

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061419\
 Data File : VX010313.D
 Acq On : 14 Jun 2019 20:09
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 15 01:24:32 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	283850	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	426245	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	395172	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	201314	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	128036	46.21	ug/l	0.00
Spiked Amount			Recovery	=	92.42%	
35) Dibromofluoromethane	5.49	113	128874	49.02	ug/l	0.00
Spiked Amount			Recovery	=	98.04%	
50) Toluene-d8	8.71	98	483680	49.09	ug/l	0.00
Spiked Amount			Recovery	=	98.18%	
62) 4-Bromofluorobenzene	11.13	95	177410	48.21	ug/l	0.00
Spiked Amount			Recovery	=	96.42%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	130328	49.899	ug/l	100
3) Chloromethane	1.32	50	116237	44.813	ug/l	97
4) Vinyl Chloride	1.41	62	130357	53.472	ug/l	99
5) Bromomethane	1.64	94	43027	46.772	ug/l	96
6) Chloroethane	1.71	64	82543	67.157	ug/l	99
7) Trichlorofluoromethane	1.93	101	209165	57.761	ug/l	100
8) Diethyl Ether	2.19	74	73587	58.958	ug/l	76
9) 1,1,2-Trichlorotrifluoroet	2.38	101	121209	48.558	ug/l	92
10) Methyl Iodide	2.51	142	111258	28.767	ug/l	98
11) Tert butyl alcohol	3.05	59	164167	241.869	ug/l	99
12) 1,1-Dichloroethene	2.37	96	119761	46.973	ug/l #	77
13) Acrolein	2.29	56	27019	218.313	ug/l	99
14) Allyl chloride	2.73	41	178043	46.262	ug/l #	89
15) Acrylonitrile	3.14	53	352659	254.198	ug/l	98
16) Acetone	2.45	43	293850	225.488	ug/l #	85
17) Carbon Disulfide	2.57	76	293379	39.824	ug/l	99
18) Methyl Acetate	2.78	43	152455	53.195	ug/l #	83
19) Methyl tert-butyl Ether	3.20	73	398860	48.695	ug/l	93
20) Methylene Chloride	2.85	84	138934	48.545	ug/l #	80
21) trans-1,2-Dichloroethene	3.17	96	128106	45.403	ug/l #	77
22) Diisopropyl ether	3.85	45	374283	50.867	ug/l #	90
23) Vinyl Acetate	3.81	43	1626106	247.721	ug/l #	88
24) 1,1-Dichloroethane	3.70	63	214643	48.045	ug/l	94
25) 2-Butanone	4.67	43	479627	247.161	ug/l #	83
26) 2,2-Dichloropropane	4.59	77	169579	41.607	ug/l	92
27) cis-1,2-Dichloroethene	4.60	96	154722	49.292	ug/l	77
28) Bromochloromethane	5.02	49	101177	50.532	ug/l #	48
29) Tetrahydrofuran	5.13	42	303802	249.111	ug/l #	75
30) Chloroform	5.21	83	231998	50.002	ug/l	97
31) Cyclohexane	5.58	56	191386	47.467	ug/l #	75
32) 1,1,1-Trichloroethane	5.49	97	205543	47.123	ug/l	93
36) 1,1-Dichloropropene	5.81	75	161855	46.543	ug/l	91
37) Ethyl Acetate	4.84	43	177013	48.922	ug/l #	92
38) Carbon Tetrachloride	5.79	117	186101	47.280	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	213613	45.111	ug/l #	83
40) Benzene	6.14	78	531770	49.453	ug/l	98
41) Methacrylonitrile	5.04	41	97224	49.674	ug/l #	84
42) 1,2-Dichloroethane	6.20	62	164996	48.063	ug/l	93
43) Isopropyl Acetate	6.45	43	296036	48.934	ug/l #	89
44) Trichloroethene	7.21	130	157912	48.719	ug/l	87
45) 1,2-Dichloropropane	7.51	63	135836	50.470	ug/l	98
46) Dibromomethane	7.66	93	97372	48.291	ug/l	91
47) Bromodichloromethane	7.90	83	182489	48.434	ug/l #	98
48) Methyl methacrylate	7.77	41	141228	49.917	ug/l #	77
49) 1,4-Dioxane	7.74	88	73467	910.760	ug/l #	80
51) 4-Methyl-2-Pentanone	8.64	43	955513	264.386	ug/l	90
52) Toluene	8.79	92	351724	49.759	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	202202	46.397	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	218357	46.737	ug/l #	88
55) 1,1,2-Trichloroethane	9.21	97	149150	51.522	ug/l	97
56) Ethyl methacrylate	9.18	69	230102	50.319	ug/l #	83
57) 1,3-Dichloropropane	9.37	76	230567	50.591	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	529395	245.572	ug/l #	86
59) 2-Hexanone	9.49	43	735506	255.247	ug/l	88
60) Dibromochloromethane	9.58	129	168474	49.202	ug/l	100
61) 1,2-Dibromoethane	9.67	107	160336	49.730	ug/l	99
64) Tetrachloroethene	9.34	164	149577	50.963	ug/l	99
65) Chlorobenzene	10.13	112	406004	49.780	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	154298	49.194	ug/l	100
67) Ethyl Benzene	10.25	91	683488	49.227	ug/l	94
68) m/p-Xylenes	10.36	106	530287	98.697	ug/l	89
69) o-Xylene	10.69	106	263044	49.251	ug/l	88
70) Styrene	10.71	104	448906	49.627	ug/l	95
71) Bromoform	10.85	173	136223	47.244	ug/l #	99
73) Isopropylbenzene	11.02	105	692467	49.275	ug/l	95
74) N-amyl acetate	10.90	43	271796	48.927	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.27	83	235554	48.967	ug/l	97
76) 1,2,3-Trichloropropane	11.29	75	259121	64.351	ug/l	82
77) Bromobenzene	11.26	156	190405	49.270	ug/l	81
78) n-propylbenzene	11.36	91	764943	48.894	ug/l	95
79) 2-Chlorotoluene	11.42	91	453409	48.254	ug/l	90
80) 1,3,5-Trimethylbenzene	11.51	105	573147	48.422	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	78851	43.265	ug/l	85
82) 4-Chlorotoluene	11.51	91	521557	48.863	ug/l	91
83) tert-Butylbenzene	11.77	119	581141	48.509	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	581667	48.651	ug/l	97
85) sec-Butylbenzene	11.94	105	682824	48.922	ug/l	96
86) p-Isopropyltoluene	12.06	119	627854	49.207	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	337119	49.525	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	331800	48.354	ug/l	97
89) n-Butylbenzene	12.38	91	533207	48.547	ug/l	97
90) Hexachloroethane	12.60	117	113830	44.784	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	332915	50.307	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	49452	43.686	ug/l	67

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Quant Title : SW846 8260
QLast Update : Sat Jun 08 02:12:13 2019
Response via : Initial Calibration

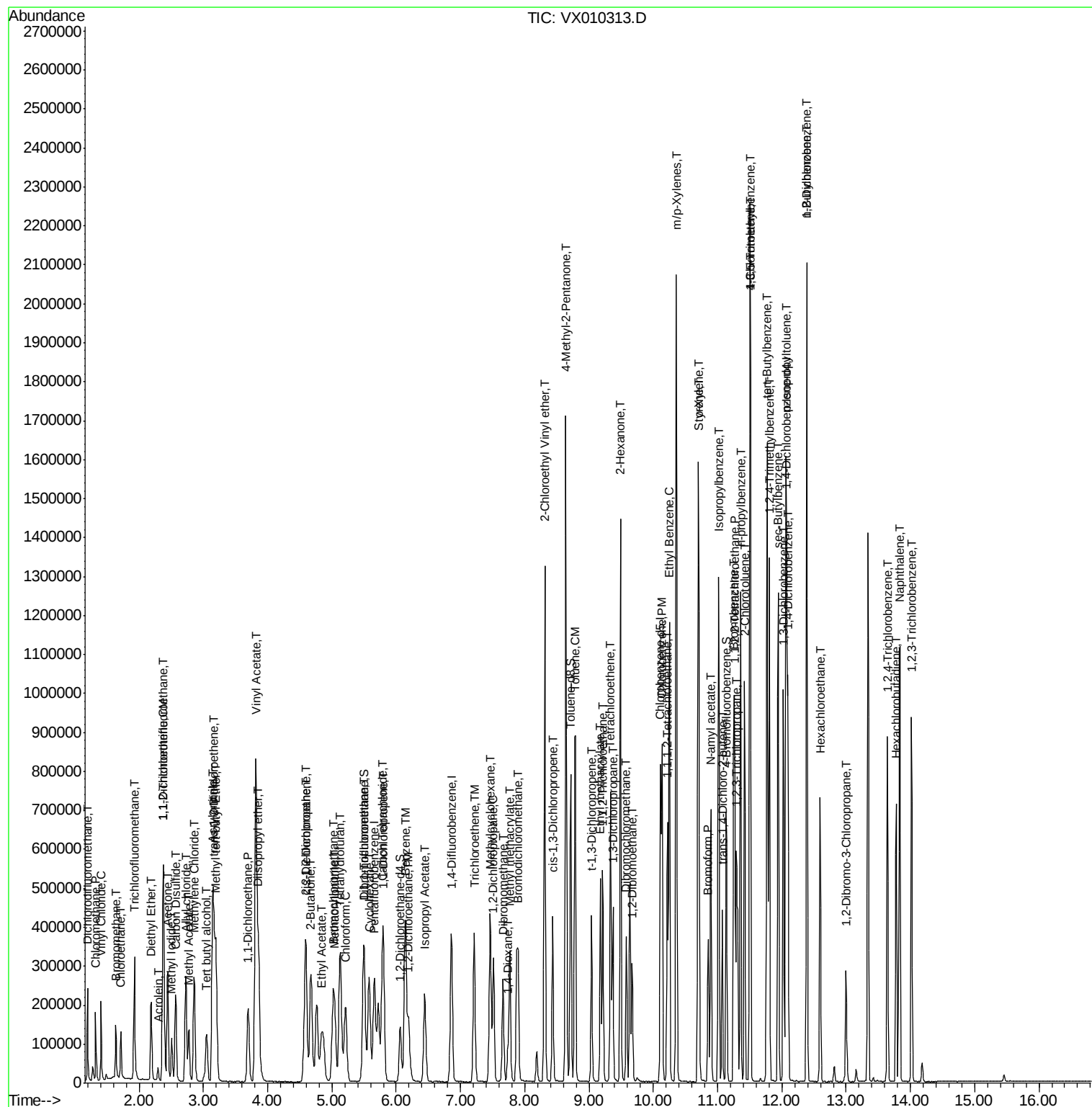
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	233722	48.249	ug/l	100
94) Hexachlorobutadiene	13.78	225	107914	50.092	ug/l	99
95) Naphthalene	13.83	128	738951	48.460	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	231392	48.312	ug/l	98

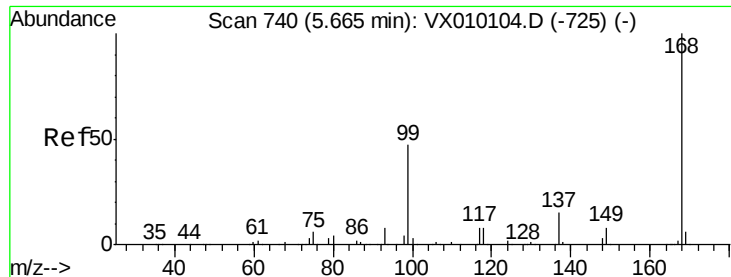
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010313.D

Acq: 14 Jun 2019 20:09

Instrument :

MSVOA_X

ClientSampleId :

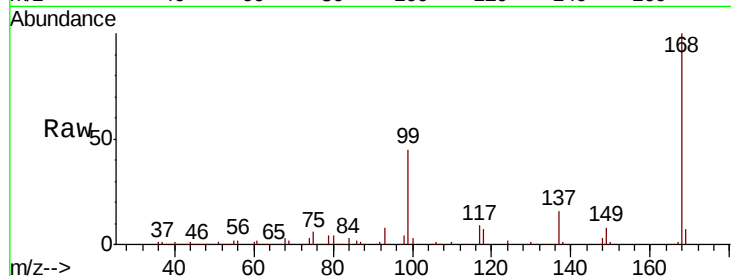
VSTDCCC050EC

Tot Ion:168 Resp: 283850

Ion Ratio Lower Upper

168 100

99 44.9 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

120000

100000

80000

60000

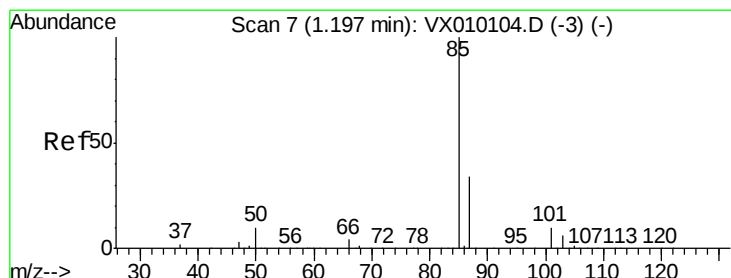
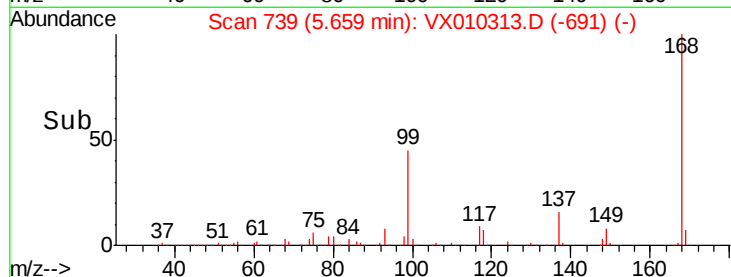
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 49.899 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX010313.D

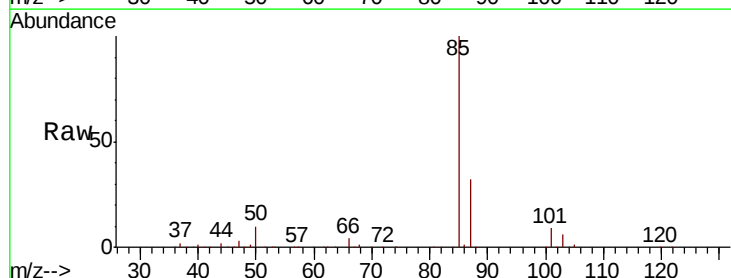
Acq: 14 Jun 2019 20:09

Tgt Ion: 85 Resp: 130328

Ion Ratio Lower Upper

85 100

87 32.1 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

150000

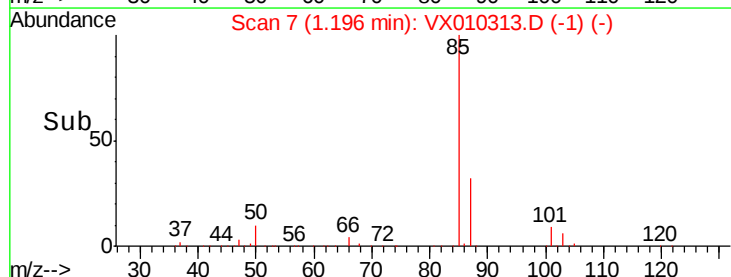
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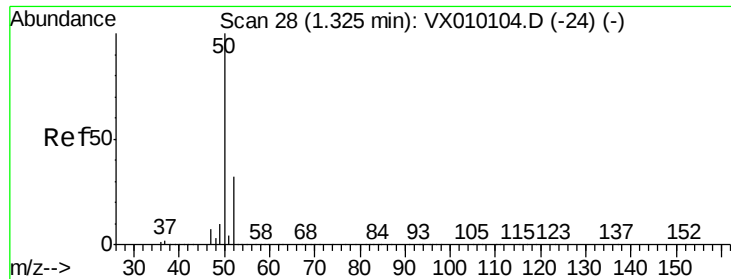
50000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 44.813 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX010313.D

Acq: 14 Jun 2019 20:09

Instrument :

MSVOA_X

ClientSampleId :

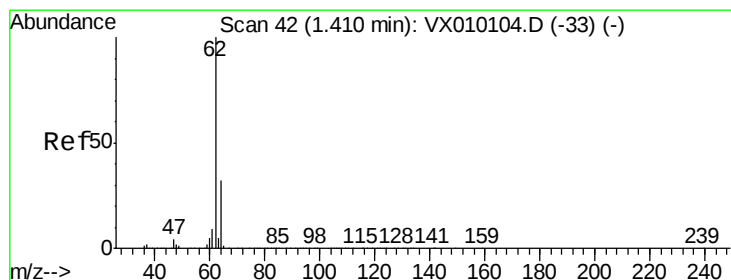
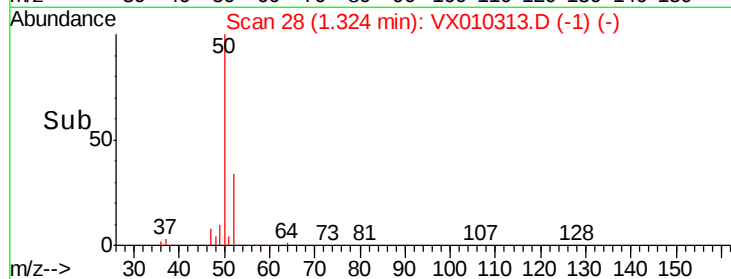
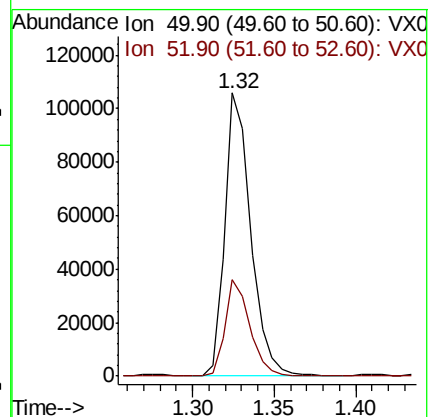
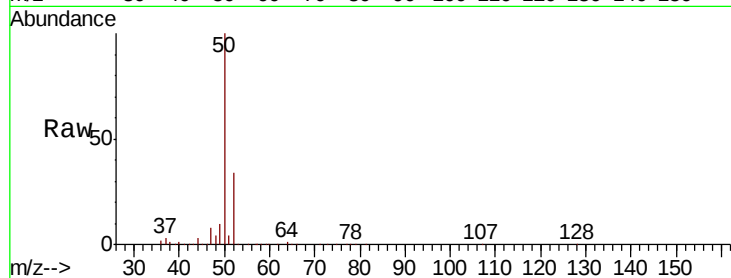
VSTDCCC050EC

Tot Ion: 50 Resp: 116237

Ion Ratio Lower Upper

50 100

52 34.2 26.0 39.0



#4

Vinyl Chloride

Concen: 53.472 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010313.D

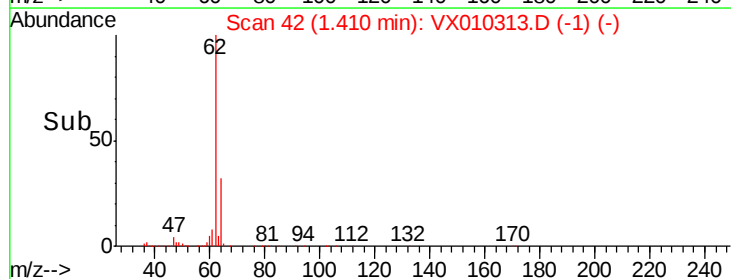
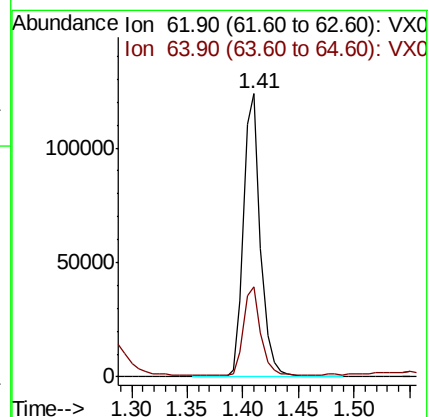
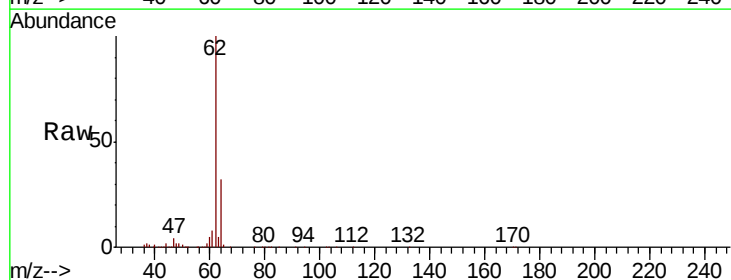
Acq: 14 Jun 2019 20:09

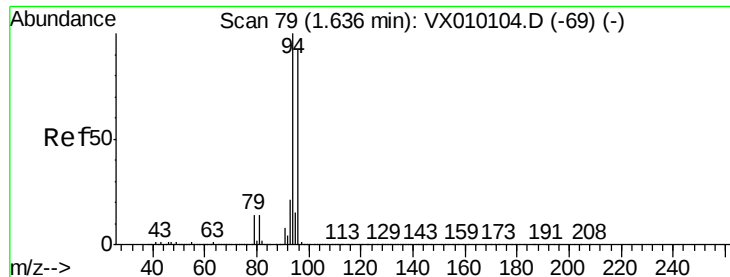
Tgt Ion: 62 Resp: 130357

Ion Ratio Lower Upper

62 100

64 31.4 25.7 38.5





#5

Bromomethane

Concen: 46.772 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX010313.D

Acq: 14 Jun 2019 20:09

Instrument :

MSVOA_X

ClientSampleId :

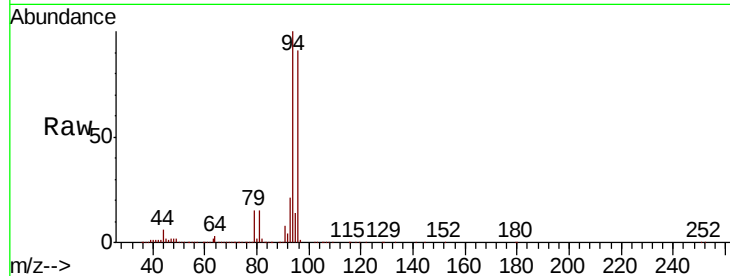
VSTDCCC050EC

Tot Ion: 94 Resp: 43027

Ion Ratio Lower Upper

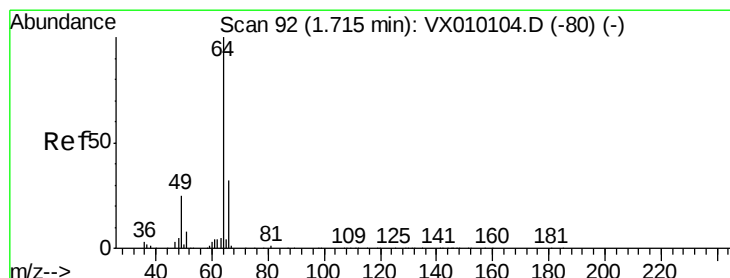
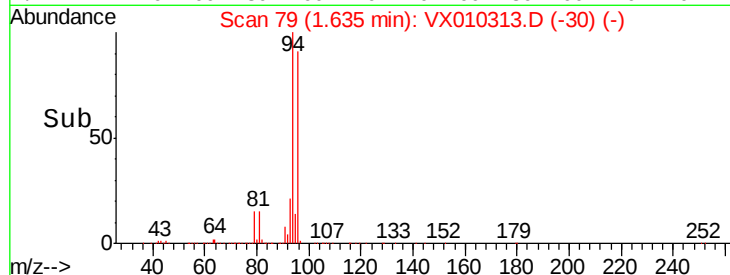
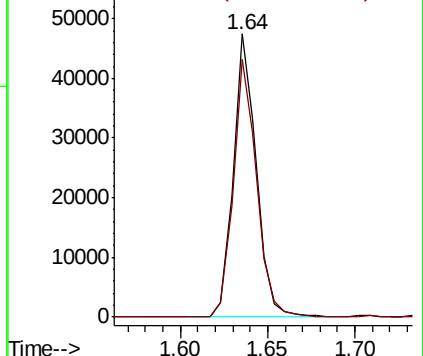
94 100

96 91.3 76.2 114.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 67.157 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX010313.D

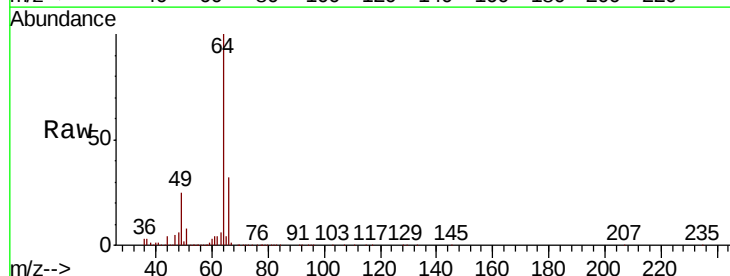
Acq: 14 Jun 2019 20:09

Tgt Ion: 64 Resp: 82543

Ion Ratio Lower Upper

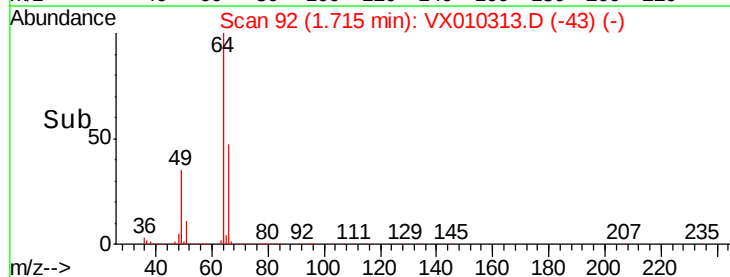
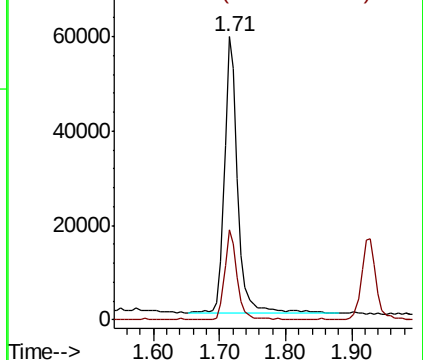
64 100

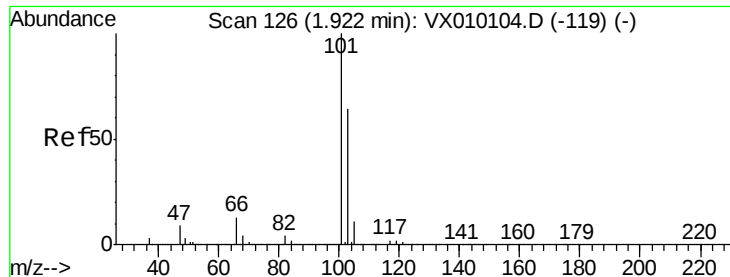
66 32.0 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



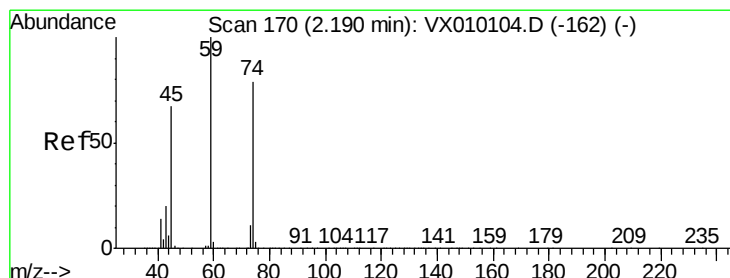
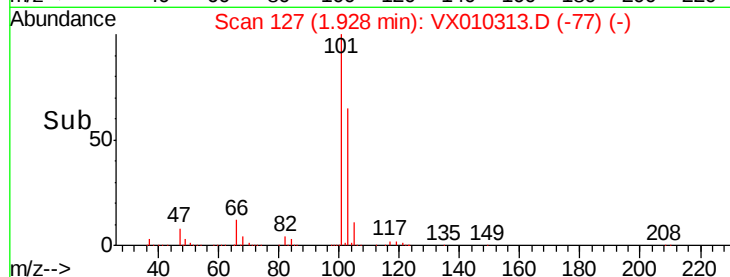
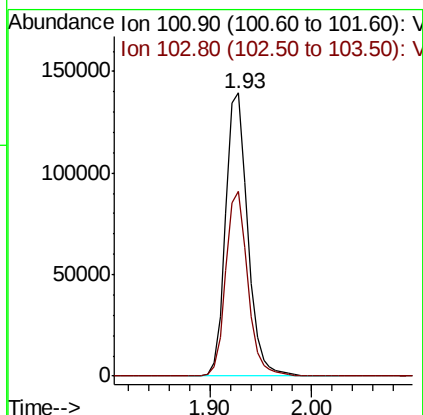
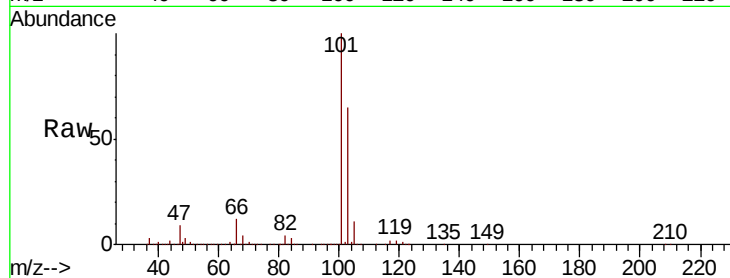


#7

Trichlorofluoromethane
Concen: 57.761 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX010313.D
Acq: 14 Jun 2019 20:09

Instrument :
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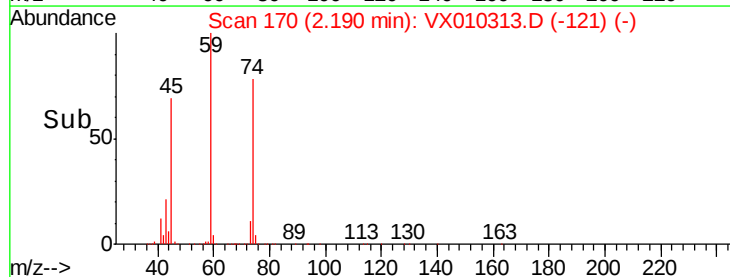
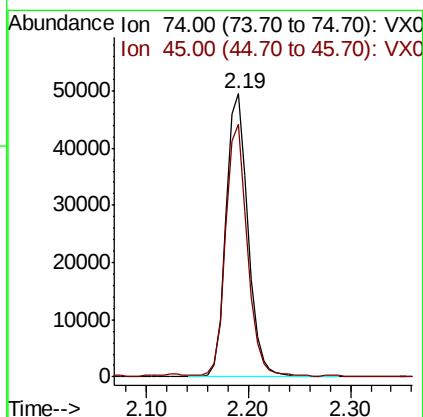
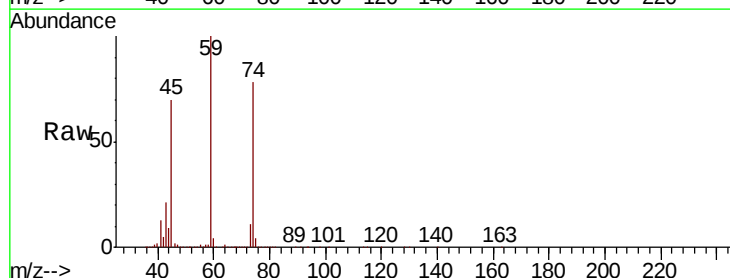
Tot Ion:101 Resp: 209165
Ion Ratio Lower Upper
101 100
103 65.2 52.2 78.4

