

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX110118\
 Data File : VX005742.D
 Acq On : 01 Nov 2018 20:59
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 02 04:20:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 31 18:23:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	118726	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	196662	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	174454	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	89667	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	87779	50.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.14%	
35) Dibromofluoromethane	5.50	113	68490	50.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.60%	
50) Toluene-d8	8.72	98	240049	50.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.52%	
62) 4-Bromofluorobenzene	11.14	95	88678	50.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	68648	50.052	ug/l	99
3) Chloromethane	1.32	50	76301	47.164	ug/l	99
4) Vinyl Chloride	1.40	62	79551	47.264	ug/l	99
5) Bromomethane	1.64	94	85418	40.899	ug/l	96
6) Chloroethane	1.71	64	51145	47.281	ug/l	95
7) Trichlorofluoromethane	1.92	101	102713	47.543	ug/l	100
8) Diethyl Ether	2.19	74	45180	46.525	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.38	101	59194	45.108	ug/l	91
10) Methyl Iodide	2.51	142	66209	51.763	ug/l	100
11) Tert butyl alcohol	3.08	59	119607	253.730	ug/l	98
12) 1,1-Dichloroethene	2.37	96	59767	46.739	ug/l	93
13) Acrolein	2.29	56	74003	220.903	ug/l	95
14) Allyl chloride	2.73	41	125208	47.353	ug/l	95
15) Acrylonitrile	3.15	53	249174	240.379	ug/l	98
16) Acetone	2.45	43	214756	240.253	ug/l	97
17) Carbon Disulfide	2.57	76	171220	43.574	ug/l	96
18) Methyl Acetate	2.78	43	126059	50.604	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	226781	51.235	ug/l	94
20) Methylene Chloride	2.85	84	72405	48.372	ug/l	91
21) trans-1,2-Dichloroethene	3.16	96	62811	46.420	ug/l	95
22) Diisopropyl ether	3.87	45	243132	49.569	ug/l	# 93
23) Vinyl Acetate	3.82	43	1091164	255.407	ug/l	99
24) 1,1-Dichloroethane	3.70	63	128702	46.404	ug/l	98
25) 2-Butanone	4.71	43	356732	243.629	ug/l	98
26) 2,2-Dichloropropane	4.58	77	79469	38.330	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	72393	47.613	ug/l	97
28) Bromochloromethane	5.02	49	63021	46.575	ug/l	93
29) Tetrahydrofuran	5.16	42	226971	253.962	ug/l	93
30) Chloroform	5.21	83	131033	48.322	ug/l	100
31) Cyclohexane	5.57	56	110769	47.760	ug/l	88
32) 1,1,1-Trichloroethane	5.49	97	103658	47.765	ug/l	97
36) 1,1-Dichloropropene	5.80	75	96168	45.897	ug/l	99
37) Ethyl Acetate	4.86	43	126259	47.233	ug/l	98
38) Carbon Tetrachloride	5.78	117	91140	48.145	ug/l	90

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	99387	45.482	ug/l	96
40) Benzene	6.14	78	290588	46.617	ug/l	99
41) Methacrylonitrile	5.06	41	67817	46.953	ug/l	96
42) 1,2-Dichloroethane	6.20	62	107167	46.512	ug/l	99
43) Isopropyl Acetate	6.46	43	186491	48.067	ug/l	98
44) Trichloroethene	7.21	130	63957	44.363	ug/l	90
45) 1,2-Dichloropropane	7.52	63	77119	48.277	ug/l	99
46) Dibromomethane	7.66	93	48780	47.782	ug/l	89
47) Bromodichloromethane	7.90	83	90639	47.333	ug/l	99
48) Methyl methacrylate	7.78	41	91619	48.790	ug/l	94
49) 1,4-Dioxane	7.76	88	41119	983.359	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	645074	243.836	ug/l	95
52) Toluene	8.79	92	163169	48.395	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	100852	48.598	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	107047	48.146	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	71424	48.779	ug/l	99
56) Ethyl methacrylate	9.18	69	114193	46.144	ug/l	97
57) 1,3-Dichloropropane	9.37	76	122715	48.789	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.32	63	331312	235.325	ug/l	95
59) 2-Hexanone	9.50	43	549746	255.348	ug/l	96
60) Dibromochloromethane	9.59	129	73485	51.936	ug/l	99
61) 1,2-Dibromoethane	9.68	107	73735	49.419	ug/l	93
64) Tetrachloroethene	9.34	164	62480	49.022	ug/l	91
65) Chlorobenzene	10.14	112	175393	47.312	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	61924	48.795	ug/l	98
67) Ethyl Benzene	10.26	91	314073	49.641	ug/l	99
68) m/p-Xylenes	10.36	106	237082	100.844	ug/l	97
69) o-Xylene	10.70	106	114484	50.915	ug/l	97
70) Styrene	10.71	104	193298	51.759	ug/l	98
71) Bromoform	10.86	173	50962	49.562	ug/l #	98
73) Isopropylbenzene	11.02	105	311380	52.637	ug/l	99
74) N-amyl acetate	10.90	43	164461	52.217	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	120198	48.975	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	137350	61.502	ug/l	87
77) Bromobenzene	11.26	156	74378	50.684	ug/l	88
78) n-propylbenzene	11.36	91	376131	52.266	ug/l	96
79) 2-Chlorotoluene	11.42	91	220201	51.231	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	265529	52.863	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	33655	48.690	ug/l	97
82) 4-Chlorotoluene	11.51	91	263992	51.446	ug/l	96
83) tert-Butylbenzene	11.77	119	251671	52.512	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	272320	53.690	ug/l	97
85) sec-Butylbenzene	11.94	105	319418	51.957	ug/l	96
86) p-Isopropyltoluene	12.07	119	273321	52.274	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	138602	48.847	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	140128	45.970	ug/l	98
89) n-Butylbenzene	12.39	91	262385	49.738	ug/l	98
90) Hexachloroethane	12.60	117	46239	49.846	ug/l	82
91) 1,2-Dichlorobenzene	12.39	146	142129	47.946	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	29179	50.690	ug/l	86

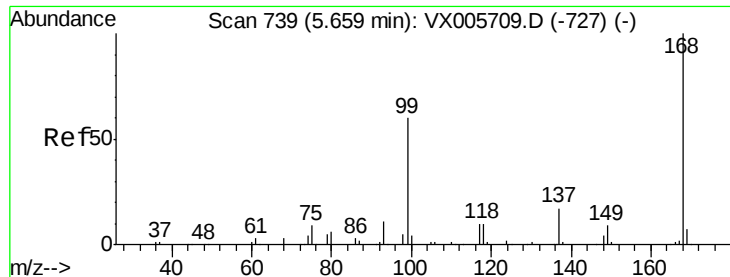
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	95658	50.313	ug/l	99
94) Hexachlorobutadiene	13.79	225	42773	46.504	ug/l	99
95) Naphthalene	13.83	128	346351	55.393	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	99017	51.157	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005742.D

Acq: 01 Nov 2018 20:59

Instrument :

MSVOA_X

ClientSampleId :

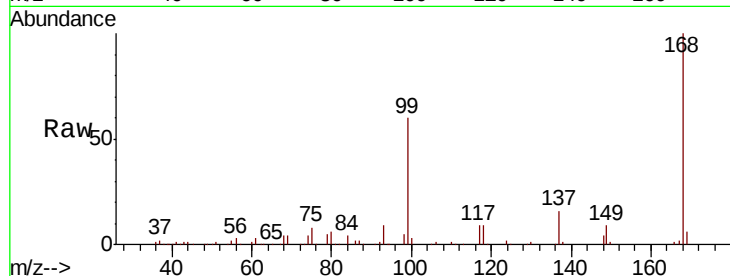
VSTDCCC050EC

Tgt Ion:168 Resp: 118726

Ion Ratio Lower Upper

168 100

99 59.7 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

40000

30000

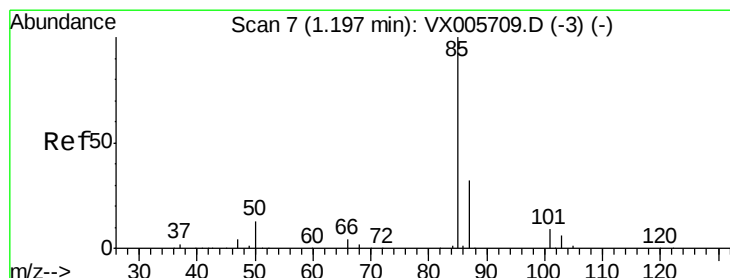
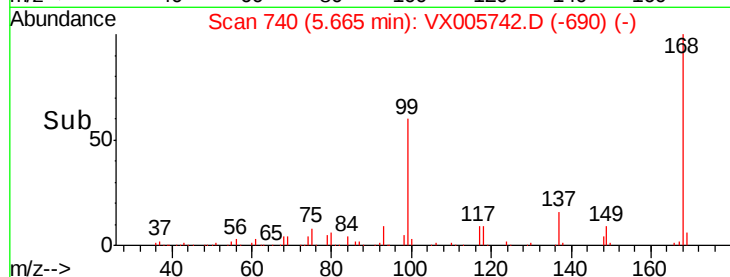
20000

10000

0

Time-->

5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 50.052 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005742.D

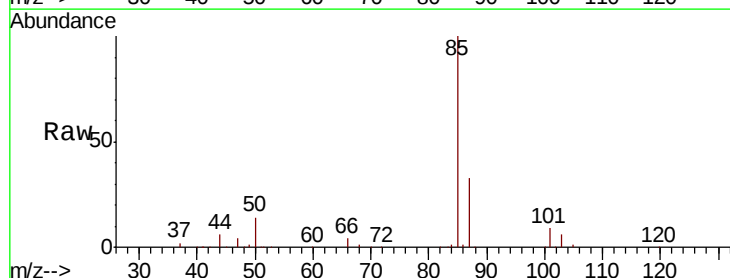
Acq: 01 Nov 2018 20:59

Tgt Ion: 85 Resp: 68648

Ion Ratio Lower Upper

85 100

87 33.3 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

80000

60000

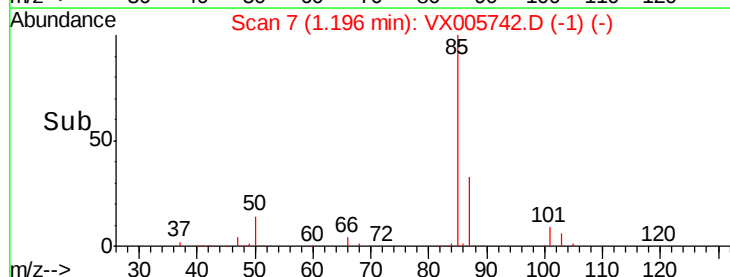
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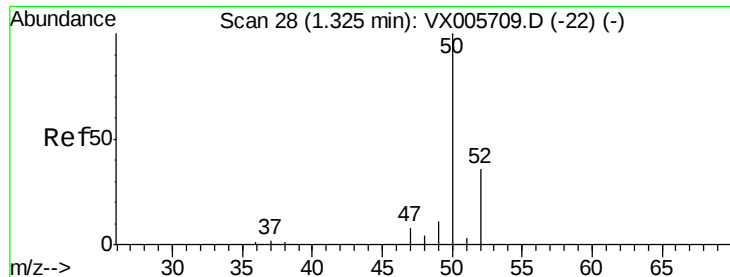
20000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 47.164 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005742.D

Acq: 01 Nov 2018 20:59

Instrument :

MSVOA_X

ClientSampleId :

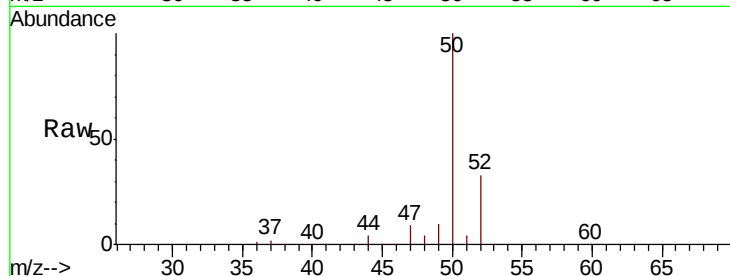
VSTDCCC050EC

Tgt Ion: 50 Resp: 76301

Ion Ratio Lower Upper

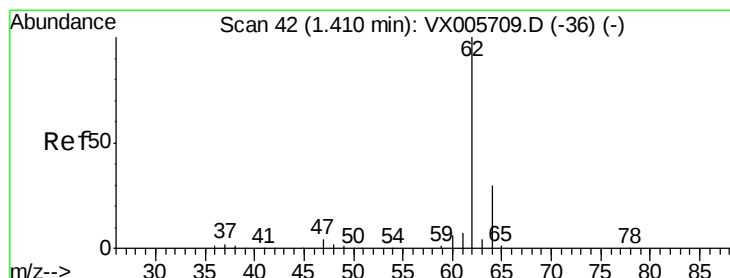
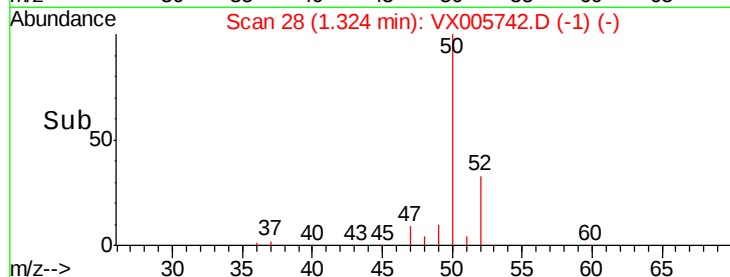
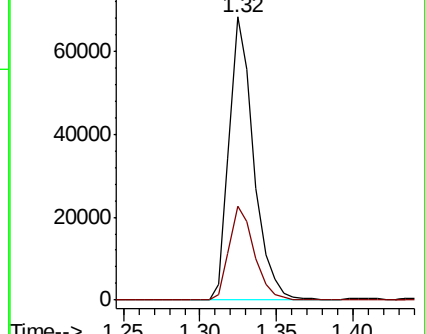
50 100

52 33.2 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 47.264 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX005742.D

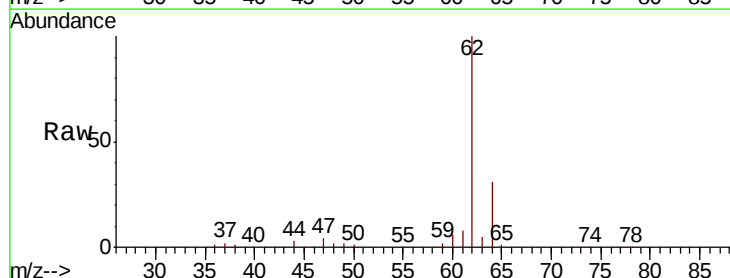
Acq: 01 Nov 2018 20:59

Tgt Ion: 62 Resp: 79551

Ion Ratio Lower Upper

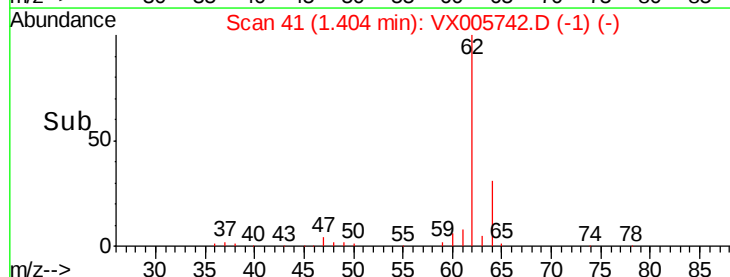
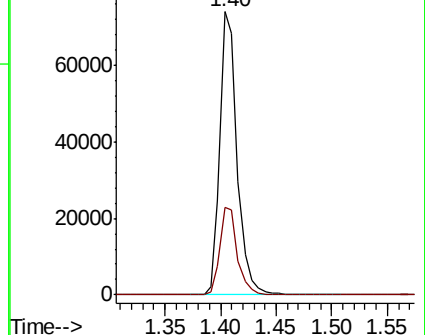
62 100

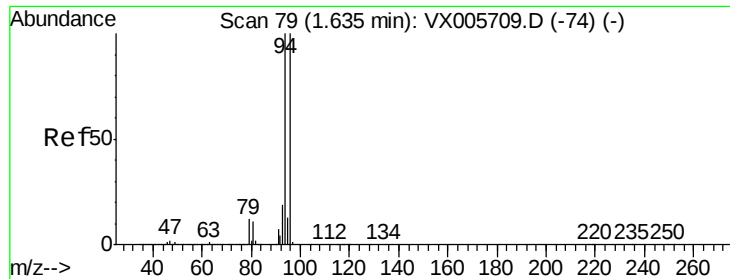
64 31.0 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 40.899 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005742.D

Acq: 01 Nov 2018 20:59

Instrument :

MSVOA_X

ClientSampleId :

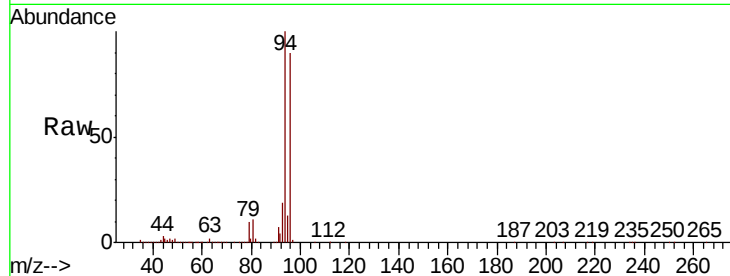
VSTDCCC050EC

Tgt Ion: 94 Resp: 85418

Ion Ratio Lower Upper

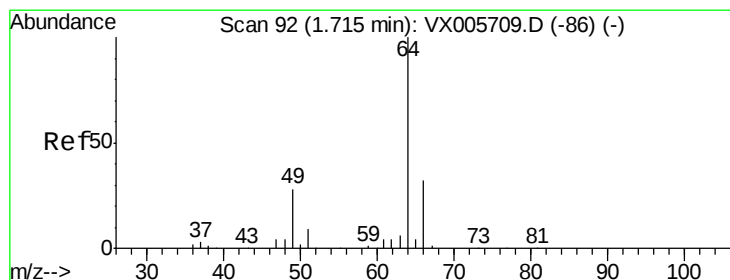
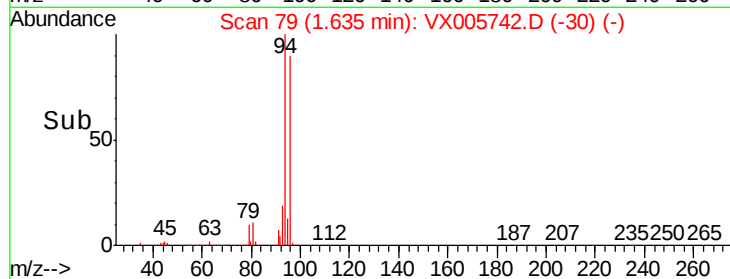
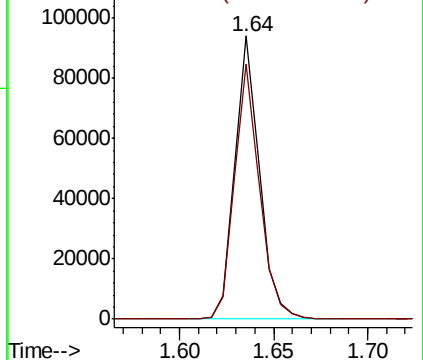
94 100

96 90.0 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 47.281 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX005742.D

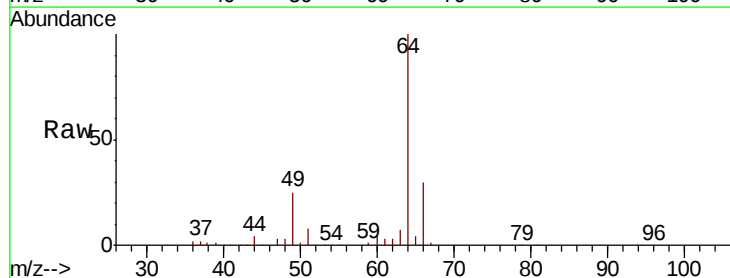
Acq: 01 Nov 2018 20:59

Tgt Ion: 64 Resp: 51145

Ion Ratio Lower Upper

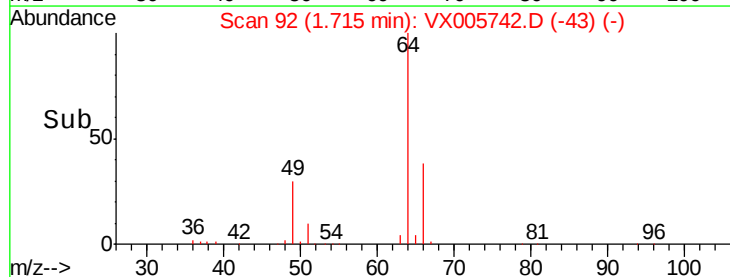
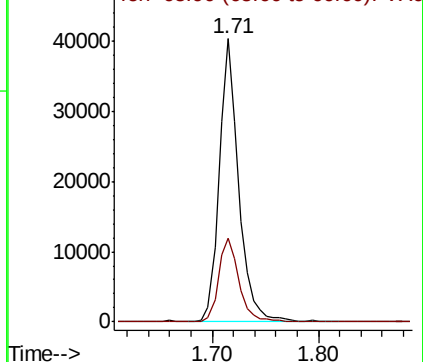
64 100

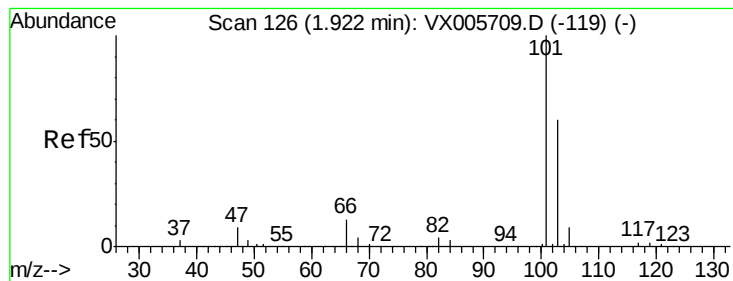
66 29.5 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



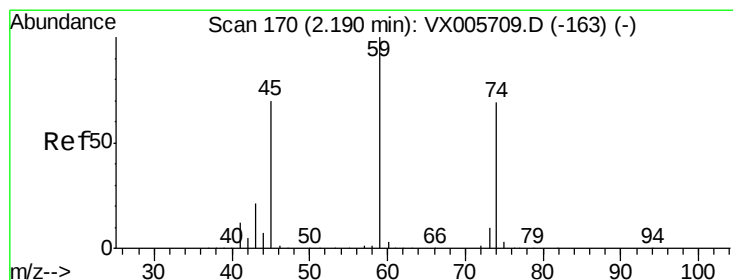
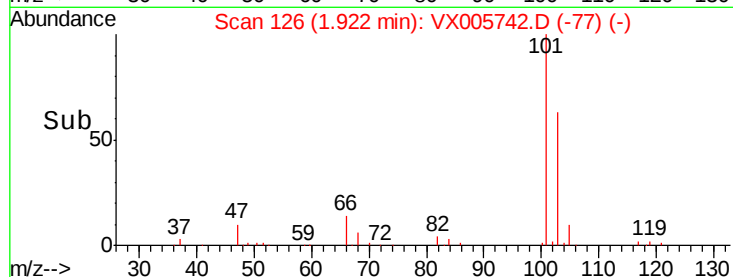
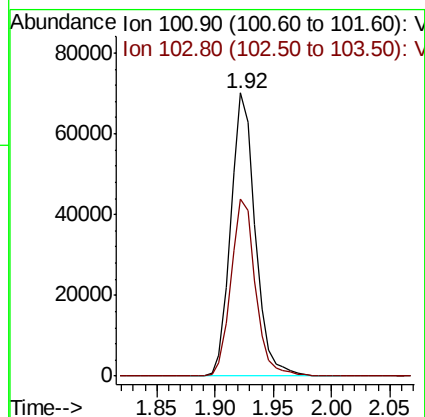
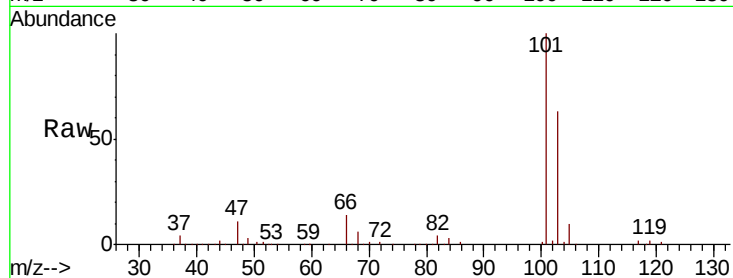


#7

Trichlorofluoromethane
Concen: 47.543 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.00 min
Lab File: VX005742.D
Acq: 01 Nov 2018 20:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

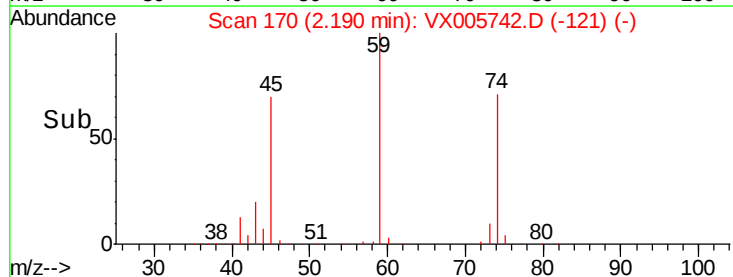
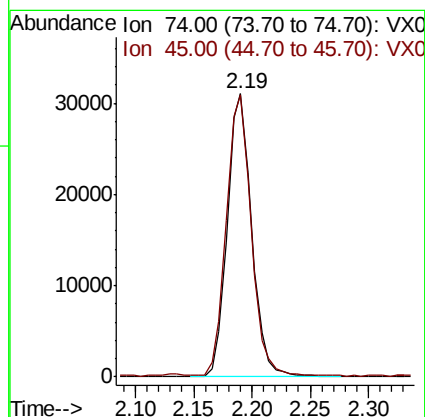
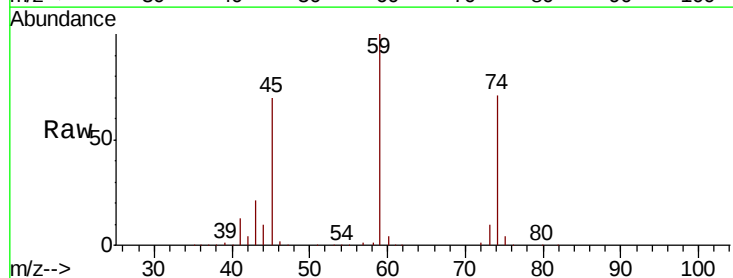
Tgt Ion: 101 Resp: 102713
Ion Ratio Lower Upper
101 100
103 62.7 50.0 75.0

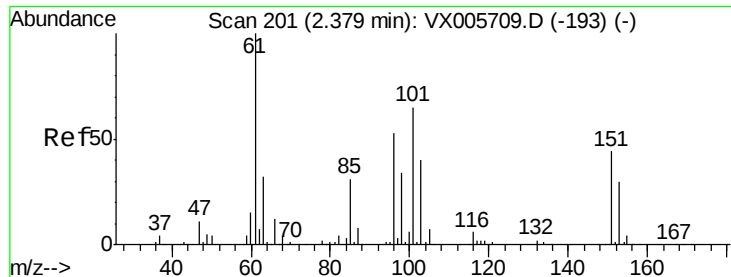


#8

Diethyl Ether
Concen: 46.525 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX005742.D
Acq: 01 Nov 2018 20:59

Tgt Ion: 74 Resp: 45180
Ion Ratio Lower Upper
74 100
45 100.9 54.1 162.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.108 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX005742.D

Acq: 01 Nov 2018 20:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

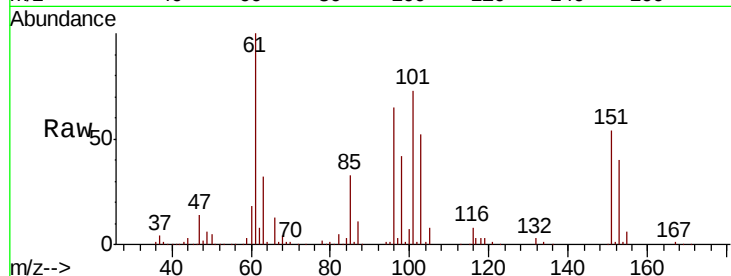
Tgt Ion:101 Resp: 59194

Ion Ratio Lower Upper

101 100

85 46.4 35.0 52.4

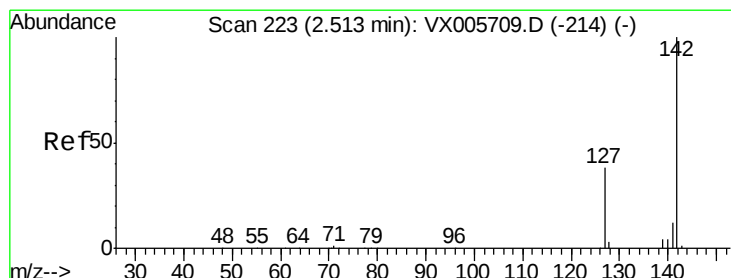
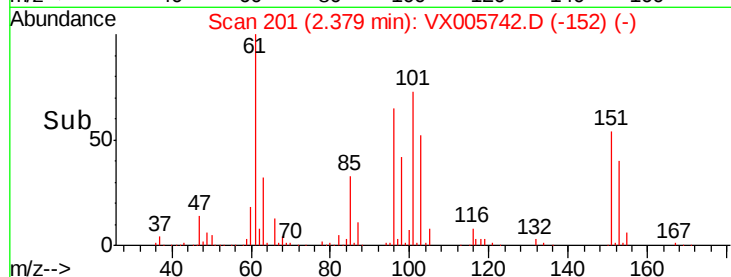
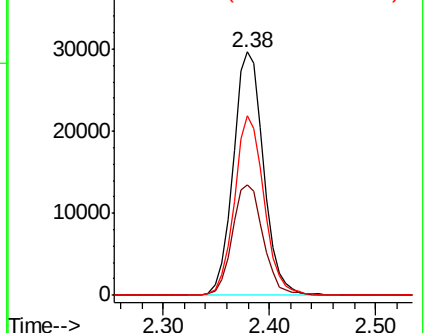
151 72.4 66.2 99.2



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: 51.763 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.01 min

Lab File: VX005742.D

Acq: 01 Nov 2018 20:59

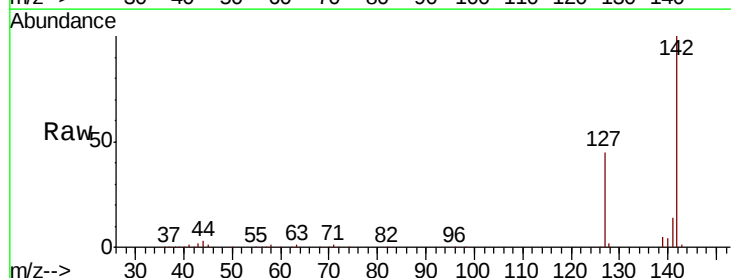
Tgt Ion:142 Resp: 66209

Ion Ratio Lower Upper

142 100

127 44.9 36.0 54.0

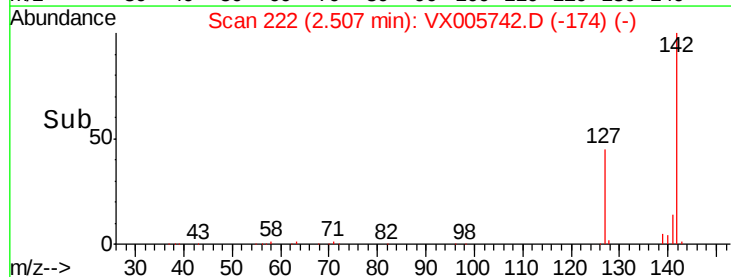
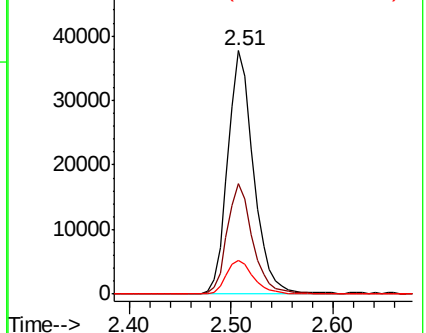
141 14.7 11.7 17.5

