

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061019\
 Data File : VX010192.D
 Acq On : 10 Jun 2019 20:50
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 11 02:41:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	246263	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	374721	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	343946	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	179719	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	119327	49.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.28%	
35) Dibromofluoromethane	5.50	113	119224	51.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.16%	
50) Toluene-d8	8.71	98	452837	52.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.54%	
62) 4-Bromofluorobenzene	11.13	95	170474	52.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	118839	52.445	ug/l	99
3) Chloromethane	1.32	50	113262	50.330	ug/l	96
4) Vinyl Chloride	1.41	62	120211	56.837	ug/l	99
5) Bromomethane	1.64	94	46647	58.446	ug/l	98
6) Chloroethane	1.71	64	66914	62.750	ug/l	98
7) Trichlorofluoromethane	1.92	101	182271	58.016	ug/l	99
8) Diethyl Ether	2.19	74	62292	57.526	ug/l	78
9) 1,1,2-Trichlorotrifluoroet	2.38	101	105555	48.741	ug/l	91
10) Methyl Iodide	2.51	142	170994	50.961	ug/l	96
11) Tert butyl alcohol	3.05	59	147618	250.682	ug/l	100
12) 1,1-Dichloroethene	2.37	96	108374	48.994	ug/l #	75
13) Acrolein	2.29	56	34679	322.974	ug/l	99
14) Allyl chloride	2.73	41	157426	47.149	ug/l #	89
15) Acrylonitrile	3.14	53	308604	256.394	ug/l	98
16) Acetone	2.45	43	253516	224.230	ug/l #	87
17) Carbon Disulfide	2.57	76	288299	45.108	ug/l	98
18) Methyl Acetate	2.78	43	123849	49.810	ug/l #	81
19) Methyl tert-butyl Ether	3.20	73	349188	49.137	ug/l	93
20) Methylene Chloride	2.85	84	120047	48.348	ug/l #	77
21) trans-1,2-Dichloroethene	3.17	96	115049	46.999	ug/l #	78
22) Diisopropyl ether	3.85	45	324531	50.837	ug/l #	89
23) Vinyl Acetate	3.81	43	1437412	252.397	ug/l #	88
24) 1,1-Dichloroethane	3.70	63	189665	48.934	ug/l #	93
25) 2-Butanone	4.67	43	422498	250.952	ug/l #	82
26) 2,2-Dichloropropane	4.59	77	145599	41.176	ug/l	91
27) cis-1,2-Dichloroethene	4.59	96	136178	50.006	ug/l	76
28) Bromochloromethane	5.01	49	72061	41.483	ug/l #	48
29) Tetrahydrofuran	5.13	42	272959	257.982	ug/l #	75
30) Chloroform	5.21	83	198876	49.406	ug/l	98
31) Cyclohexane	5.58	56	174913	50.002	ug/l #	78
32) 1,1,1-Trichloroethane	5.49	97	179376	47.401	ug/l	93
36) 1,1-Dichloropropene	5.80	75	144678	47.324	ug/l	92
37) Ethyl Acetate	4.84	43	157100	49.389	ug/l #	90
38) Carbon Tetrachloride	5.78	117	164323	47.488	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	195463	46.954	ug/l #	82
40) Benzene	6.14	78	474590	50.204	ug/l	99
41) Methacrylonitrile	5.04	41	83176	48.340	ug/l #	81
42) 1,2-Dichloroethane	6.20	62	142707	47.286	ug/l	92
43) Isopropyl Acetate	6.45	43	261115	49.096	ug/l #	89
44) Trichloroethene	7.21	130	138868	48.734	ug/l	87
45) 1,2-Dichloropropane	7.51	63	118092	49.910	ug/l	98
46) Dibromomethane	7.66	93	84591	47.721	ug/l	90
47) Bromodichloromethane	7.90	83	160820	48.552	ug/l #	98
48) Methyl methacrylate	7.77	41	123439	49.628	ug/l #	76
49) 1,4-Dioxane	7.74	88	71612	1009.831	ug/l #	79
51) 4-Methyl-2-Pentanone	8.64	43	843030	265.336	ug/l	89
52) Toluene	8.79	92	309484	49.804	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	179565	46.868	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	195535	47.607	ug/l #	88
55) 1,1,2-Trichloroethane	9.21	97	129644	50.942	ug/l	95
56) Ethyl methacrylate	9.18	69	202790	50.444	ug/l #	82
57) 1,3-Dichloropropane	9.37	76	201468	50.284	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	459246	242.323	ug/l #	86
59) 2-Hexanone	9.49	43	667134	263.353	ug/l	87
60) Dibromochloromethane	9.58	129	149479	49.657	ug/l	99
61) 1,2-Dibromoethane	9.67	107	141399	49.887	ug/l	100
64) Tetrachloroethene	9.34	164	125356	49.072	ug/l	96
65) Chlorobenzene	10.14	112	353082	49.738	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	134765	49.366	ug/l	100
67) Ethyl Benzene	10.25	91	599131	49.578	ug/l	94
68) m/p-Xylenes	10.36	106	466889	99.840	ug/l	90
69) o-Xylene	10.69	106	232663	50.051	ug/l	89
70) Styrene	10.71	104	399501	50.743	ug/l	94
71) Bromoform	10.85	173	125170	49.876	ug/l #	98
73) Isopropylbenzene	11.02	105	605641	48.275	ug/l	95
74) N-amyl acetate	10.90	43	243155	49.031	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.27	83	211927	49.349	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	237102	65.958	ug/l	83
77) Bromobenzene	11.26	156	168110	48.728	ug/l	80
78) n-propylbenzene	11.36	91	676018	48.402	ug/l	94
79) 2-Chlorotoluene	11.42	91	399045	47.571	ug/l	90
80) 1,3,5-Trimethylbenzene	11.51	105	510207	48.284	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	74995	46.094	ug/l #	84
82) 4-Chlorotoluene	11.51	91	457680	48.030	ug/l	91
83) tert-Butylbenzene	11.77	119	517370	48.375	ug/l	93
84) 1,2,4-Trimethylbenzene	11.80	105	515691	48.316	ug/l	96
85) sec-Butylbenzene	11.94	105	596750	47.893	ug/l	95
86) p-Isopropyltoluene	12.06	119	551761	48.439	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	297129	48.895	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	292067	47.678	ug/l	98
89) n-Butylbenzene	12.38	91	467905	47.721	ug/l	96
90) Hexachloroethane	12.59	117	106895	47.109	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	294375	49.828	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	45577	45.101	ug/l	63

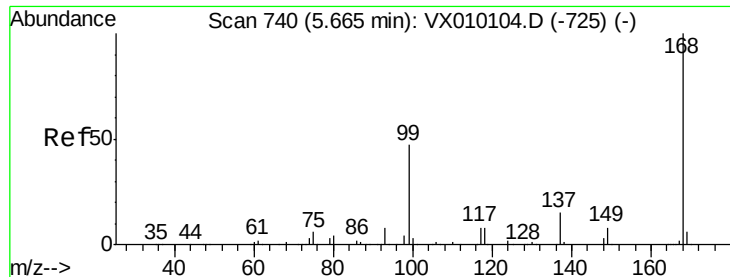
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	205758	47.580	ug/l	99
94) Hexachlorobutadiene	13.78	225	96323	50.084	ug/l	99
95) Naphthalene	13.83	128	661067	48.562	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	205002	47.945	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010192.D

Acq: 10 Jun 2019 20:50

Instrument :

MSVOA_X

ClientSampleId :

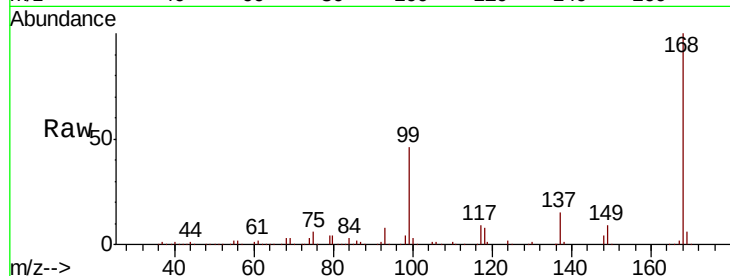
VSTDCCC050EC

Tot Ion:168 Resp: 246263

Ion Ratio Lower Upper

168 100

99 46.3 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

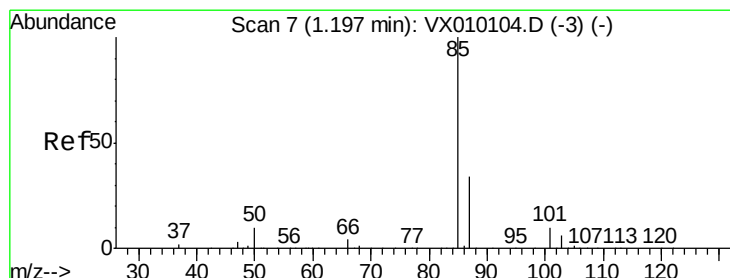
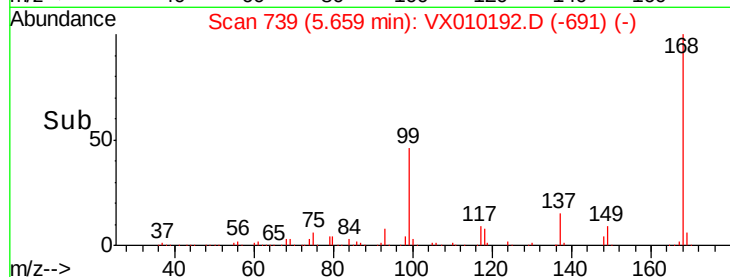
40000

20000

0

Time-->

5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 52.445 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX010192.D

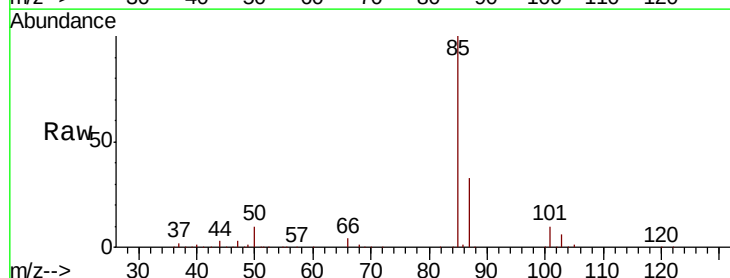
Acq: 10 Jun 2019 20:50

Tgt Ion: 85 Resp: 118839

Ion Ratio Lower Upper

85 100

87 32.8 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

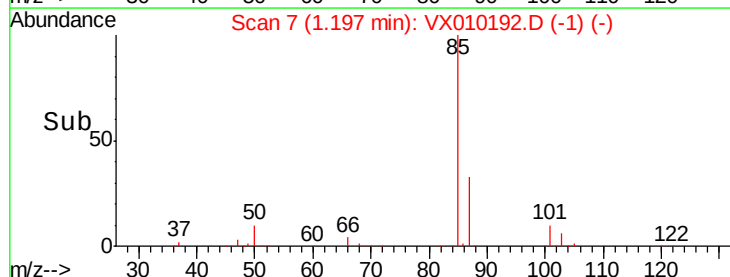
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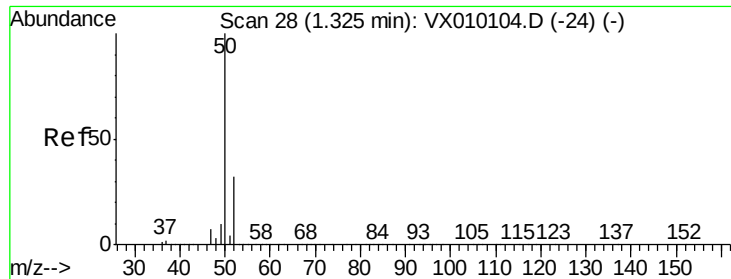
50000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 50.330 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX010192.D

Acq: 10 Jun 2019 20:50

Instrument :

MSVOA_X

ClientSampleId :

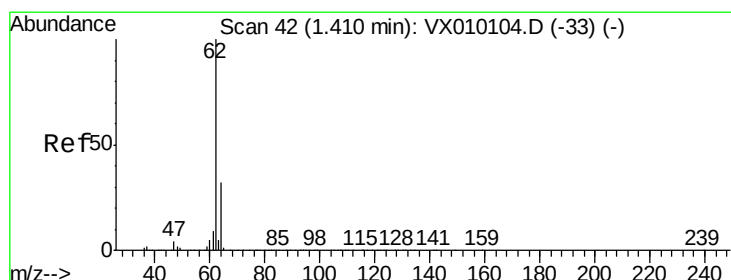
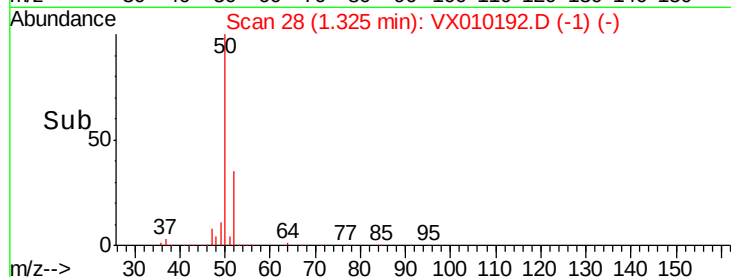
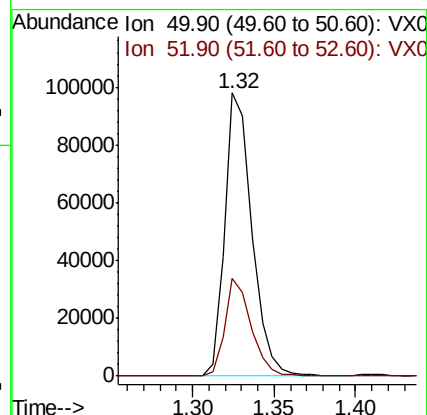
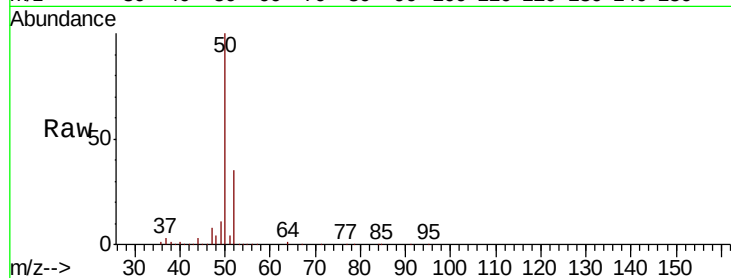
VSTDCCC050EC

Tot Ion: 50 Resp: 113262

Ion Ratio Lower Upper

50 100

52 34.6 26.0 39.0



#4

Vinyl Chloride

Concen: 56.837 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010192.D

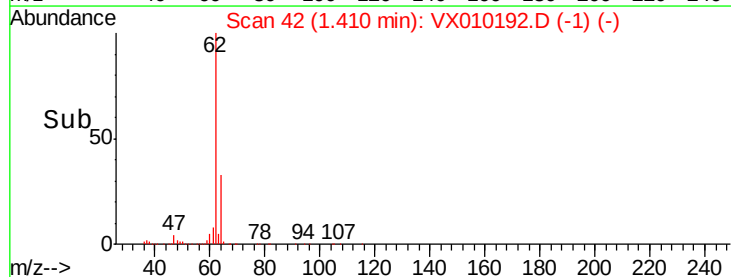
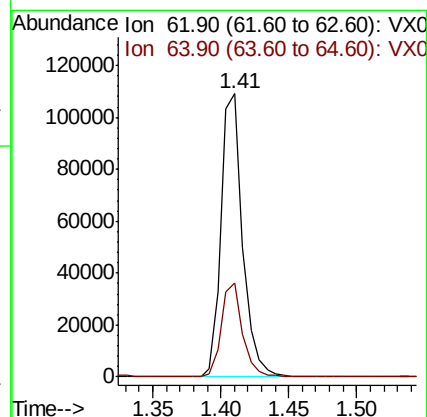
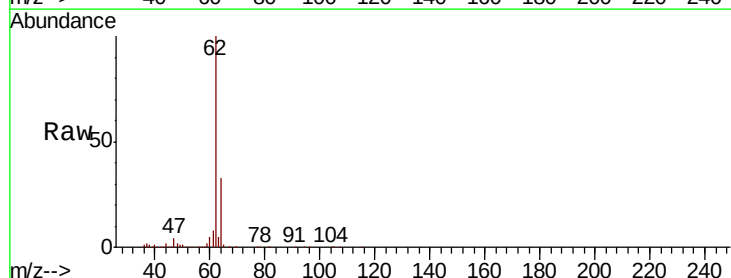
Acq: 10 Jun 2019 20:50

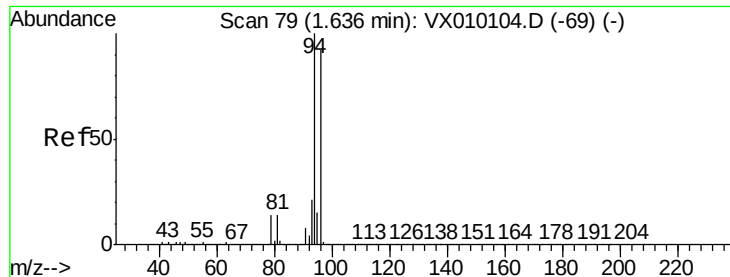
Tgt Ion: 62 Resp: 120211

Ion Ratio Lower Upper

62 100

64 32.9 25.7 38.5





#5

Bromomethane

Concen: 58.446 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX010192.D

Acq: 10 Jun 2019 20:50

Instrument :

MSVOA_X

ClientSampleId :

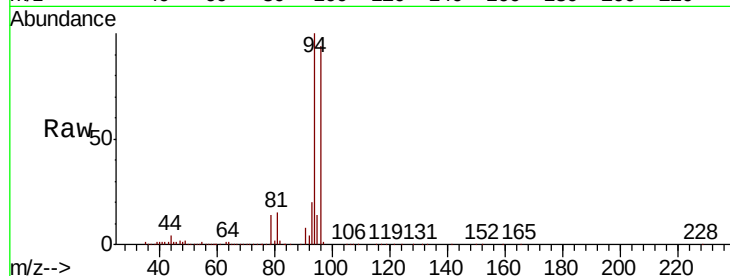
VSTDCCC050EC

Tot Ion: 94 Resp: 46647

Ion Ratio Lower Upper

94 100

96 93.5 76.2 114.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

50000

40000

30000

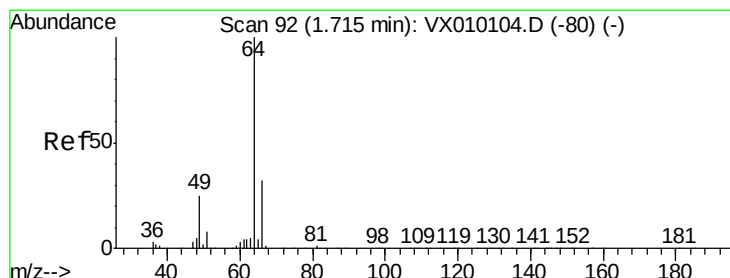
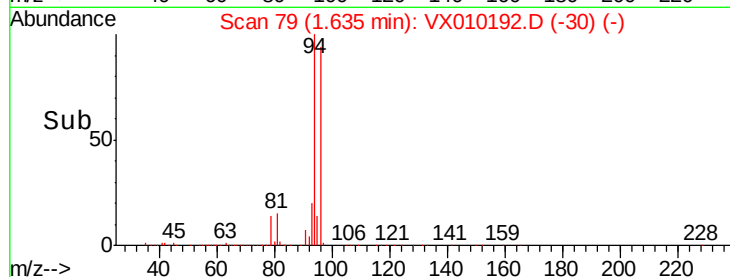
20000

10000

0

Time-->

1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 62.750 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX010192.D

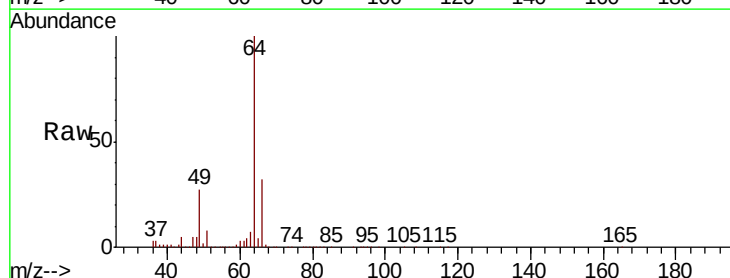
Acq: 10 Jun 2019 20:50

Tgt Ion: 64 Resp: 66914

Ion Ratio Lower Upper

64 100

66 32.4 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

60000

50000

40000

30000

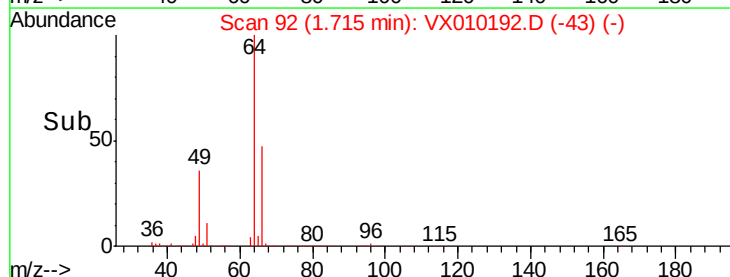
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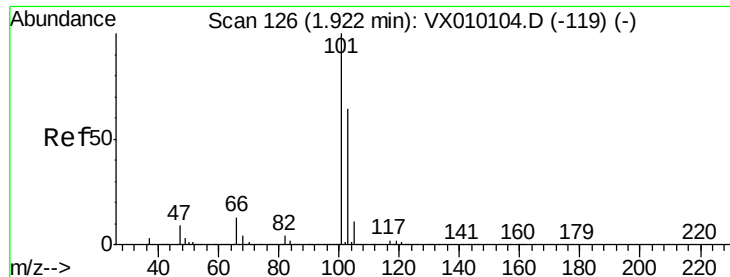
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Time-->

1.60 1.65 1.70 1.75 1.80



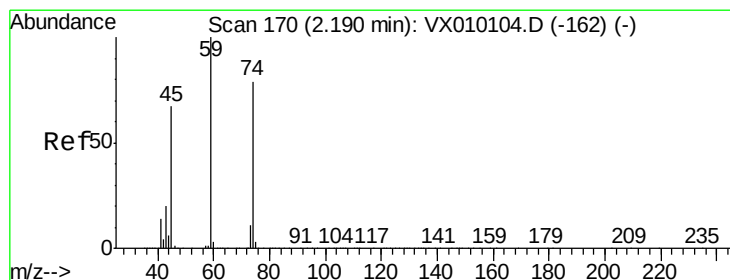
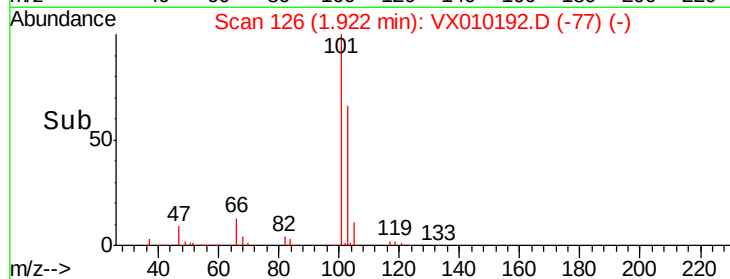
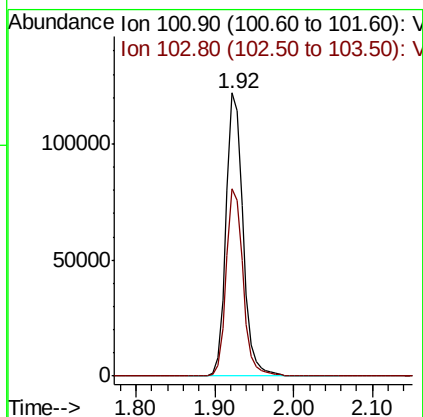
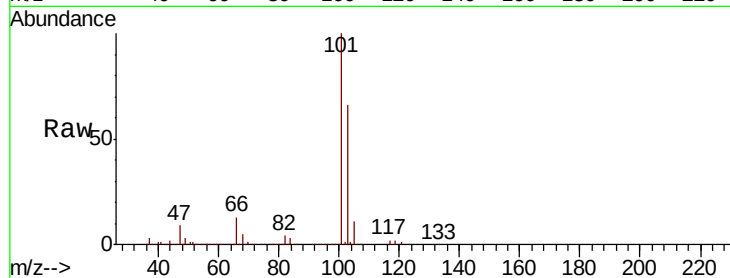


#7

Trichlorofluoromethane
 Concen: 58.016 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.00 min
 Lab File: VX010192.D
 Acq: 10 Jun 2019 20:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

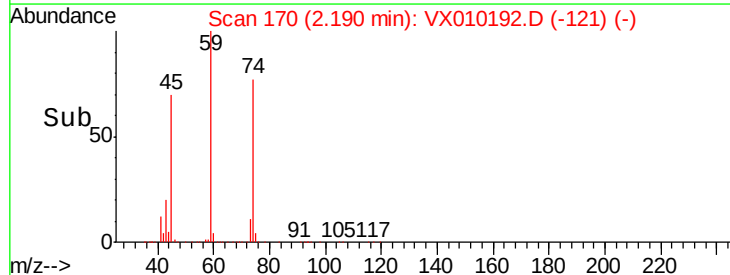
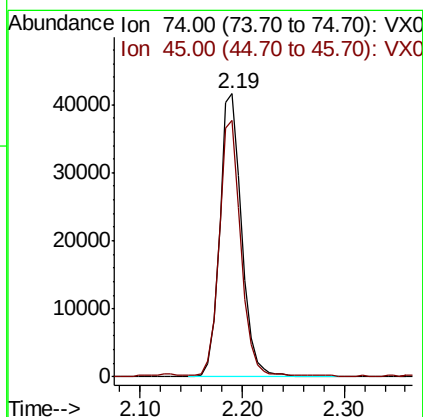
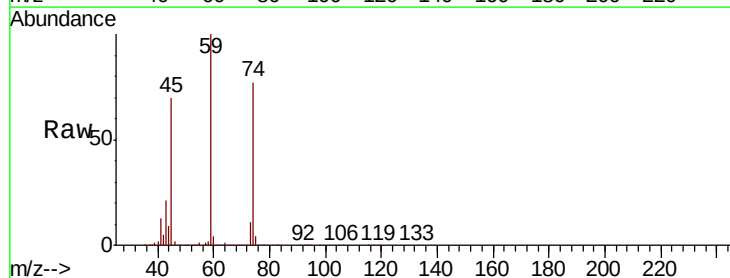
Tot Ion:101 Resp: 182271
 Ion Ratio Lower Upper
 101 100
 103 66.1 52.2 78.4

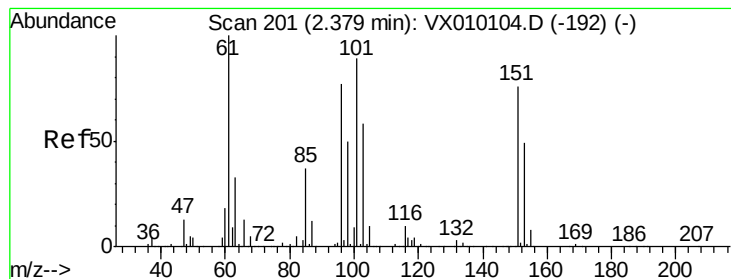


#8

Diethyl Ether
 Concen: 57.526 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX010192.D
 Acq: 10 Jun 2019 20:50

Tgt Ion: 74 Resp: 62292
 Ion Ratio Lower Upper
 74 100
 45 88.2 56.1 168.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.741 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX010192.D

Acq: 10 Jun 2019 20:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

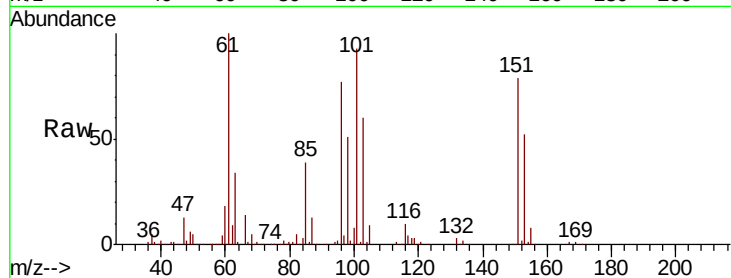
Tot Ion:101 Resp: 105555

Ion Ratio Lower Upper

101 100

85 41.7 35.2 52.8

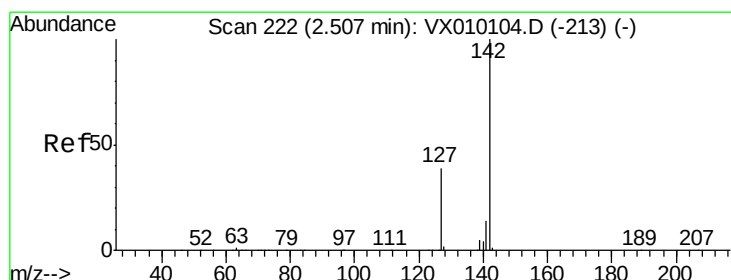
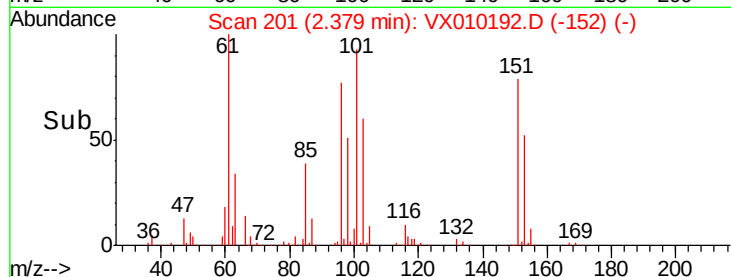
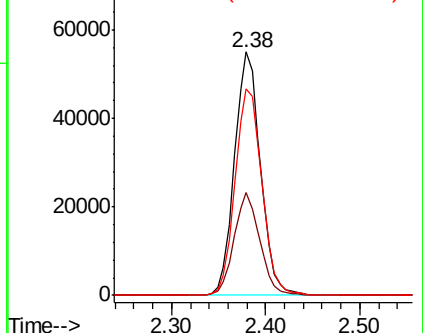
151 87.8 61.9 92.9



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: 50.961 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX010192.D

Acq: 10 Jun 2019 20:50

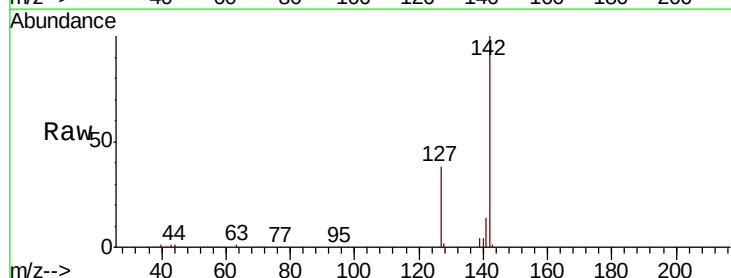
Tgt Ion:142 Resp: 170994

Ion Ratio Lower Upper

142 100

127 38.2 33.0 49.4

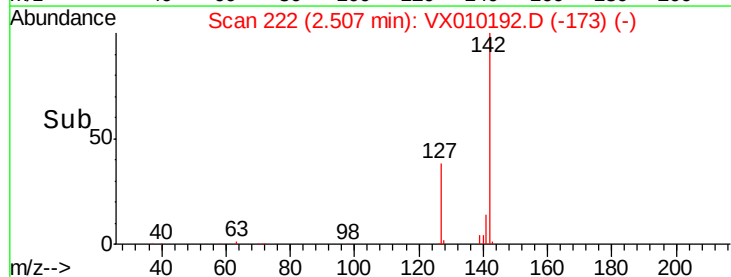
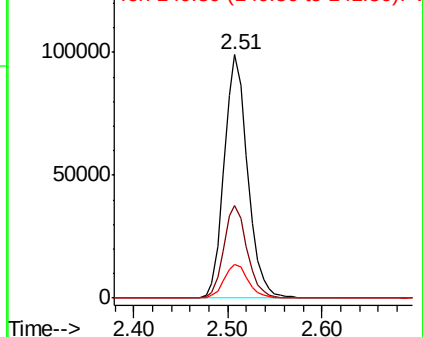
141 14.3 11.4 17.0

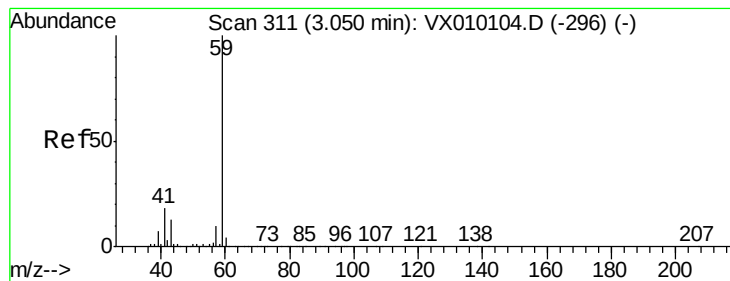


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 250.682 ug/l

RT: 3.05 min Scan# 311

Delta R.T. -0.00 min

Lab File: VX010192.D

Acq: 10 Jun 2019 20:50

Instrument :

