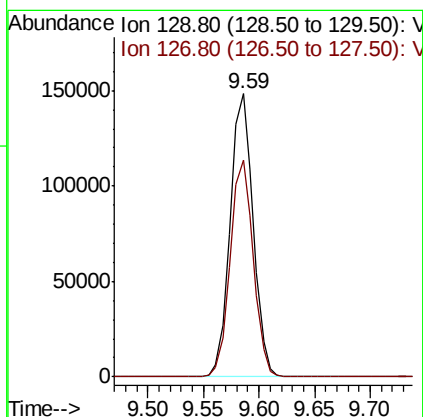
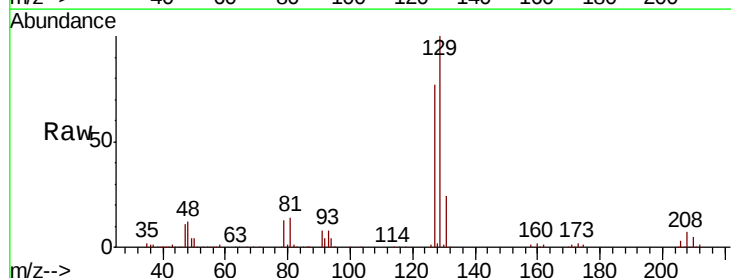
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

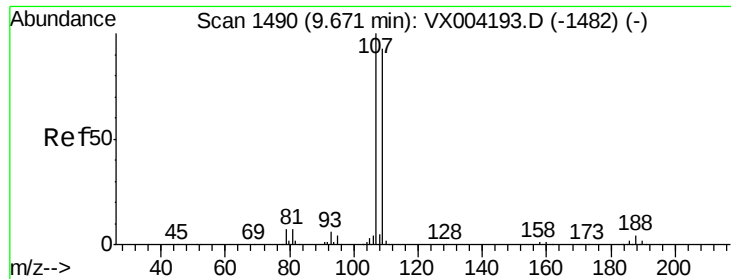
Tot Ion: 43 Resp: 1082166
Ion Ratio Lower Upper
43 100
58 58.9 29.0 87.0



#60
Dibromochloromethane
Concen: 49.97 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX004237.D
Acq: 23 Aug 2018 19:53

Tgt Ion: 129 Resp: 211416
Ion Ratio Lower Upper
129 100
127 76.8 38.5 115.5

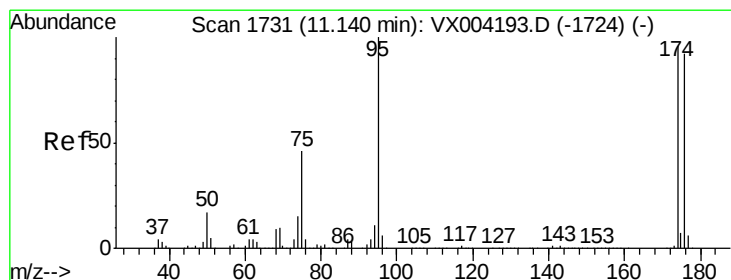
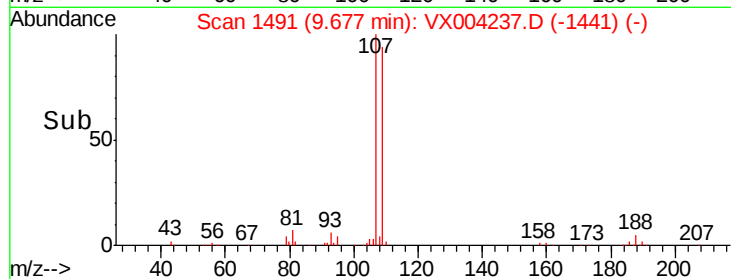
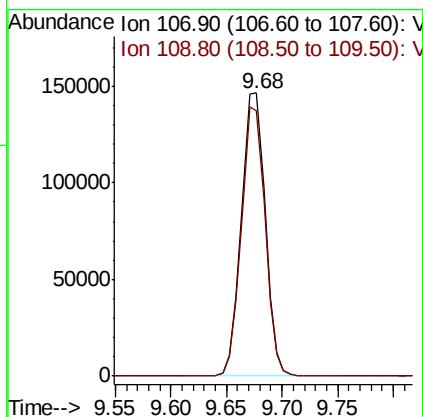
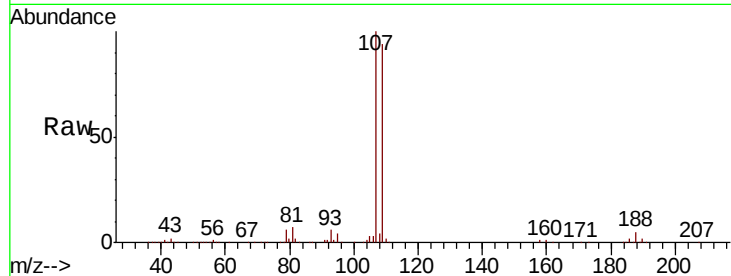




#61
 1,2-Dibromoethane
 Concen: 48.87 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. 0.01 min
 Lab File: VX004237.D
 Acq: 23 Aug 2018 19:53

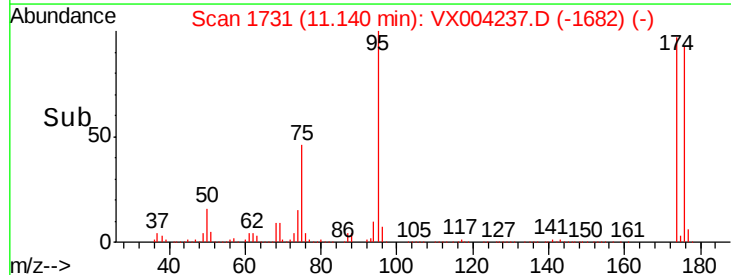
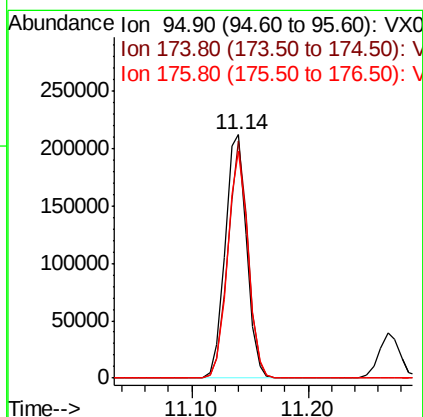
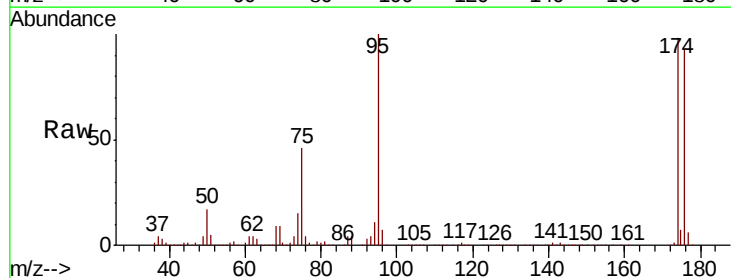
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:107 Resp: 219605
 Ion Ratio Lower Upper
 107 100
 109 94.3 76.0 114.0



#62
 4-Bromofluorobenzene
 Concen: 50.43 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: VX004237.D
 Acq: 23 Aug 2018 19:53

Tgt Ion: 95 Resp: 270320
 Ion Ratio Lower Upper
 95 100
 174 91.4 0.0 185.2
 176 89.5 0.0 178.6

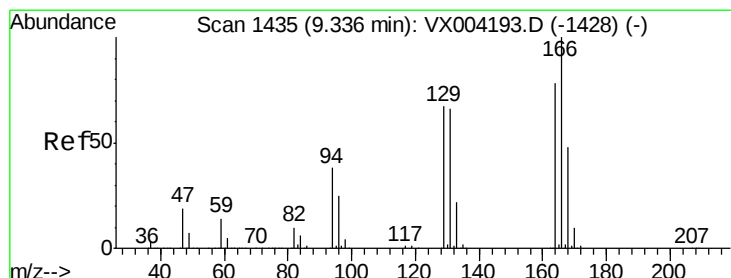
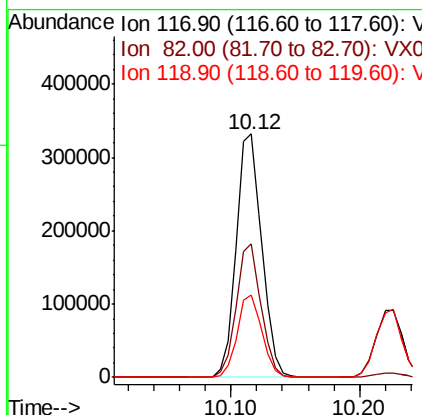
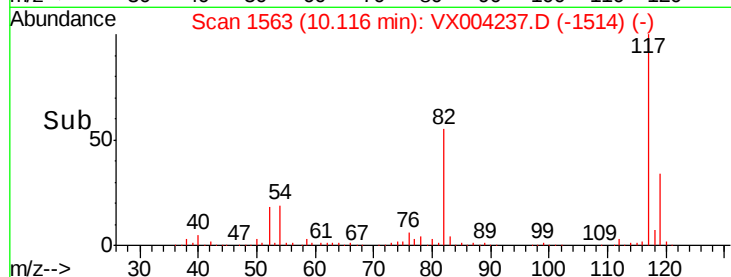
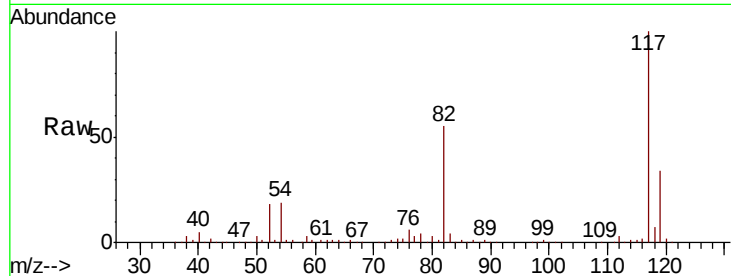




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004237.D
Acq: 23 Aug 2018 19:53

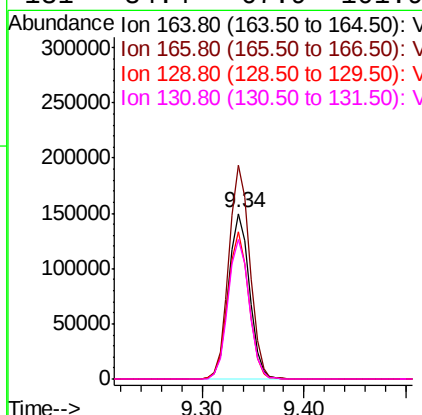
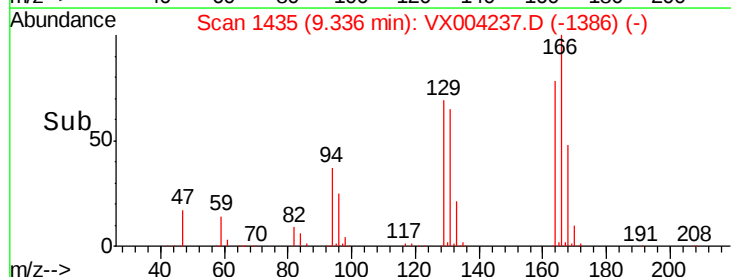
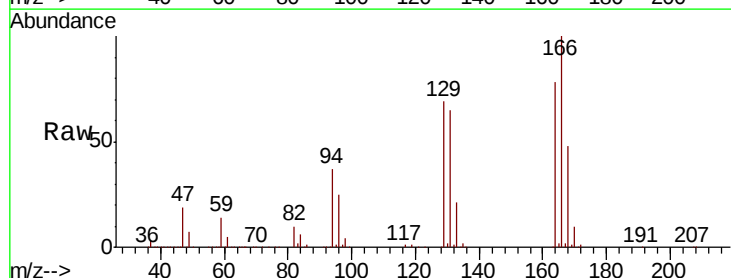
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 457132
Ion Ratio Lower Upper
117 100
82 55.0 47.8 71.6
119 33.6 29.3 43.9