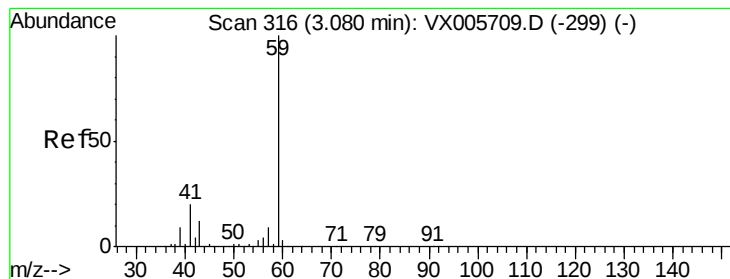


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



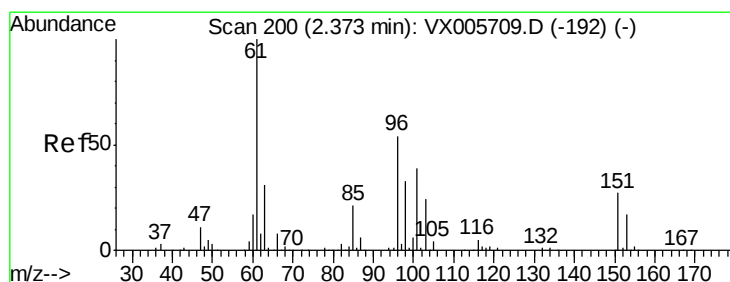
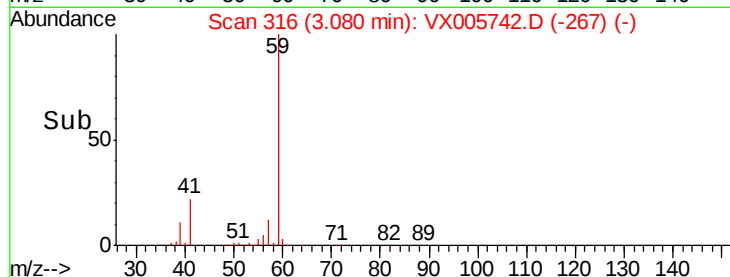
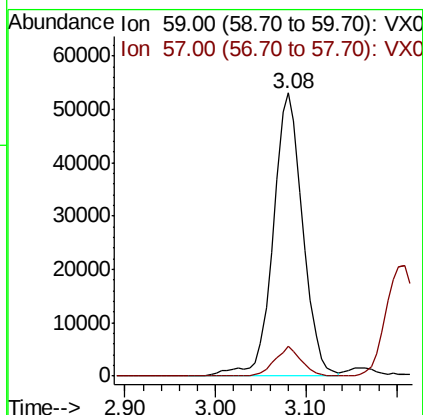
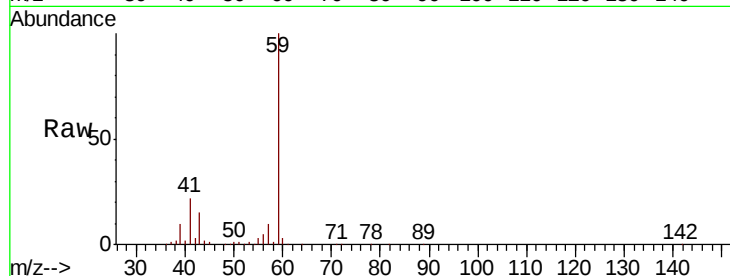


#11

Tert butyl alcohol
 Concen: 253.730 ug/l
 RT: 3.08 min Scan# 316
 Delta R.T. -0.00 min
 Lab File: VX005742.D
 Acq: 01 Nov 2018 20:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

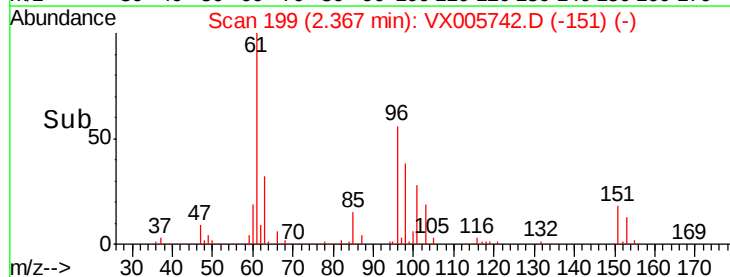
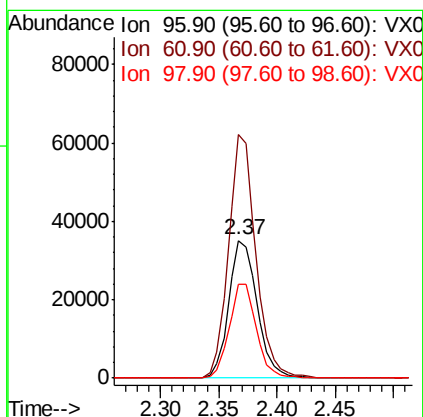
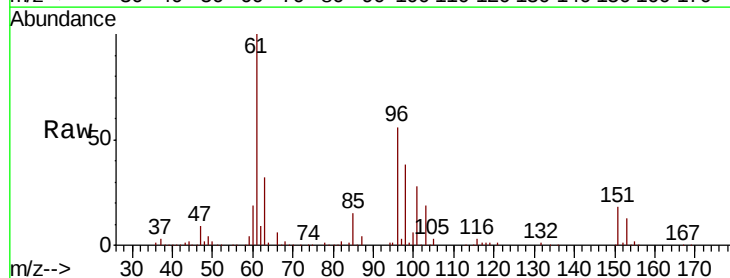
Tgt Ion: 59 Resp: 119607
 Ion Ratio Lower Upper
 59 100
 57 9.7 8.5 12.7

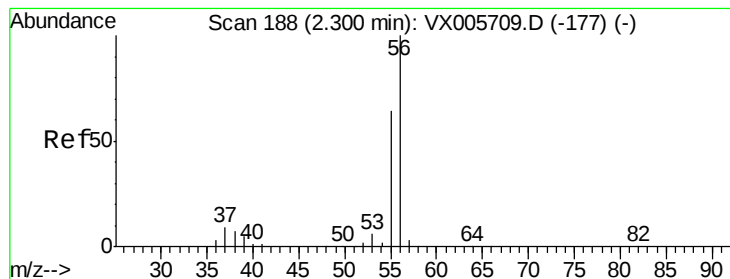


#12

1,1-Dichloroethene
 Concen: 46.739 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. -0.01 min
 Lab File: VX005742.D
 Acq: 01 Nov 2018 20:59

Tgt Ion: 96 Resp: 59767
 Ion Ratio Lower Upper
 96 100
 61 177.0 131.8 197.8
 98 67.8 53.4 80.2





#13

Acrolein

Concen: 220.903 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX005742.D

Acq: 01 Nov 2018 20:59

Instrument :

MSVOA_X

ClientSampleId :

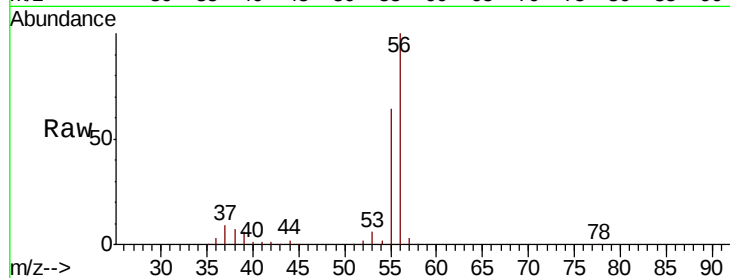
VSTDCCC050EC

Tgt Ion: 56 Resp: 74003

Ion Ratio Lower Upper

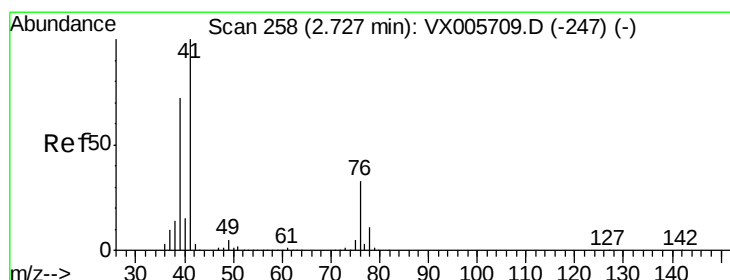
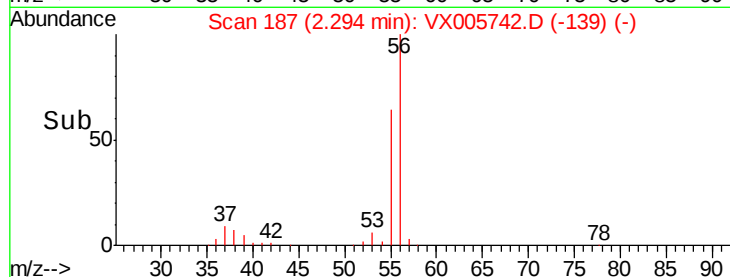
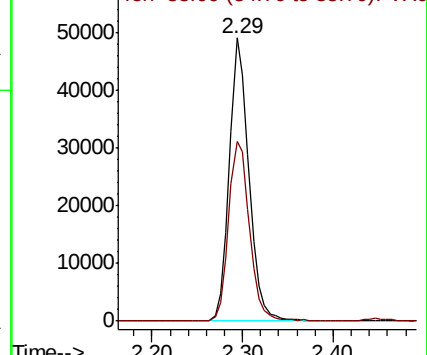
56 100

55 67.7 57.3 85.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 47.353 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX005742.D

Acq: 01 Nov 2018 20:59

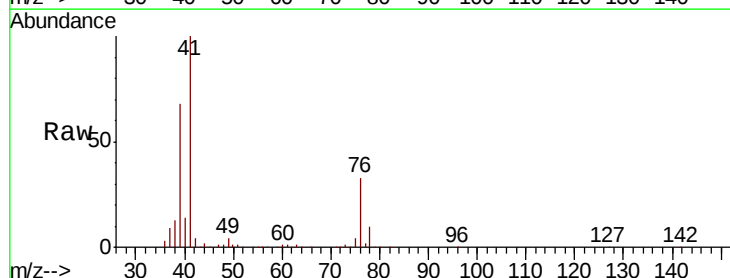
Tgt Ion: 41 Resp: 125208

Ion Ratio Lower Upper

41 100

39 63.7 48.2 72.4

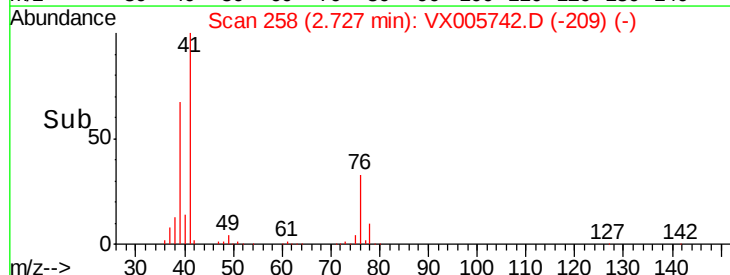
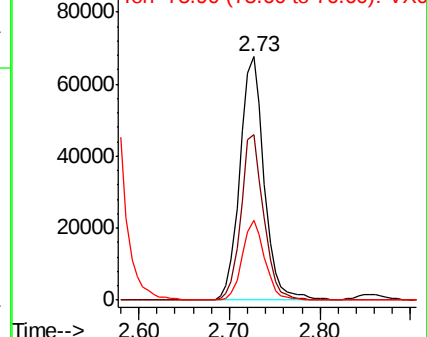
76 30.7 21.9 32.9



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 240.379 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX005742.D

Acq: 01 Nov 2018 20:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

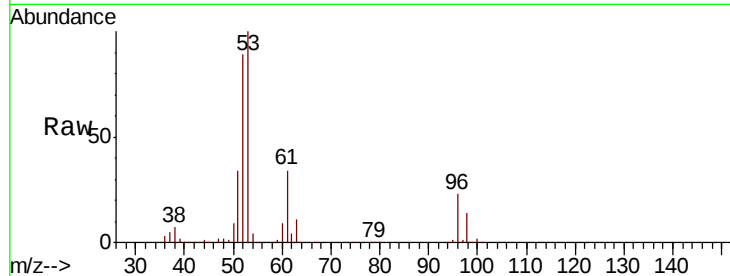
Tgt Ion: 53 Resp: 249174

Ion Ratio Lower Upper

53 100

52 85.9 66.6 99.8

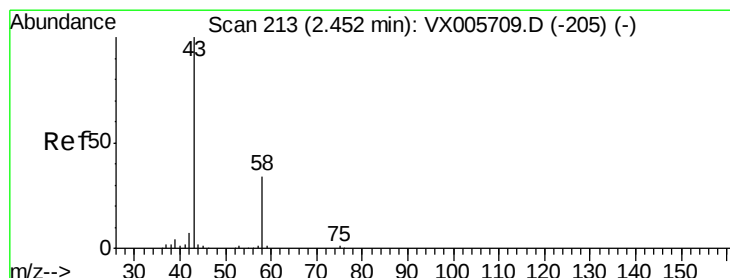
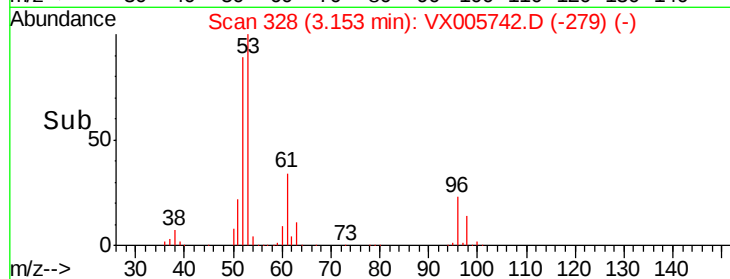
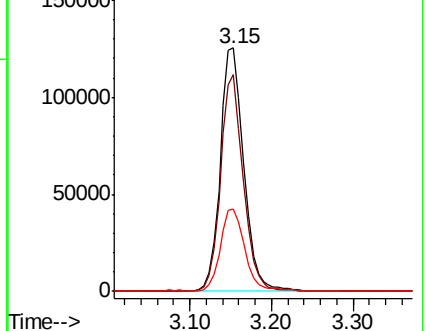
51 35.2 28.4 42.6



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: 240.253 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.00 min

Lab File: VX005742.D

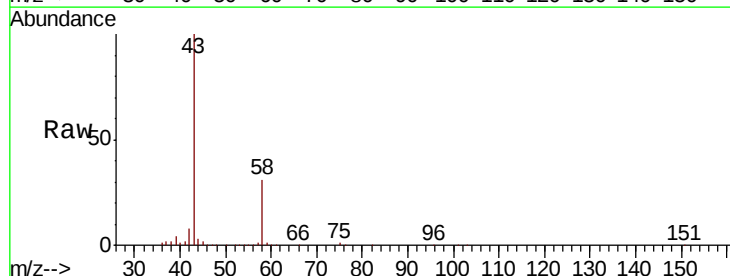
Acq: 01 Nov 2018 20:59

Tgt Ion: 43 Resp: 214756

Ion Ratio Lower Upper

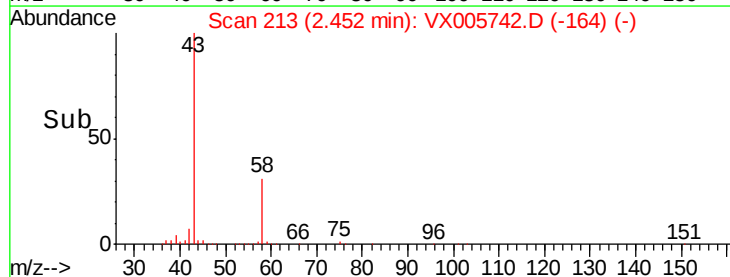
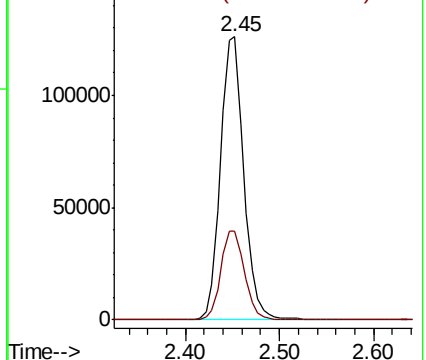
43 100

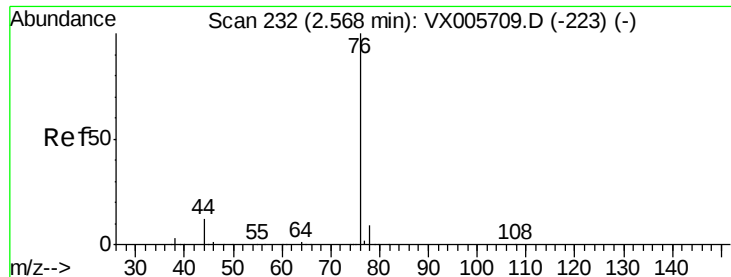
58 31.4 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

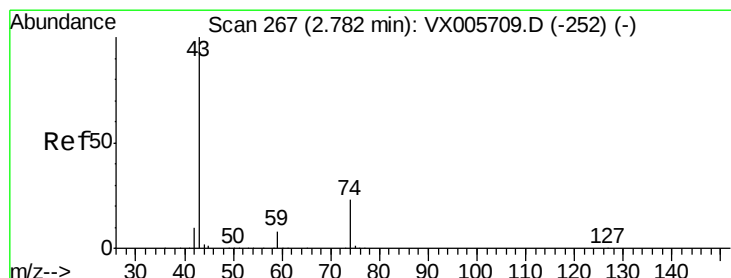
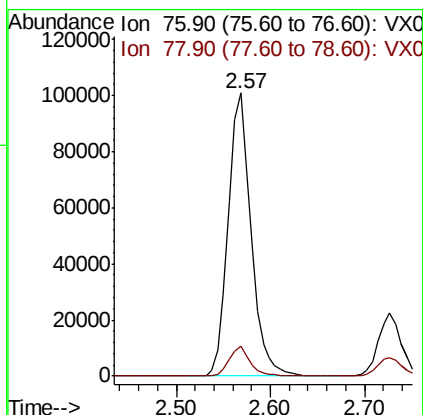
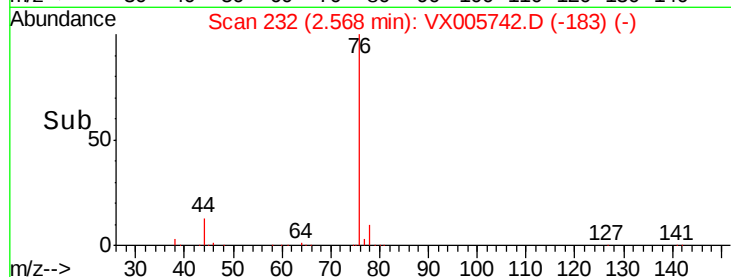
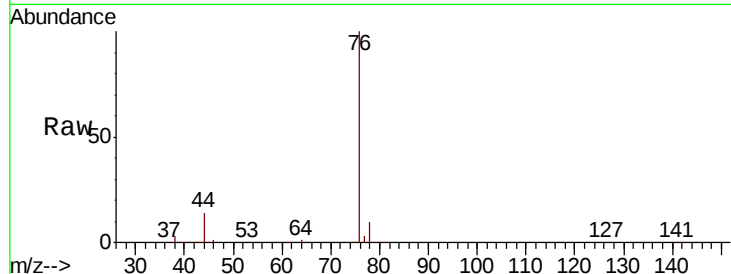




#17
Carbon Disulfide
Concen: 43.574 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX005742.D
Acq: 01 Nov 2018 20:59

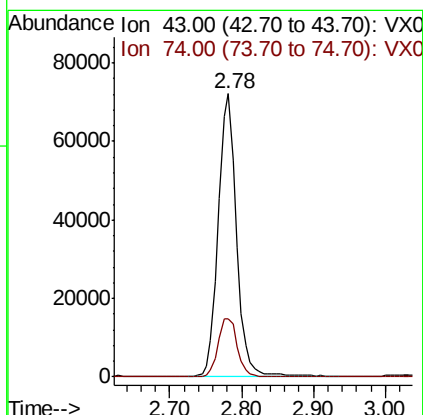
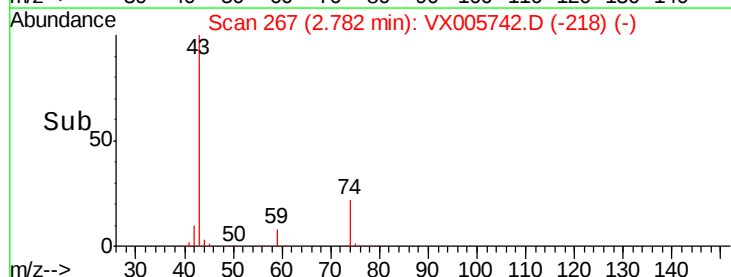
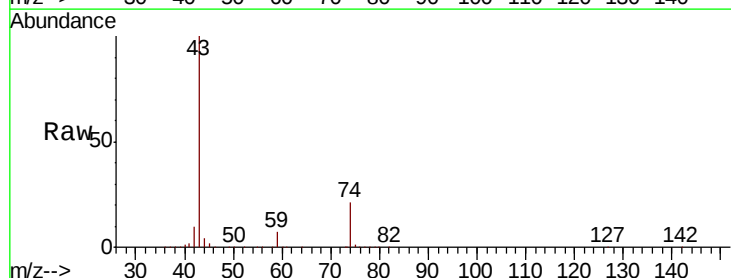
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

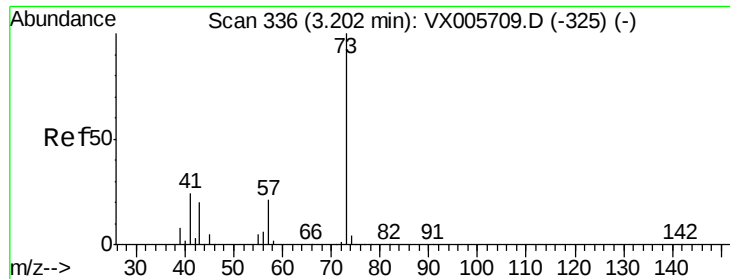
Tgt Ion: 76 Resp: 171220
Ion Ratio Lower Upper
76 100
78 10.4 7.3 10.9



#18
Methyl Acetate
Concen: 50.604 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX005742.D
Acq: 01 Nov 2018 20:59

Tgt Ion: 43 Resp: 126059
Ion Ratio Lower Upper
43 100
74 21.6 16.8 25.2

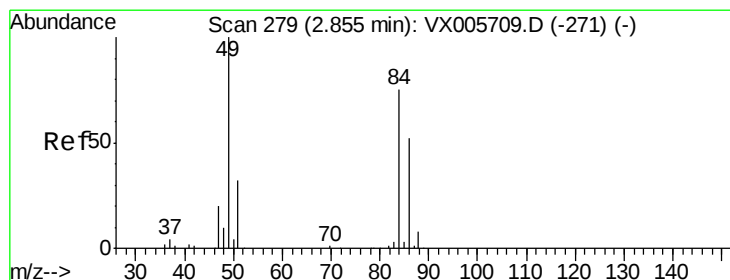
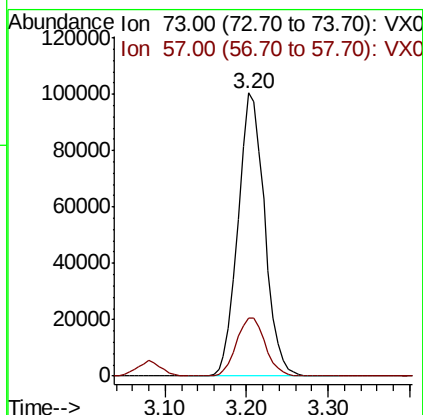
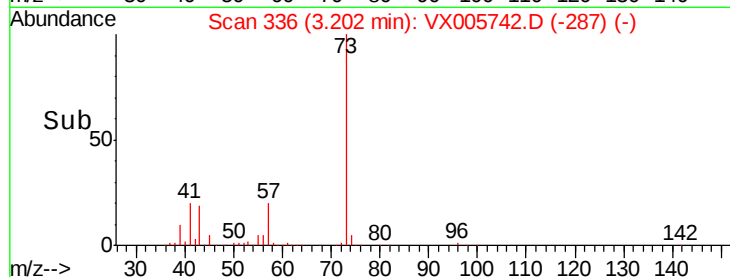
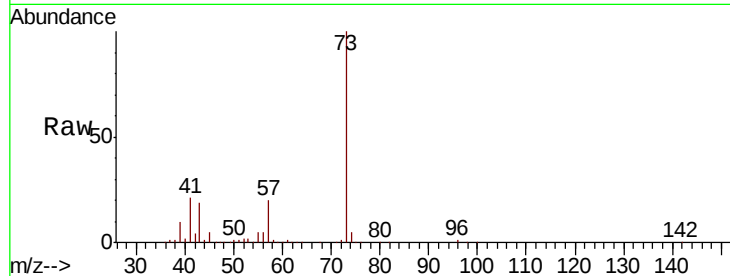




#19
Methyl tert-butyl Ether
Concen: 51.235 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX005742.D
Acq: 01 Nov 2018 20:59

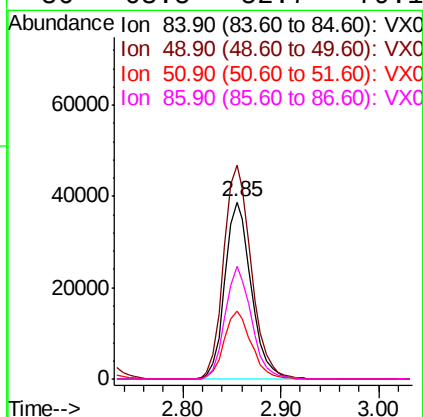
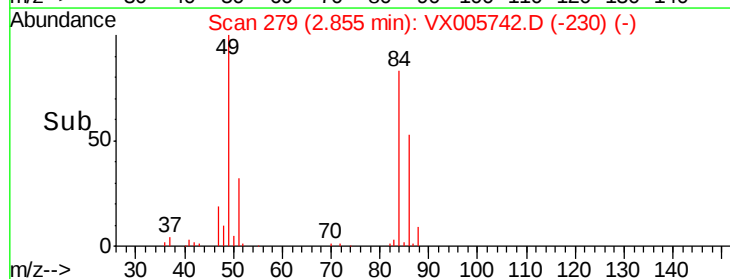
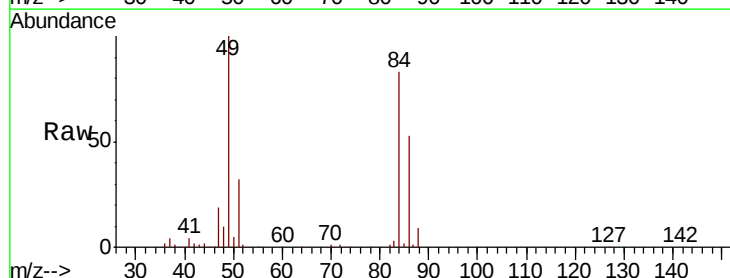
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

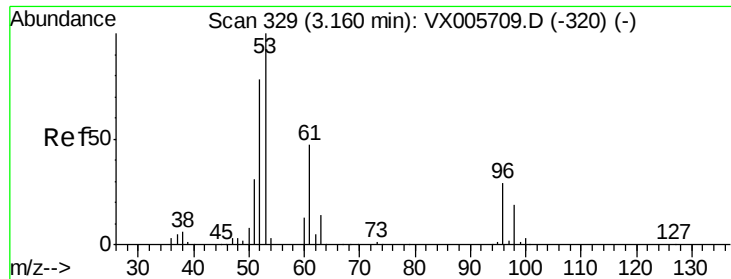
Tgt Ion: 73 Resp: 226781
Ion Ratio Lower Upper
73 100
57 20.4 18.8 28.2



#20
Methylene Chloride
Concen: 48.372 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX005742.D
Acq: 01 Nov 2018 20:59

Tgt Ion: 84 Resp: 72405
Ion Ratio Lower Upper
84 100
49 120.6 109.5 164.3
51 38.4 33.3 49.9
86 63.5 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 46.420 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX005742.D

Acq: 01 Nov 2018 20:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

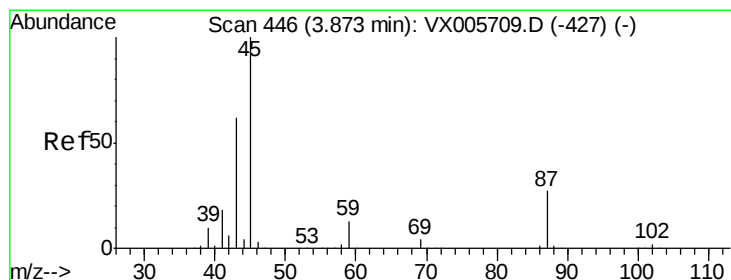
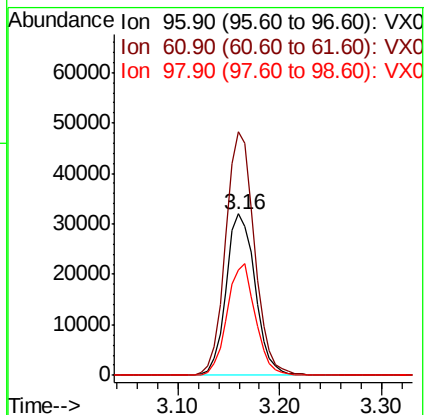
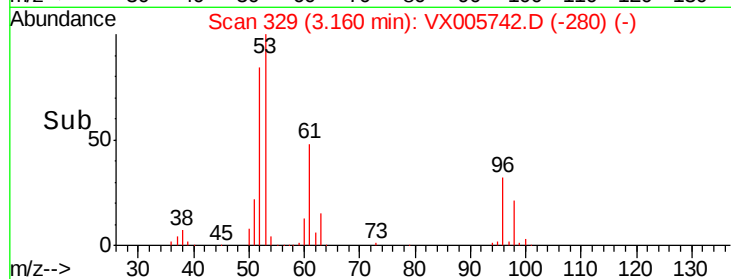
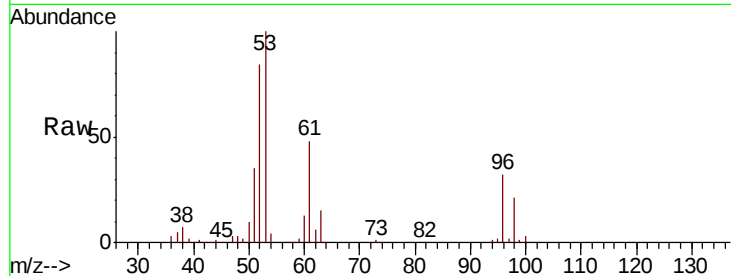
Tgt Ion: 96 Resp: 62811

Ion Ratio Lower Upper

96 100

61 151.1 115.6 173.4

98 65.5 50.2 75.2



#22

Diisopropyl ether

Concen: 49.569 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX005742.D

Acq: 01 Nov 2018 20:59

Tgt Ion: 45 Resp: 243132

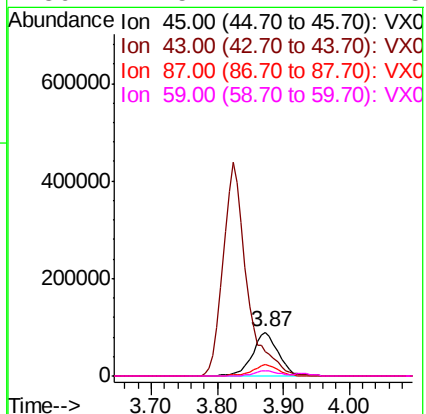
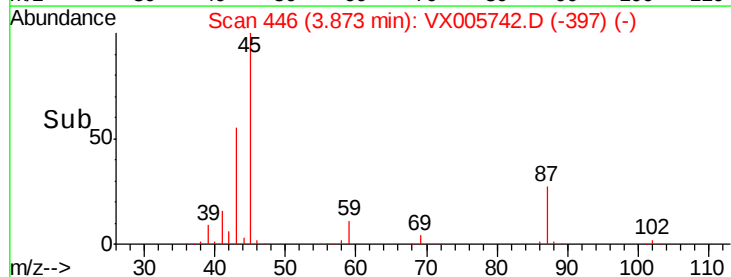
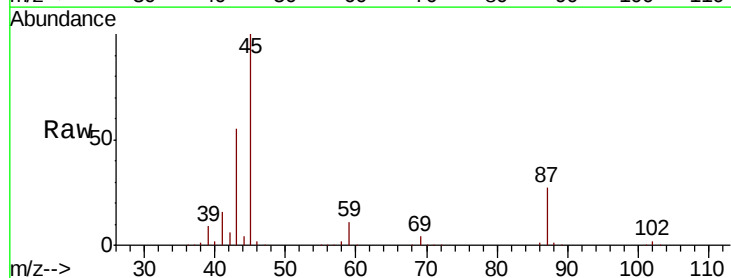
Ion Ratio Lower Upper

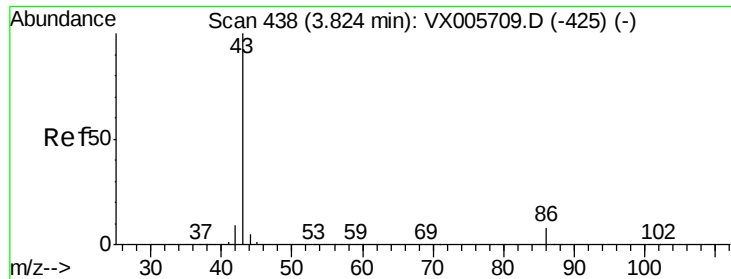
45 100

43 55.2 47.4 71.2

87 26.6 15.9 23.9#

59 11.5 7.7 11.5

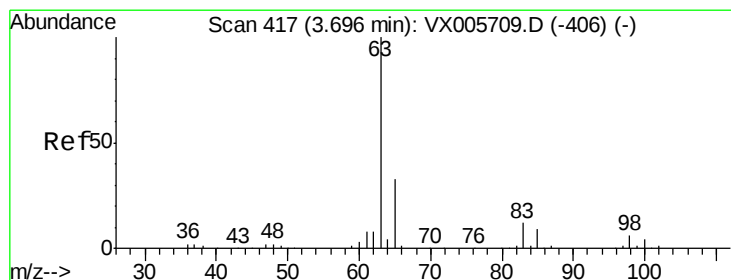
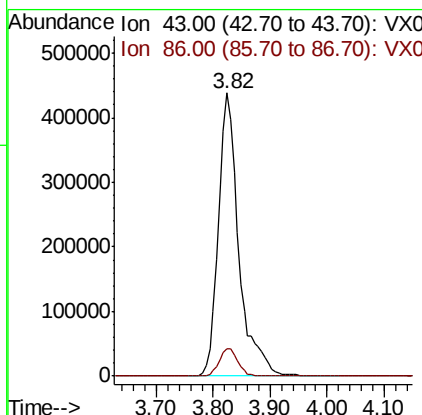
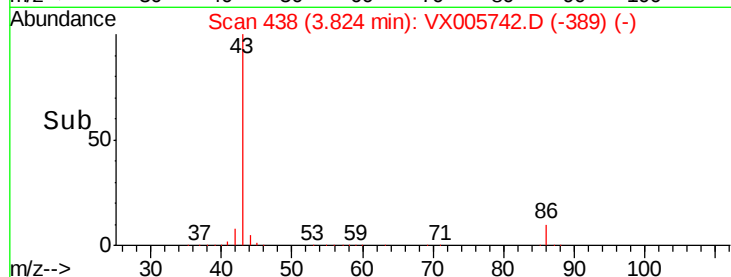
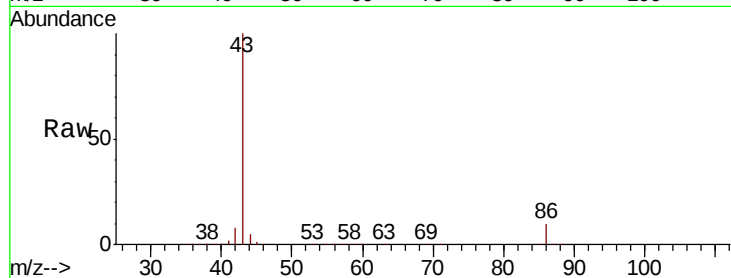