MSVOA_X

ClientSampleId :

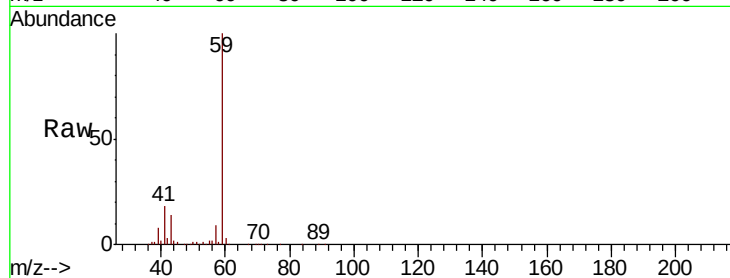
VSTDCCC050EC

Tot Ion: 59 Resp: 147618

Ion Ratio Lower Upper

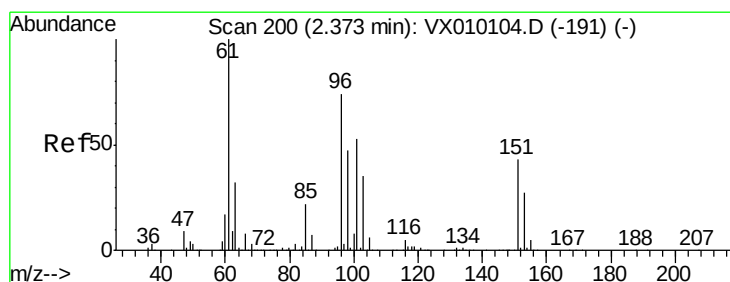
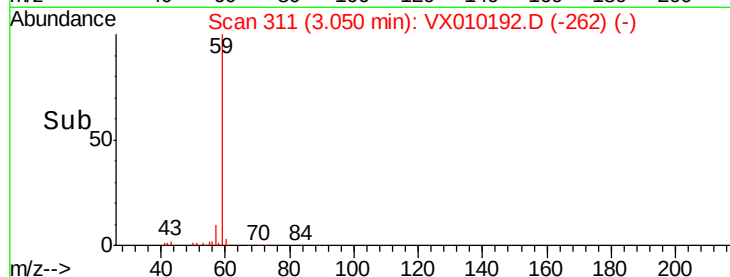
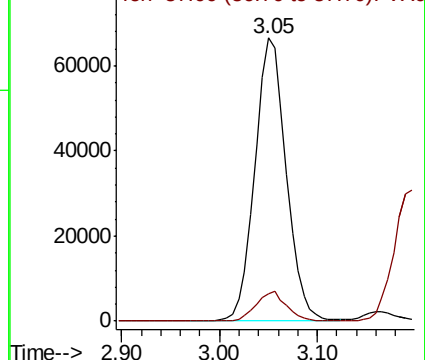
59 100

57 10.3 8.2 12.2



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#12

1,1-Dichloroethene

Concen: 48.994 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.00 min

Lab File: VX010192.D

Acq: 10 Jun 2019 20:50

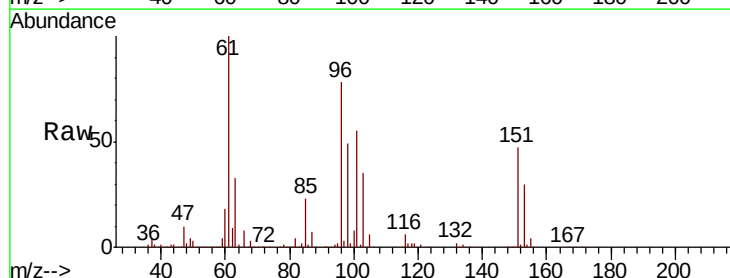
Tgt Ion: 96 Resp: 108374

Ion Ratio Lower Upper

96 100

61 128.3 140.7 211.1#

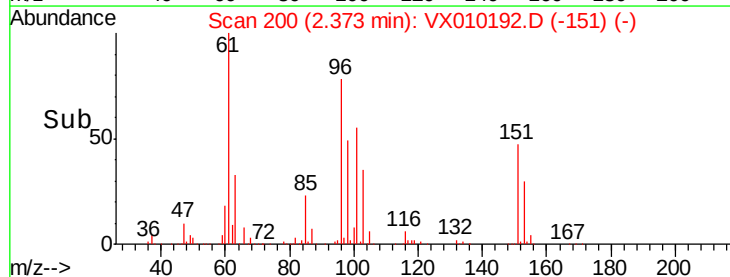
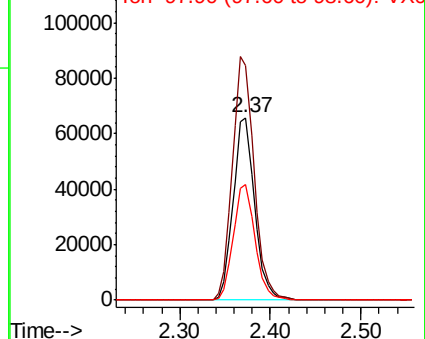
98 63.4 50.1 75.1

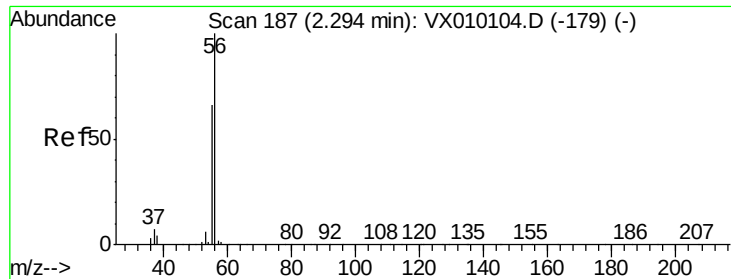


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#13

Acrolein

Concen: 322.974 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX010192.D

Acq: 10 Jun 2019 20:50

Instrument :

MSVOA_X

ClientSampleId :

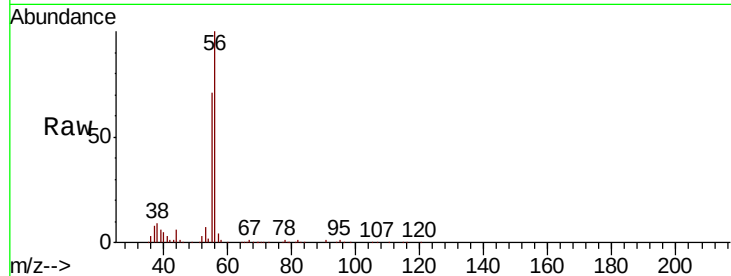
VSTDCCC050EC

Tot Ion: 56 Resp: 34679

Ion Ratio Lower Upper

56 100

55 70.7 57.0 85.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

25000

20000

15000

10000

5000

0

2.29

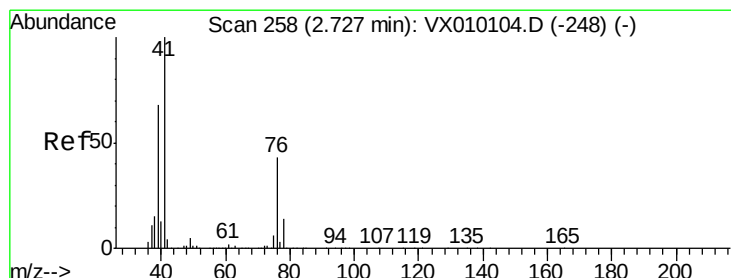
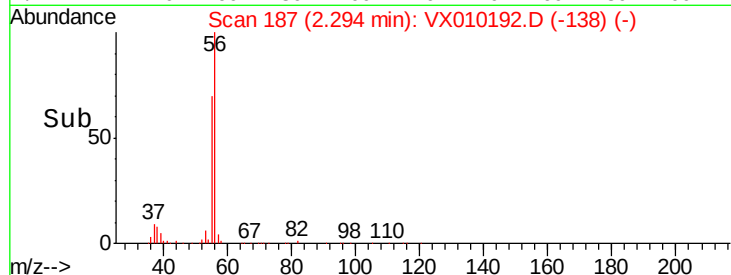
2.25

2.30

2.35

2.40

Time-->



#14

Allyl chloride

Concen: 47.149 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX010192.D

Acq: 10 Jun 2019 20:50

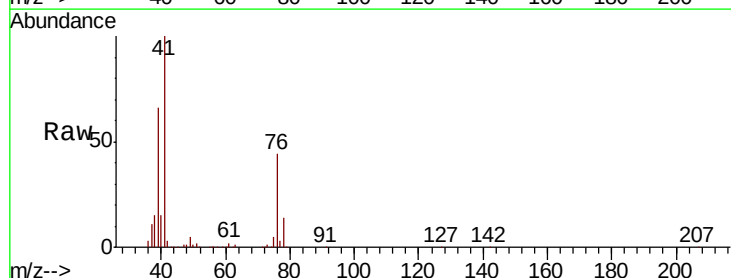
Tgt Ion: 41 Resp: 157426

Ion Ratio Lower Upper

41 100

39 61.6 46.7 70.1

76 39.9 21.0 31.4#



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

100000

80000

60000

40000

20000

0

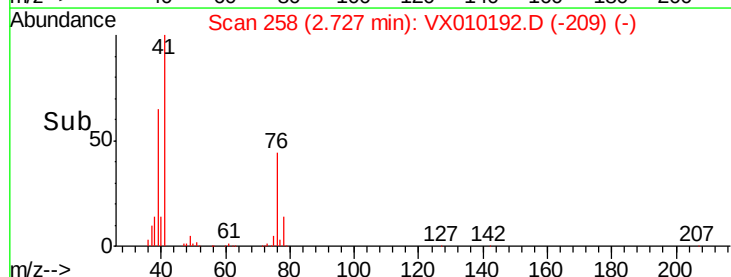
2.73

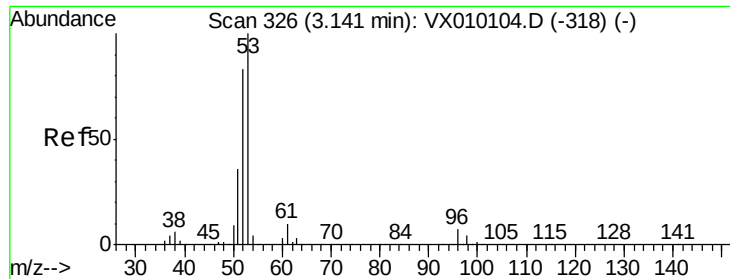
2.60

2.70

2.80

Time-->





#15

Acrylonitrile

Concen: 256.394 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX010192.D

Acq: 10 Jun 2019 20:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

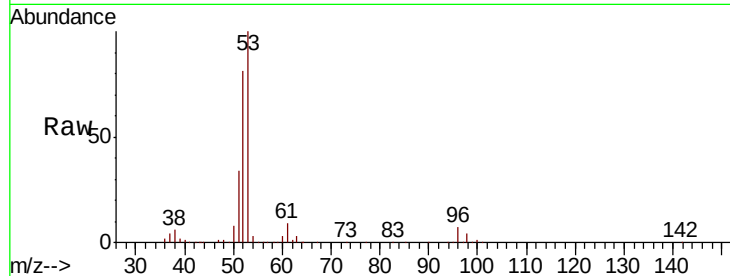
Tot Ion: 53 Resp: 308604

Ion Ratio Lower Upper

53 100

52 82.2 66.7 100.1

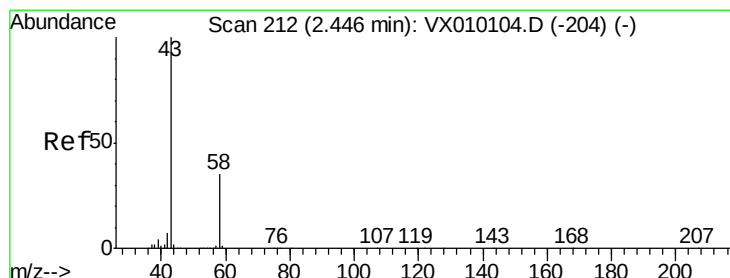
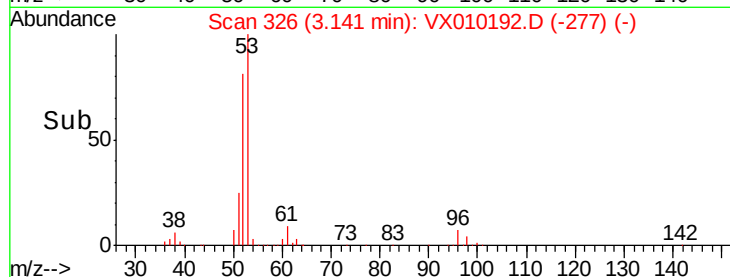
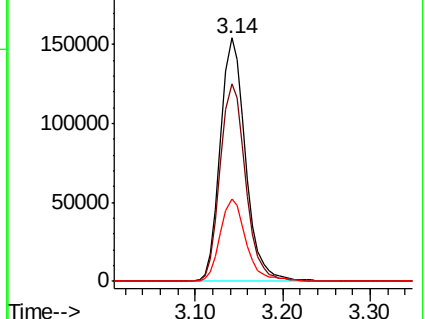
51 34.5 28.8 43.2



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 224.230 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX010192.D

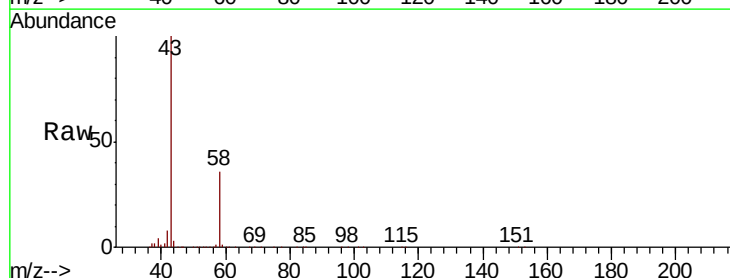
Acq: 10 Jun 2019 20:50

Tgt Ion: 43 Resp: 253516

Ion Ratio Lower Upper

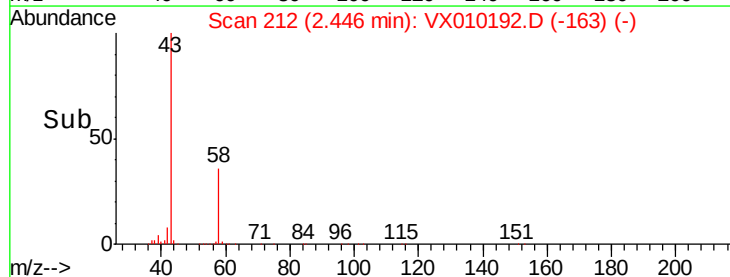
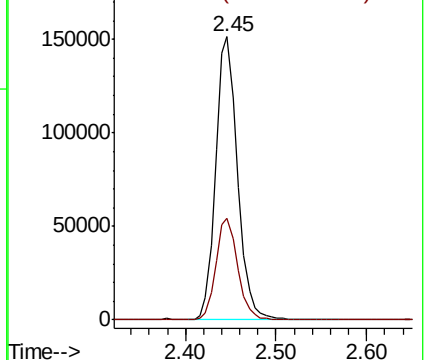
43 100

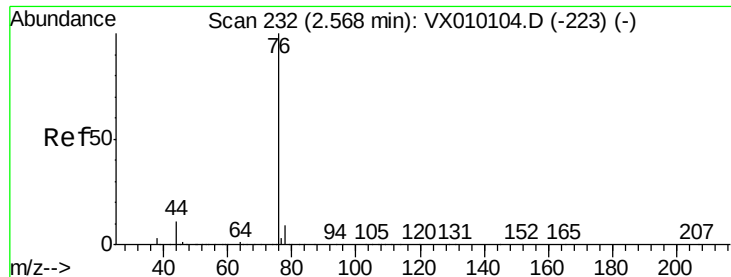
58 35.9 23.2 34.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 45.108 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX010192.D

Acq: 10 Jun 2019 20:50

Instrument :

MSVOA_X

ClientSampleId :

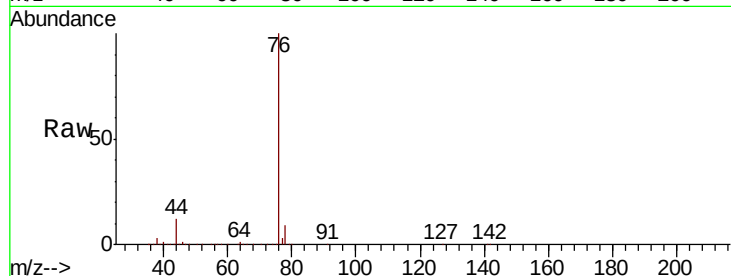
VSTDCCC050EC

Tot Ion: 76 Resp: 288299

Ion Ratio Lower Upper

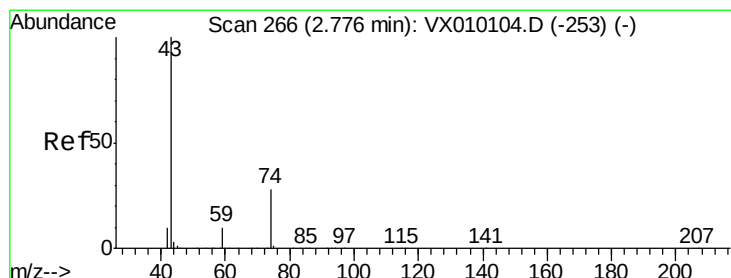
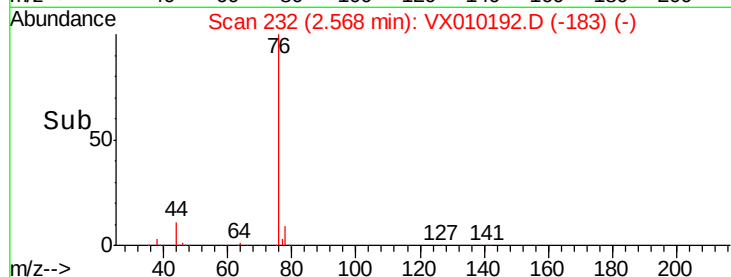
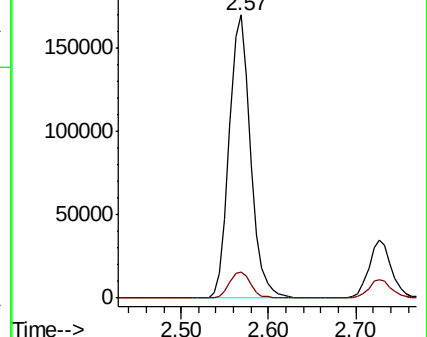
76 100

78 9.4 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 49.810 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX010192.D

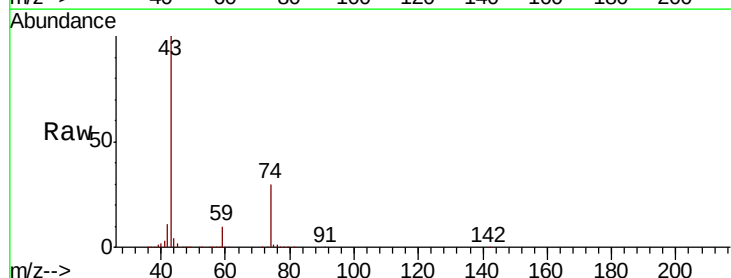
Acq: 10 Jun 2019 20:50

Tgt Ion: 43 Resp: 123849

Ion Ratio Lower Upper

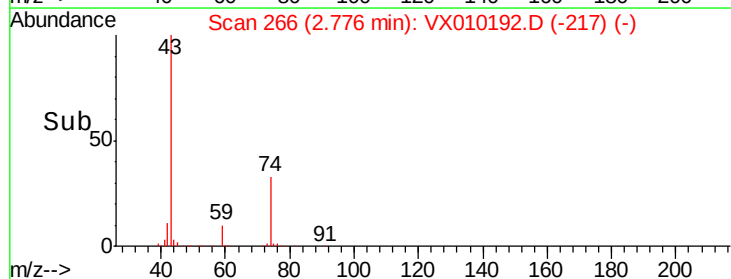
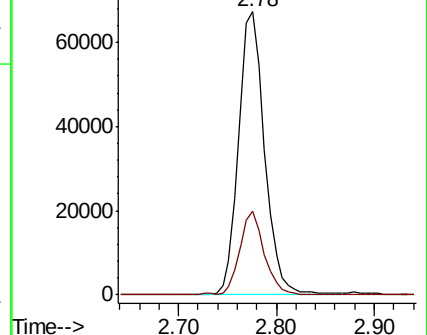
43 100

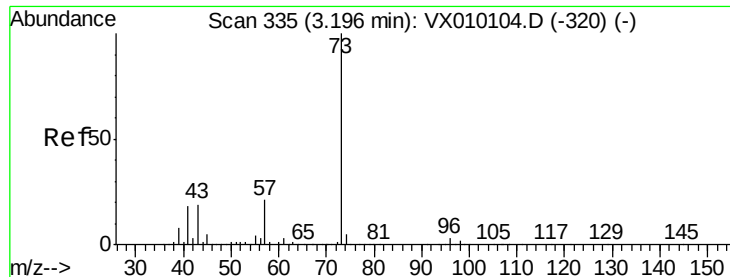
74 28.3 15.8 23.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



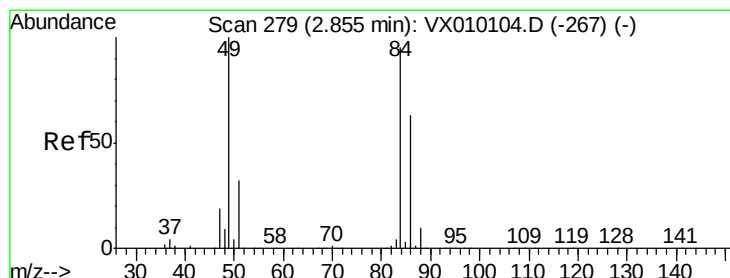
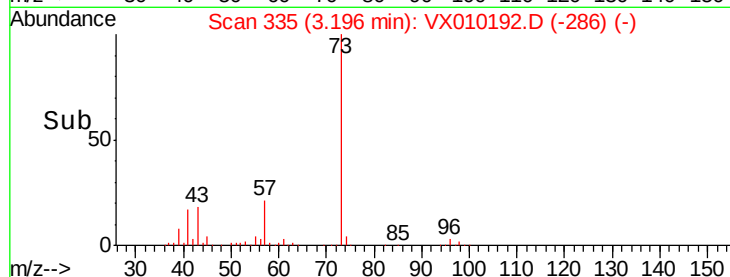
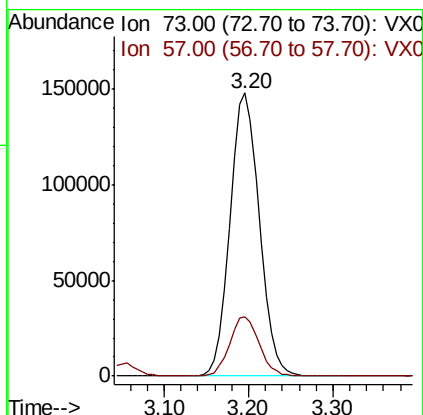
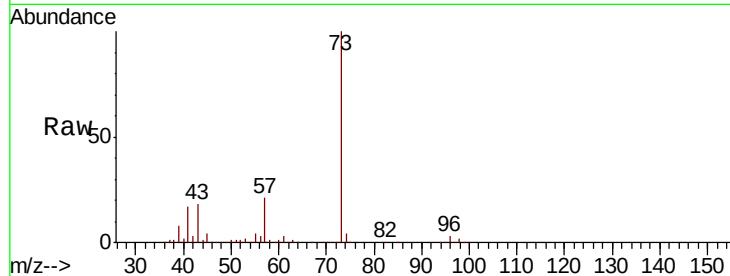


#19

Methvl tert-butyl Ether
 Concen: 49.137 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. -0.00 min
 Lab File: VX010192.D
 Acq: 10 Jun 2019 20:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

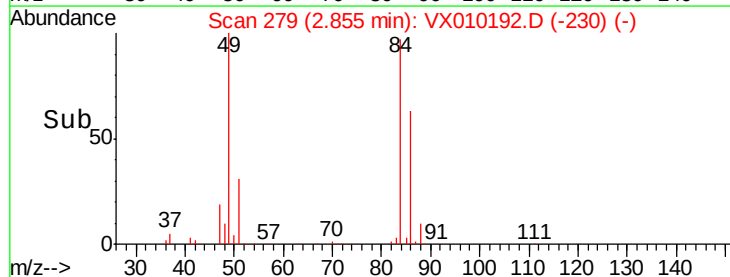
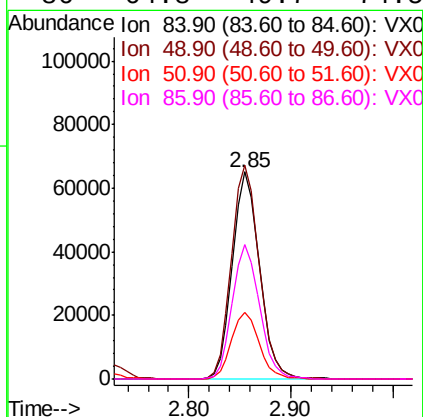
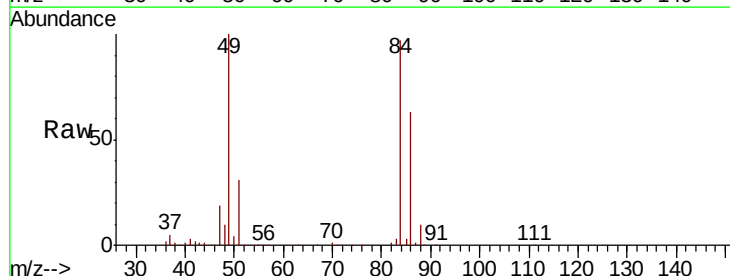
Tot Ion: 73 Resp: 349188
 Ion Ratio Lower Upper
 73 100
 57 20.8 19.4 29.2

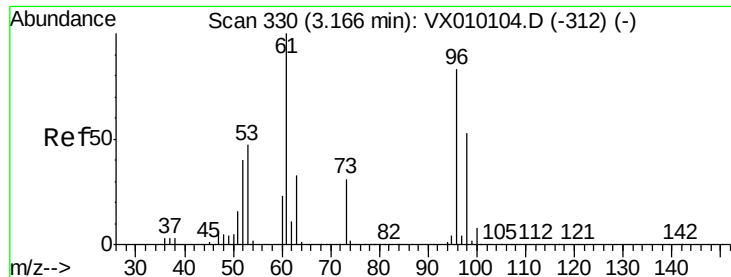


#20

Methylene Chloride
 Concen: 48.348 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX010192.D
 Acq: 10 Jun 2019 20:50

Tgt Ion: 84 Resp: 120047
 Ion Ratio Lower Upper
 84 100
 49 103.2 115.8 173.6#
 51 32.3 34.4 51.6#
 86 64.8 49.7 74.5





#21

trans-1,2-Dichloroethene

Concen: 46.999 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX010192.D

Acq: 10 Jun 2019 20:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

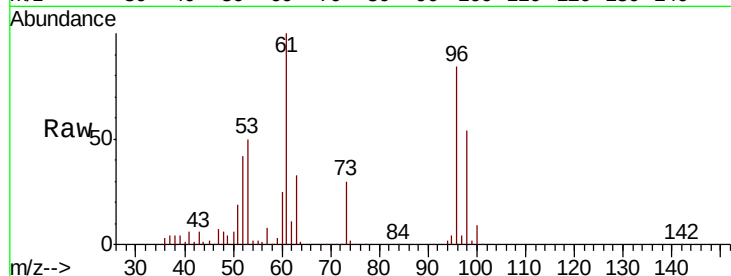
Tot Ion: 96 Resp: 115049

Ion Ratio Lower Upper

96 100

61 118.9 125.7 188.5#

98 64.0 49.0 73.6

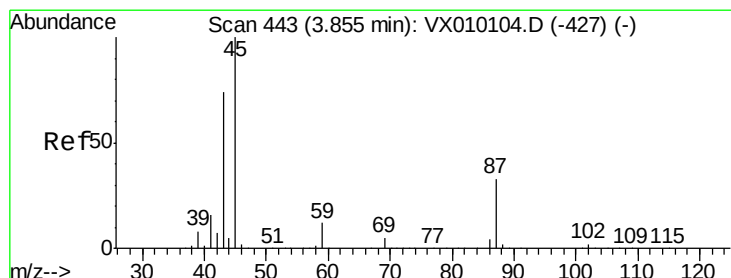
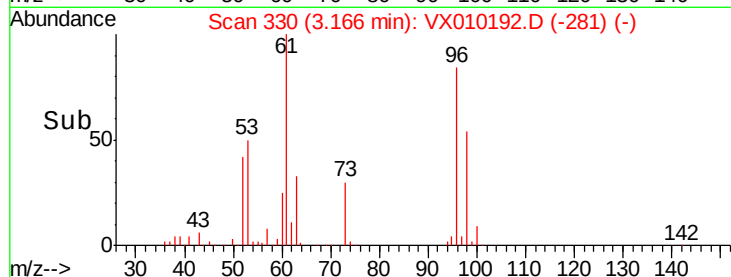
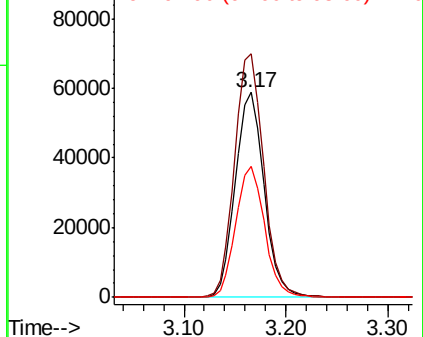


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 50.837 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX010192.D

Acq: 10 Jun 2019 20:50

Tgt Ion: 45 Resp: 324531

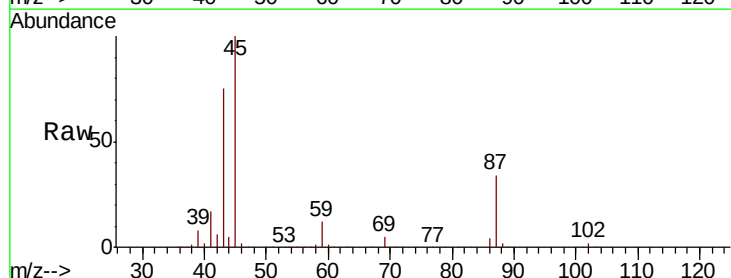
Ion Ratio Lower Upper

45 100

43 74.8 65.0 97.4

87 33.5 17.3 25.9#

59 12.3 8.1 12.1#



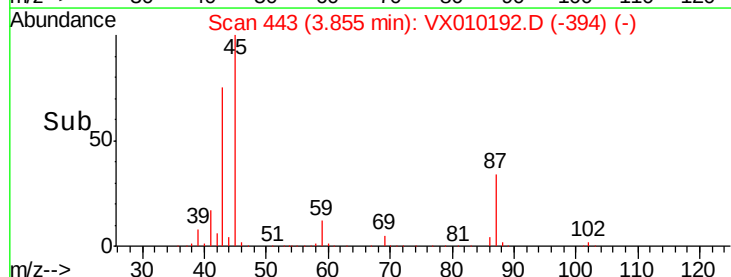
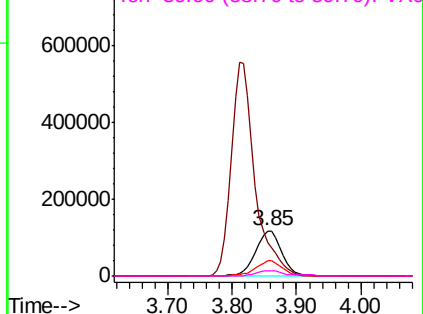
Abundance

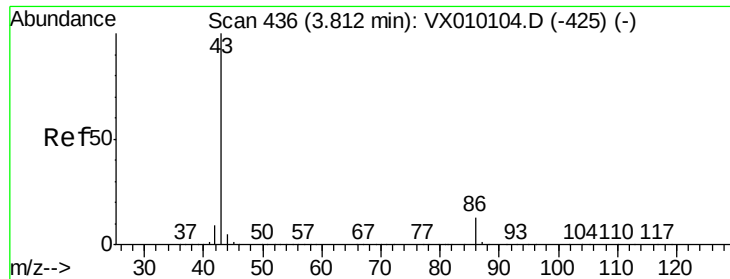
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 252.397 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.00 min

Lab File: VX010192.D

Acq: 10 Jun 2019 20:50

Instrument :

MSVOA_X

ClientSampleId :