#64
Tetrachloroethene
Concen: 47.01 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX004237.D
Acq: 23 Aug 2018 19:53

Tgt Ion:164 Resp: 212299
Ion Ratio Lower Upper
164 100
166 128.9 102.8 154.2
129 88.9 69.4 104.0
131 84.4 67.9 101.9





#65

Chlorobenzene

Concen: 48.59 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VX004237.D

Acq: 23 Aug 2018 19:53

Instrument :

MSVOA_X

ClientSampleId :

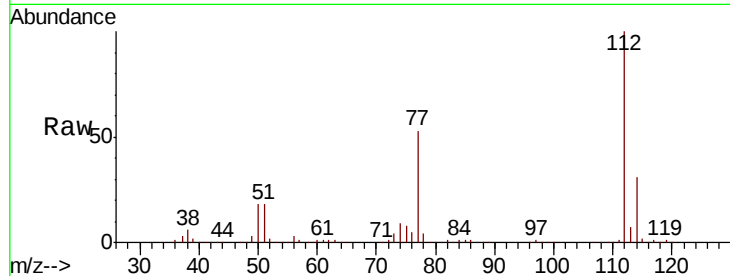
VSTDCCC050EC

Tot Ion:112 Resp: 557434

Ion Ratio Lower Upper

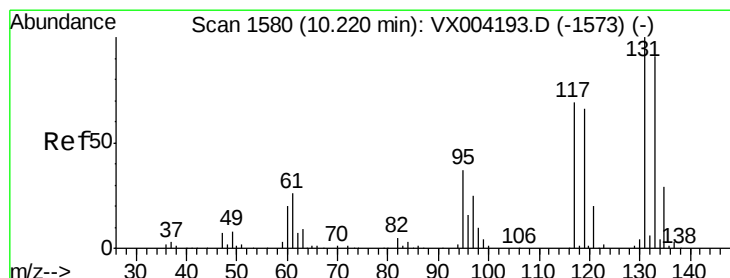
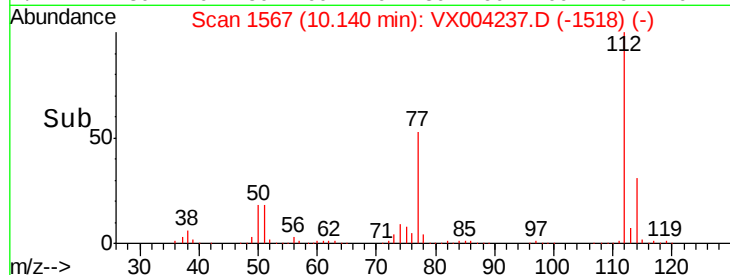
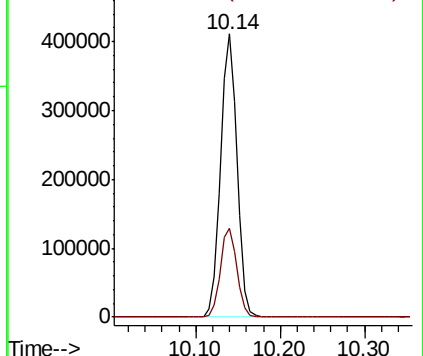
112 100

114 31.2 27.8 41.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 48.25 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.01 min

Lab File: VX004237.D

Acq: 23 Aug 2018 19:53

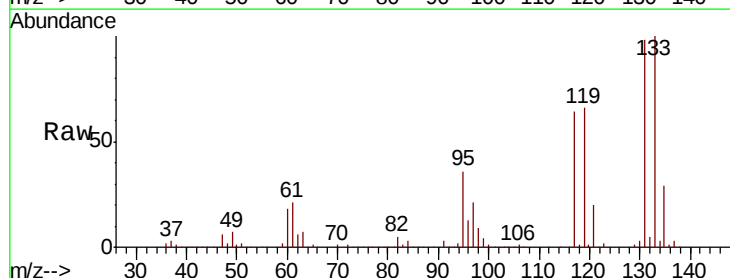
Tgt Ion:131 Resp: 190924

Ion Ratio Lower Upper

131 100

133 100.8 48.1 144.4

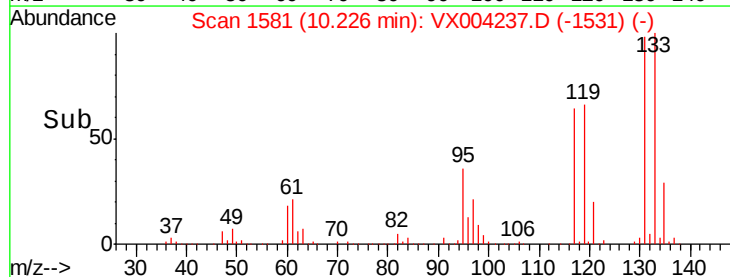
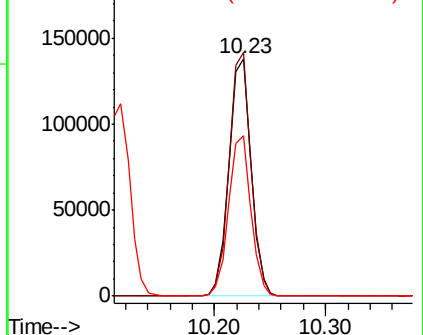
119 67.9 32.9 98.6

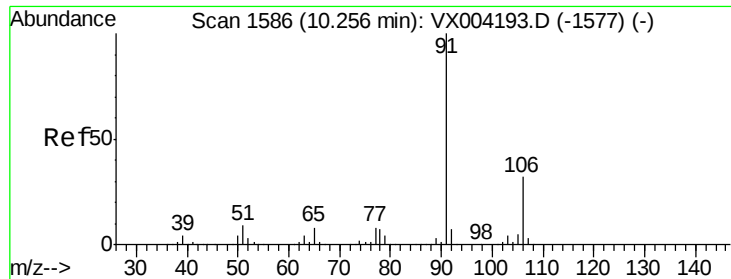


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 51.98 ug/l

RT: 10.25 min Scan# 1585

Delta R.T. -0.01 min

Lab File: VX004237.D

Acq: 23 Aug 2018 19:53

Instrument :

MSVOA_X

ClientSampleId :

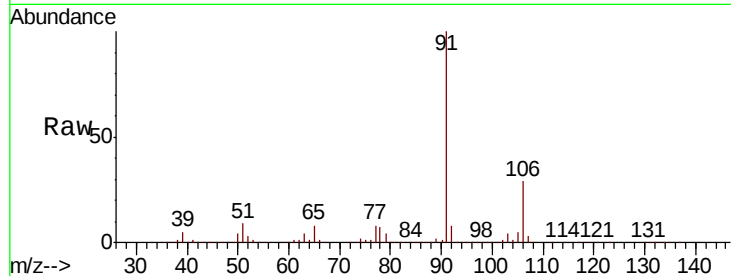
VSTDCCC050EC

Tot Ion: 91 Resp: 968594

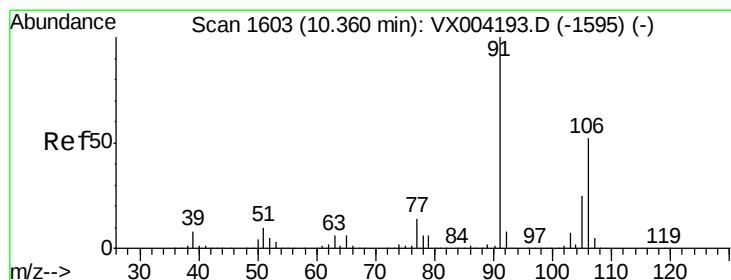
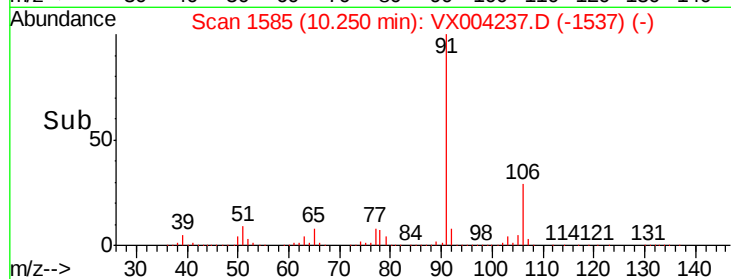
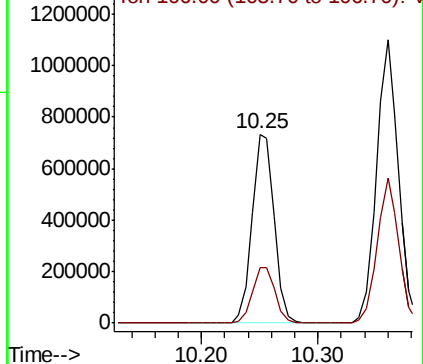
Ion Ratio Lower Upper

91 100

106 29.3 25.9 38.9



Abundance Ion 91.00 (90.70 to 91.70): VX004193.D (-1577) (-)



#68

m/p-Xylenes

Concen: 99.23 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. 0.00 min

Lab File: VX004237.D

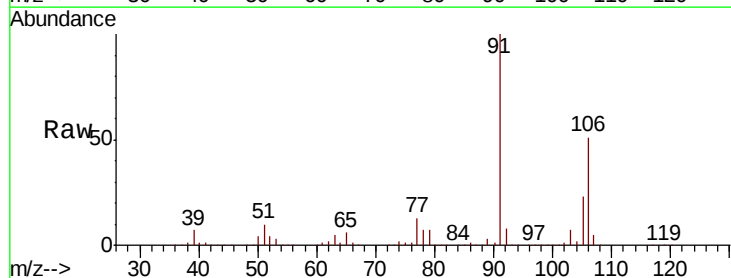
Acq: 23 Aug 2018 19:53

Tgt Ion: 106 Resp: 722965

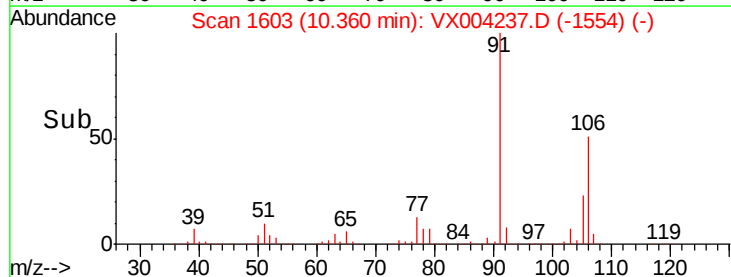
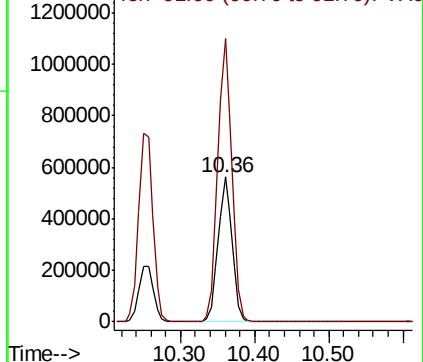
Ion Ratio Lower Upper

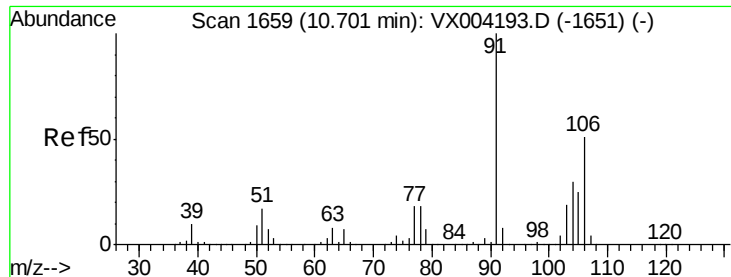
106 100

91 197.2 157.1 235.7



Abundance Ion 106.00 (105.70 to 106.70): VX004193.D (-1595) (-)