#23
 Vinyl Acetate
 Concen: 255.407 ug/l
 RT: 3.82 min Scan# 438
 Delta R.T. -0.00 min
 Lab File: VX005742.D
 Acq: 01 Nov 2018 20:59

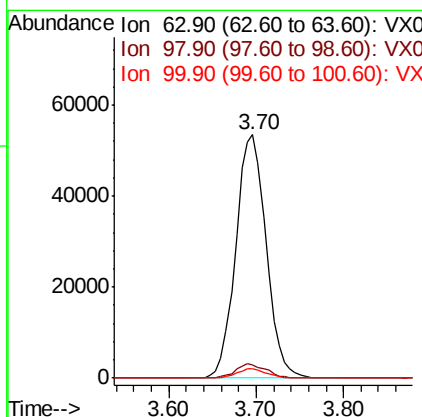
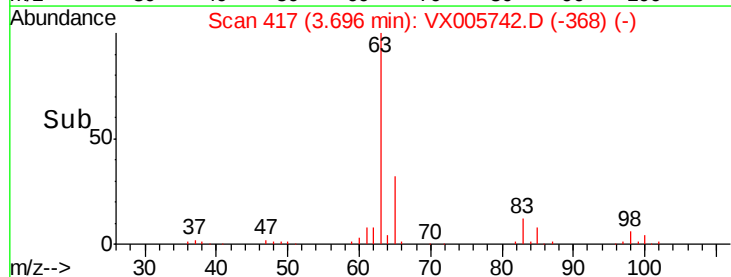
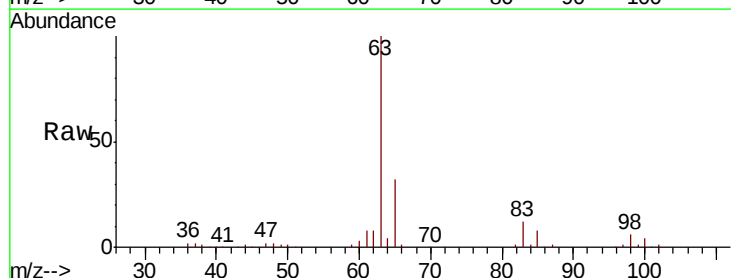
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

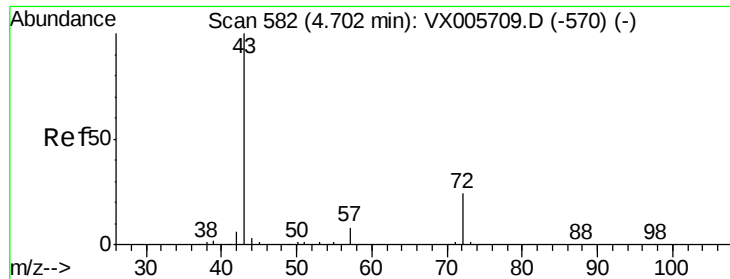
Tgt Ion: 43 Resp: 1091164
 Ion Ratio Lower Upper
 43 100
 86 9.6 7.4 11.2



#24
 1,1-Dichloroethane
 Concen: 46.404 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. -0.00 min
 Lab File: VX005742.D
 Acq: 01 Nov 2018 20:59

Tgt Ion: 63 Resp: 128702
 Ion Ratio Lower Upper
 63 100
 98 5.5 3.2 9.6
 100 3.6 2.1 6.2





#25

2-Butanone

Concen: 243.629 ug/l

RT: 4.71 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX005742.D

Acq: 01 Nov 2018 20:59

Instrument :

MSVOA_X

ClientSampleId :

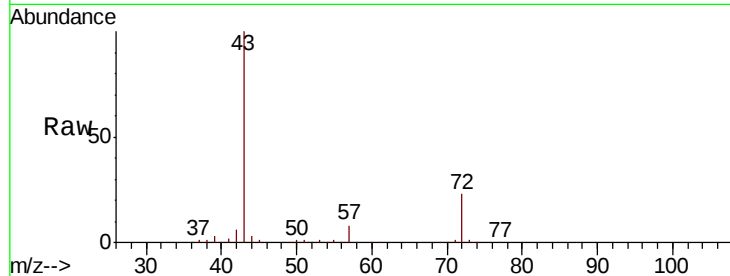
VSTDCCC050EC

Tgt Ion: 43 Resp: 356732

Ion Ratio Lower Upper

43 100

72 23.0 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

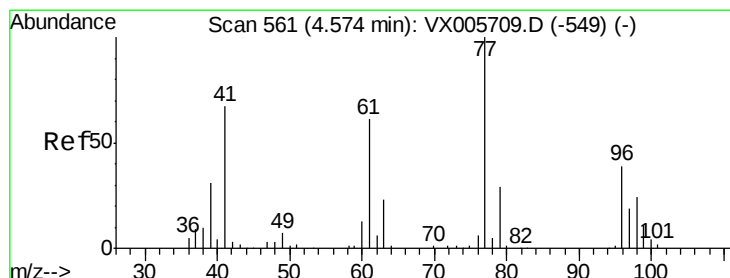
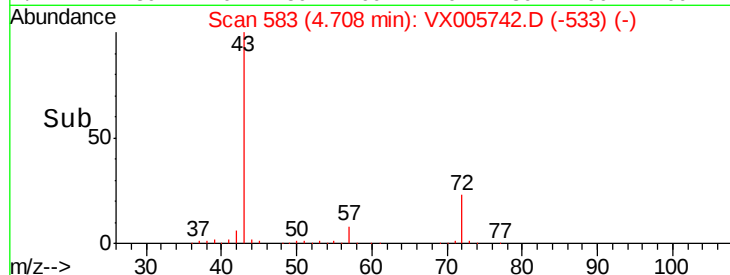
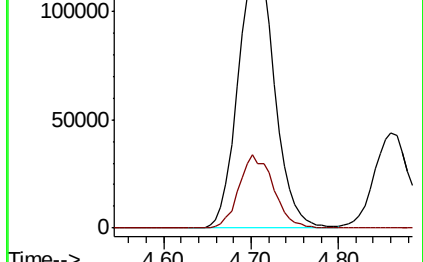
Ion 72.00 (71.70 to 72.70): VX0

150000

100000

50000

0



#26

2,2-Dichloropropane

Concen: 38.330 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.01 min

Lab File: VX005742.D

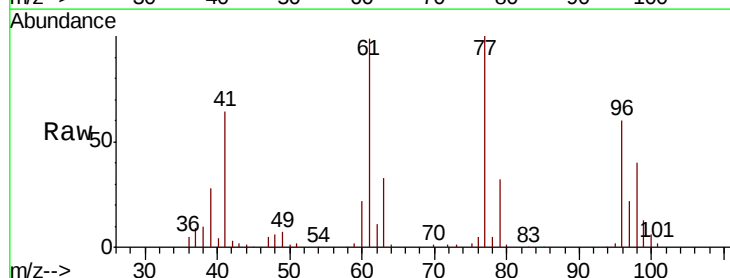
Acq: 01 Nov 2018 20:59

Tgt Ion: 77 Resp: 79469

Ion Ratio Lower Upper

77 100

97 23.6 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

30000

25000

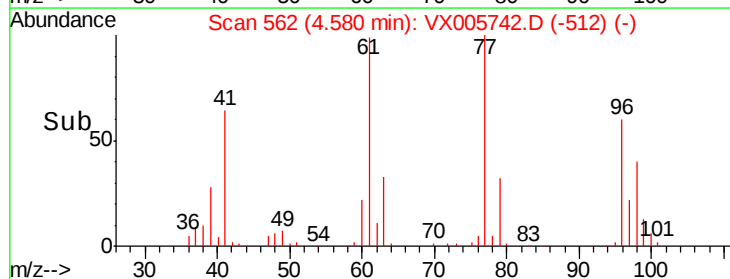
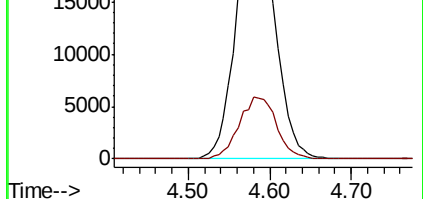
20000

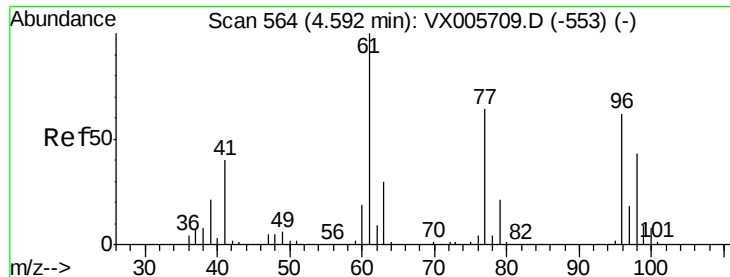
15000

10000

5000

0



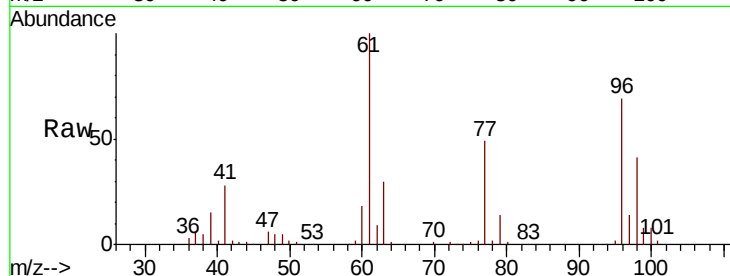


#27

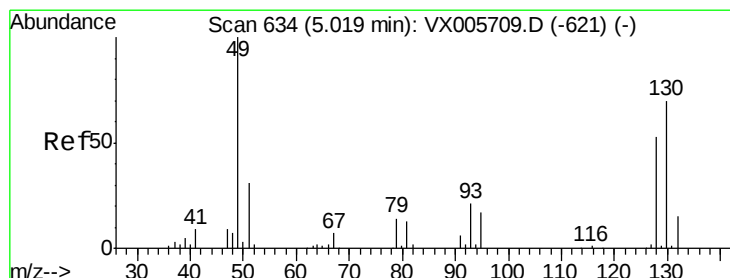
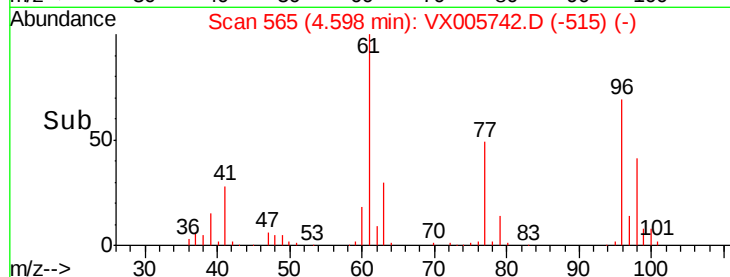
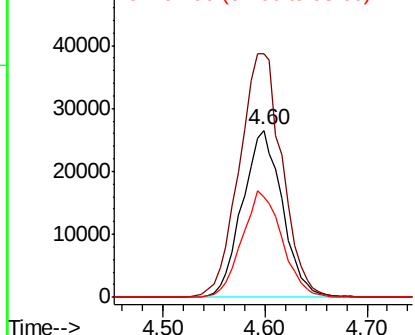
cis-1,2-Dichloroethene
 Concen: 47.613 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: VX005742.D
 Acq: 01 Nov 2018 20:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 72393
 Ion Ratio Lower Upper
 96 100
 61 156.9 0.0 304.6
 98 63.9 0.0 127.4



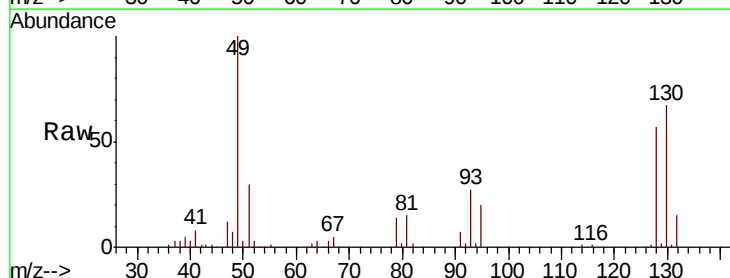
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



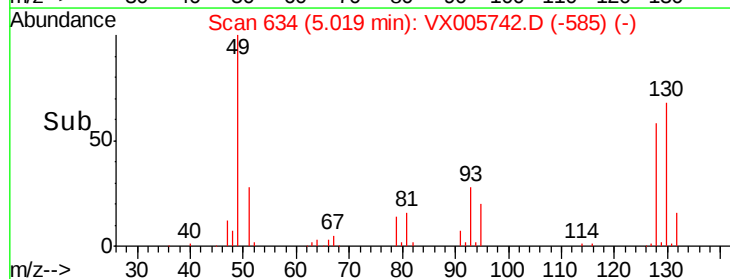
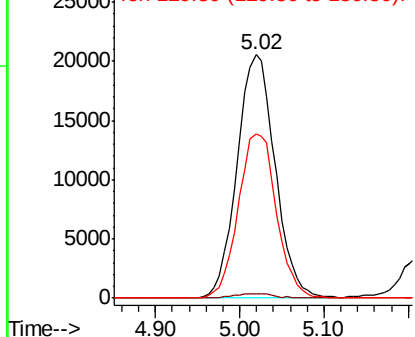
#28

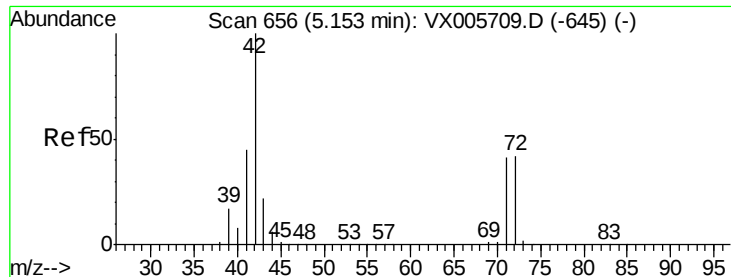
Bromochloromethane
 Concen: 46.575 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: VX005742.D
 Acq: 01 Nov 2018 20:59

Tgt Ion: 49 Resp: 63021
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.0
 130 67.4 58.9 88.3



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: 253.962 ug/l

RT: 5.16 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX005742.D

Acq: 01 Nov 2018 20:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

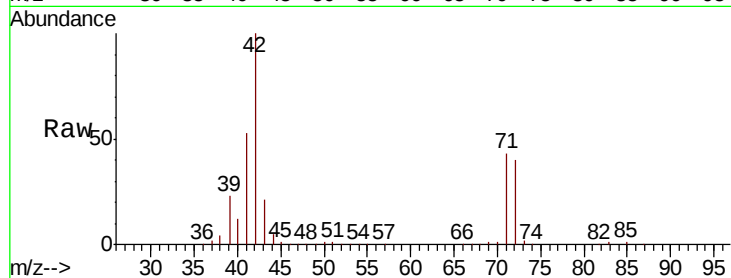
Tgt Ion: 42 Resp: 226971

Ion Ratio Lower Upper

42 100

72 43.4 32.0 48.0

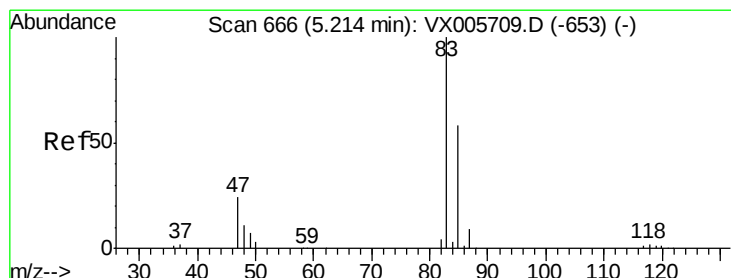
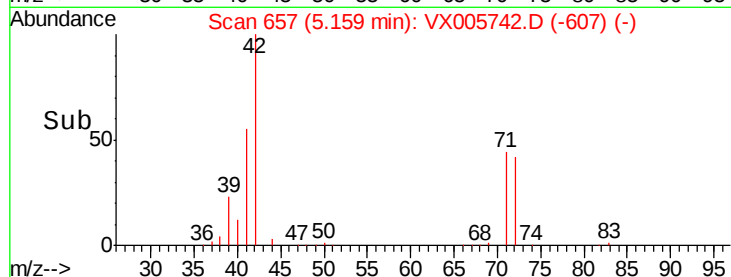
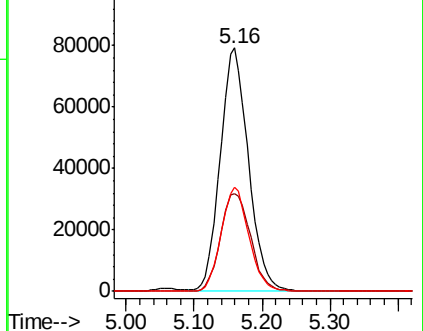
71 42.3 29.8 44.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 48.322 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX005742.D

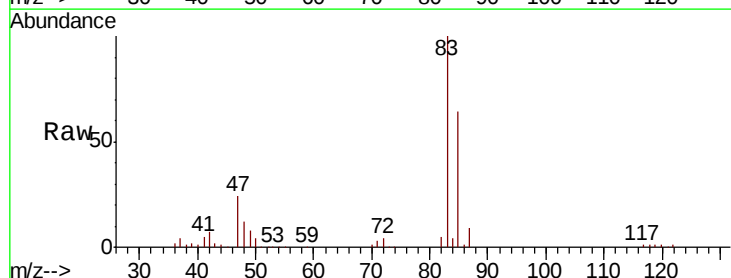
Acq: 01 Nov 2018 20:59

Tgt Ion: 83 Resp: 131033

Ion Ratio Lower Upper

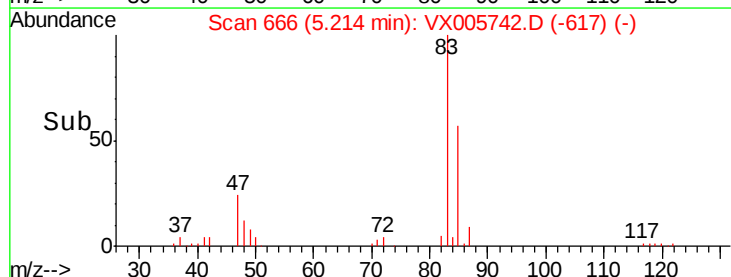
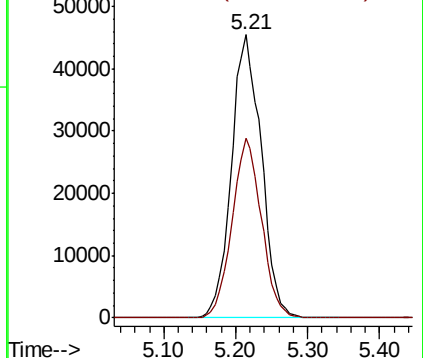
83 100

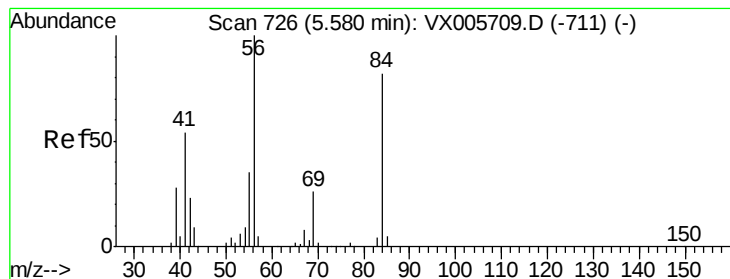
85 63.6 50.6 76.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 47.760 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX005742.D

Acq: 01 Nov 2018 20:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

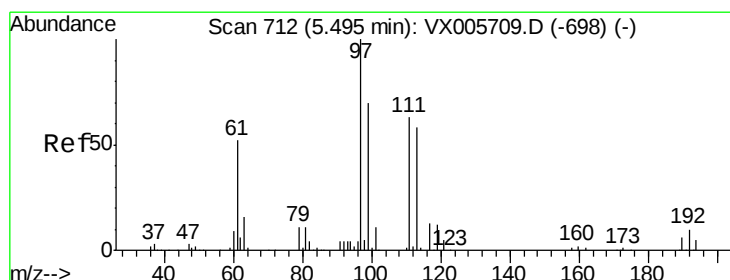
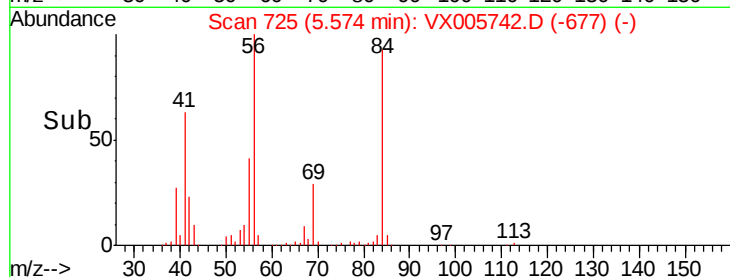
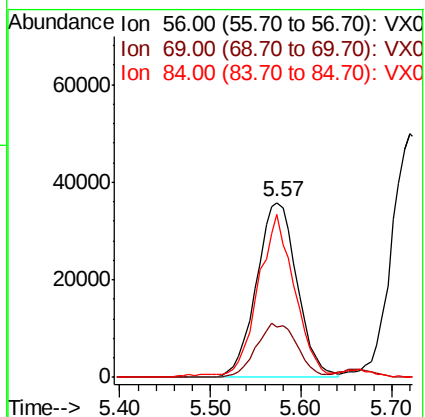
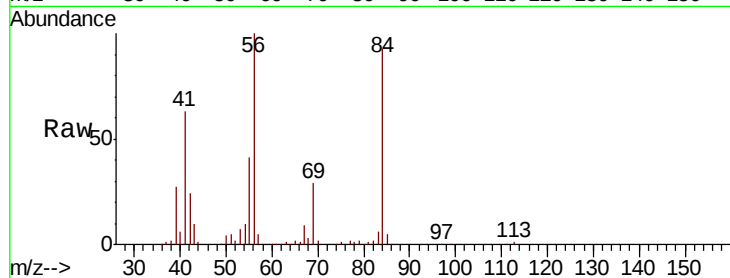
Tgt Ion: 56 Resp: 110769

Ion Ratio Lower Upper

56 100

69 28.9 22.6 34.0

84 91.8 62.7 94.1



#32

1,1,1-Trichloroethane

Concen: 47.765 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX005742.D

Acq: 01 Nov 2018 20:59

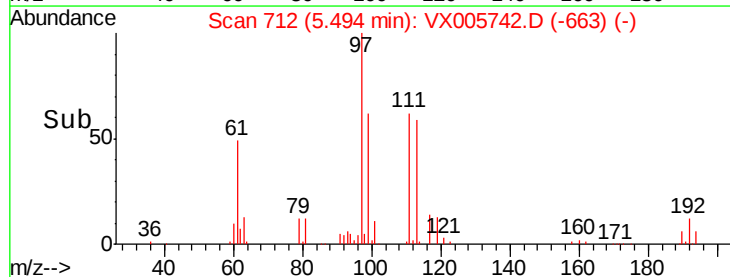
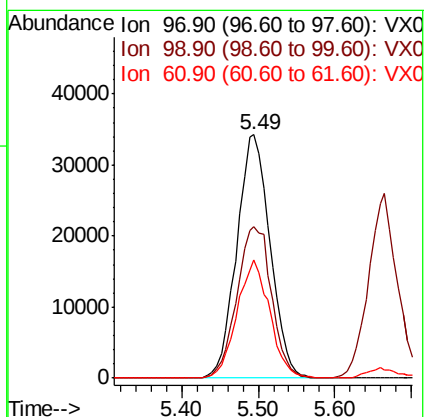
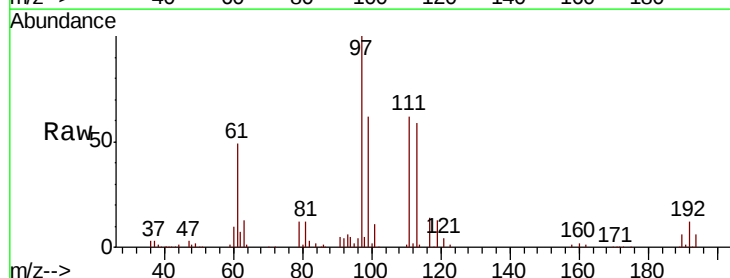
Tgt Ion: 97 Resp: 103658

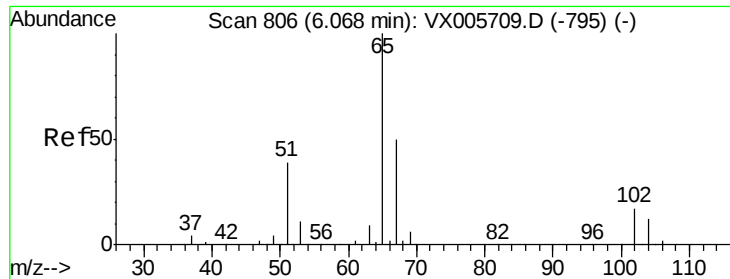
Ion Ratio Lower Upper

97 100

99 64.7 52.3 78.5

61 47.7 35.2 52.8

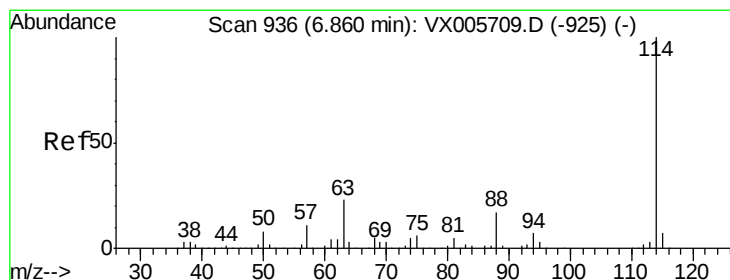
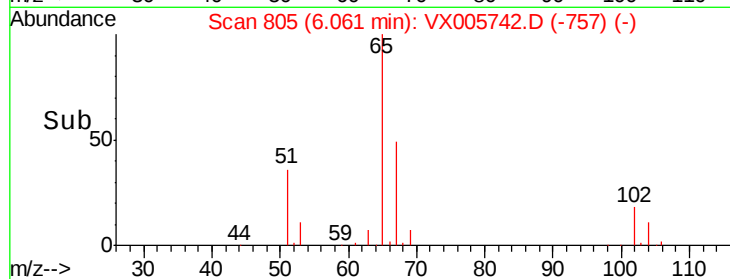
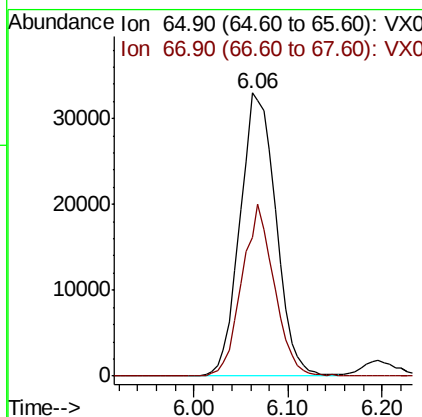
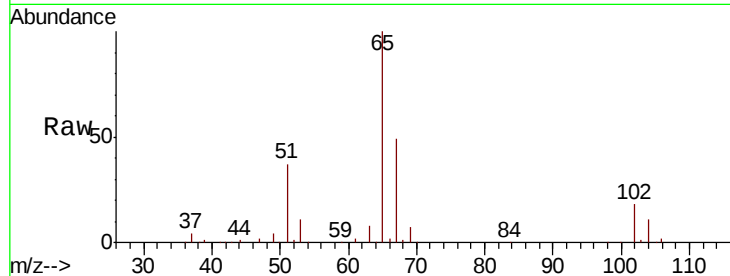




#33
 1,2-Dichloroethane-d4
 Concen: 50.570 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX005742.D
 Acq: 01 Nov 2018 20:59

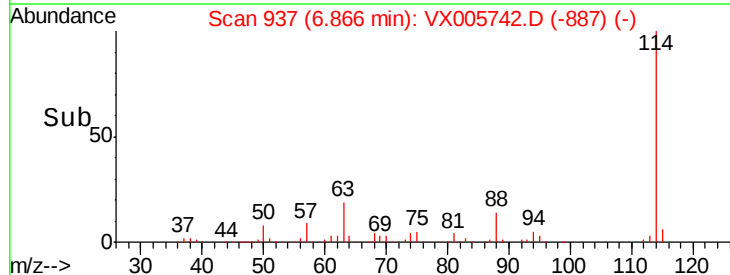
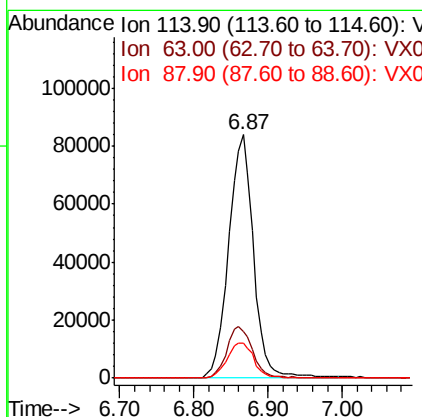
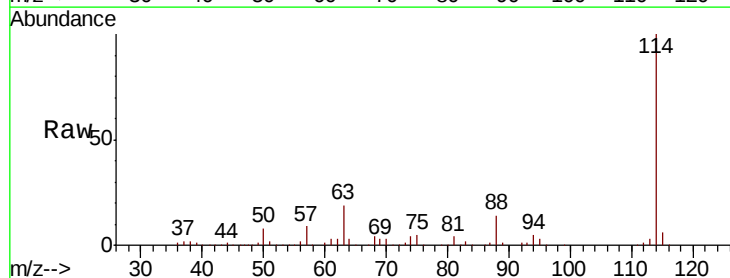
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

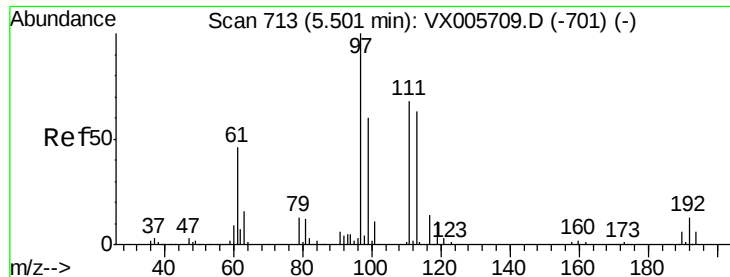
Tgt Ion: 65 Resp: 87779
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 937
 Delta R.T. 0.01 min
 Lab File: VX005742.D
 Acq: 01 Nov 2018 20:59

Tgt Ion: 114 Resp: 196662
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 42.8
 88 14.2 0.0 31.2





#35

Dibromofluoromethane

Concen: 50.297 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX005742.D

Acq: 01 Nov 2018 20:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

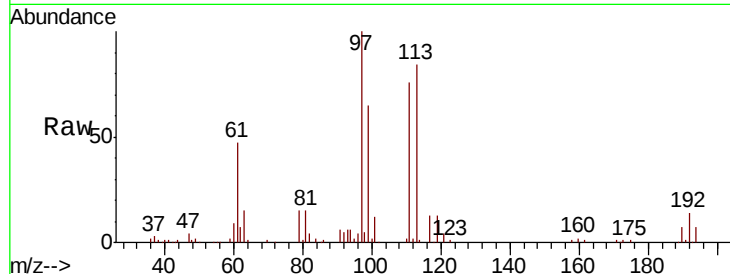
Tgt Ion:113 Resp: 68490

Ion Ratio Lower Upper

113 100

111 97.9 82.3 123.5

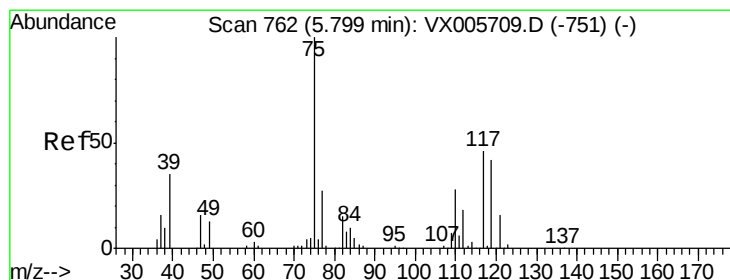
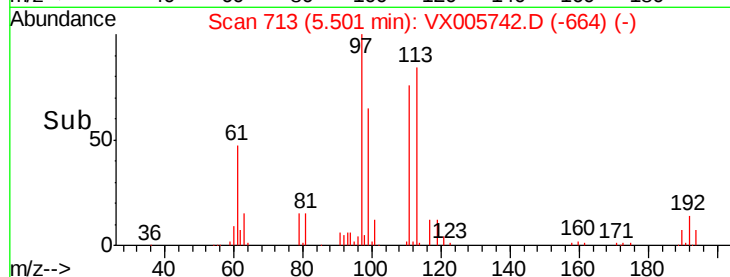
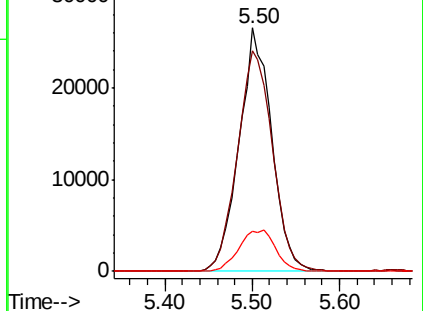
192 19.1 17.9 26.9