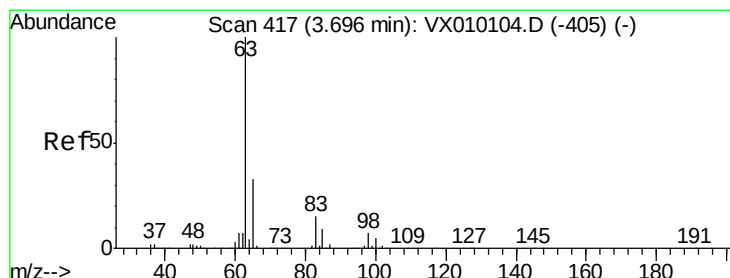
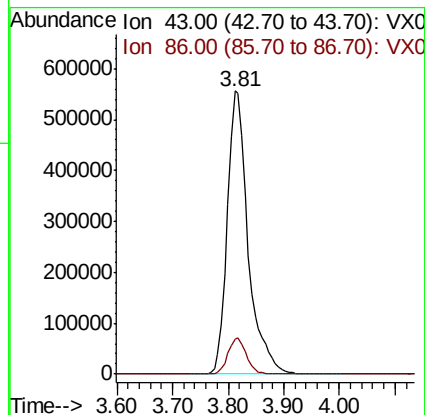
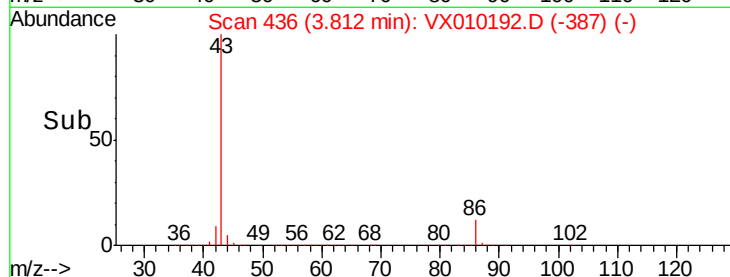
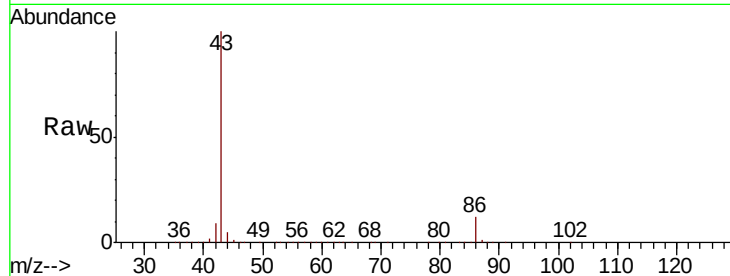
VSTDCCC050EC

Tot Ion: 43 Resp: 1437412

Ion Ratio Lower Upper

43 100

86 12.3 6.5 9.7#



#24

1,1-Dichloroethane

Concen: 48.934 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX010192.D

Acq: 10 Jun 2019 20:50

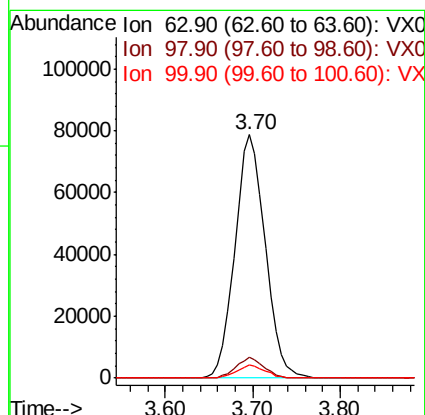
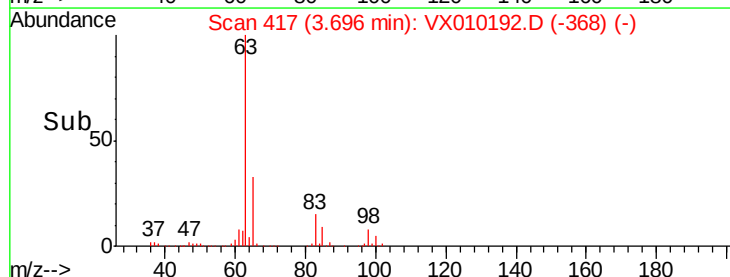
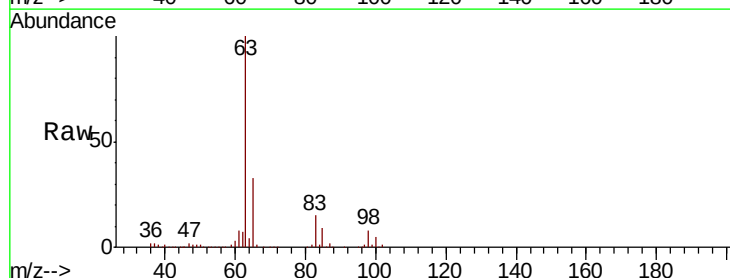
Tgt Ion: 63 Resp: 189665

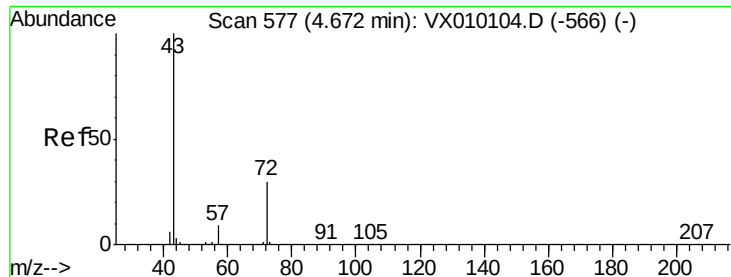
Ion Ratio Lower Upper

63 100

98 8.3 2.9 8.8

100 5.4 1.8 5.4#





#25

2-Butanone

Concen: 250.952 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX010192.D

Acq: 10 Jun 2019 20:50

Instrument :

MSVOA_X

ClientSampleId :

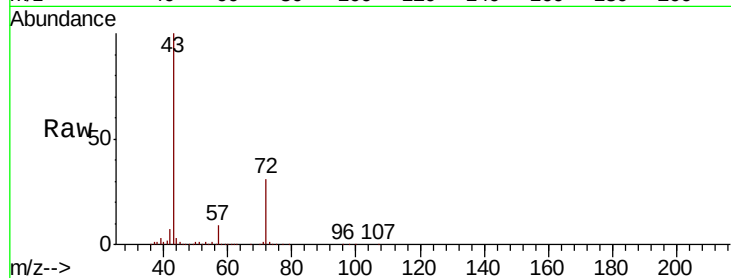
VSTDCCC050EC

Tot Ion: 43 Resp: 422498

Ion Ratio Lower Upper

43 100

72 30.6 17.5 26.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

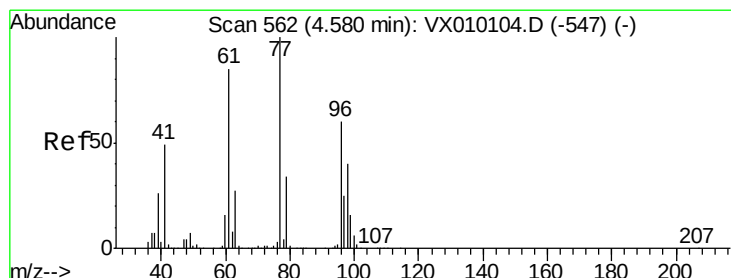
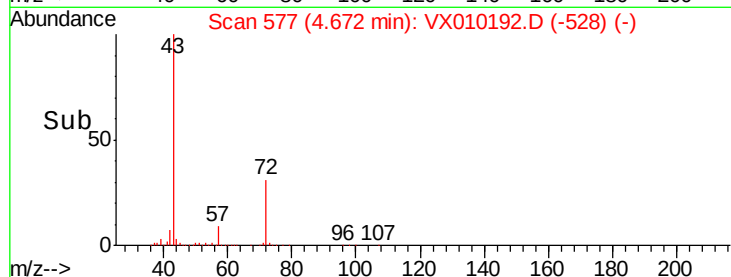
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 41.176 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX010192.D

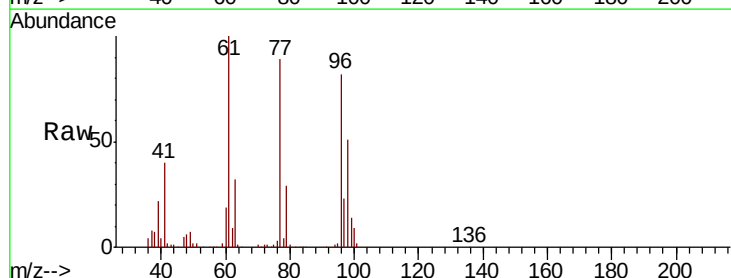
Acq: 10 Jun 2019 20:50

Tgt Ion: 77 Resp: 145599

Ion Ratio Lower Upper

77 100

97 27.0 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

50000

40000

30000

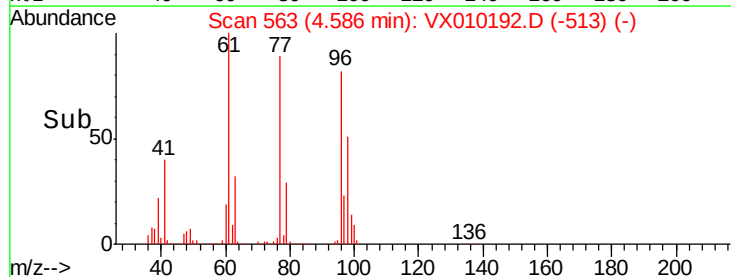
20000

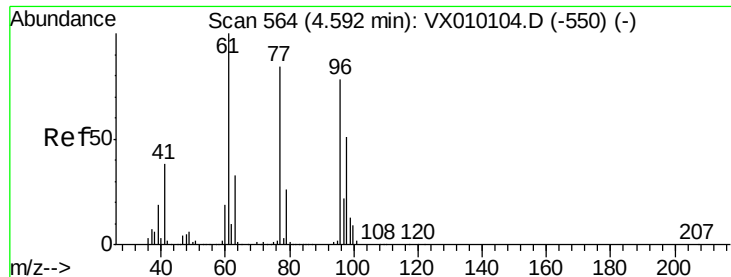
10000

0

4.40 4.50 4.60 4.70

Time-->



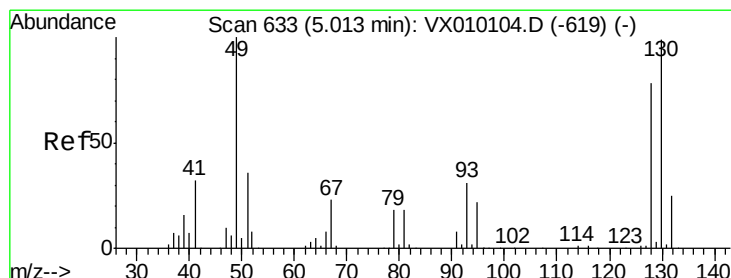
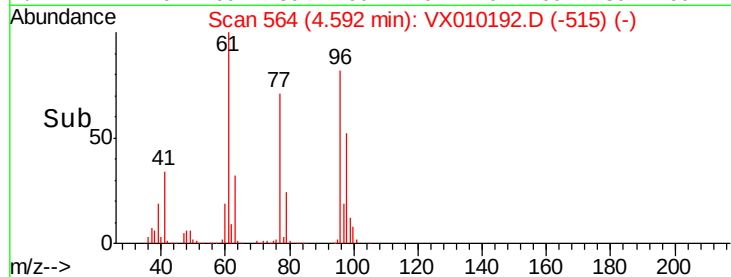
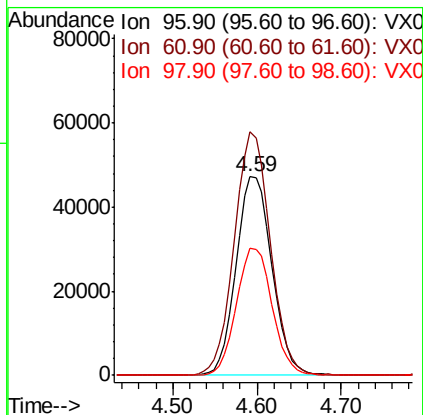
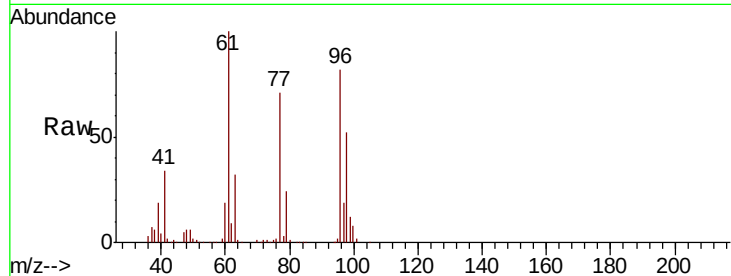


#27

cis-1,2-Dichloroethene
Concen: 50.006 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.00 min
Lab File: VX010192.D
Acq: 10 Jun 2019 20:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

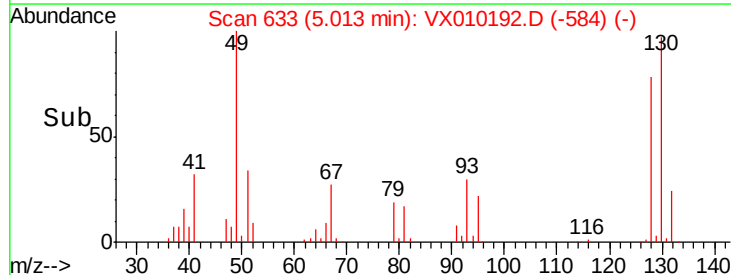
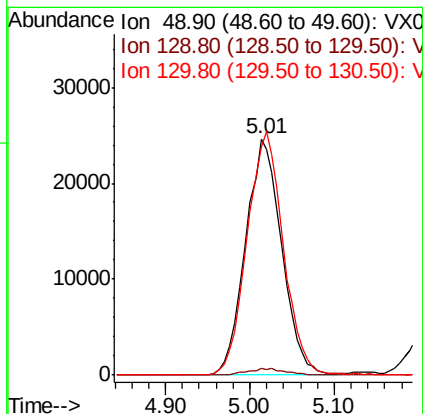
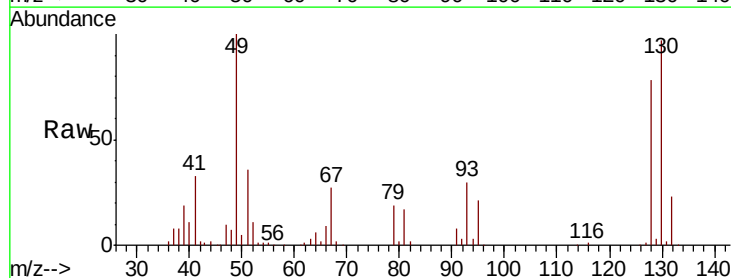
Tot Ion	96	Resp	136178
Ion Ratio	Lower	Upper	
96	100		
61	123.7	0.0	334.0
98	64.1	0.0	131.6

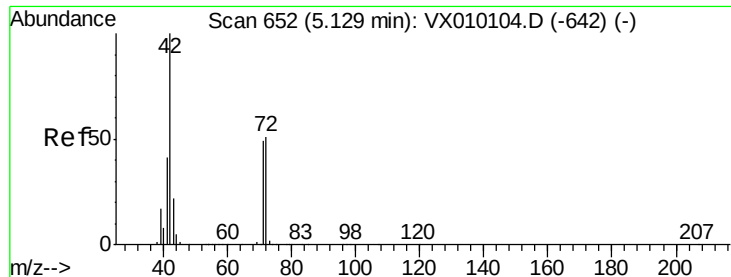


#28

Bromochloromethane
Concen: 41.483 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.00 min
Lab File: VX010192.D
Acq: 10 Jun 2019 20:50

Tgt Ion	49	Resp	72061
Ion Ratio	Lower	Upper	
49	100		
129	2.8	0.0	3.4
130	102.9	49.4	74.2#





#29

Tetrahydrofuran

Concen: 257.982 ug/l

RT: 5.13 min Scan# 652

Delta R.T. -0.00 min

Lab File: VX010192.D

Acq: 10 Jun 2019 20:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

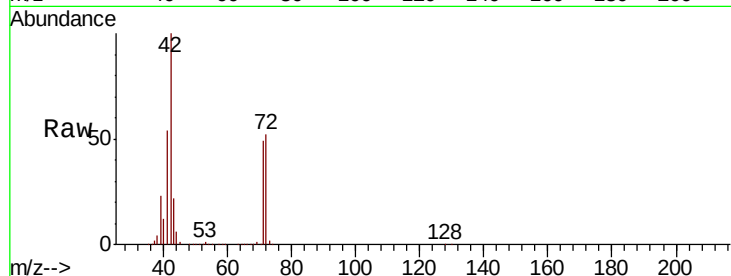
Tot Ion: 42 Resp: 272959

Ion Ratio Lower Upper

42 100

72 52.2 29.2 43.8#

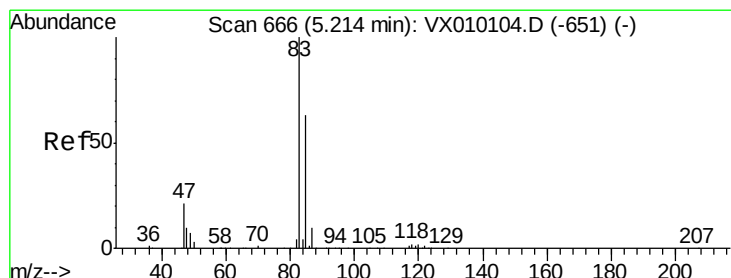
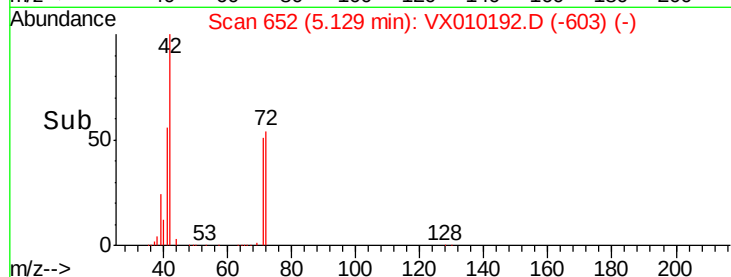
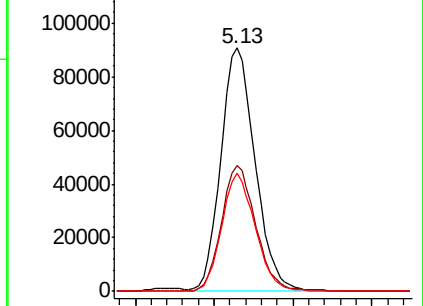
71 48.1 27.6 41.4#



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 49.406 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.01 min

Lab File: VX010192.D

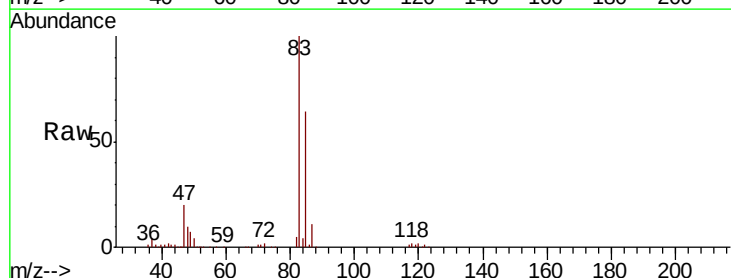
Acq: 10 Jun 2019 20:50

Tgt Ion: 83 Resp: 198876

Ion Ratio Lower Upper

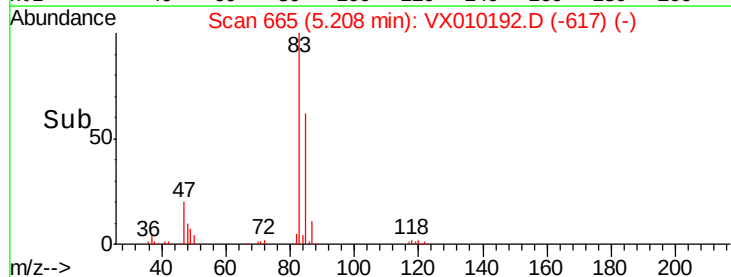
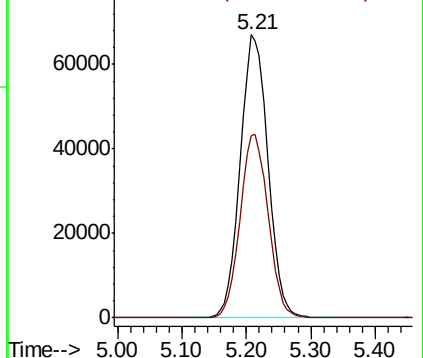
83 100

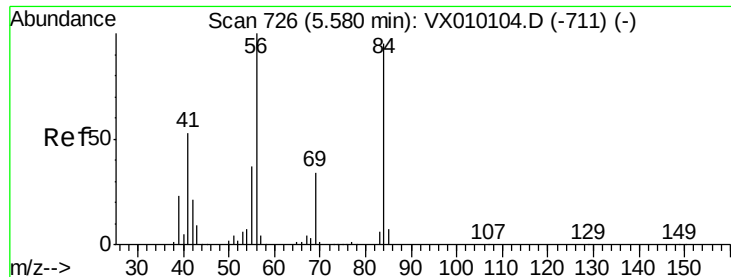
85 64.3 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 50.002 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX010192.D

Acq: 10 Jun 2019 20:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

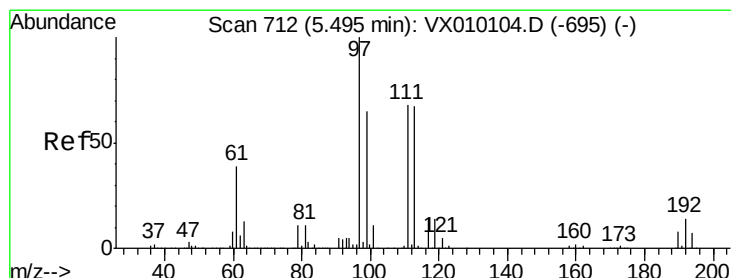
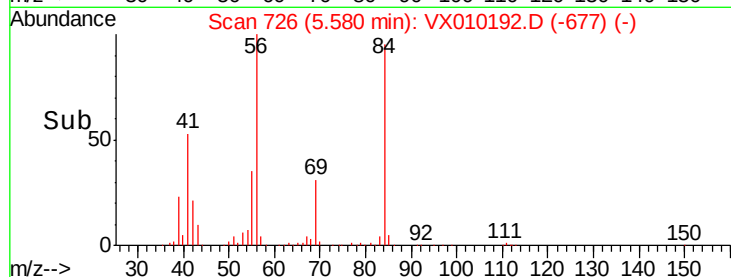
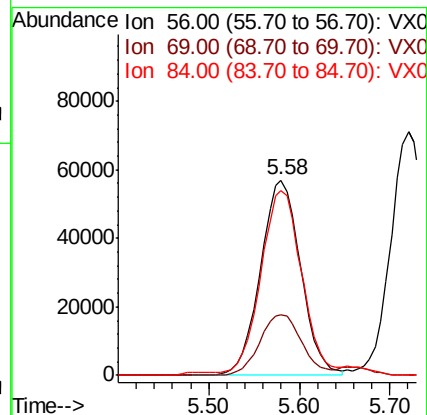
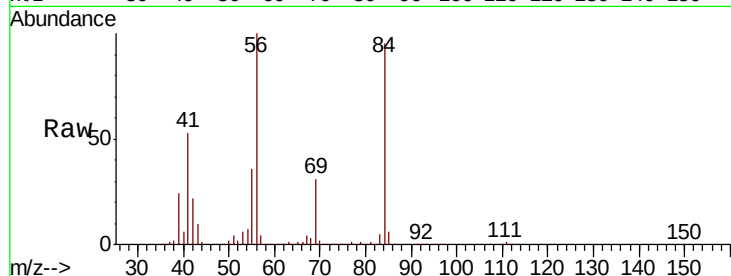
Tot Ion: 56 Resp: 174913

Ion Ratio Lower Upper

56 100

69 31.4 21.6 32.4

84 93.2 56.8 85.2#



#32

1,1,1-Trichloroethane

Concen: 47.401 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX010192.D

Acq: 10 Jun 2019 20:50

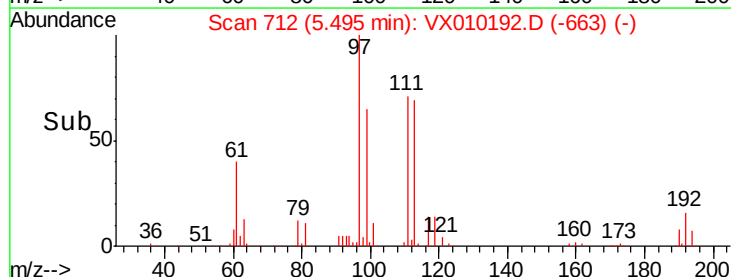
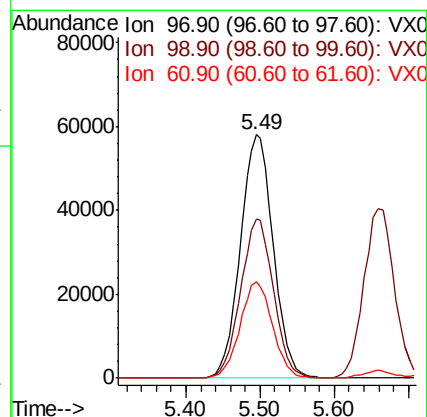
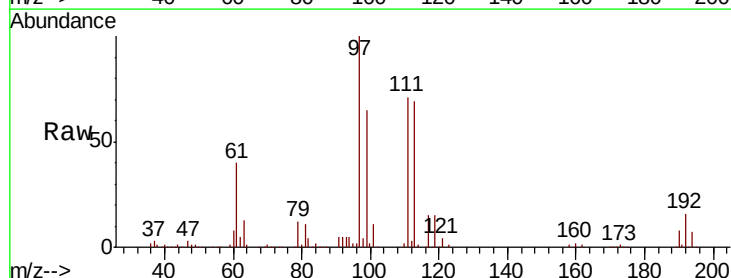
Tgt Ion: 97 Resp: 179376

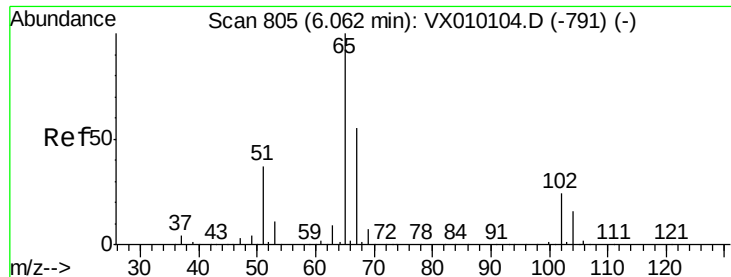
Ion Ratio Lower Upper

97 100

99 65.3 51.0 76.4

61 39.4 38.7 58.1

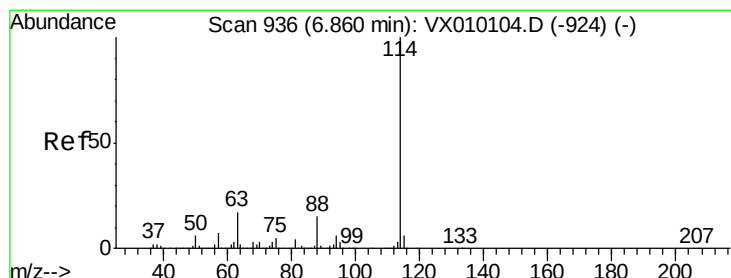
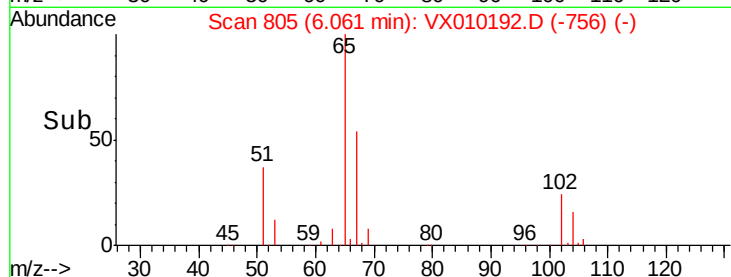
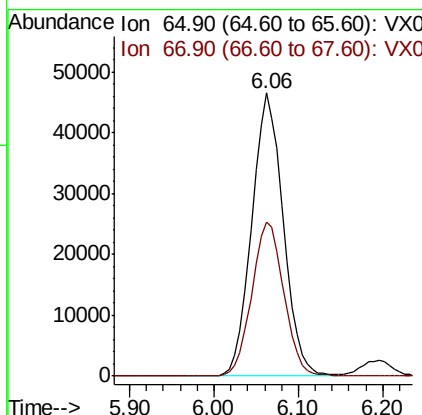
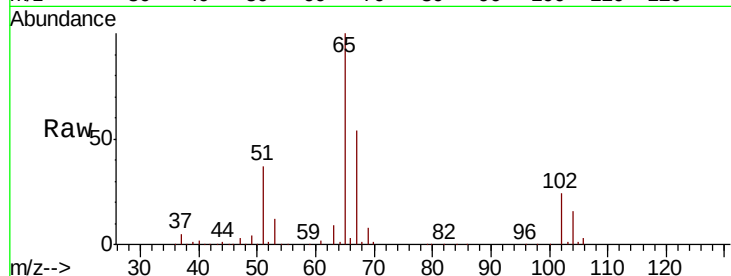




#33
 1,2-Dichloroethane-d4
 Concen: 49.641 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010192.D
 Acq: 10 Jun 2019 20:50

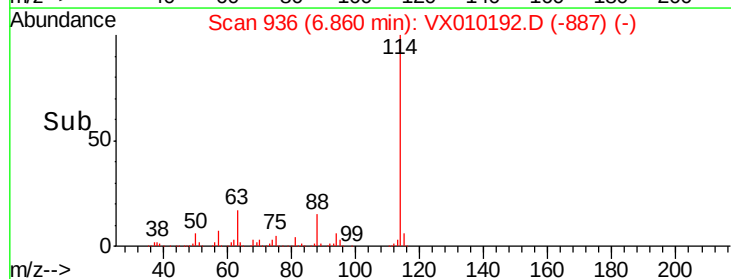
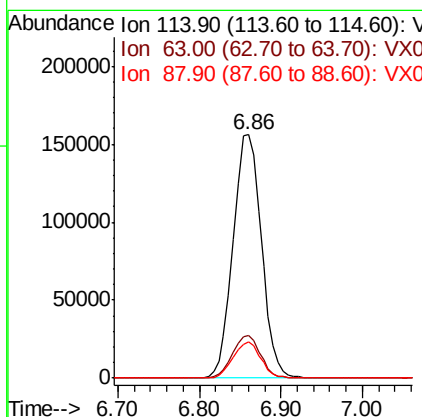
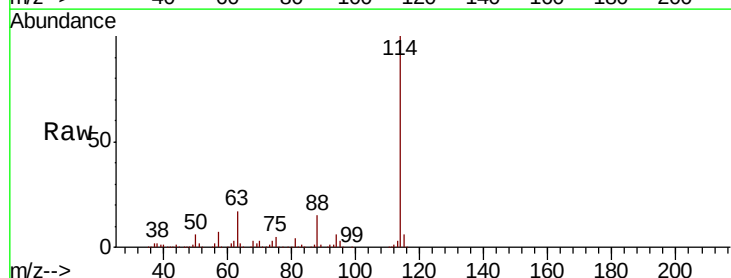
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

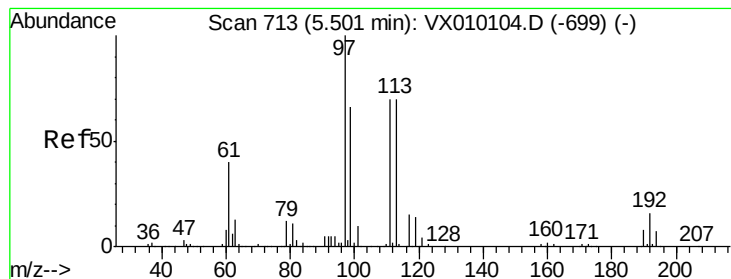
Tot Ion: 65 Resp: 119327
 Ion Ratio Lower Upper
 65 100
 67 55.5 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX010192.D
 Acq: 10 Jun 2019 20:50

Tgt Ion: 114 Resp: 374721
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 47.4
 88 14.7 0.0 33.0