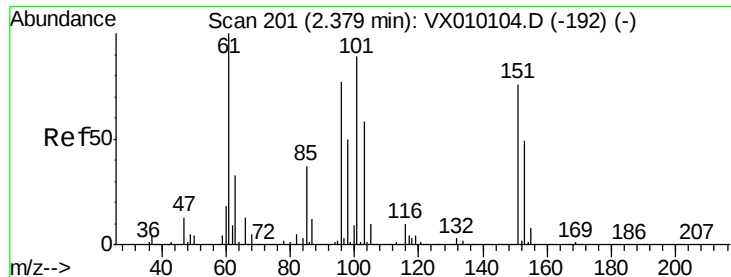


#8

Diethyl Ether
Concen: 58.958 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX010313.D
Acq: 14 Jun 2019 20:09

Tgt Ion: 74 Resp: 73587
Ion Ratio Lower Upper
74 100
45 86.8 56.1 168.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.558 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX010313.D

Acq: 14 Jun 2019 20:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

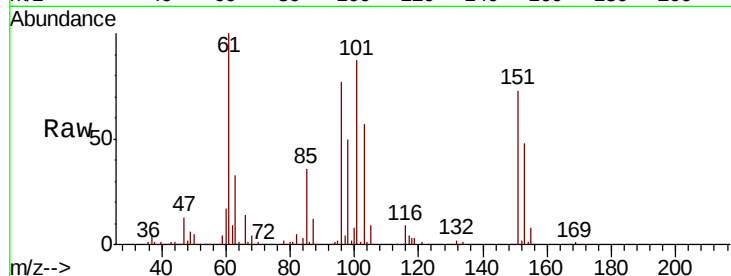
Tot Ion:101 Resp: 121209

Ion Ratio Lower Upper

101 100

85 41.7 35.2 52.8

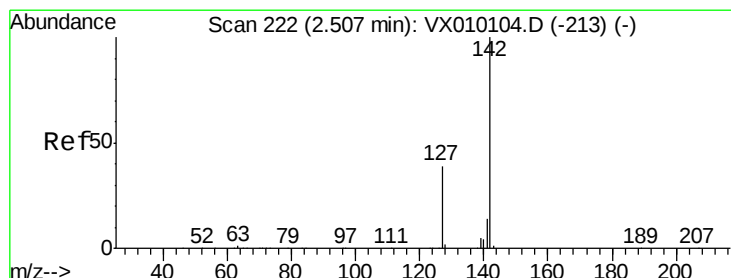
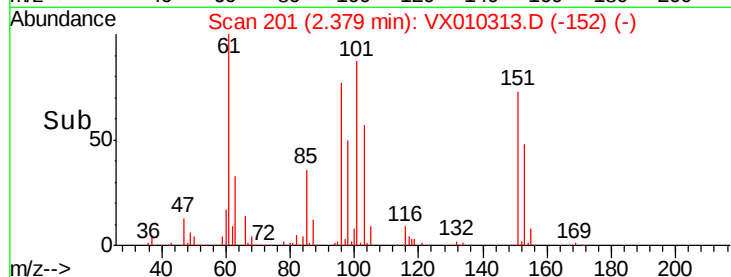
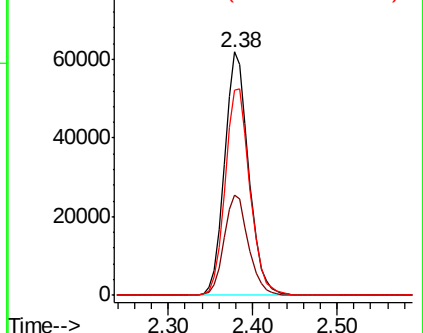
151 86.9 61.9 92.9



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: 28.767 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX010313.D

Acq: 14 Jun 2019 20:09

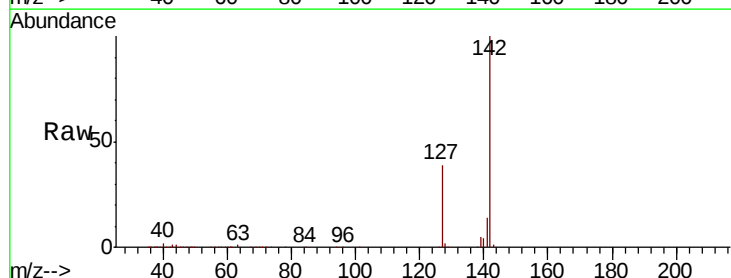
Tgt Ion:142 Resp: 111258

Ion Ratio Lower Upper

142 100

127 39.8 33.0 49.4

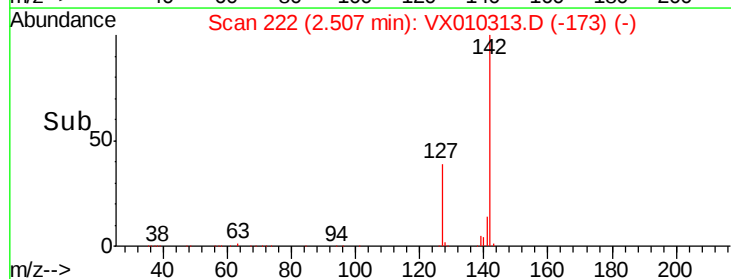
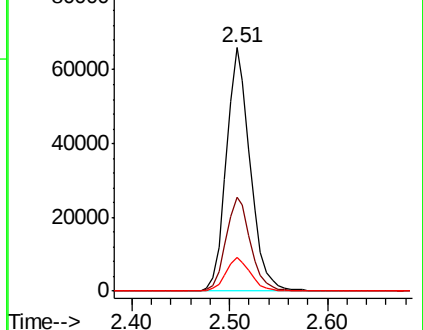
141 14.3 11.4 17.0

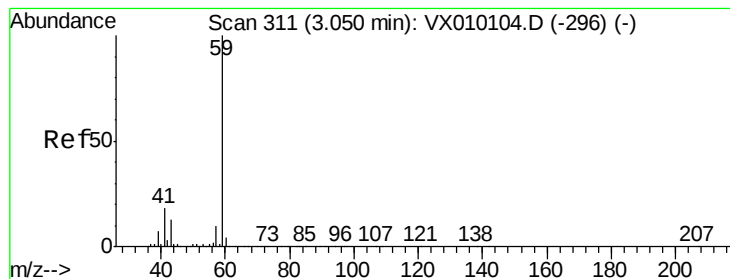


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 241.869 ug/l

RT: 3.05 min Scan# 311

Delta R.T. -0.00 min

Lab File: VX010313.D

Acq: 14 Jun 2019 20:09

Instrument :

MSVOA_X

ClientSampleId :

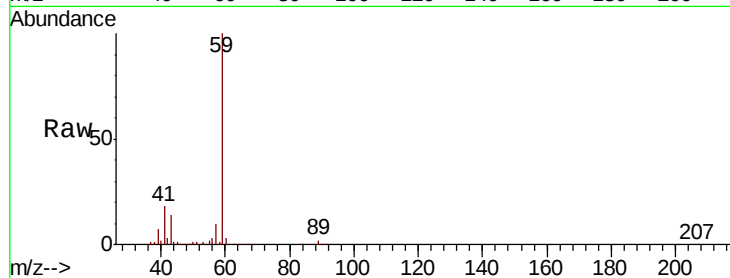
VSTDCCC050EC

Tot Ion: 59 Resp: 164167

Ion Ratio Lower Upper

59 100

57 9.8 8.2 12.2



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.05

80000

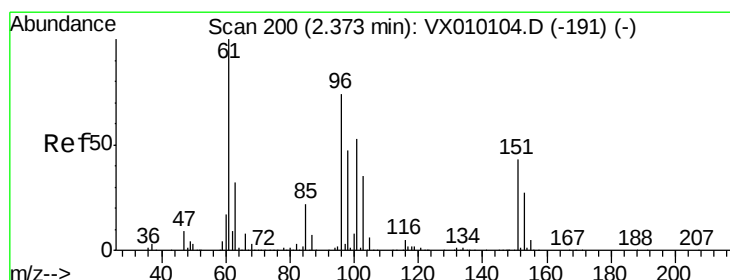
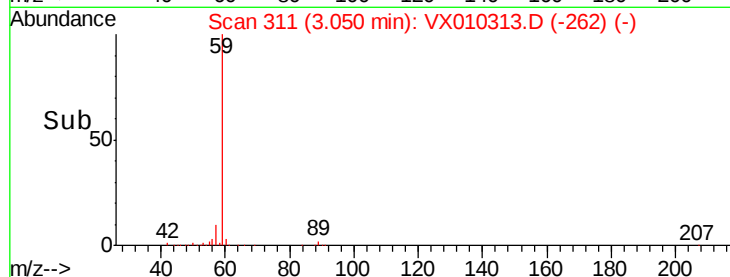
60000

40000

20000

0

Time--> 2.90 3.00 3.10



#12

1,1-Dichloroethene

Concen: 46.973 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.00 min

Lab File: VX010313.D

Acq: 14 Jun 2019 20:09

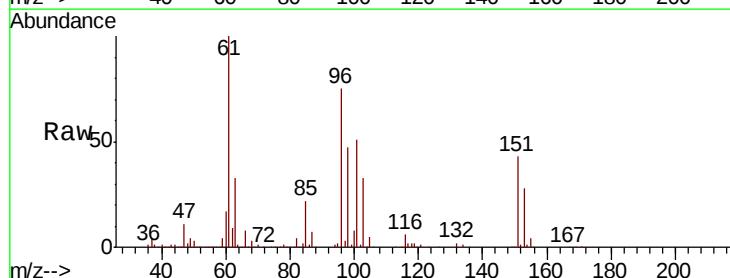
Tgt Ion: 96 Resp: 119761

Ion Ratio Lower Upper

96 100

61 133.0 140.7 211.1#

98 62.2 50.1 75.1



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

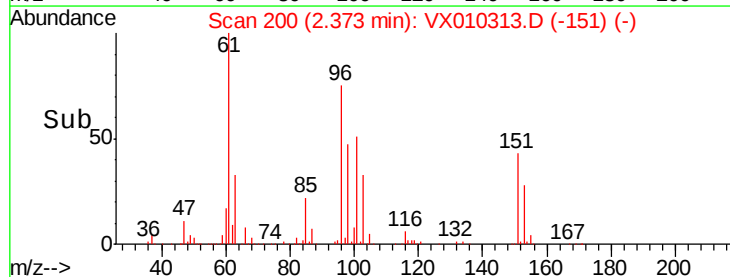
Ion 97.90 (97.60 to 98.60): VX0

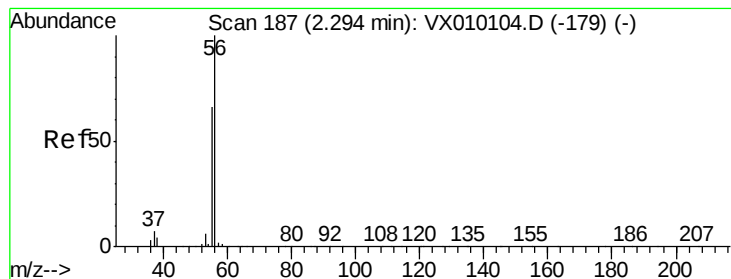
100000

50000

0

Time--> 2.30 2.35 2.40 2.45 2.50





#13

Acrolein

Concen: 218.313 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX010313.D

Acq: 14 Jun 2019 20:09

Instrument :

MSVOA_X

ClientSampleId :

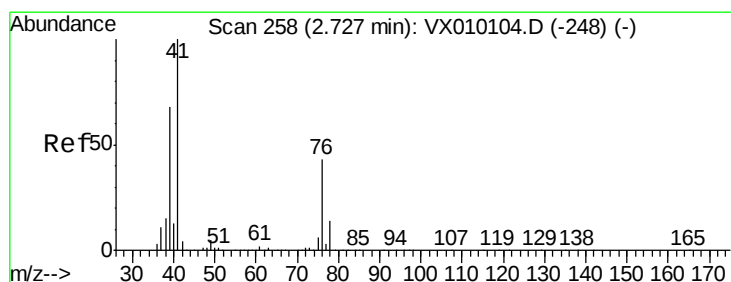
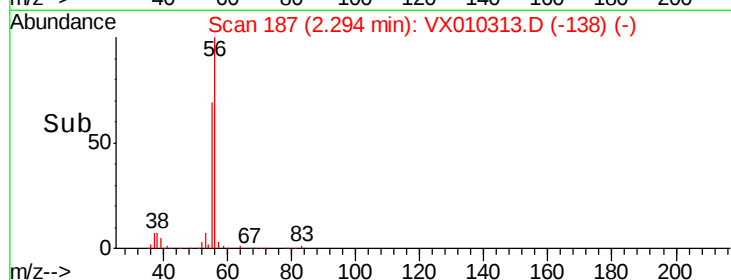
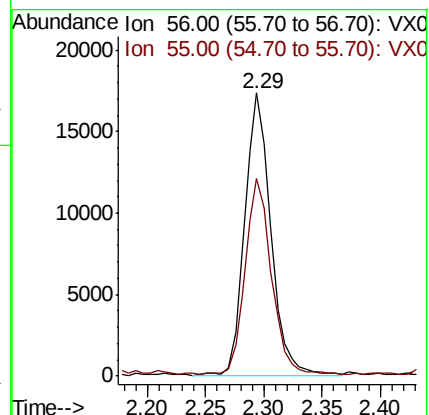
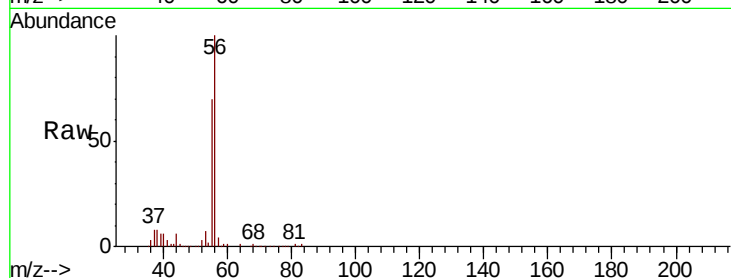
VSTDCCC050EC

Tot Ion: 56 Resp: 27019

Ion Ratio Lower Upper

56 100

55 70.4 57.0 85.4



#14

Allyl chloride

Concen: 46.262 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX010313.D

Acq: 14 Jun 2019 20:09

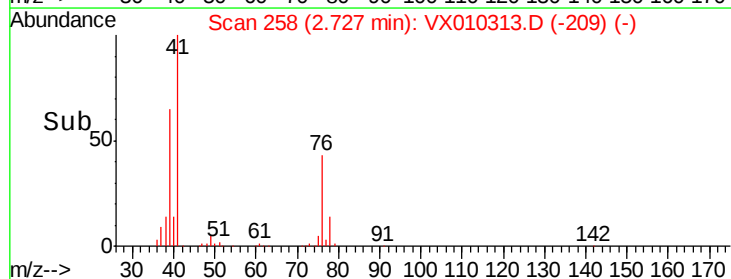
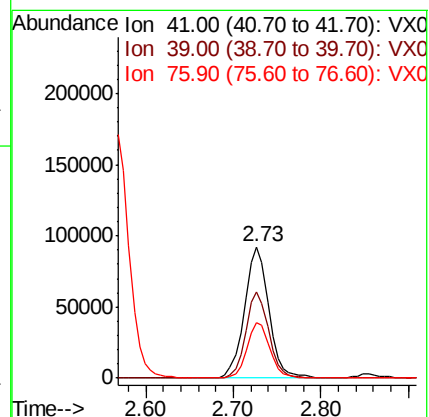
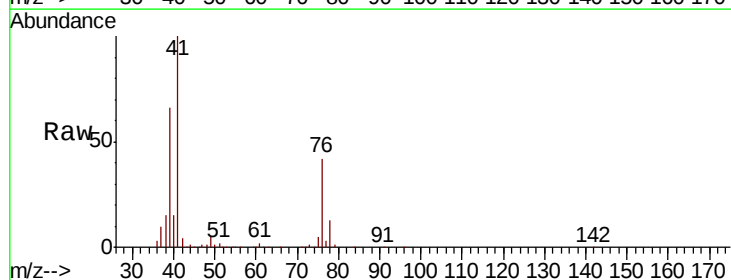
Tgt Ion: 41 Resp: 178043

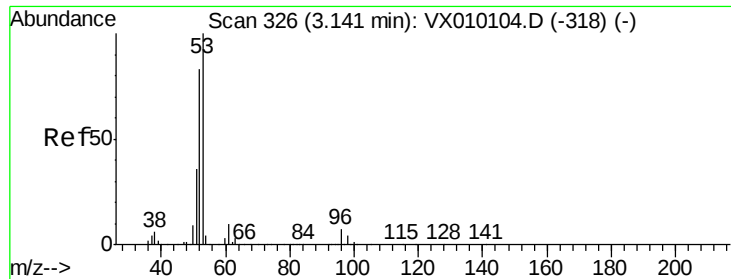
Ion Ratio Lower Upper

41 100

39 61.7 46.7 70.1

76 39.5 21.0 31.4#





#15

Acrylonitrile

Concen: 254.198 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX010313.D

Acq: 14 Jun 2019 20:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

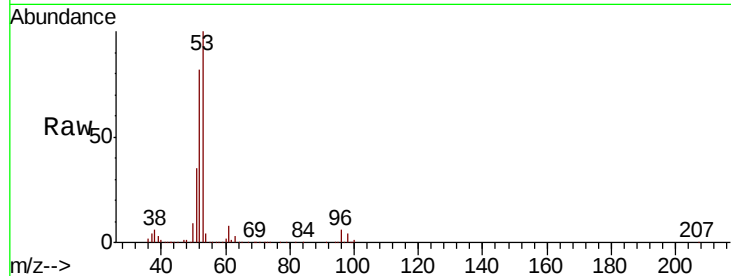
Tot Ion: 53 Resp: 352659

Ion Ratio Lower Upper

53 100

52 81.4 66.7 100.1

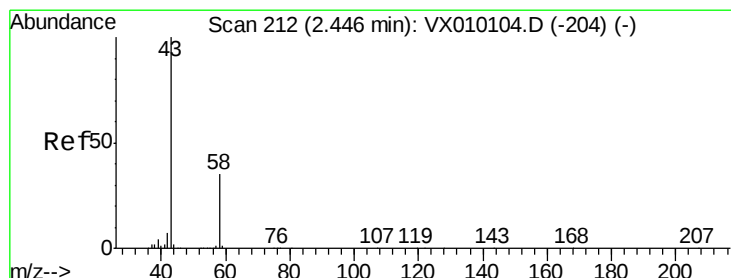
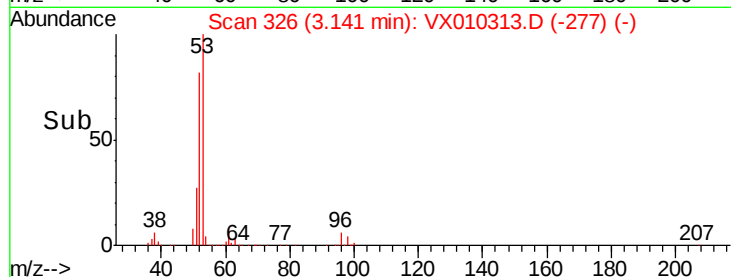
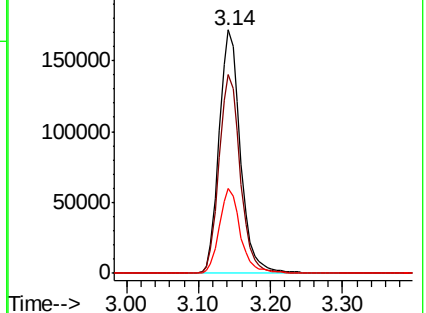
51 34.7 28.8 43.2



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: 225.488 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX010313.D

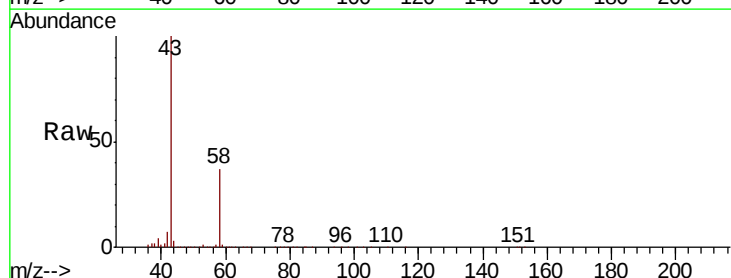
Acq: 14 Jun 2019 20:09

Tgt Ion: 43 Resp: 293850

Ion Ratio Lower Upper

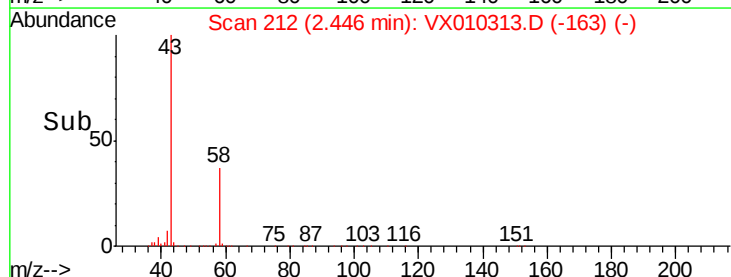
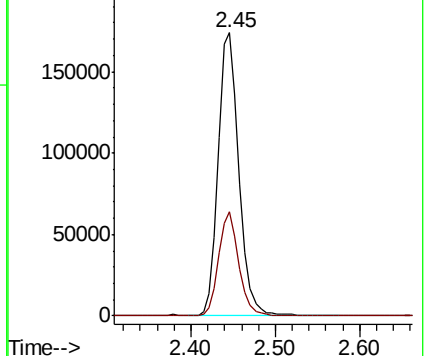
43 100

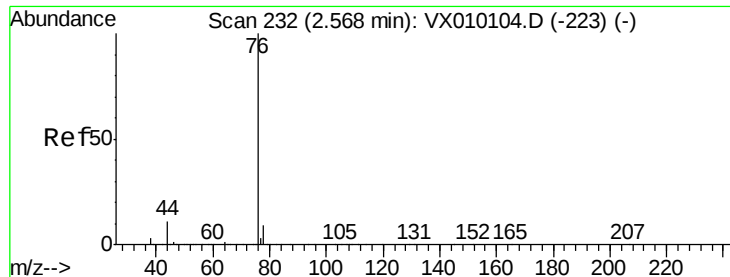
58 36.9 23.2 34.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

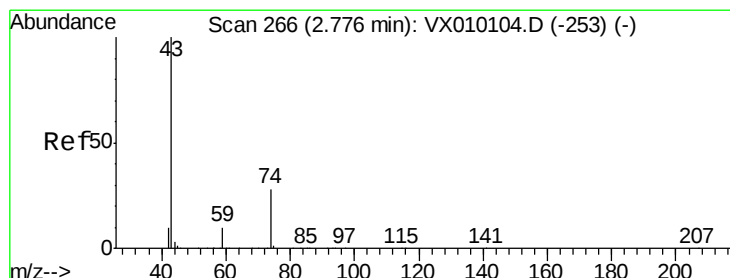
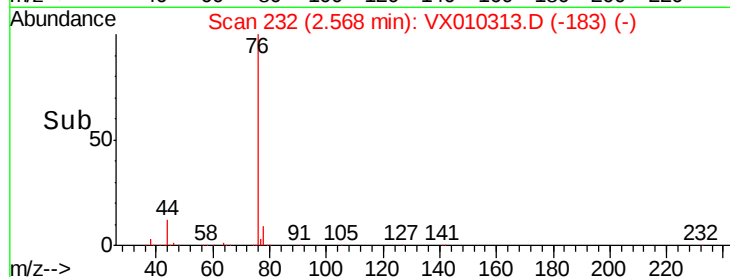
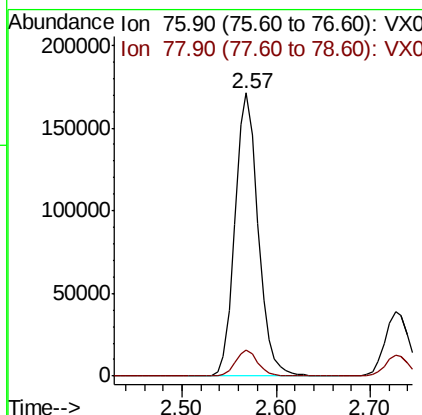
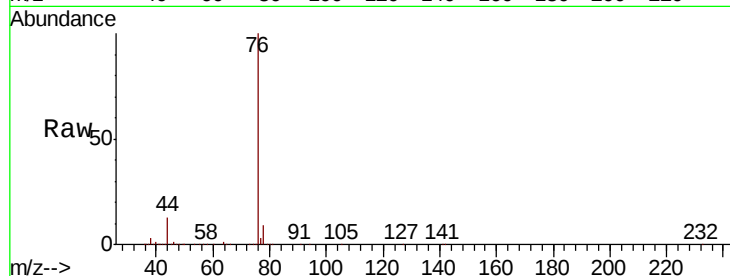




#17
Carbon Disulfide
Concen: 39.824 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX010313.D
Acq: 14 Jun 2019 20:09

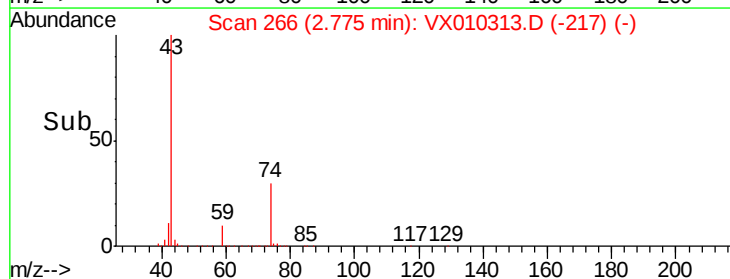
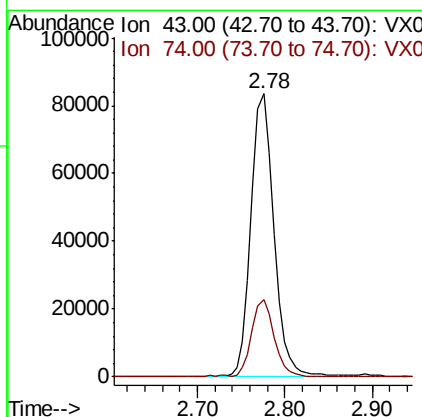
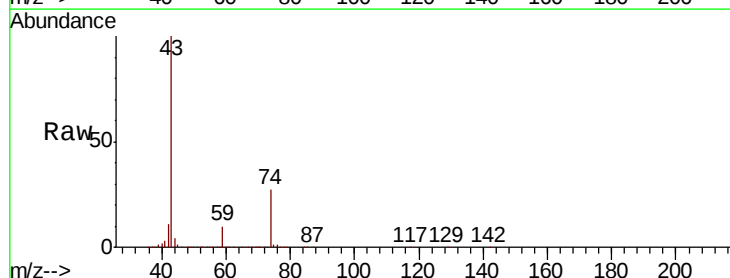
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

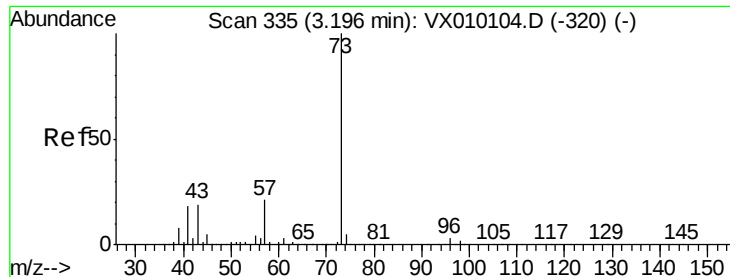
Tot Ion: 76 Resp: 293379
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.6



#18
Methyl Acetate
Concen: 53.195 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX010313.D
Acq: 14 Jun 2019 20:09

Tgt Ion: 43 Resp: 152455
Ion Ratio Lower Upper
43 100
74 27.4 15.8 23.6#



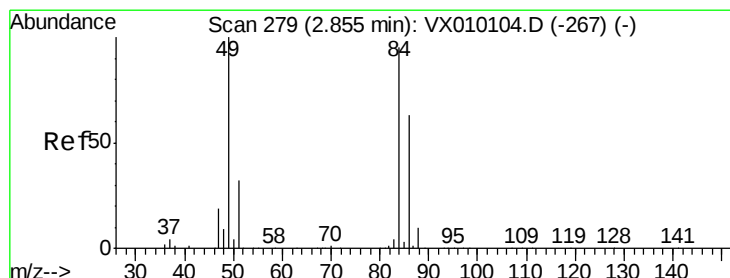
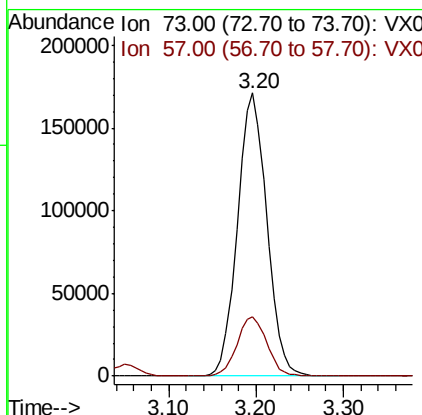
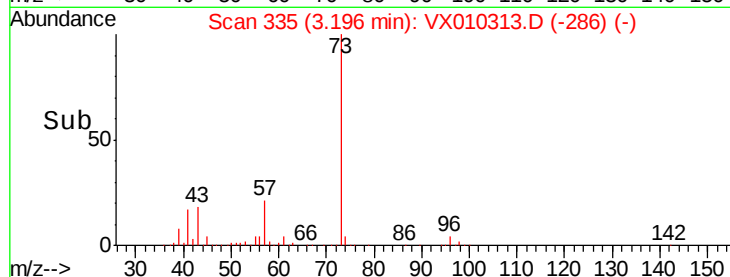
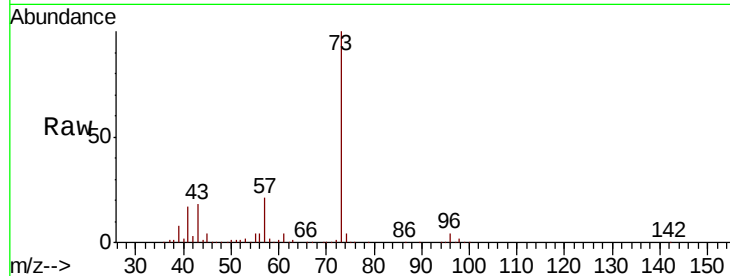