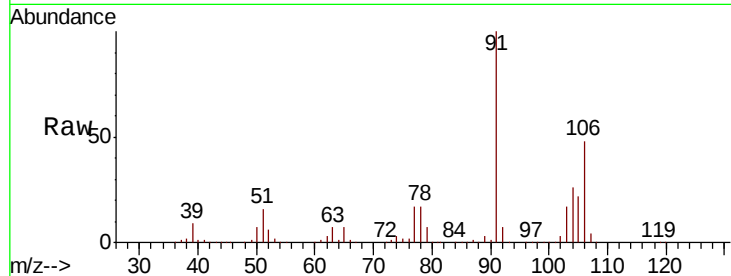




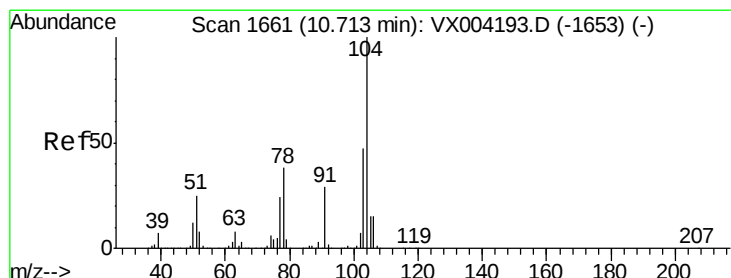
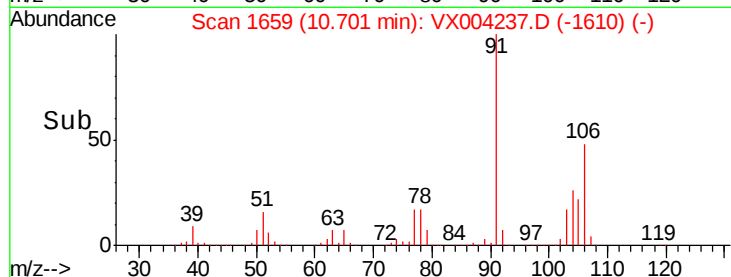
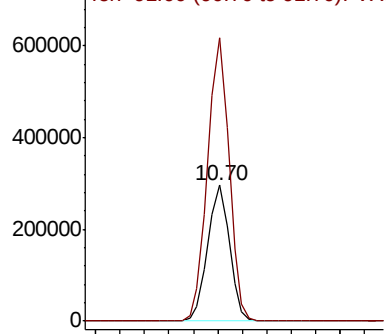
#69
o-Xylene
Concen: 52.79 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX004237.D
Acq: 23 Aug 2018 19:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 363813
Ion Ratio Lower Upper
106 100
91 206.5 105.1 315.1

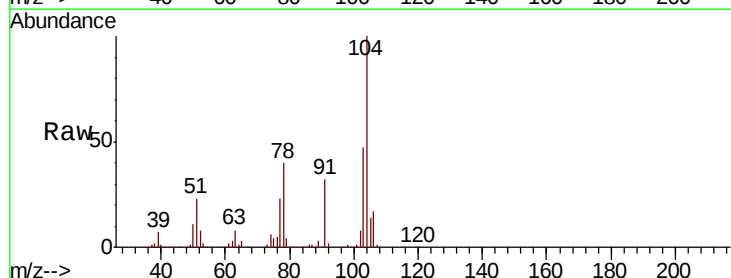


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

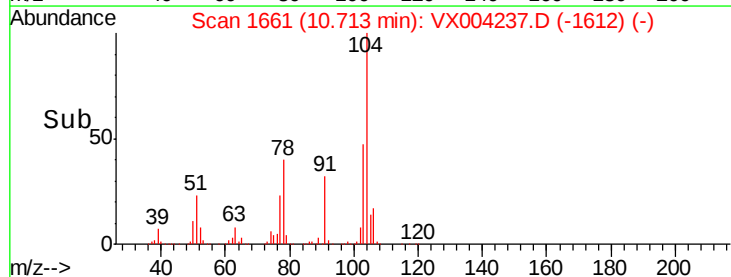
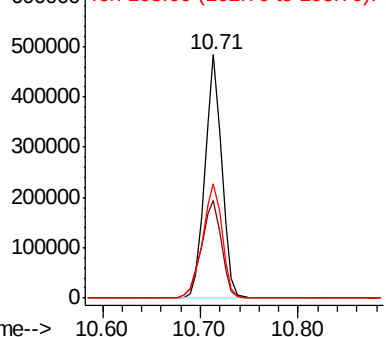


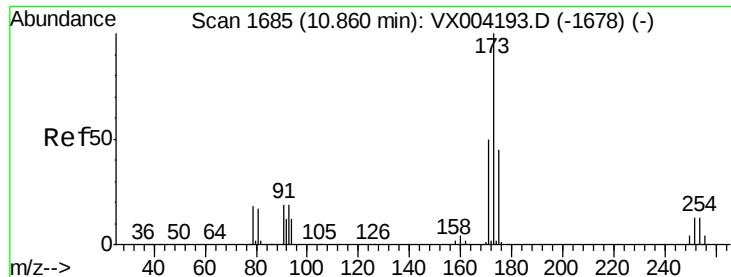
#70
Styrene
Concen: 51.97 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX004237.D
Acq: 23 Aug 2018 19:53

Tgt Ion:104 Resp: 579899
Ion Ratio Lower Upper
104 100
78 47.4 37.4 56.0
103 54.3 43.8 65.6



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: 50.80 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.00 min

Lab File: VX004237.D

Acq: 23 Aug 2018 19:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

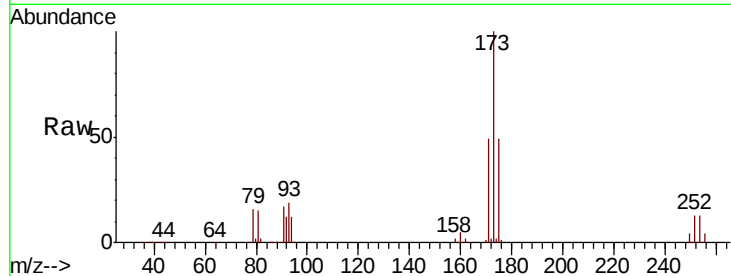
Tot Ion:173 Resp: 162030

Ion Ratio Lower Upper

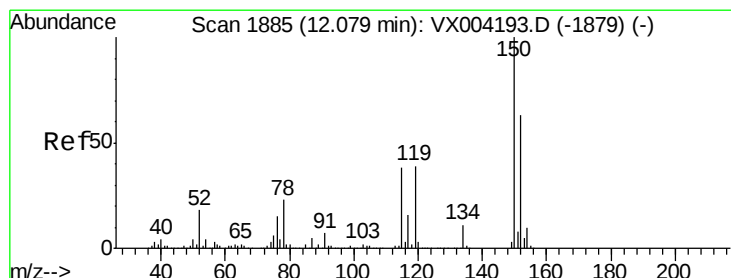
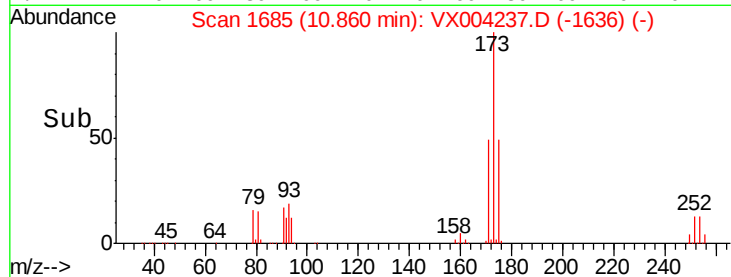
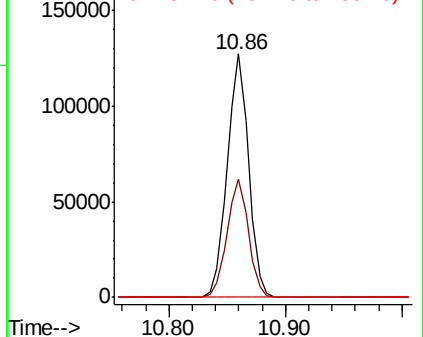
173 100

175 48.7 24.1 72.3

254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX004237.D

Acq: 23 Aug 2018 19:53

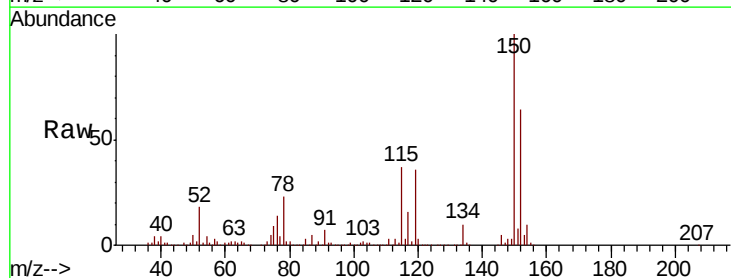
Tgt Ion:152 Resp: 283337

Ion Ratio Lower Upper

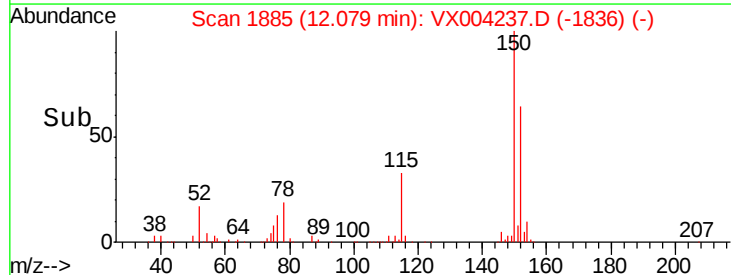
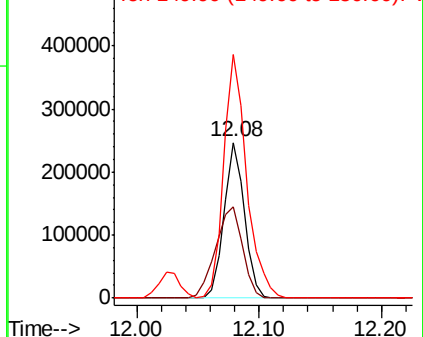
152 100

115 78.1 39.0 117.0

150 176.9 0.0 351.0



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





#73

Isopropylbenzene

Concen: 54.38 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. 0.00 min

Lab File: VX004237.D

Acq: 23 Aug 2018 19:53

Instrument :

MSVOA_X

ClientSampleId :