#35

Dibromofluoromethane

Concen: 51.582 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010192.D

Acq: 10 Jun 2019 20:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

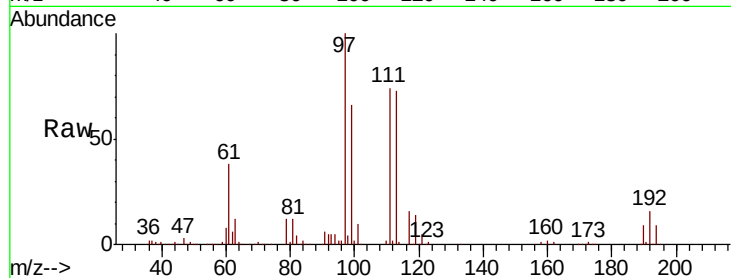
Tot Ion:113 Resp: 119224

Ion Ratio Lower Upper

113 100

111 102.1 82.2 123.2

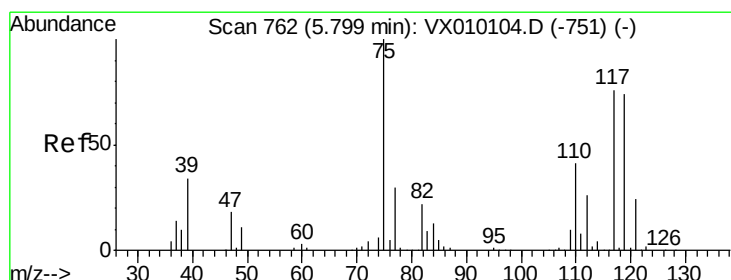
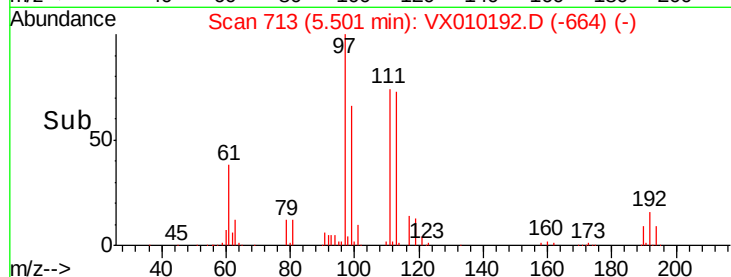
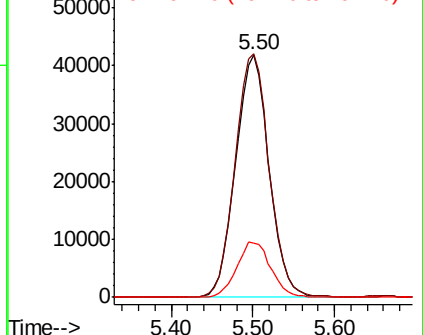
192 23.1 17.1 25.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 47.324 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX010192.D

Acq: 10 Jun 2019 20:50

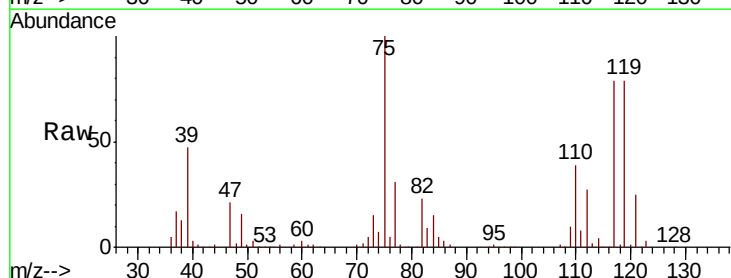
Tgt Ion: 75 Resp: 144678

Ion Ratio Lower Upper

75 100

110 41.9 16.7 50.1

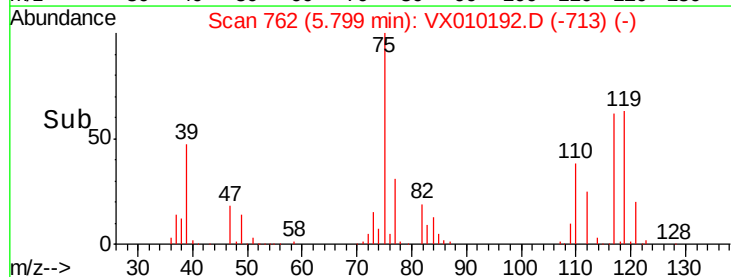
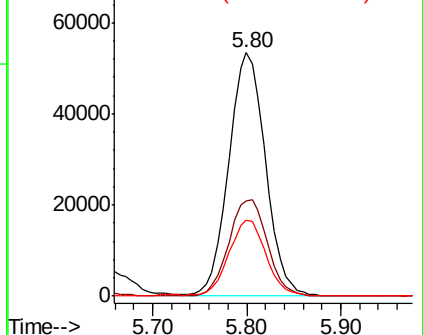
77 31.8 25.0 37.4

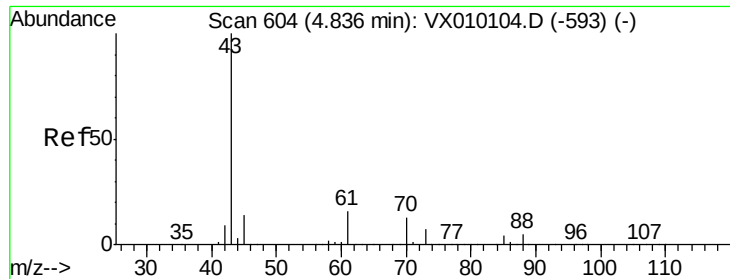


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 49.389 ug/l

RT: 4.84 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX010192.D

Acq: 10 Jun 2019 20:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

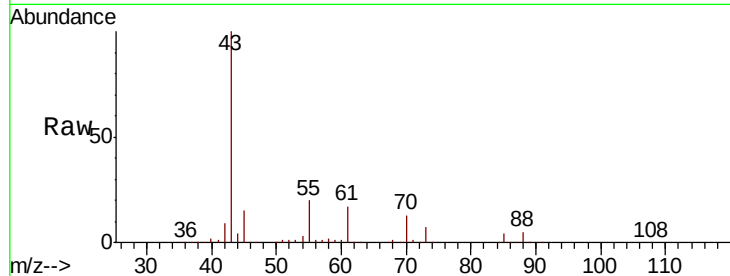
Tot Ion: 43 Resp: 157100

Ion Ratio Lower Upper

43 100

61 16.6 10.2 15.2#

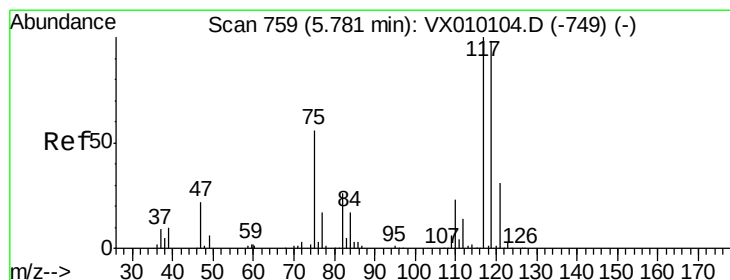
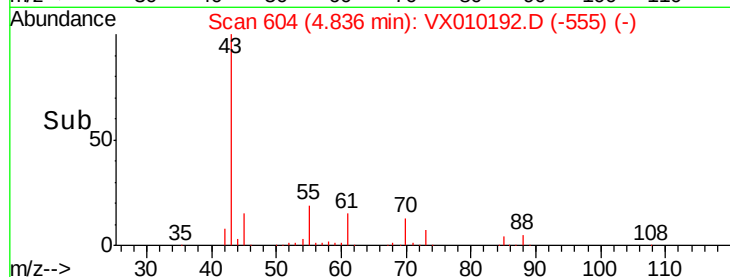
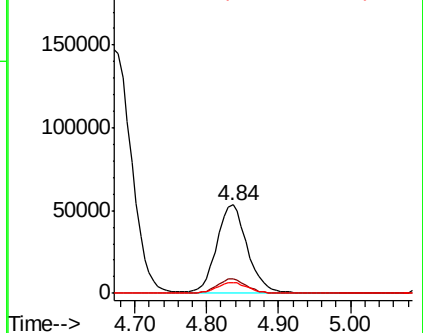
70 12.9 7.4 11.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 47.488 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.00 min

Lab File: VX010192.D

Acq: 10 Jun 2019 20:50

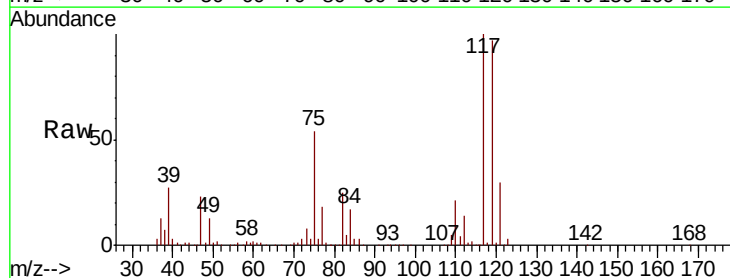
Tgt Ion: 117 Resp: 164323

Ion Ratio Lower Upper

117 100

119 97.2 77.3 115.9

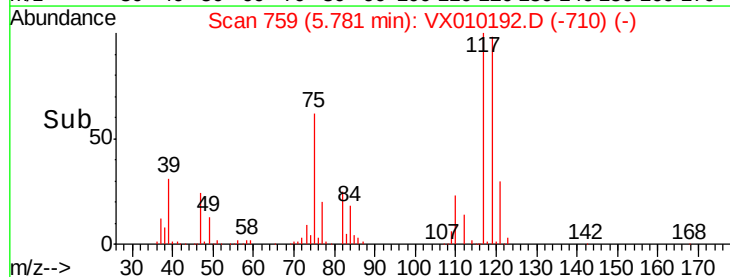
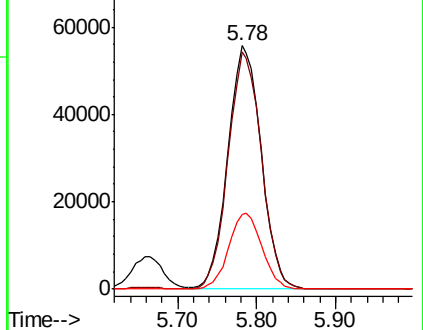
121 30.5 25.4 38.0

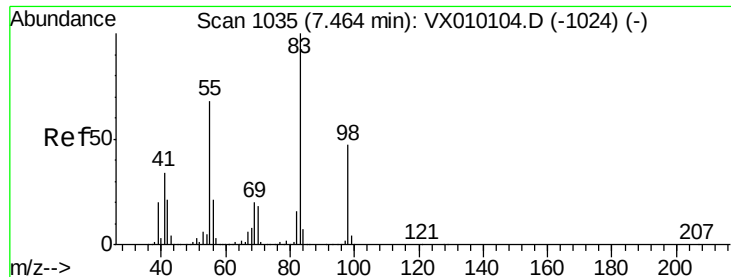


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

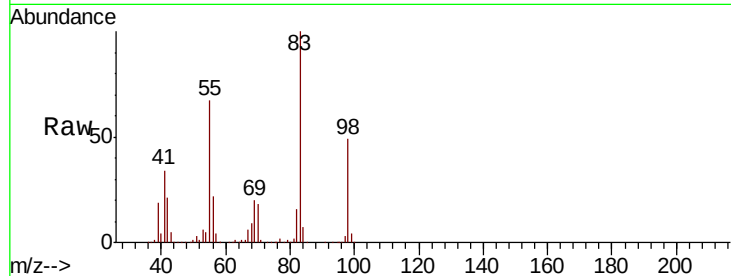




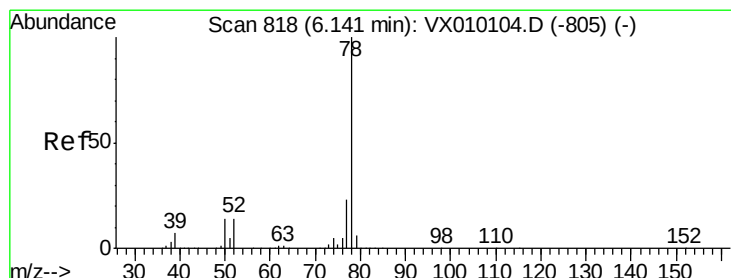
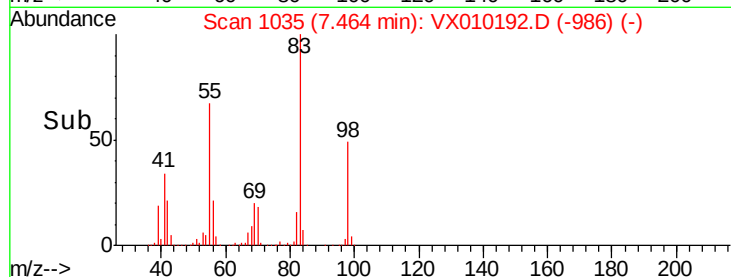
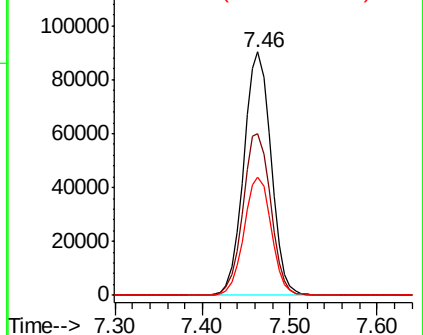
#39
Methylvlcyclohexane
Concen: 46.954 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX010192.D
Acq: 10 Jun 2019 20:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 195463
Ion Ratio Lower Upper
83 100
55 66.5 69.9 104.9#
98 48.8 35.1 52.7

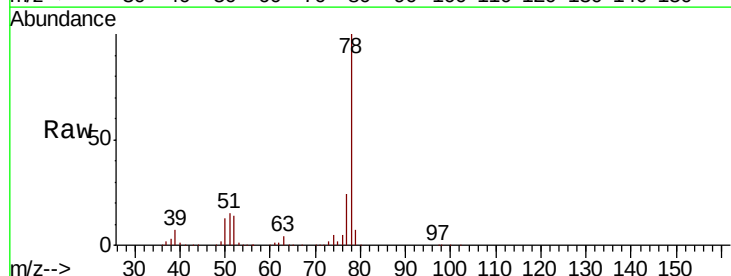


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

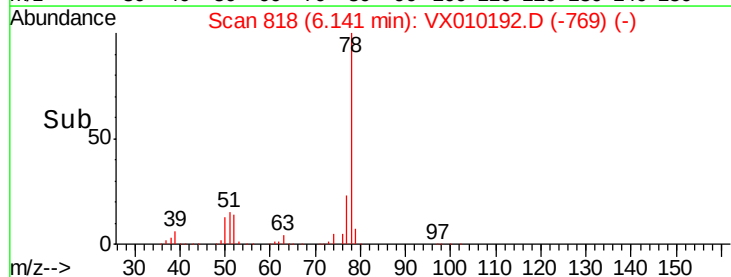
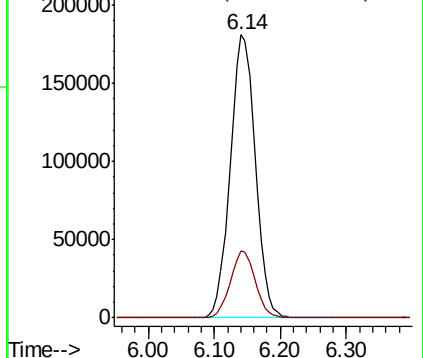


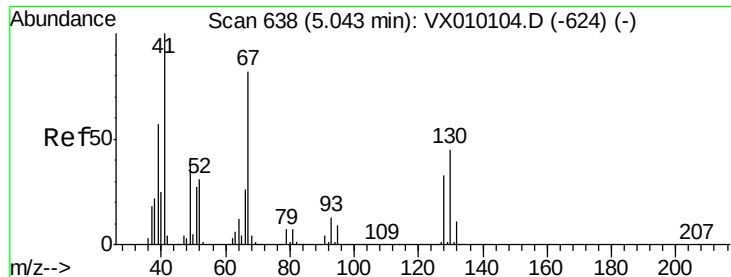
#40
Benzene
Concen: 50.204 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX010192.D
Acq: 10 Jun 2019 20:50

Tgt Ion: 78 Resp: 474590
Ion Ratio Lower Upper
78 100
77 23.7 19.2 28.8



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

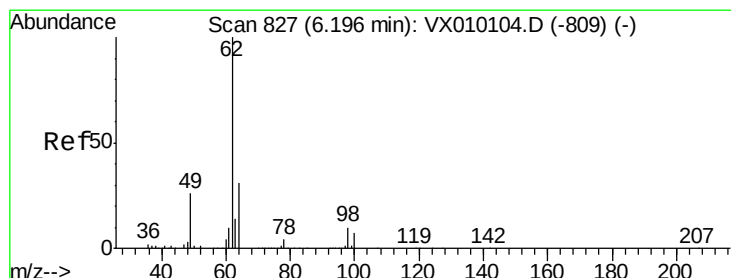
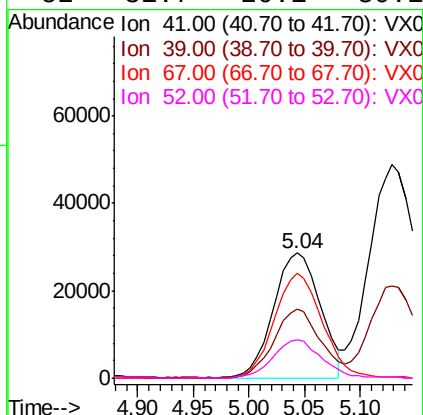
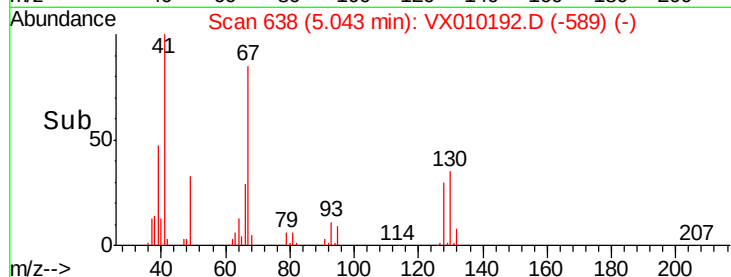
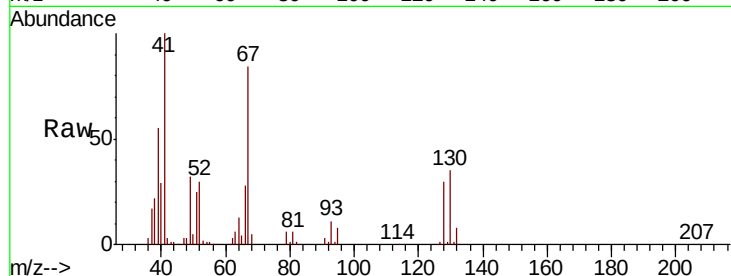




#41
Methacrylonitrile
Concen: 48.340 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX010192.D
Acq: 10 Jun 2019 20:50

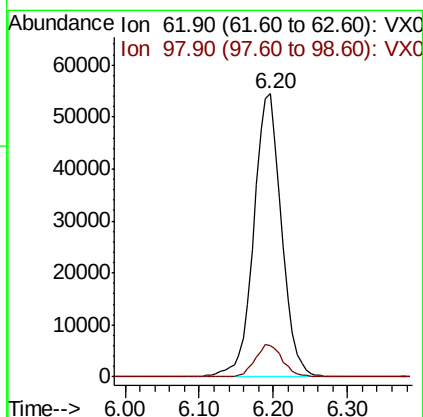
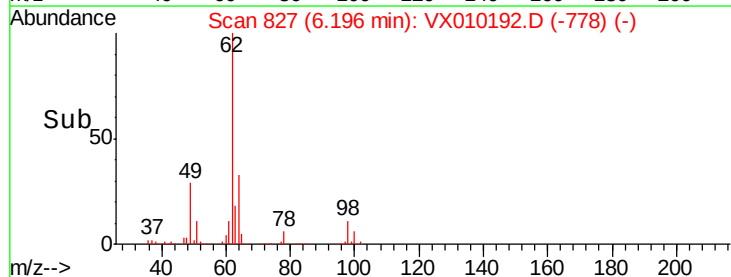
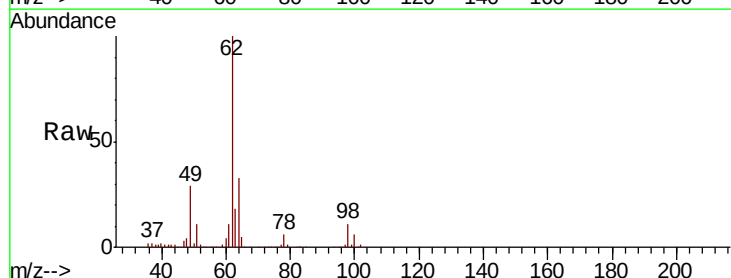
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

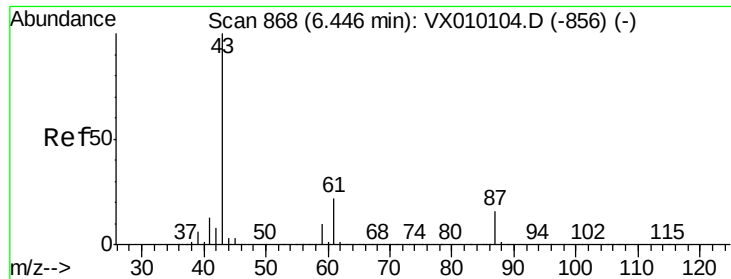
Tot Ion: 41 Resp: 83176
Ion Ratio Lower Upper
41 100
39 55.2 42.2 63.4
67 87.0 48.9 73.3#
52 31.7 20.1 30.1#



#42
1,2-Dichloroethane
Concen: 47.286 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX010192.D
Acq: 10 Jun 2019 20:50

Tgt Ion: 62 Resp: 142707
Ion Ratio Lower Upper
62 100
98 11.3 0.0 17.2





#43

Isopropyl Acetate

Concen: 49.096 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX010192.D

Acq: 10 Jun 2019 20:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

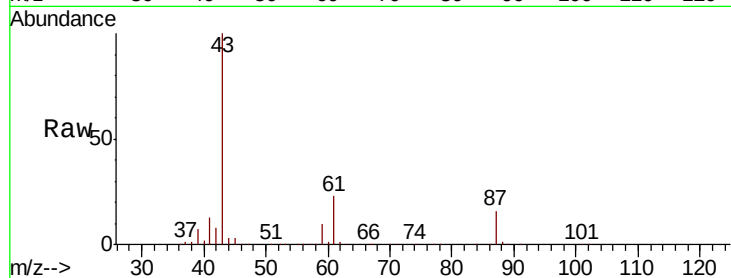
Tot Ion: 43 Resp: 261115

Ion Ratio Lower Upper

43 100

61 22.7 14.6 21.8#

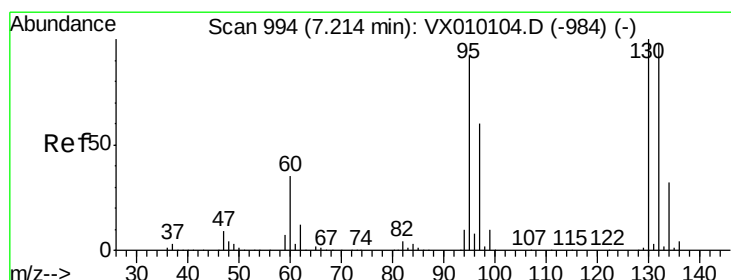
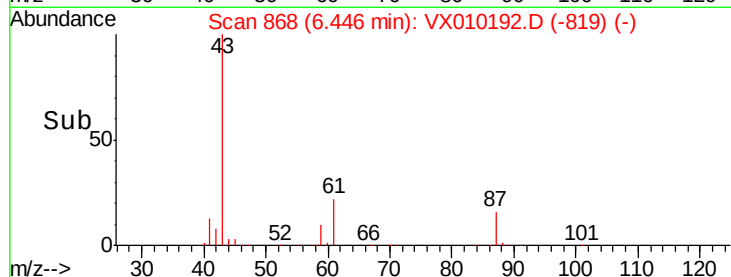
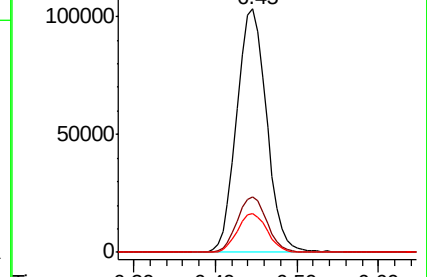
87 16.0 8.7 13.1#



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: 48.734 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX010192.D

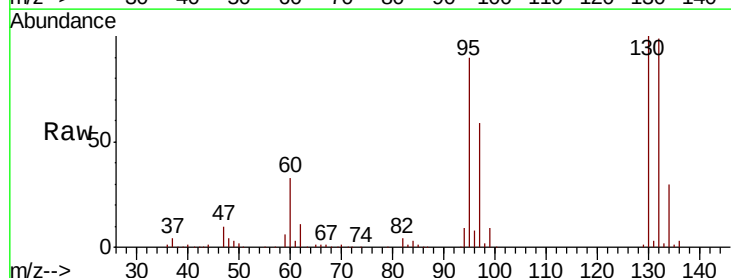
Acq: 10 Jun 2019 20:50

Tgt Ion:130 Resp: 138868

Ion Ratio Lower Upper

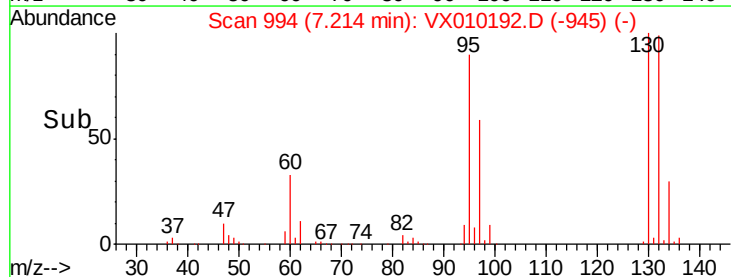
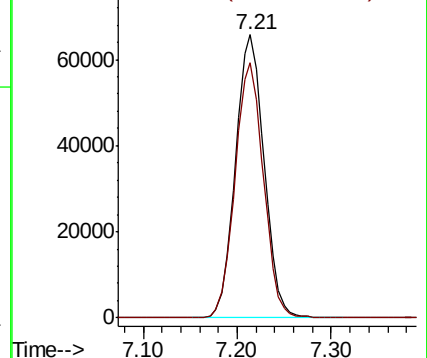
130 100

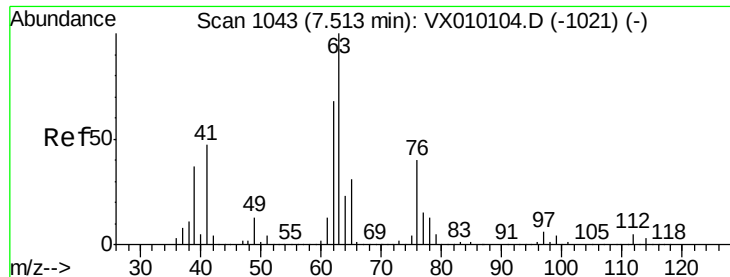
95 90.3 0.0 207.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

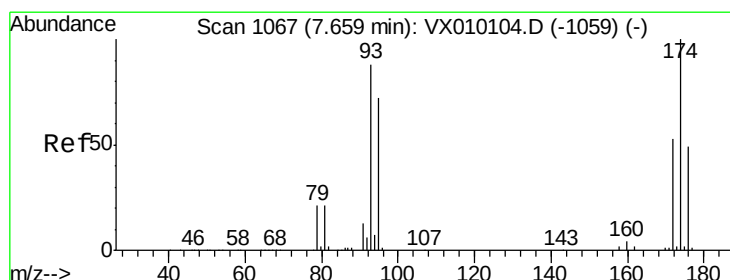
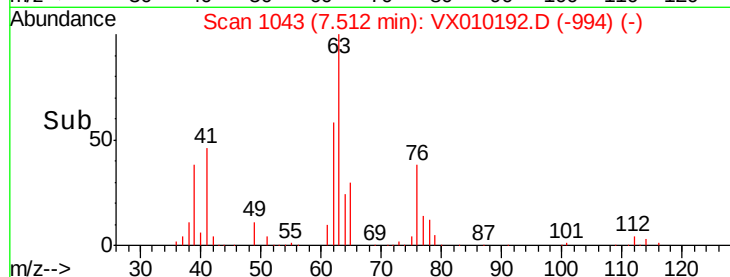
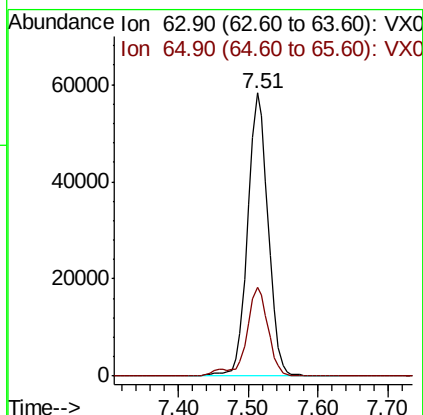
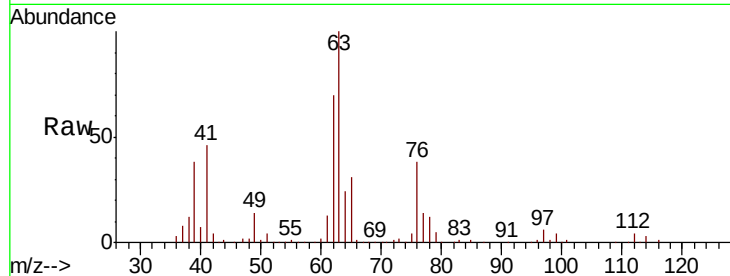




#45
 1,2-Dichloropropane
 Concen: 49.910 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX010192.D
 Acq: 10 Jun 2019 20:50

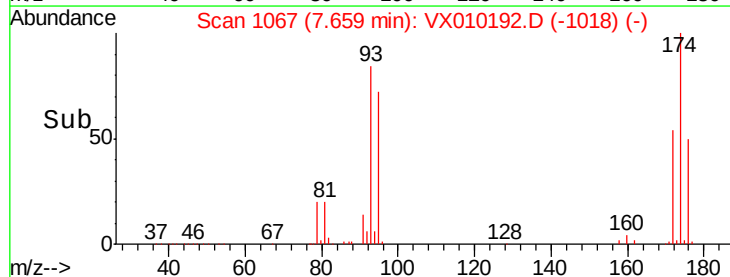
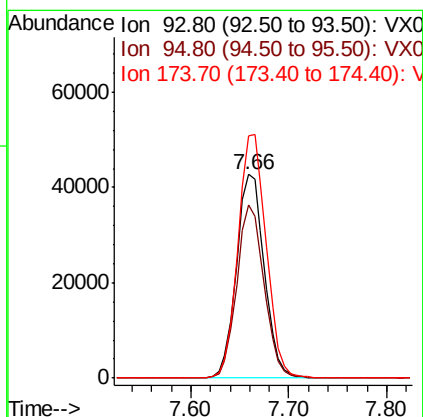
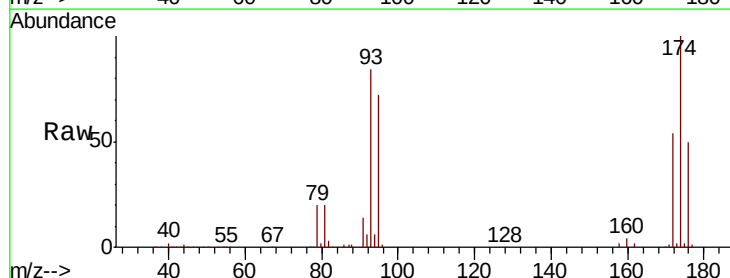
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

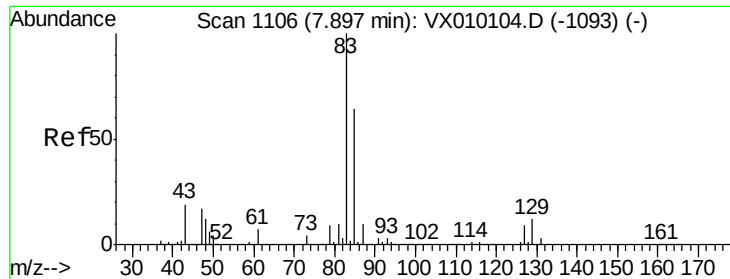
Tot Ion: 63 Resp: 118092
 Ion Ratio Lower Upper
 63 100
 65 31.2 25.7 38.5



#46
 Dibromomethane
 Concen: 47.721 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX010192.D
 Acq: 10 Jun 2019 20:50

Tgt Ion: 93 Resp: 84591
 Ion Ratio Lower Upper
 93 100
 95 83.8 66.8 100.2
 174 121.1 81.9 122.9





#47

Bromodichloromethane

Concen: 48.552 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX010192.D

Acq: 10 Jun 2019 20:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

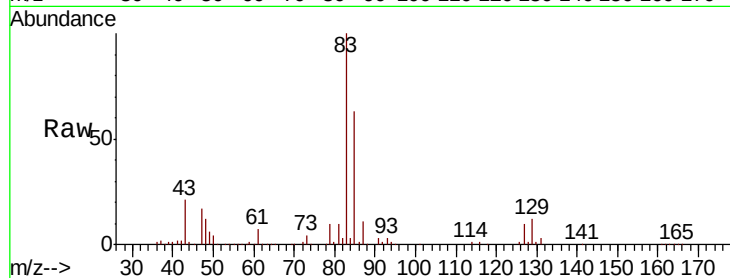
Tot Ion: 83 Resp: 160820

Ion Ratio Lower Upper

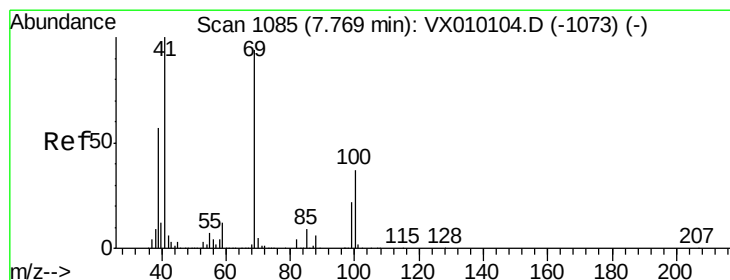
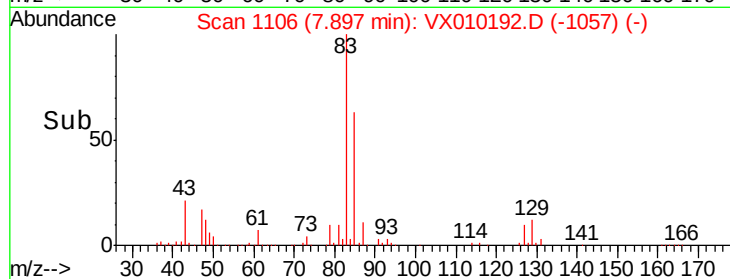
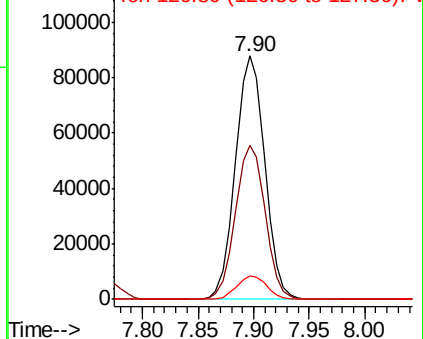
83 100