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 45.897 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX005742.D

Acq: 01 Nov 2018 20:59

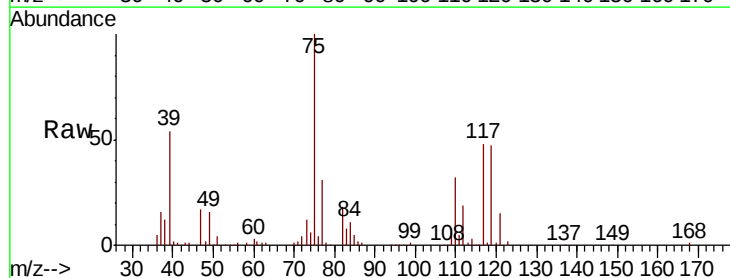
Tgt Ion: 75 Resp: 96168

Ion Ratio Lower Upper

75 100

110 35.1 17.4 52.2

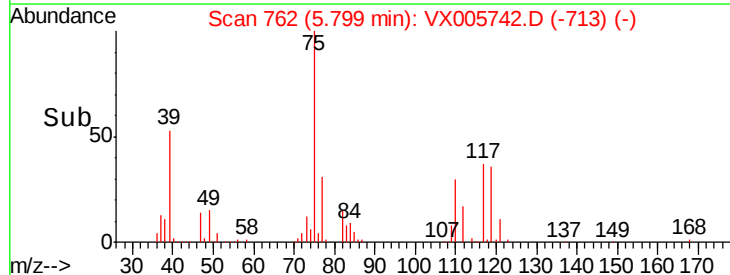
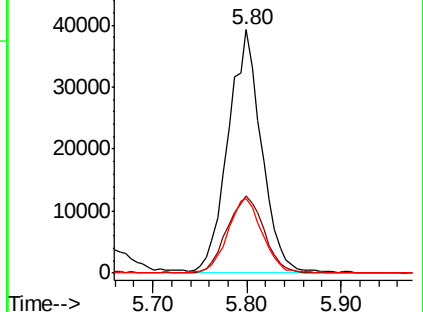
77 31.4 25.8 38.6

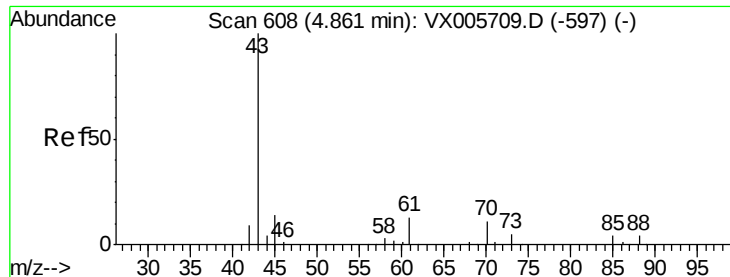


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

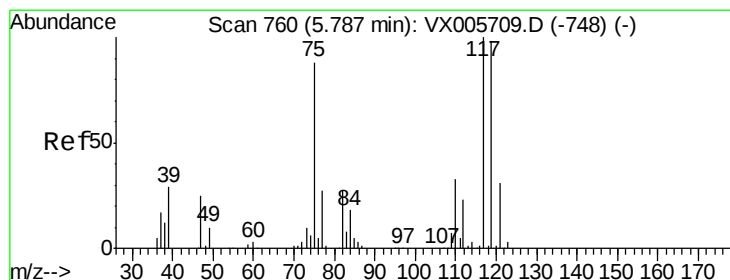
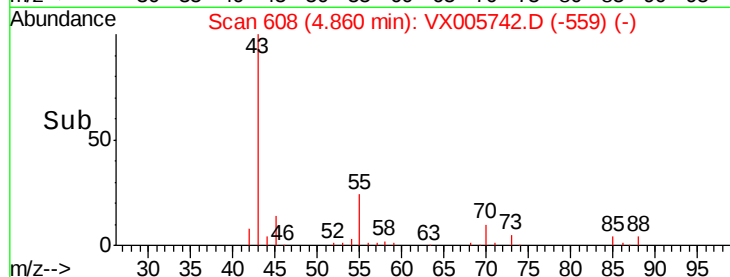
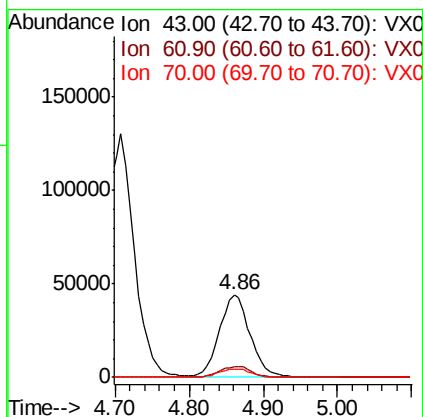
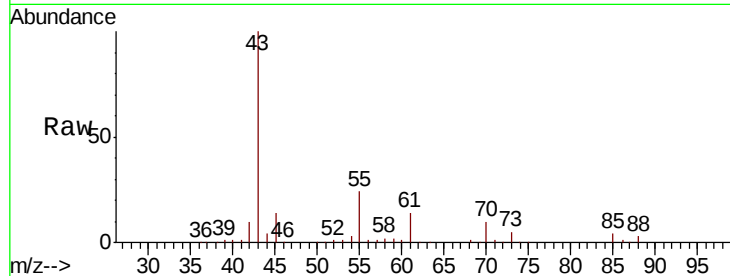




#37
Ethyl Acetate
Concen: 47.233 ug/l
RT: 4.86 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX005742.D
Acq: 01 Nov 2018 20:59

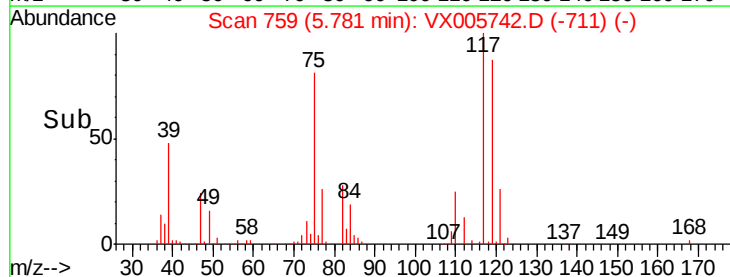
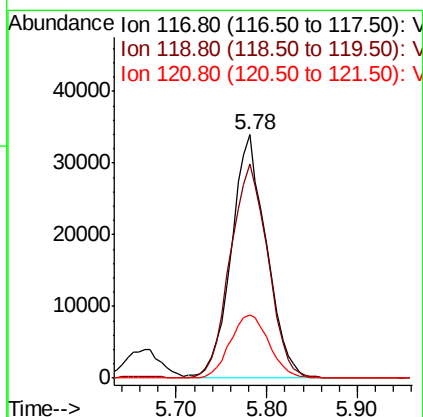
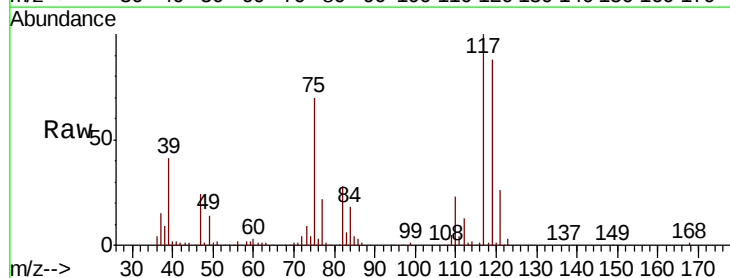
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

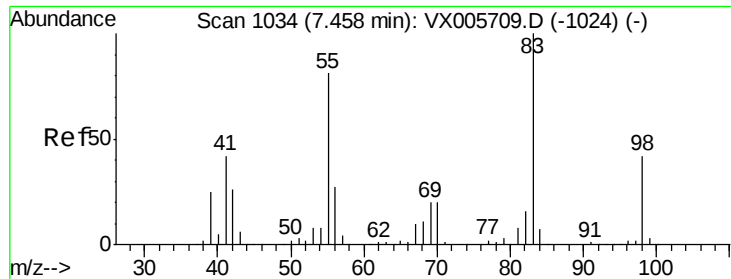
Tgt Ion: 43 Resp: 126259
Ion Ratio Lower Upper
43 100
61 14.3 10.8 16.2
70 10.7 7.8 11.8



#38
Carbon Tetrachloride
Concen: 48.145 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX005742.D
Acq: 01 Nov 2018 20:59

Tgt Ion: 117 Resp: 91140
Ion Ratio Lower Upper
117 100
119 87.7 78.1 117.1
121 25.7 24.6 36.8

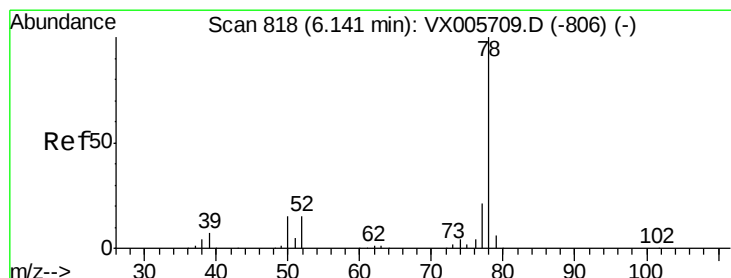
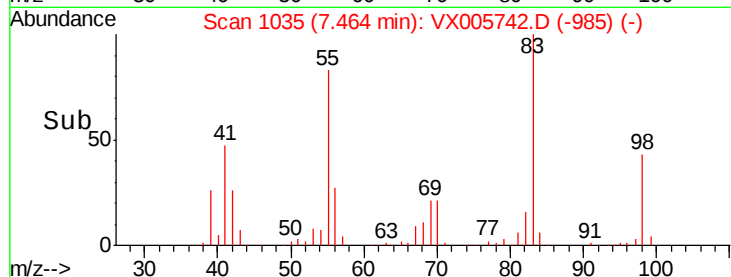
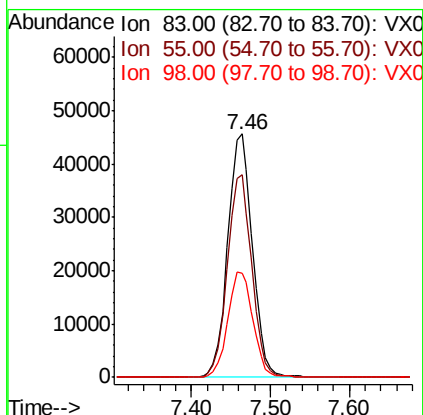
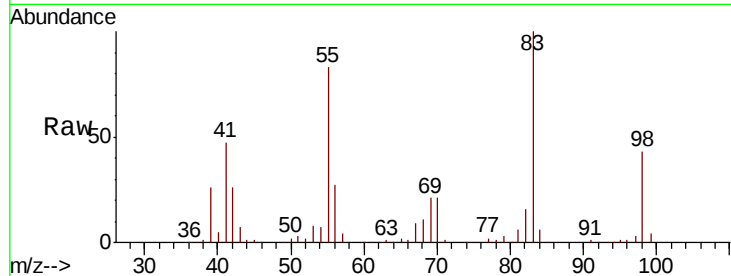




#39
Methylcyclohexane
Concen: 45.482 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX005742.D
Acq: 01 Nov 2018 20:59

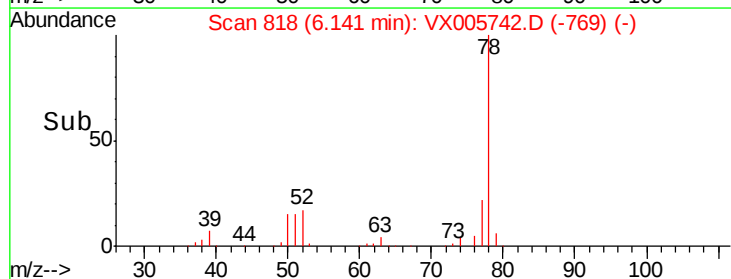
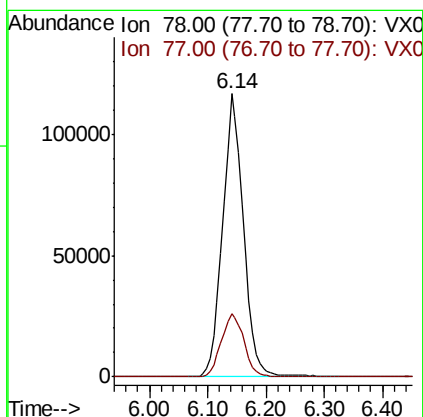
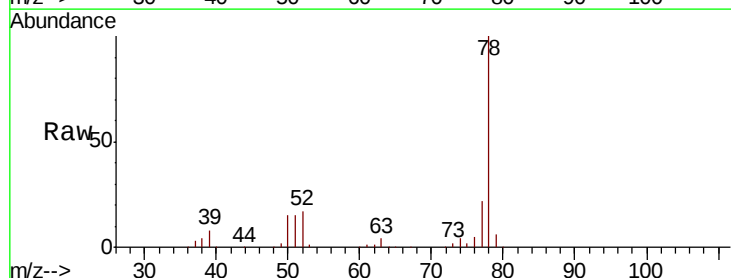
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

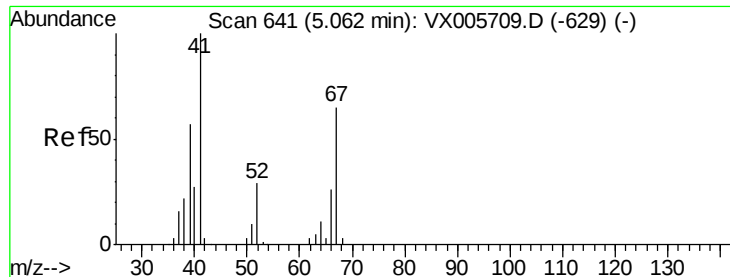
Tgt Ion: 83 Resp: 99387
Ion Ratio Lower Upper
83 100
55 83.4 63.7 95.5
98 42.9 36.2 54.2



#40
Benzene
Concen: 46.617 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX005742.D
Acq: 01 Nov 2018 20:59

Tgt Ion: 78 Resp: 290588
Ion Ratio Lower Upper
78 100
77 22.4 18.4 27.6





#41

Methacrylonitrile

Concen: 46.953 ug/l

RT: 5.06 min Scan# 641

Delta R.T. -0.00 min

Lab File: VX005742.D

Acq: 01 Nov 2018 20:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 41 Resp: 67817

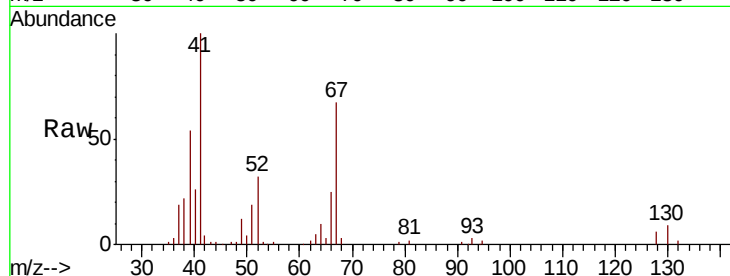
Ion Ratio Lower Upper

41 100

39 54.7 42.2 63.2

67 71.1 53.4 80.0

52 30.8 23.4 35.2

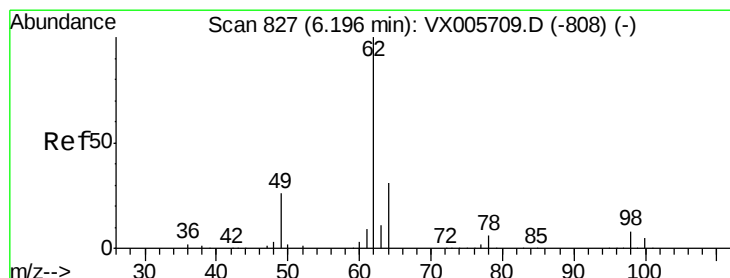
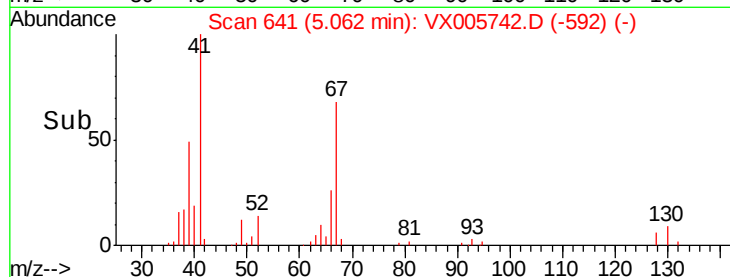
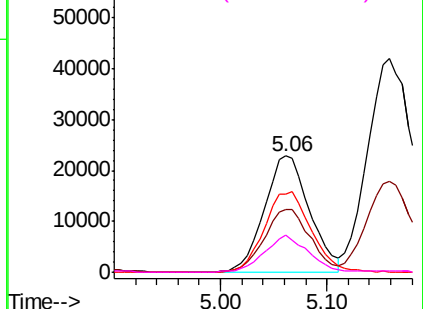


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 46.512 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX005742.D

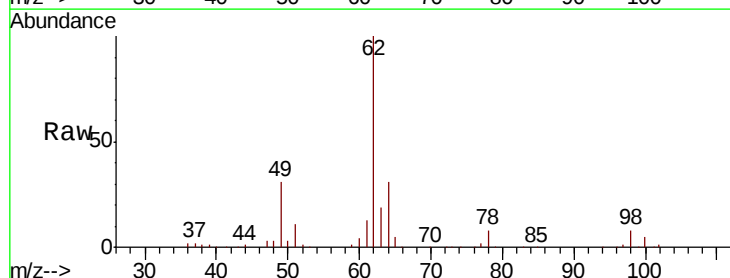
Acq: 01 Nov 2018 20:59

Tgt Ion: 62 Resp: 107167

Ion Ratio Lower Upper

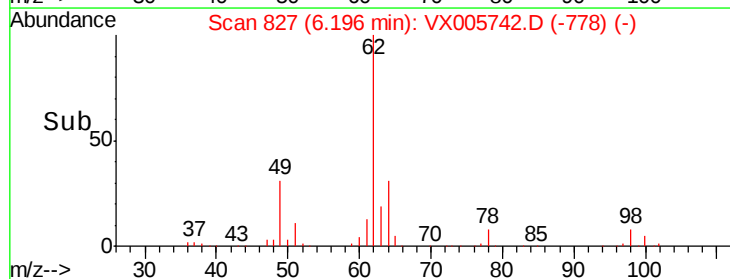
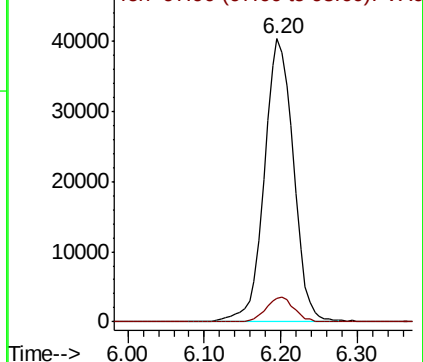
62 100

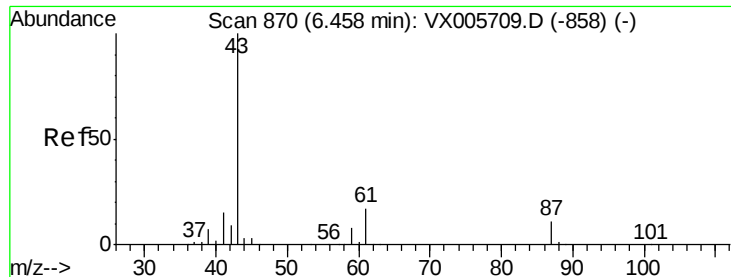
98 8.4 0.0 17.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



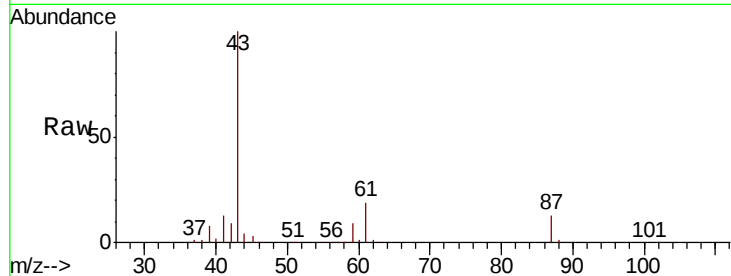


#43

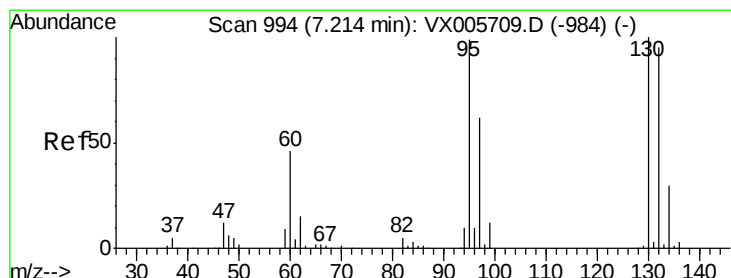
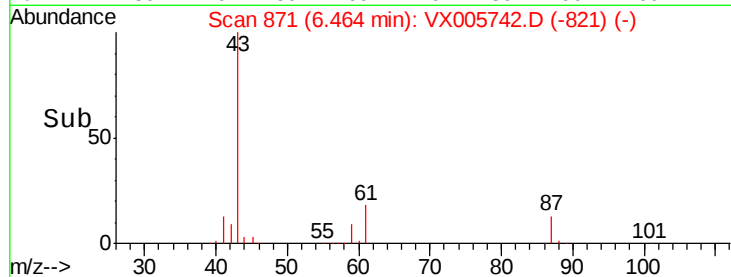
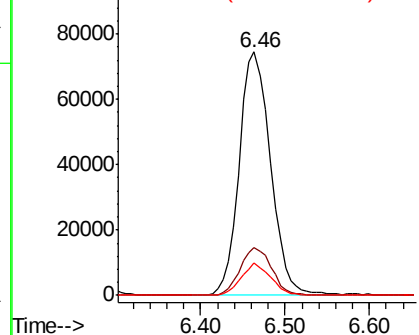
Isopropyl Acetate
 Concen: 48.067 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. 0.01 min
 Lab File: VX005742.D
 Acq: 01 Nov 2018 20:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 186491
 Ion Ratio Lower Upper
 43 100
 61 19.7 14.6 22.0
 87 12.5 9.6 14.4



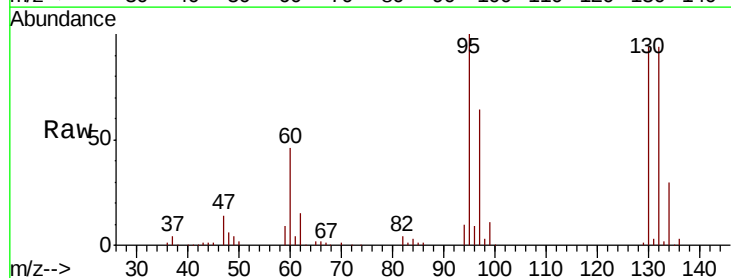
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



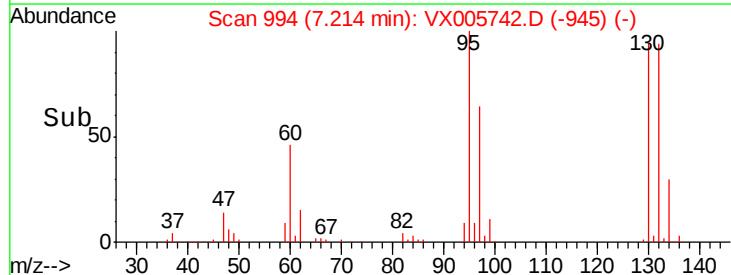
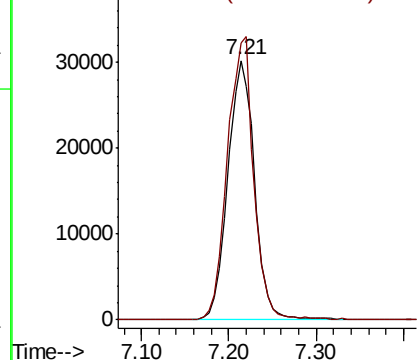
#44

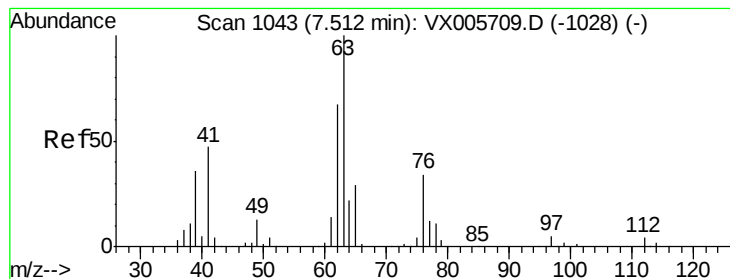
Trichloroethene
 Concen: 44.363 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX005742.D
 Acq: 01 Nov 2018 20:59

Tgt Ion: 130 Resp: 63957
 Ion Ratio Lower Upper
 130 100
 95 106.5 0.0 194.2



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 48.277 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VX005742.D

Acq: 01 Nov 2018 20:59

Instrument :

MSVOA_X

ClientSampleId :

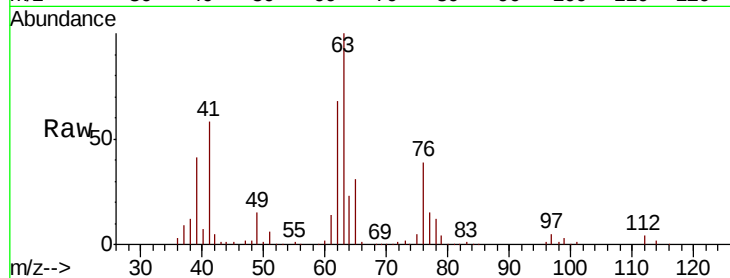
VSTDCCC050EC

Tgt Ion: 63 Resp: 77119

Ion Ratio Lower Upper

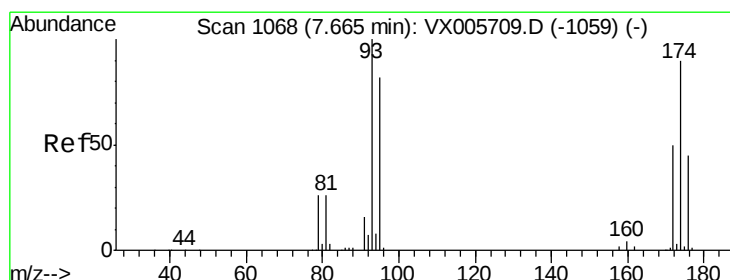
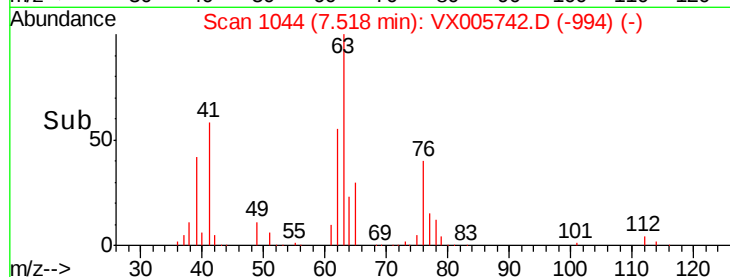
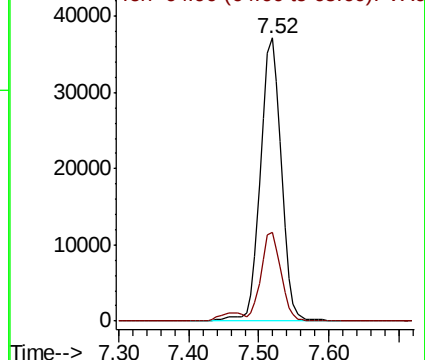
63 100

65 31.4 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 47.782 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. -0.00 min

Lab File: VX005742.D

Acq: 01 Nov 2018 20:59

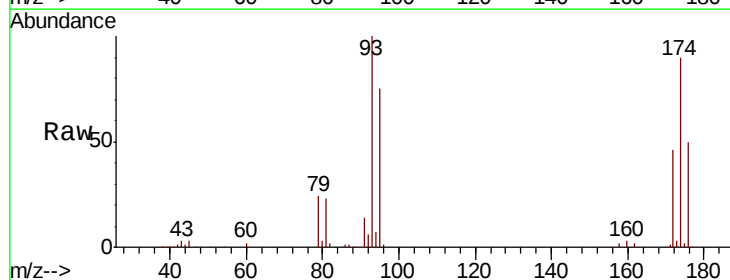
Tgt Ion: 93 Resp: 48780

Ion Ratio Lower Upper

93 100

95 81.6 67.4 101.0

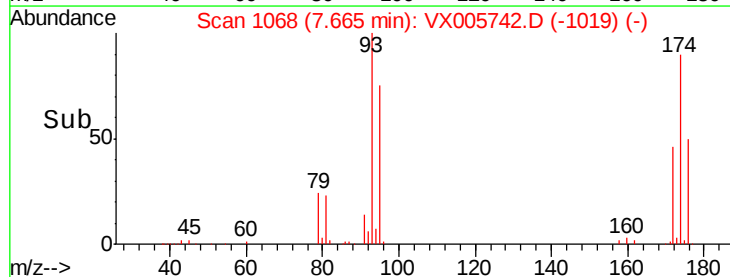
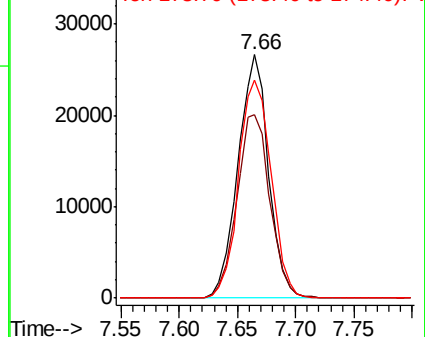
174 96.0 91.5 137.3

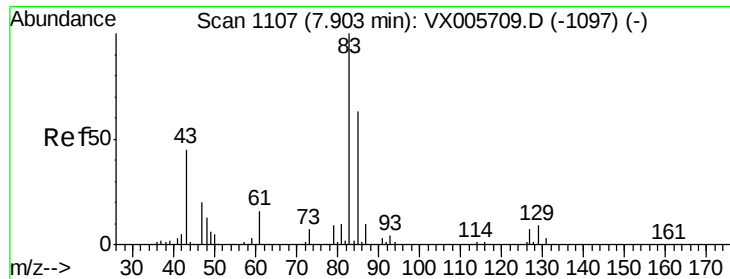


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 47.333 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. -0.00 min

Lab File: VX005742.D

Acq: 01 Nov 2018 20:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

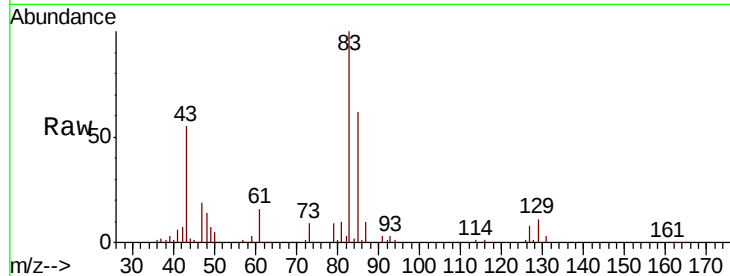
Tgt Ion: 83 Resp: 90639

Ion Ratio Lower Upper

83 100

85 62.2 50.2 75.4

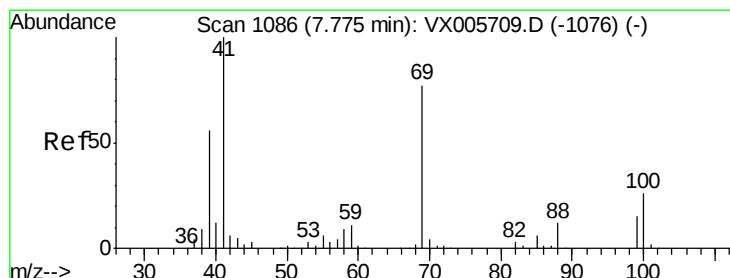
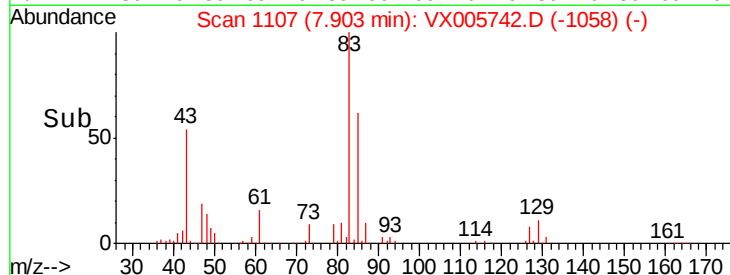
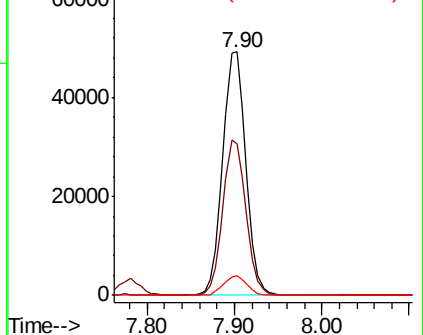
127 8.3 6.9 10.3