#19

Methyl tert-butyl Ether
Concen: 48.695 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX010313.D
Acq: 14 Jun 2019 20:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

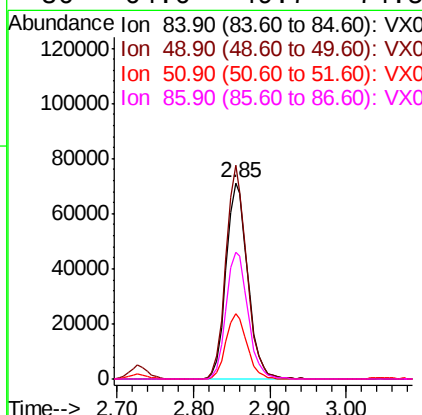
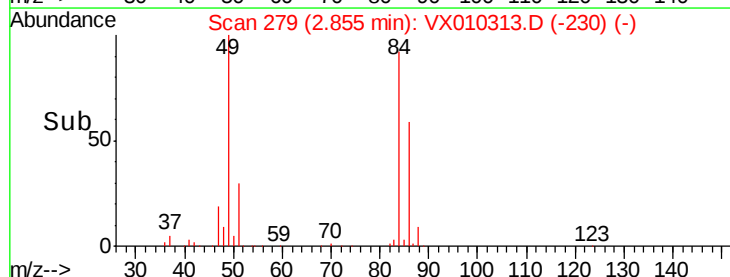
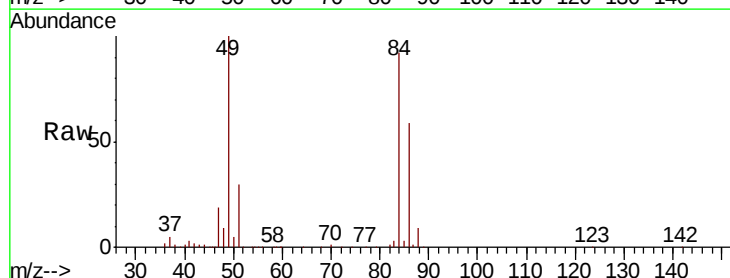
Tot Ion: 73 Resp: 398860
Ion Ratio Lower Upper
73 100
57 21.0 19.4 29.2

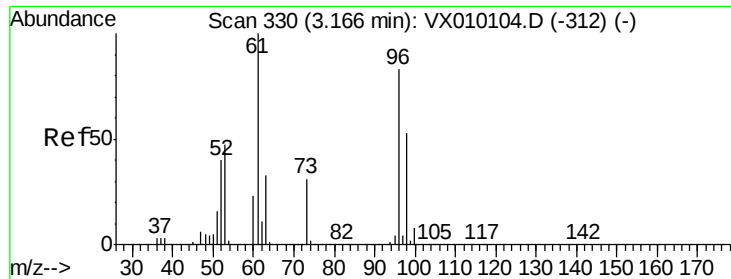


#20

Methylene Chloride
Concen: 48.545 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX010313.D
Acq: 14 Jun 2019 20:09

Tgt Ion: 84 Resp: 138934
Ion Ratio Lower Upper
84 100
49 108.7 115.8 173.6#
51 32.9 34.4 51.6#
86 64.6 49.7 74.5





#21

trans-1,2-Dichloroethene

Concen: 45.403 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX010313.D

Acq: 14 Jun 2019 20:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

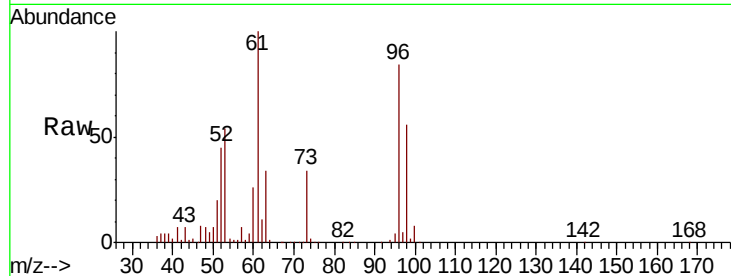
Tot Ion: 96 Resp: 128106

Ion Ratio Lower Upper

96 100

61 118.6 125.7 188.5#

98 66.5 49.0 73.6

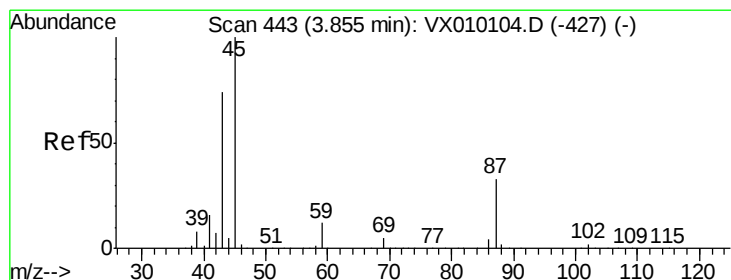
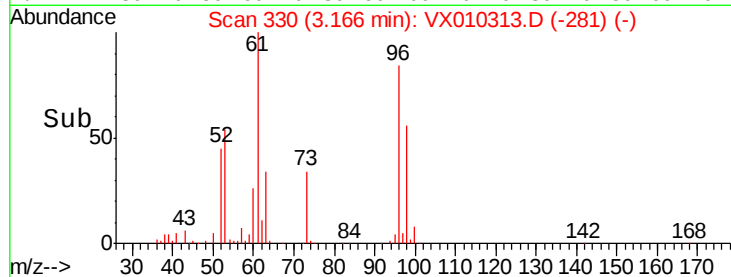
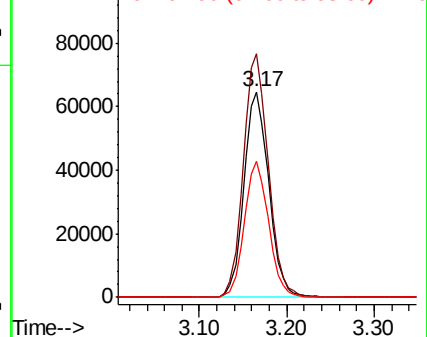


Abundance

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: 50.867 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX010313.D

Acq: 14 Jun 2019 20:09

Tgt Ion: 45 Resp: 374283

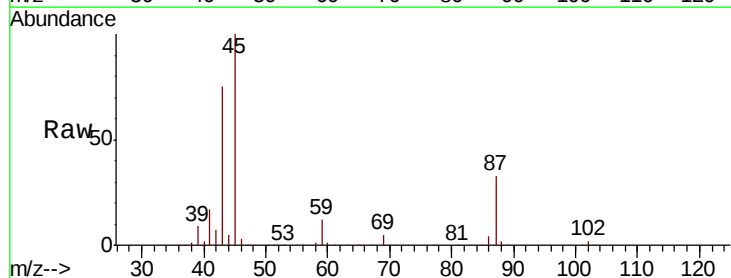
Ion Ratio Lower Upper

45 100

43 75.1 65.0 97.4

87 32.6 17.3 25.9#

59 12.2 8.1 12.1#



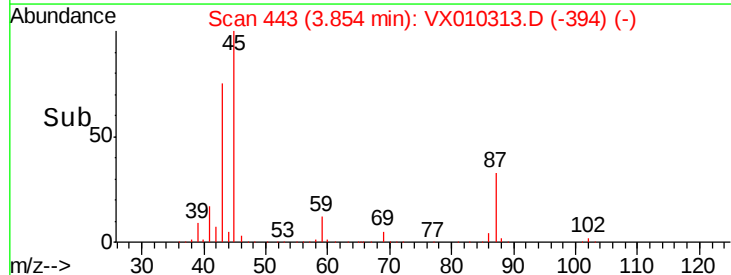
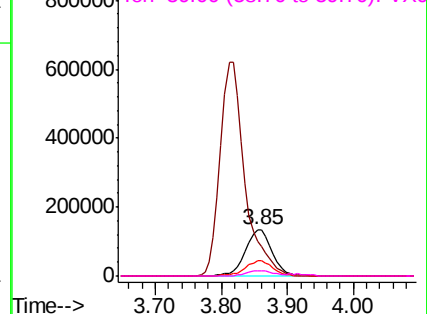
Abundance

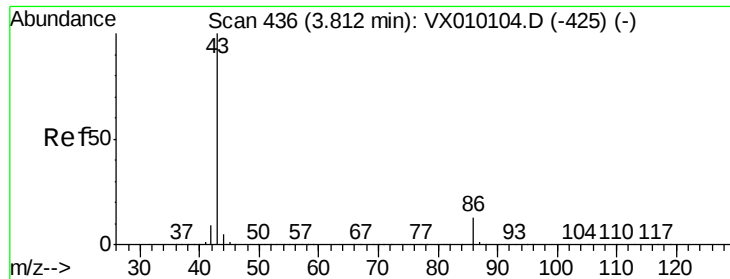
Ion 45.00 (44.70 to 45.70): VX0

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: 247.721 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.00 min

Lab File: VX010313.D

Acq: 14 Jun 2019 20:09

Instrument :

MSVOA_X

ClientSampleId :

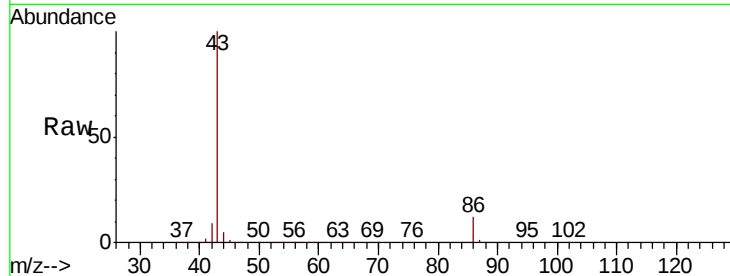
VSTDCCC050EC

Tot Ion: 43 Resp: 1626106

Ion Ratio Lower Upper

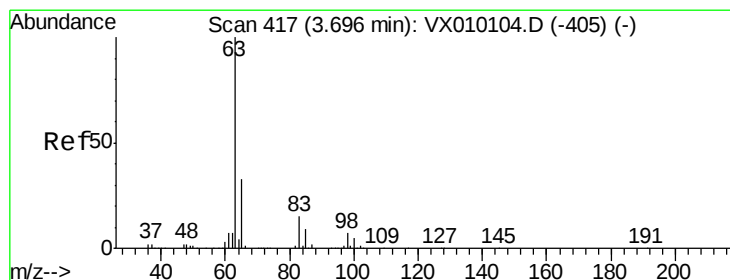
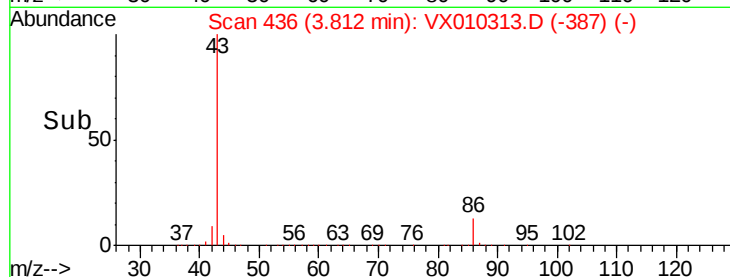
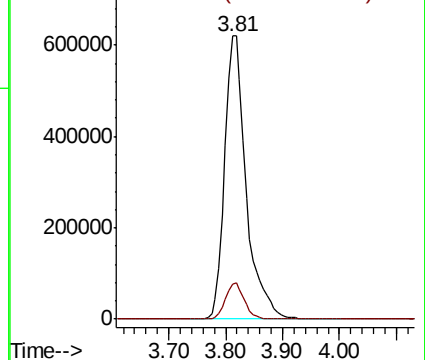
43 100

86 12.5 6.5 9.7#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 48.045 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX010313.D

Acq: 14 Jun 2019 20:09

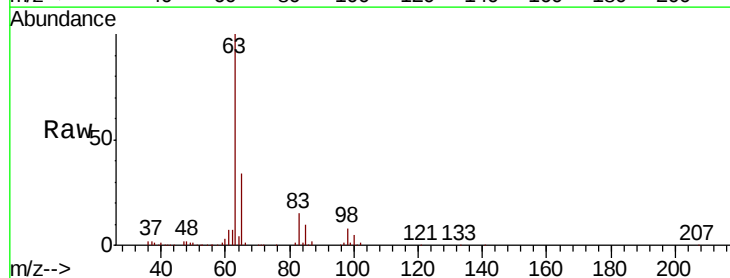
Tgt Ion: 63 Resp: 214643

Ion Ratio Lower Upper

63 100

98 8.1 2.9 8.8

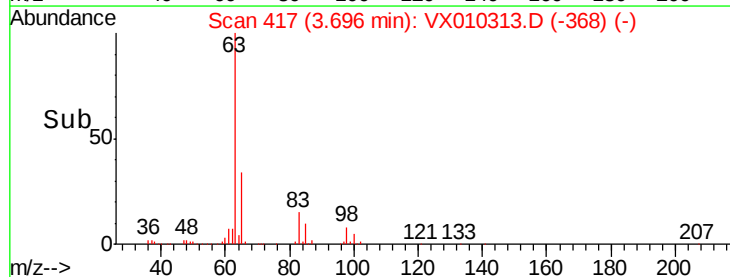
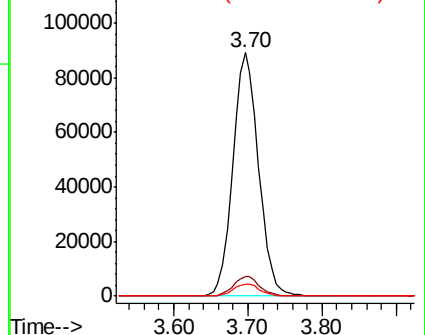
100 5.1 1.8 5.4

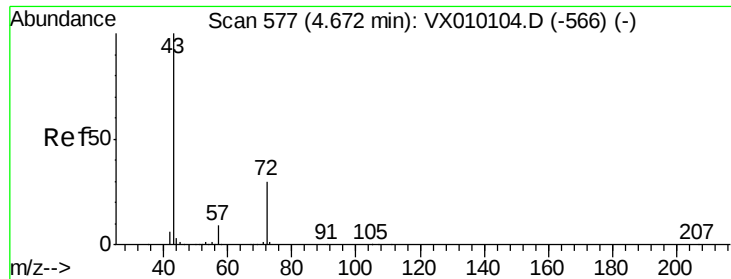


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 247.161 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX010313.D

Acq: 14 Jun 2019 20:09

Instrument :

MSVOA_X

ClientSampleId :

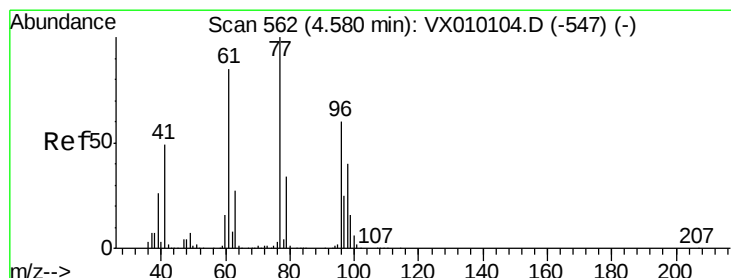
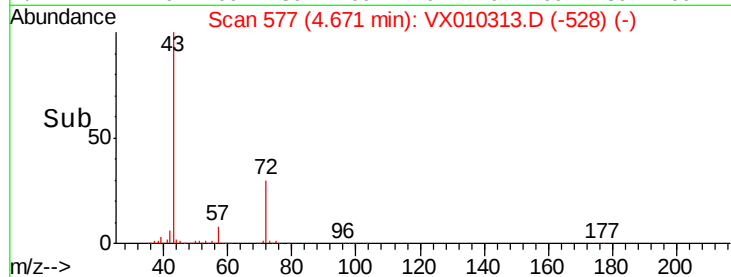
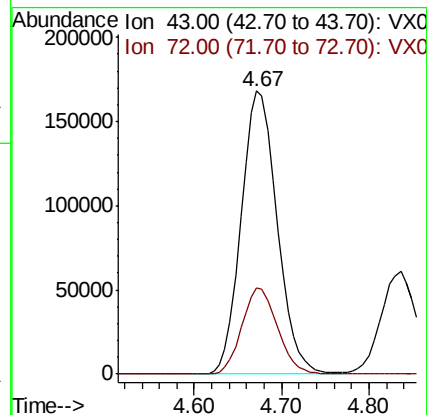
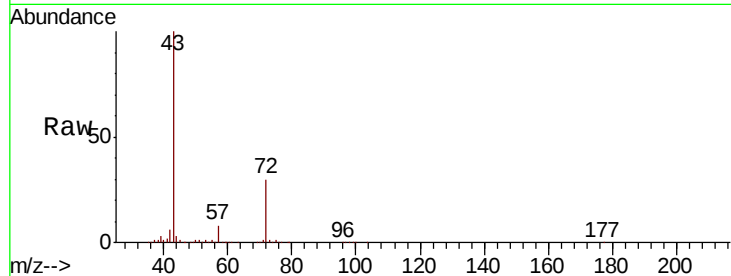
VSTDCCC050EC

Tot Ion: 43 Resp: 479627

Ion Ratio Lower Upper

43 100

72 30.2 17.5 26.3#



#26

2,2-Dichloropropane

Concen: 41.607 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX010313.D

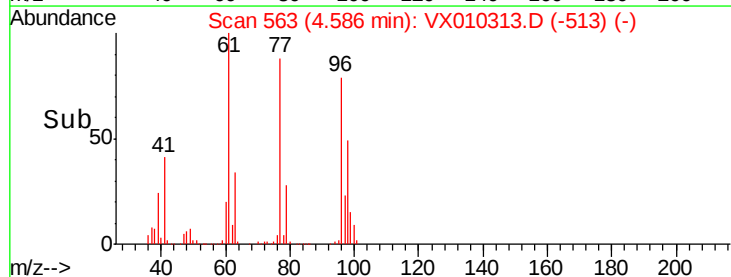
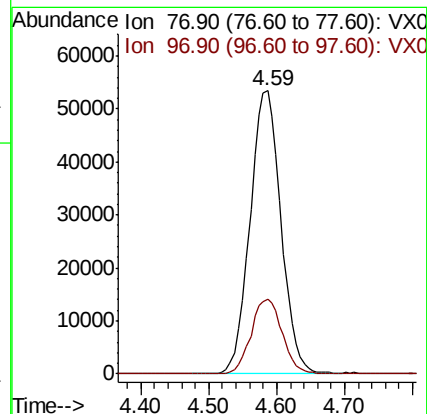
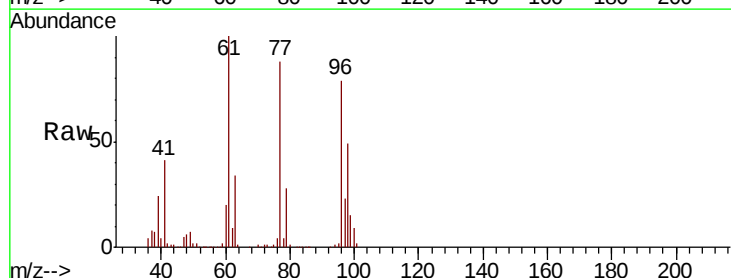
Acq: 14 Jun 2019 20:09

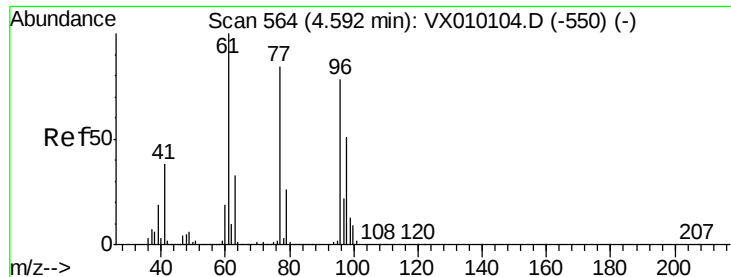
Tgt Ion: 77 Resp: 169579

Ion Ratio Lower Upper

77 100

97 26.6 11.4 34.2



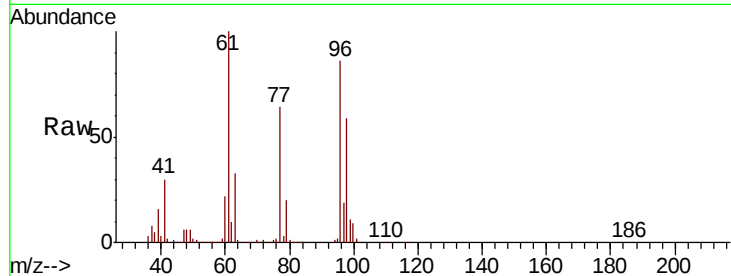


#27

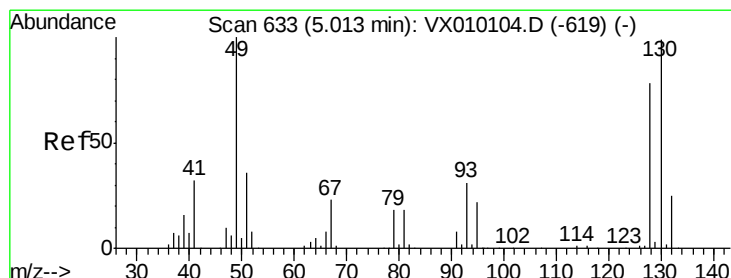
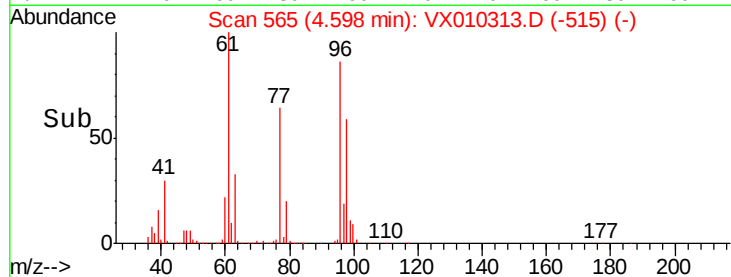
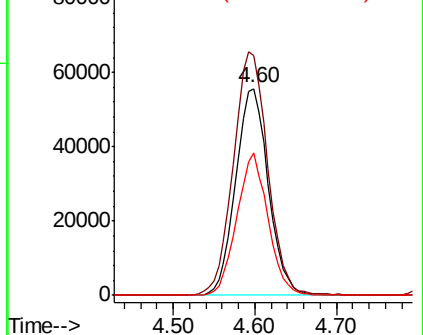
cis-1,2-Dichloroethene
Concen: 49.292 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX010313.D
Acq: 14 Jun 2019 20:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 96 Resp: 154722
Ion Ratio Lower Upper
96 100
61 123.1 0.0 334.0
98 65.7 0.0 131.6



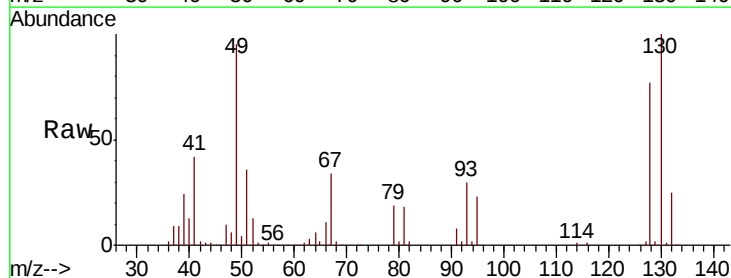
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



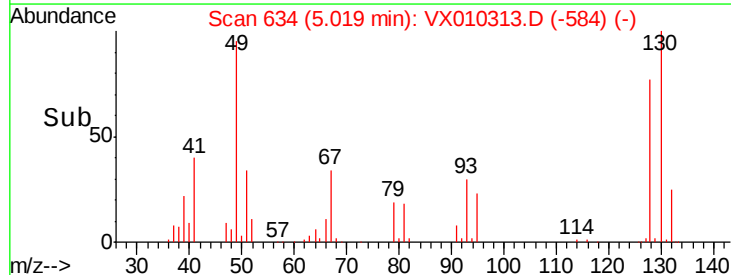
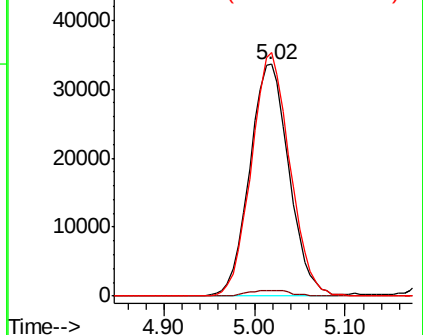
#28

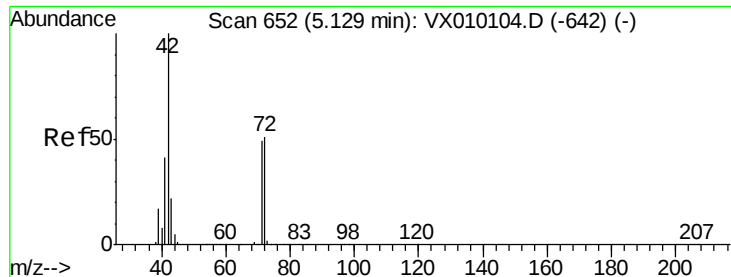
Bromochloromethane
Concen: 50.532 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.01 min
Lab File: VX010313.D
Acq: 14 Jun 2019 20:09

Tgt Ion: 49 Resp: 101177
Ion Ratio Lower Upper
49 100
129 2.7 0.0 3.4
130 102.7 49.4 74.2#



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 249.111 ug/l

RT: 5.13 min Scan# 652

Delta R.T. -0.00 min

Lab File: VX010313.D

Acq: 14 Jun 2019 20:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

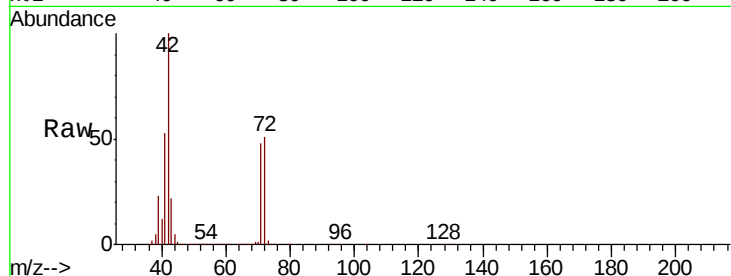
Tot Ion: 42 Resp: 303802

Ion Ratio Lower Upper

42 100

72 52.1 29.2 43.8#

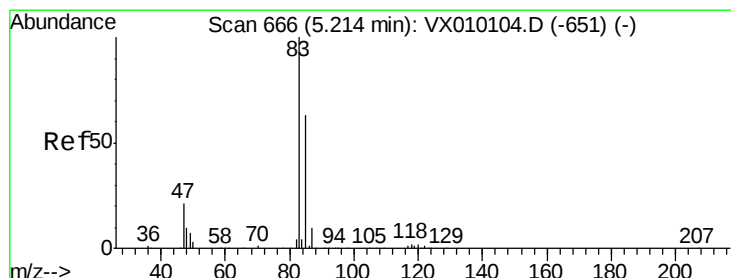
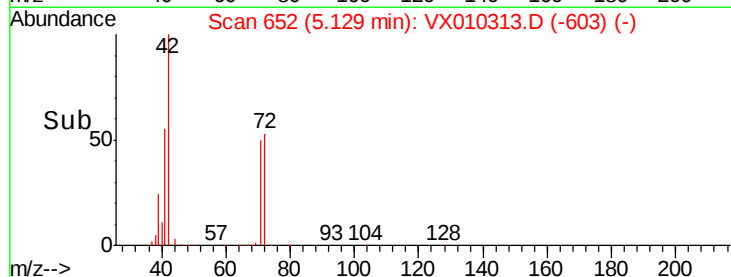
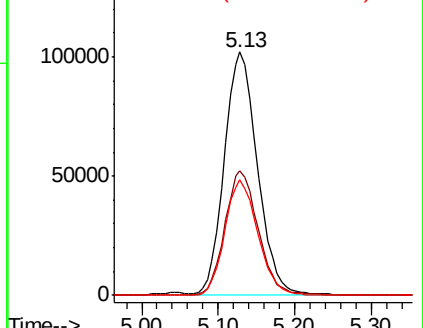
71 47.7 27.6 41.4#



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: 50.002 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX010313.D

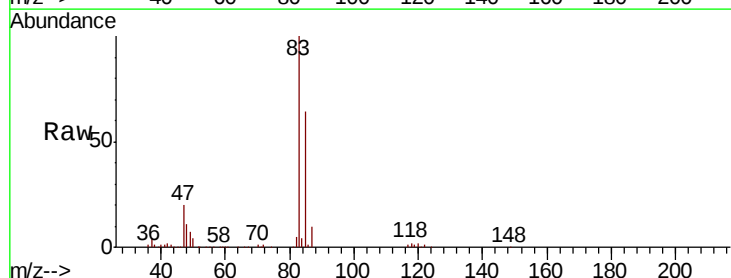
Acq: 14 Jun 2019 20:09

Tgt Ion: 83 Resp: 231998

Ion Ratio Lower Upper

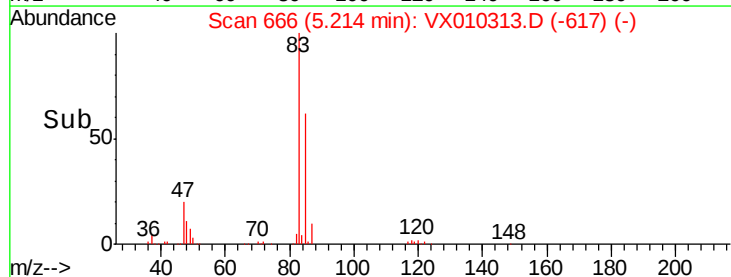
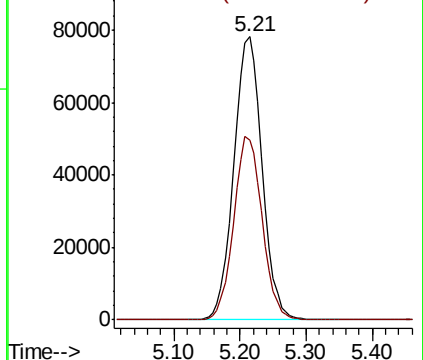
83 100

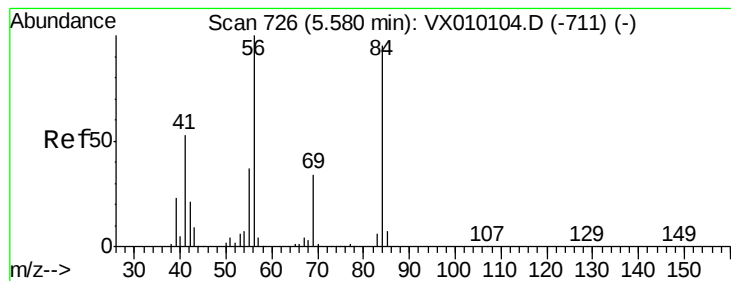
85 63.7 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 47.467 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX010313.D