85 63.4 51.4 77.2

127 9.9 6.4 9.6#



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: 49.628 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX010192.D

Acq: 10 Jun 2019 20:50

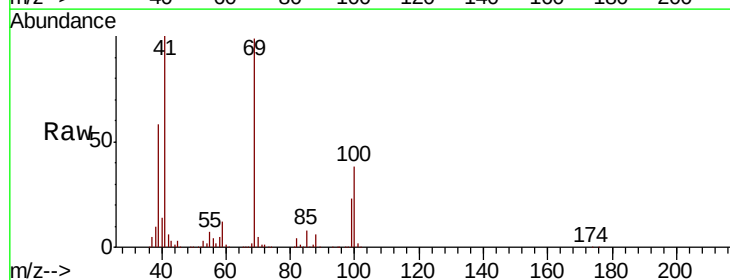
Tgt Ion: 41 Resp: 123439

Ion Ratio Lower Upper

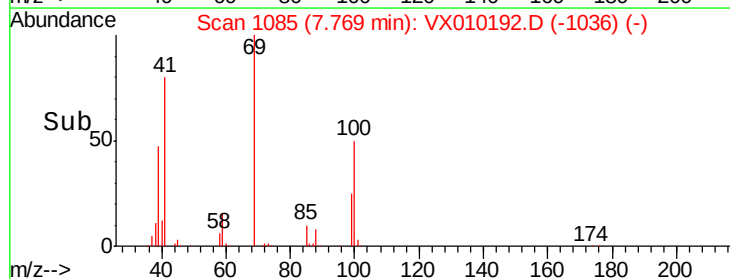
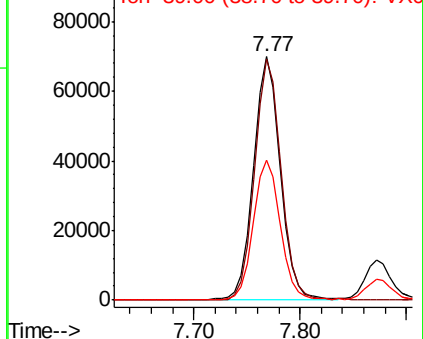
41 100

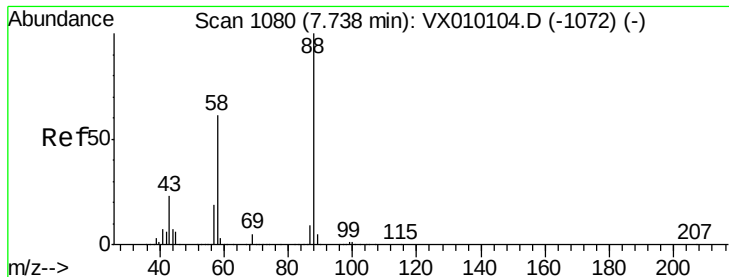
69 98.5 56.4 84.6#

39 58.5 40.6 60.8



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: 1009.831 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.00 min

Lab File: VX010192.D

Acq: 10 Jun 2019 20:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

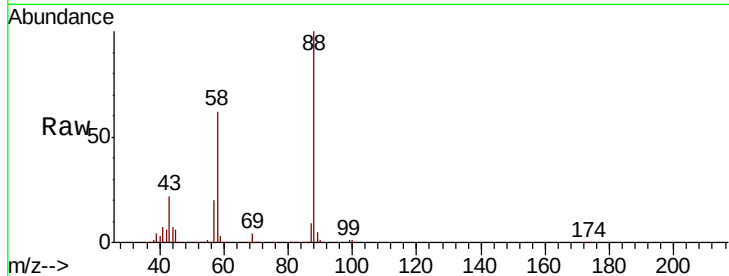
Tot Ion: 88 Resp: 71612

Ion Ratio Lower Upper

88 100

43 25.3 30.2 45.4#

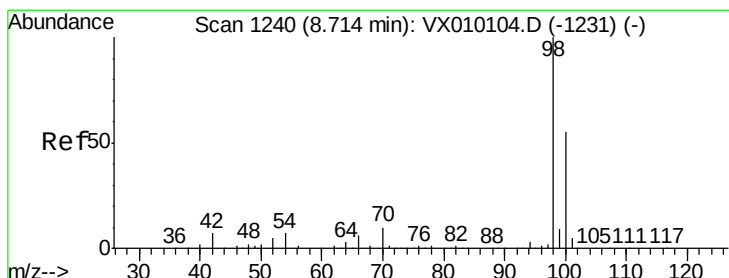
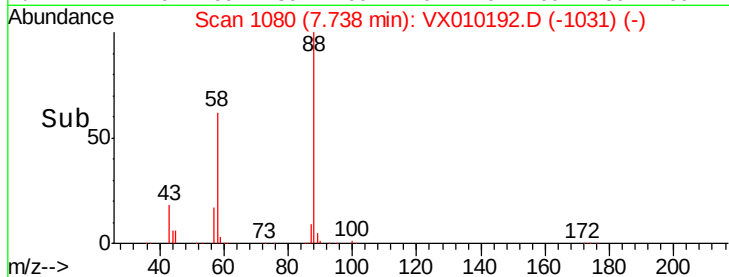
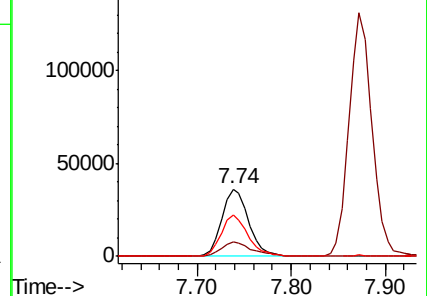
58 61.7 64.0 96.0#



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 52.275 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010192.D

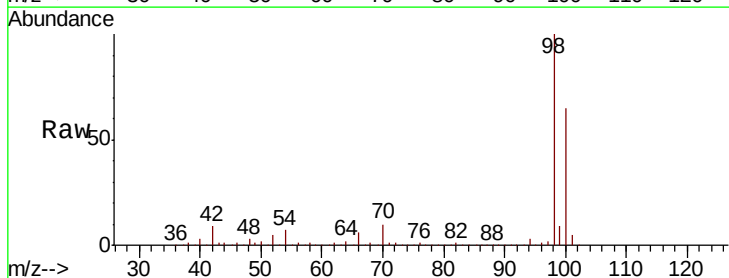
Acq: 10 Jun 2019 20:50

Tgt Ion: 98 Resp: 452837

Ion Ratio Lower Upper

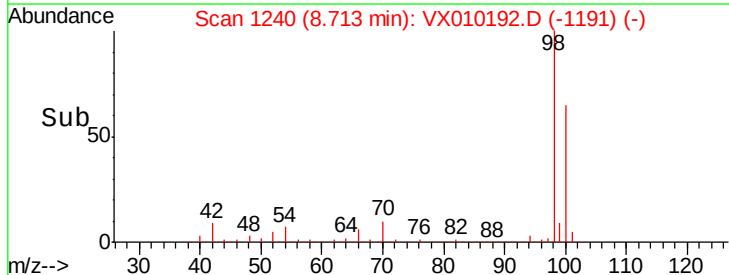
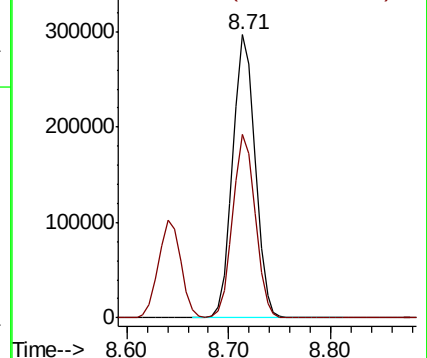
98 100

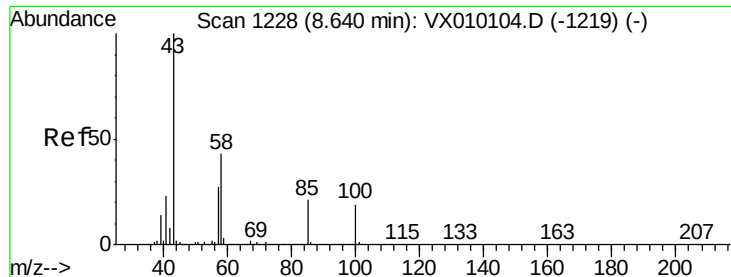
100 64.8 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 265.336 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX010192.D

Acq: 10 Jun 2019 20:50

Instrument :

MSVOA_X

ClientSampleId :

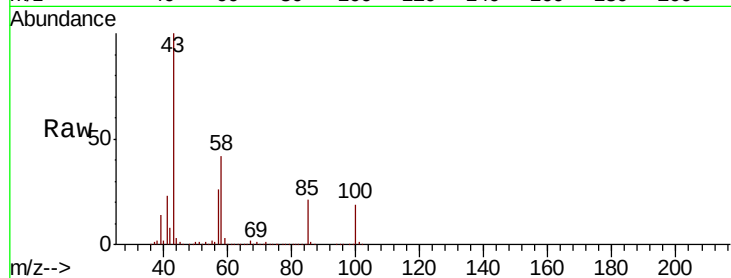
VSTDCCC050EC

Tot Ion: 43 Resp: 843030

Ion Ratio Lower Upper

43 100

58 42.3 28.8 43.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

600000

500000

400000

300000

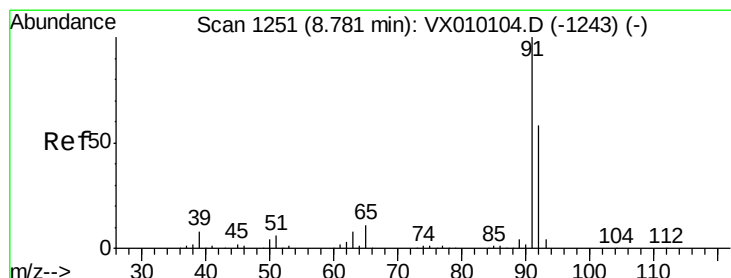
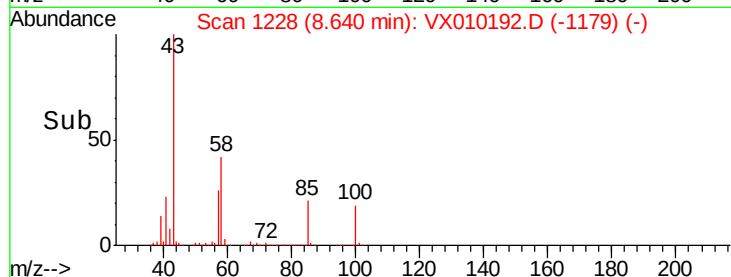
200000

100000

0

8.55 8.60 8.65 8.70

Time-->



#52

Toluene

Concen: 49.804 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX010192.D

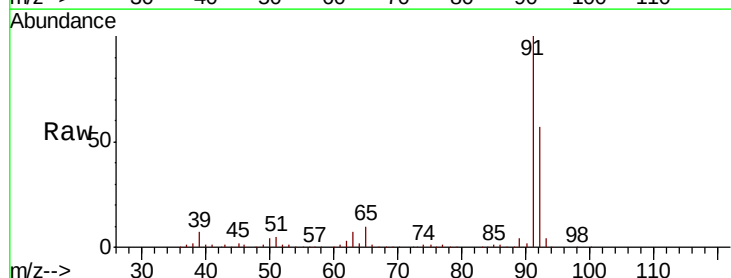
Acq: 10 Jun 2019 20:50

Tgt Ion: 92 Resp: 309484

Ion Ratio Lower Upper

92 100

91 175.9 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

400000

300000

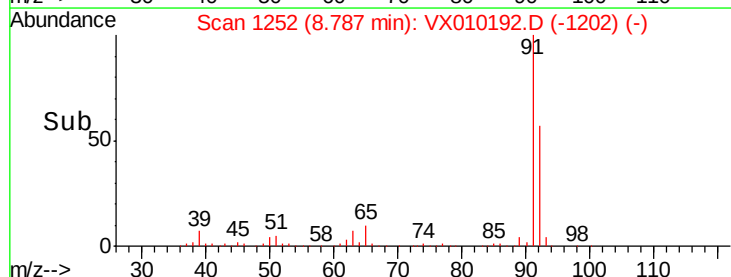
200000

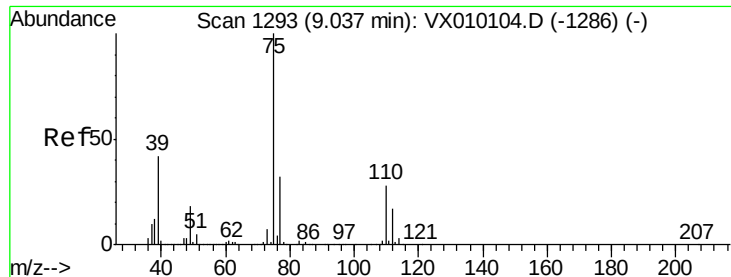
100000

0

8.70 8.80 8.90

Time-->





#53

t-1,3-Dichloropropene

Concen: 46.868 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VX010192.D

Acq: 10 Jun 2019 20:50

Instrument :

MSVOA_X

ClientSampleId :

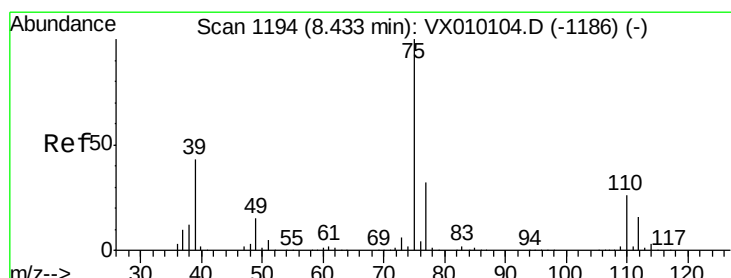
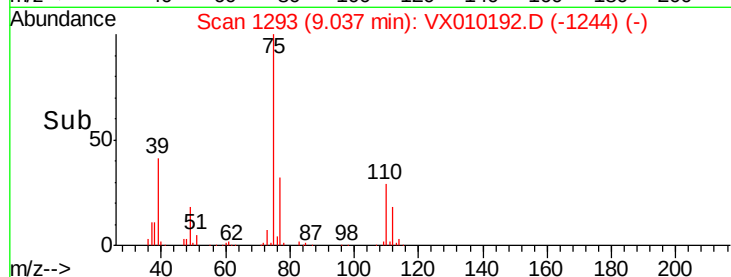
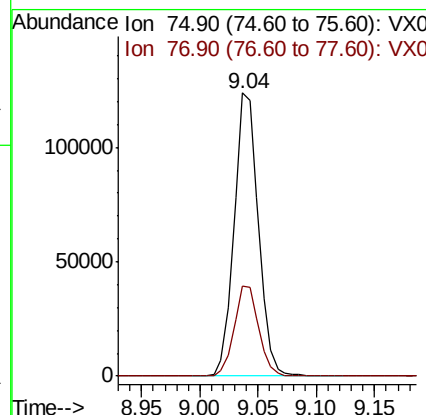
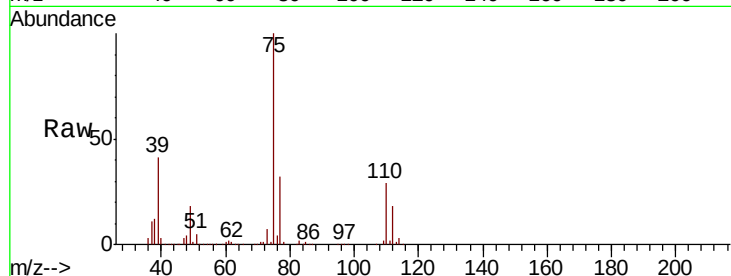
VSTDCCC050EC

Tot Ion: 75 Resp: 179565

Ion Ratio Lower Upper

75 100

77 31.8 24.6 36.8



#54

cis-1,3-Dichloropropene

Concen: 47.607 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX010192.D

Acq: 10 Jun 2019 20:50

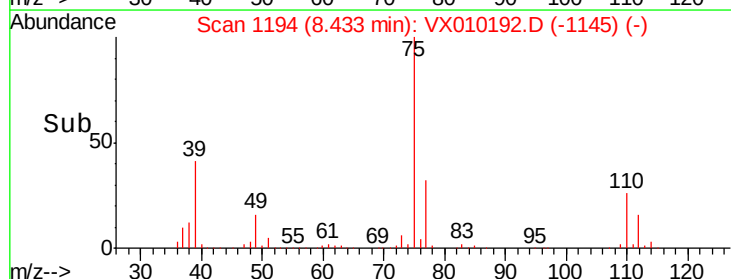
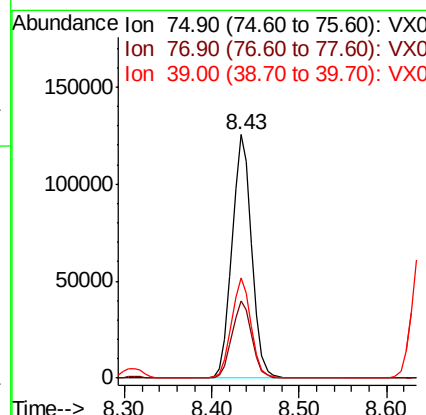
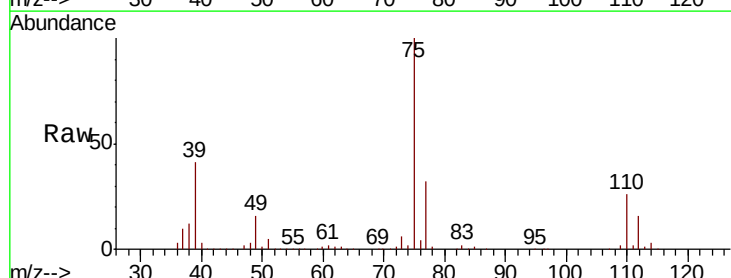
Tgt Ion: 75 Resp: 195535

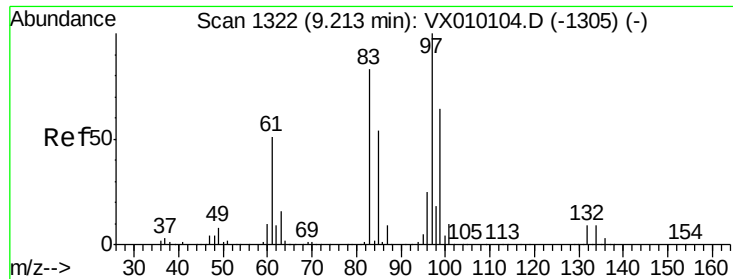
Ion Ratio Lower Upper

75 100

77 31.5 24.8 37.2

39 41.1 43.4 65.0#

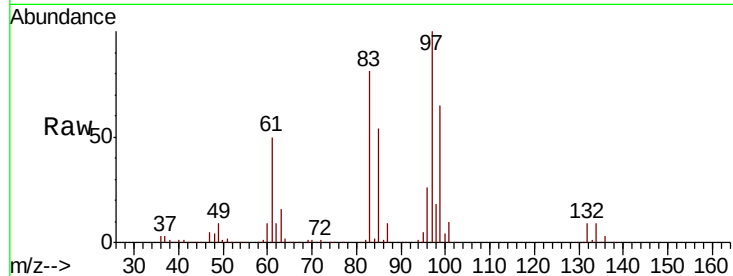




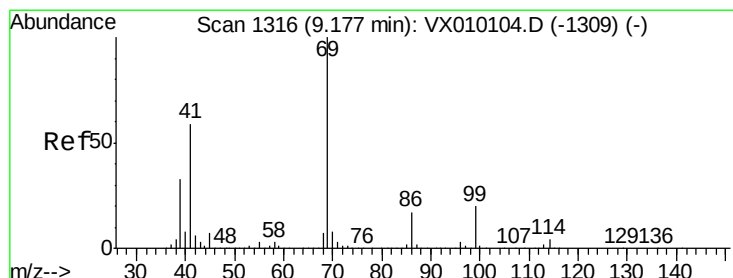
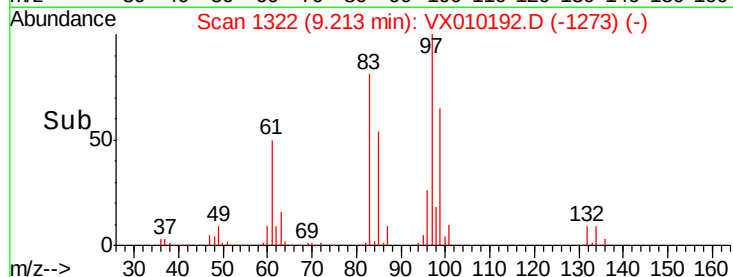
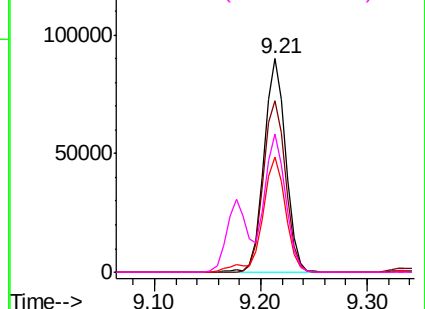
#55
 1,1,2-Trichloroethane
 Concen: 50.942 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX010192.D
 Acq: 10 Jun 2019 20:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	129644
Ion	Ratio	Lower	Upper
97	100		
83	80.5	69.8	104.8
85	54.0	45.3	67.9
99	64.5	49.0	73.4

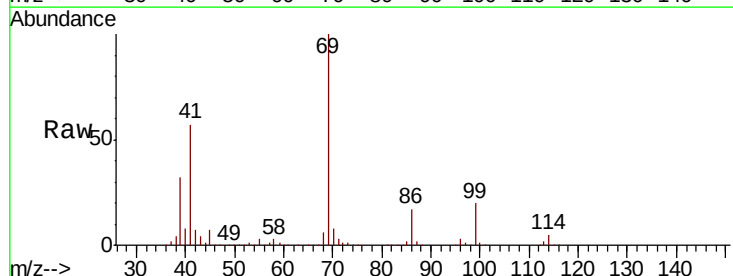


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

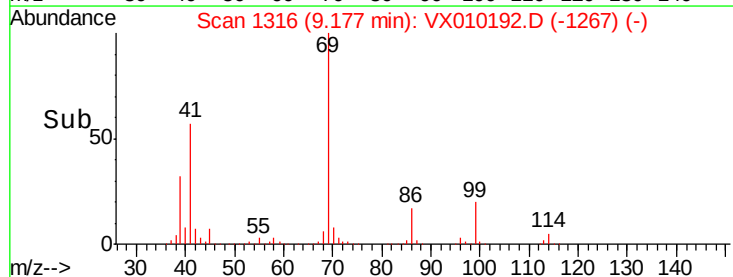
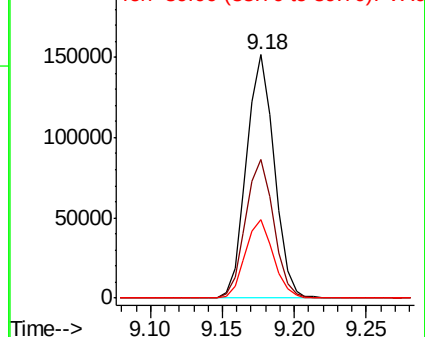


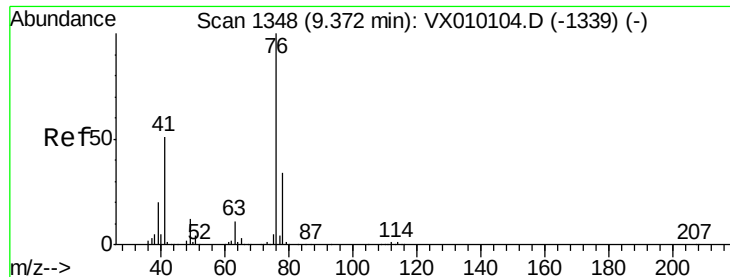
#56
 Ethyl methacrylate
 Concen: 50.444 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX010192.D
 Acq: 10 Jun 2019 20:50

Tgt Ion:	69	Resp:	202790
Ion	Ratio	Lower	Upper
69	100		
41	57.8	62.7	94.1#
39	32.4	29.5	44.3



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: 50.284 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX010192.D

Acq: 10 Jun 2019 20:50

Instrument :

MSVOA_X

ClientSampleId :

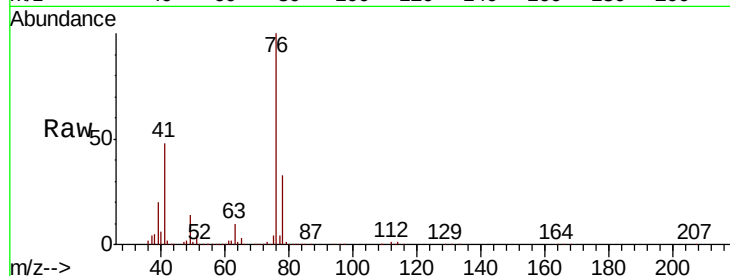
VSTDCCC050EC

Tot Ion: 76 Resp: 201468

Ion Ratio Lower Upper

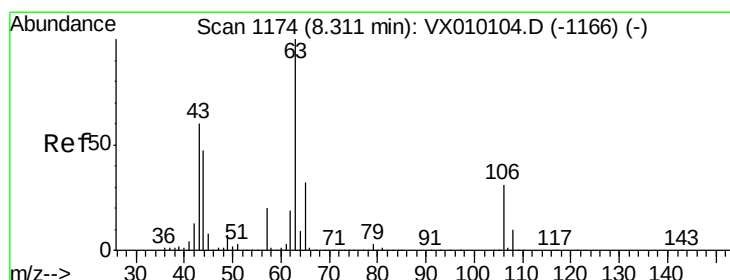
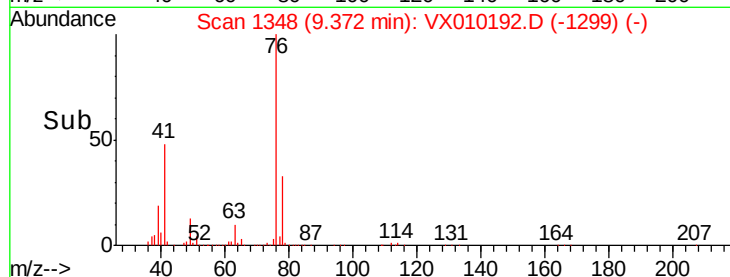
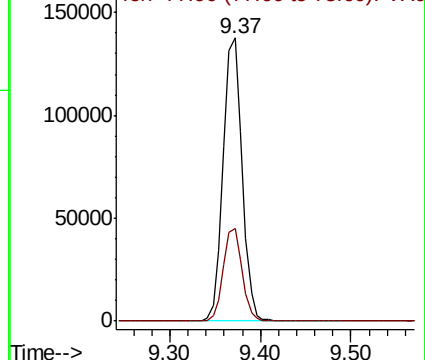
76 100

78 32.4 25.4 38.0



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: 242.323 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX010192.D

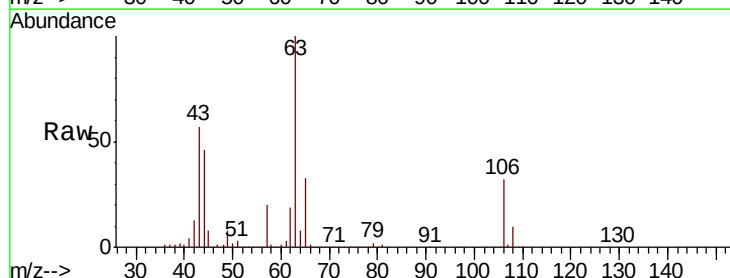
Acq: 10 Jun 2019 20:50

Tgt Ion: 63 Resp: 459246

Ion Ratio Lower Upper

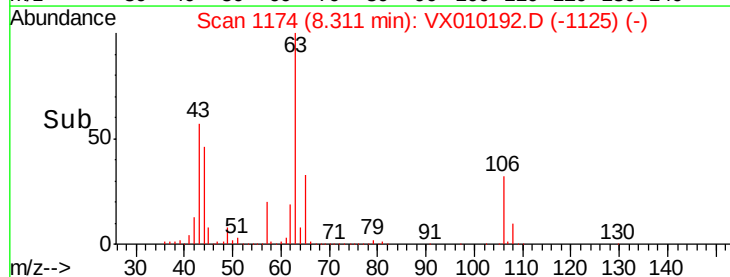
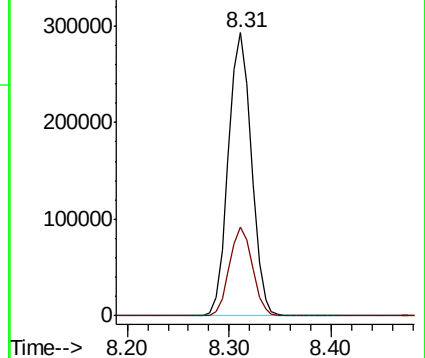
63 100

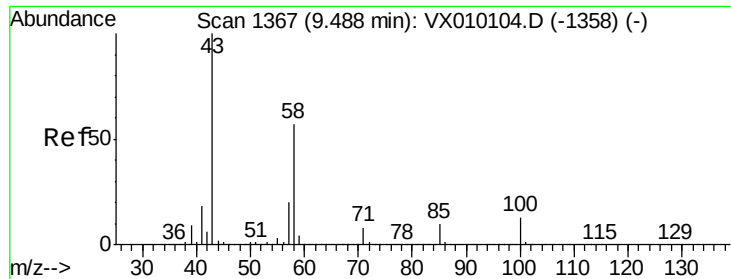
106 31.2 19.4 29.2#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

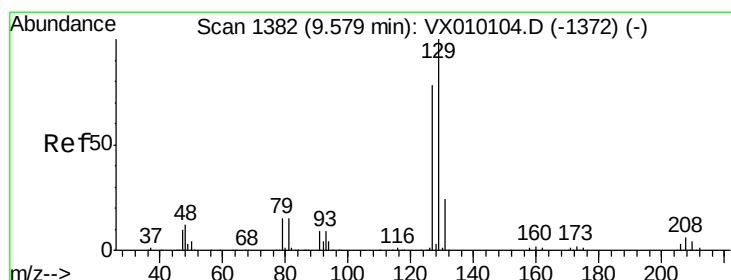
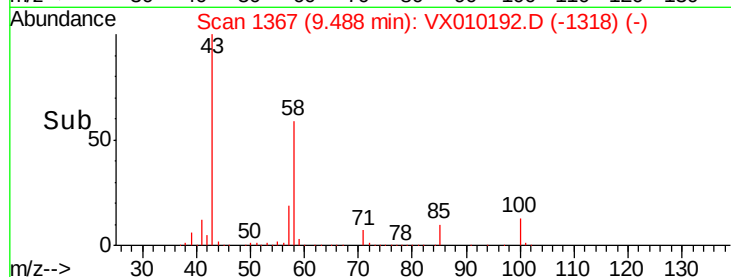
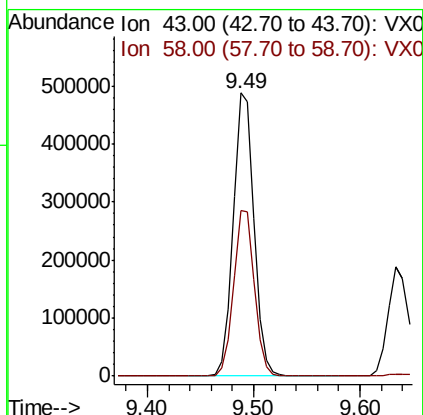
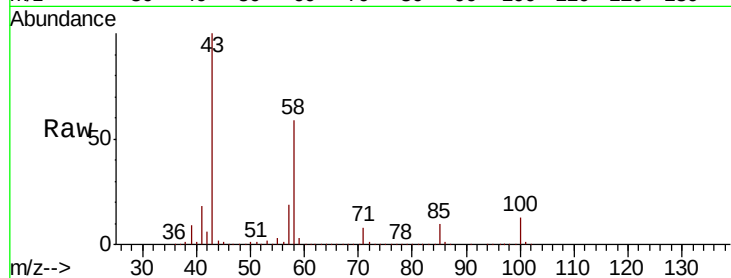