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: 48.790 ug/l

RT: 7.78 min Scan# 1087

Delta R.T. 0.01 min

Lab File: VX005742.D

Acq: 01 Nov 2018 20:59

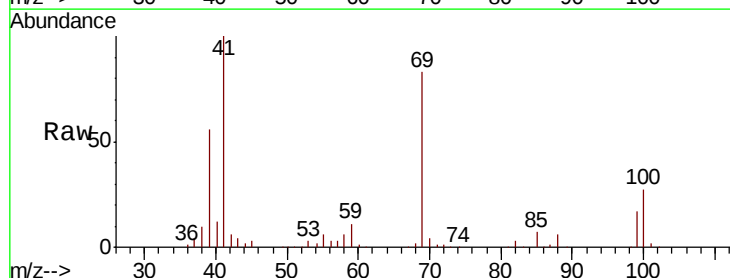
Tgt Ion: 41 Resp: 91619

Ion Ratio Lower Upper

41 100

69 83.0 63.2 94.8

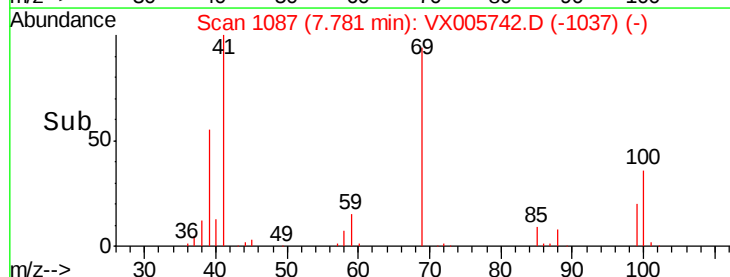
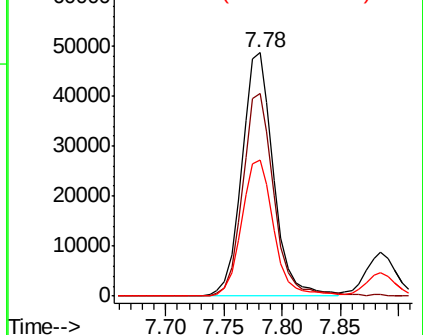
39 57.6 42.2 63.2

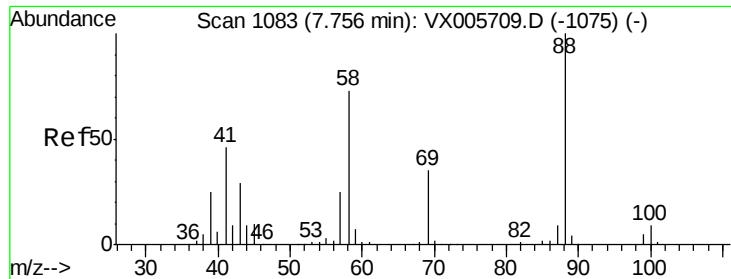


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

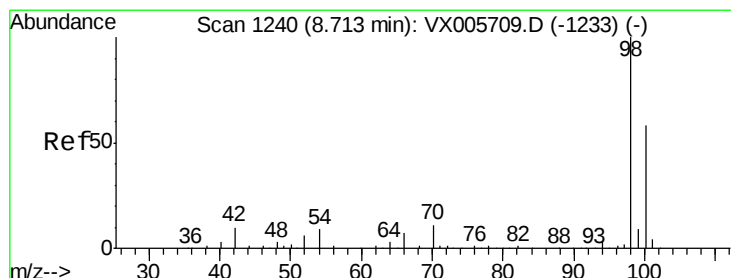
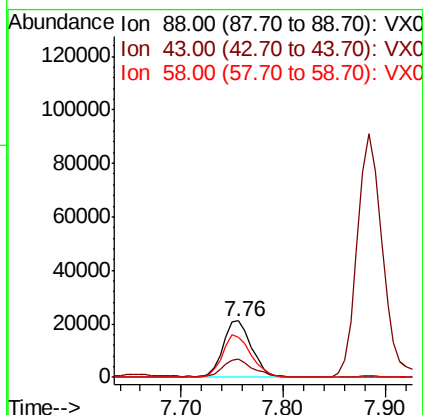
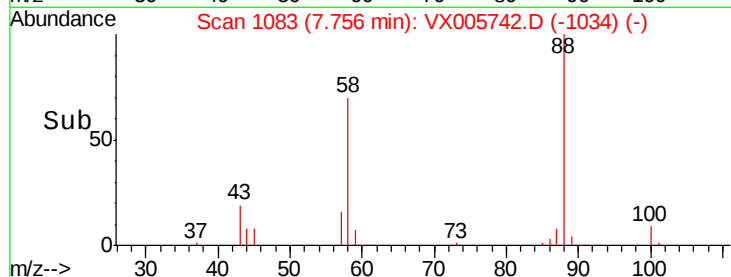
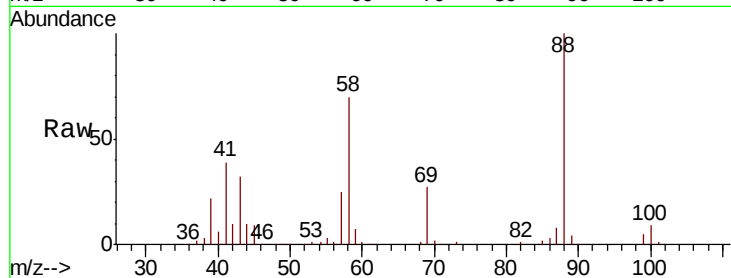




#49
1,4-Dioxane
Concen: 983.359 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. -0.00 min
Lab File: VX005742.D
Acq: 01 Nov 2018 20:59

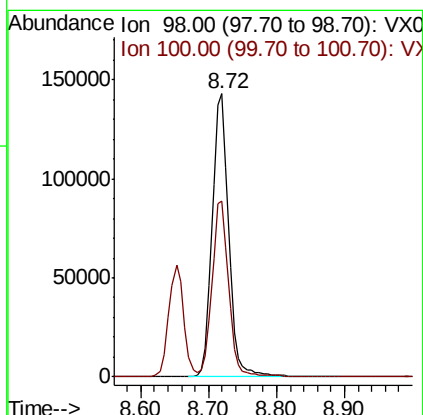
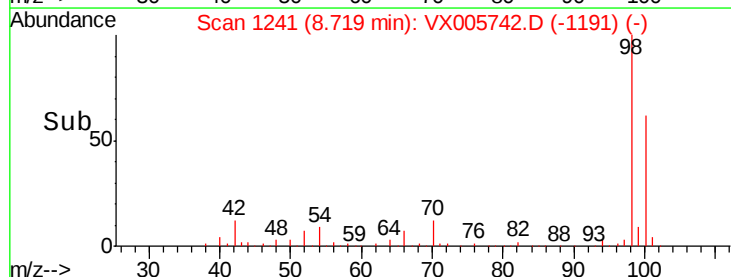
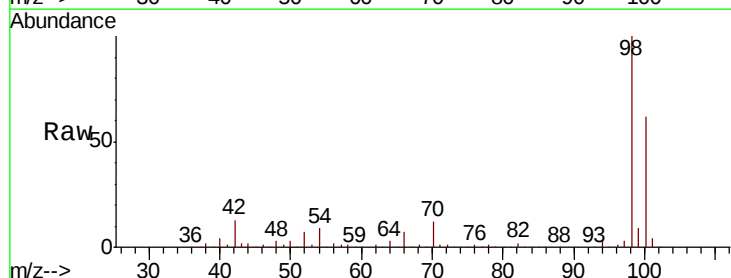
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

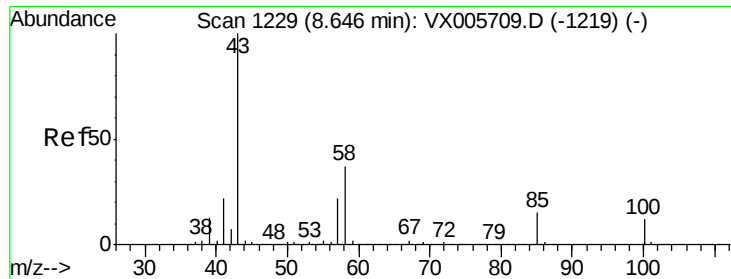
Tgt Ion: 88 Resp: 41119
Ion Ratio Lower Upper
88 100
43 33.8 27.4 41.0
58 75.2 59.4 89.2



#50
Toluene-d8
Concen: 50.262 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VX005742.D
Acq: 01 Nov 2018 20:59

Tgt Ion: 98 Resp: 240049
Ion Ratio Lower Upper
98 100
100 62.8 51.3 76.9

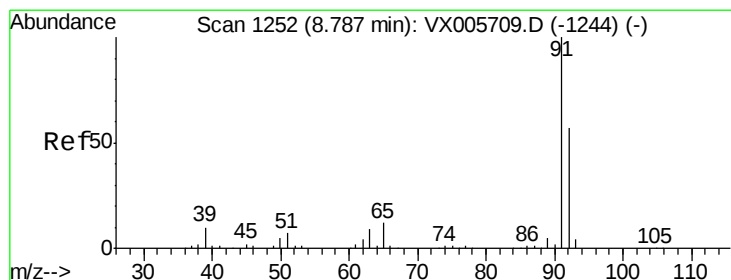
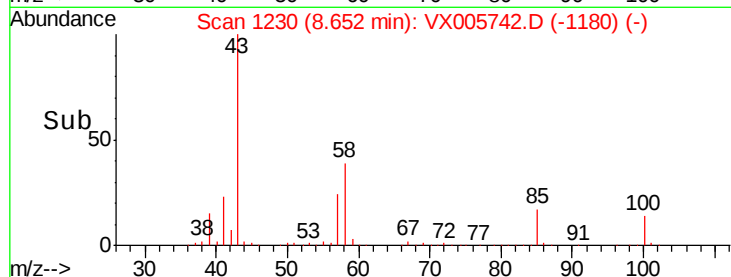
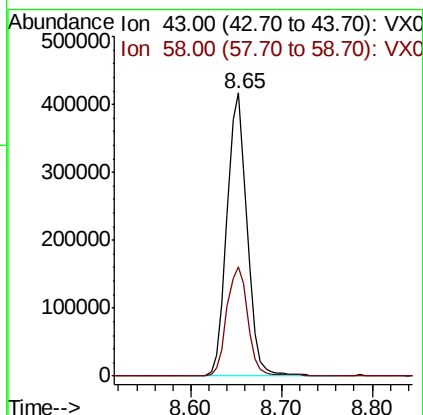
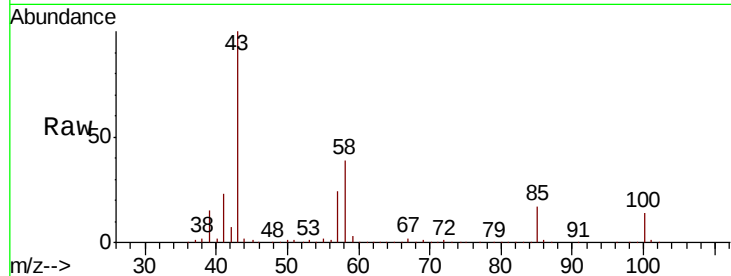




#51
 4-Methyl-2-Pentanone
 Concen: 243.836 ug/l
 RT: 8.65 min Scan# 1230
 Delta R.T. 0.01 min
 Lab File: VX005742.D
 Acq: 01 Nov 2018 20:59

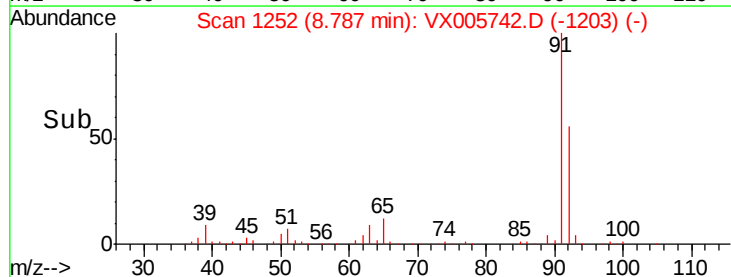
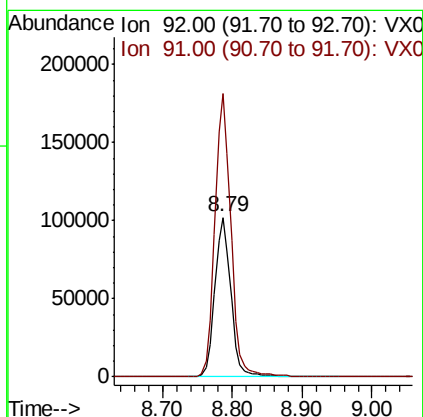
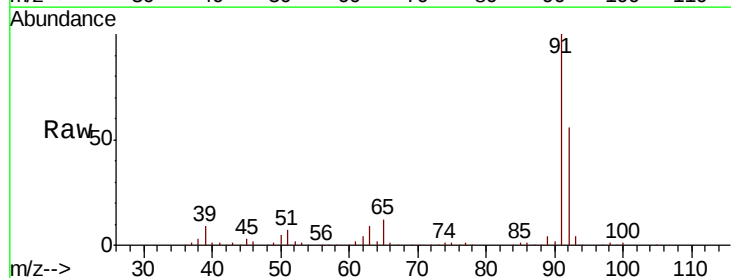
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

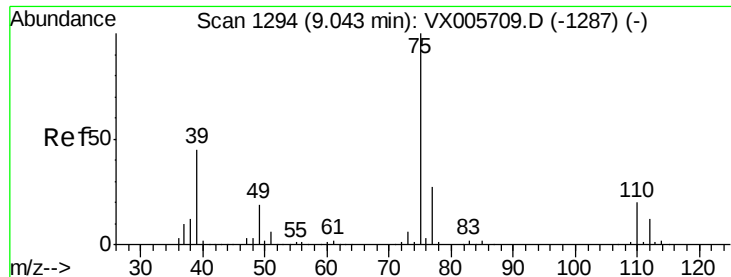
Tgt Ion: 43 Resp: 645074
 Ion Ratio Lower Upper
 43 100
 58 40.1 29.7 44.5



#52
 Toluene
 Concen: 48.395 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: VX005742.D
 Acq: 01 Nov 2018 20:59

Tgt Ion: 92 Resp: 163169
 Ion Ratio Lower Upper
 92 100
 91 177.5 140.4 210.6

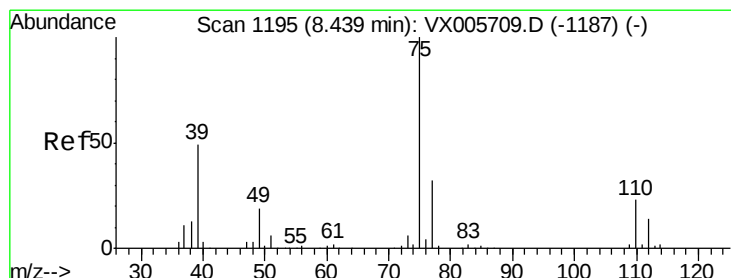
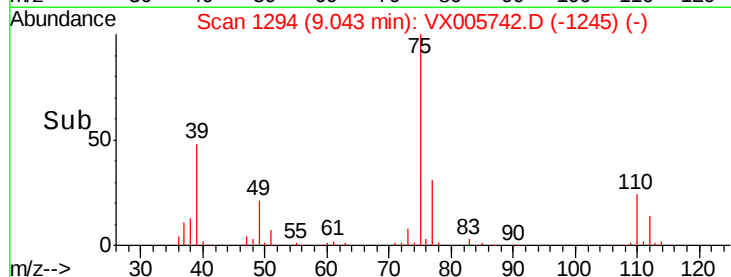
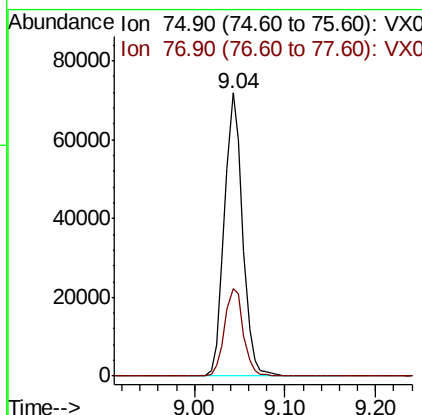
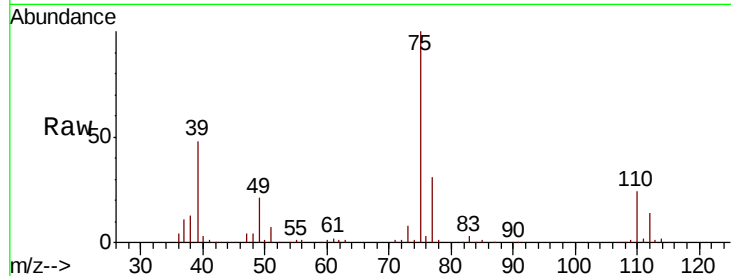




#53
 t-1,3-Dichloropropene
 Concen: 48.598 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX005742.D
 Acq: 01 Nov 2018 20:59

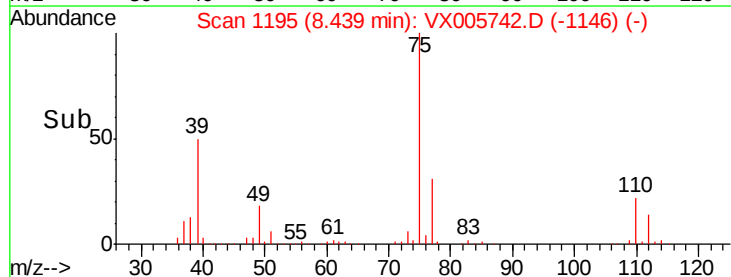
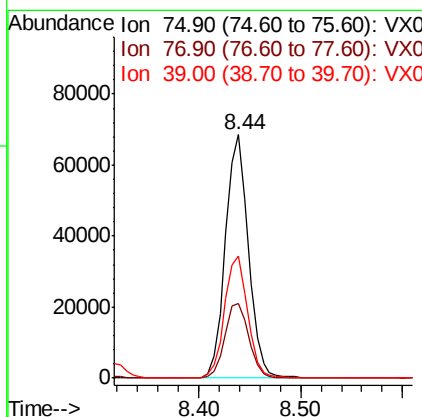
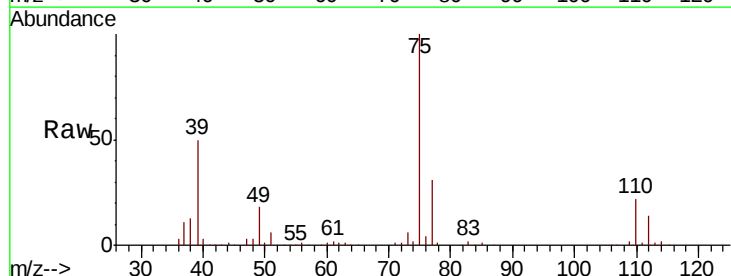
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

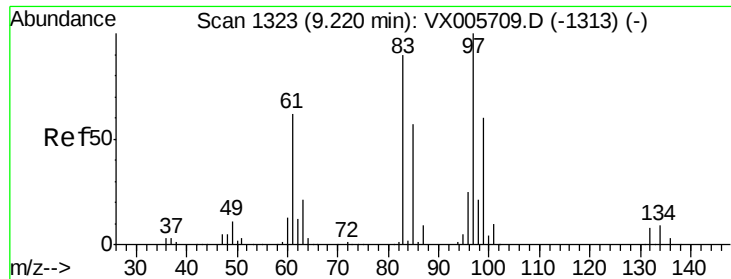
Tgt Ion: 75 Resp: 100852
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 48.146 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. -0.00 min
 Lab File: VX005742.D
 Acq: 01 Nov 2018 20:59

Tgt Ion: 75 Resp: 107047
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.2 37.8
 39 50.2 38.2 57.2

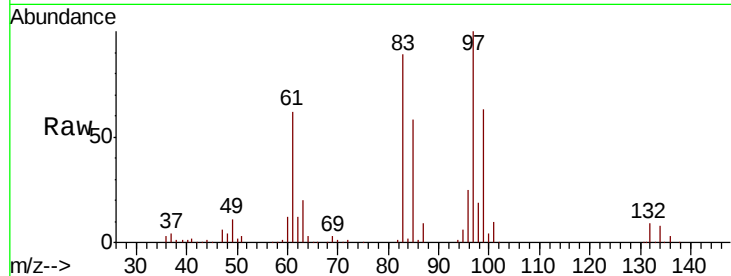




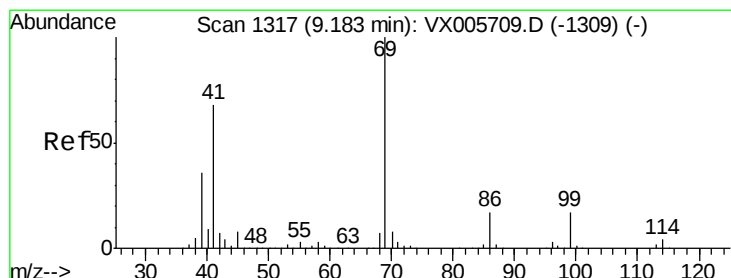
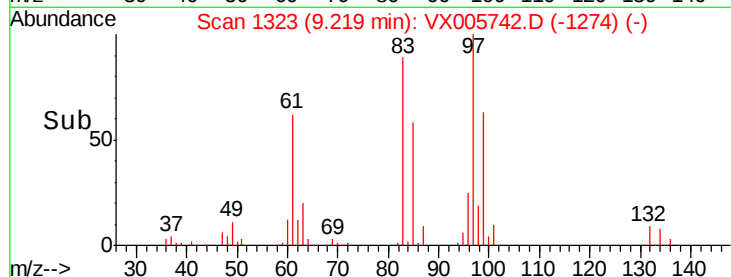
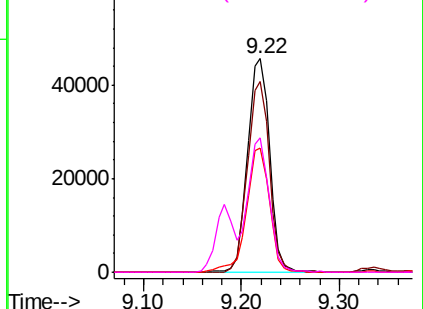
#55
 1,1,2-Trichloroethane
 Concen: 48.779 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: VX005742.D
 Acq: 01 Nov 2018 20:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:	97	Resp:	71424
Ion	Ratio	Lower	Upper
97	100		
83	89.0	70.7	106.1
85	58.3	45.8	68.6
99	62.8	51.8	77.8

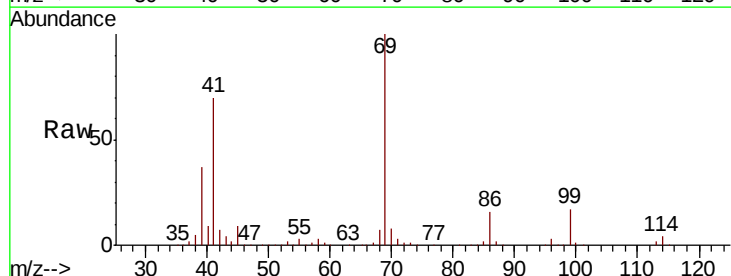


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

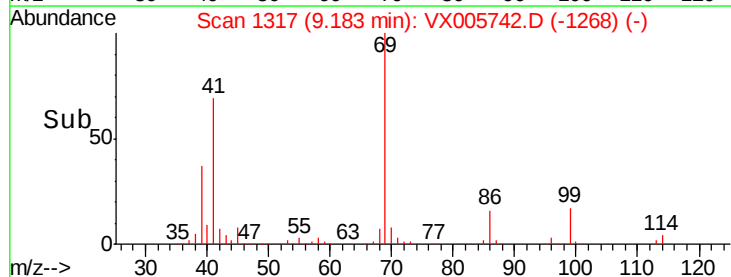
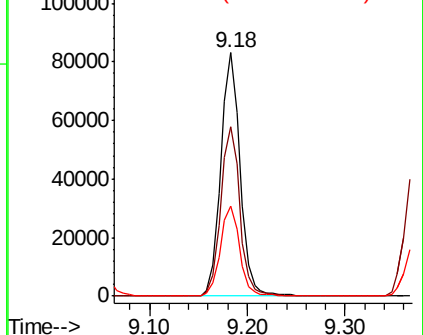


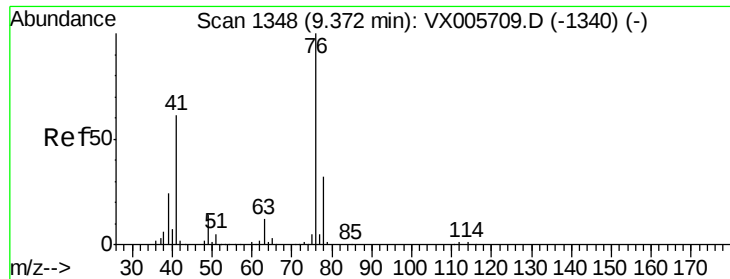
#56
 Ethyl methacrylate
 Concen: 46.144 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX005742.D
 Acq: 01 Nov 2018 20:59

Tgt Ion:	69	Resp:	114193
Ion	Ratio	Lower	Upper
69	100		
41	68.6	57.0	85.6
39	37.1	28.3	42.5



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





#57

1,3-Dichloropropane

Concen: 48.789 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX005742.D

Acq: 01 Nov 2018 20:59

Instrument :

MSVOA_X

ClientSampleId :

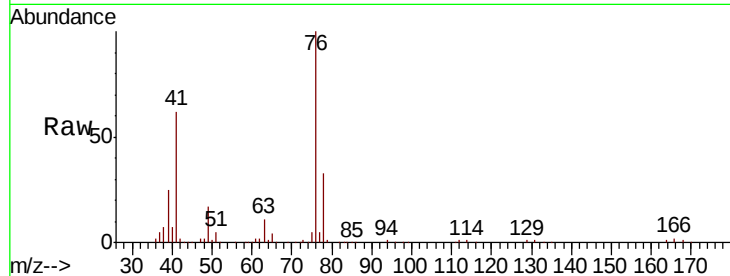
VSTDCCC050EC

Tgt Ion: 76 Resp: 122715

Ion Ratio Lower Upper

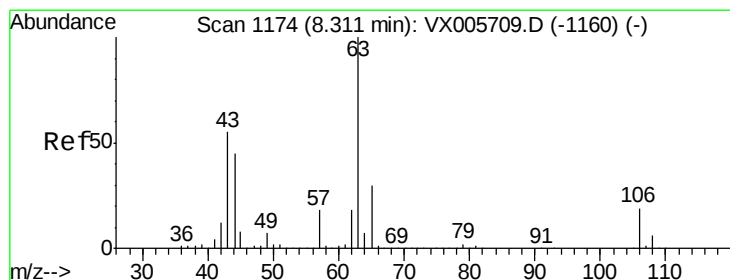
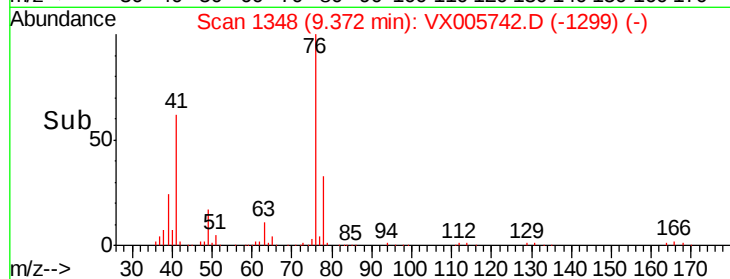
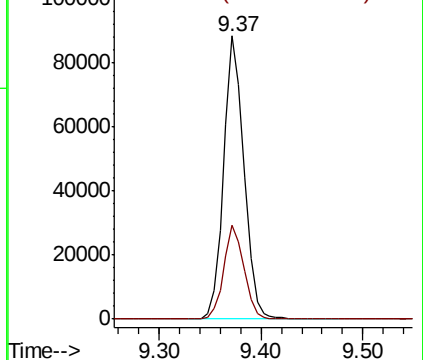
76 100

78 33.1 25.3 37.9



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: 235.325 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. 0.01 min

Lab File: VX005742.D

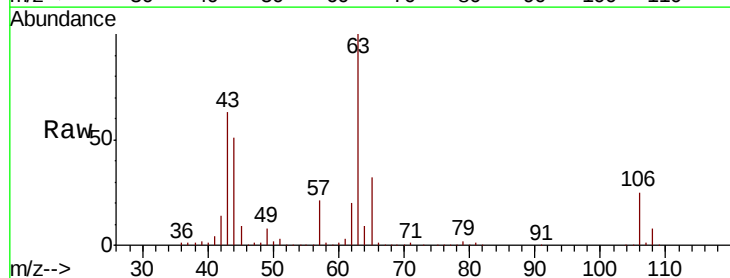
Acq: 01 Nov 2018 20:59

Tgt Ion: 63 Resp: 331312

Ion Ratio Lower Upper

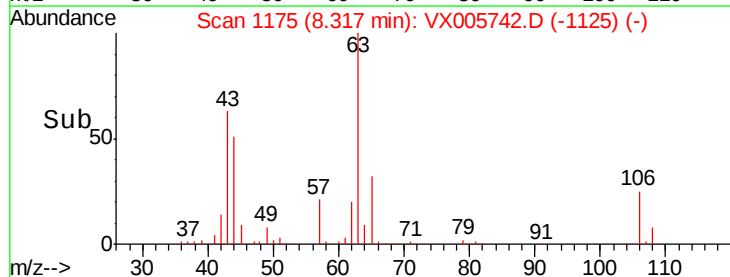
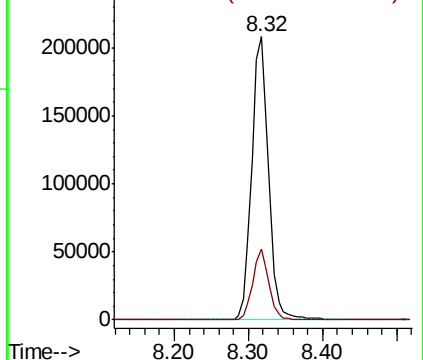
63 100

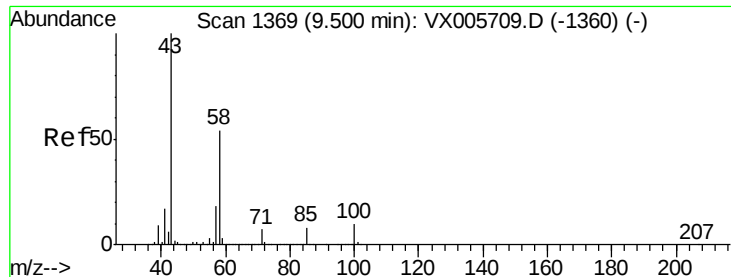
106 24.1 21.3 31.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

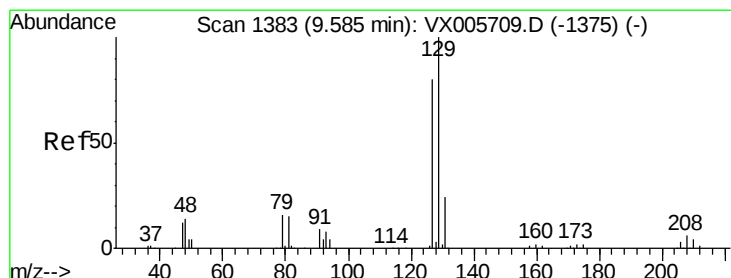
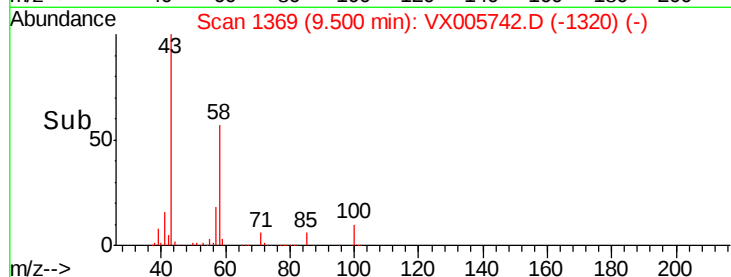
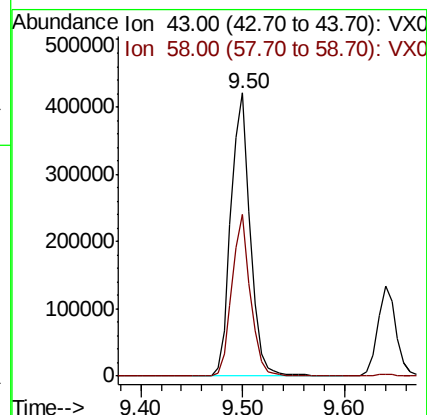
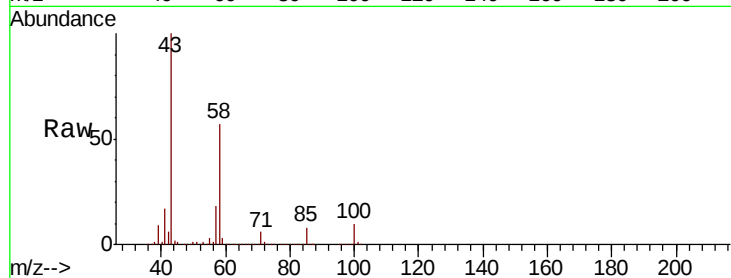