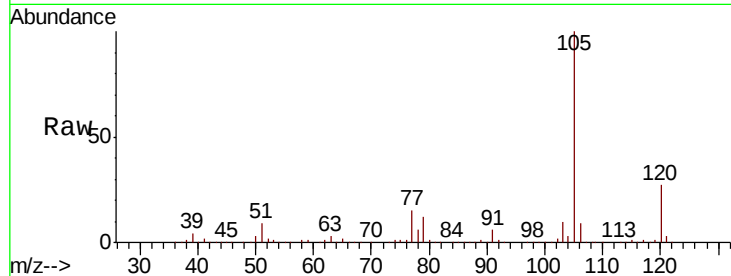
VSTDCCC050EC

Tot Ion:105 Resp: 1011905

Ion Ratio Lower Upper

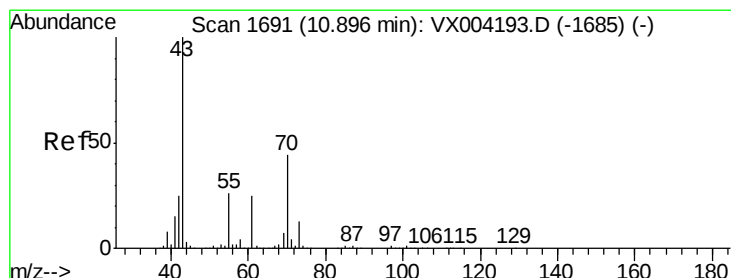
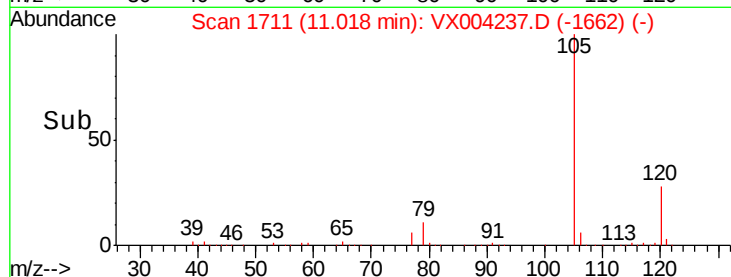
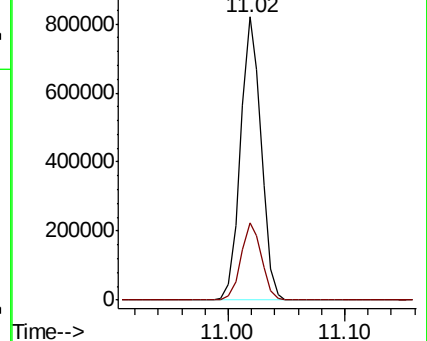
105 100

120 27.2 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 53.73 ug/l

RT: 10.90 min Scan# 1692

Delta R.T. 0.01 min

Lab File: VX004237.D

Acq: 23 Aug 2018 19:53

Tgt Ion: 43 Resp: 384947

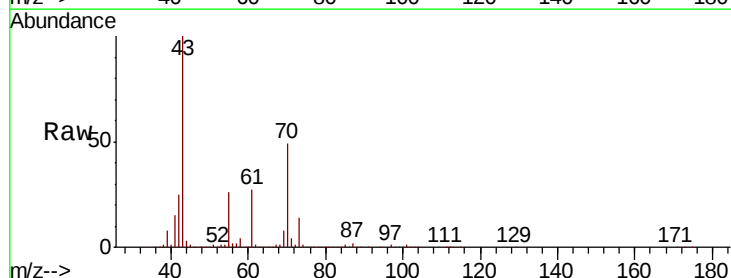
Ion Ratio Lower Upper

43 100

70 48.0 37.4 56.0

55 25.9 21.8 32.8

61 26.5 20.6 30.8

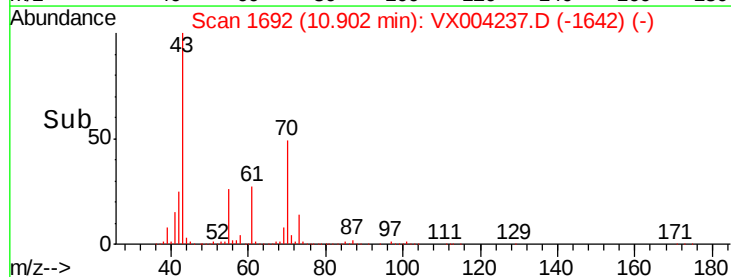
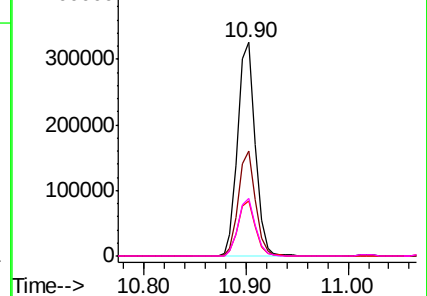


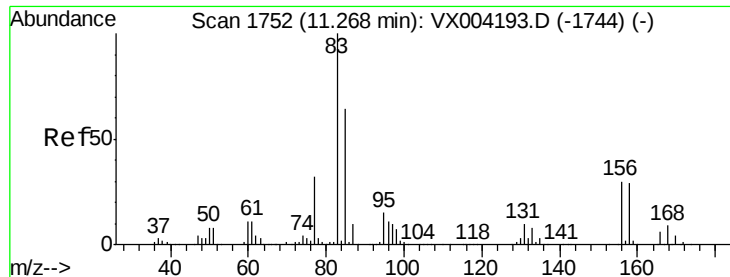
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

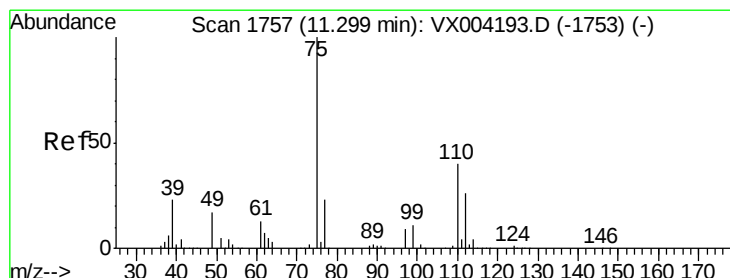
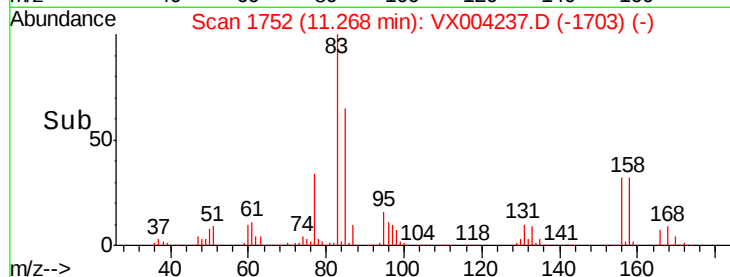
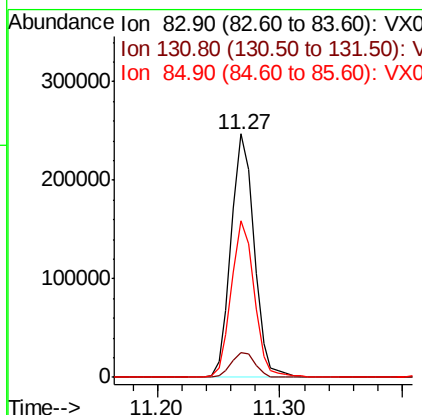
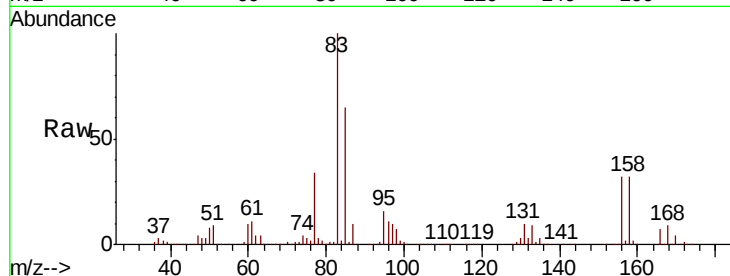




#75
 1,1,2,2-Tetrachloroethane
 Concen: 49.47 ug/l
 RT: 11.27 min Scan# 1752
 Delta R.T. -0.00 min
 Lab File: VX004237.D
 Acq: 23 Aug 2018 19:53

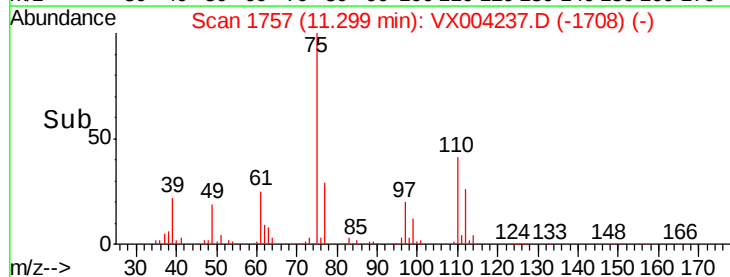
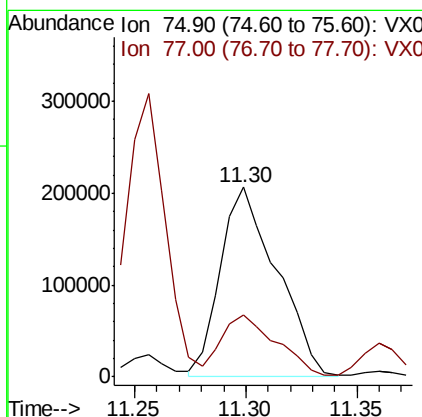
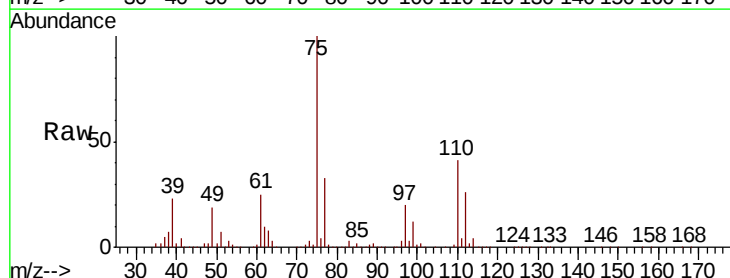
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	83	Resp	322141
Ion Ratio	100		
Lower	5.2		
Upper	15.6		
85	64.2	32.3	96.8



#76
 1,2,3-Trichloropropane
 Concen: 63.02 ug/l
 RT: 11.30 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VX004237.D
 Acq: 23 Aug 2018 19:53

Tgt Ion	75	Resp	363161
Ion Ratio	100		
Lower	20.2		
Upper	60.6		
77	31.9		





#77

Bromobenzene

Concen: 51.66 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX004237.D

Acq: 23 Aug 2018 19:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

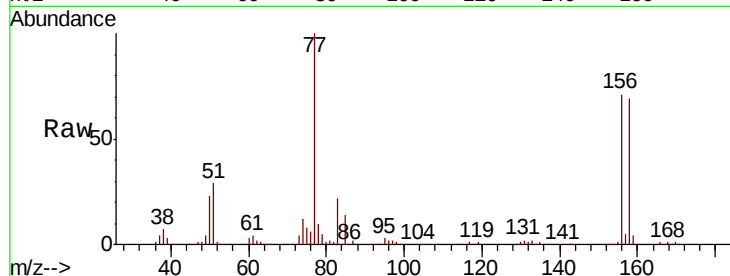
Tot Ion:156 Resp: 269654

Ion Ratio Lower Upper

156 100

77 142.6 71.5 214.3

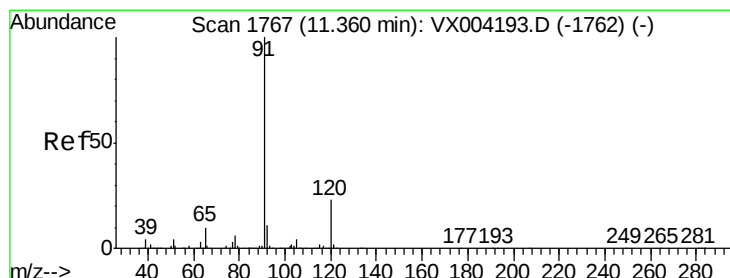
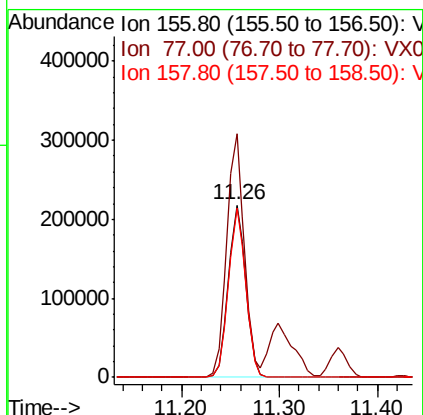
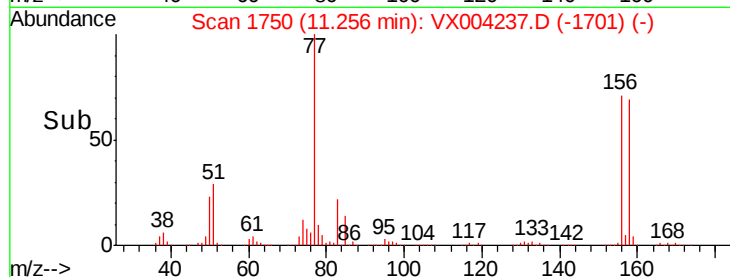
158 97.5 48.9 146.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 54.20 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.00 min