#59
2-Hexanone
Concen: 263.353 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX010192.D
Acq: 10 Jun 2019 20:50

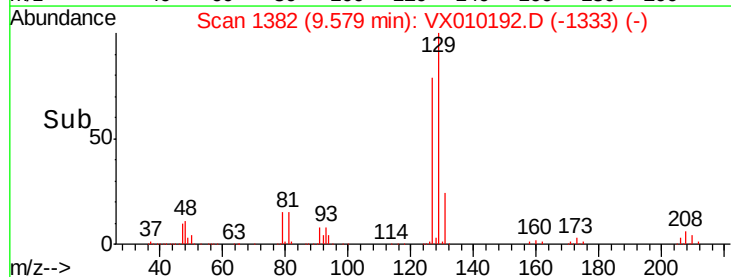
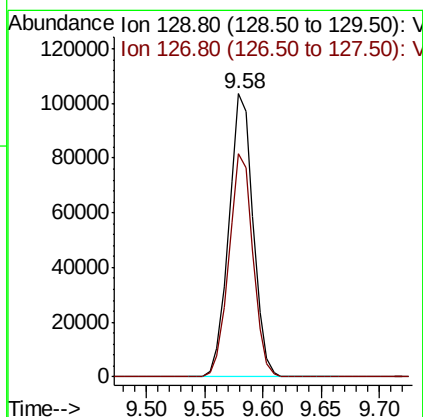
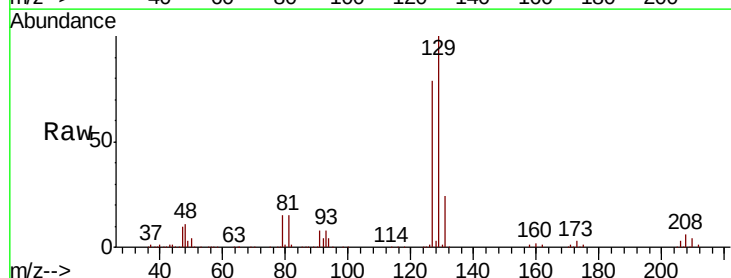
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

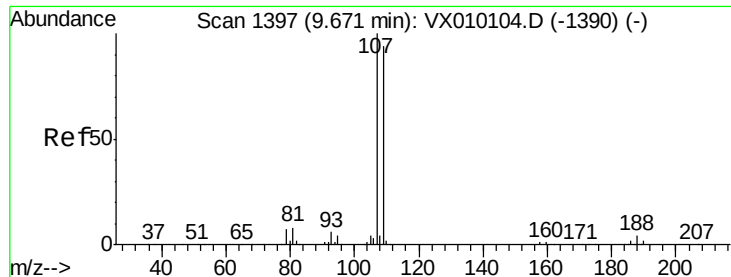
Tot Ion: 43 Resp: 667134
Ion Ratio Lower Upper
43 100
58 59.1 25.1 75.3



#60
Dibromochloromethane
Concen: 49.657 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX010192.D
Acq: 10 Jun 2019 20:50

Tgt Ion: 129 Resp: 149479
Ion Ratio Lower Upper
129 100
127 78.3 38.5 115.5

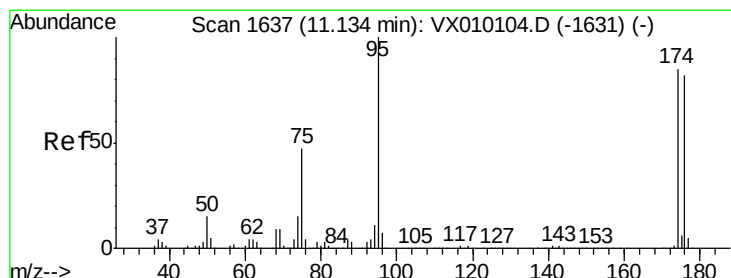
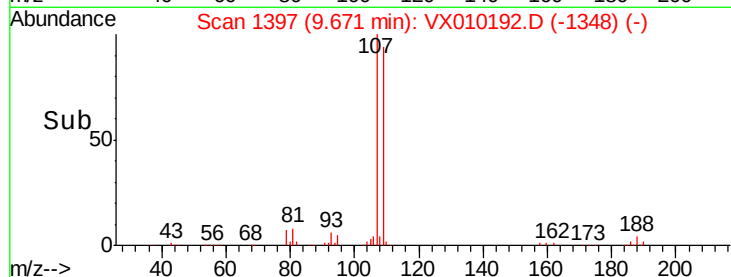
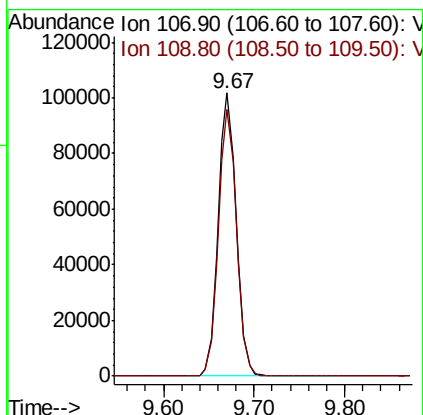
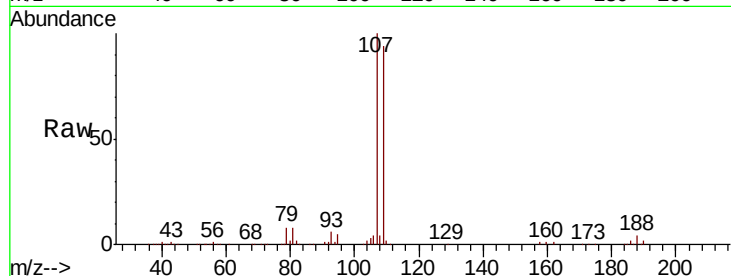




#61
 1,2-Dibromoethane
 Concen: 49.887 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX010192.D
 Acq: 10 Jun 2019 20:50

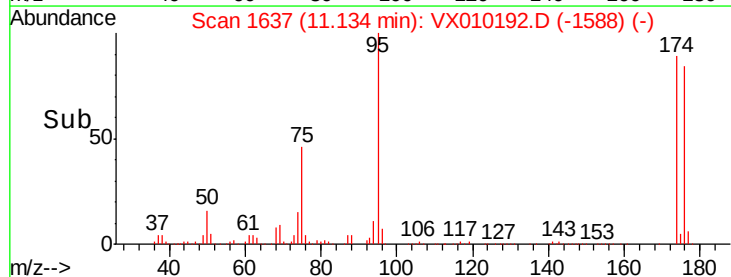
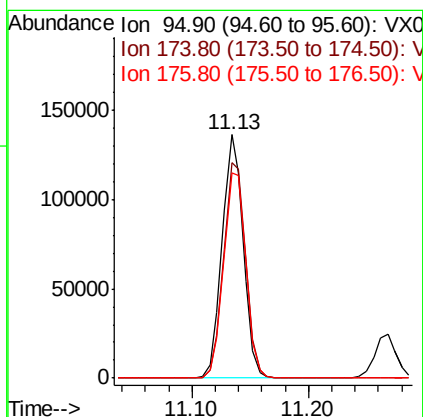
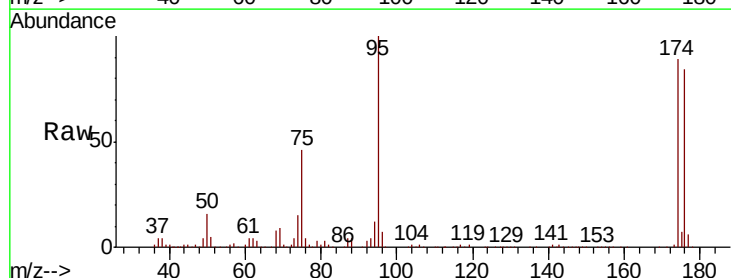
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

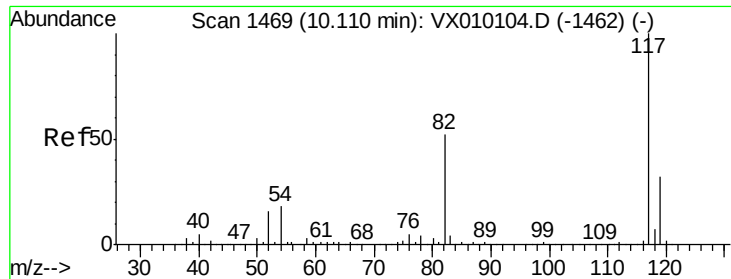
Tot Ion:107 Resp: 141399
 Ion Ratio Lower Upper
 107 100
 109 94.5 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 52.694 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX010192.D
 Acq: 10 Jun 2019 20:50

Tgt Ion: 95 Resp: 170474
 Ion Ratio Lower Upper
 95 100
 174 92.8 0.0 160.4
 176 89.5 0.0 154.6

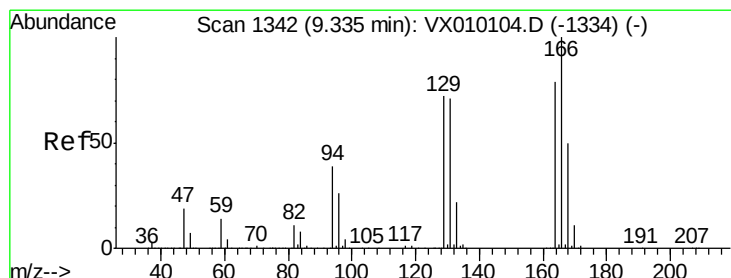
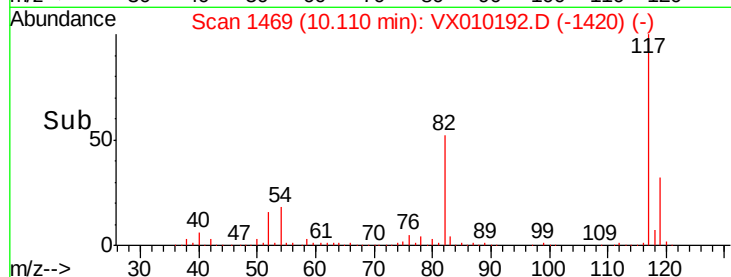
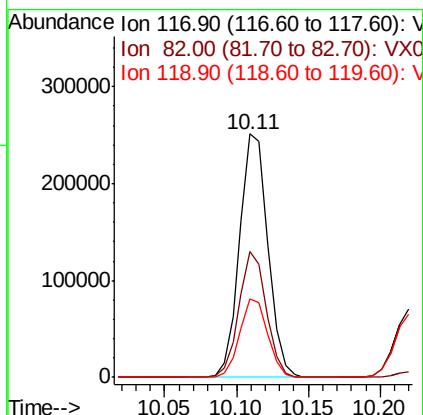
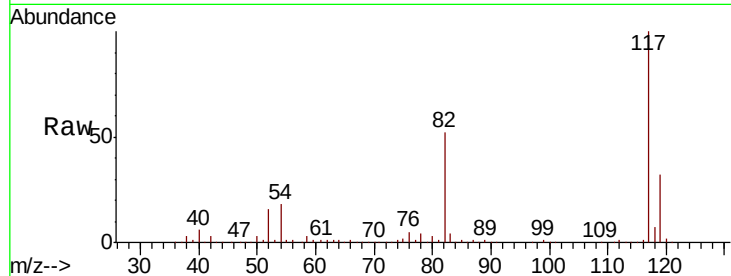




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010192.D
Acq: 10 Jun 2019 20:50

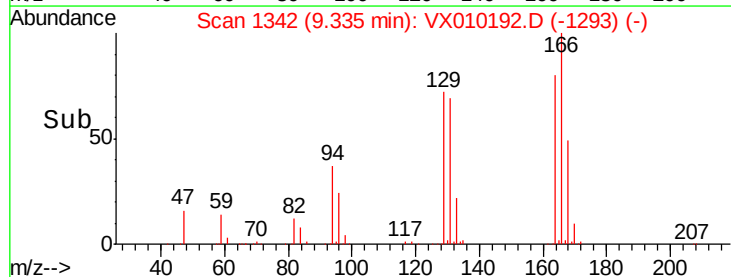
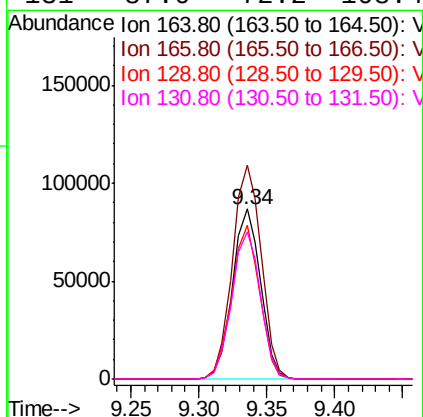
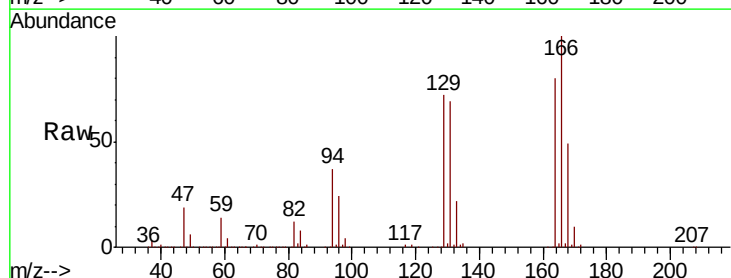
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

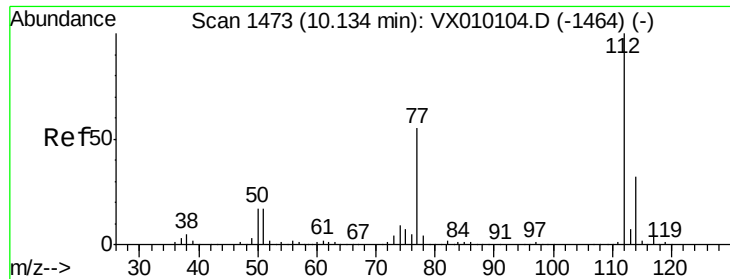
Tot Ion:117 Resp: 343946
Ion Ratio Lower Upper
117 100
82 51.6 49.2 73.8
119 32.1 25.2 37.8



#64
Tetrachloroethene
Concen: 49.072 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX010192.D
Acq: 10 Jun 2019 20:50

Tgt Ion:164 Resp: 125356
Ion Ratio Lower Upper
164 100
166 125.7 105.0 157.4
129 90.6 75.1 112.7
131 87.0 72.2 108.4

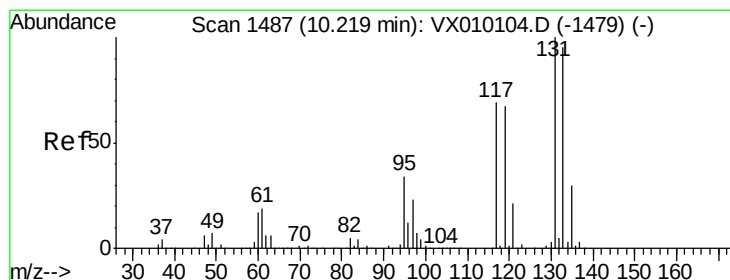
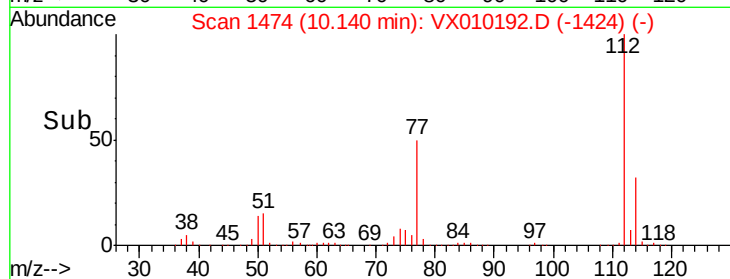
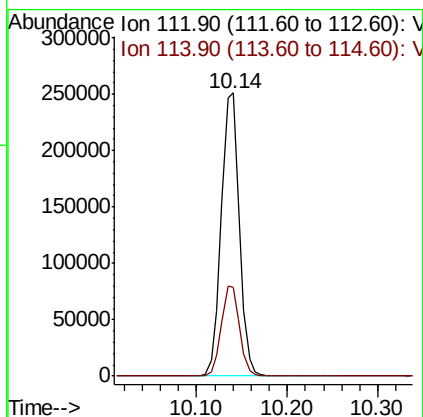
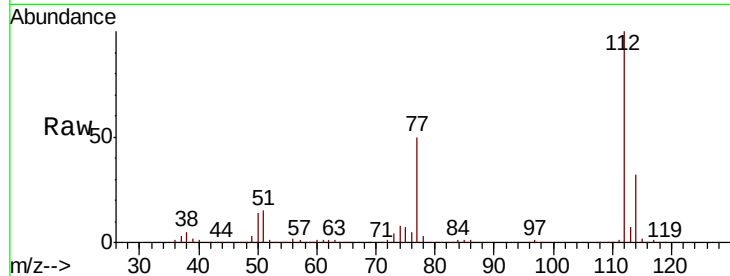




#65
Chlorobenzene
Concen: 49.738 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX010192.D
Acq: 10 Jun 2019 20:50

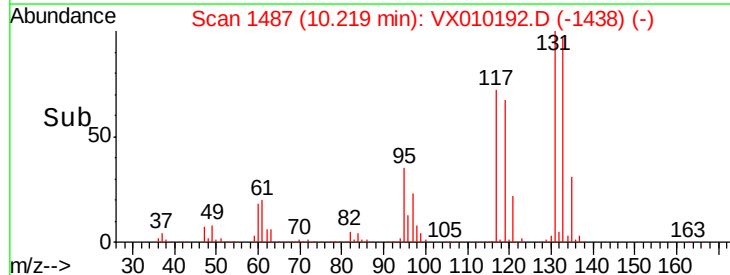
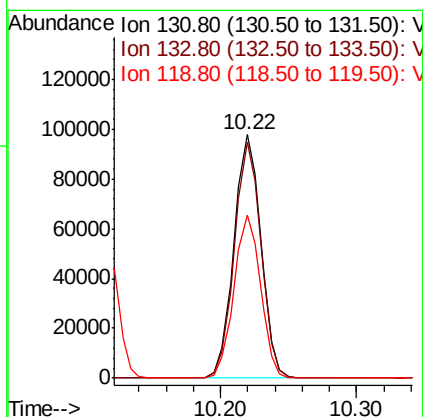
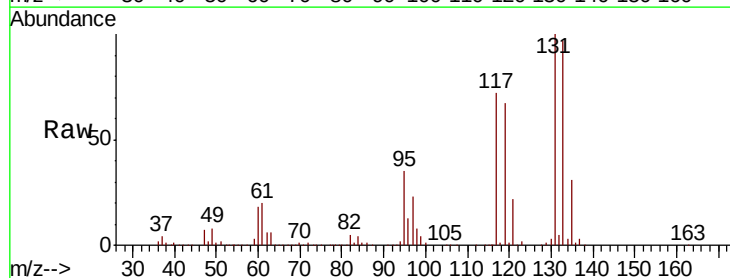
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

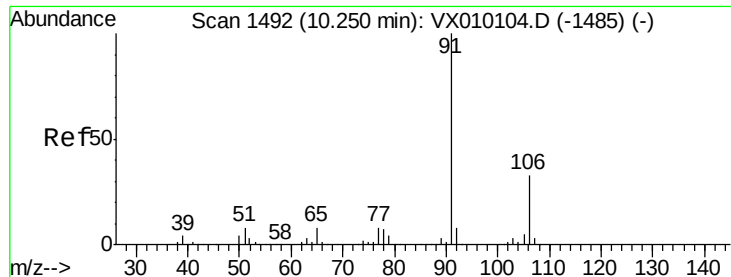
Tot Ion:112 Resp: 353082
Ion Ratio Lower Upper
112 100
114 31.5 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 49.366 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX010192.D
Acq: 10 Jun 2019 20:50

Tgt Ion:131 Resp: 134765
Ion Ratio Lower Upper
131 100
133 95.6 47.5 142.6
119 66.3 33.4 100.1

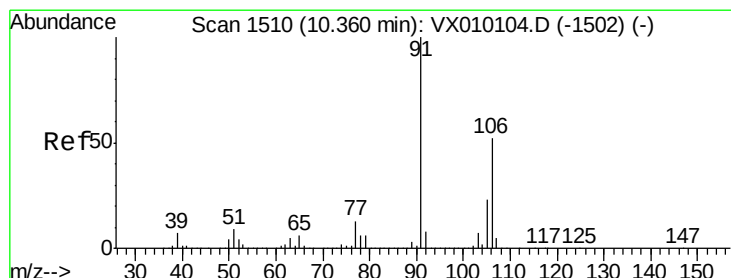
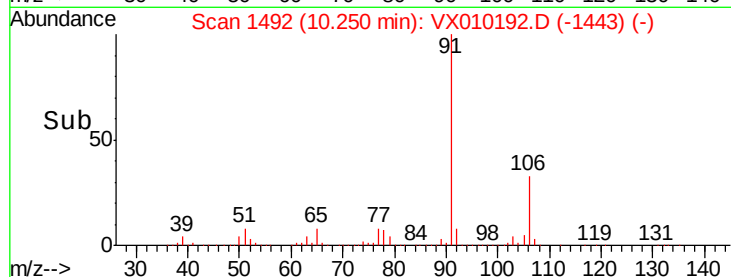
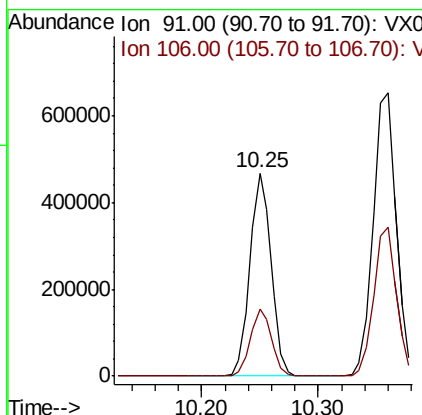
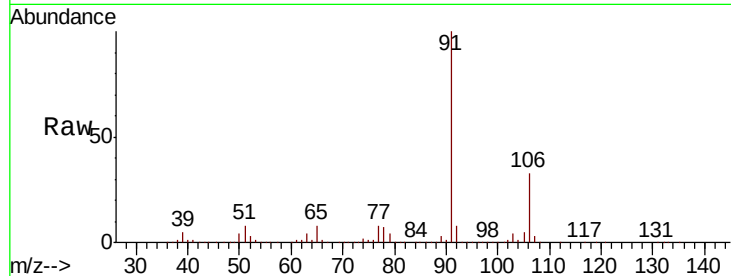




#67
Ethyl Benzene
Concen: 49.578 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX010192.D
Acq: 10 Jun 2019 20:50

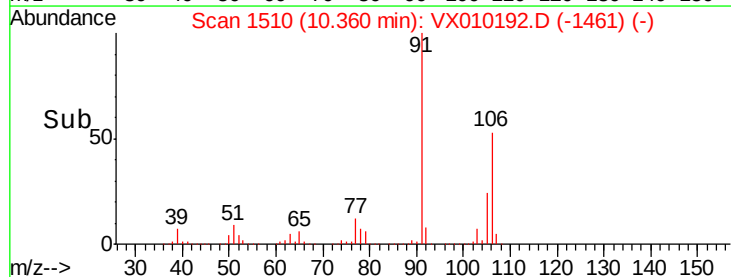
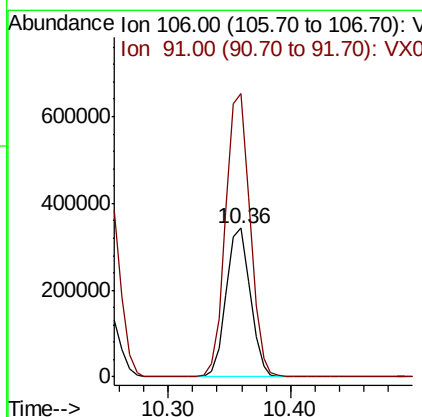
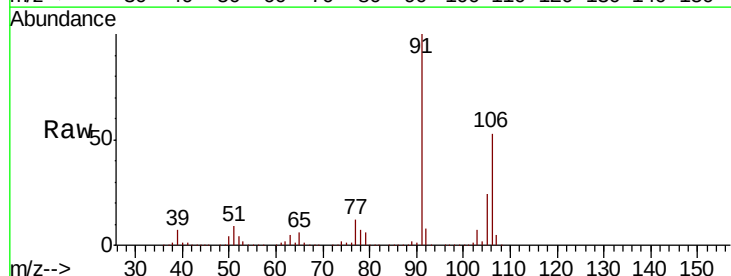
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

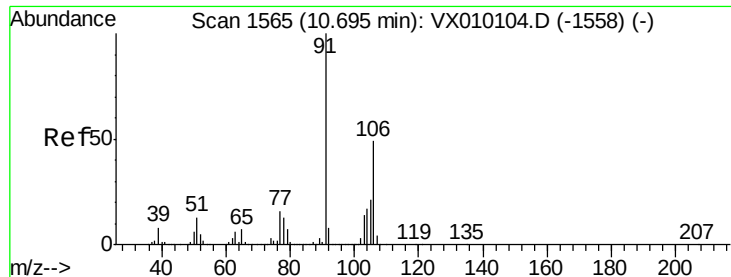
Tot Ion: 91 Resp: 599131
Ion Ratio Lower Upper
91 100
106 33.1 23.9 35.9



#68
m/p-Xylenes
Concen: 99.840 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX010192.D
Acq: 10 Jun 2019 20:50

Tgt Ion: 106 Resp: 466889
Ion Ratio Lower Upper
106 100
91 193.3 167.3 250.9

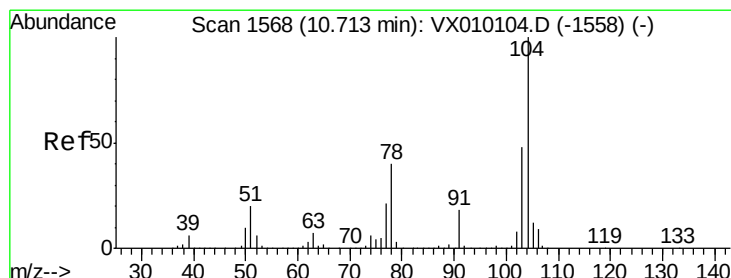
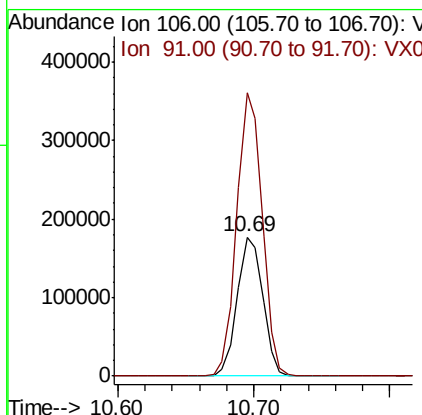
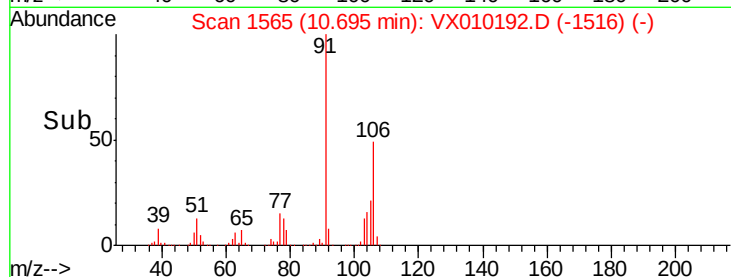
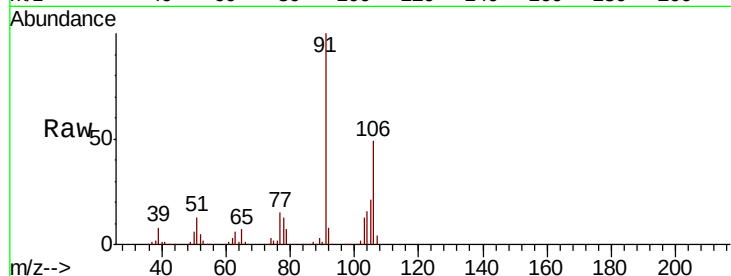




#69
o-Xylene
Concen: 50.051 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX010192.D
Acq: 10 Jun 2019 20:50

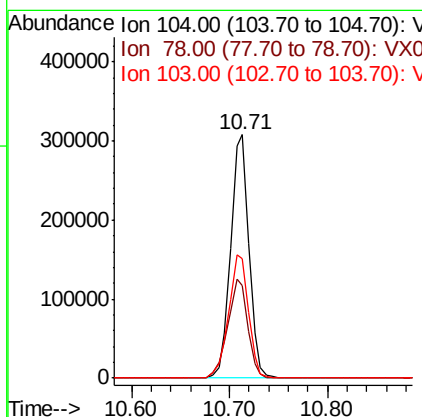
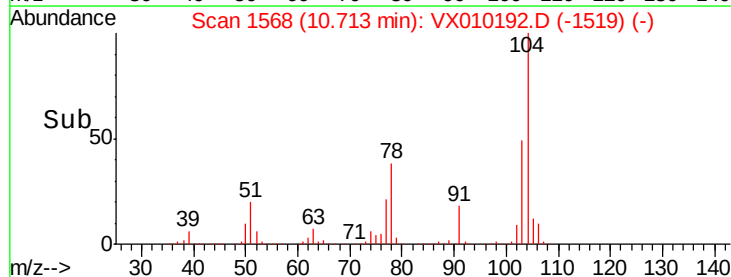
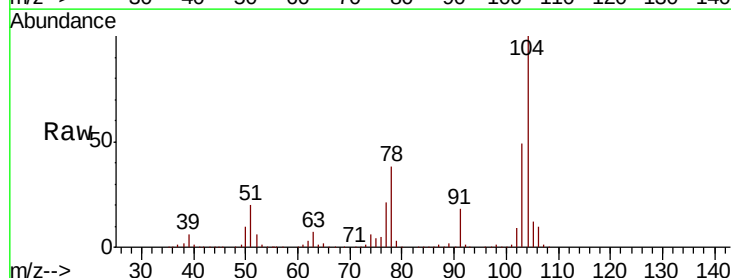
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

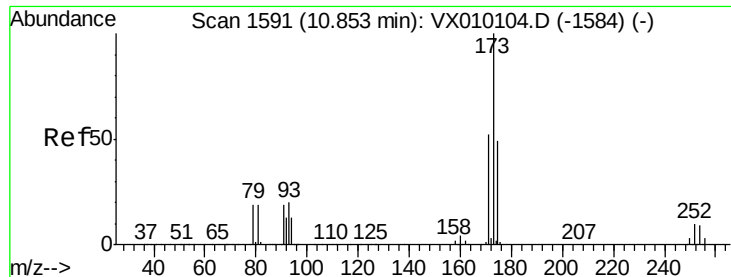
Tot Ion:106 Resp: 232663
Ion Ratio Lower Upper
106 100
91 202.5 110.4 331.2



#70
Styrene
Concen: 50.743 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX010192.D
Acq: 10 Jun 2019 20:50

Tgt Ion:104 Resp: 399501
Ion Ratio Lower Upper
104 100
78 44.7 42.1 63.1
103 55.0 44.1 66.1





#71

Bromoform

Concen: 49.876 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX010192.D

Acq: 10 Jun 2019 20:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

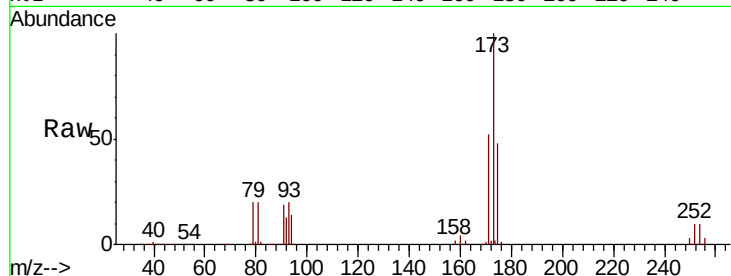
Tot Ion:173 Resp: 125170

Ion Ratio Lower Upper

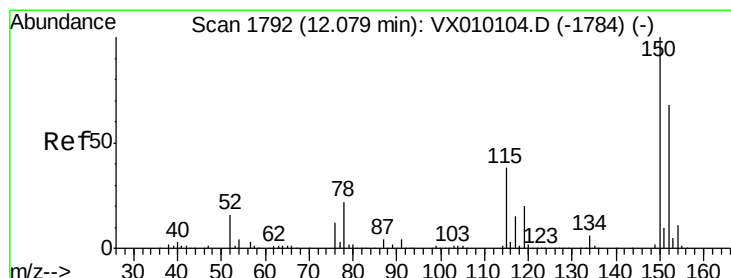
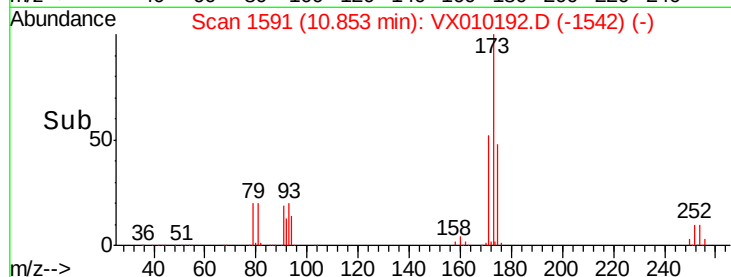
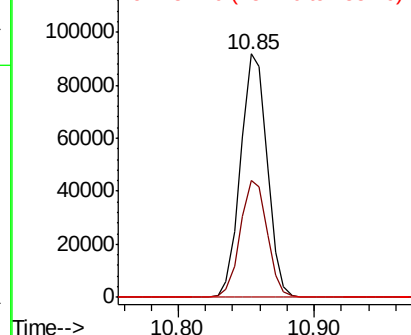
173 100