#59
2-Hexanone
Concen: 255.348 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX005742.D
Acq: 01 Nov 2018 20:59

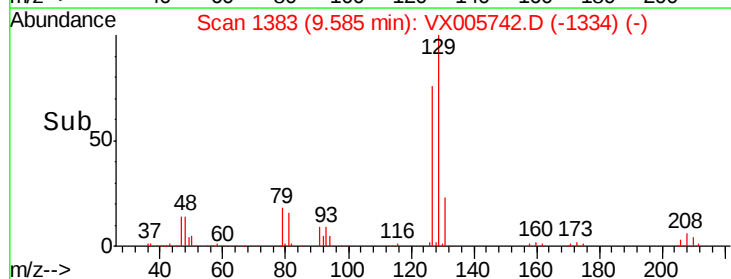
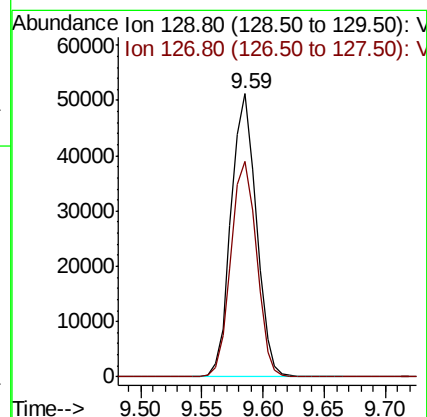
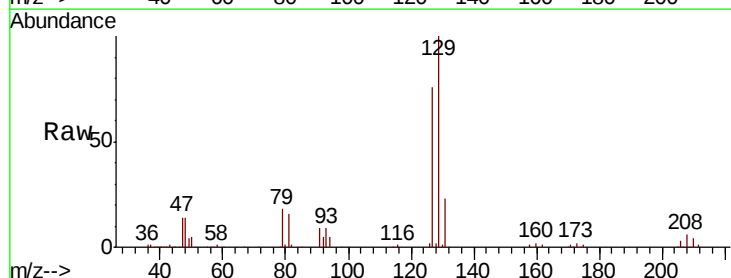
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

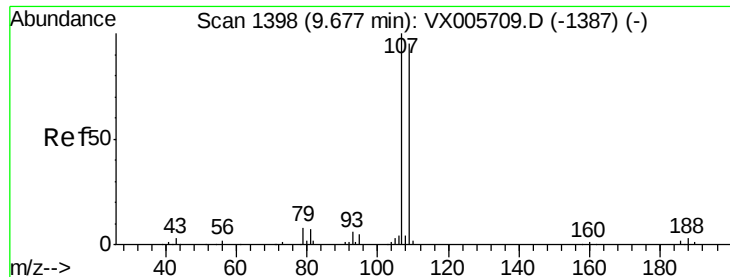
Tgt Ion: 43 Resp: 549746
Ion Ratio Lower Upper
43 100
58 54.8 25.9 77.8



#60
Dibromochloromethane
Concen: 51.936 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005742.D
Acq: 01 Nov 2018 20:59

Tgt Ion: 129 Resp: 73485
Ion Ratio Lower Upper
129 100
127 77.2 38.9 116.7





#61

1,2-Dibromoethane

Concen: 49.419 ug/l

RT: 9.68 min Scan# 1398

Delta R.T. -0.00 min

Lab File: VX005742.D

Acq: 01 Nov 2018 20:59

Instrument :

MSVOA_X

ClientSampleId :

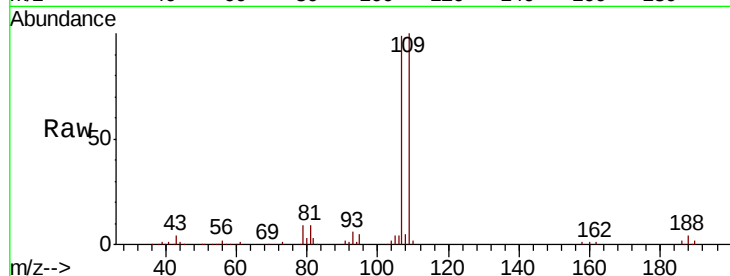
VSTDCCC050EC

Tgt Ion: 107 Resp: 73735

Ion Ratio Lower Upper

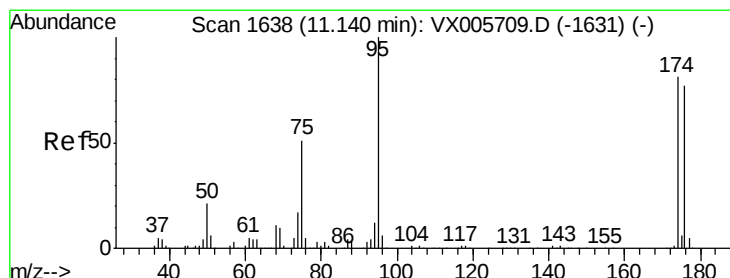
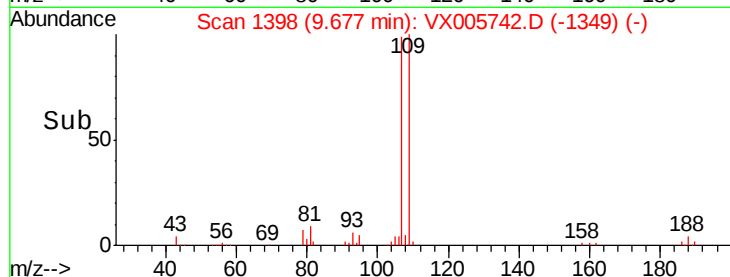
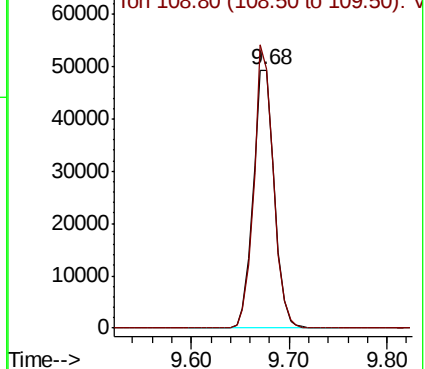
107 100

109 101.1 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.309 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005742.D

Acq: 01 Nov 2018 20:59

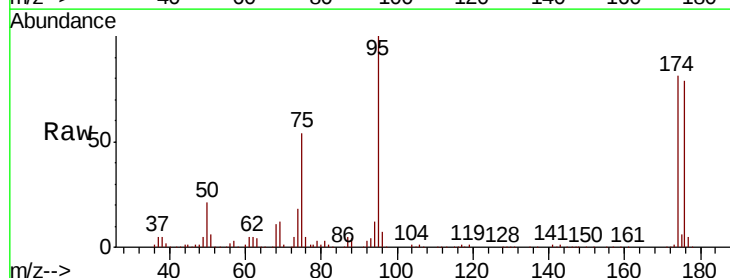
Tgt Ion: 95 Resp: 88678

Ion Ratio Lower Upper

95 100

174 78.0 0.0 184.4

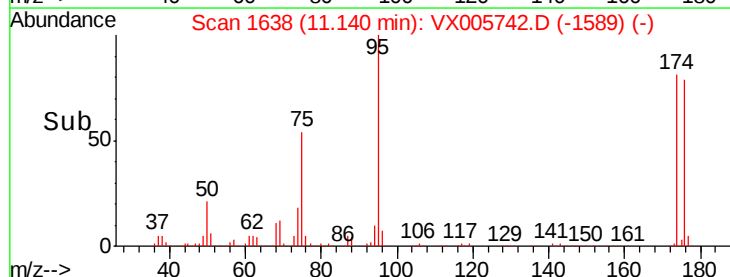
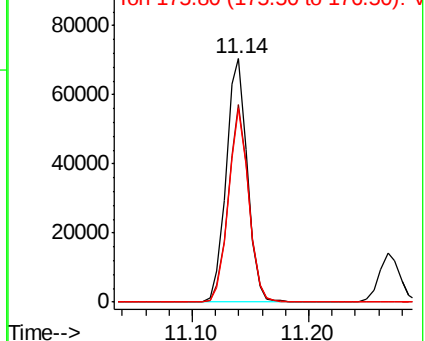
176 76.2 0.0 177.4

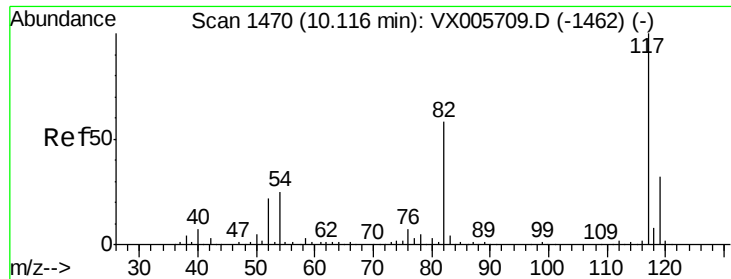


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

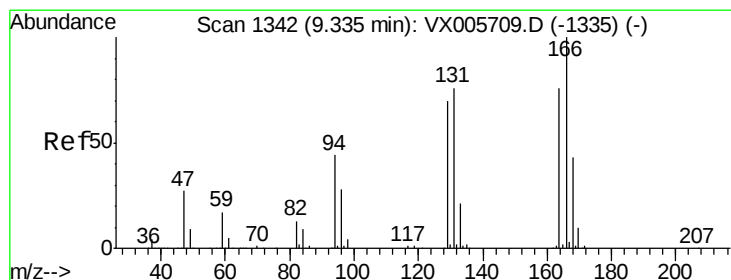
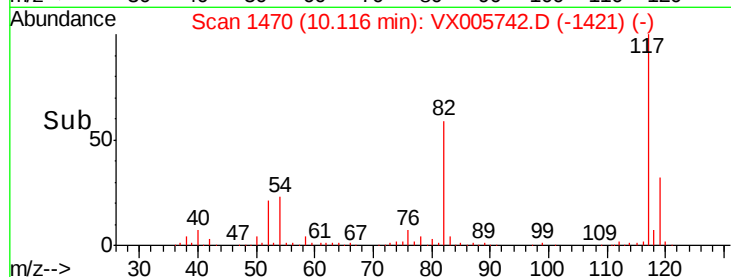
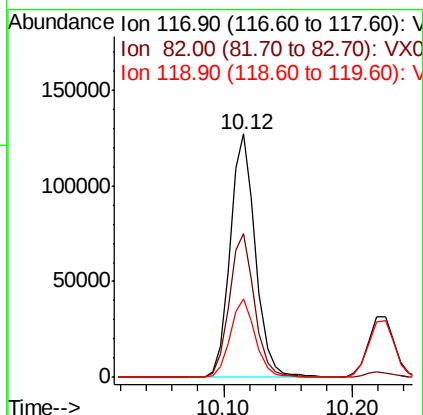
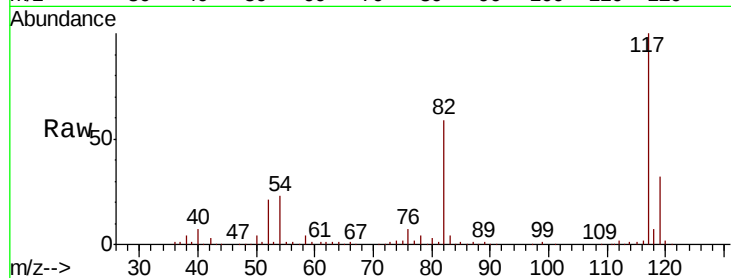




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005742.D
Acq: 01 Nov 2018 20:59

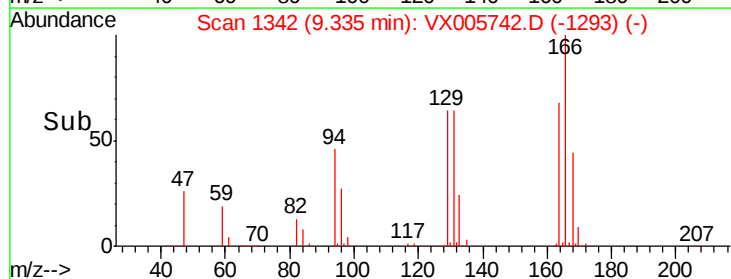
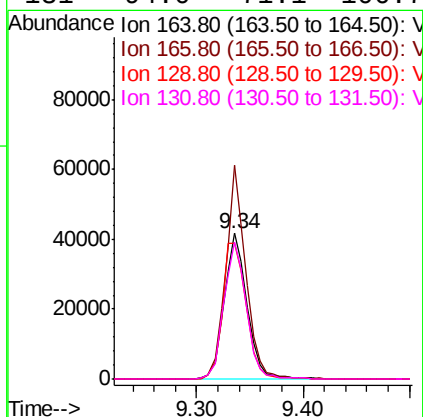
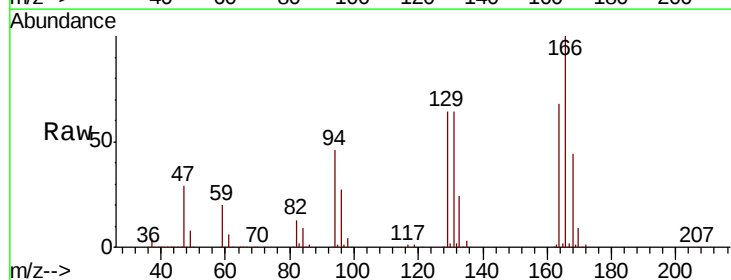
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

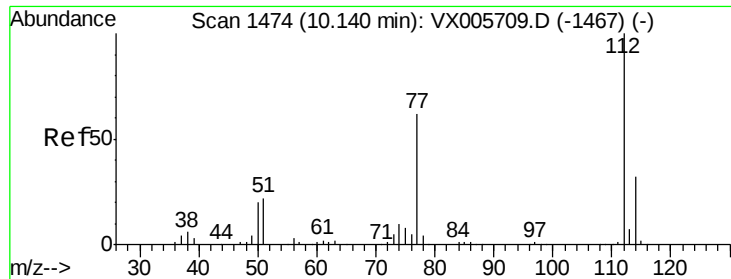
Tgt Ion:117 Resp: 174454
Ion Ratio Lower Upper
117 100
82 59.0 44.1 66.1
119 32.3 26.2 39.2



#64
Tetrachloroethene
Concen: 49.022 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005742.D
Acq: 01 Nov 2018 20:59

Tgt Ion:164 Resp: 62480
Ion Ratio Lower Upper
164 100
166 146.8 101.9 152.9
129 93.7 72.6 109.0
131 94.0 71.1 106.7

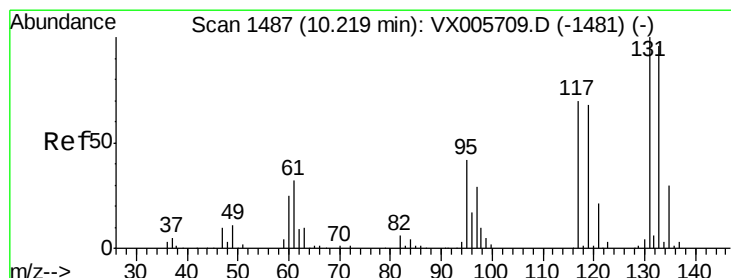
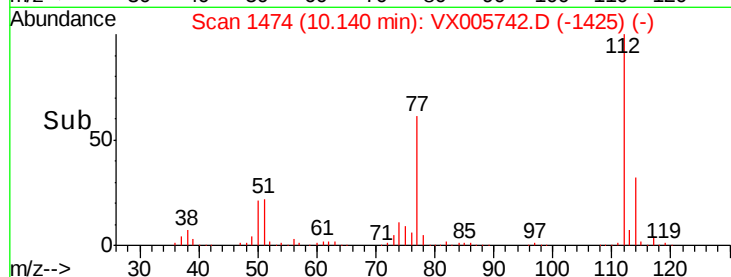
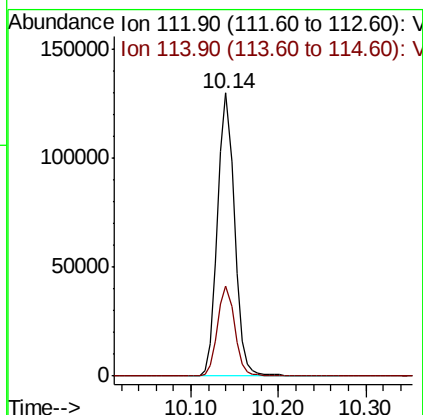
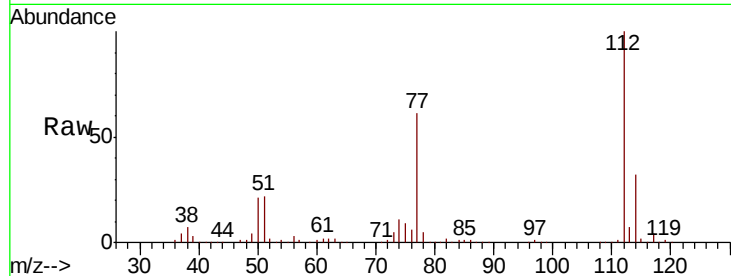




#65
Chlorobenzene
Concen: 47.312 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX005742.D
Acq: 01 Nov 2018 20:59

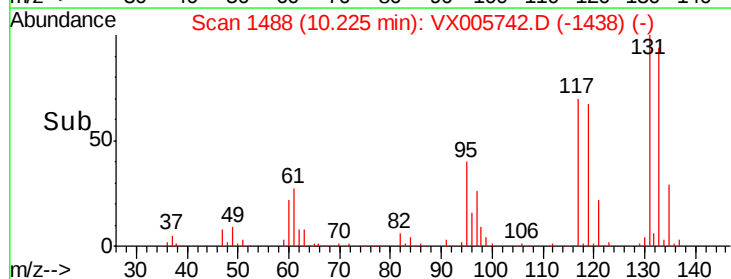
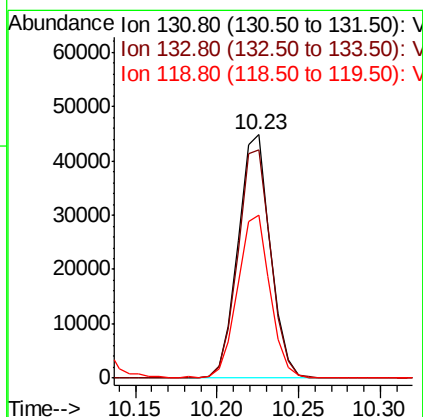
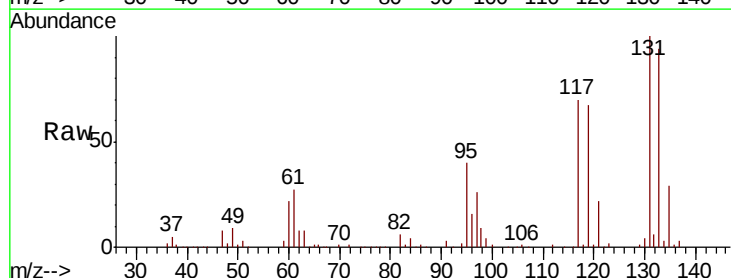
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

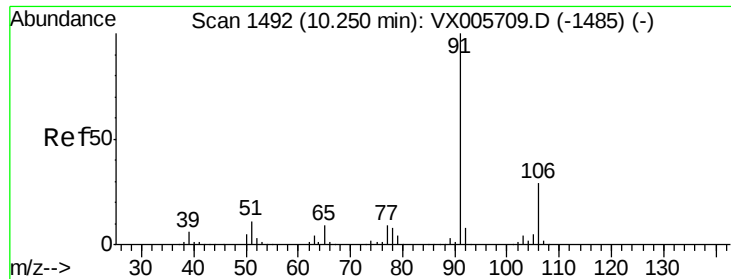
Tgt Ion:112 Resp: 175393
Ion Ratio Lower Upper
112 100
114 31.9 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 48.795 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. 0.01 min
Lab File: VX005742.D
Acq: 01 Nov 2018 20:59

Tgt Ion:131 Resp: 61924
Ion Ratio Lower Upper
131 100
133 95.6 47.5 142.5
119 67.5 31.8 95.3

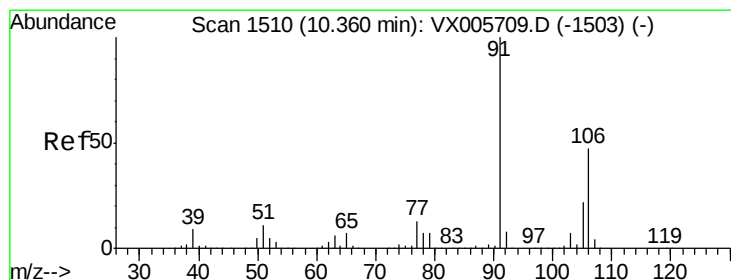
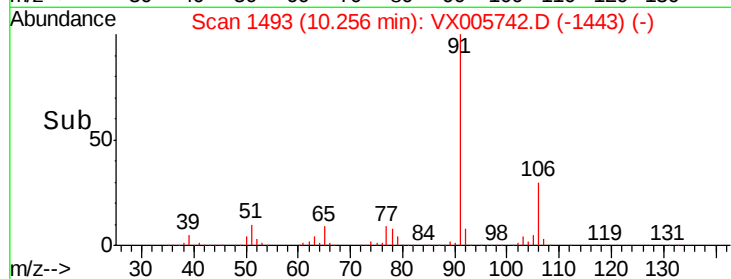
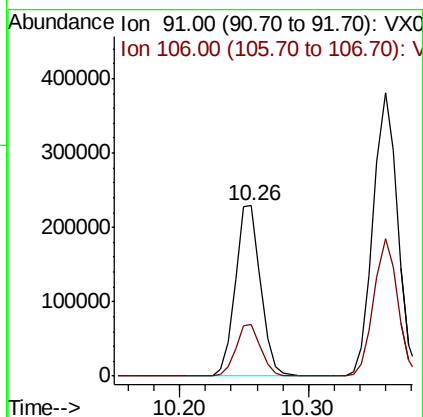
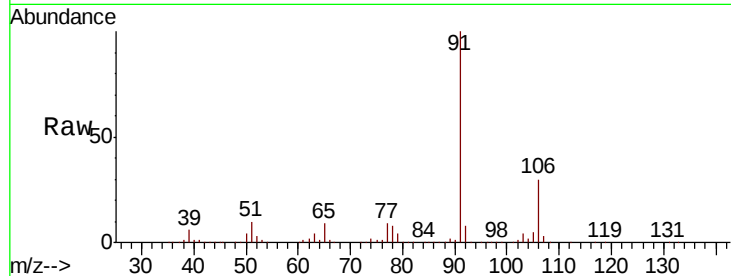




#67
Ethyl Benzene
Concen: 49.641 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. 0.01 min
Lab File: VX005742.D
Acq: 01 Nov 2018 20:59

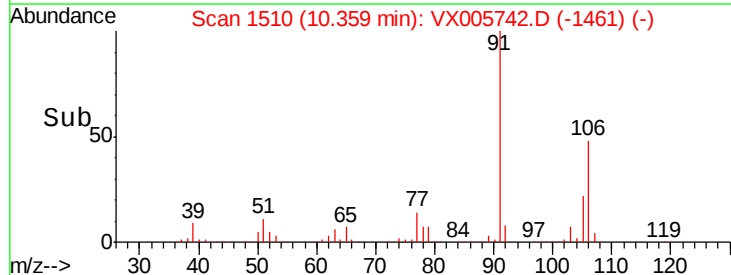
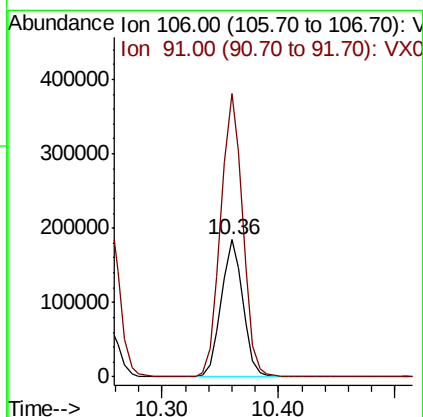
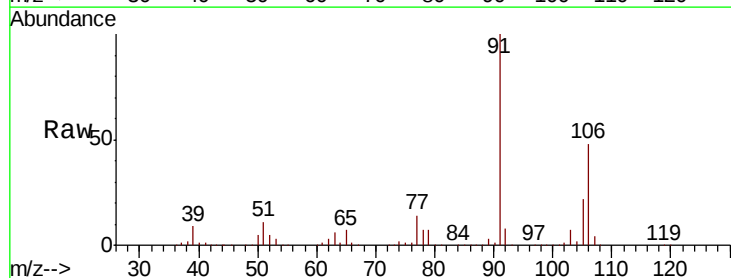
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

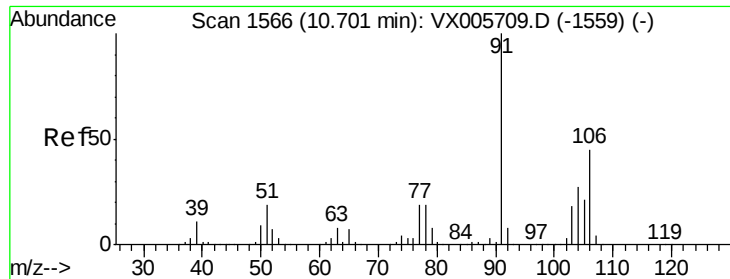
Tgt Ion: 91 Resp: 314073
Ion Ratio Lower Upper
91 100
106 30.0 24.4 36.6



#68
m/p-Xylenes
Concen: 100.844 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX005742.D
Acq: 01 Nov 2018 20:59

Tgt Ion: 106 Resp: 237082
Ion Ratio Lower Upper
106 100
91 210.5 164.2 246.4

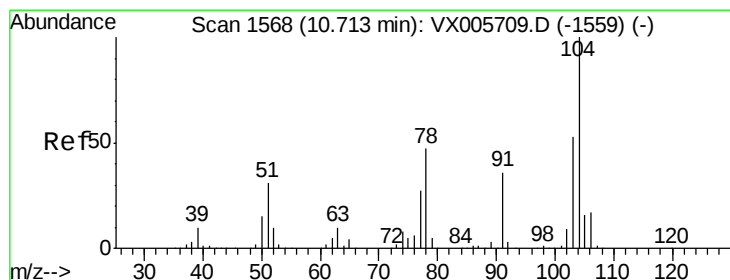
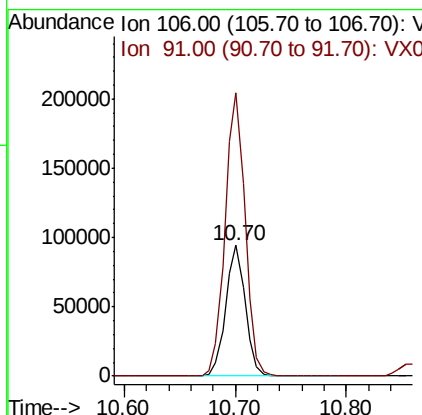
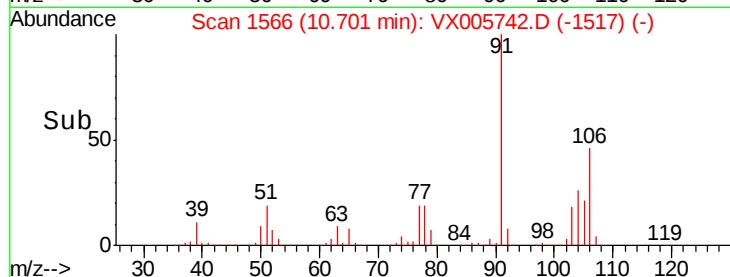
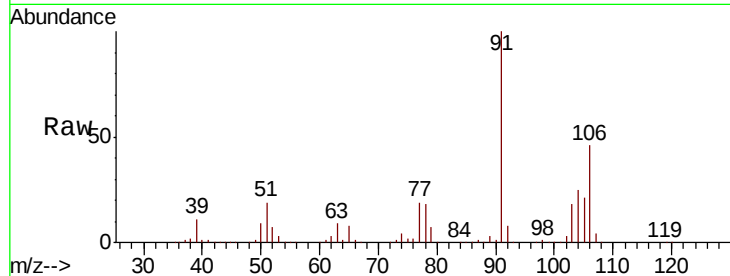




#69
o-Xylene
Concen: 50.915 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005742.D
Acq: 01 Nov 2018 20:59

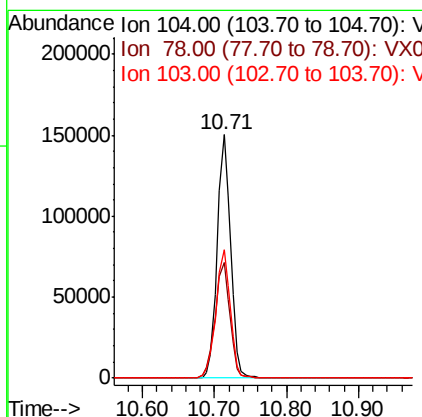
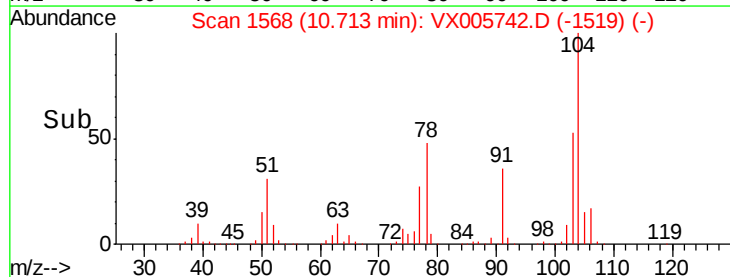
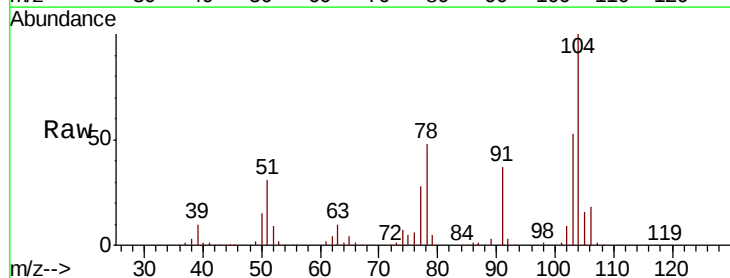
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

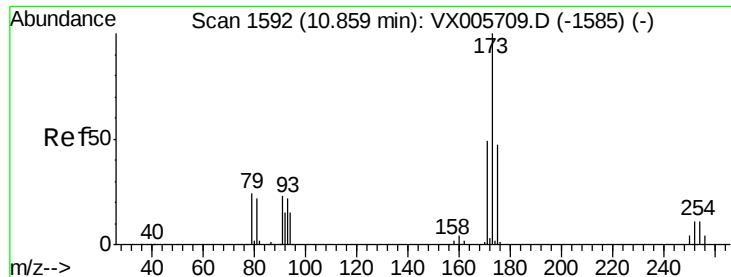
Tgt Ion:106 Resp: 114484
Ion Ratio Lower Upper
106 100
91 221.6 108.5 325.5



#70
Styrene
Concen: 51.759 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005742.D
Acq: 01 Nov 2018 20:59

Tgt Ion:104 Resp: 193298
Ion Ratio Lower Upper
104 100
78 52.8 40.2 60.4
103 56.8 44.9 67.3

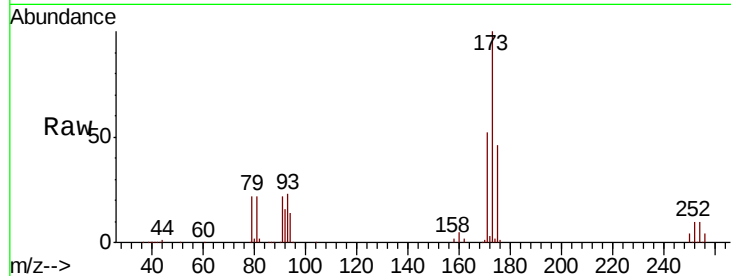




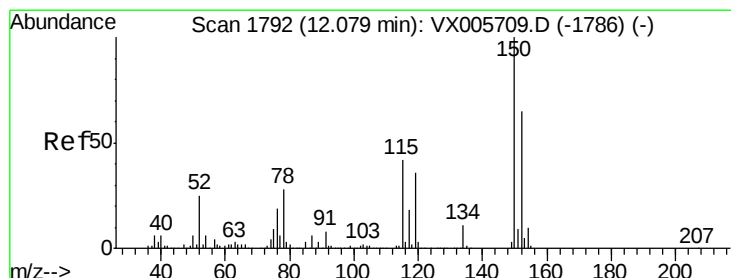
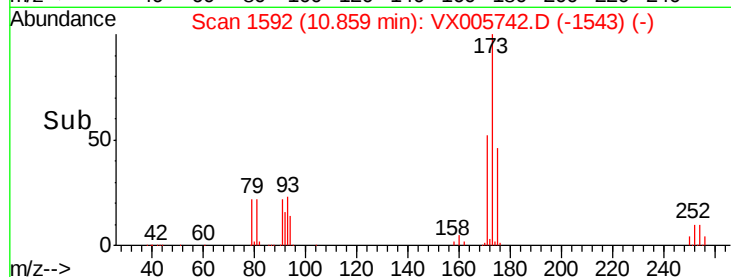
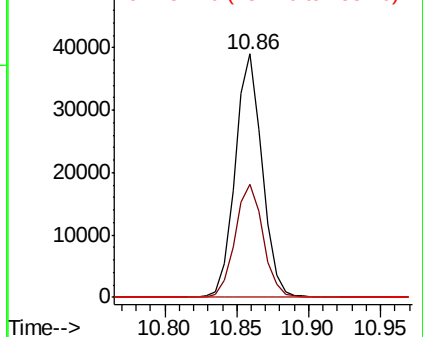
#71
Bromoform
Concen: 49.562 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VX005742.D
Acq: 01 Nov 2018 20:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:173 Resp: 50962
Ion Ratio Lower Upper
173 100
175 48.0 24.8 74.3
254 0.1 0.2 0.2#