Acq: 14 Jun 2019 20:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

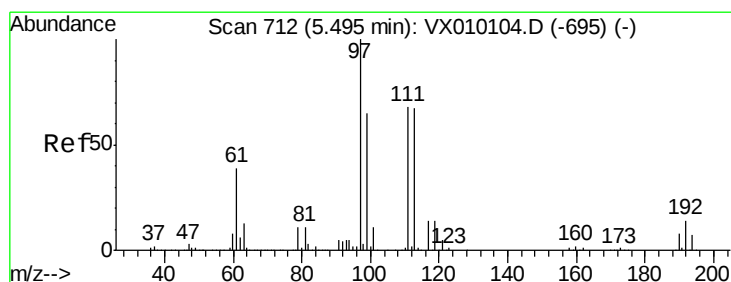
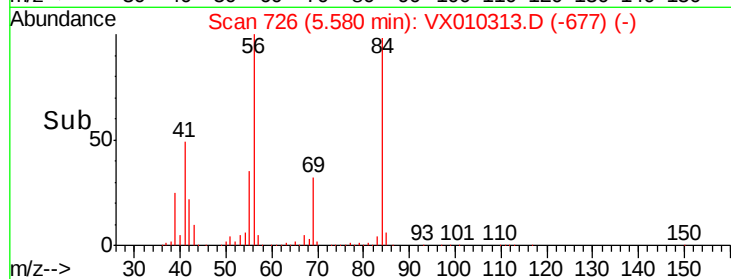
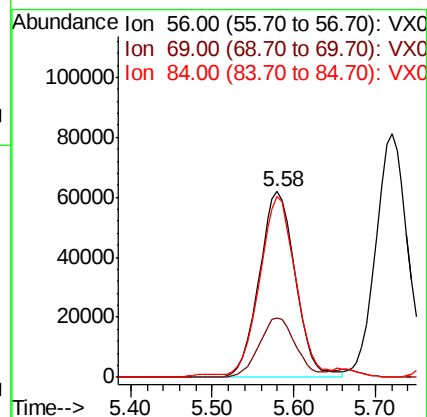
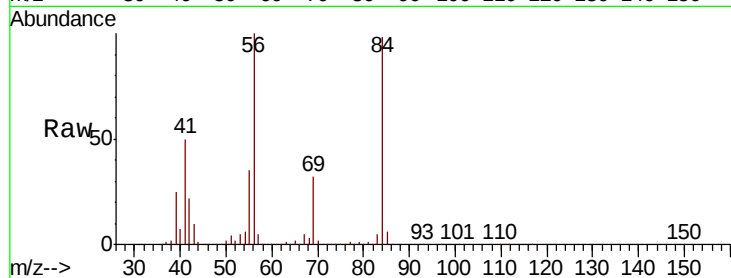
Tot Ion: 56 Resp: 191386

Ion Ratio Lower Upper

56 100

69 31.8 21.6 32.4

84 96.7 56.8 85.2#



#32

1,1,1-Trichloroethane

Concen: 47.123 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX010313.D

Acq: 14 Jun 2019 20:09

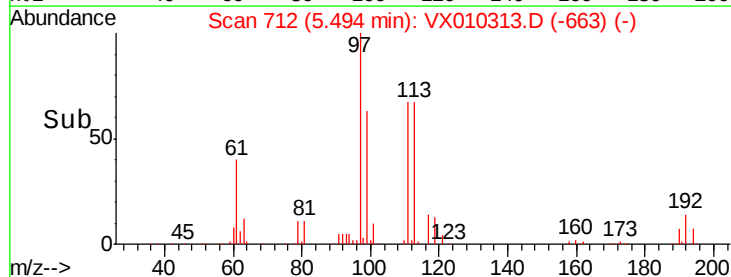
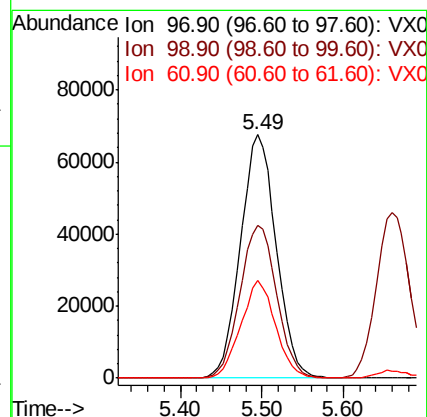
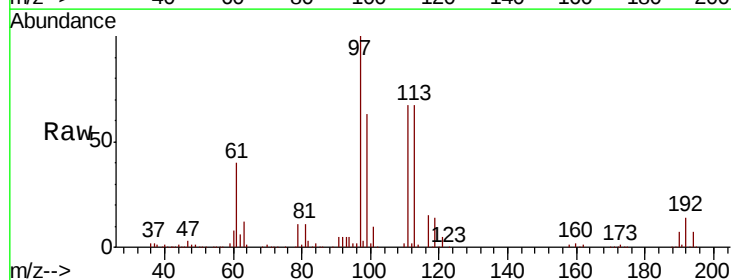
Tgt Ion: 97 Resp: 205543

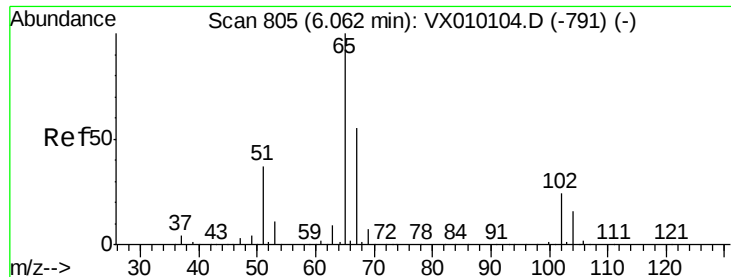
Ion Ratio Lower Upper

97 100

99 64.5 51.0 76.4

61 39.0 38.7 58.1





#33

1,2-Dichloroethane-d4

Concen: 46.211 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010313.D

Acq: 14 Jun 2019 20:09

Instrument :

MSVOA_X

ClientSampleId :

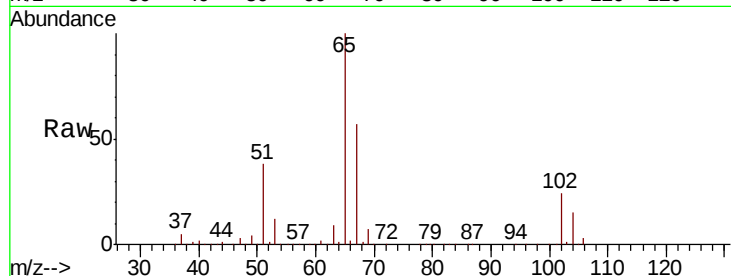
VSTDCCC050EC

Tot Ion: 65 Resp: 128036

Ion Ratio Lower Upper

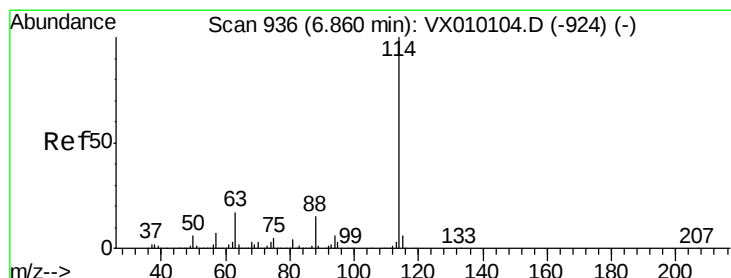
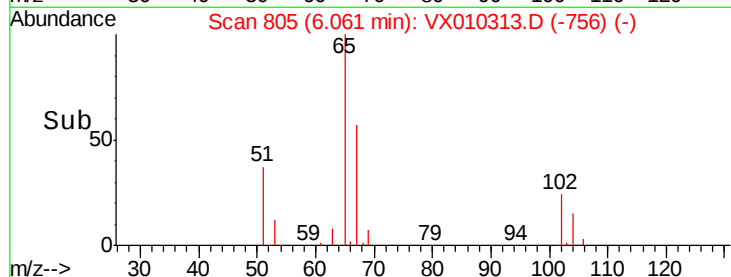
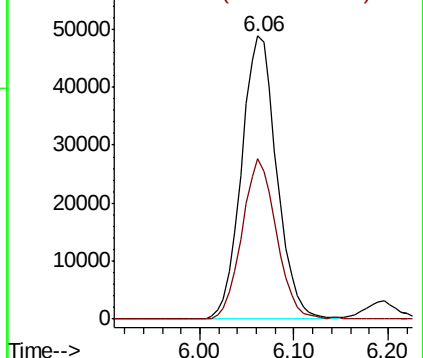
65 100

67 55.3 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX010313.D

Acq: 14 Jun 2019 20:09

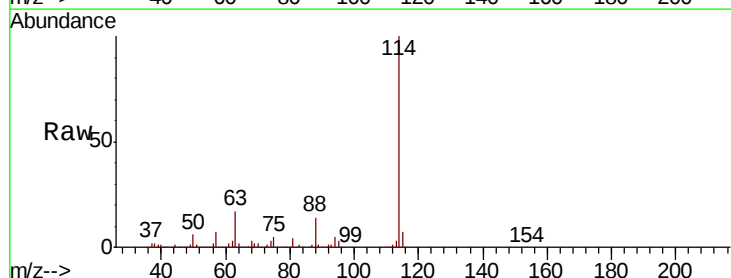
Tgt Ion: 114 Resp: 426245

Ion Ratio Lower Upper

114 100

63 16.5 0.0 47.4

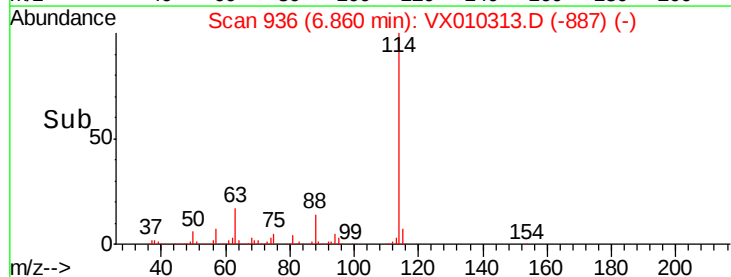
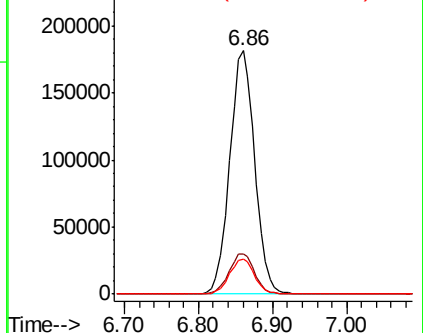
88 14.2 0.0 33.0

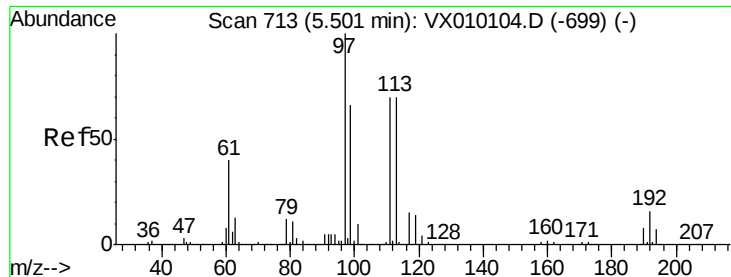


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

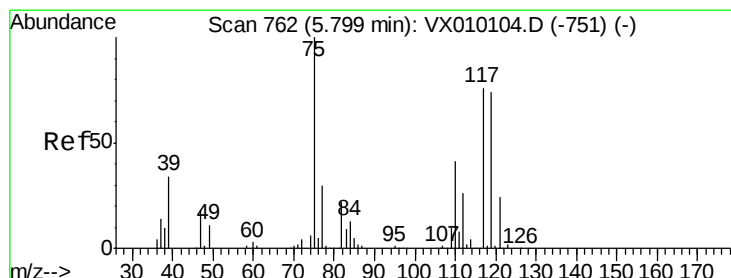
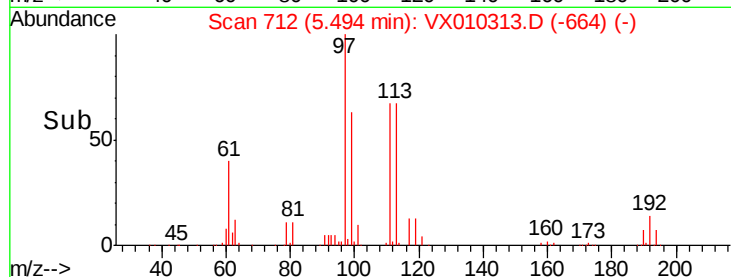
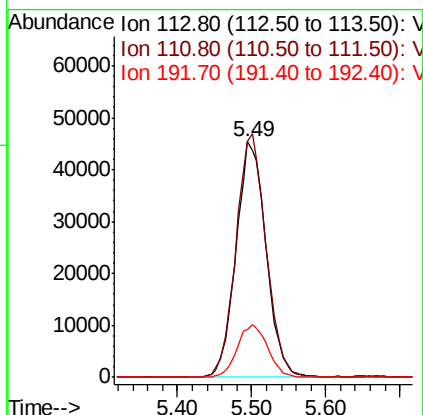
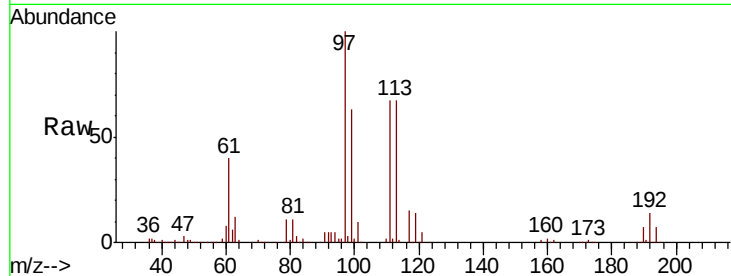




#35
Dibromofluoromethane
Concen: 49.017 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX010313.D
Acq: 14 Jun 2019 20:09

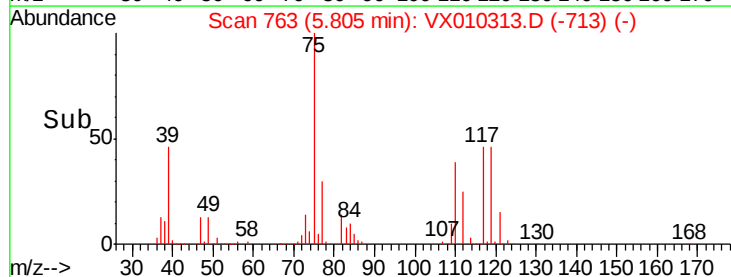
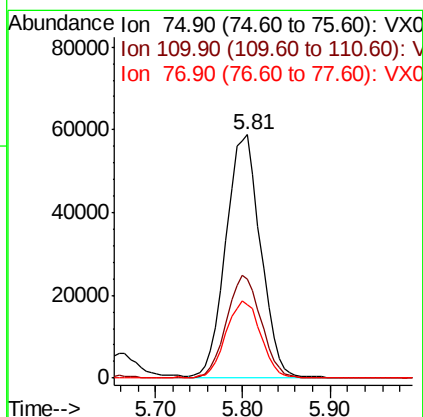
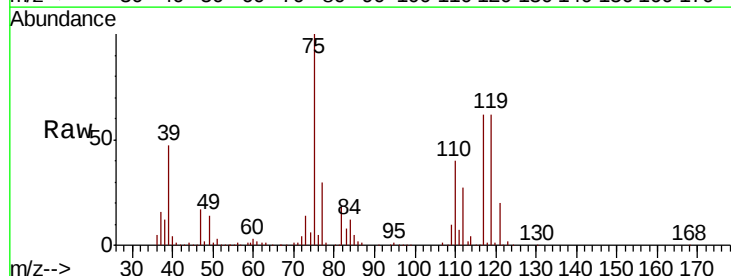
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

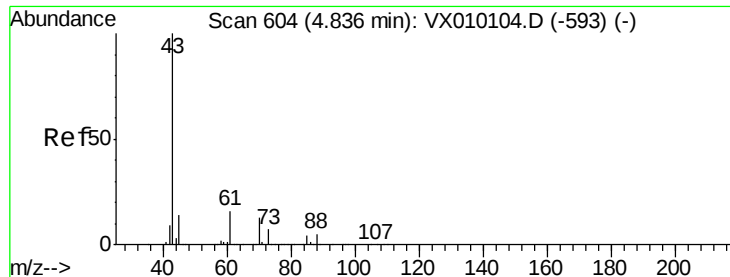
Tot Ion:113 Resp: 128874
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.2
192 22.7 17.1 25.7



#36
1,1-Dichloropropene
Concen: 46.543 ug/l
RT: 5.81 min Scan# 763
Delta R.T. 0.01 min
Lab File: VX010313.D
Acq: 14 Jun 2019 20:09

Tgt Ion: 75 Resp: 161855
Ion Ratio Lower Upper
75 100
110 42.3 16.7 50.1
77 31.9 25.0 37.4





#37

Ethyl Acetate

Concen: 48.922 ug/l

RT: 4.84 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX010313.D

Acq: 14 Jun 2019 20:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

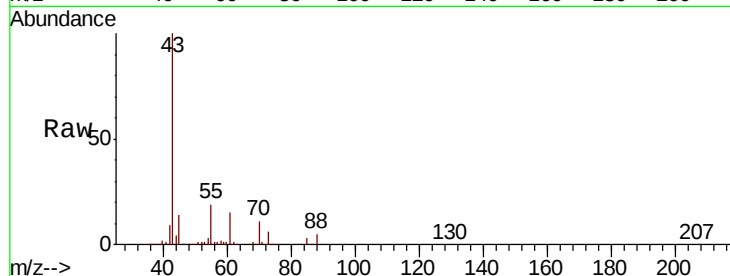
Tot Ion: 43 Resp: 177013

Ion Ratio Lower Upper

43 100

61 15.7 10.2 15.2#

70 12.5 7.4 11.2#

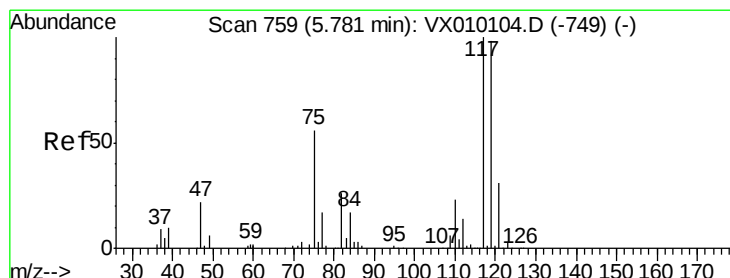
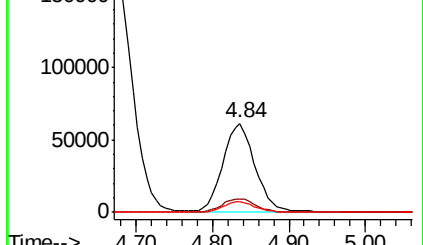
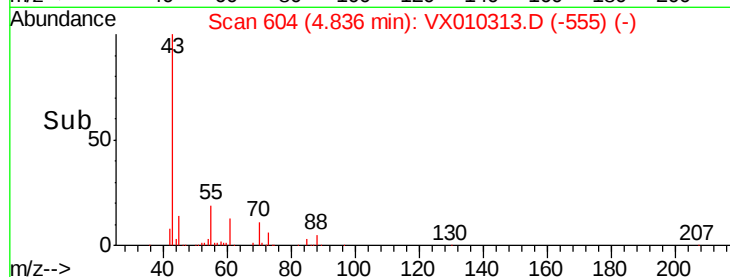


Abundance Ion 43.00 (42.70 to 43.70): VX010104.D (-593) (-)

Ion 60.90 (60.60 to 61.60): VX010104.D (-593) (-)

Ion 70.00 (69.70 to 70.70): VX010104.D (-593) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 47.280 ug/l

RT: 5.79 min Scan# 760

Delta R.T. 0.01 min

Lab File: VX010313.D

Acq: 14 Jun 2019 20:09

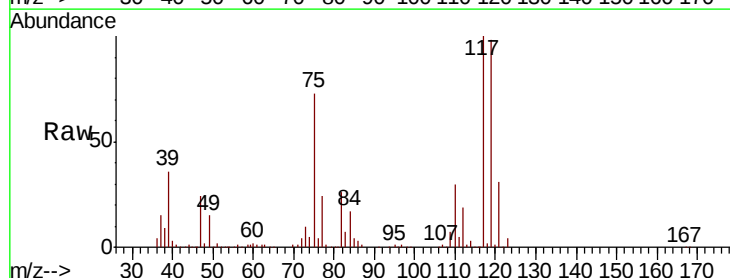
Tgt Ion: 117 Resp: 186101

Ion Ratio Lower Upper

117 100

119 97.9 77.3 115.9

121 30.6 25.4 38.0

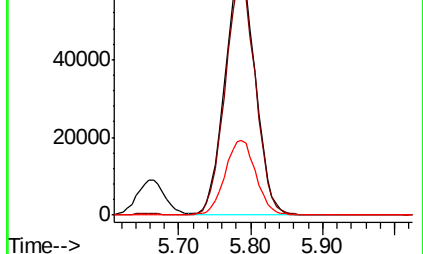
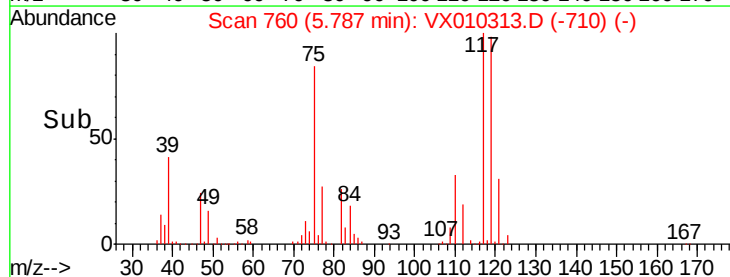


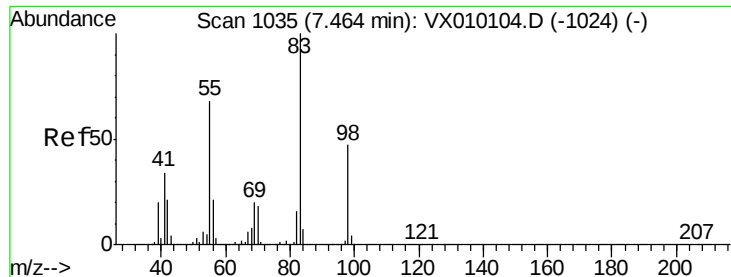
Abundance Ion 116.80 (116.50 to 117.50): VX010104.D (-749) (-)

Ion 118.80 (118.50 to 119.50): VX010104.D (-749) (-)

Ion 120.80 (120.50 to 121.50): VX010104.D (-749) (-)

Time-->

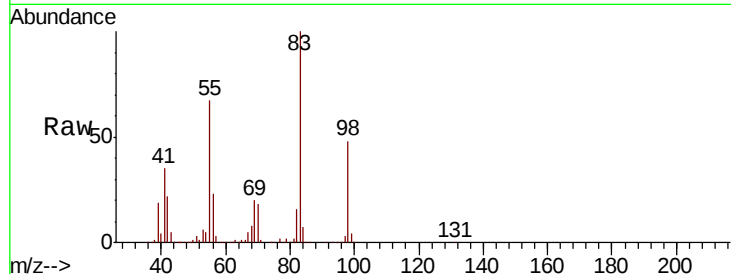




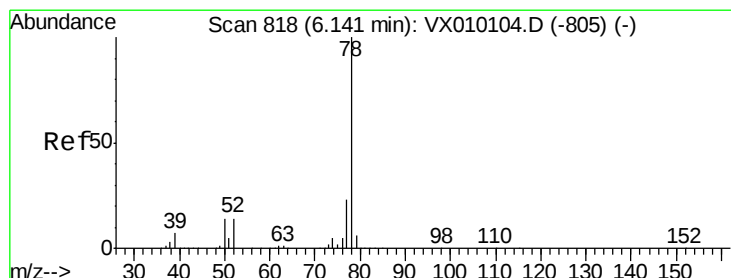
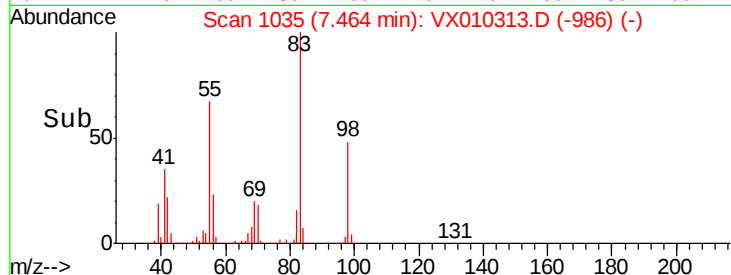
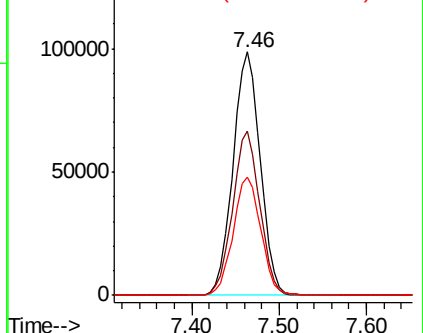
#39
Methvlcvclohexane
Concen: 45.111 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX010313.D
Acq: 14 Jun 2019 20:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	83	Resp:	213613
Ion	Ratio	Lower	Upper
83	100		
55	67.3	69.9	104.9#
98	48.5	35.1	52.7

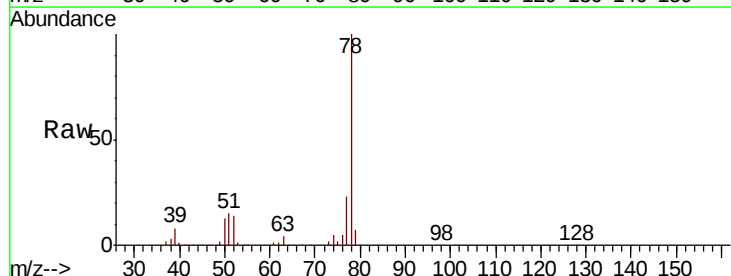


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

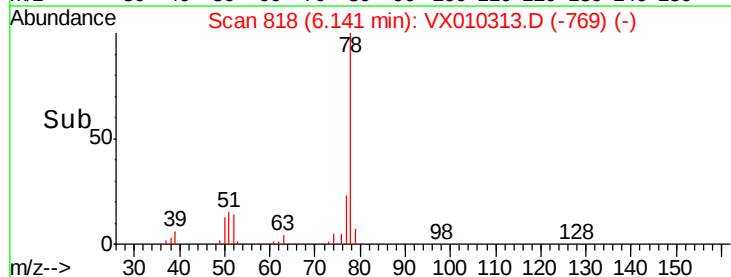
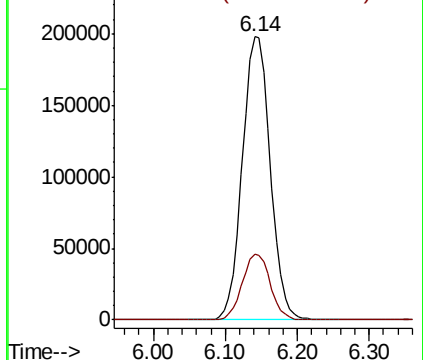


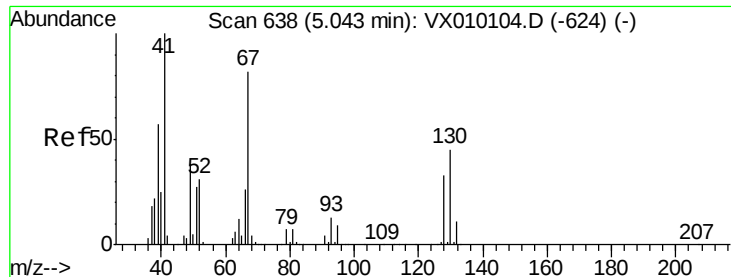
#40
Benzene
Concen: 49.453 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX010313.D
Acq: 14 Jun 2019 20:09

Tgt Ion:	78	Resp:	531770
Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.2	28.8



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

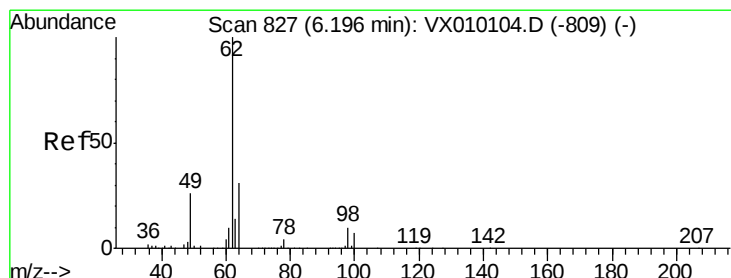
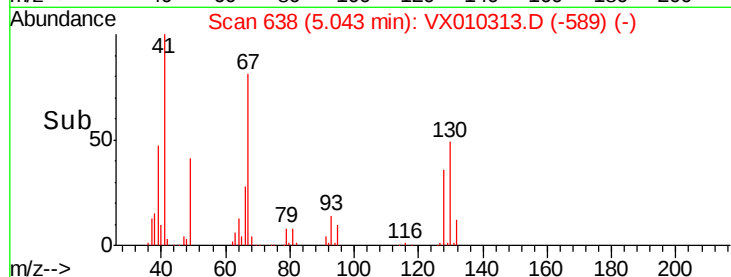
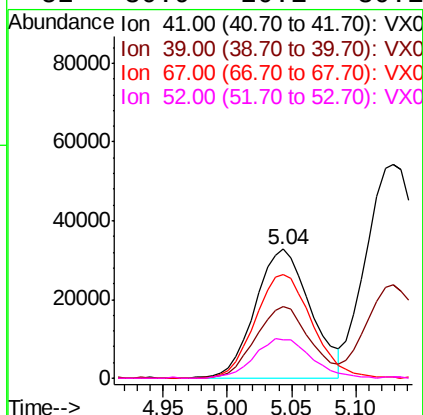
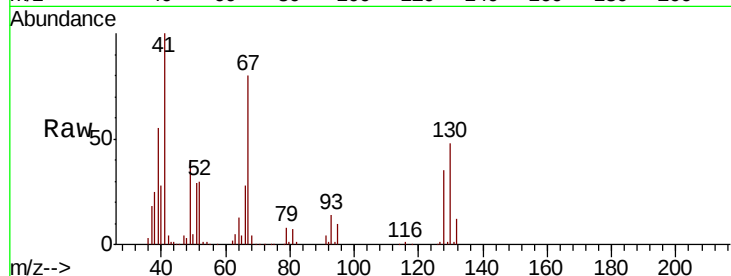




#41
Methacrylonitrile
Concen: 49.674 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX010313.D
Acq: 14 Jun 2019 20:09