175 48.6 25.0 75.0

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: VX010192.D

Acq: 10 Jun 2019 20:50

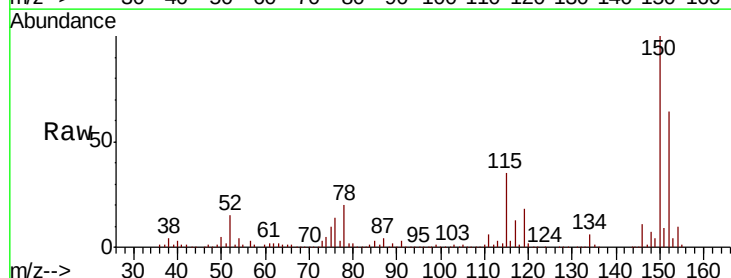
Tgt Ion:152 Resp: 179719

Ion Ratio Lower Upper

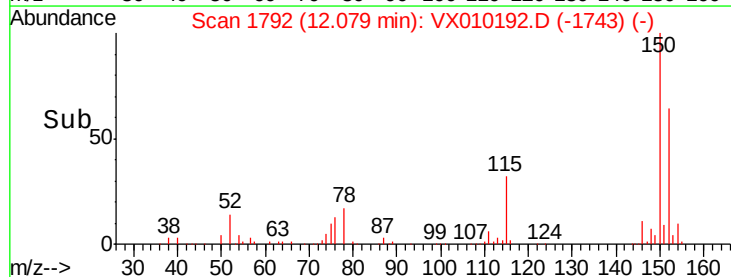
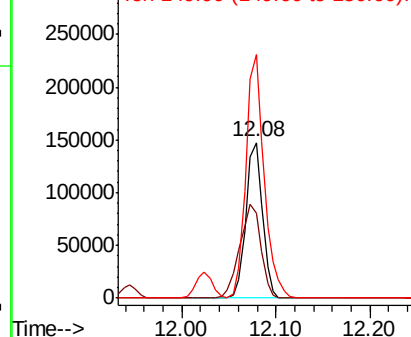
152 100

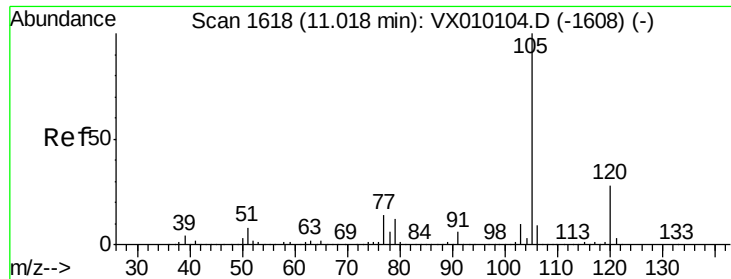
115 76.5 41.4 124.2

150 172.9 0.0 345.2



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





#73

Isopropylbenzene

Concen: 48.275 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX010192.D

Acq: 10 Jun 2019 20:50

Instrument :

MSVOA_X

ClientSampleId :

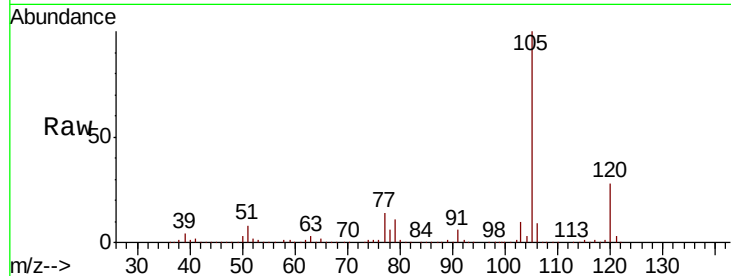
VSTDCCC050EC

Tot Ion:105 Resp: 605641

Ion Ratio Lower Upper

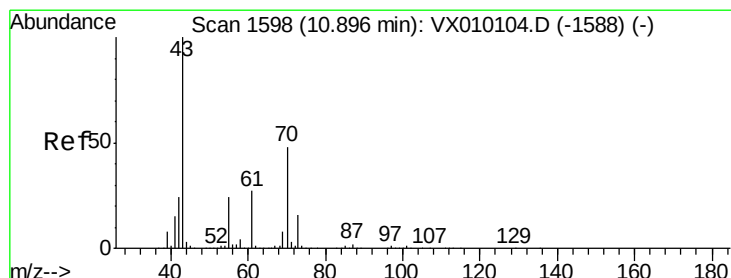
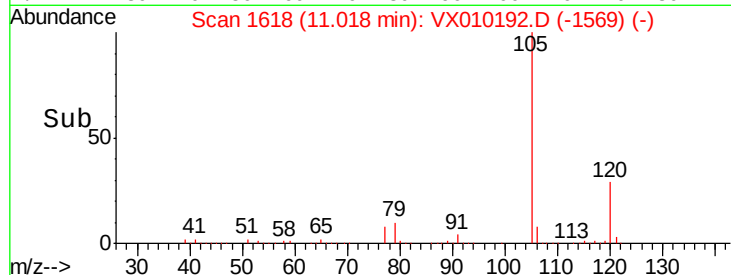
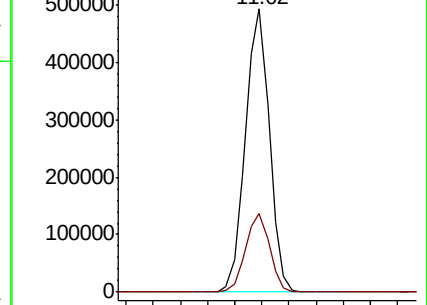
105 100

120 28.0 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.031 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX010192.D

Acq: 10 Jun 2019 20:50

Tgt Ion: 43 Resp: 243155

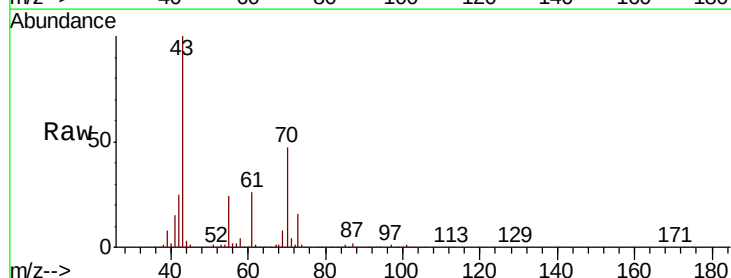
Ion Ratio Lower Upper

43 100

70 46.4 28.6 43.0#

55 23.7 17.8 26.8

61 26.6 17.7 26.5#

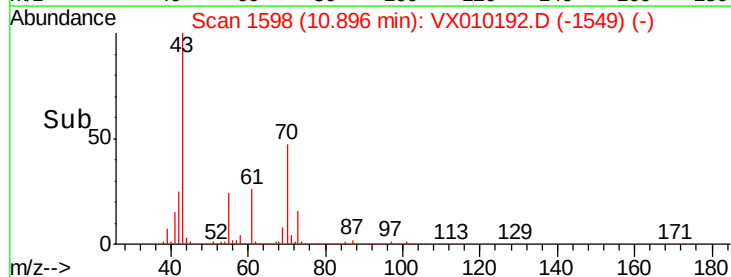
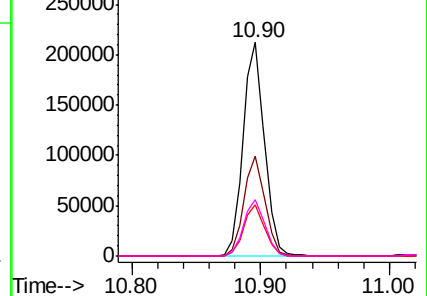


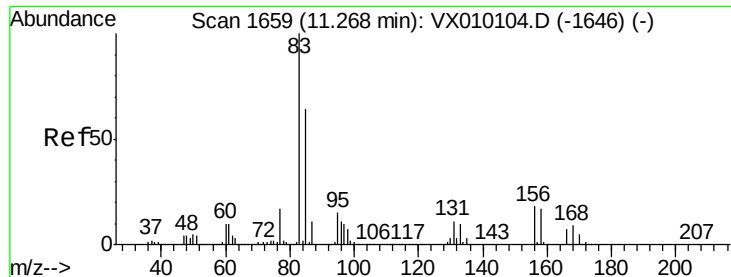
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 49.349 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX010192.D

Acq: 10 Jun 2019 20:50

Instrument :

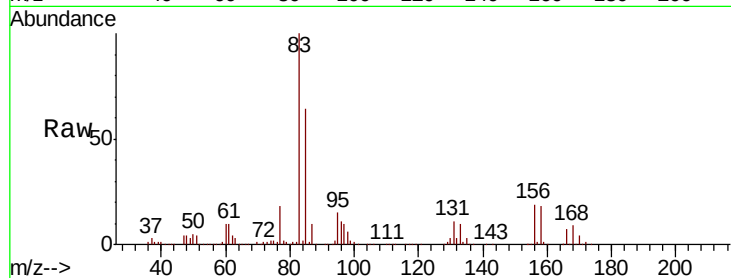
MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 211927

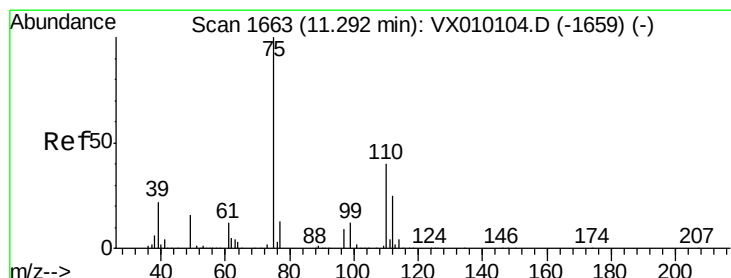
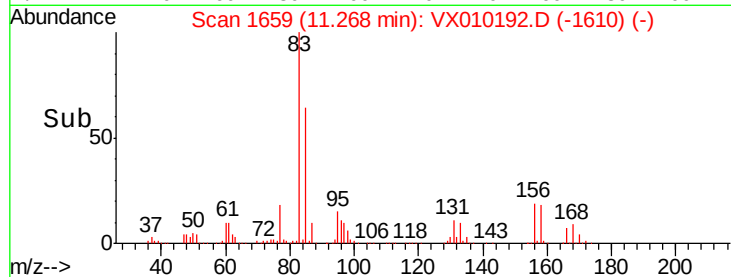
Ion	Ratio	Lower	Upper
83	100		
131	10.9	4.7	14.1
85	64.1	31.9	95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 65.958 ug/l

RT: 11.29 min Scan# 1663

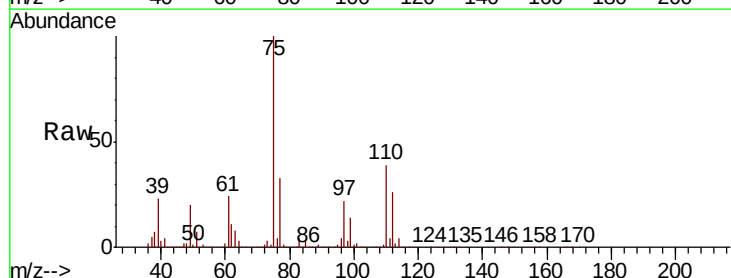
Delta R.T. -0.00 min

Lab File: VX010192.D

Acq: 10 Jun 2019 20:50

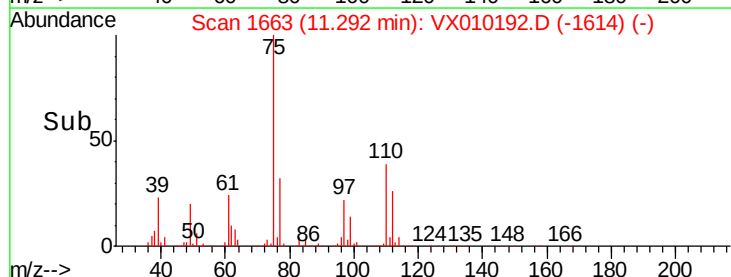
Tgt Ion: 75 Resp: 237102

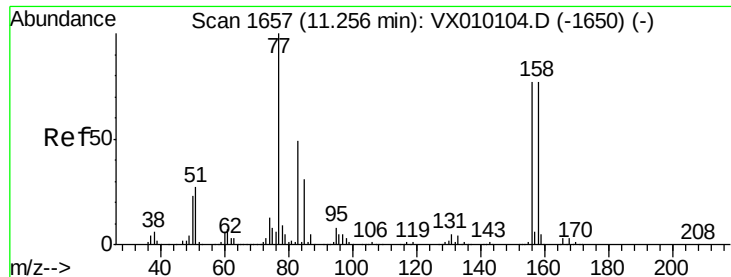
Ion	Ratio	Lower	Upper
75	100		
77	32.9	22.1	66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.728 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX010192.D

Acq: 10 Jun 2019 20:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

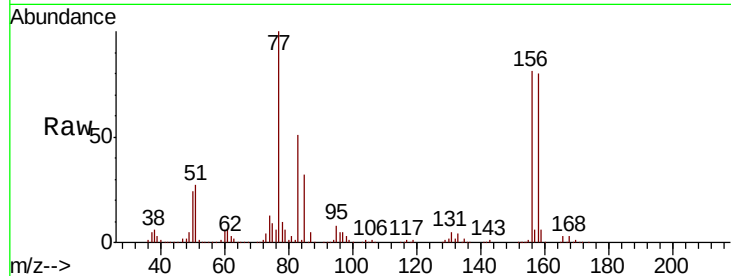
Tot Ion:156 Resp: 168110

Ion Ratio Lower Upper

156 100

77 132.3 86.8 260.3

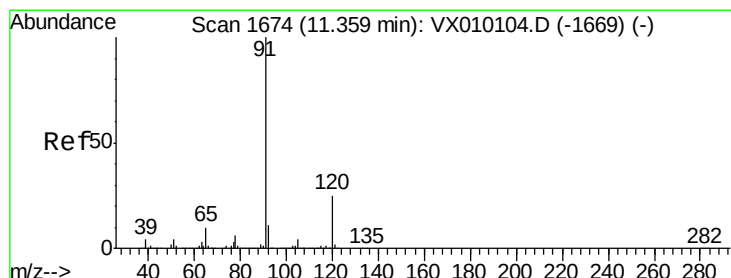
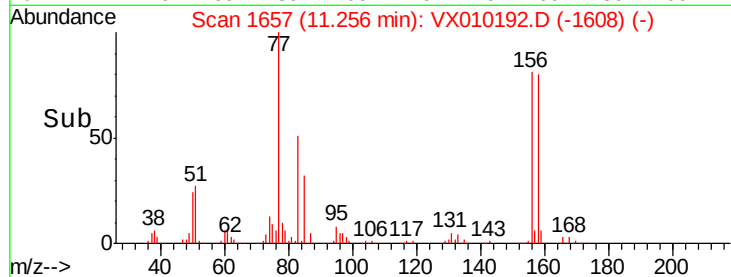
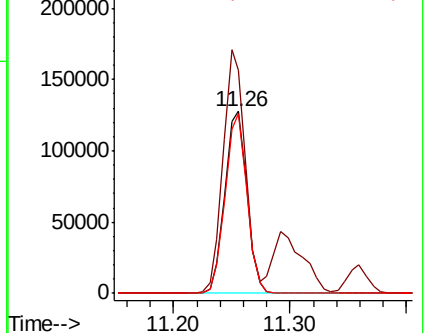
158 97.0 49.6 148.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.402 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010192.D

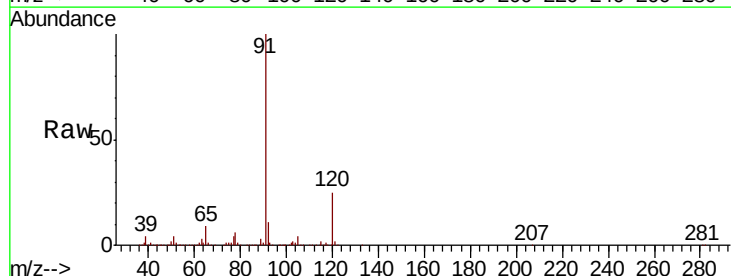
Acq: 10 Jun 2019 20:50

Tgt Ion: 91 Resp: 676018

Ion Ratio Lower Upper

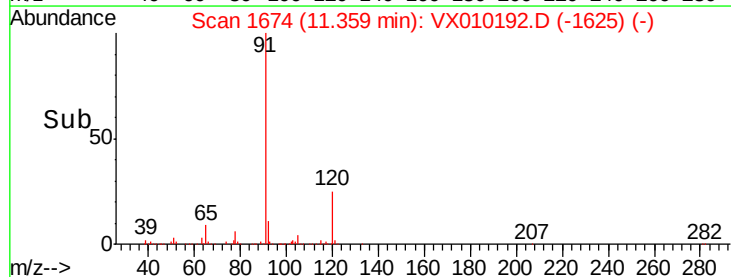
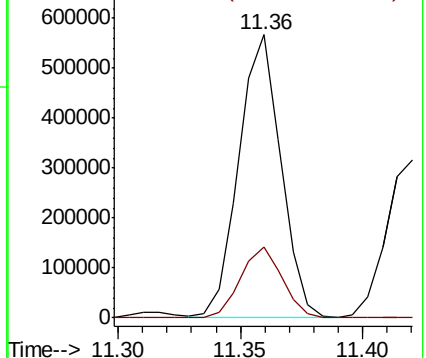
91 100

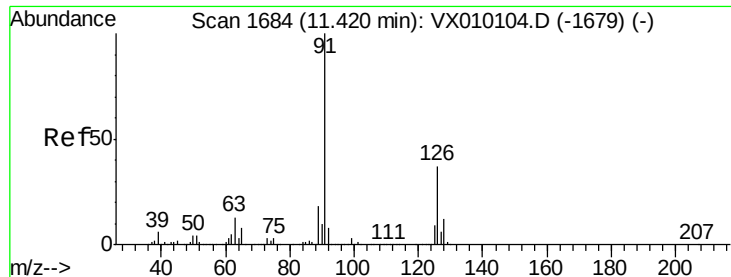
120 24.9 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.571 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX010192.D

Acq: 10 Jun 2019 20:50

Instrument :

MSVOA_X

ClientSampleId :

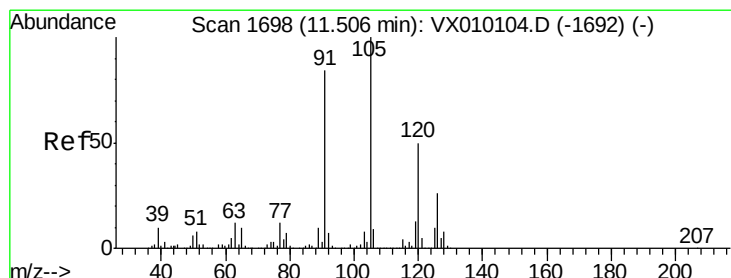
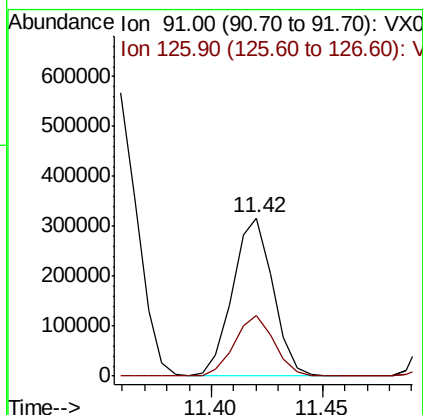
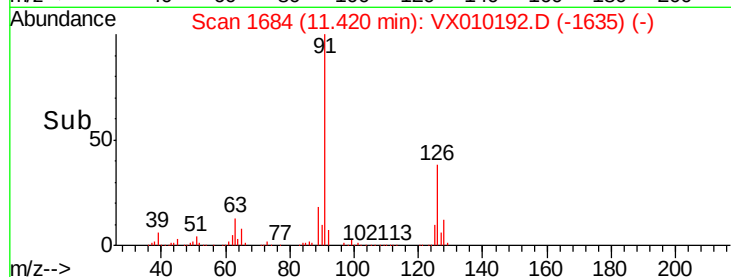
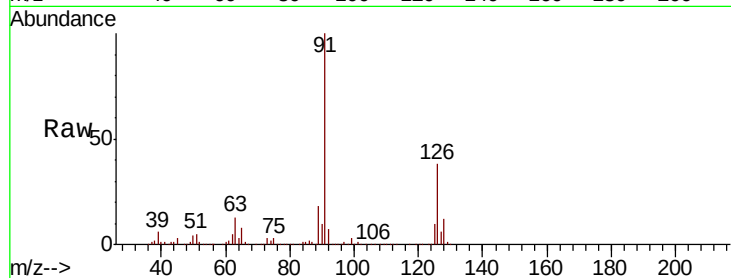
VSTDCCC050EC

Tot Ion: 91 Resp: 399045

Ion Ratio Lower Upper

91 100

126 37.7 16.1 48.3



#80

1,3,5-Trimethylbenzene

Concen: 48.284 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010192.D

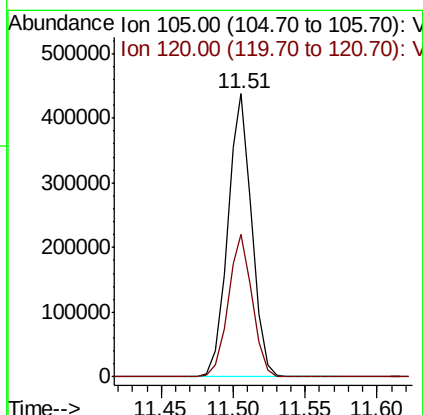
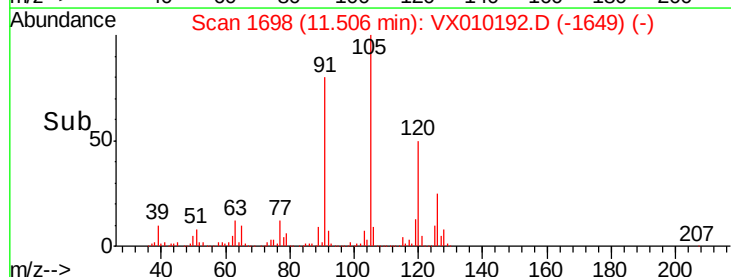
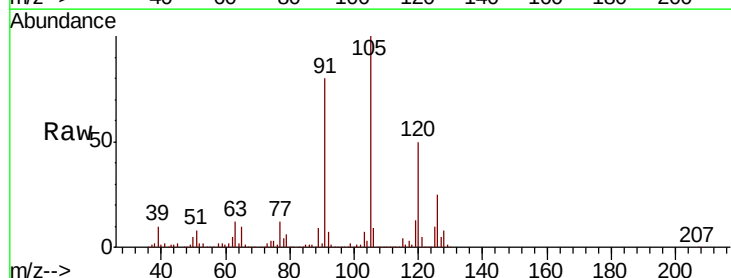
Acq: 10 Jun 2019 20:50

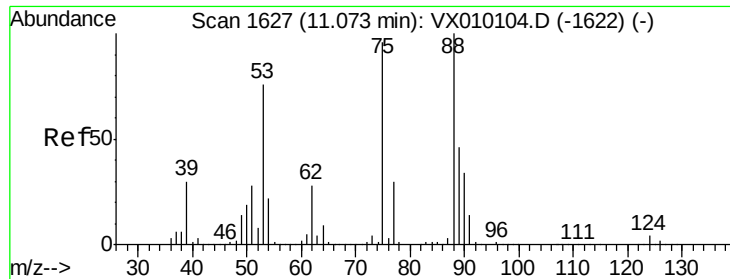
Tgt Ion: 105 Resp: 510207

Ion Ratio Lower Upper

105 100

120 50.5 24.1 72.3

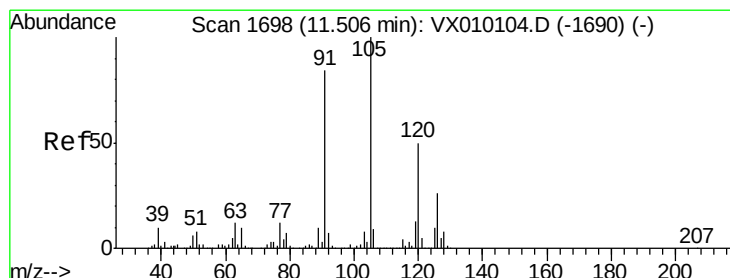
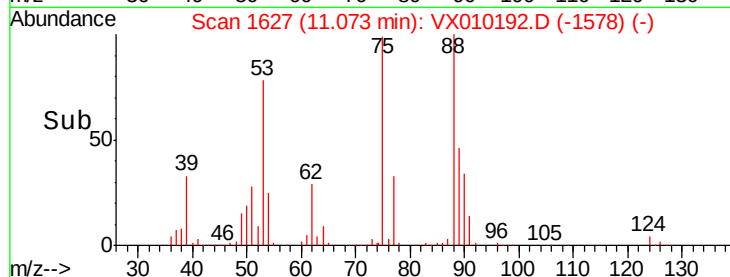
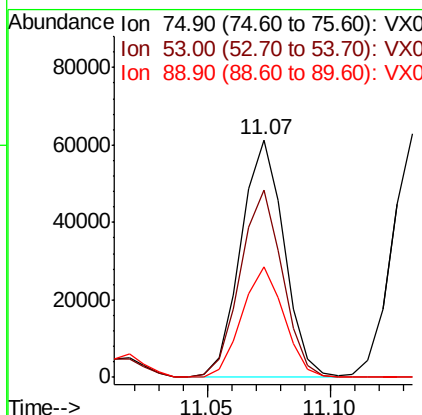
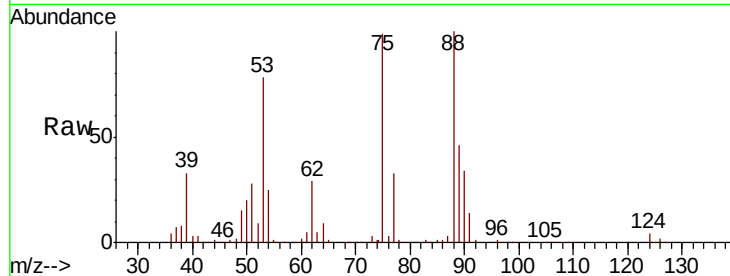




#81
trans-1,4-Dichloro-2-butene
Concen: 46.094 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX010192.D
Acq: 10 Jun 2019 20:50

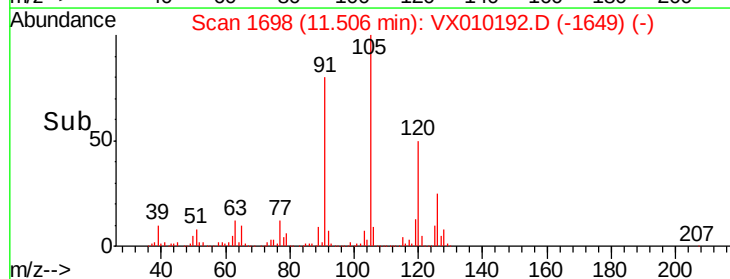
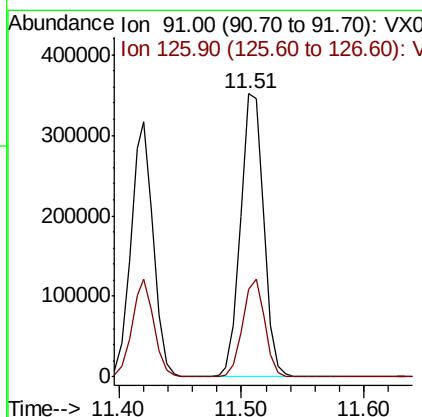
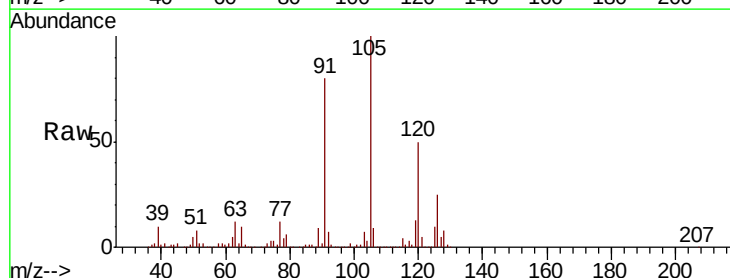
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

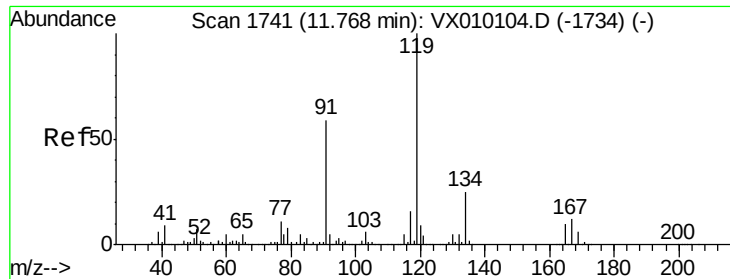
Tot Ion: 75 Resp: 74995
Ion Ratio Lower Upper
75 100
53 78.4 79.8 119.6#
89 45.9 34.2 51.4



#82
4-Chlorotoluene
Concen: 48.030 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX010192.D
Acq: 10 Jun 2019 20:50

Tgt Ion: 91 Resp: 457680
Ion Ratio Lower Upper
91 100
126 33.0 14.2 42.6

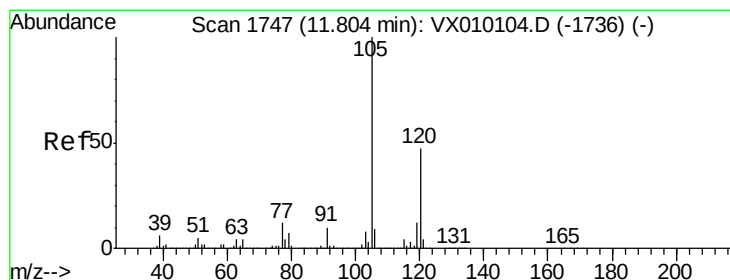
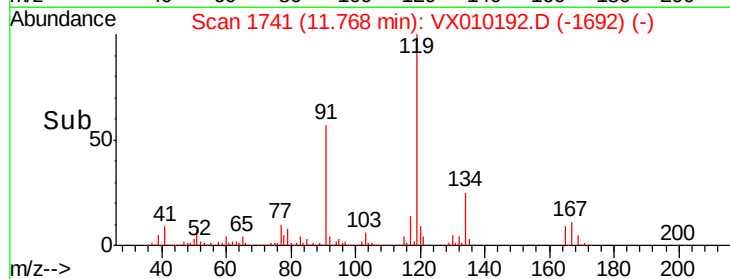
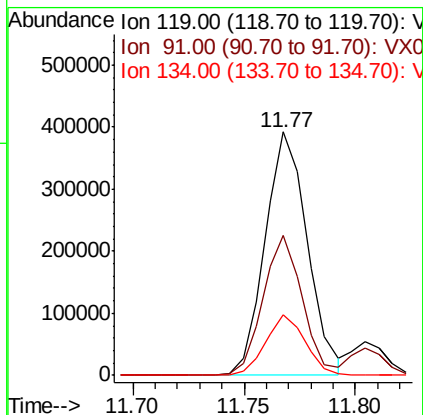
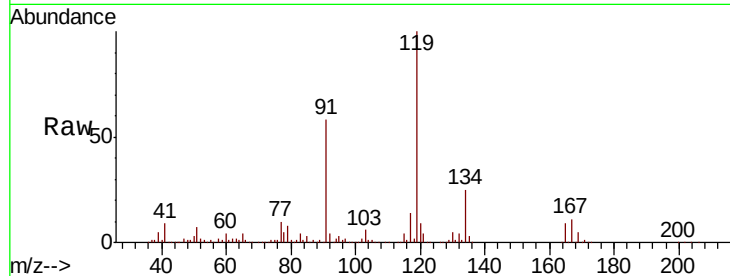




#83
 tert-Butylbenzene
 Concen: 48.375 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX010192.D
 Acq: 10 Jun 2019 20:50