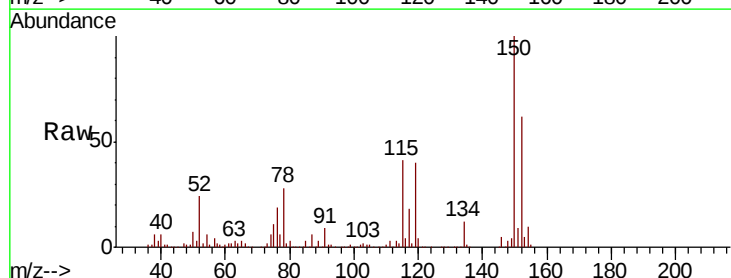


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

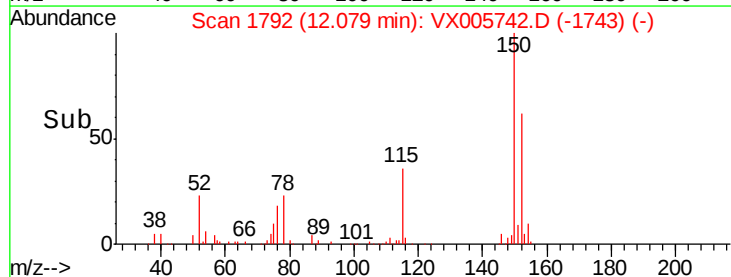
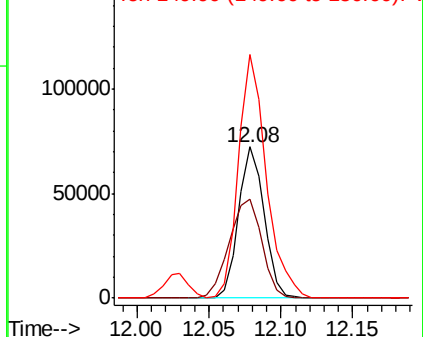


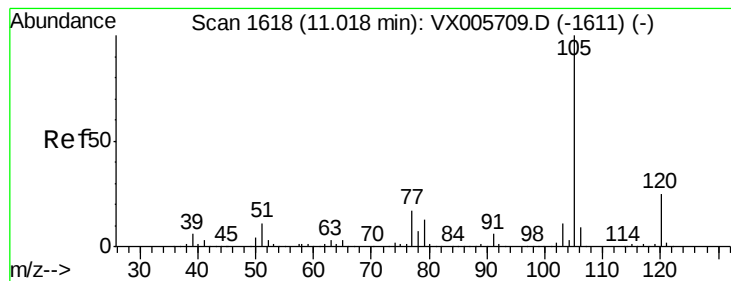
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005742.D
Acq: 01 Nov 2018 20:59

Tgt Ion:152 Resp: 89667
Ion Ratio Lower Upper
152 100
115 84.0 39.4 118.1
150 175.0 0.0 346.4



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





#73

Isopropylbenzene

Concen: 52.637 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005742.D

Acq: 01 Nov 2018 20:59

Instrument :

MSVOA_X

ClientSampleId :

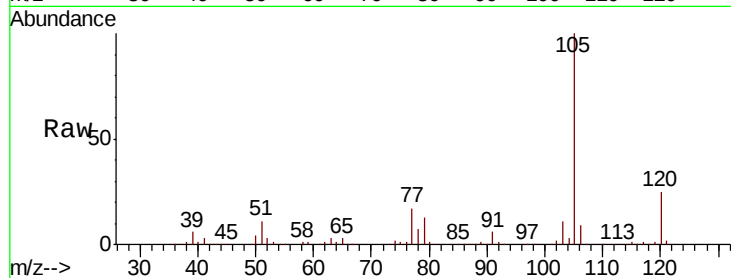
VSTDCCC050EC

Tgt Ion: 105 Resp: 311380

Ion Ratio Lower Upper

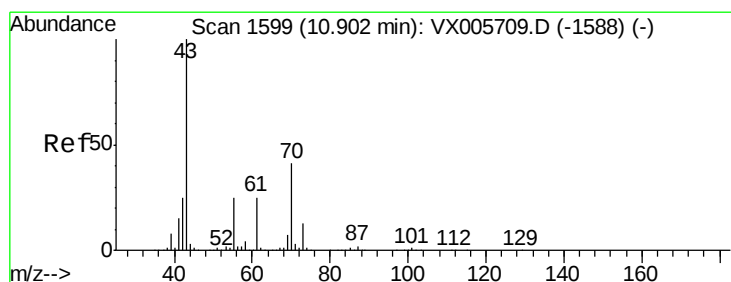
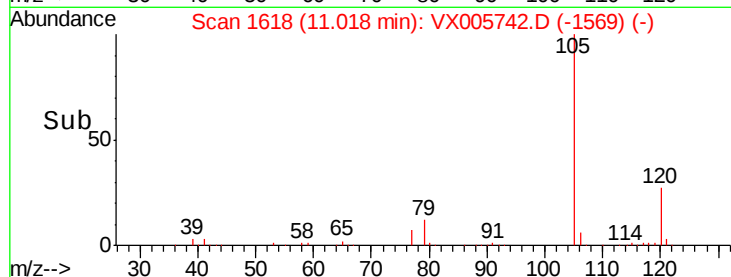
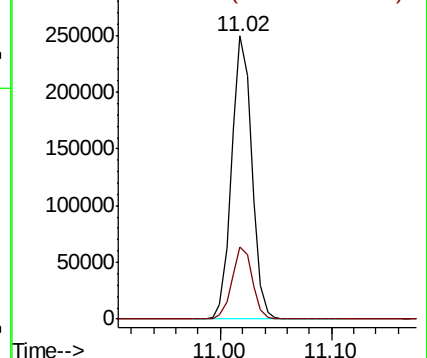
105 100

120 25.6 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 52.217 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. -0.00 min

Lab File: VX005742.D

Acq: 01 Nov 2018 20:59

Tgt Ion: 43 Resp: 164461

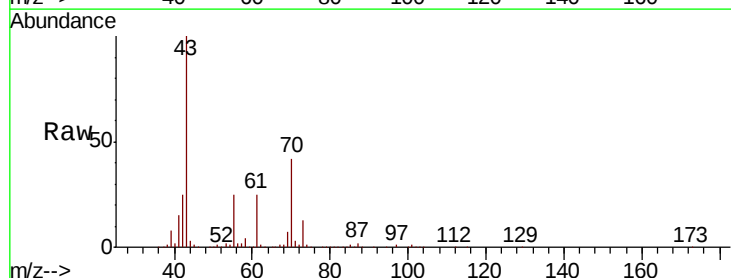
Ion Ratio Lower Upper

43 100

70 40.4 31.6 47.4

55 25.6 19.7 29.5

61 24.2 18.3 27.5

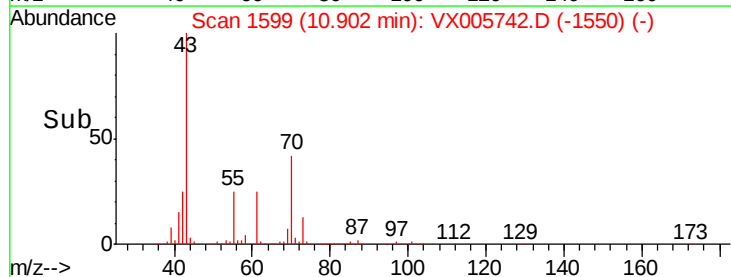
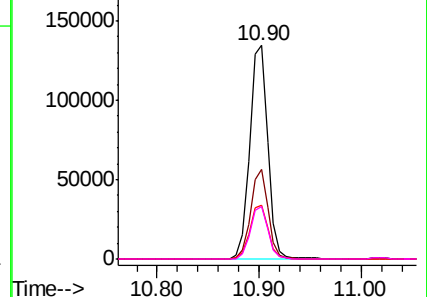


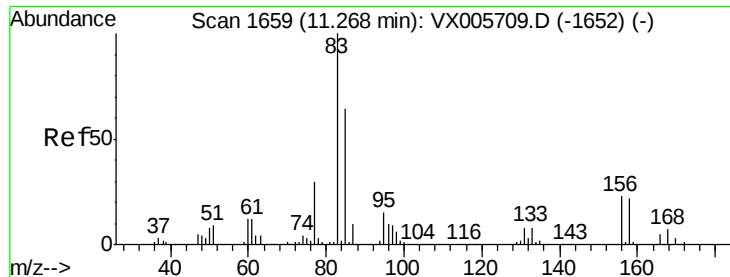
Abundance Ion 43.00 (42.70 to 43.70): VX0

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

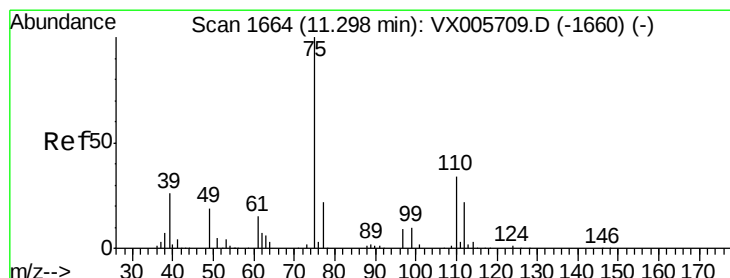
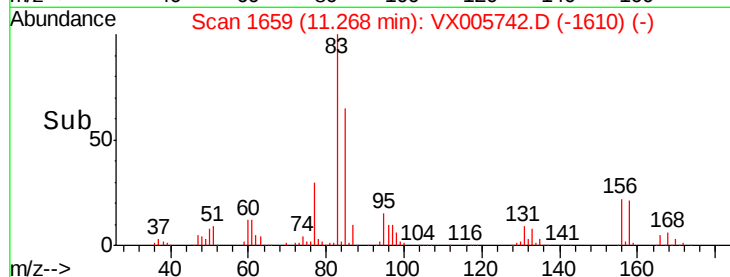
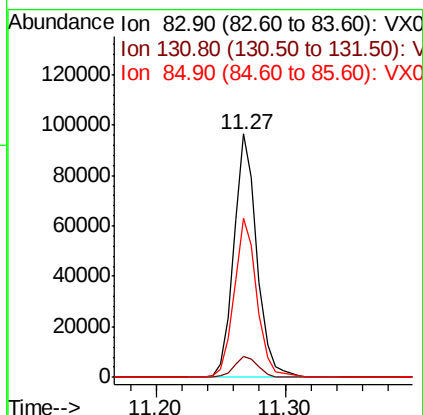
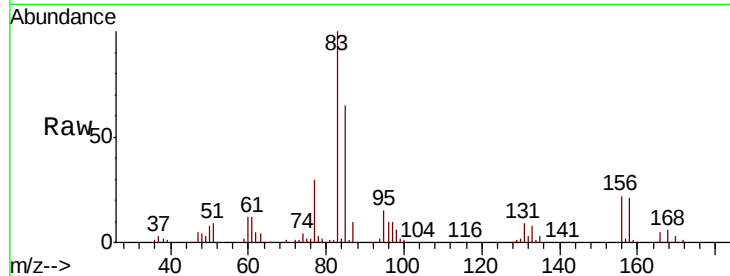




#75
 1,1,2,2-Tetrachloroethane
 Concen: 48.975 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: VX005742.D
 Acq: 01 Nov 2018 20:59

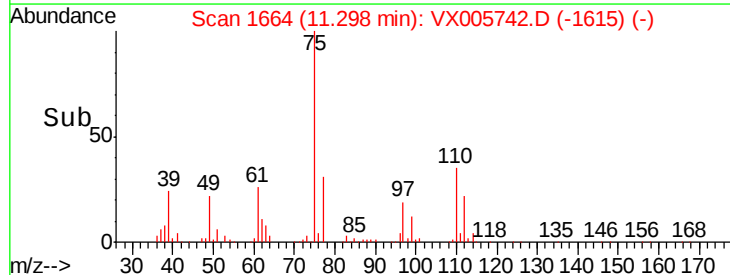
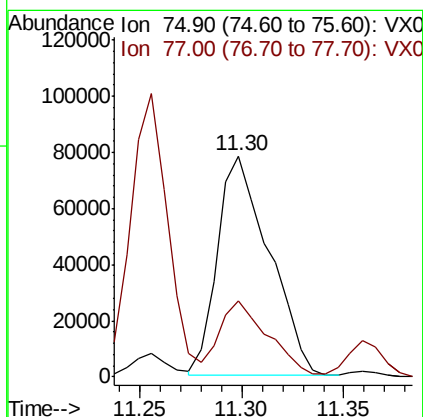
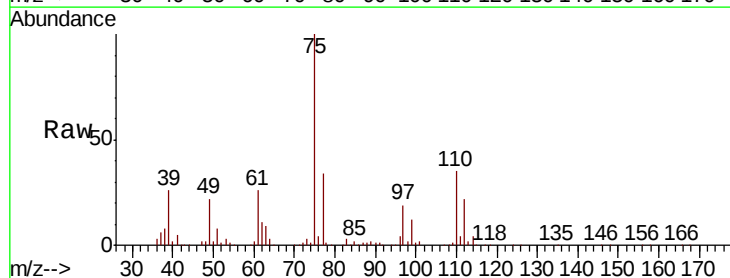
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

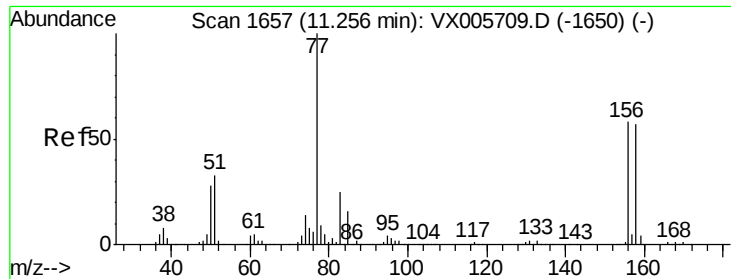
Tgt Ion: 83 Resp: 120198
 Ion Ratio Lower Upper
 83 100
 131 8.9 5.3 15.9
 85 64.9 32.0 96.2



#76
 1,2,3-Trichloropropane
 Concen: 61.502 ug/l
 RT: 11.30 min Scan# 1664
 Delta R.T. -0.00 min
 Lab File: VX005742.D
 Acq: 01 Nov 2018 20:59

Tgt Ion: 75 Resp: 137350
 Ion Ratio Lower Upper
 75 100
 77 32.8 20.5 61.6





#77

Bromobenzene

Concen: 50.684 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005742.D

Acq: 01 Nov 2018 20:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

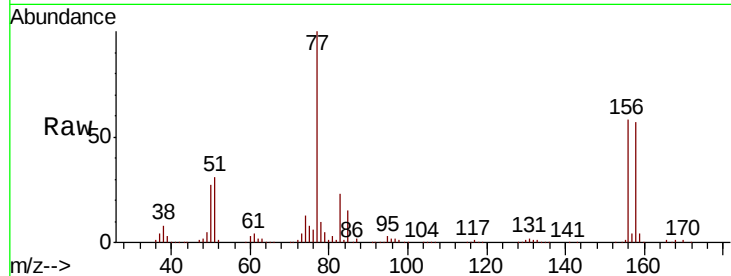
Tgt Ion:156 Resp: 74378

Ion Ratio Lower Upper

156 100

77 173.9 74.8 224.4

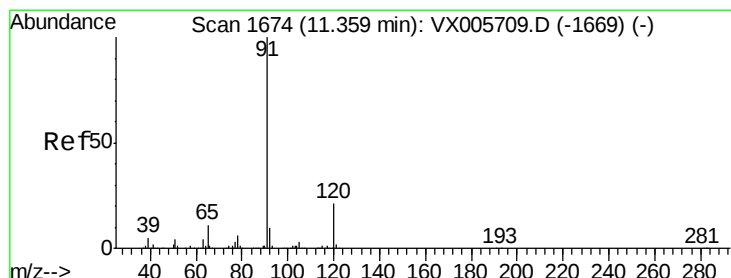
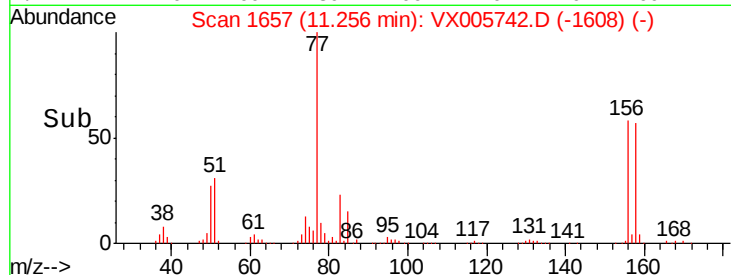
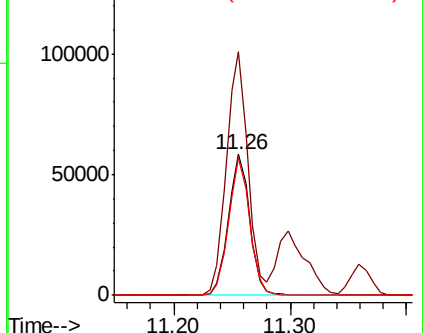
158 96.1 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.266 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005742.D

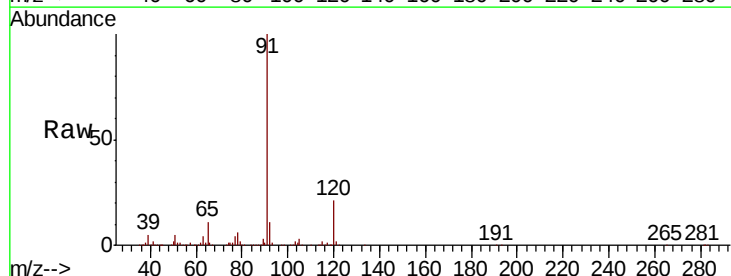
Acq: 01 Nov 2018 20:59

Tgt Ion: 91 Resp: 376131

Ion Ratio Lower Upper

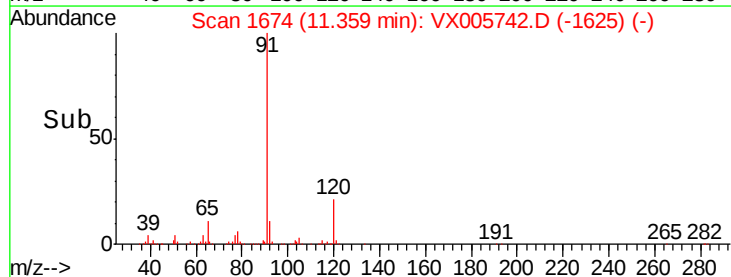
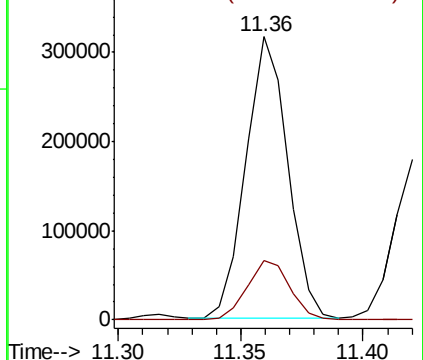
91 100

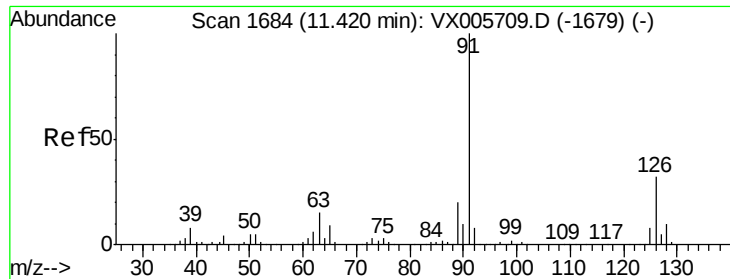
120 21.8 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

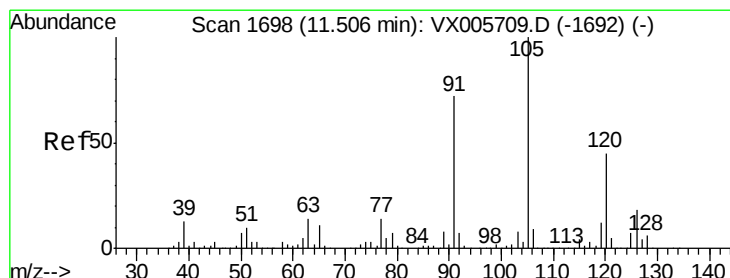
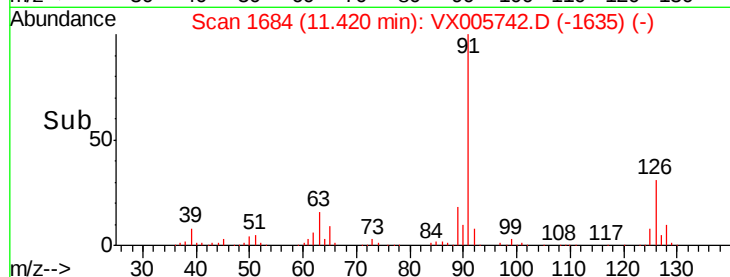
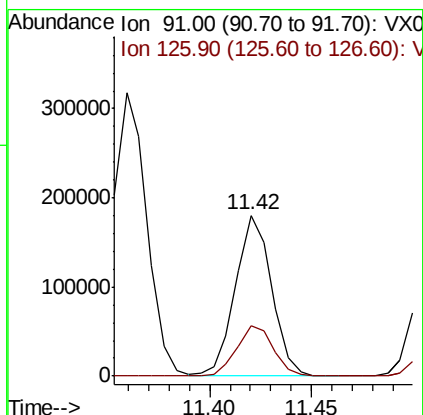
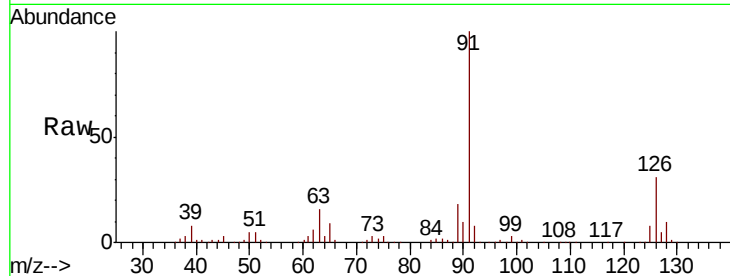




#79
 2-Chlorotoluene
 Concen: 51.231 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX005742.D
 Acq: 01 Nov 2018 20:59

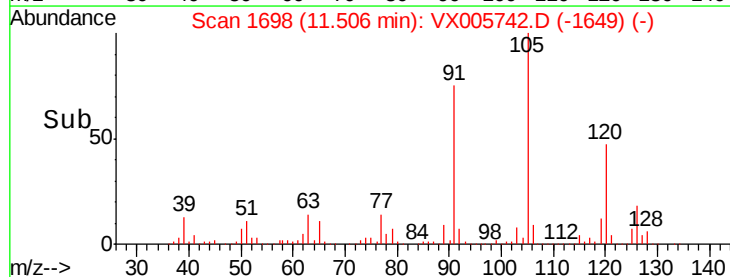
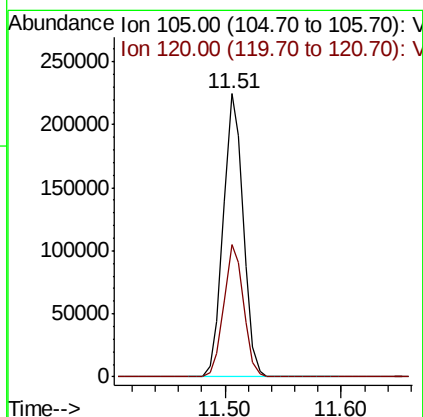
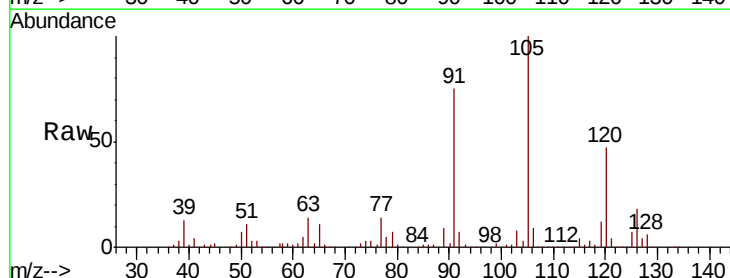
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

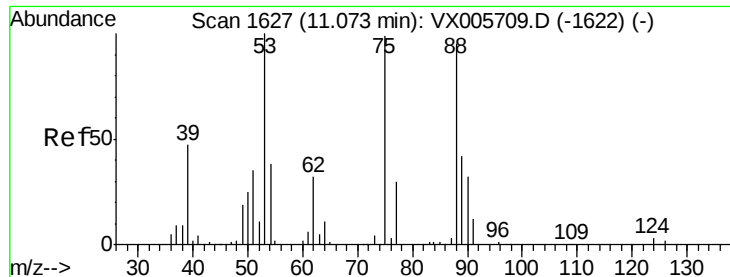
Tgt Ion: 91 Resp: 220201
 Ion Ratio Lower Upper
 91 100
 126 32.5 17.3 52.0



#80
 1,3,5-Trimethylbenzene
 Concen: 52.863 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX005742.D
 Acq: 01 Nov 2018 20:59

Tgt Ion: 105 Resp: 265529
 Ion Ratio Lower Upper
 105 100
 120 46.3 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 48.690 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX005742.D

Acq: 01 Nov 2018 20:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

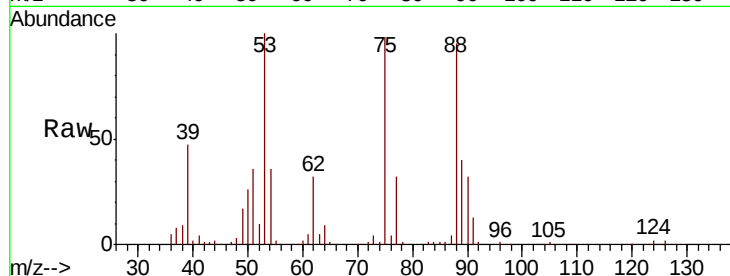
Tgt Ion: 75 Resp: 33655

Ion Ratio Lower Upper

75 100

53 100.1 80.2 120.2

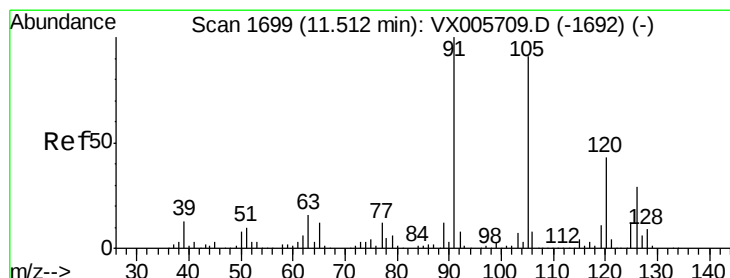
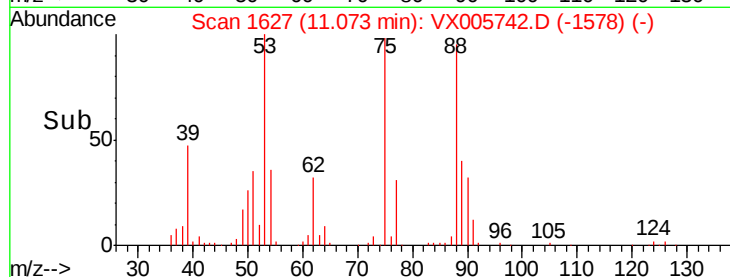
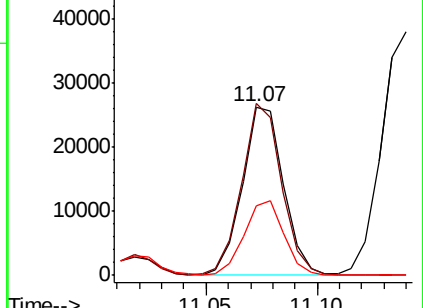
89 43.6 39.8 59.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 51.446 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX005742.D

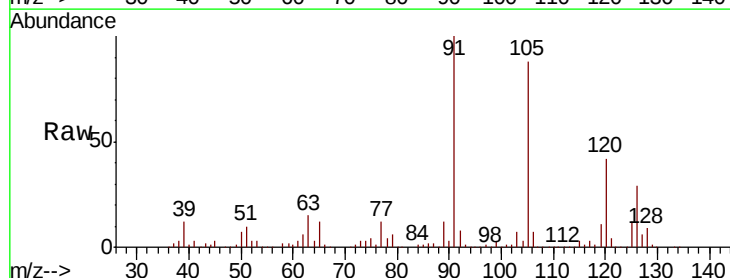
Acq: 01 Nov 2018 20:59

Tgt Ion: 91 Resp: 263992

Ion Ratio Lower Upper

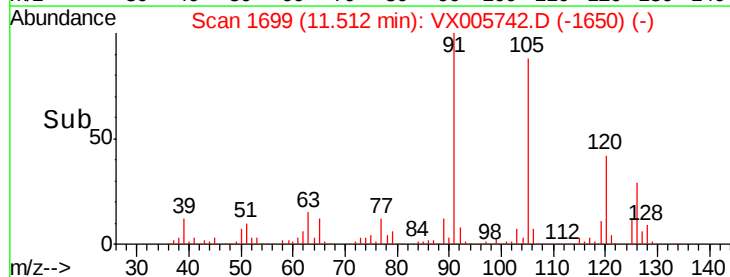
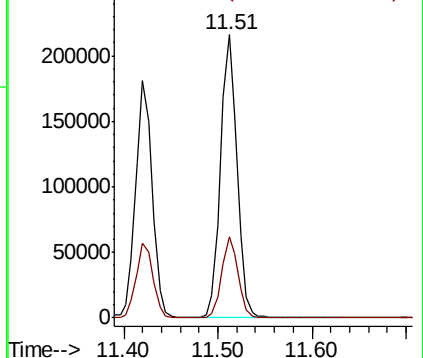
91 100

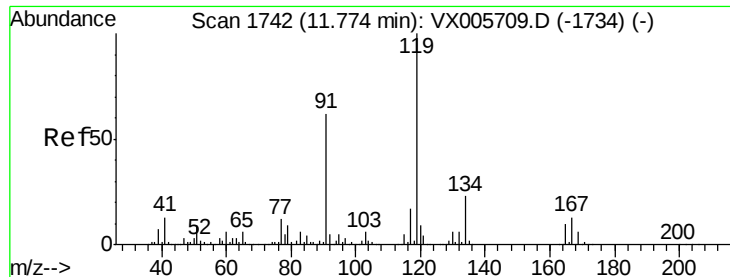
126 28.2 15.2 45.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

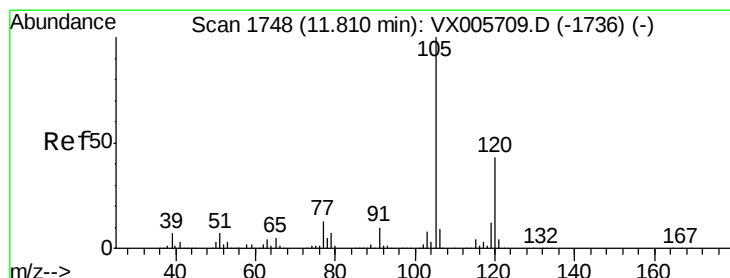
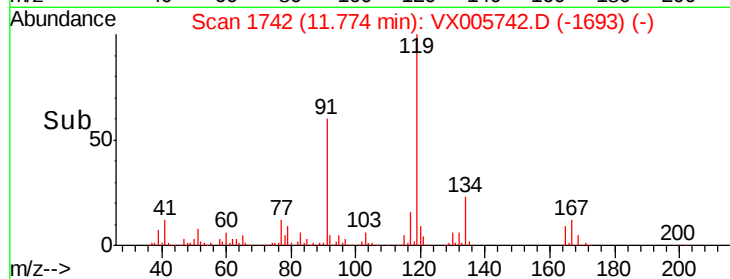
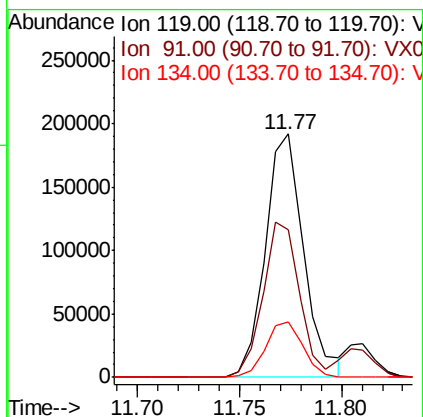
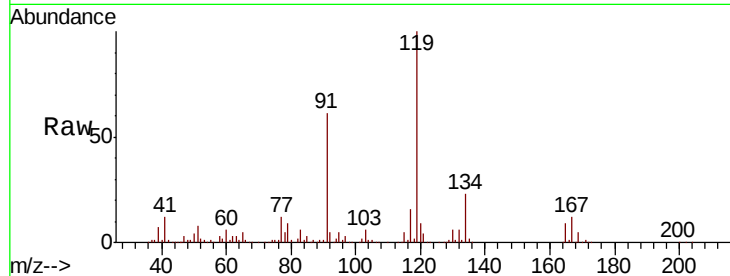




#83
tert-Butylbenzene
Concen: 52.512 ug/l
RT: 11.77 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX005742.D
Acq: 01 Nov 2018 20:59