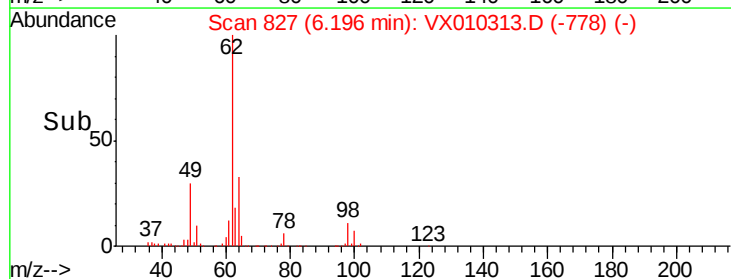
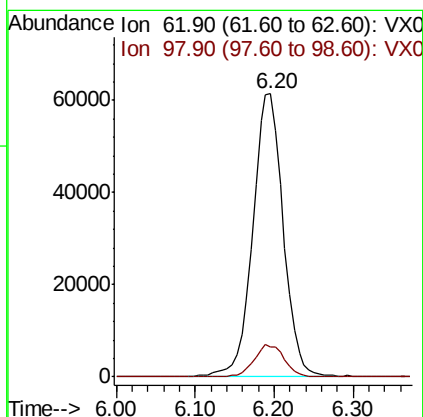
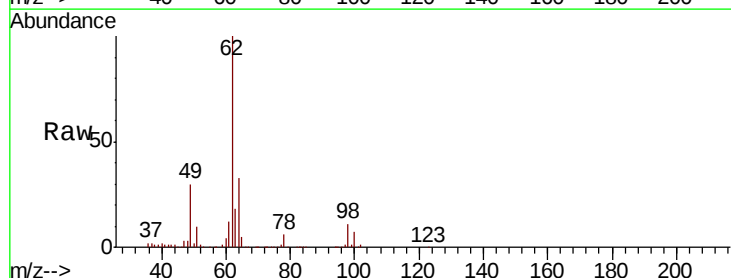
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

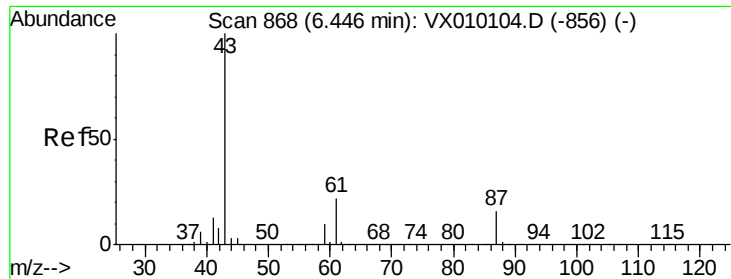
Tot Ion: 41 Resp: 97224
Ion Ratio Lower Upper
41 100
39 54.9 42.2 63.4
67 83.2 48.9 73.3#
52 30.9 20.1 30.1#



#42
1,2-Dichloroethane
Concen: 48.063 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX010313.D
Acq: 14 Jun 2019 20:09

Tgt Ion: 62 Resp: 164996
Ion Ratio Lower Upper
62 100
98 11.2 0.0 17.2





#43

Isopropyl Acetate

Concen: 48.934 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX010313.D

Acq: 14 Jun 2019 20:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

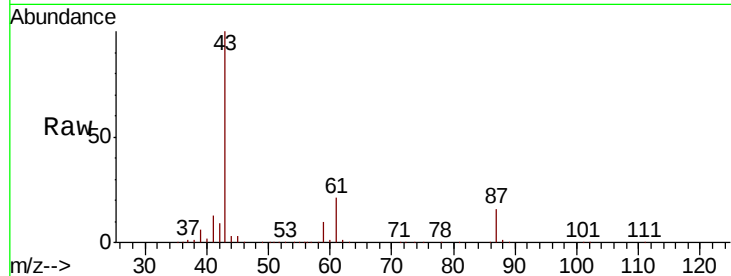
Tot Ion: 43 Resp: 296036

Ion Ratio Lower Upper

43 100

61 22.3 14.6 21.8#

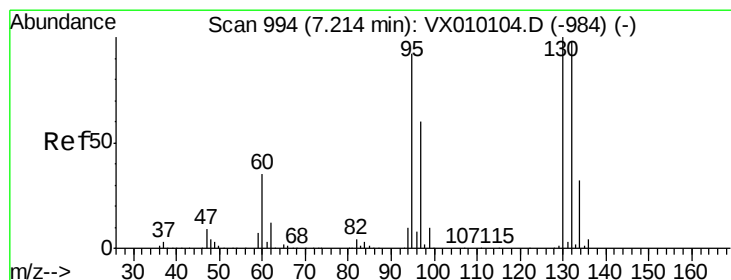
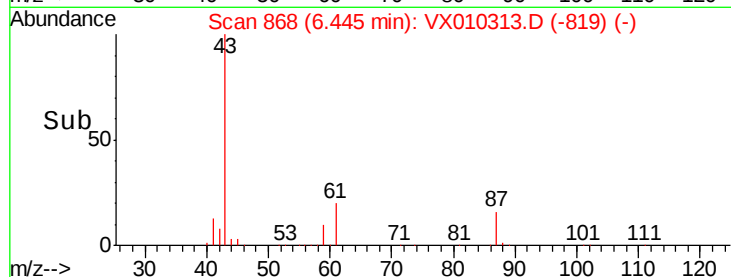
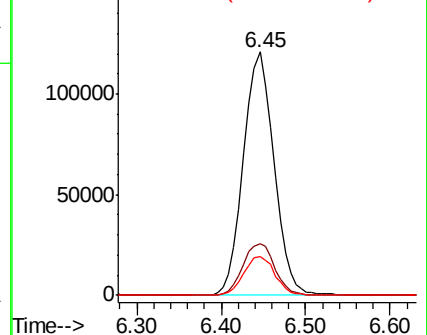
87 16.3 8.7 13.1#



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: 48.719 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX010313.D

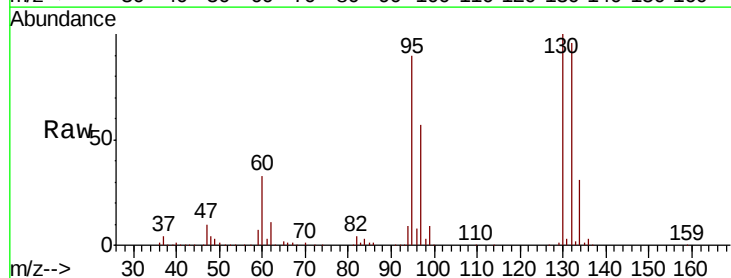
Acq: 14 Jun 2019 20:09

Tgt Ion: 130 Resp: 157912

Ion Ratio Lower Upper

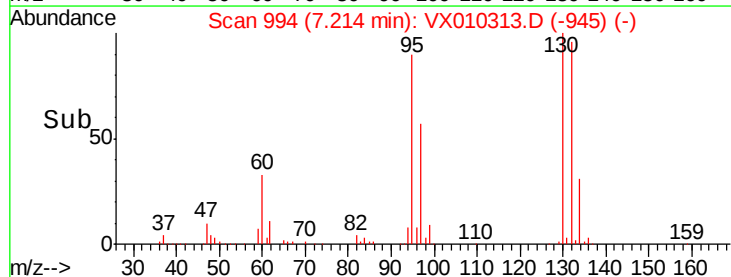
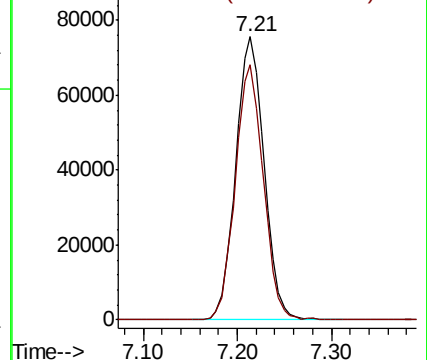
130 100

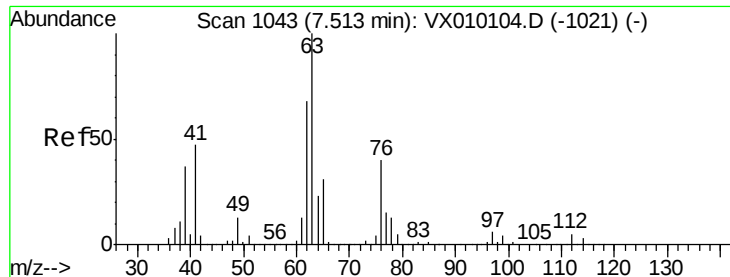
95 90.1 0.0 207.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 50.470 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX010313.D

Acq: 14 Jun 2019 20:09

Instrument :

MSVOA_X

ClientSampleId :

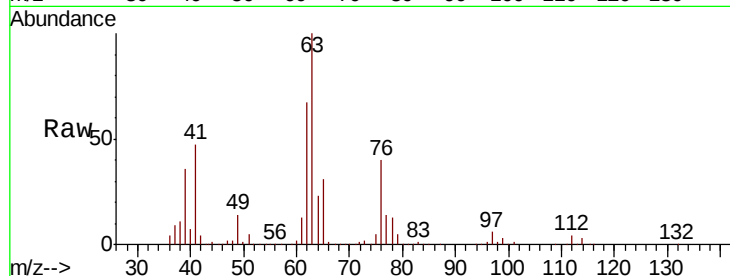
VSTDCCC050EC

Tot Ion: 63 Resp: 135836

Ion Ratio Lower Upper

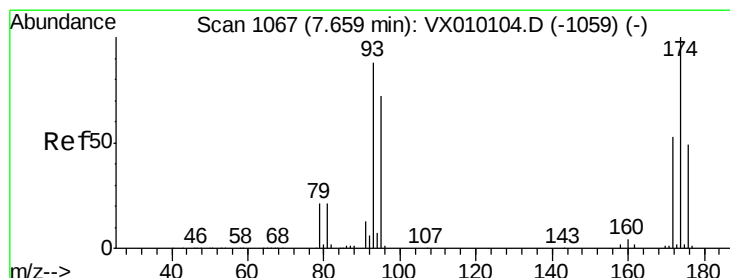
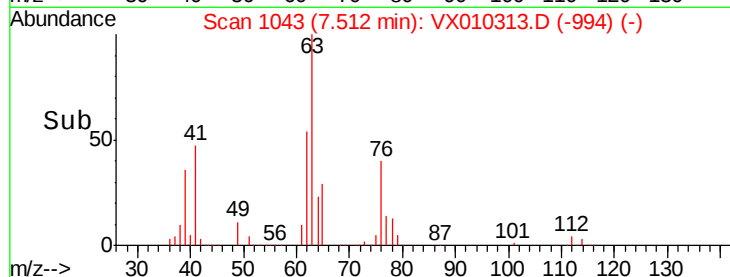
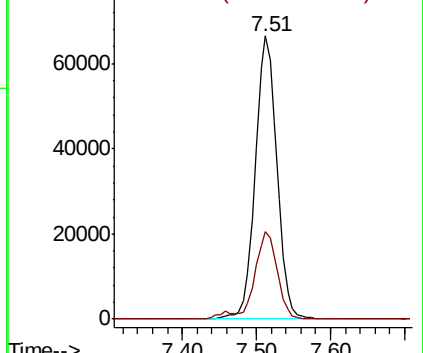
63 100

65 30.8 25.7 38.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 48.291 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX010313.D

Acq: 14 Jun 2019 20:09

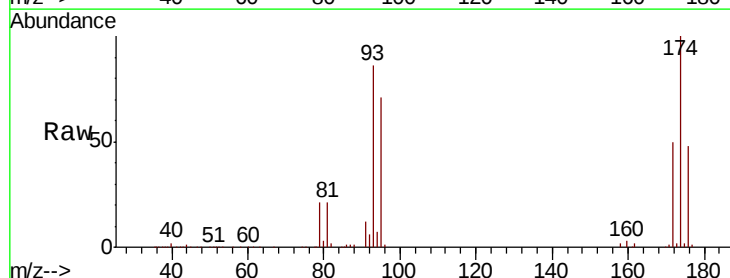
Tgt Ion: 93 Resp: 97372

Ion Ratio Lower Upper

93 100

95 84.6 66.8 100.2

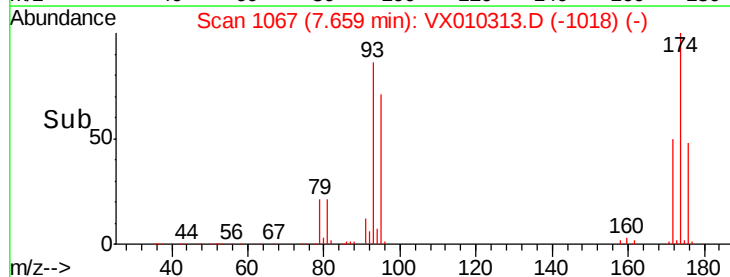
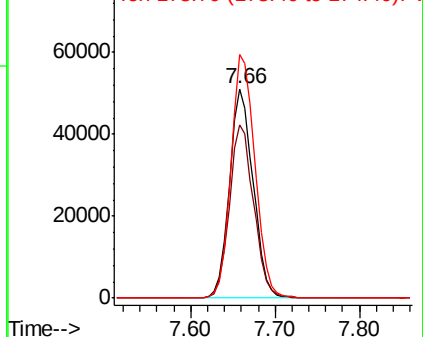
174 117.6 81.9 122.9

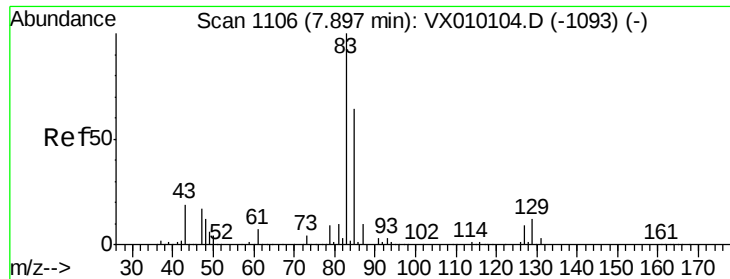


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 48.434 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX010313.D

Acq: 14 Jun 2019 20:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

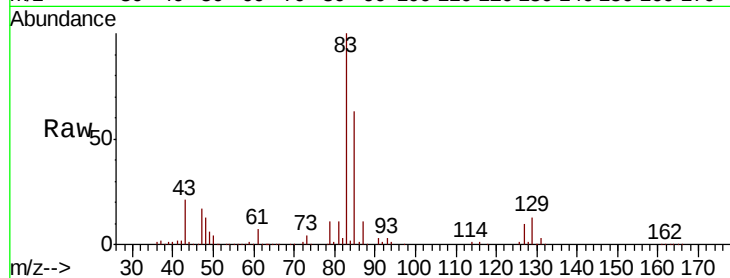
Tot Ion: 83 Resp: 182489

Ion Ratio Lower Upper

83 100

85 63.4 51.4 77.2

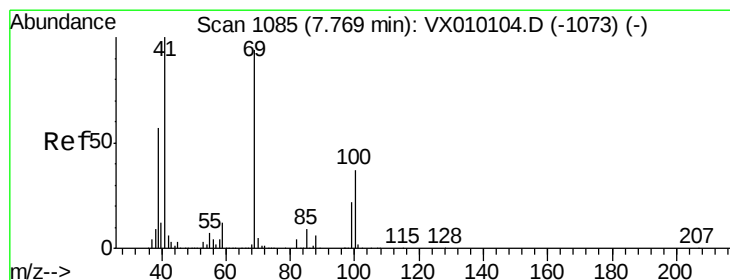
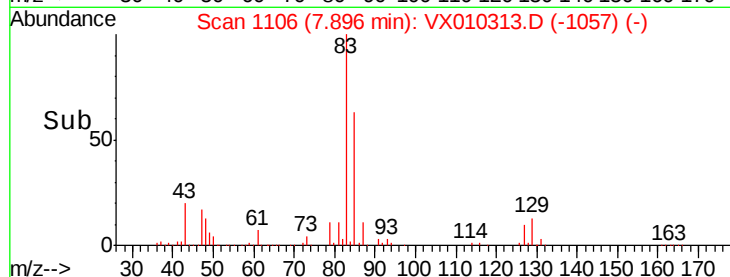
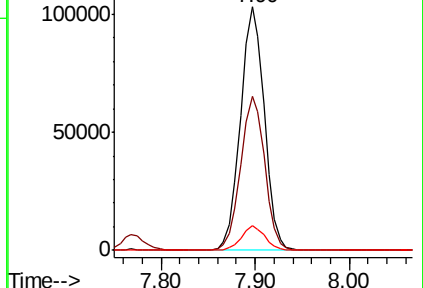
127 10.3 6.4 9.6#



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: 49.917 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX010313.D

Acq: 14 Jun 2019 20:09

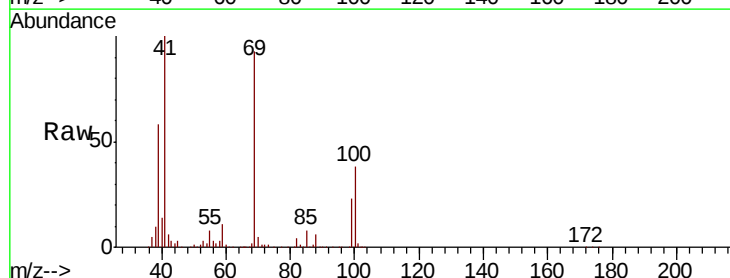
Tgt Ion: 41 Resp: 141228

Ion Ratio Lower Upper

41 100

69 96.6 56.4 84.6#

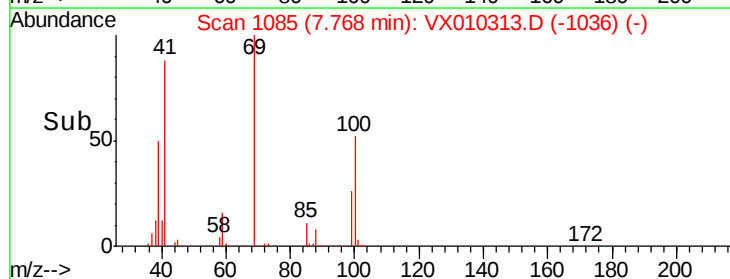
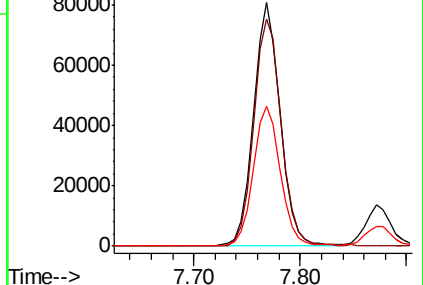
39 58.1 40.6 60.8

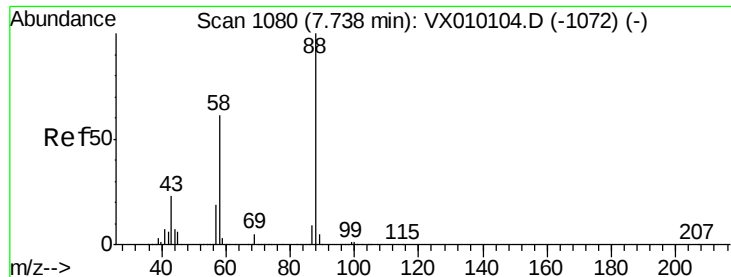


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 910.760 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.00 min

Lab File: VX010313.D

Acq: 14 Jun 2019 20:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

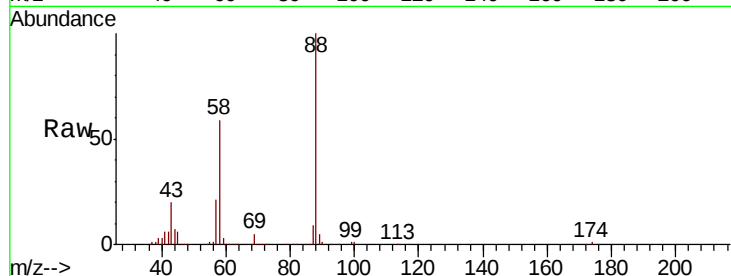
Tot Ion: 88 Resp: 73467

Ion Ratio Lower Upper

88 100

43 25.4 30.2 45.4#

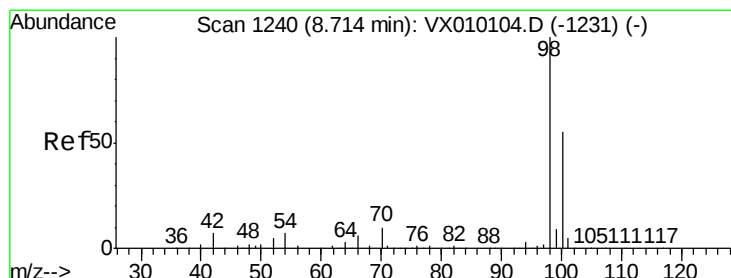
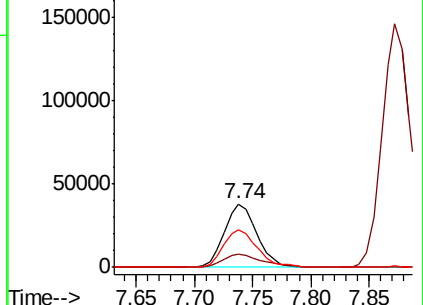
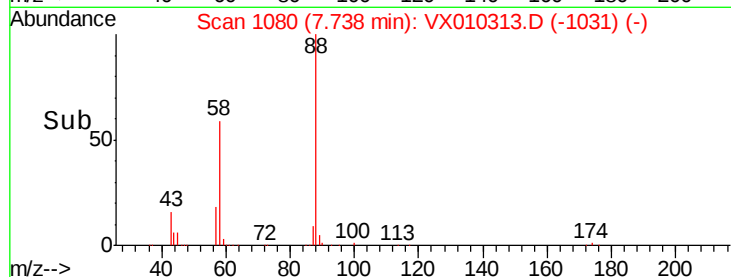
58 62.4 64.0 96.0#



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: 49.086 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010313.D

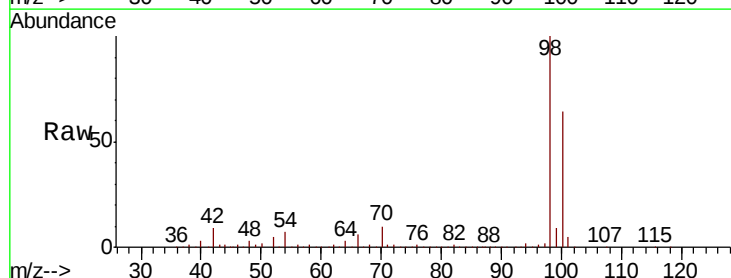
Acq: 14 Jun 2019 20:09

Tgt Ion: 98 Resp: 483680

Ion Ratio Lower Upper

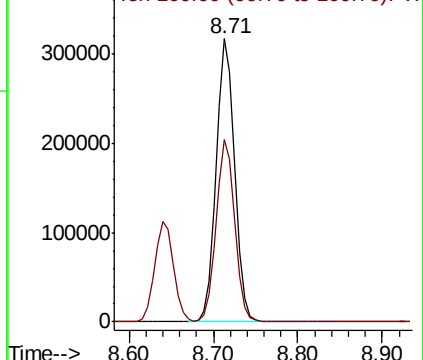
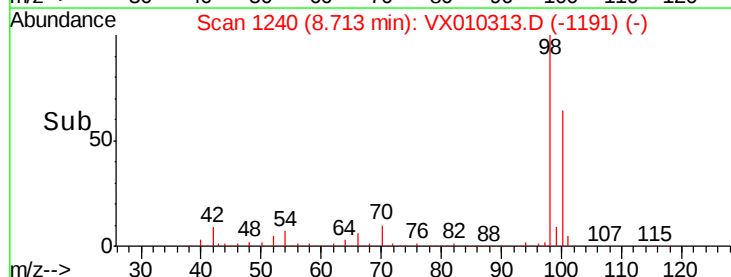
98 100

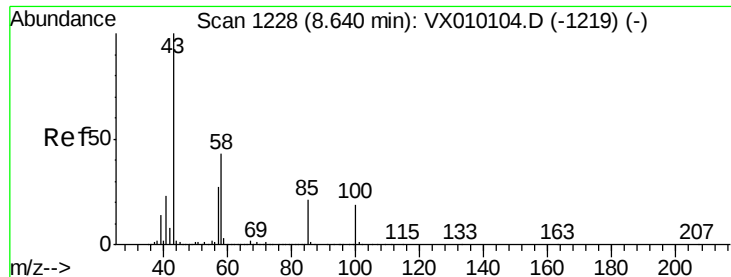
100 64.6 51.5 77.3



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: 264.386 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX010313.D

Acq: 14 Jun 2019 20:09

Instrument :

MSVOA_X

ClientSampleId :

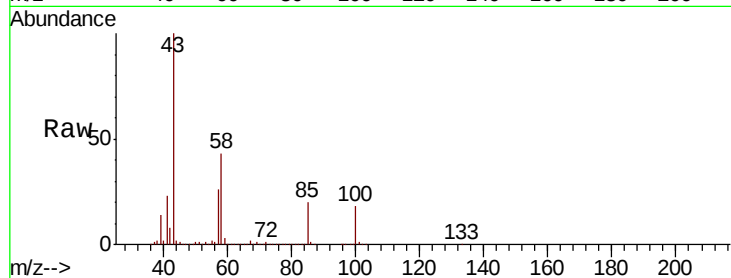
VSTDCCC050EC

Tot Ion: 43 Resp: 955513

Ion Ratio Lower Upper

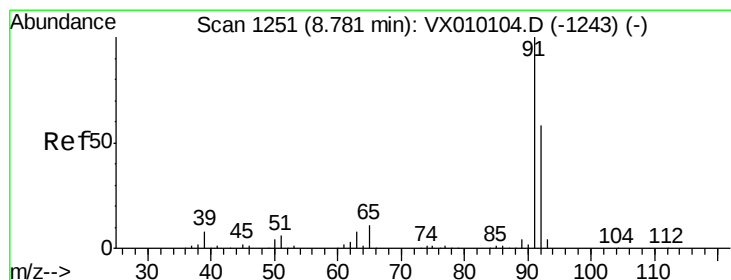
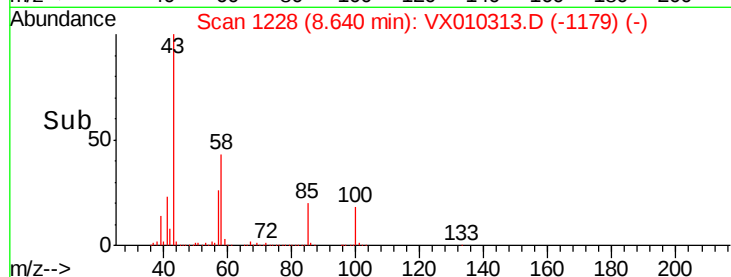
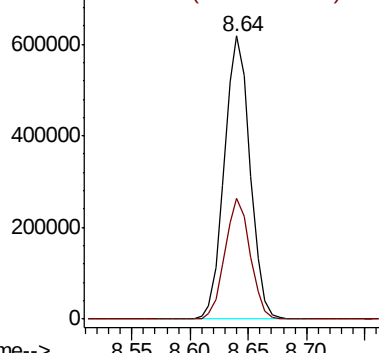
43 100

58 41.9 28.8 43.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 49.759 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX010313.D

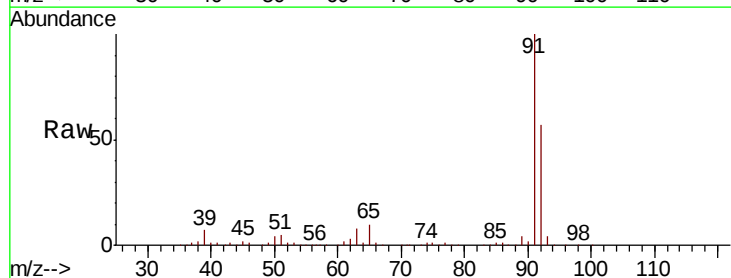
Acq: 14 Jun 2019 20:09

Tgt Ion: 92 Resp: 351724

Ion Ratio Lower Upper

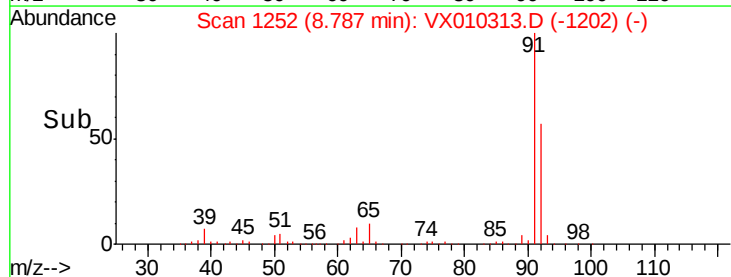
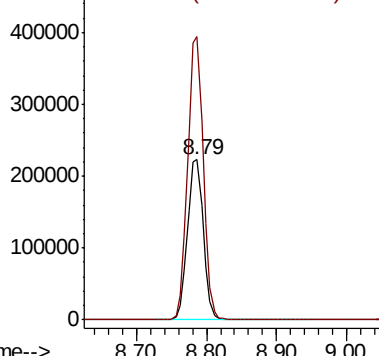
92 100

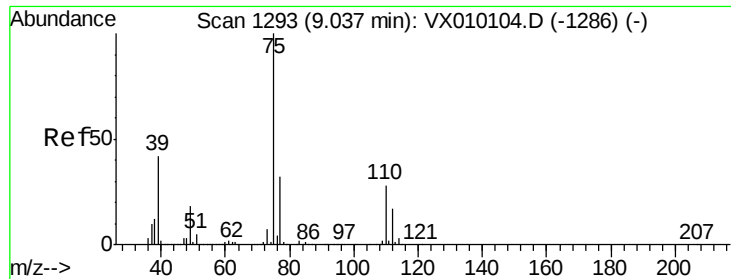
91 174.3 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

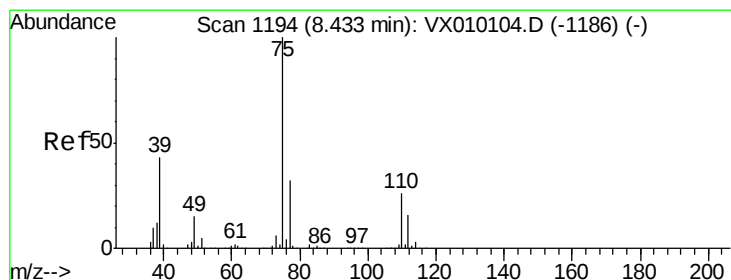
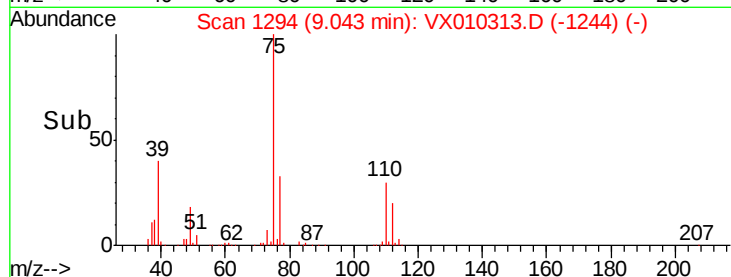
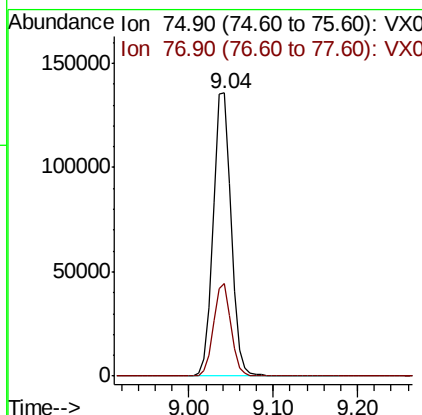
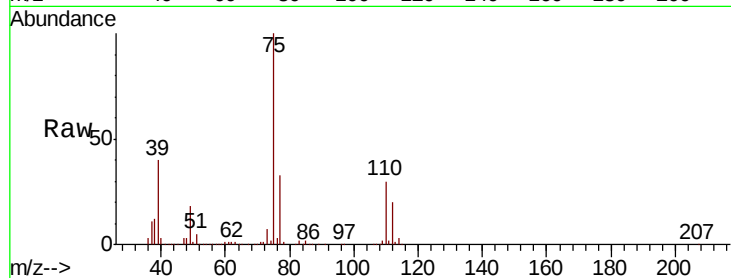