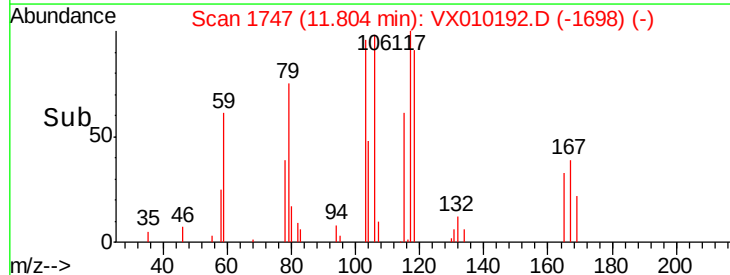
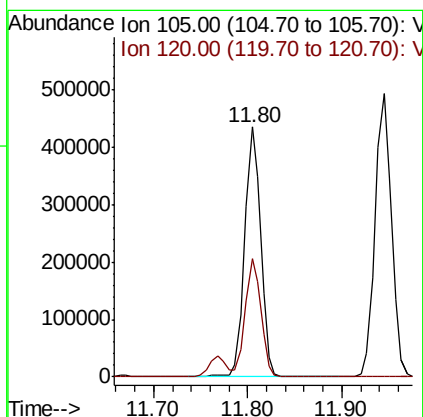
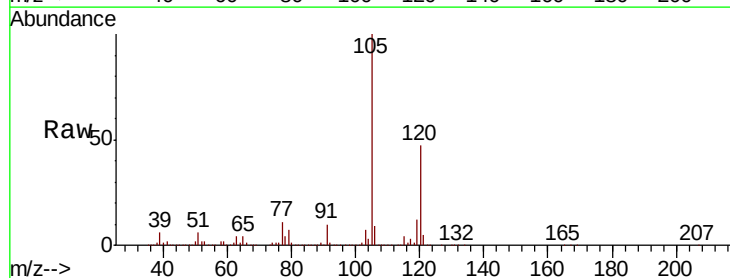
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

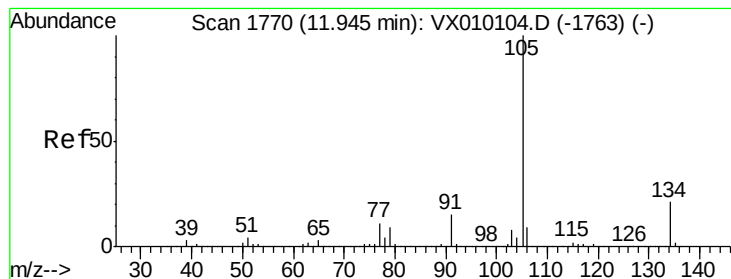
Tot Ion:119 Resp: 517370
 Ion Ratio Lower Upper
 119 100
 91 53.6 30.0 90.0
 134 23.1 11.2 33.5



#84
 1,2,4-Trimethylbenzene
 Concen: 48.316 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX010192.D
 Acq: 10 Jun 2019 20:50

Tgt Ion:105 Resp: 515691
 Ion Ratio Lower Upper
 105 100
 120 47.0 22.1 66.1





#85

sec-Butylbenzene

Concen: 47.893 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX010192.D

Acq: 10 Jun 2019 20:50

Instrument :

MSVOA_X

ClientSampleId :

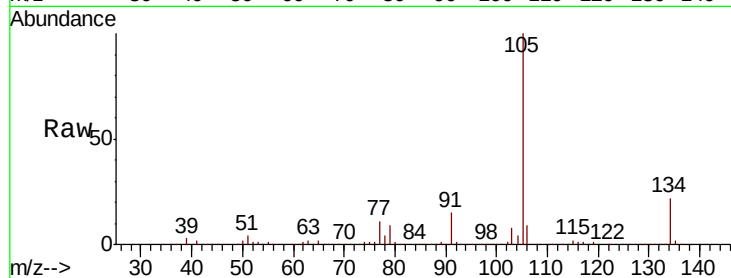
VSTDCCC050EC

Tot Ion:105 Resp: 596750

Ion Ratio Lower Upper

105 100

134 21.5 9.7 28.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

500000

400000

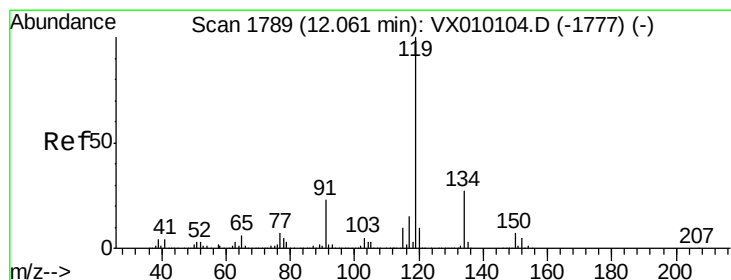
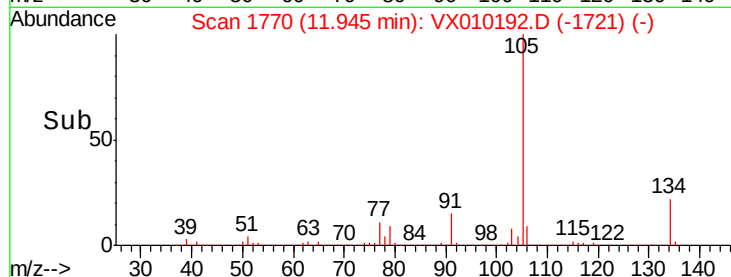
300000

200000

100000

0

Time--> 11.85 11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 48.439 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX010192.D

Acq: 10 Jun 2019 20:50

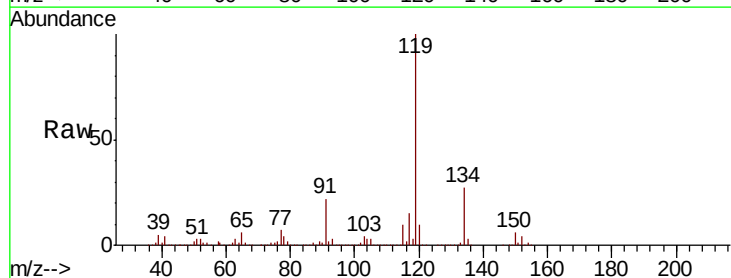
Tgt Ion:119 Resp: 551761

Ion Ratio Lower Upper

119 100

134 27.4 12.9 38.6

91 22.2 11.9 35.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.06

600000

500000

400000

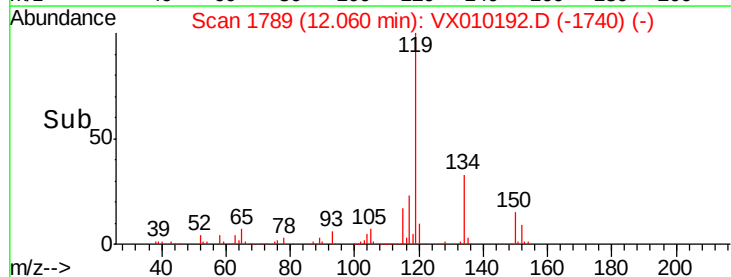
300000

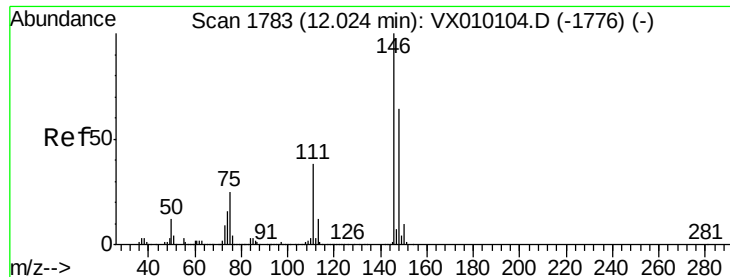
200000

100000

0

Time--> 12.00 12.10





#87

1,3-Dichlorobenzene

Concen: 48.895 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX010192.D

Acq: 10 Jun 2019 20:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

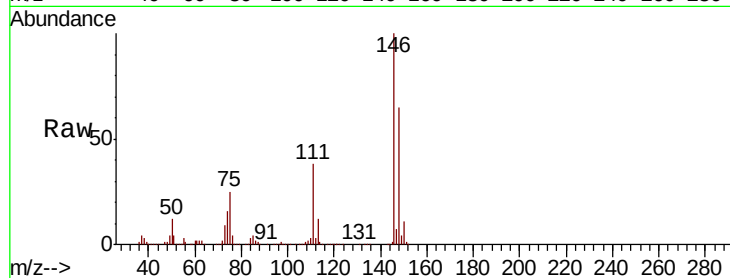
Tot Ion:146 Resp: 297129

Ion Ratio Lower Upper

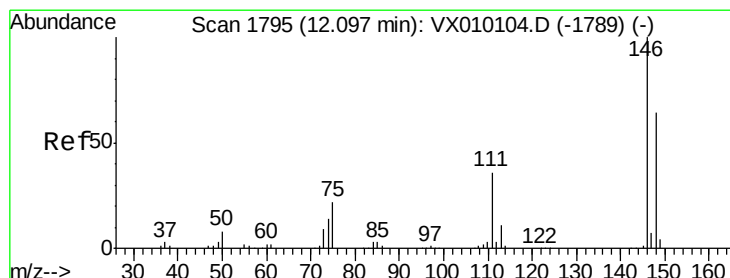
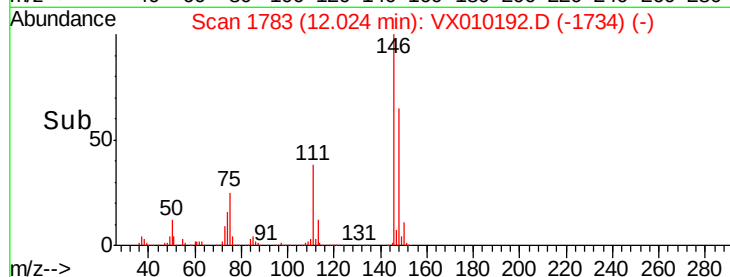
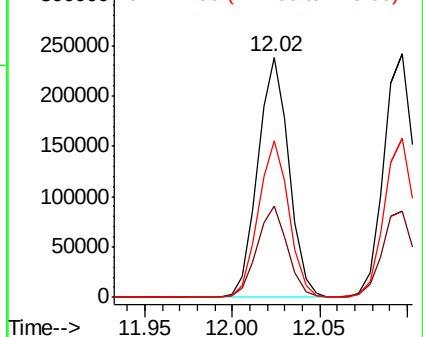
146 100

111 37.1 20.1 60.2

148 64.0 31.9 95.5



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



#88

1,4-Dichlorobenzene

Concen: 47.678 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX010192.D

Acq: 10 Jun 2019 20:50

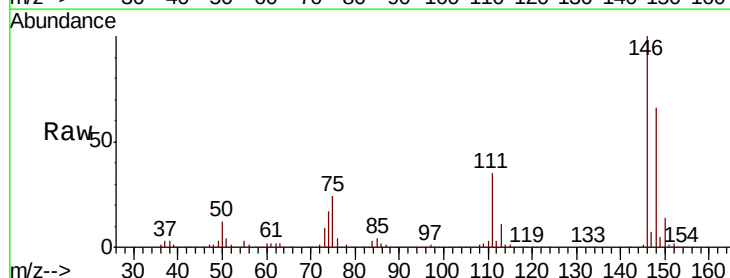
Tgt Ion:146 Resp: 292067

Ion Ratio Lower Upper

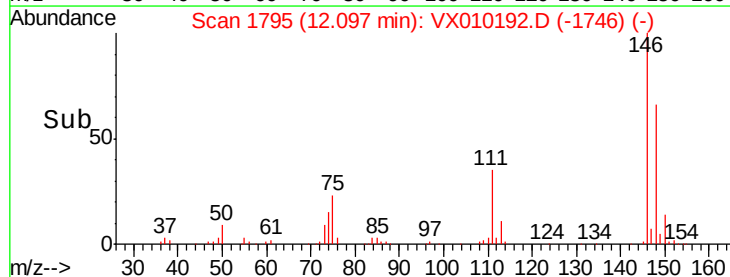
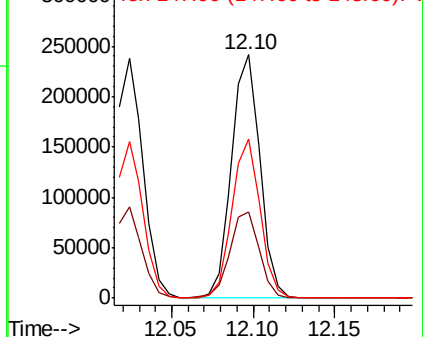
146 100

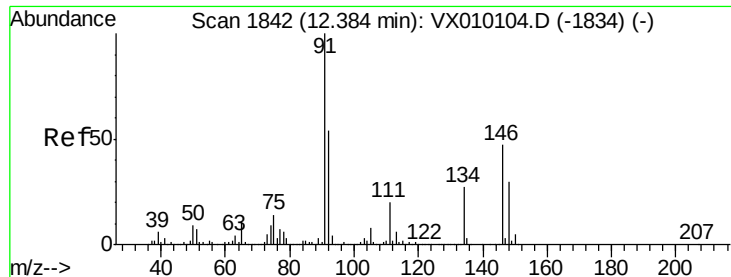
111 36.7 20.0 59.9

148 64.6 32.3 96.9



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

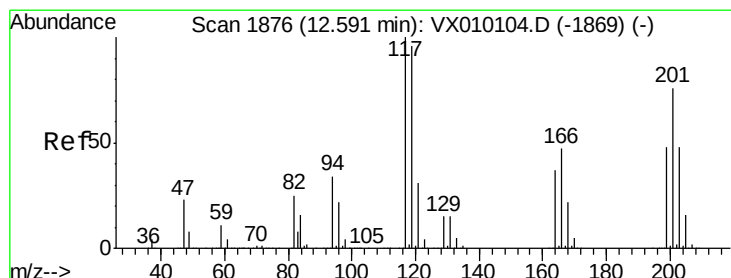
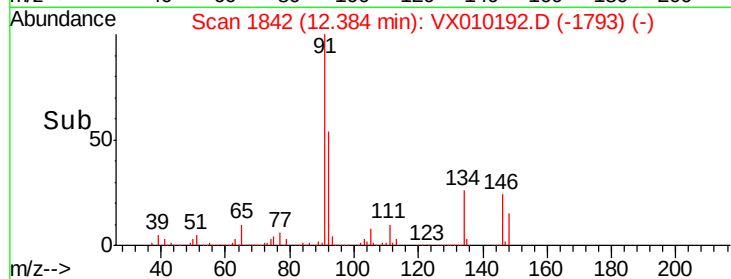
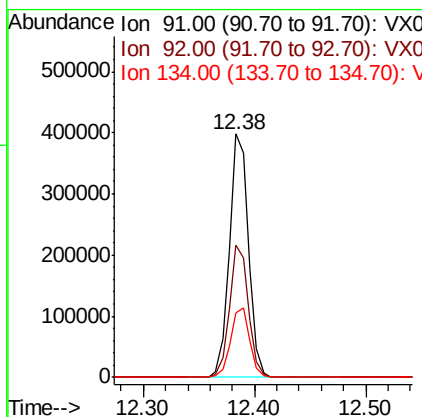
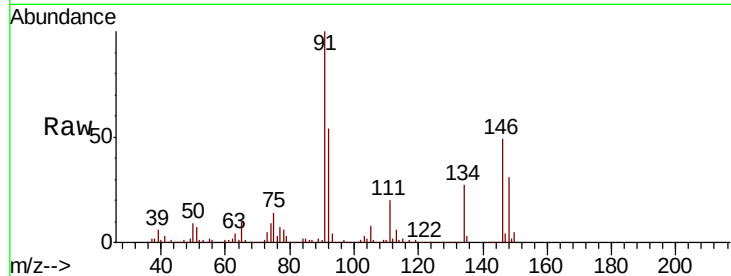




#89
n-Butylbenzene
Concen: 47.721 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX010192.D
Acq: 10 Jun 2019 20:50

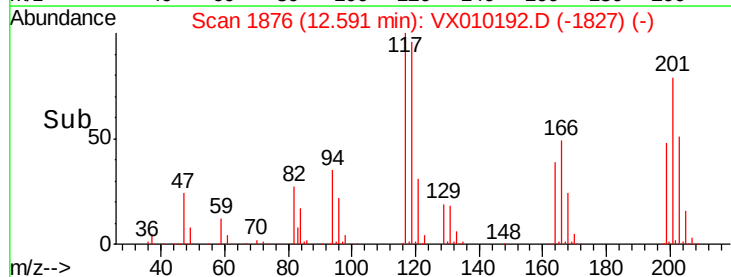
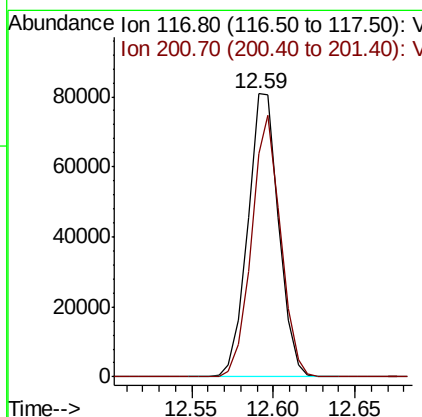
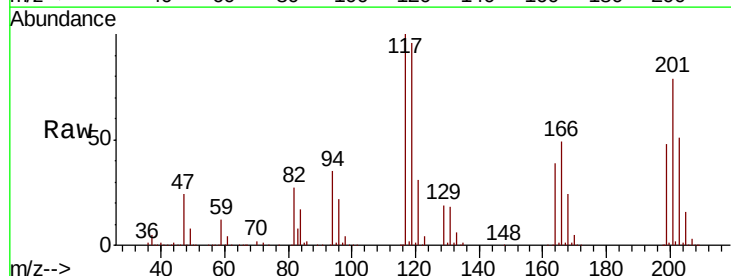
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

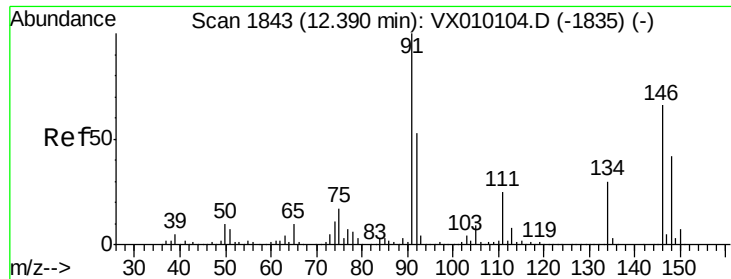
Tot Ion: 91 Resp: 467905
Ion Ratio Lower Upper
91 100
92 53.6 26.3 78.8
134 28.7 12.3 36.8



#90
Hexachloroethane
Concen: 47.109 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.00 min
Lab File: VX010192.D
Acq: 10 Jun 2019 20:50

Tgt Ion: 117 Resp: 106895
Ion Ratio Lower Upper
117 100
201 86.7 43.6 130.9





#91

1,2-Dichlorobenzene

Concen: 49.828 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX010192.D

Acq: 10 Jun 2019 20:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

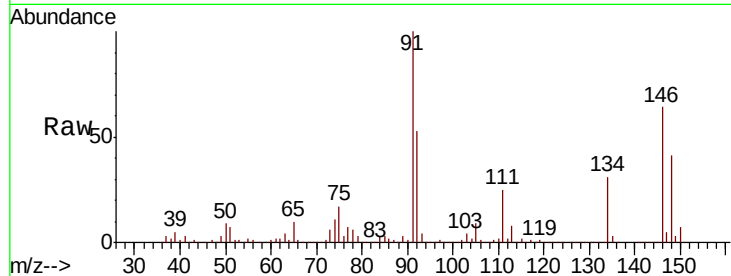
Tot Ion:146 Resp: 294375

Ion Ratio Lower Upper

146 100

111 38.7 21.1 63.1

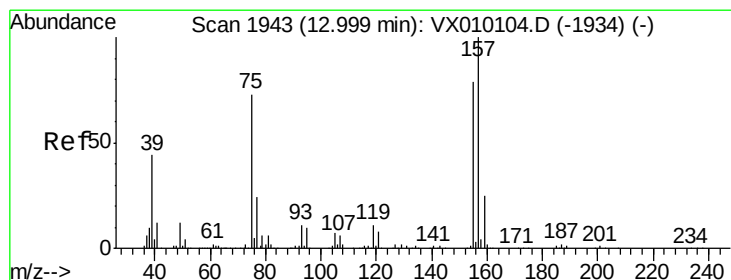
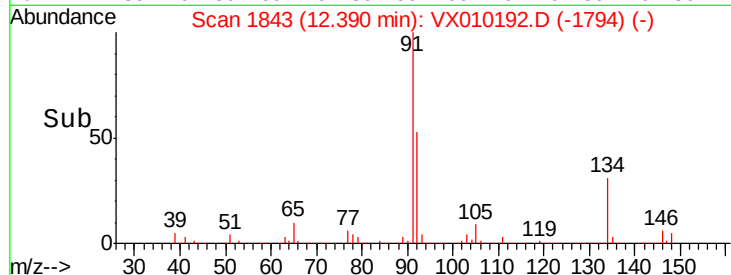
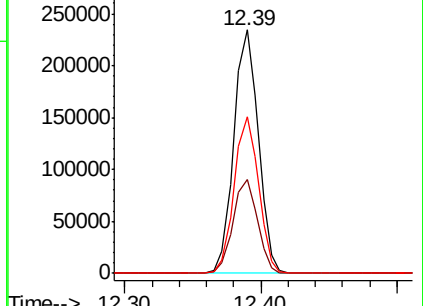
148 64.2 32.3 96.8



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 45.101 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX010192.D

Acq: 10 Jun 2019 20:50

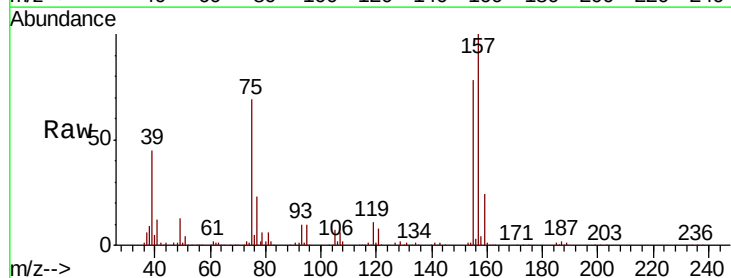
Tgt Ion: 75 Resp: 45577

Ion Ratio Lower Upper

75 100

155 108.8 39.3 117.8

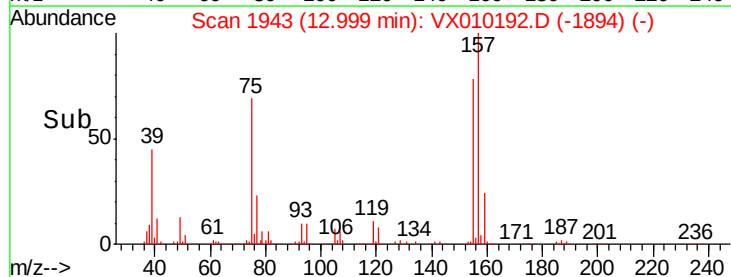
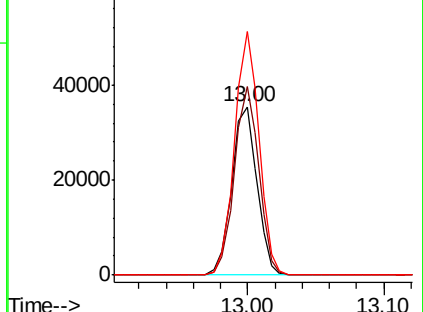
157 140.2 50.6 151.8

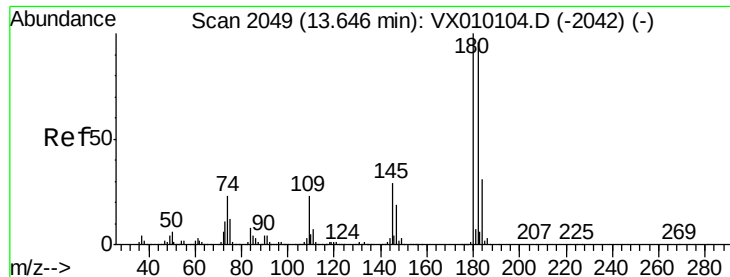


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

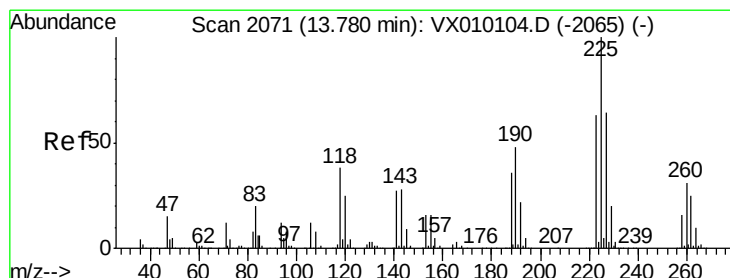
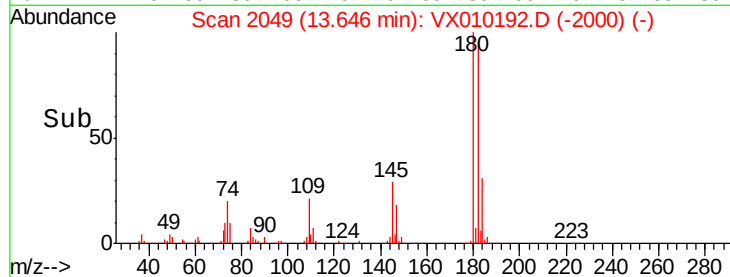
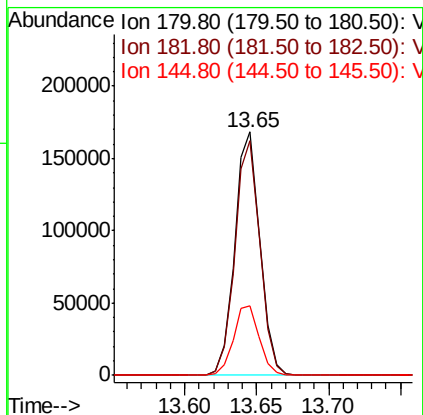
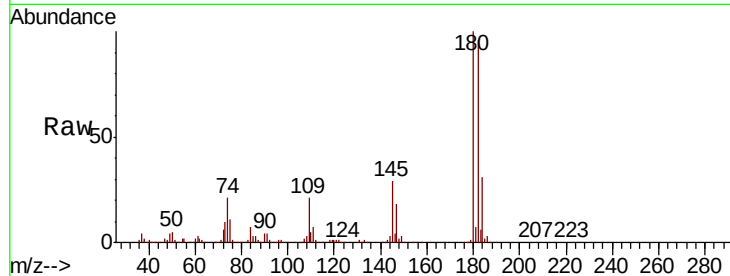




#93
 1,2,4-Trichlorobenzene
 Concen: 47.580 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX010192.D
 Acq: 10 Jun 2019 20:50

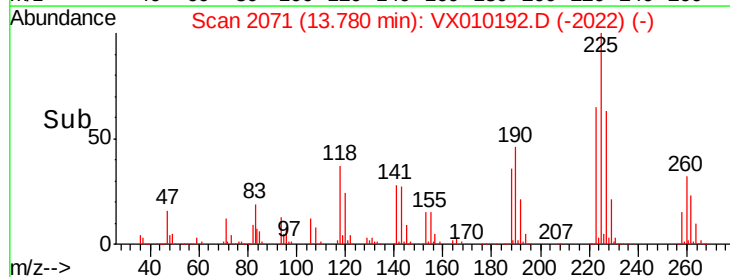
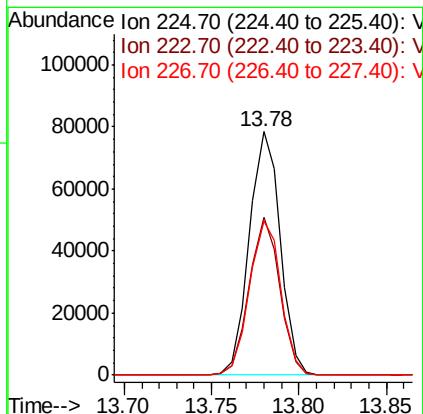
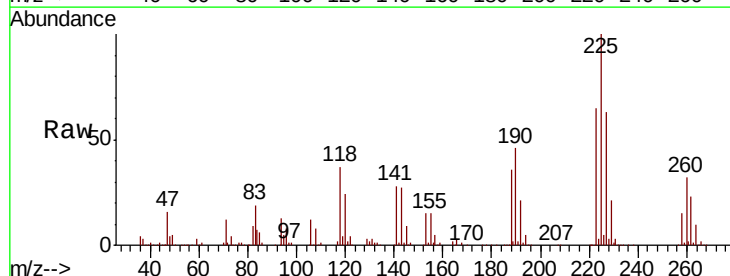
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

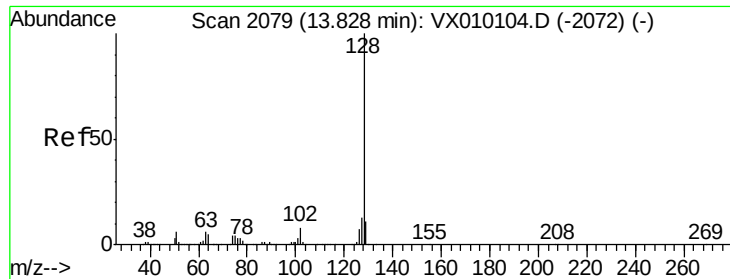
Tot Ion:180 Resp: 205758
 Ion Ratio Lower Upper
 180 100
 182 95.9 47.4 142.2
 145 29.1 14.5 43.5



#94
 Hexachlorobutadiene
 Concen: 50.084 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX010192.D
 Acq: 10 Jun 2019 20:50

Tgt Ion:225 Resp: 96323
 Ion Ratio Lower Upper
 225 100
 223 64.1 31.3 93.8
 227 64.4 32.3 96.8





#95

Naphthalene

Concen: 48.562 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.01 min

Lab File: VX010192.D

Acq: 10 Jun 2019 20:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

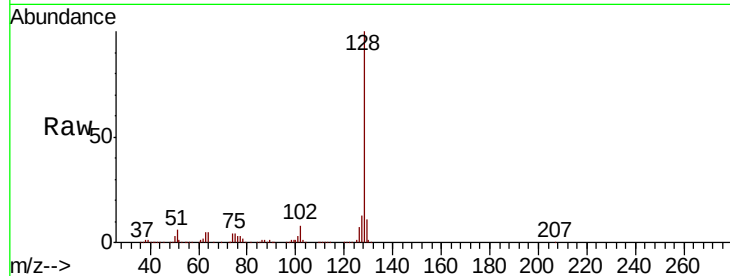
Tot Ion:128 Resp: 661067

Ion Ratio Lower Upper

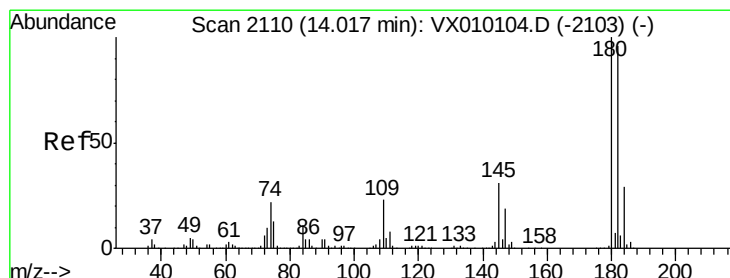
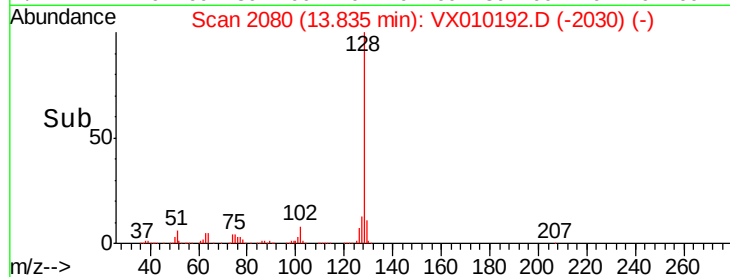
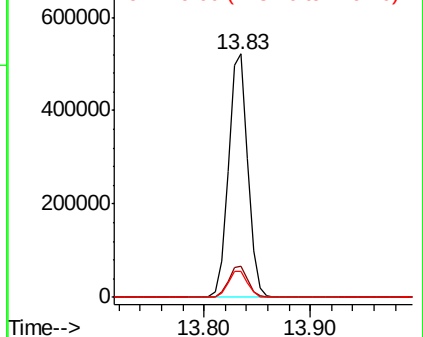
128 100

127 12.9 10.6 16.0

129 10.9 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 47.945 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX010192.D

Acq: 10 Jun 2019 20:50

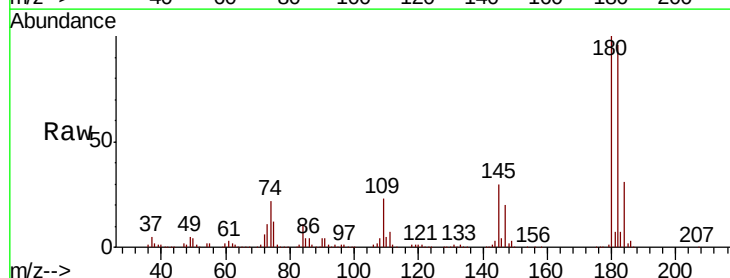
Tgt Ion:180 Resp: 205002

Ion Ratio Lower Upper

180 100

182 96.3 47.3 142.0

145 30.6 15.6 46.7



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