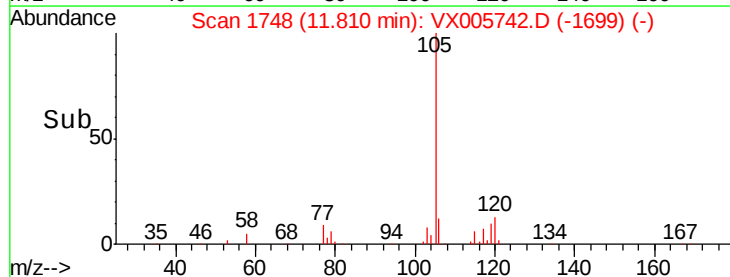
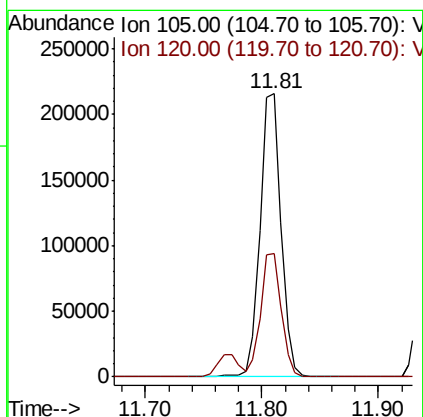
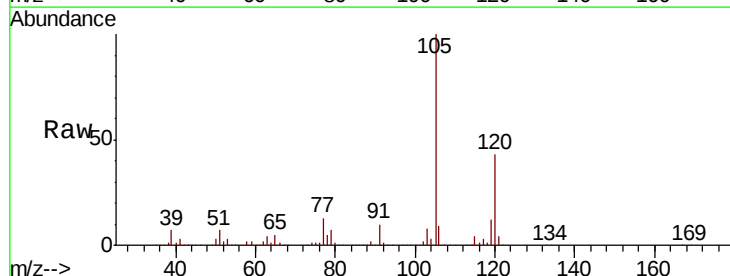
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

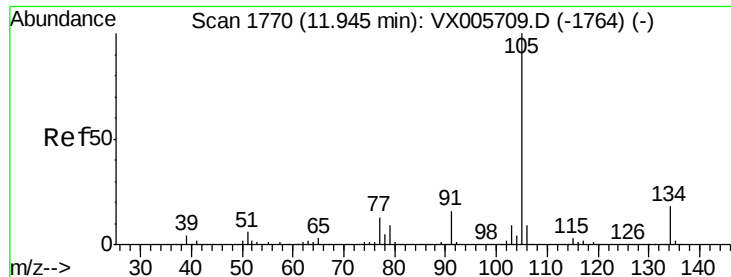
Tgt Ion:119 Resp: 251671
Ion Ratio Lower Upper
119 100
91 60.9 28.5 85.5
134 22.1 11.3 33.8



#84
1,2,4-Trimethylbenzene
Concen: 53.690 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. -0.00 min
Lab File: VX005742.D
Acq: 01 Nov 2018 20:59

Tgt Ion:105 Resp: 272320
Ion Ratio Lower Upper
105 100
120 42.8 22.4 67.0

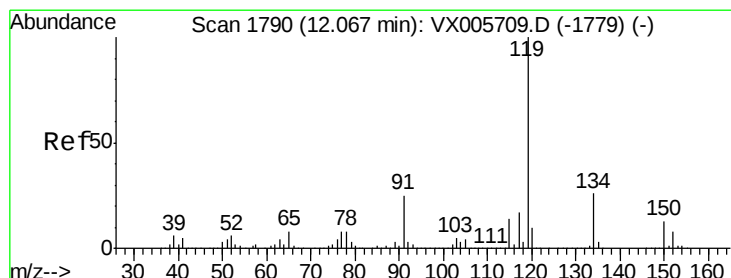
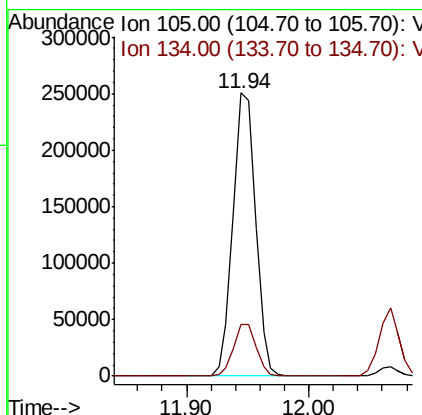
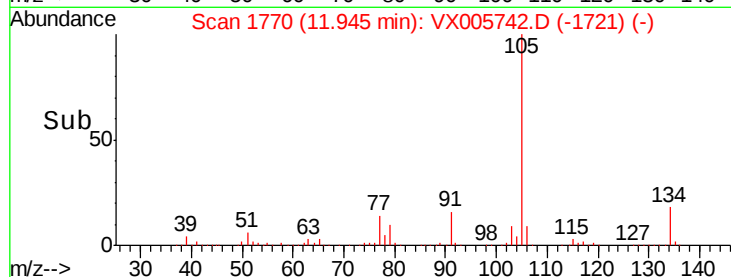
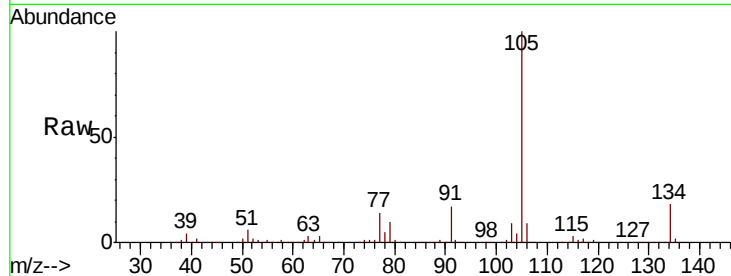




#85
 sec-Butylbenzene
 Concen: 51.957 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX005742.D
 Acq: 01 Nov 2018 20:59

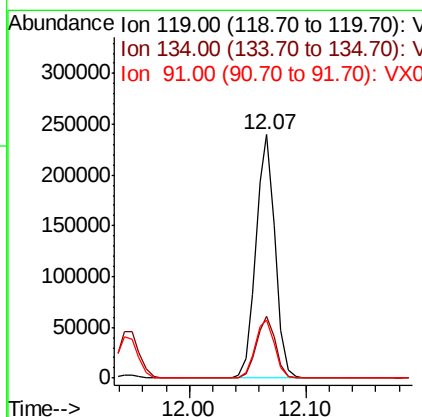
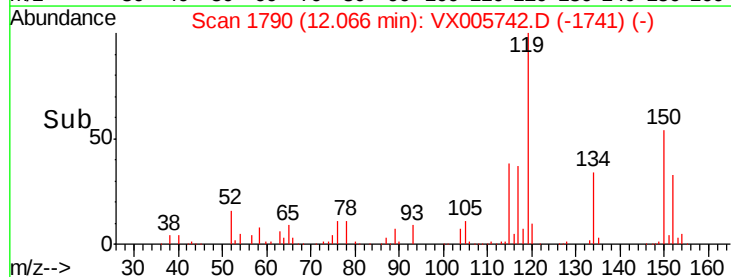
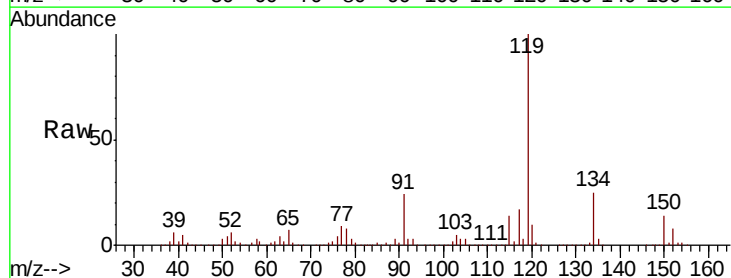
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

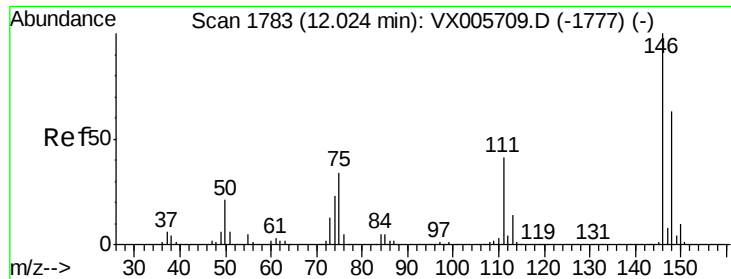
Tgt Ion:105 Resp: 319418
 Ion Ratio Lower Upper
 105 100
 134 18.6 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 52.274 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX005742.D
 Acq: 01 Nov 2018 20:59

Tgt Ion:119 Resp: 273321
 Ion Ratio Lower Upper
 119 100
 134 25.4 13.0 39.0
 91 24.4 11.4 34.2

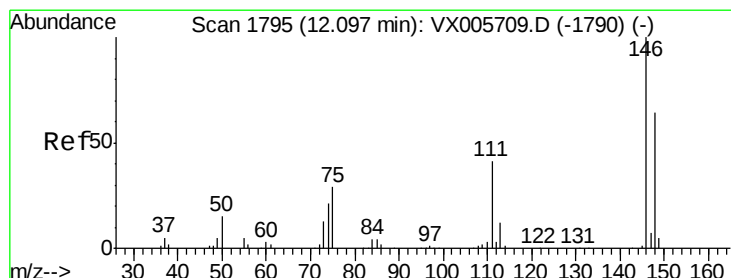
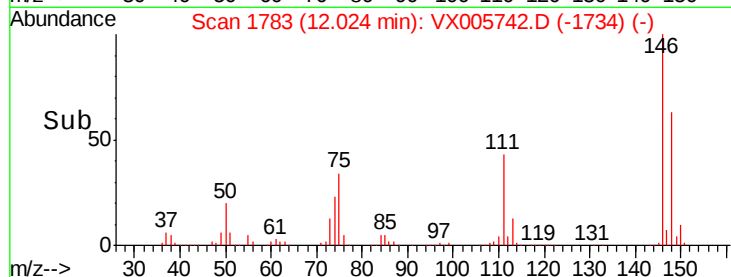
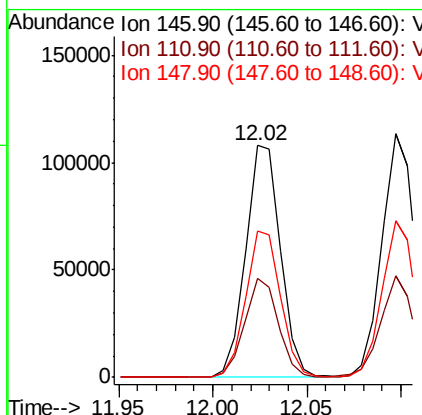
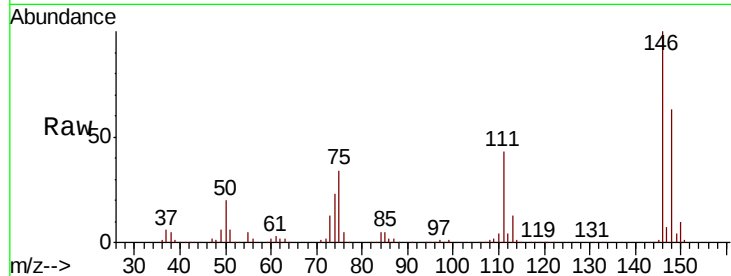




#87
 1,3-Dichlorobenzene
 Concen: 48.847 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX005742.D
 Acq: 01 Nov 2018 20:59

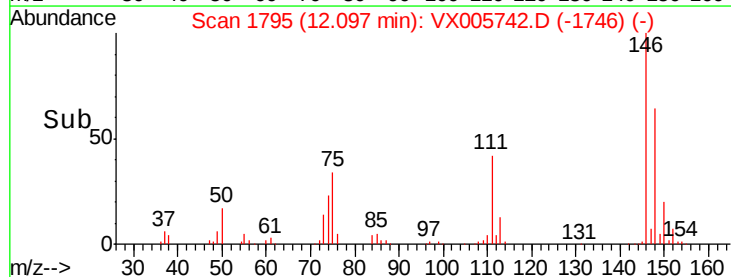
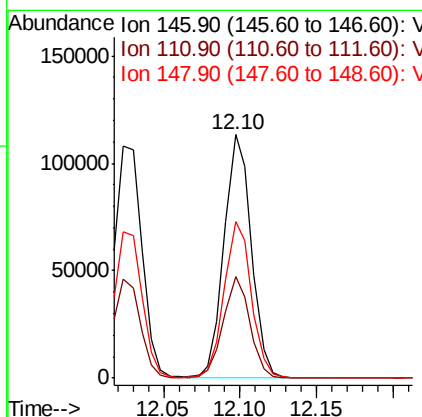
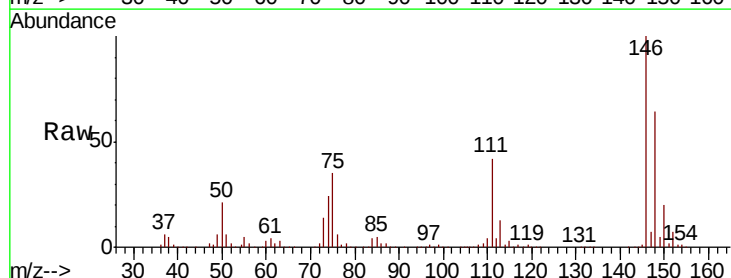
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

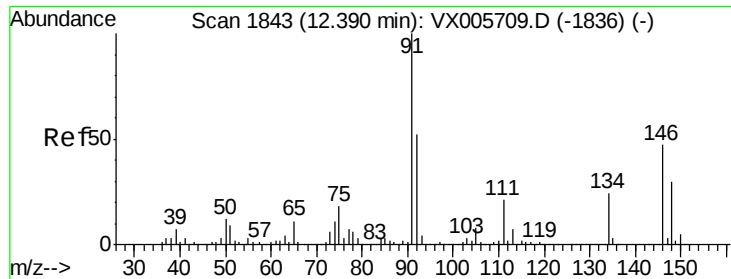
Tgt Ion:146 Resp: 138602
 Ion Ratio Lower Upper
 146 100
 111 41.4 19.0 57.0
 148 63.2 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 45.970 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005742.D
 Acq: 01 Nov 2018 20:59

Tgt Ion:146 Resp: 140128
 Ion Ratio Lower Upper
 146 100
 111 41.1 18.6 55.8
 148 64.3 32.1 96.3





#89

n-Butylbenzene

Concen: 49.738 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX005742.D

Acq: 01 Nov 2018 20:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

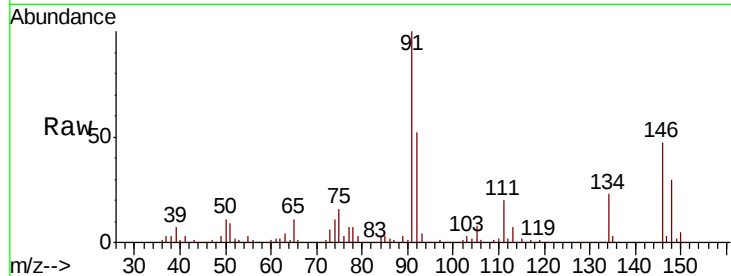
Tgt Ion: 91 Resp: 262385

Ion Ratio Lower Upper

91 100

92 51.6 26.1 78.2

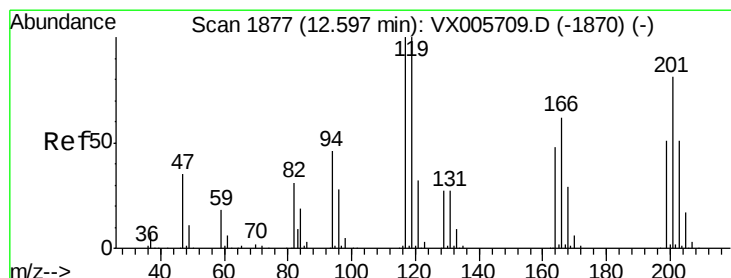
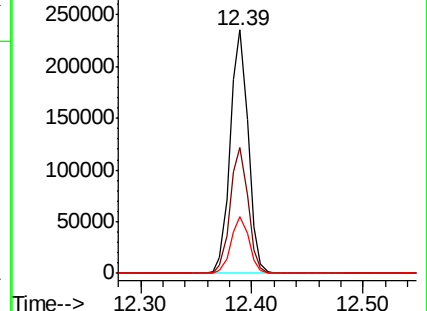
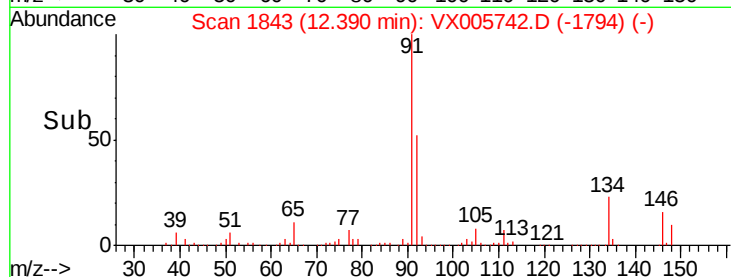
134 23.4 13.1 39.3



Abundance Ion 91.00 (90.70 to 91.70): VX005709.D

Ion 92.00 (91.70 to 92.70): VX005709.D

Ion 134.00 (133.70 to 134.70): VX005709.D



#90

Hexachloroethane

Concen: 49.846 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX005742.D

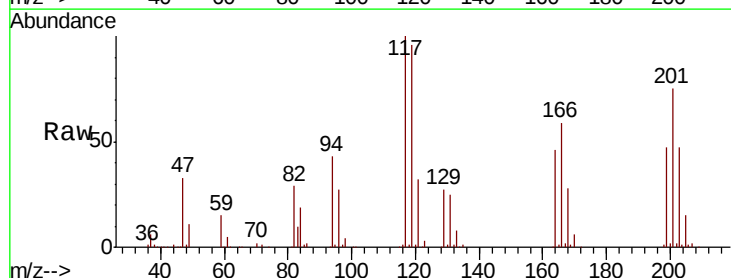
Acq: 01 Nov 2018 20:59

Tgt Ion: 117 Resp: 46239

Ion Ratio Lower Upper

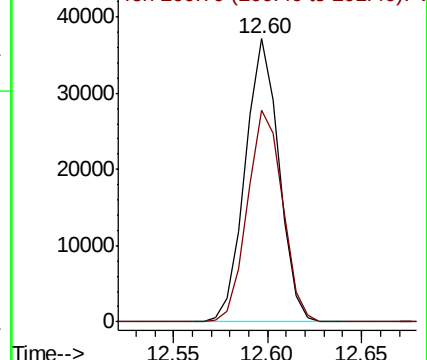
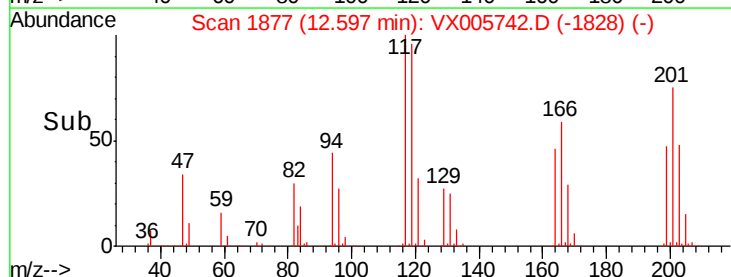
117 100

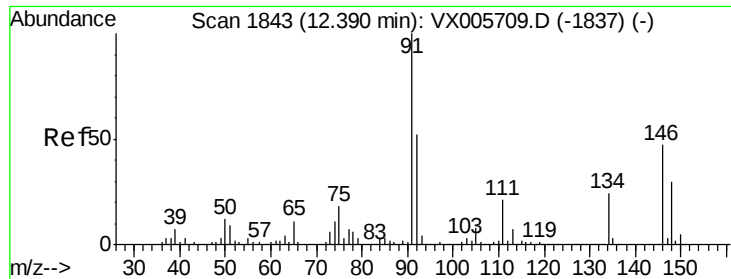
201 77.8 47.9 143.6



Abundance Ion 116.80 (116.50 to 117.50): VX005709.D

Ion 200.70 (200.40 to 201.40): VX005709.D

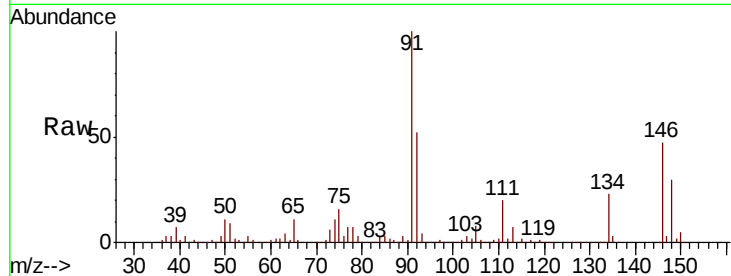




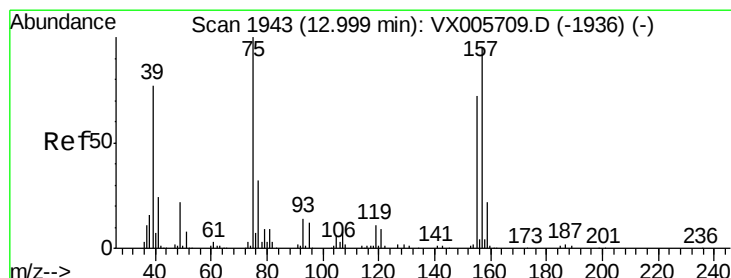
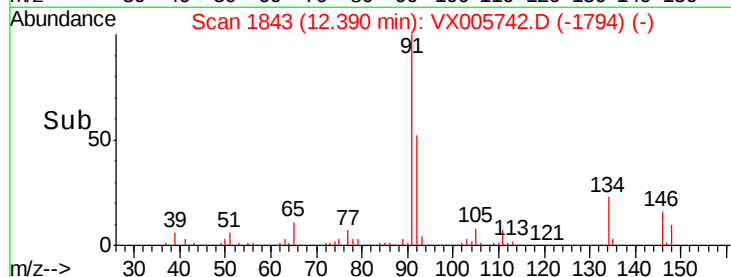
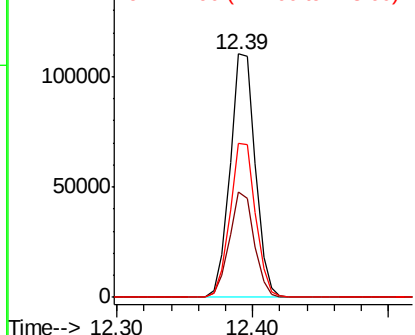
#91
 1,2-Dichlorobenzene
 Concen: 47.946 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX005742.D
 Acq: 01 Nov 2018 20:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 146 Resp: 142129
 Ion Ratio Lower Upper
 146 100
 111 42.5 20.0 59.9
 148 64.0 32.2 96.6

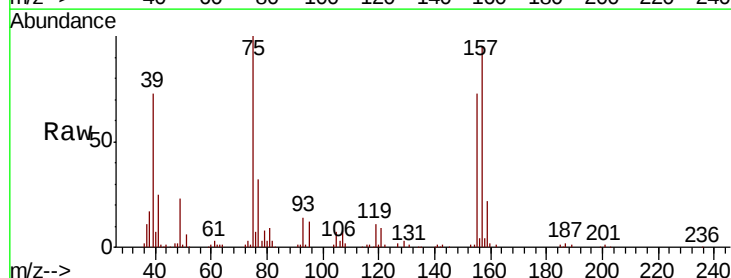


Abundance Ion 145.90 (145.60 to 146.60): V
 150000 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

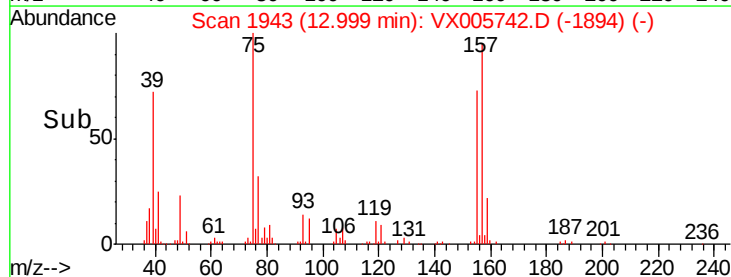
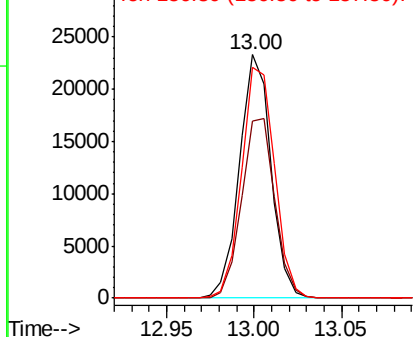


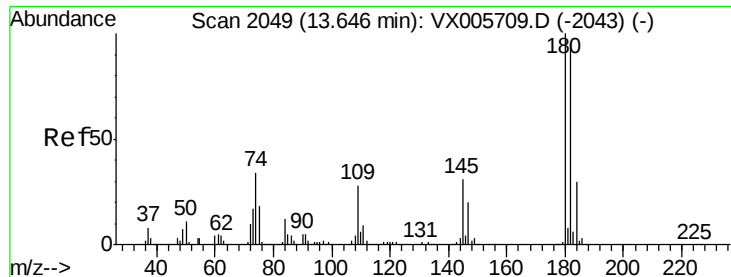
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.690 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX005742.D
 Acq: 01 Nov 2018 20:59

Tgt Ion: 75 Resp: 29179
 Ion Ratio Lower Upper
 75 100
 155 78.1 45.4 136.1
 157 99.2 57.4 172.0



Abundance Ion 74.90 (74.60 to 75.60): VX0
 30000 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

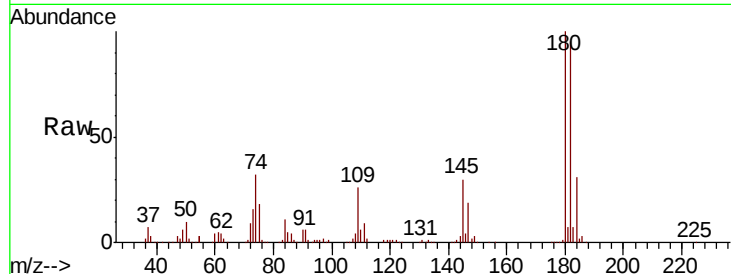




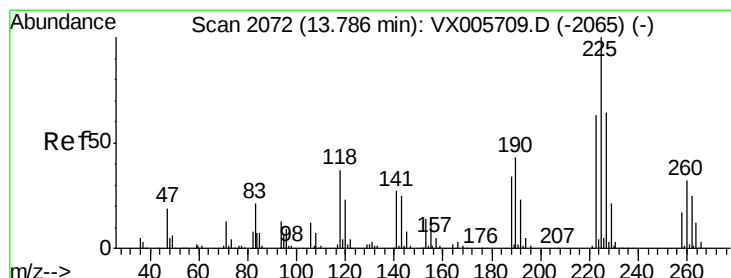
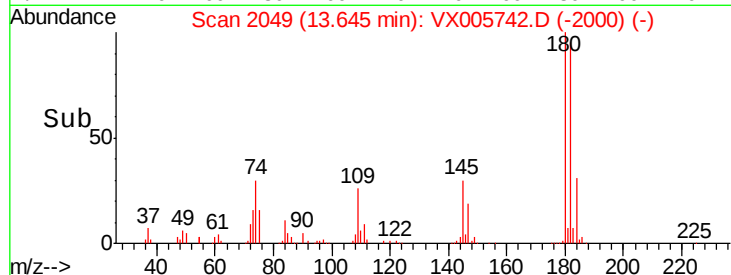
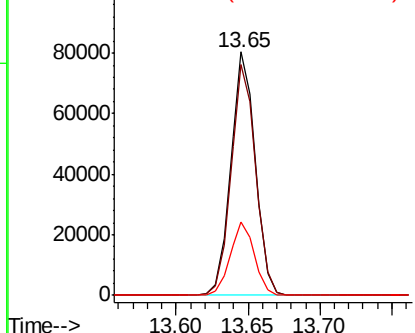
#93
1,2,4-Trichlorobenzene
Concen: 50.313 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. -0.00 min
Lab File: VX005742.D
Acq: 01 Nov 2018 20:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:180 Resp: 95658
Ion Ratio Lower Upper
180 100
182 94.9 47.6 142.8
145 30.0 14.1 42.2

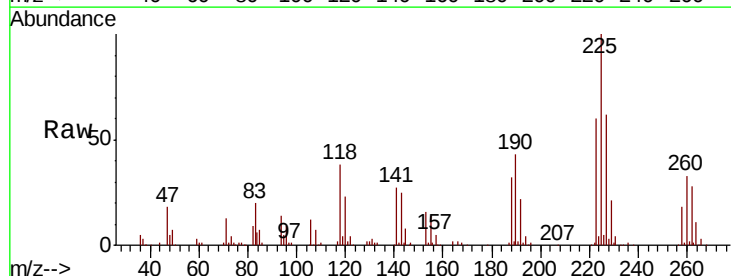


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

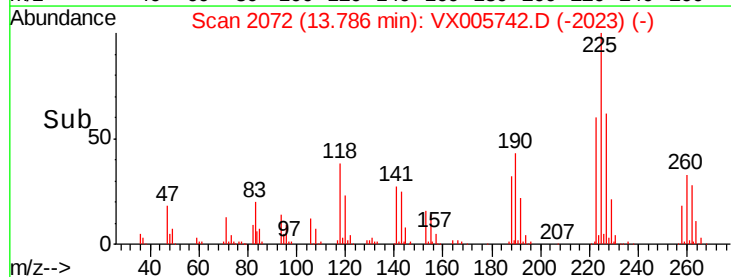
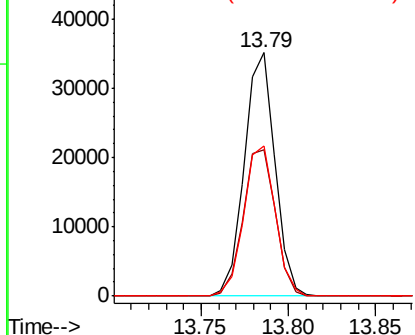


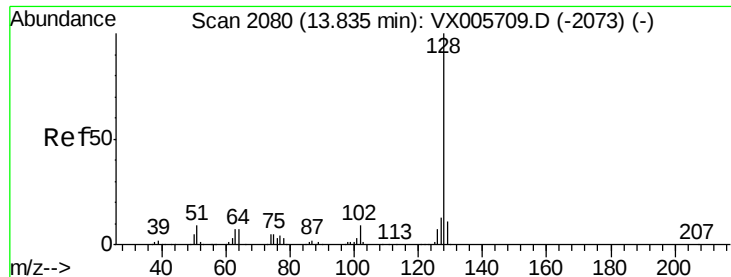
#94
Hexachlorobutadiene
Concen: 46.504 ug/l
RT: 13.79 min Scan# 2072
Delta R.T. -0.00 min
Lab File: VX005742.D
Acq: 01 Nov 2018 20:59

Tgt Ion:225 Resp: 42773
Ion Ratio Lower Upper
225 100
223 63.4 31.7 95.1
227 63.5 32.3 96.9



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

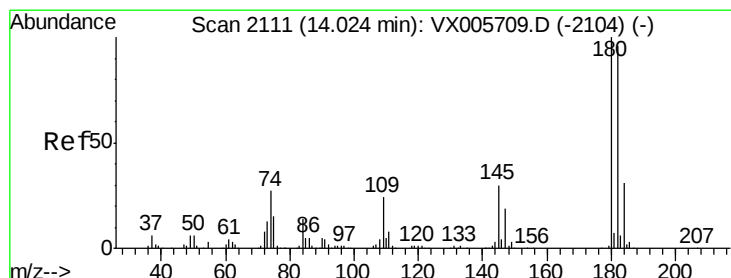
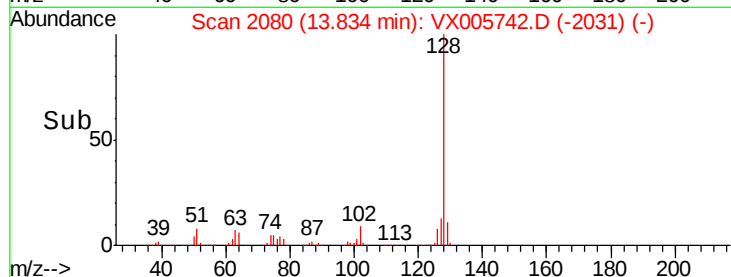
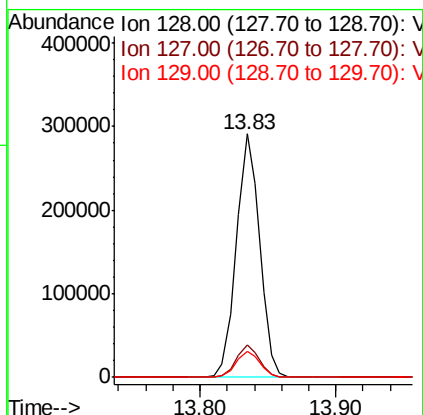
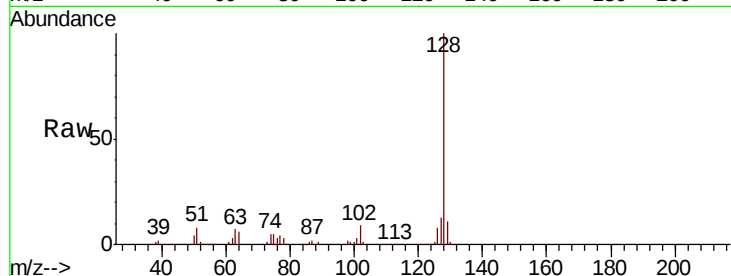




#95
Naphthalene
Concen: 55.393 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX005742.D
Acq: 01 Nov 2018 20:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	10.9	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 51.157 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. -0.00 min
Lab File: VX005742.D
Acq: 01 Nov 2018 20:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	48.0	144.2
145	32.2	15.1	45.3