#53
 t-1,3-Dichloropropene
 Concen: 46.397 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.01 min
 Lab File: VX010313.D
 Acq: 14 Jun 2019 20:09

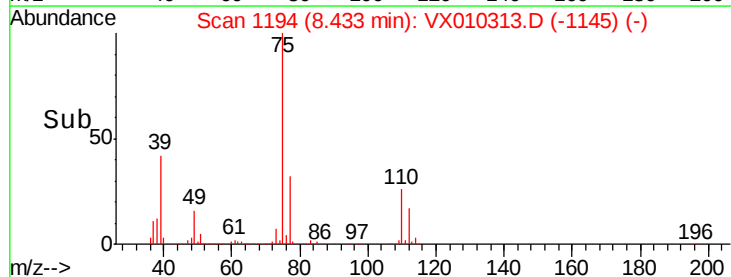
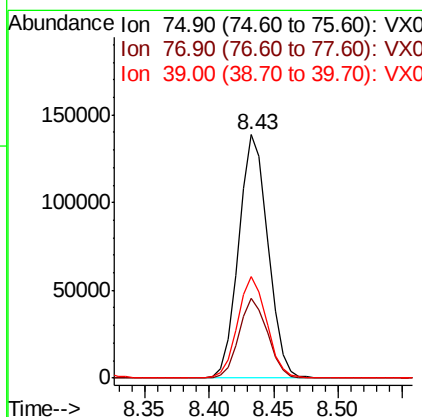
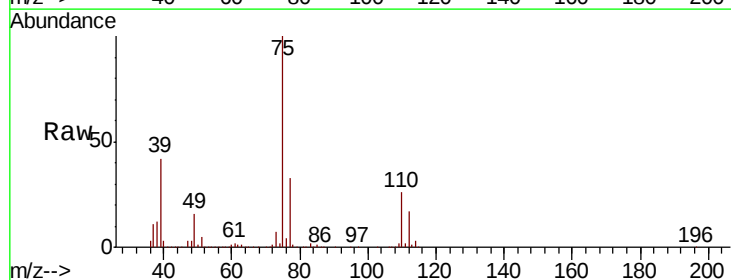
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

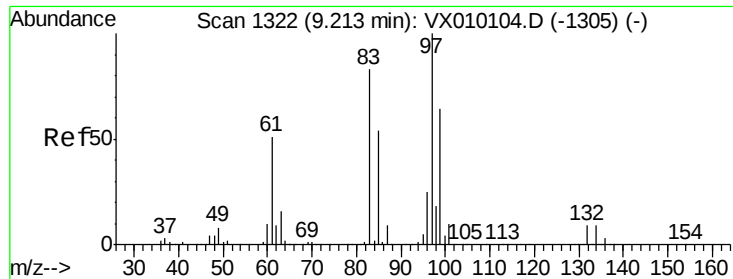
Tot Ion: 75 Resp: 202202
 Ion Ratio Lower Upper
 75 100
 77 32.5 24.6 36.8



#54
 cis-1,3-Dichloropropene
 Concen: 46.737 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX010313.D
 Acq: 14 Jun 2019 20:09

Tgt Ion: 75 Resp: 218357
 Ion Ratio Lower Upper
 75 100
 77 32.5 24.8 37.2
 39 41.7 43.4 65.0#

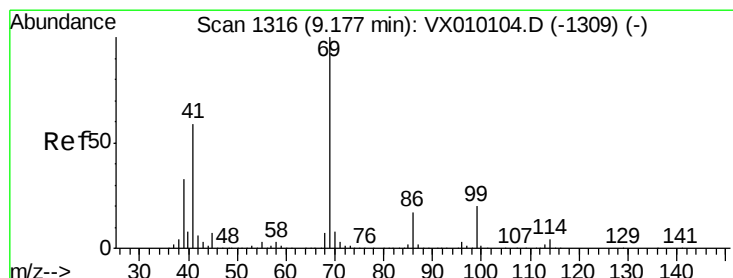
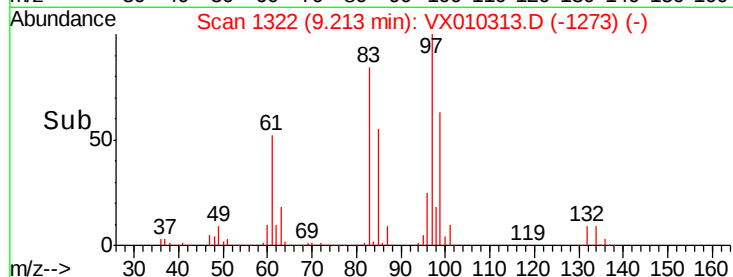
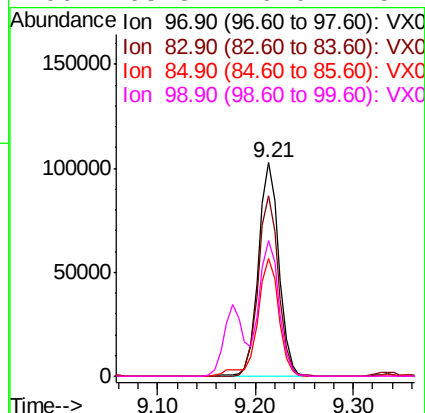
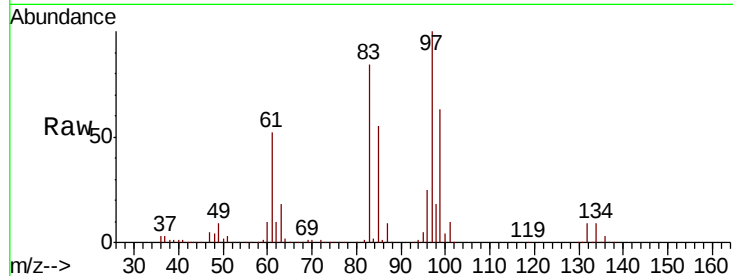




#55
1,1,2-Trichloroethane
Concen: 51.522 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VX010313.D
Acq: 14 Jun 2019 20:09

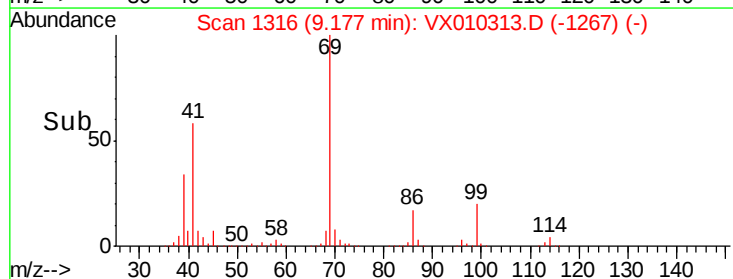
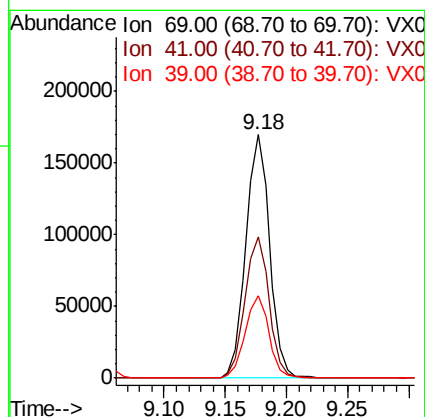
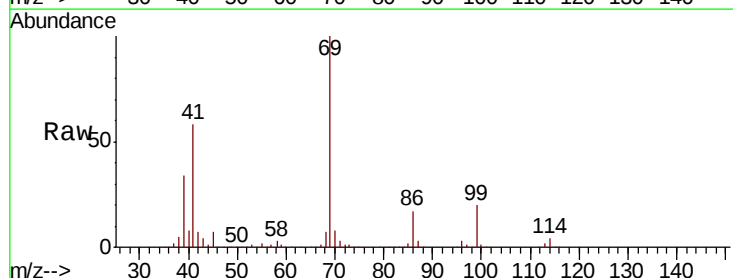
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

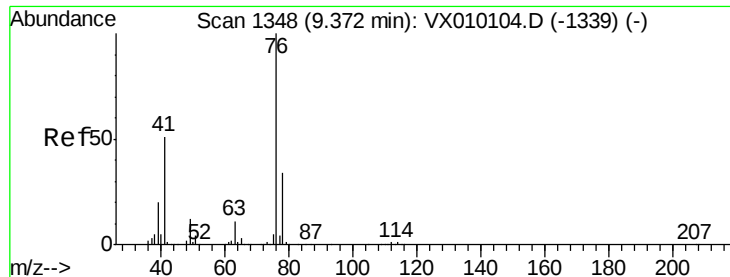
Tot Ion:	97	Resp:	149150
Ion	Ratio	Lower	Upper
97	100		
83	84.4	69.8	104.8
85	55.3	45.3	67.9
99	63.3	49.0	73.4



#56
Ethyl methacrylate
Concen: 50.319 ug/l
RT: 9.18 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VX010313.D
Acq: 14 Jun 2019 20:09

Tgt Ion:	69	Resp:	230102
Ion	Ratio	Lower	Upper
69	100		
41	58.4	62.7	94.1#
39	33.8	29.5	44.3





#57

1,3-Dichloropropane

Concen: 50.591 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX010313.D

Acq: 14 Jun 2019 20:09

Instrument :

MSVOA_X

ClientSampleId :

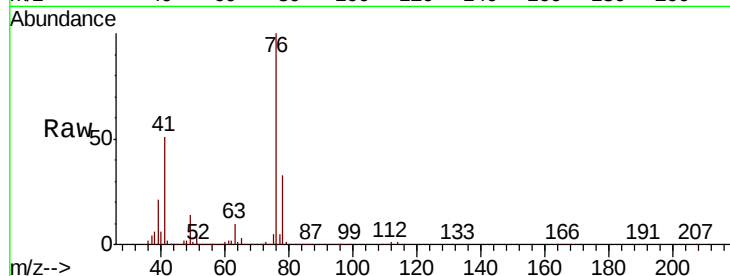
VSTDCCC050EC

Tot Ion: 76 Resp: 230567

Ion Ratio Lower Upper

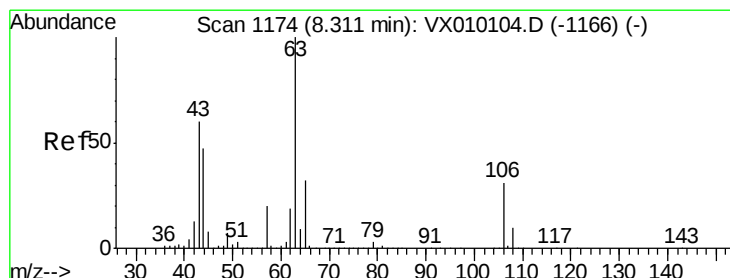
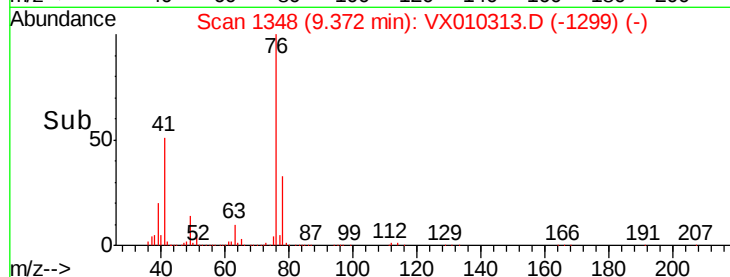
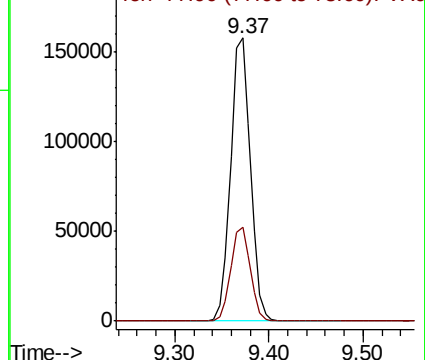
76 100

78 32.8 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: 245.572 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX010313.D

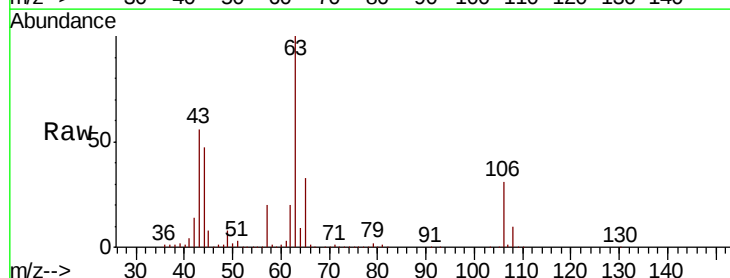
Acq: 14 Jun 2019 20:09

Tgt Ion: 63 Resp: 529395

Ion Ratio Lower Upper

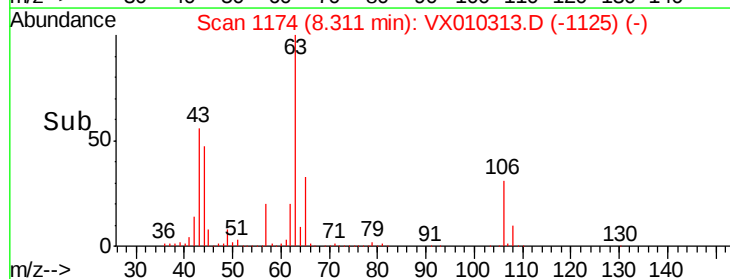
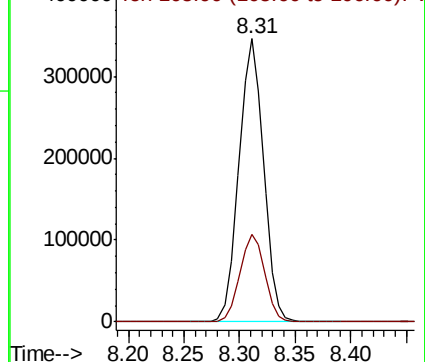
63 100

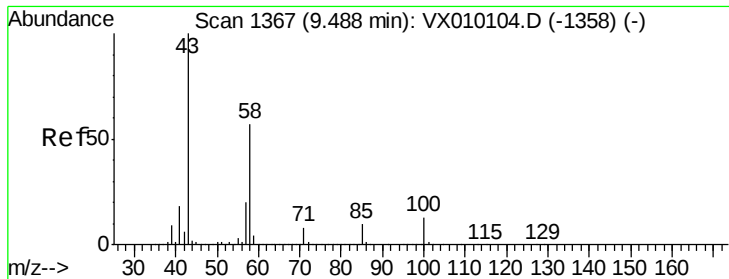
106 31.3 19.4 29.2#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

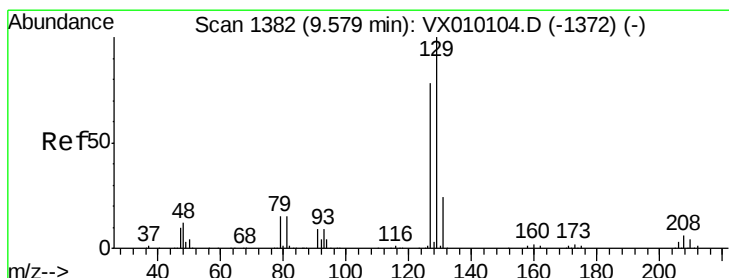
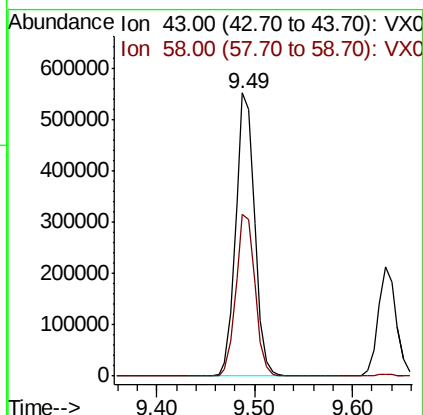
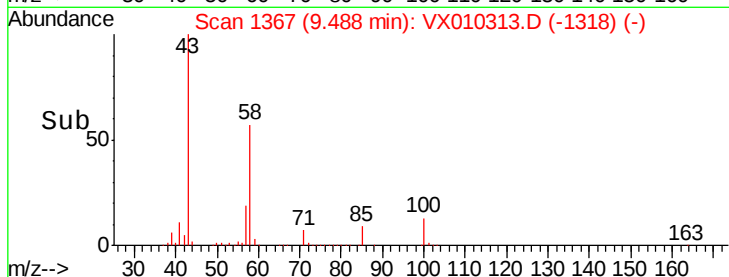
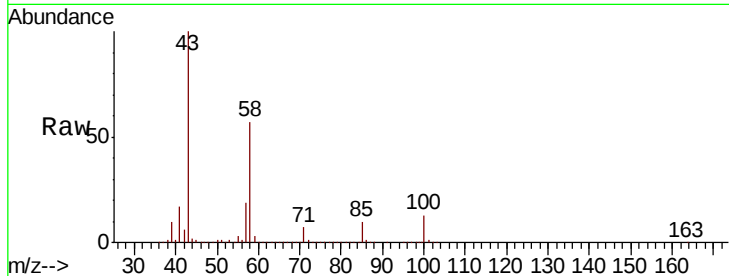




#59
2-Hexanone
Concen: 255.247 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX010313.D
Acq: 14 Jun 2019 20:09

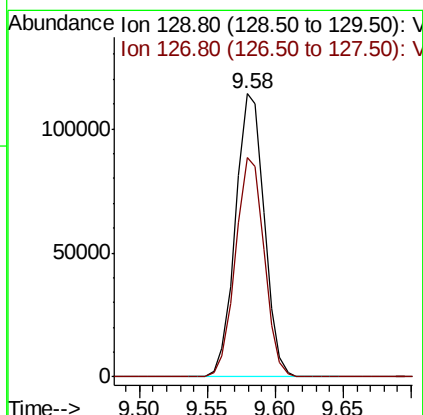
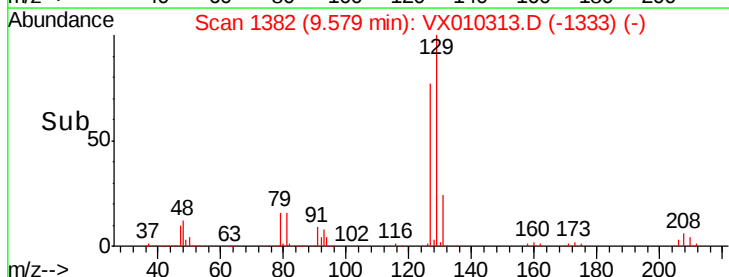
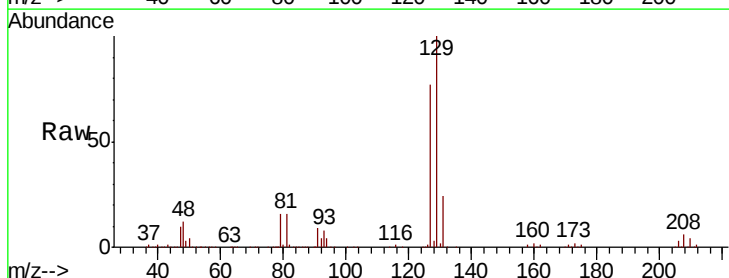
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

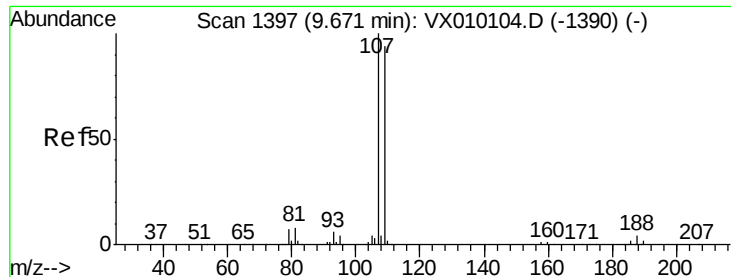
Tot Ion: 43 Resp: 735506
Ion Ratio Lower Upper
43 100
58 58.3 25.1 75.3



#60
Dibromochloromethane
Concen: 49.202 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX010313.D
Acq: 14 Jun 2019 20:09

Tgt Ion: 129 Resp: 168474
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.5





#61

1,2-Dibromoethane

Concen: 49.730 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX010313.D

Acq: 14 Jun 2019 20:09

Instrument :

MSVOA_X

ClientSampleId :

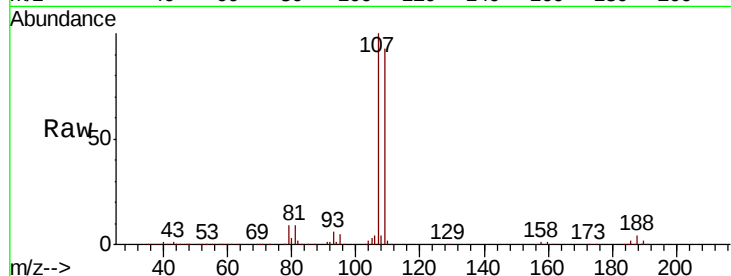
VSTDCCC050EC

Tot Ion:107 Resp: 160336

Ion Ratio Lower Upper

107 100

109 95.2 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

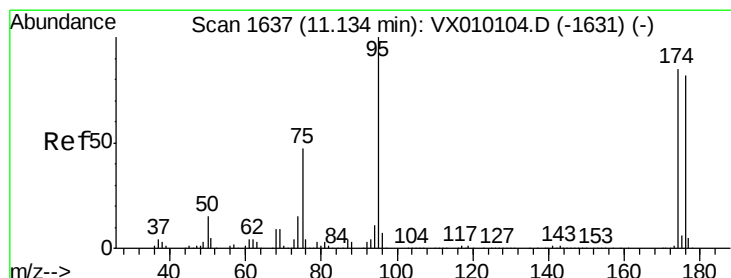
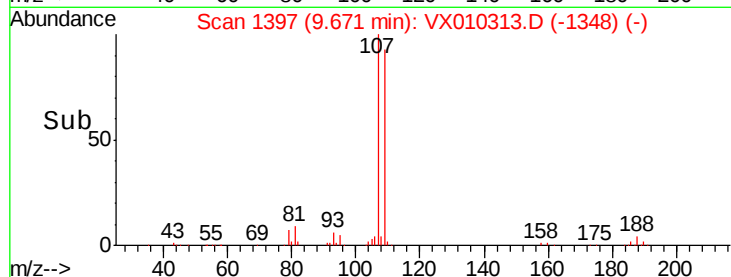
100000

50000

0

Time-->

9.60 9.70 9.80



#62

4-Bromofluorobenzene

Concen: 48.210 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010313.D

Acq: 14 Jun 2019 20:09

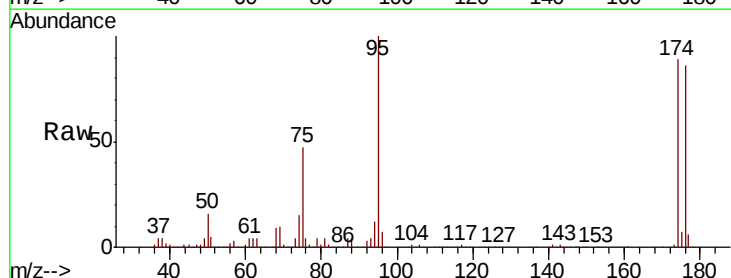
Tgt Ion: 95 Resp: 177410

Ion Ratio Lower Upper

95 100

174 94.1 0.0 160.4

176 91.1 0.0 154.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.13

150000

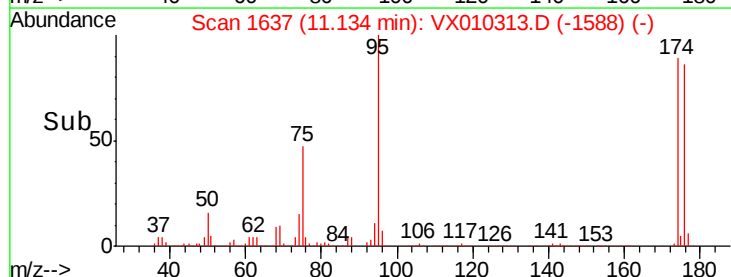
100000

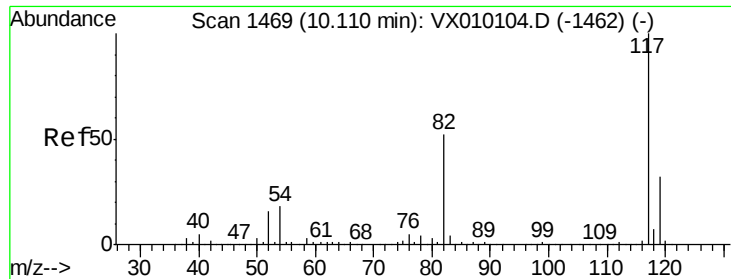
50000

0

Time-->

11.05 11.10 11.15 11.20

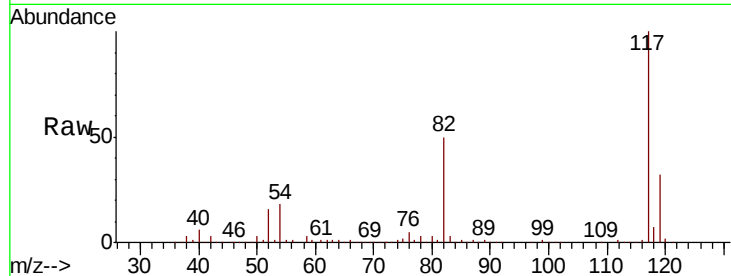




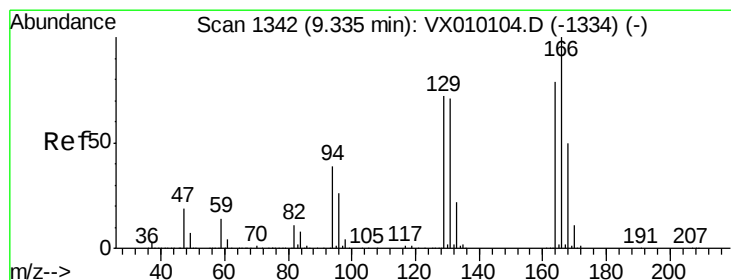
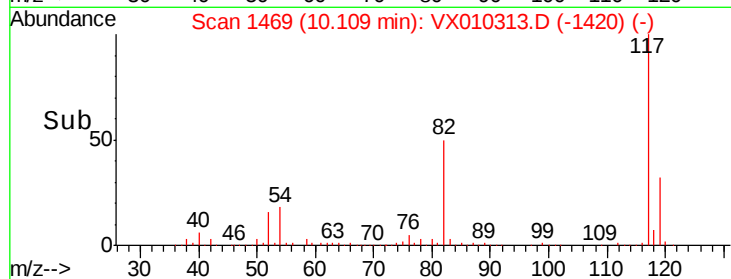
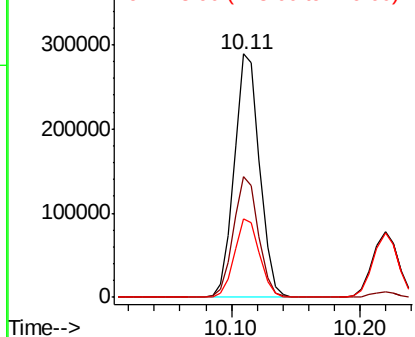
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010313.D
Acq: 14 Jun 2019 20:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 395172
Ion Ratio Lower Upper
117 100
82 49.8 49.2 73.8
119 32.2 25.2 37.8

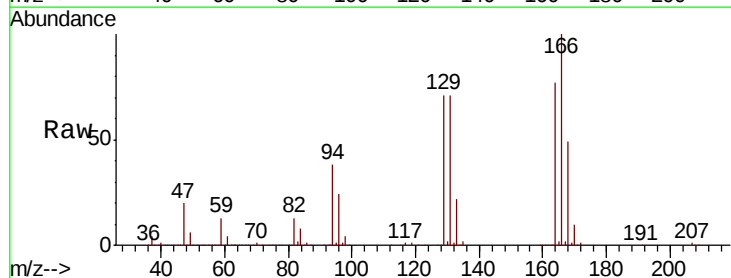


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

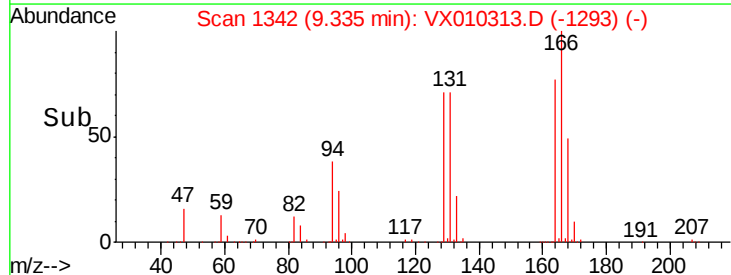
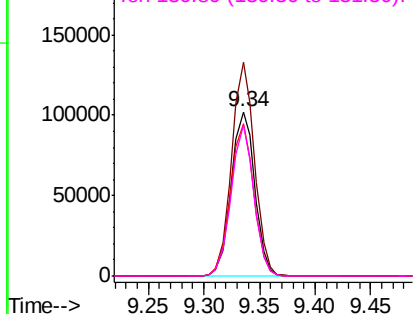


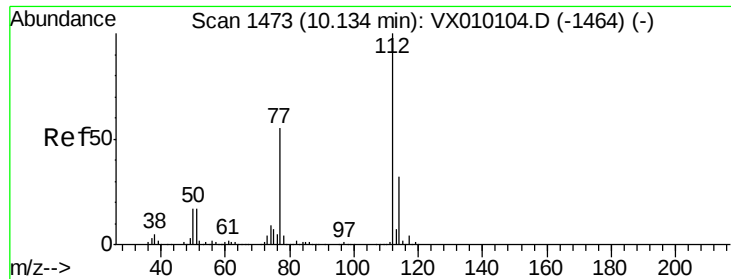
#64
Tetrachloroethene
Concen: 50.963 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX010313.D
Acq: 14 Jun 2019 20:09

Tgt Ion:164 Resp: 149577
Ion Ratio Lower Upper
164 100
166 129.9 105.0 157.4
129 92.3 75.1 112.7
131 92.0 72.2 108.4