Lab File: VX004237.D

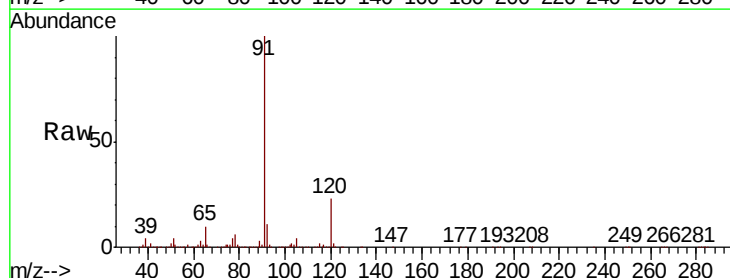
Acq: 23 Aug 2018 19:53

Tgt Ion: 91 Resp: 1160070

Ion Ratio Lower Upper

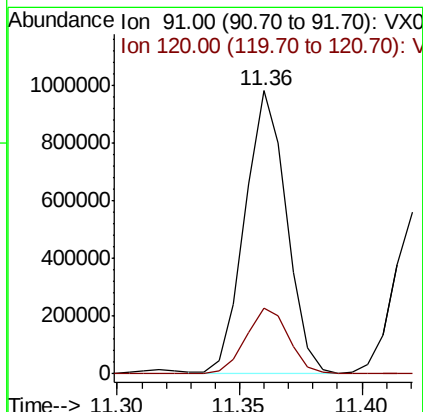
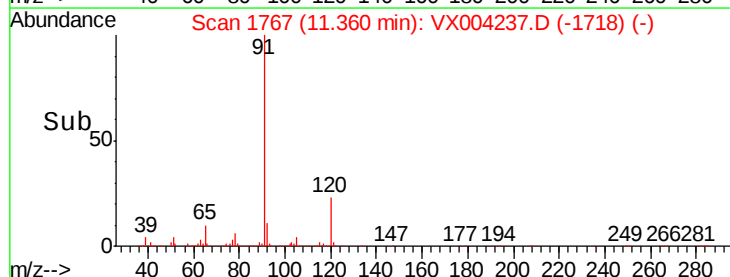
91 100

120 23.9 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

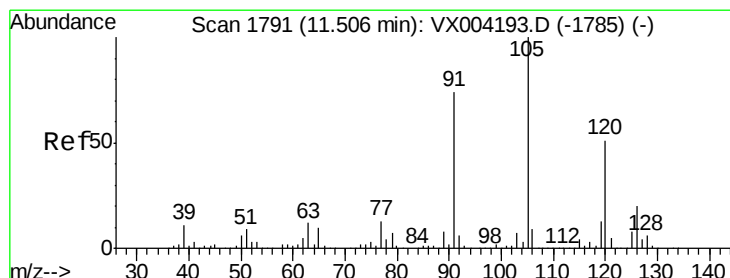
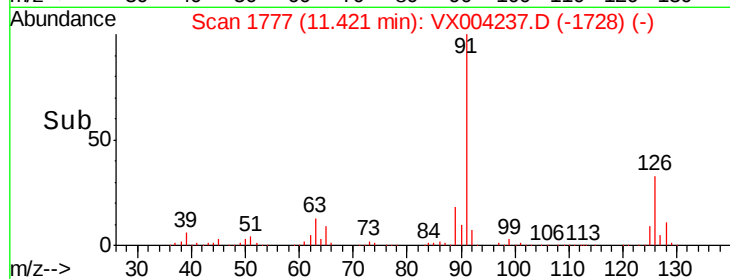
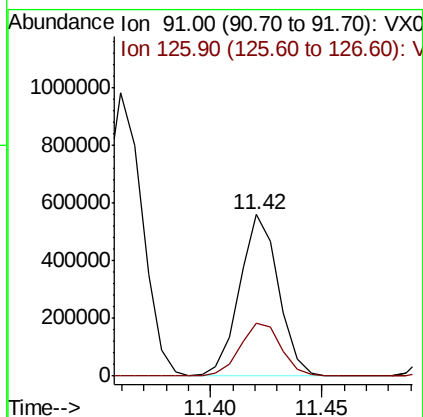
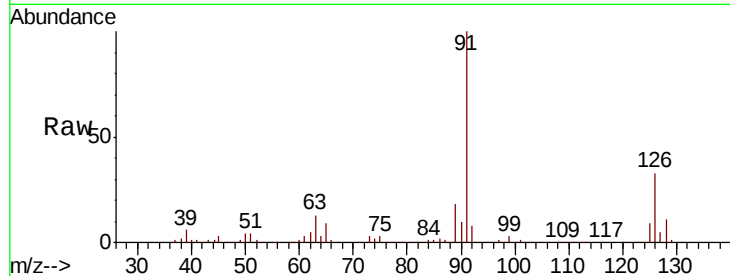




#79
 2-Chlorotoluene
 Concen: 51.64 ug/l
 RT: 11.42 min Scan# 1777
 Delta R.T. 0.00 min
 Lab File: VX004237.D
 Acq: 23 Aug 2018 19:53

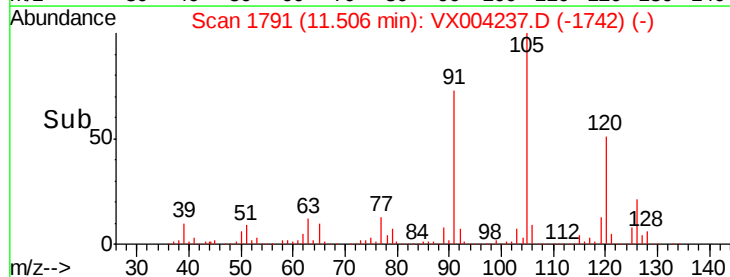
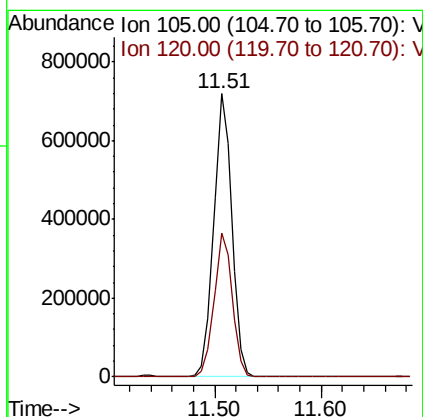
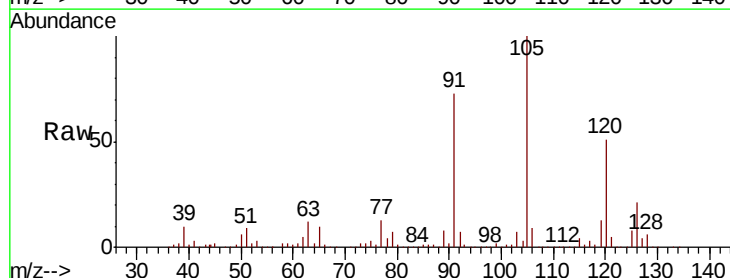
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 680312
 Ion Ratio Lower Upper
 91 100
 126 34.6 17.9 53.7



#80
 1,3,5-Trimethylbenzene
 Concen: 54.60 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX004237.D
 Acq: 23 Aug 2018 19:53

Tgt Ion: 105 Resp: 841440
 Ion Ratio Lower Upper
 105 100
 120 50.8 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 51.07 ug/l

RT: 11.07 min Scan# 1720

Delta R.T. -0.00 min

Lab File: VX004237.D

Acq: 23 Aug 2018 19:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

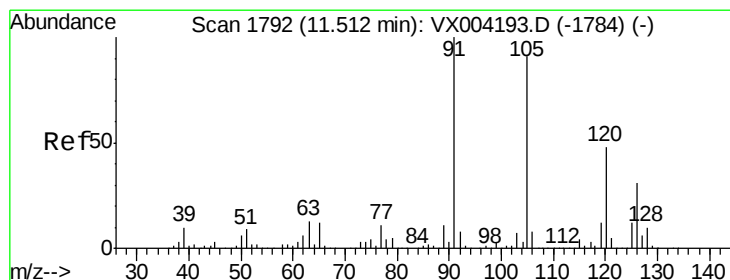
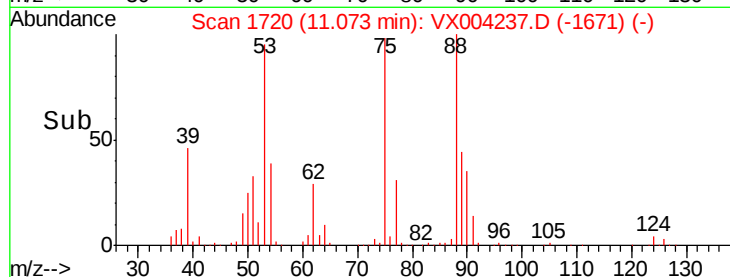
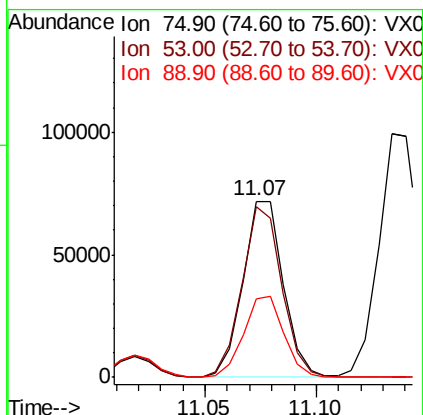
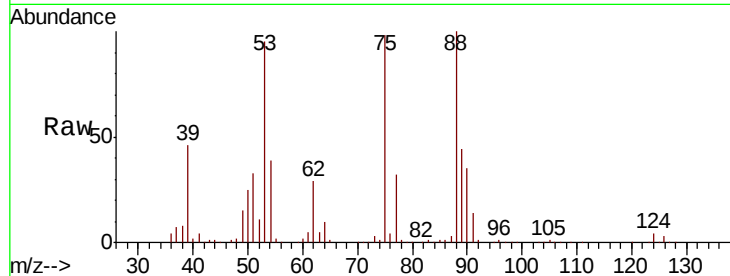
Tot Ion: 75 Resp: 90702

Ion Ratio Lower Upper

75 100

53 96.6 80.1 120.1

89 46.0 37.2 55.8



#82

4-Chlorotoluene

Concen: 51.67 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX004237.D

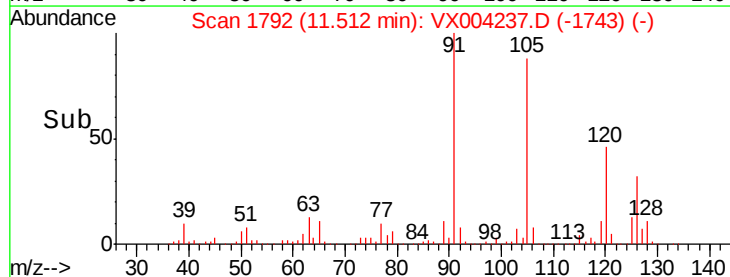
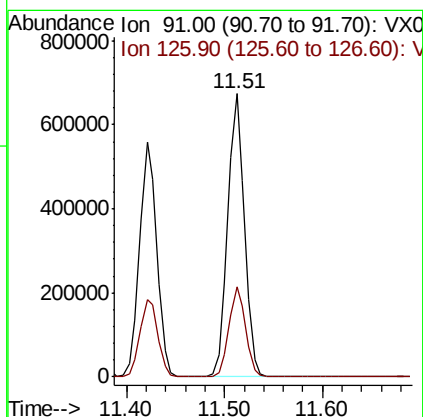
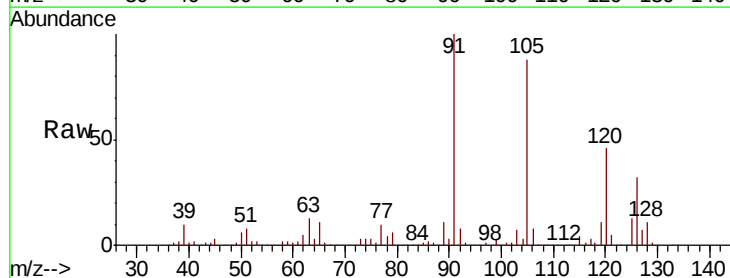
Acq: 23 Aug 2018 19:53

Tgt Ion: 91 Resp: 801008

Ion Ratio Lower Upper

91 100

126 31.5 15.5 46.5

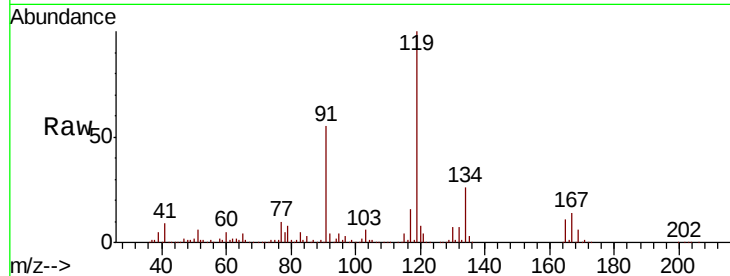




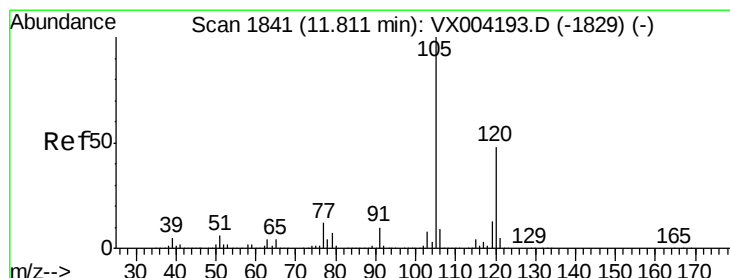
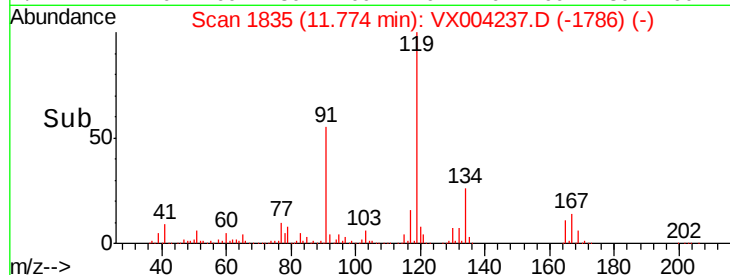
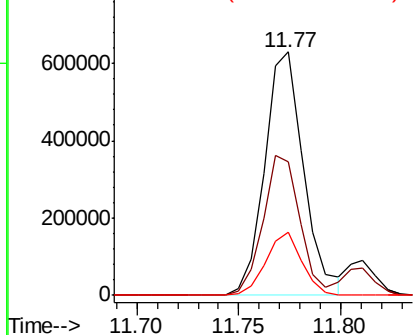
#83
 tert-Butylbenzene
 Concen: 54.14 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX004237.D
 Acq: 23 Aug 2018 19:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:119 Resp: 839493
 Ion Ratio Lower Upper
 119 100
 91 54.2 27.0 81.0
 134 23.9 11.7 35.1

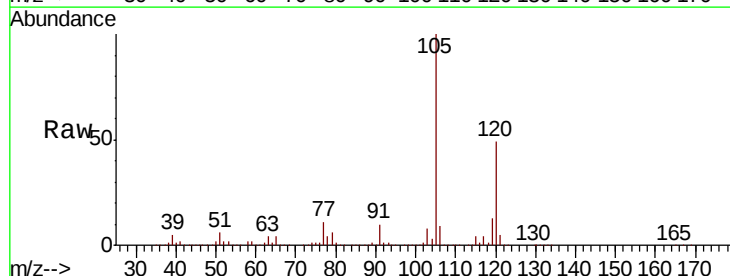


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VX
 Ion 134.00 (133.70 to 134.70): V

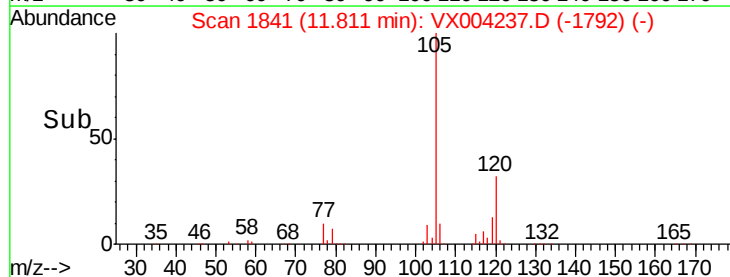
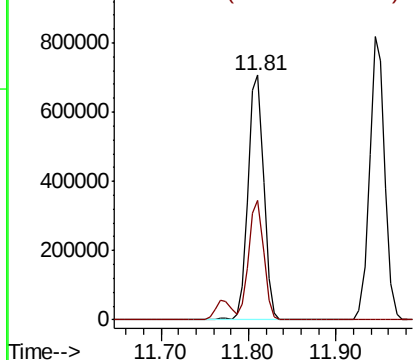


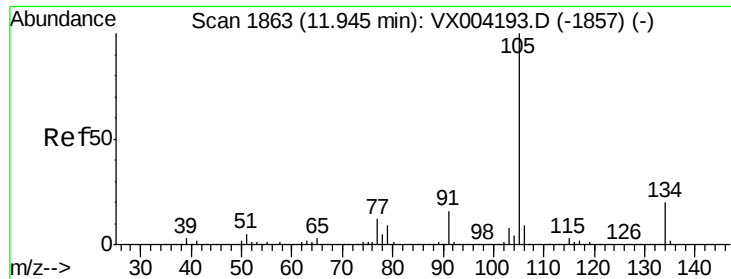
#84
 1,2,4-Trimethylbenzene
 Concen: 55.06 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX004237.D
 Acq: 23 Aug 2018 19:53

Tgt Ion:105 Resp: 871022
 Ion Ratio Lower Upper
 105 100
 120 46.7 23.2 69.6



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

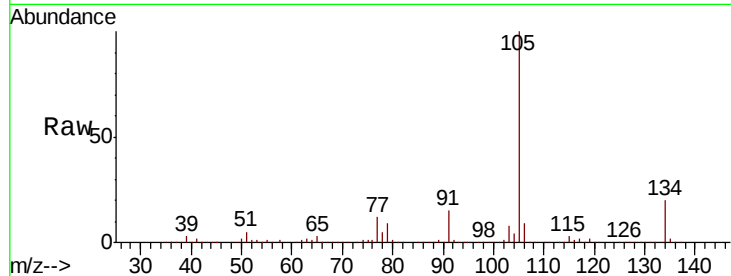




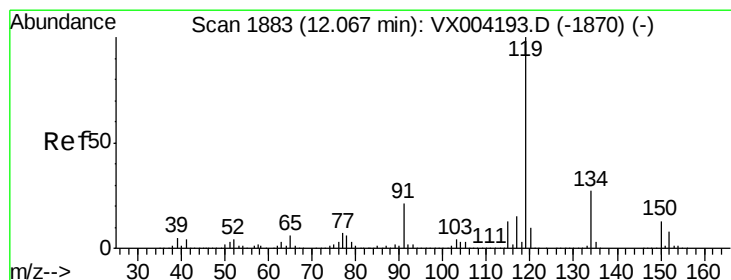
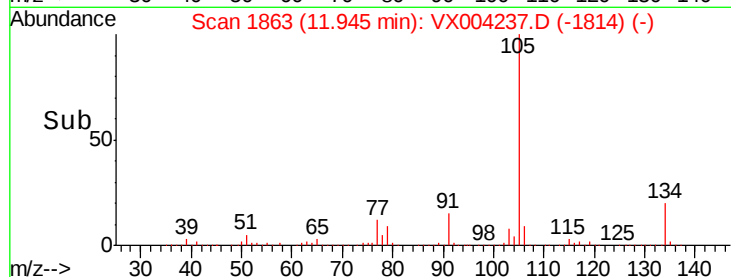
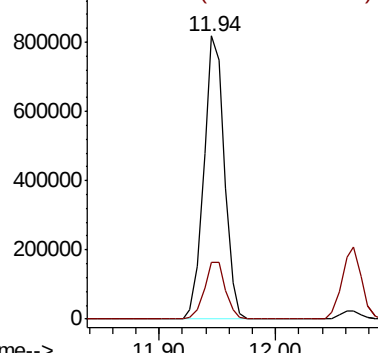
#85
 sec-Butylbenzene
 Concen: 54.22 ug/l
 RT: 11.94 min Scan# 1863
 Delta R.T. 0.00 min
 Lab File: VX004237.D
 Acq: 23 Aug 2018 19:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:105 Resp: 998196
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.5 31.5

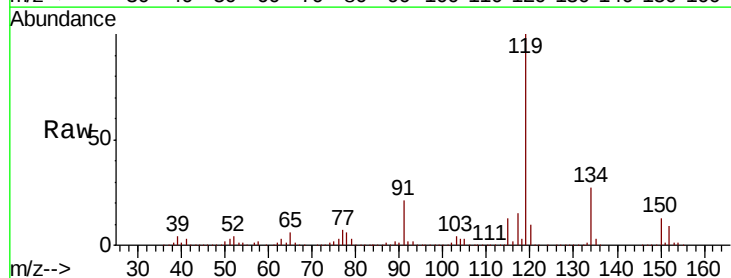


Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 134.00 (133.70 to 134.70): V

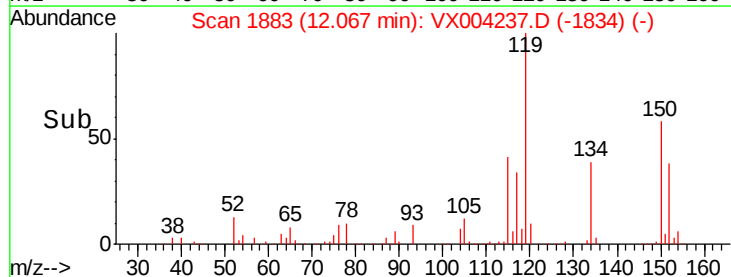
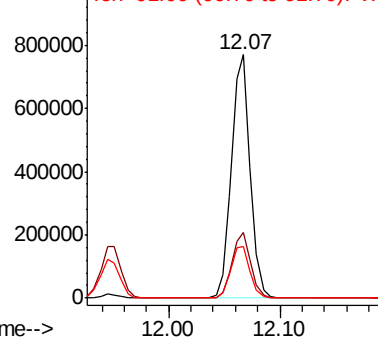


#86
 p-Isopropyltoluene
 Concen: 54.58 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX004237.D
 Acq: 23 Aug 2018 19:53

Tgt Ion:119 Resp: 900440
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.4 40.2
 91 21.8 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