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

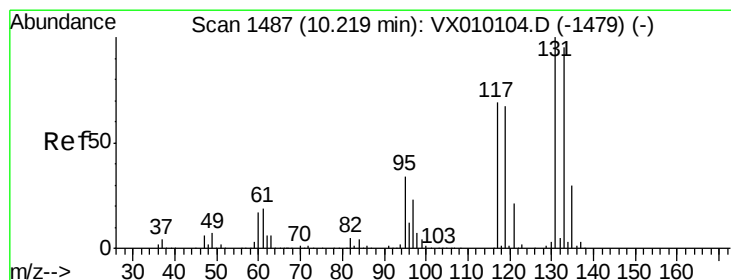
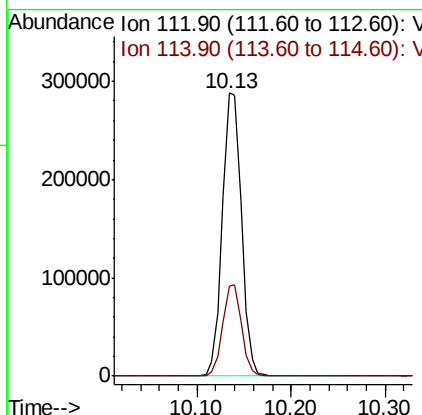
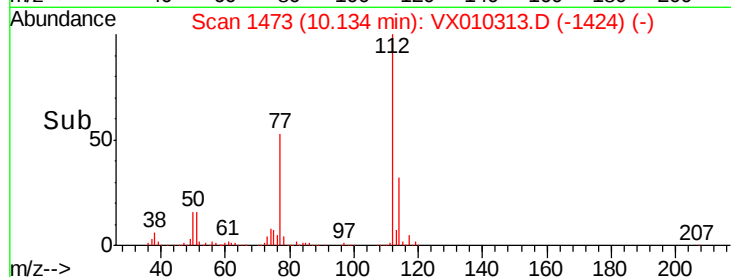
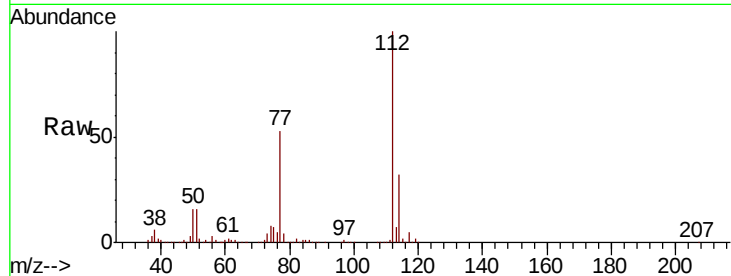




#65
Chlorobenzene
Concen: 49.780 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX010313.D
Acq: 14 Jun 2019 20:09

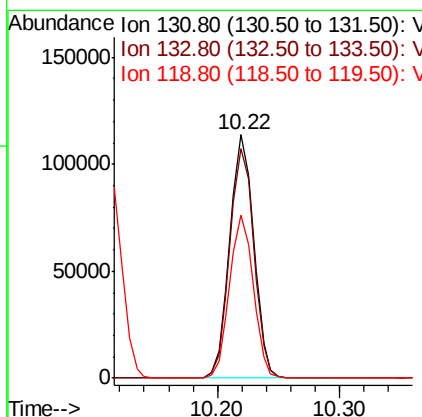
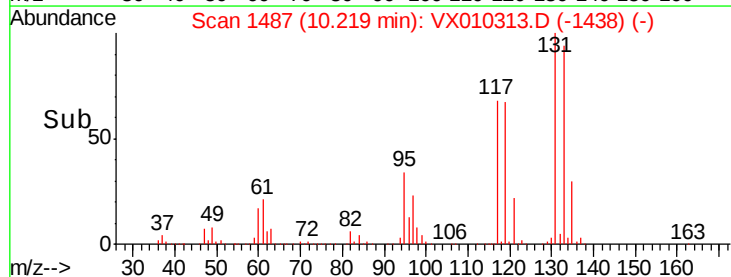
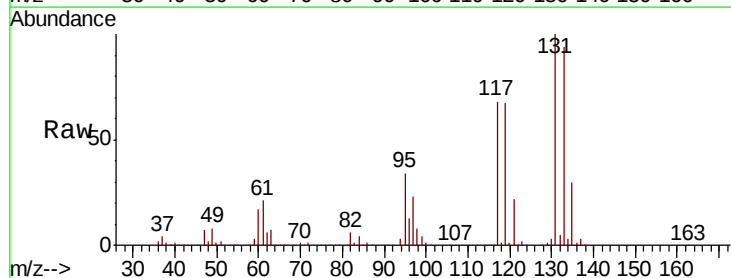
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

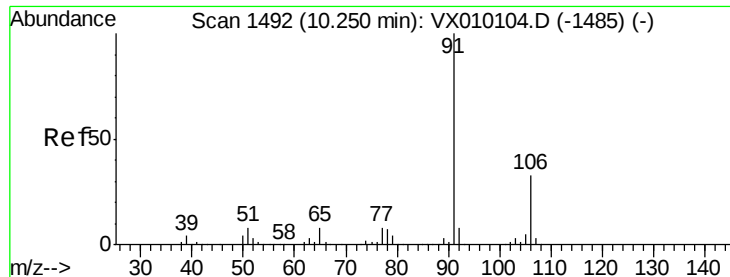
Tot Ion:112 Resp: 406004
Ion Ratio Lower Upper
112 100
114 31.9 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 49.194 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX010313.D
Acq: 14 Jun 2019 20:09

Tgt Ion:131 Resp: 154298
Ion Ratio Lower Upper
131 100
133 95.1 47.5 142.6
119 66.4 33.4 100.1

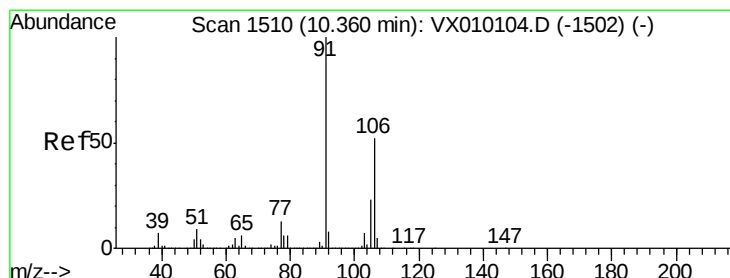
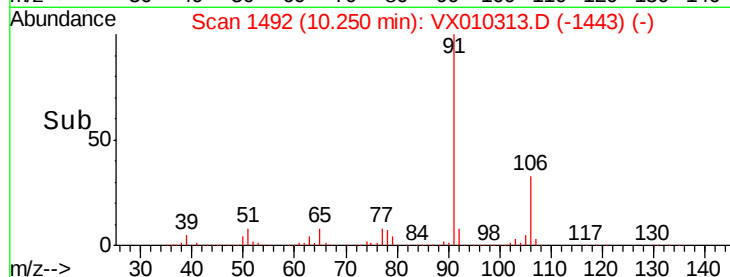
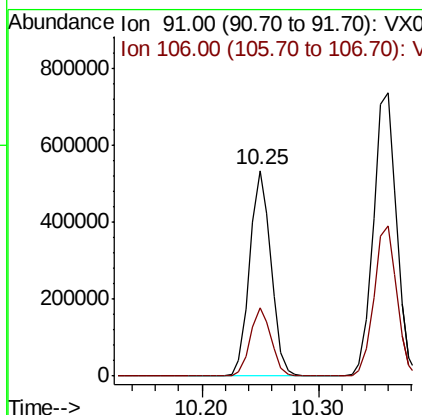
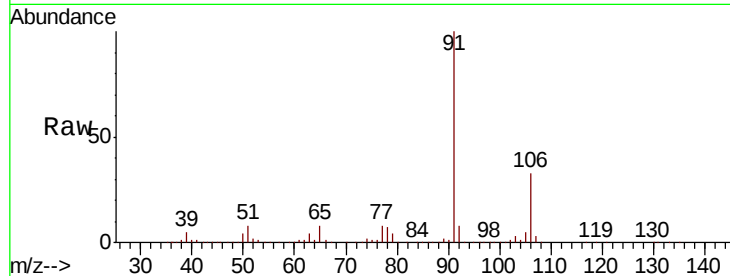




#67
Ethyl Benzene
Concen: 49.227 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX010313.D
Acq: 14 Jun 2019 20:09

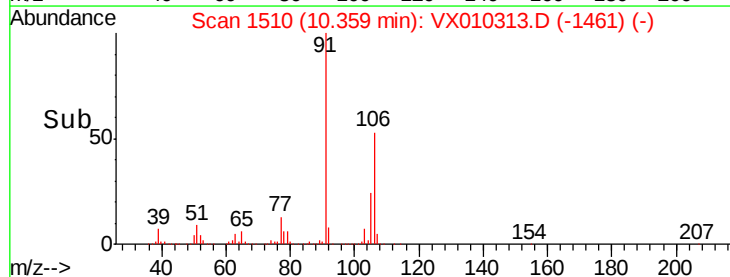
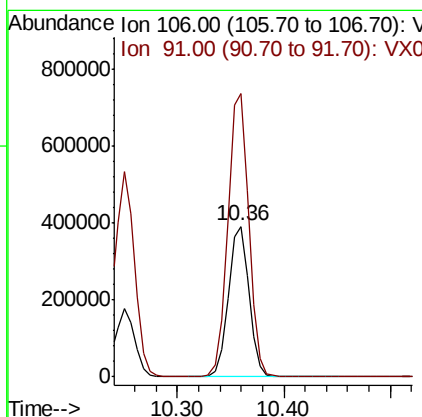
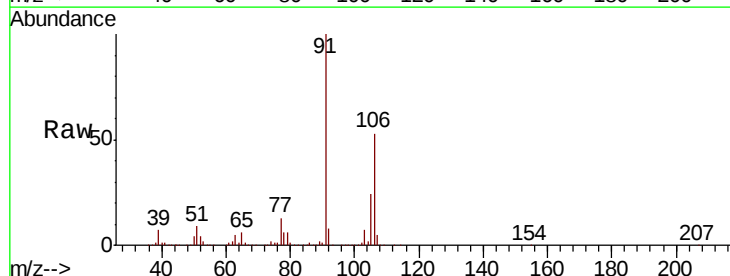
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

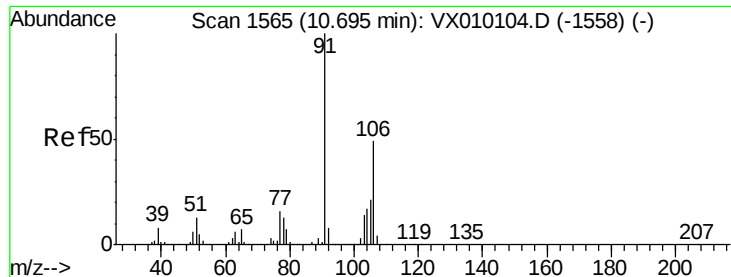
Tot Ion: 91 Resp: 683488
Ion Ratio Lower Upper
91 100
106 33.0 23.9 35.9



#68
m/p-Xylenes
Concen: 98.697 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX010313.D
Acq: 14 Jun 2019 20:09

Tgt Ion: 106 Resp: 530287
Ion Ratio Lower Upper
106 100
91 191.3 167.3 250.9

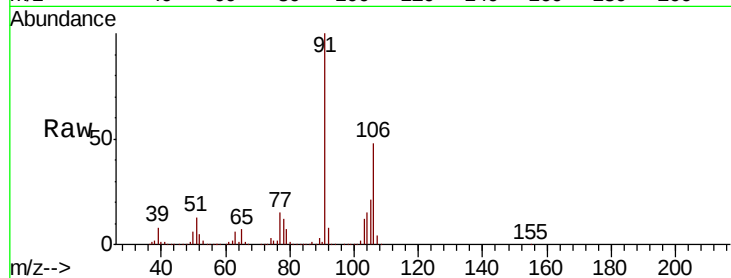




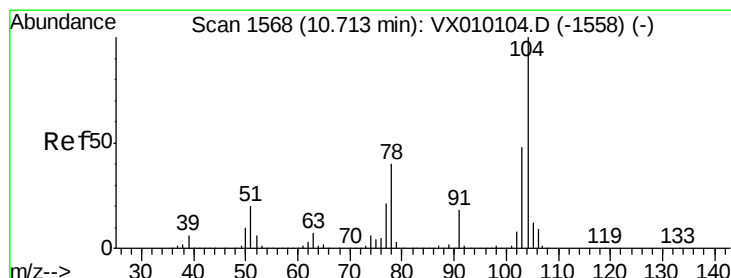
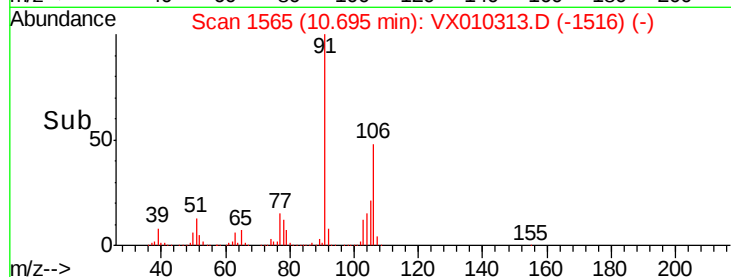
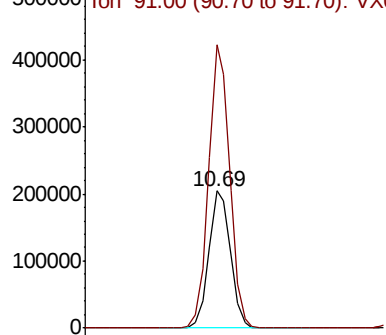
#69
o-Xylene
Concen: 49.251 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX010313.D
Acq: 14 Jun 2019 20:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 263044
Ion Ratio Lower Upper
106 100
91 202.2 110.4 331.2

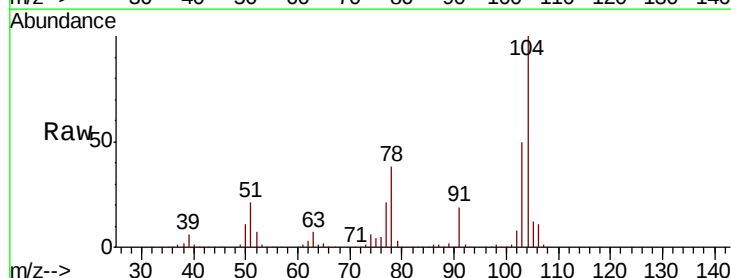


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

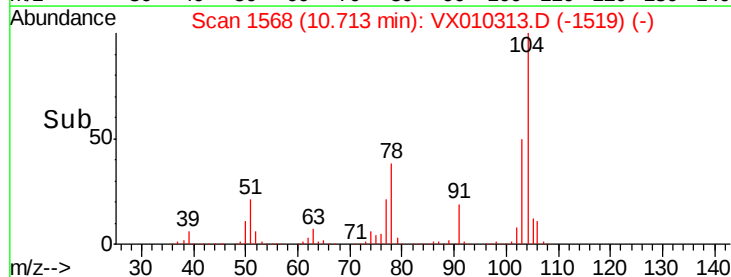
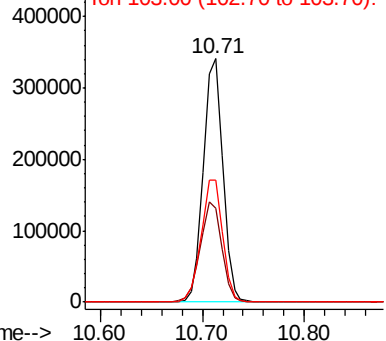


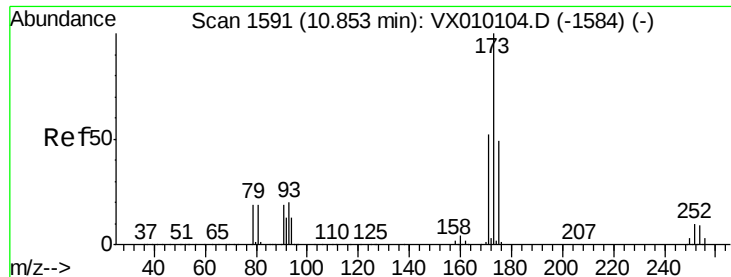
#70
Styrene
Concen: 49.627 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX010313.D
Acq: 14 Jun 2019 20:09

Tgt Ion:104 Resp: 448906
Ion Ratio Lower Upper
104 100
78 45.6 42.1 63.1
103 55.2 44.1 66.1



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





#71

Bromoform

Concen: 47.244 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX010313.D

Acq: 14 Jun 2019 20:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

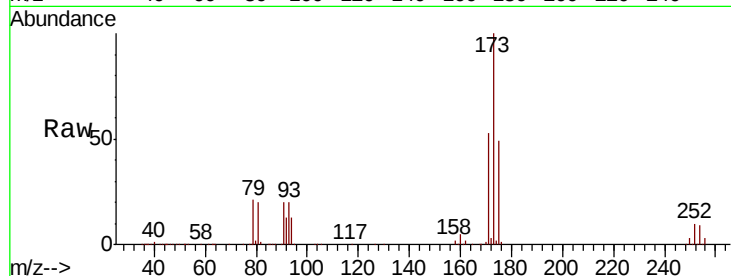
Tot Ion:173 Resp: 136223

Ion Ratio Lower Upper

173 100

175 49.1 25.0 75.0

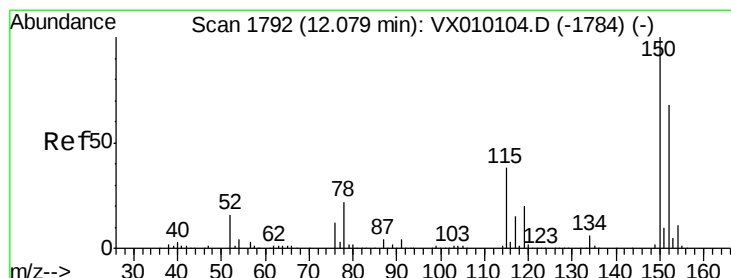
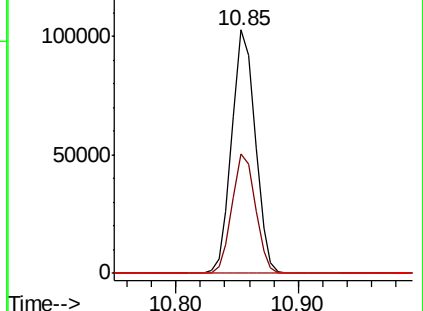
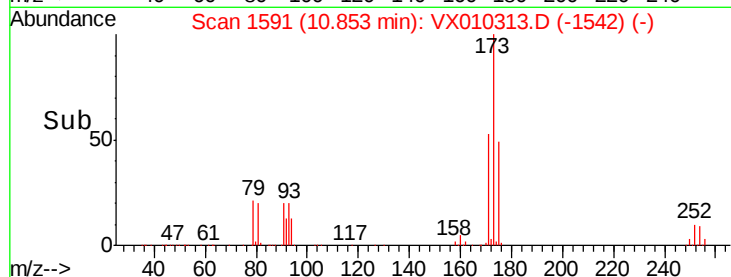
254 0.1 0.2 0.2#



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: VX010313.D

Acq: 14 Jun 2019 20:09

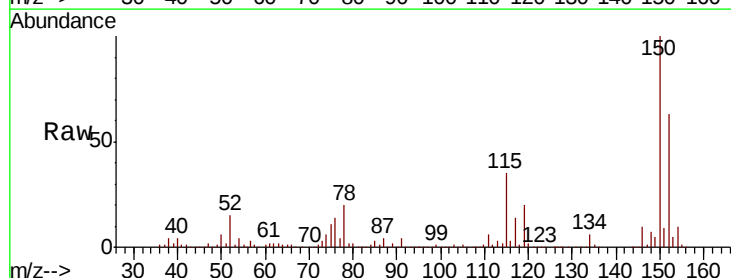
Tgt Ion:152 Resp: 201314

Ion Ratio Lower Upper

152 100

115 77.0 41.4 124.2

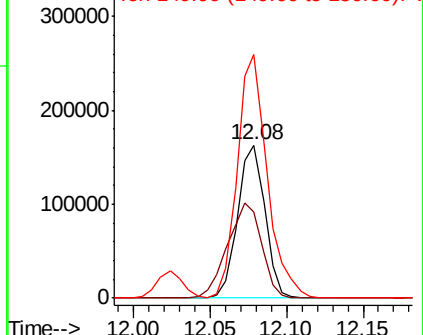
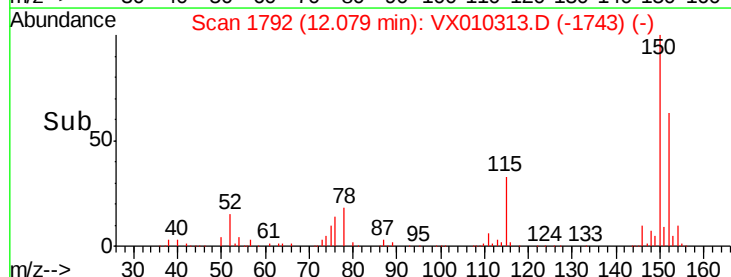
150 173.6 0.0 345.2

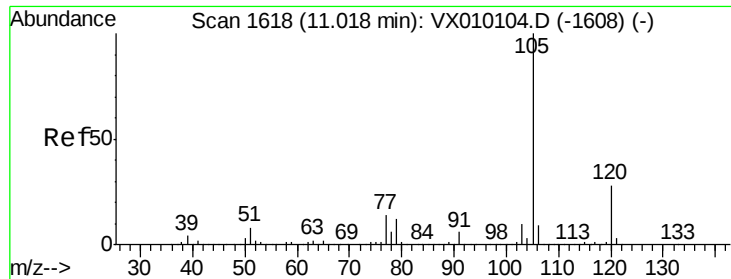


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.275 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX010313.D

Acq: 14 Jun 2019 20:09

Instrument :

MSVOA_X

ClientSampleId :

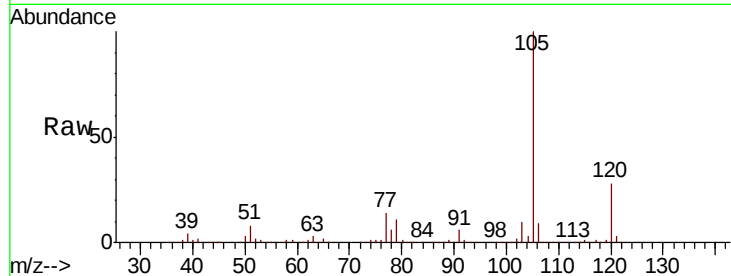
VSTDCCC050EC

Tot Ion:105 Resp: 692467

Ion Ratio Lower Upper

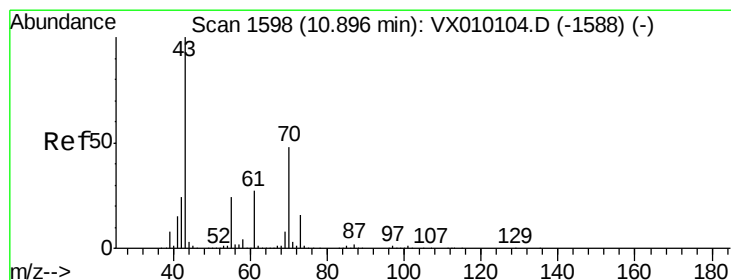
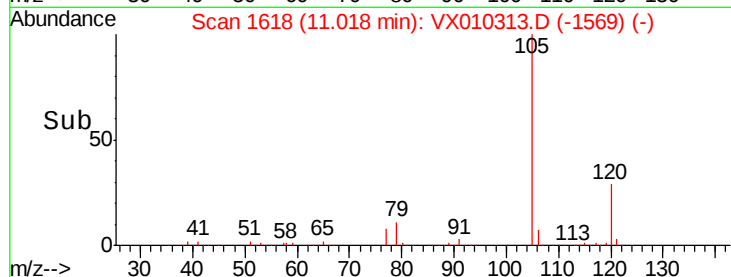
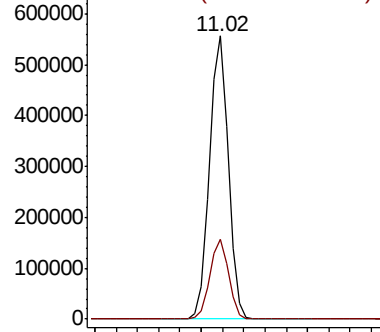
105 100

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: 48.927 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX010313.D

Acq: 14 Jun 2019 20:09

Tgt Ion: 43 Resp: 271796

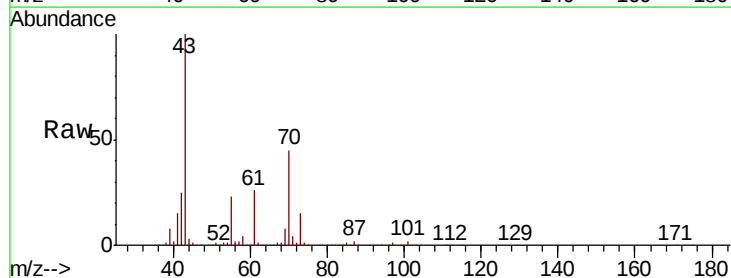
Ion Ratio Lower Upper

43 100

70 45.9 28.6 43.0#

55 23.5 17.8 26.8

61 25.9 17.7 26.5

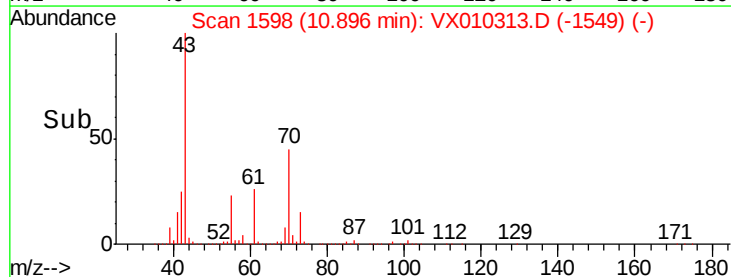
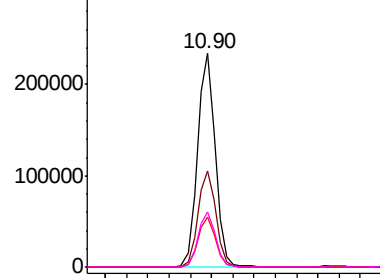


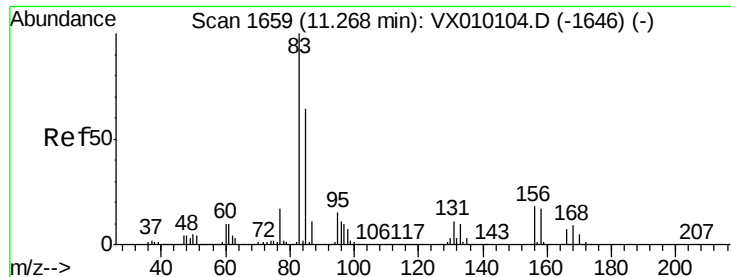
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 48.967 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX010313.D

Acq: 14 Jun 2019 20:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

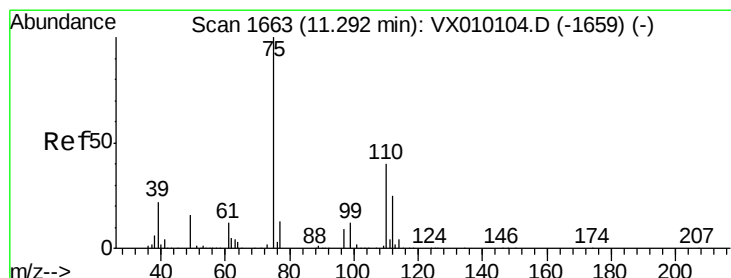
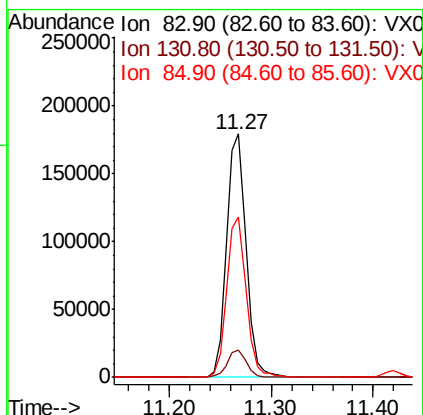
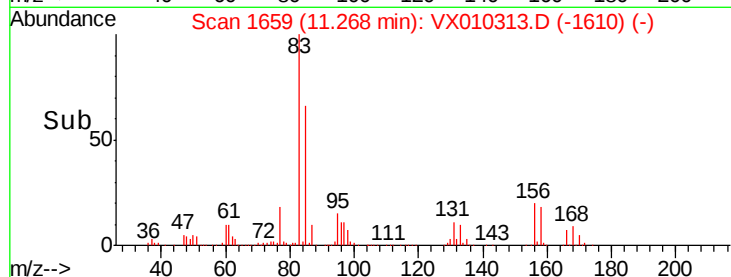
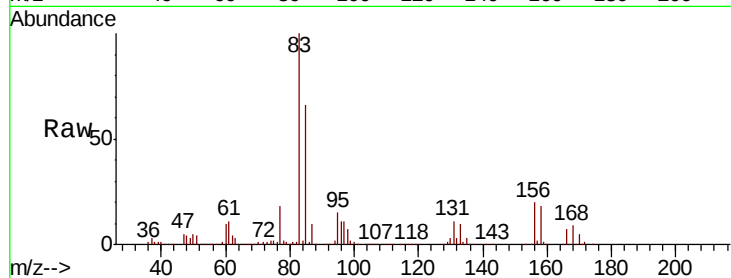
Tot Ion: 83 Resp: 235554

Ion Ratio Lower Upper

83 100

131 11.1 4.7 14.1

85 65.7 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 64.351 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX010313.D

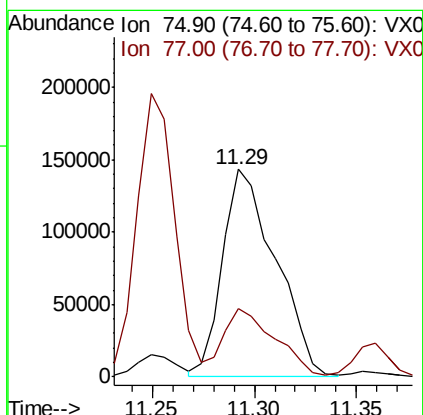
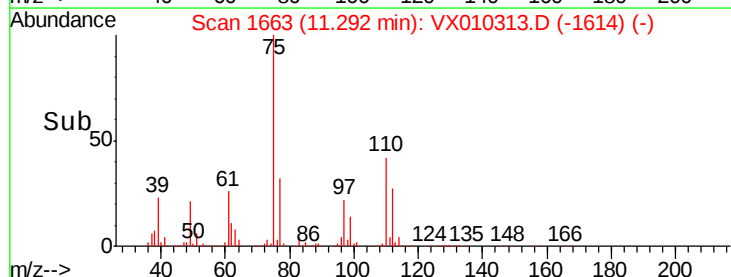
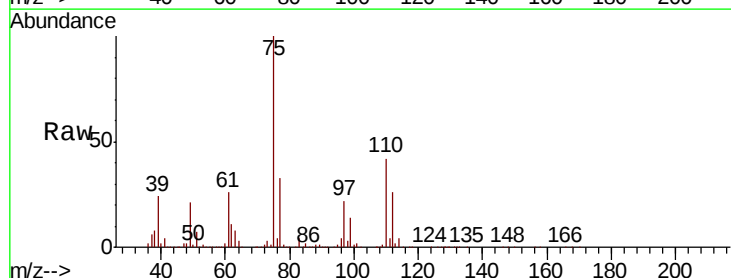
Acq: 14 Jun 2019 20:09