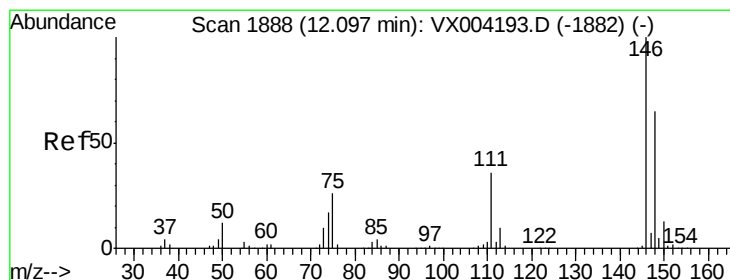
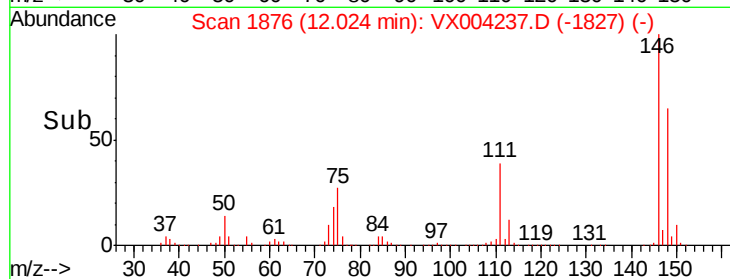
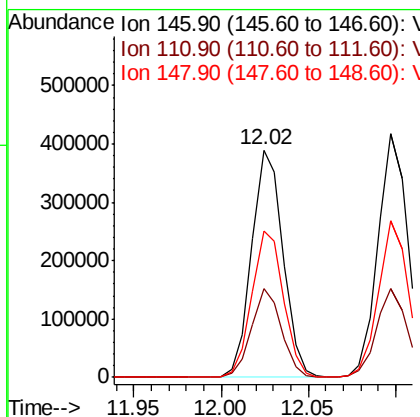
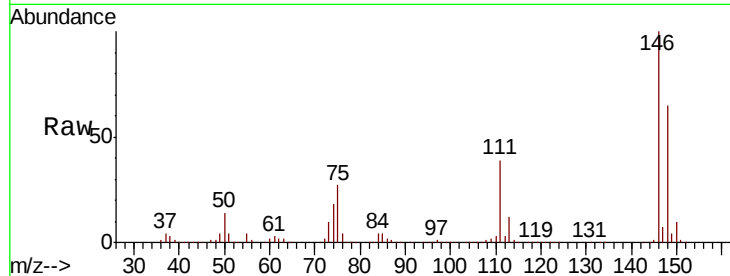




#87
 1,3-Dichlorobenzene
 Concen: 49.39 ug/l
 RT: 12.02 min Scan# 1876
 Delta R.T. 0.00 min
 Lab File: VX004237.D
 Acq: 23 Aug 2018 19:53

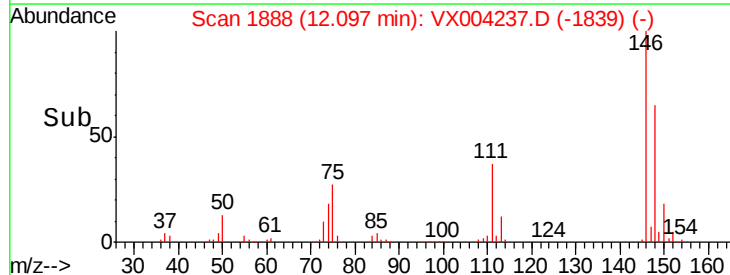
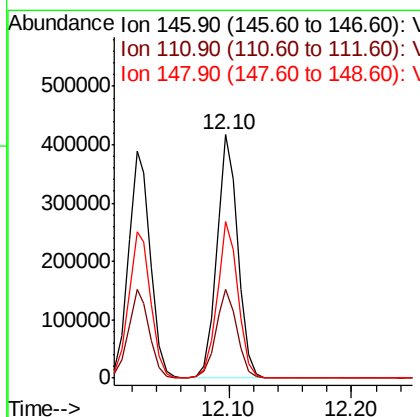
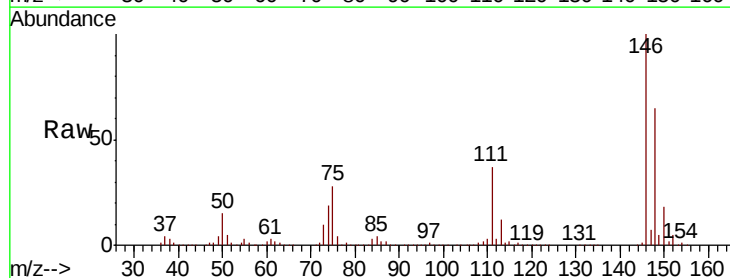
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:146 Resp: 485380
 Ion Ratio Lower Upper
 146 100
 111 37.4 18.7 56.1
 148 65.1 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 48.04 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. -0.00 min
 Lab File: VX004237.D
 Acq: 23 Aug 2018 19:53

Tgt Ion:146 Resp: 497780
 Ion Ratio Lower Upper
 146 100
 111 36.7 18.1 54.1
 148 64.0 32.0 96.0

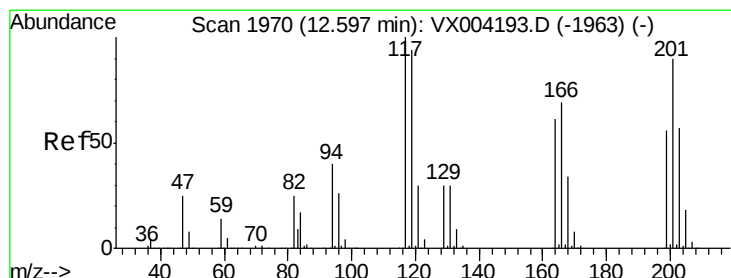
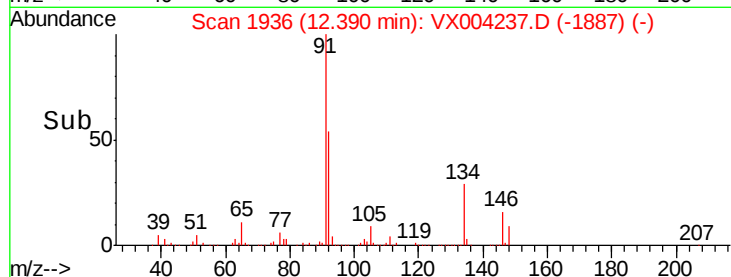
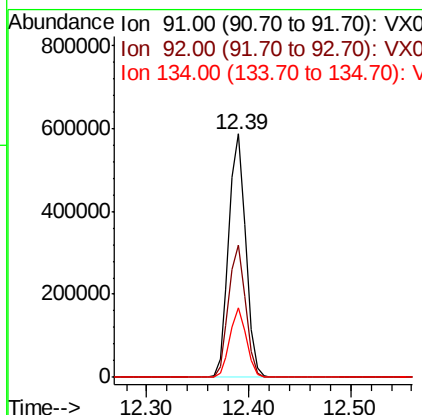
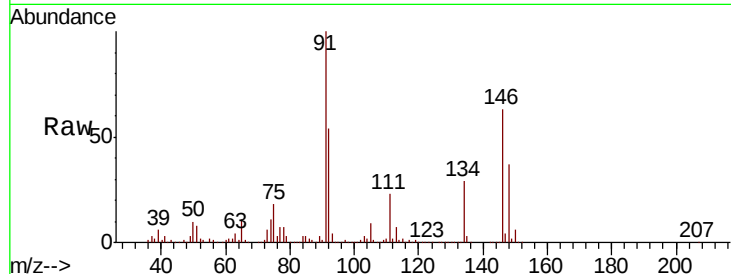




#89
n-Butylbenzene
Concen: 50.27 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX004237.D
Acq: 23 Aug 2018 19:53

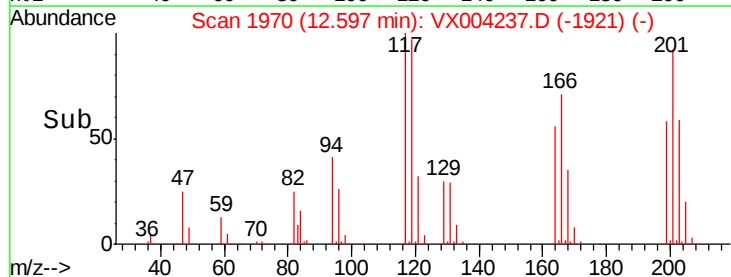
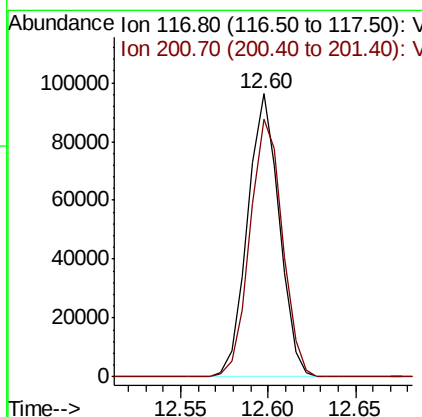
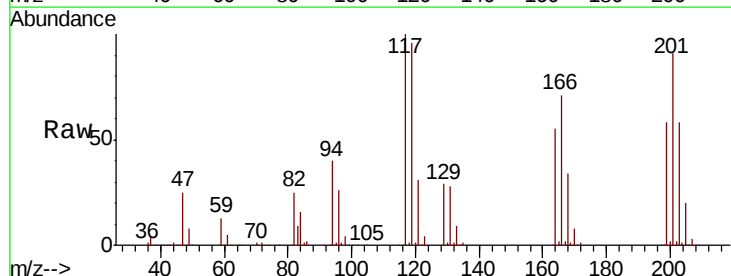
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 674325
Ion Ratio Lower Upper
91 100
92 54.4 27.3 81.9
134 27.7 13.6 40.7



#90
Hexachloroethane
Concen: 52.63 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VX004237.D
Acq: 23 Aug 2018 19:53

Tgt Ion: 117 Resp: 121361
Ion Ratio Lower Upper
117 100
201 93.1 46.9 140.6





#91

1,2-Dichlorobenzene

Concen: 50.34 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX004237.D

Acq: 23 Aug 2018 19:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

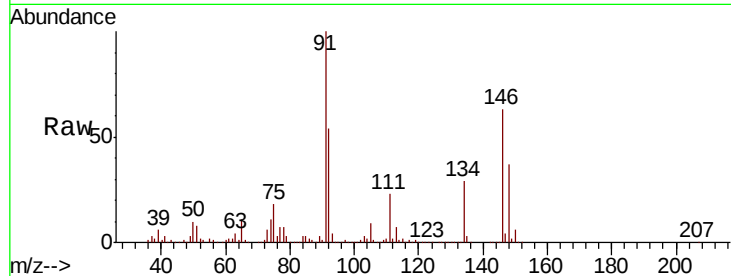
Tot Ion:146 Resp: 452230

Ion Ratio Lower Upper

146 100

111 38.0 19.4 58.1

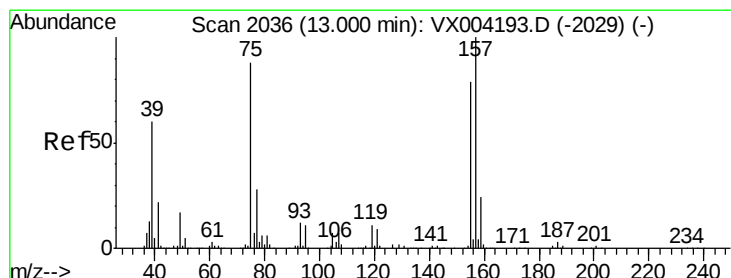
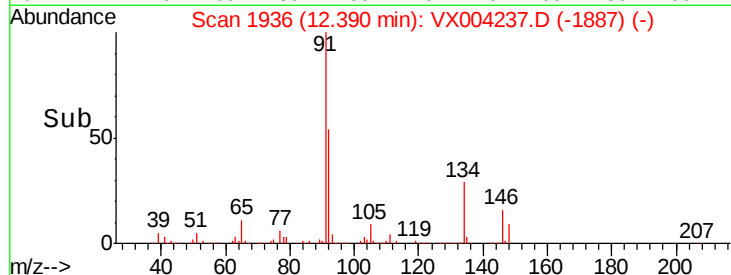
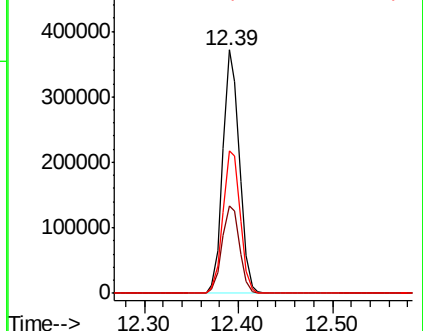
148 61.0 32.8 98.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.82 ug/l

RT: 13.00 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VX004237.D

Acq: 23 Aug 2018 19:53

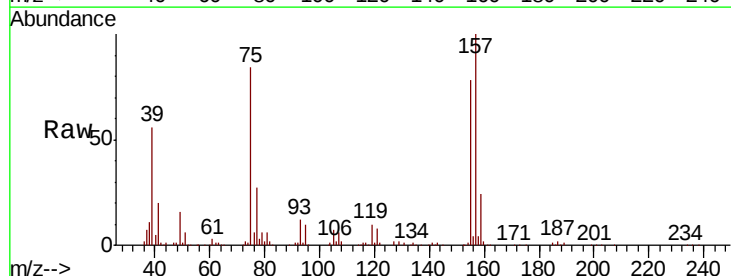
Tgt Ion: 75 Resp: 58288

Ion Ratio Lower Upper

75 100

155 97.8 48.0 144.2

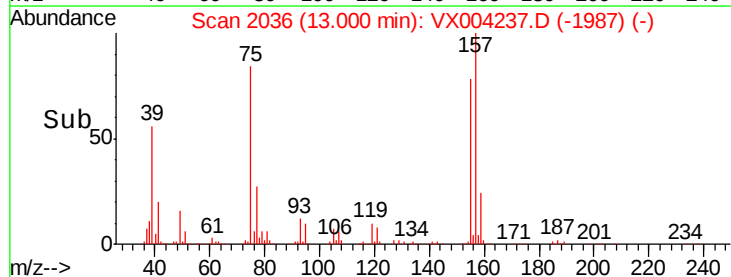
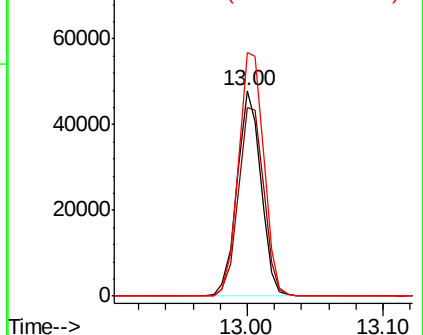
157 126.4 61.4 184.1

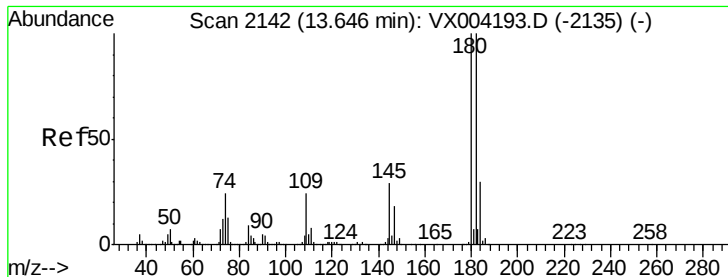


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

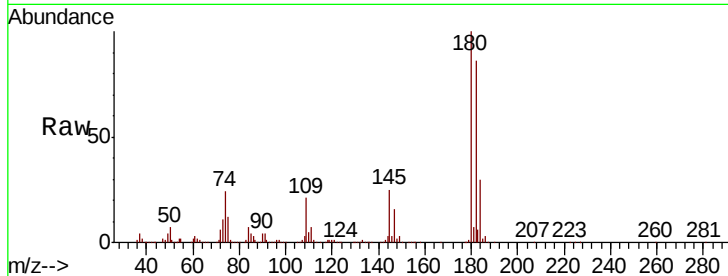




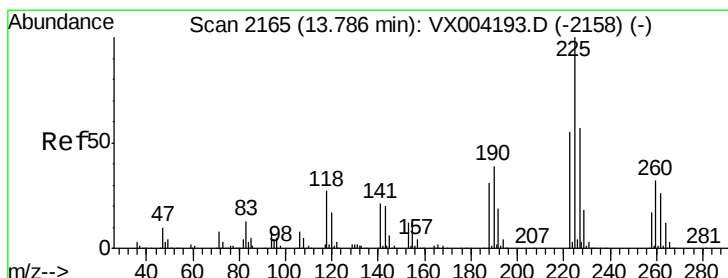
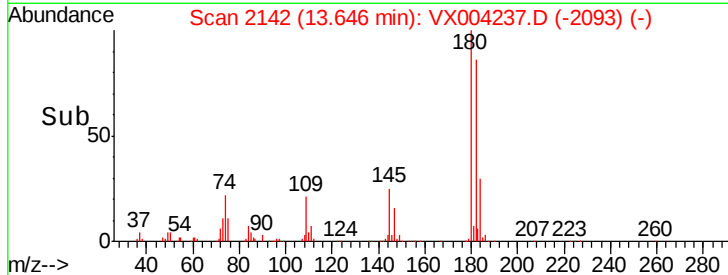
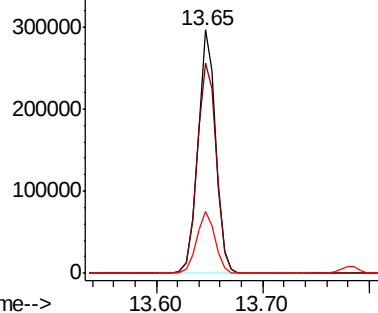
#93
 1,2,4-Trichlorobenzene
 Concen: 52.51 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: VX004237.D
 Acq: 23 Aug 2018 19:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.5	48.4	145.0
145	26.5	14.3	42.9

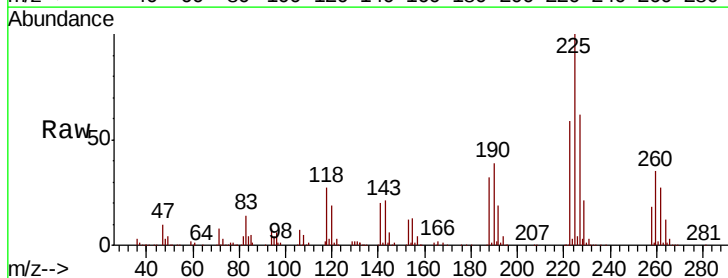


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

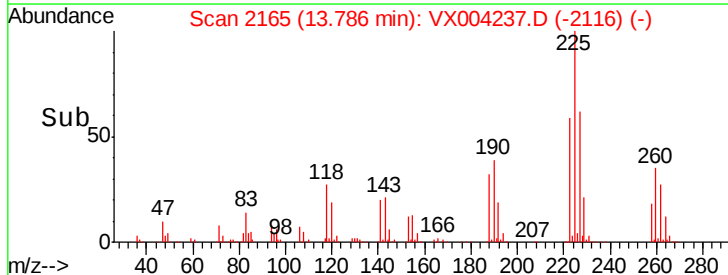
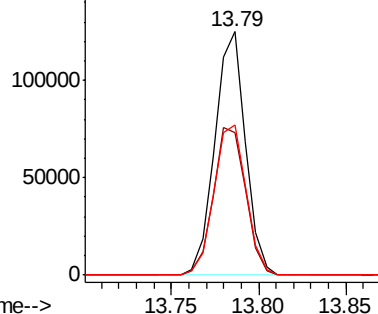


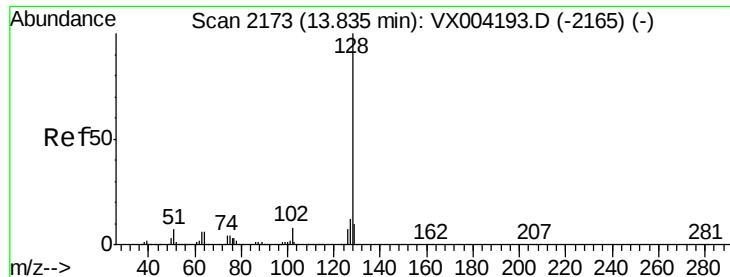
#94
 Hexachlorobutadiene
 Concen: 49.95 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX004237.D
 Acq: 23 Aug 2018 19:53

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.9	30.1	90.5
227	64.8	30.8	92.4



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: 57.04 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. 0.00 min

Lab File: VX004237.D

Acq: 23 Aug 2018 19:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

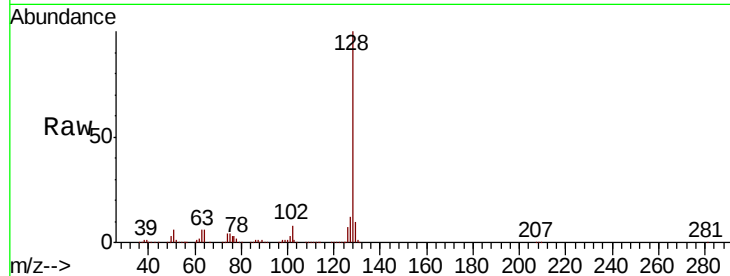
Tot Ion:128 Resp: 1054411

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.2

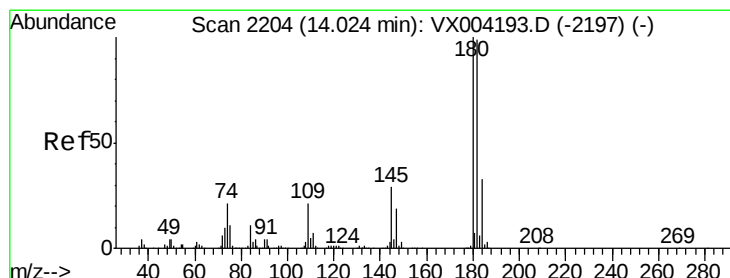
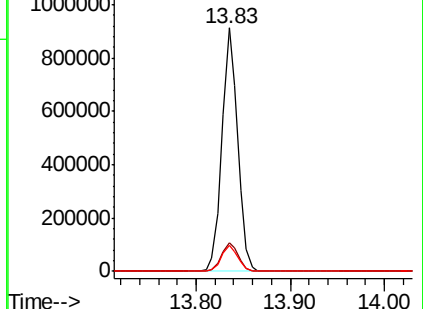
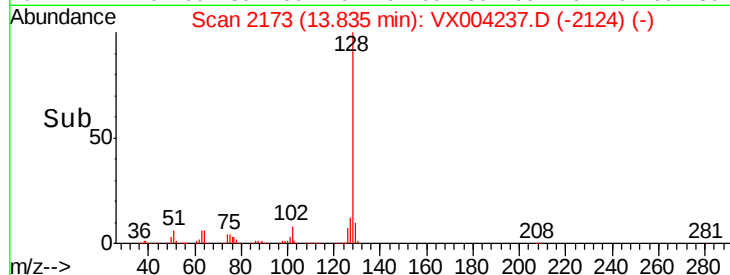
129 11.0 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 52.19 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX004237.D

Acq: 23 Aug 2018 19:53

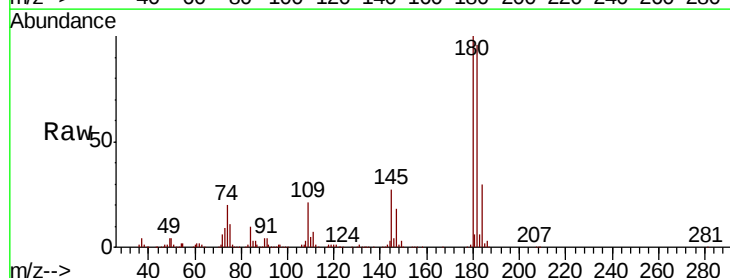
Tgt Ion:180 Resp: 361094

Ion Ratio Lower Upper

180 100

182 95.8 48.5 145.6

145 29.3 14.9 44.9



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