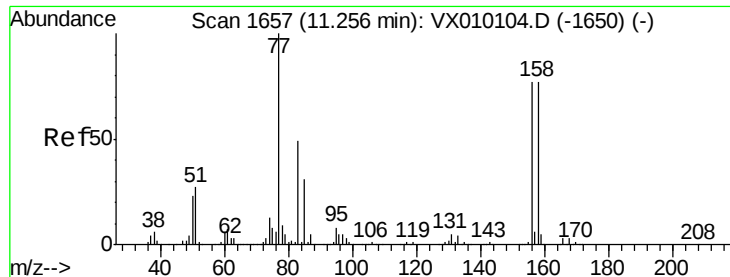
Tgt Ion: 75 Resp: 259121

Ion Ratio Lower Upper

75 100

77 32.4 22.1 66.1

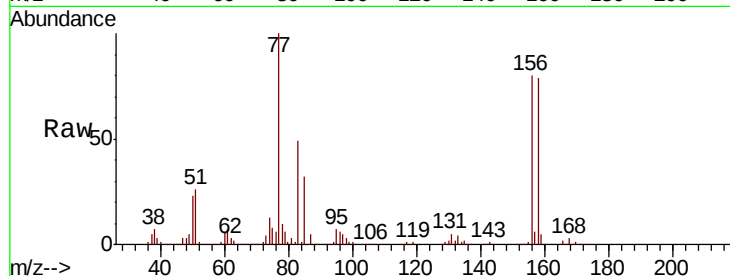




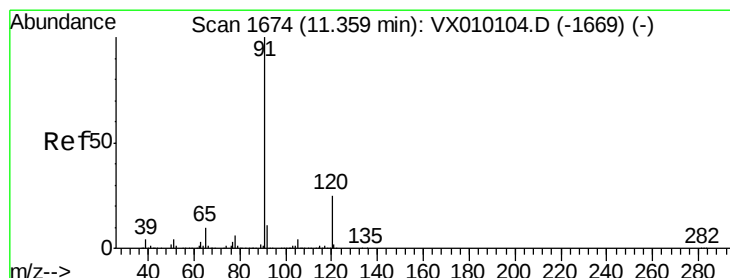
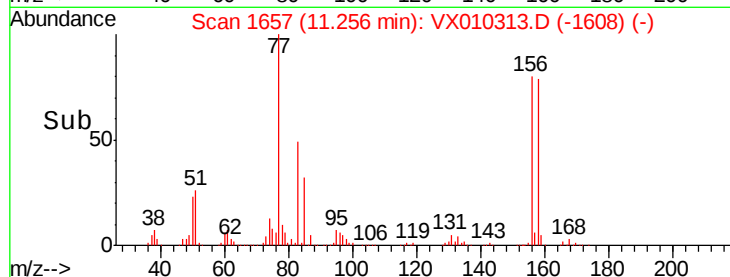
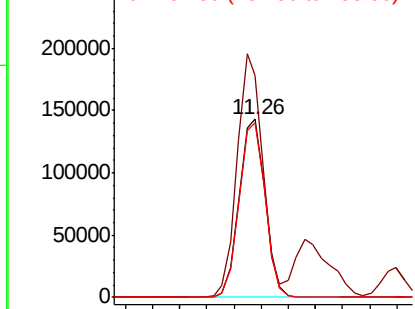
#77
Bromobenzene
Concen: 49.270 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VX010313.D
Acq: 14 Jun 2019 20:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:156 Resp: 190405
Ion Ratio Lower Upper
156 100
77 133.2 86.8 260.3
158 97.9 49.6 148.8

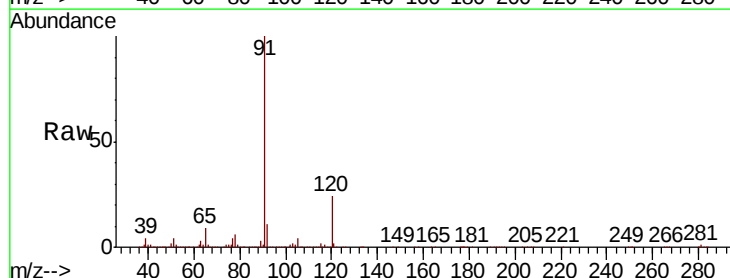


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VX0
Ion 157.80 (157.50 to 158.50): V

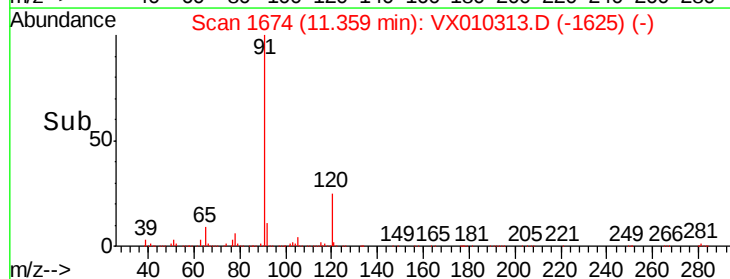
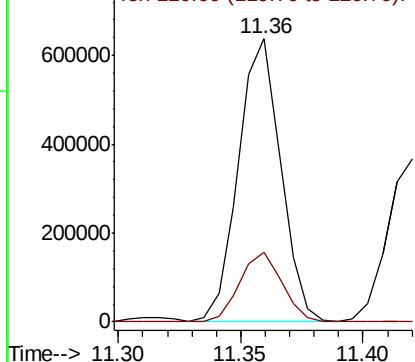


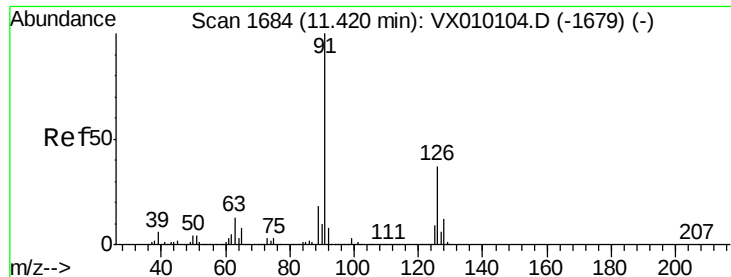
#78
n-propylbenzene
Concen: 48.894 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VX010313.D
Acq: 14 Jun 2019 20:09

Tgt Ion: 91 Resp: 764943
Ion Ratio Lower Upper
91 100
120 24.7 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: 48.254 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX010313.D

Acq: 14 Jun 2019 20:09

Instrument :

MSVOA_X

ClientSampleId :

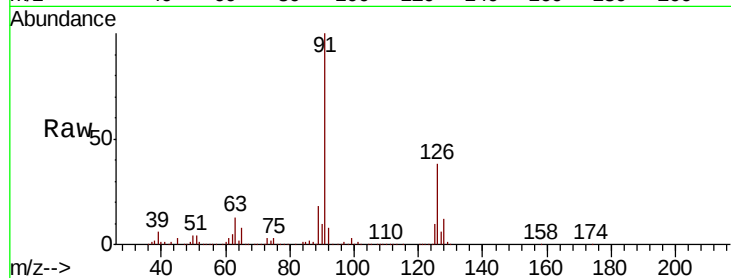
VSTDCCC050EC

Tot Ion: 91 Resp: 453409

Ion Ratio Lower Upper

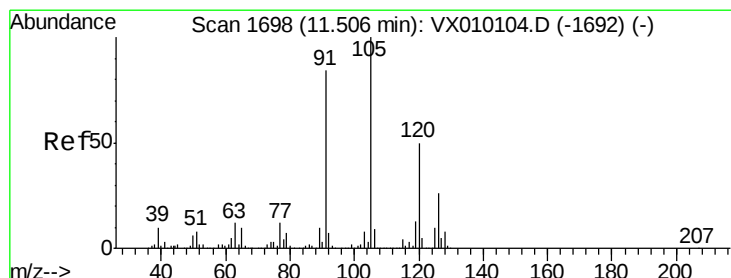
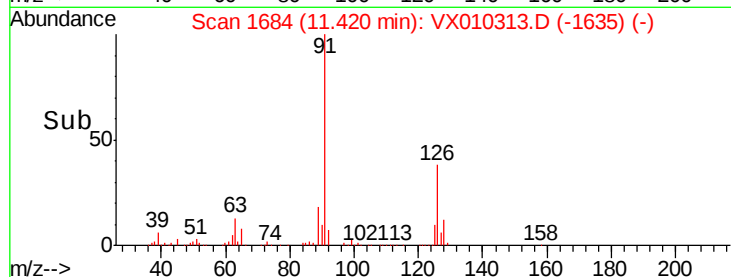
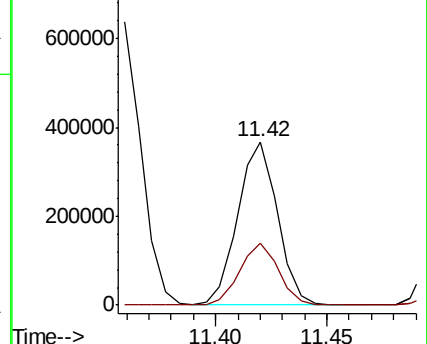
91 100

126 37.6 16.1 48.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 48.422 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010313.D

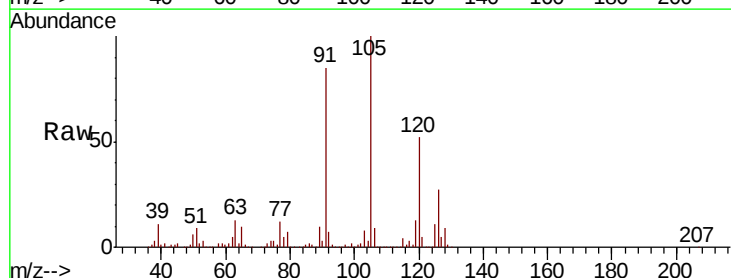
Acq: 14 Jun 2019 20:09

Tgt Ion:105 Resp: 573147

Ion Ratio Lower Upper

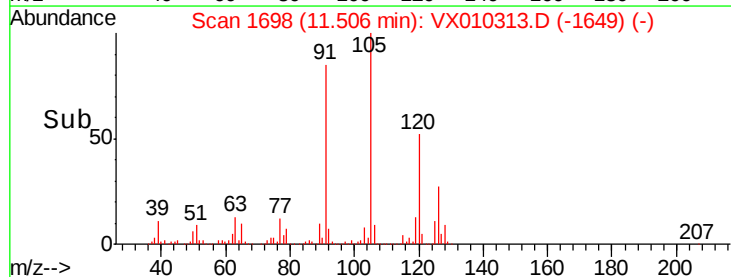
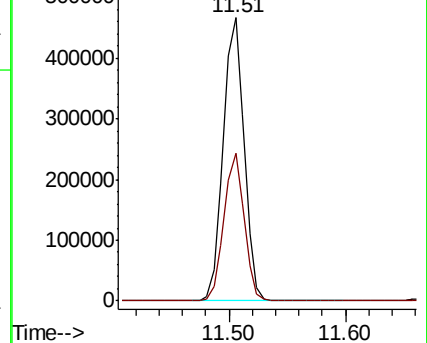
105 100

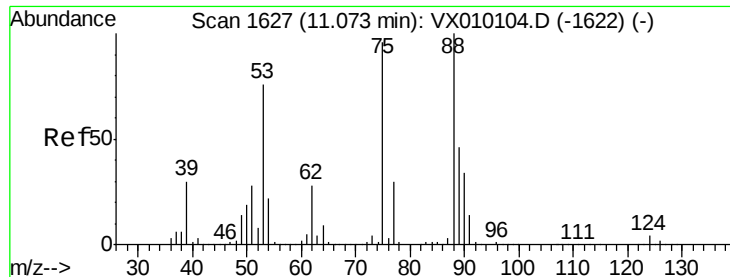
120 50.8 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 43.265 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX010313.D

Acq: 14 Jun 2019 20:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

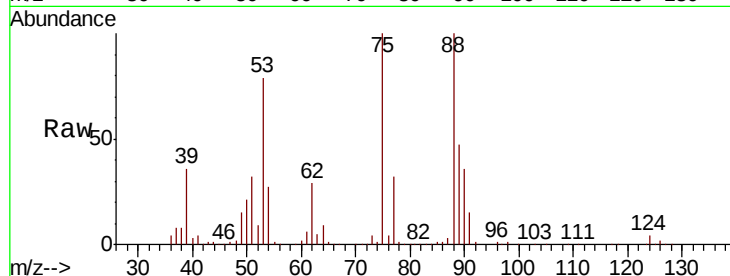
Tot Ion: 75 Resp: 78851

Ion Ratio Lower Upper

75 100

53 81.2 79.8 119.6

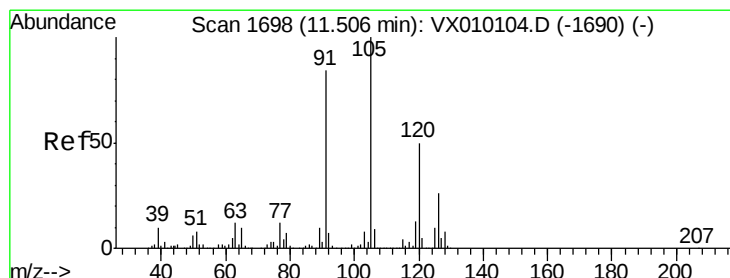
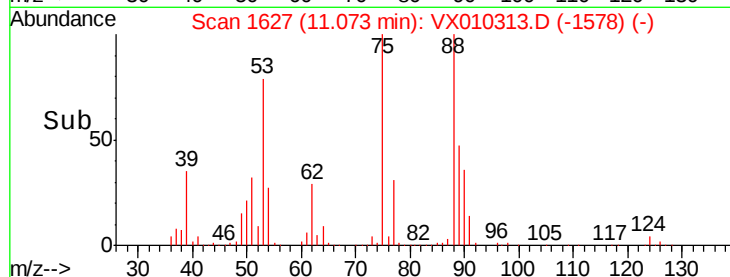
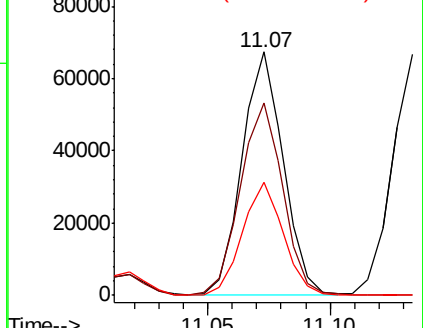
89 46.7 34.2 51.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 48.863 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010313.D

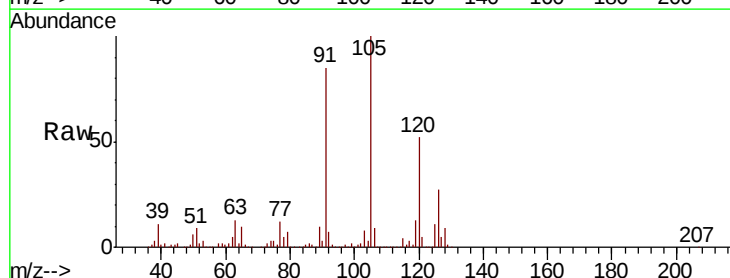
Acq: 14 Jun 2019 20:09

Tgt Ion: 91 Resp: 521557

Ion Ratio Lower Upper

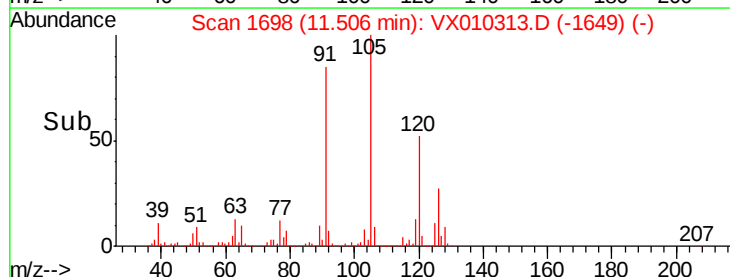
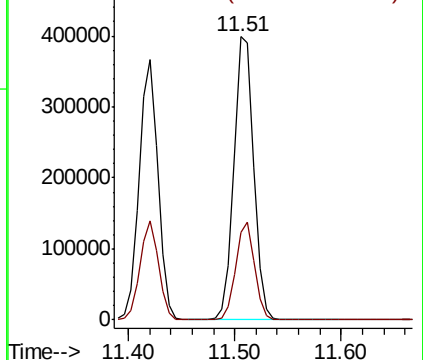
91 100

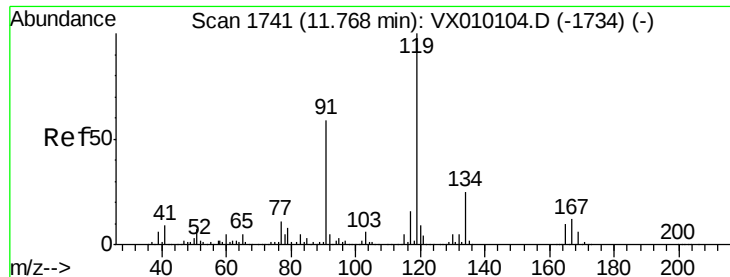
126 33.0 14.2 42.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

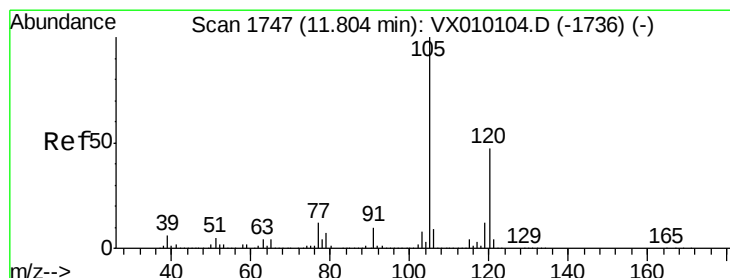
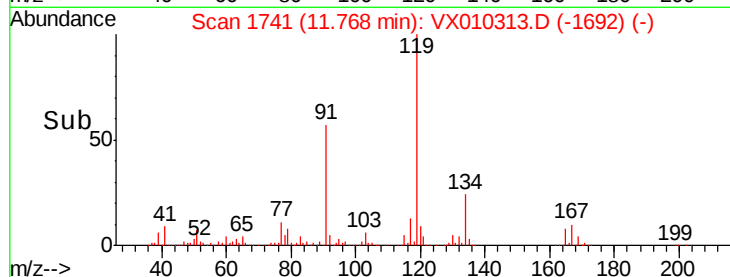
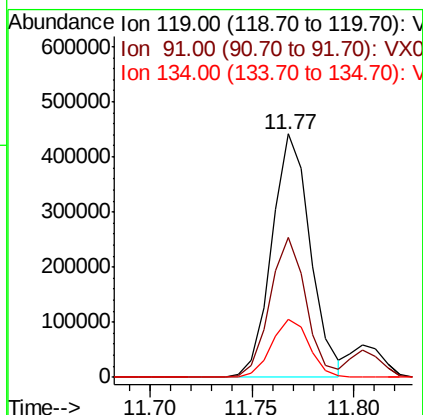
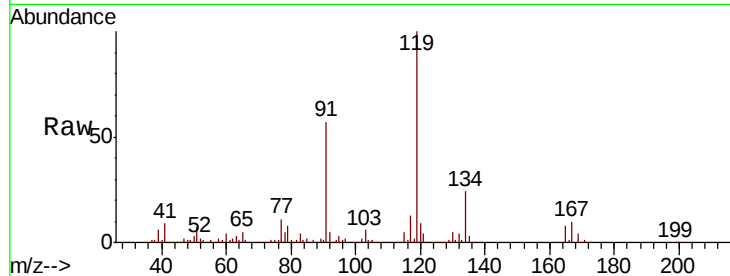




#83
tert-Butylbenzene
Concen: 48.509 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX010313.D
Acq: 14 Jun 2019 20:09

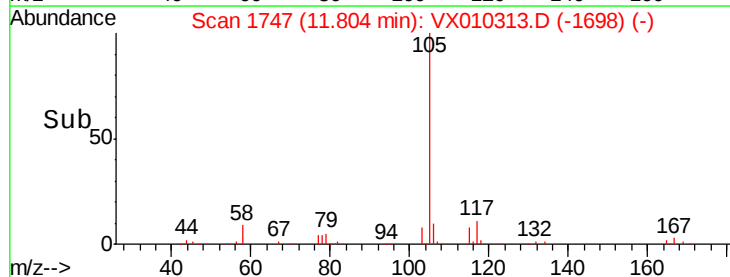
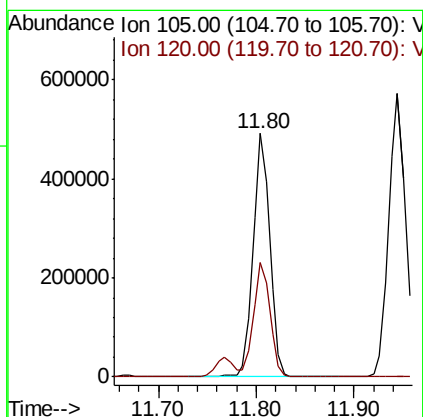
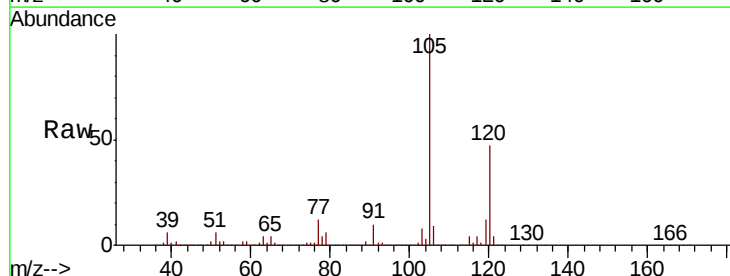
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

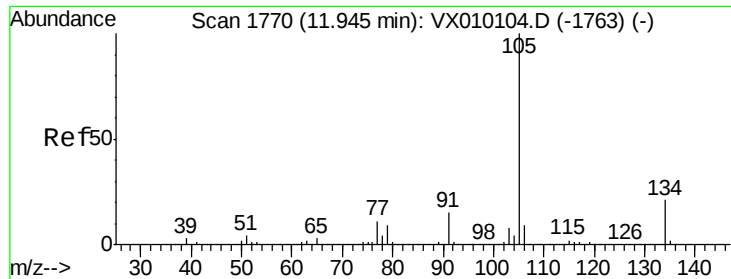
Tot Ion:119 Resp: 581141
Ion Ratio Lower Upper
119 100
91 54.4 30.0 90.0
134 23.4 11.2 33.5



#84
1,2,4-Trimethylbenzene
Concen: 48.651 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX010313.D
Acq: 14 Jun 2019 20:09

Tgt Ion:105 Resp: 581667
Ion Ratio Lower Upper
105 100
120 46.3 22.1 66.1





#85

sec-Butylbenzene

Concen: 48.922 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX010313.D

Acq: 14 Jun 2019 20:09

Instrument :

MSVOA_X

ClientSampleId :

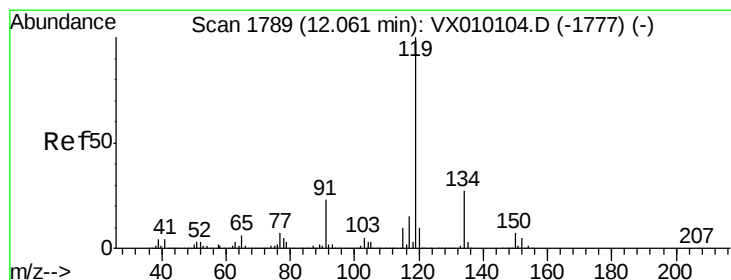
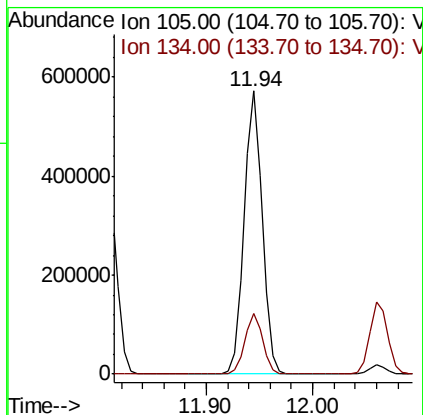
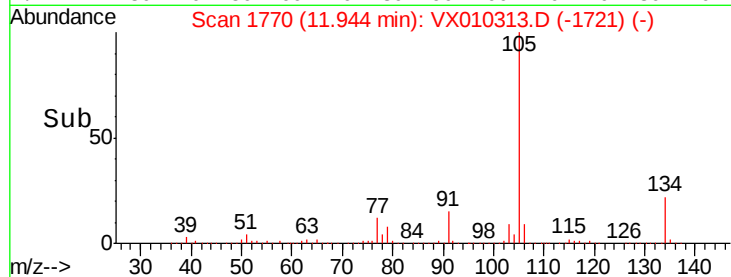
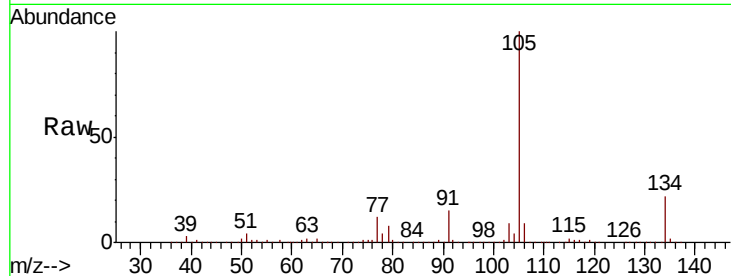
VSTDCCC050EC

Tot Ion:105 Resp: 682824

Ion Ratio Lower Upper

105 100

134 21.2 9.7 28.9



#86

p-Isopropyltoluene

Concen: 49.207 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX010313.D

Acq: 14 Jun 2019 20:09

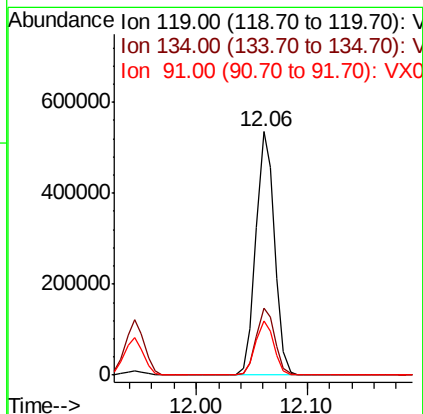
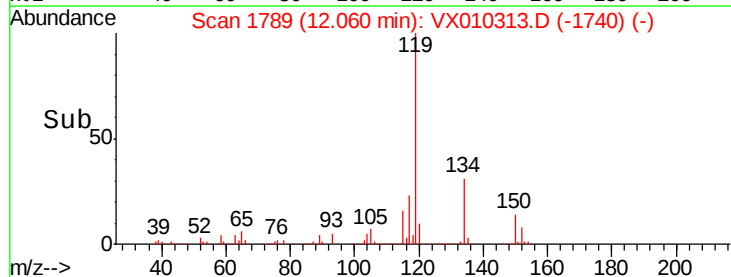
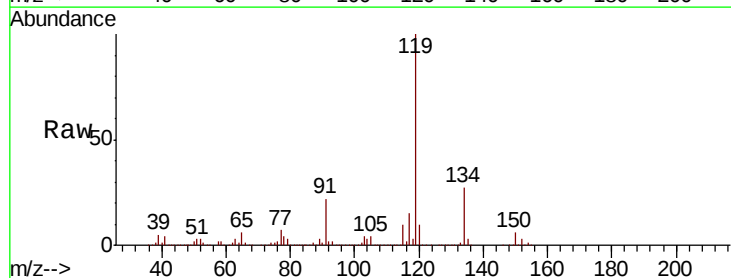
Tgt Ion:119 Resp: 627854

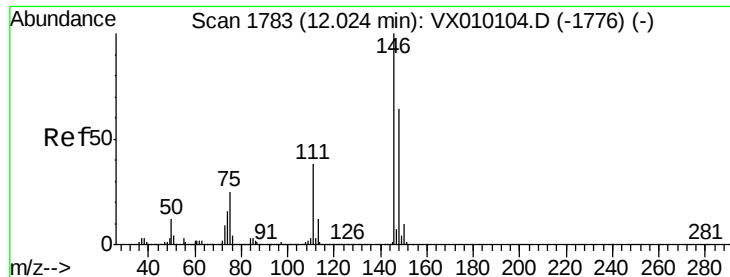
Ion Ratio Lower Upper

119 100

134 27.6 12.9 38.6

91 22.0 11.9 35.9

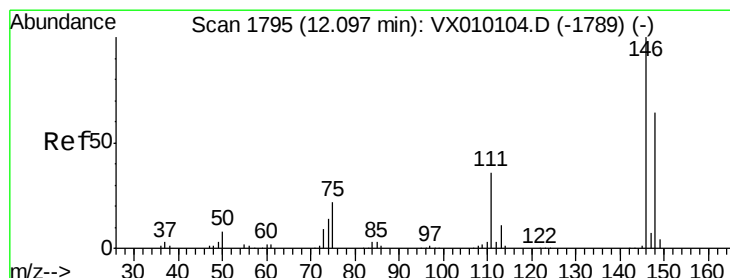
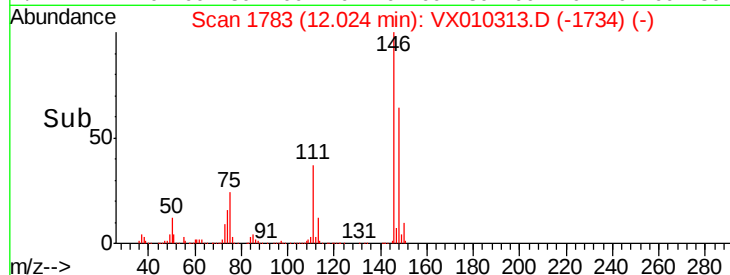
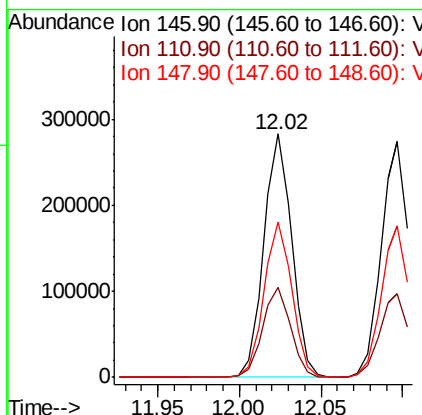
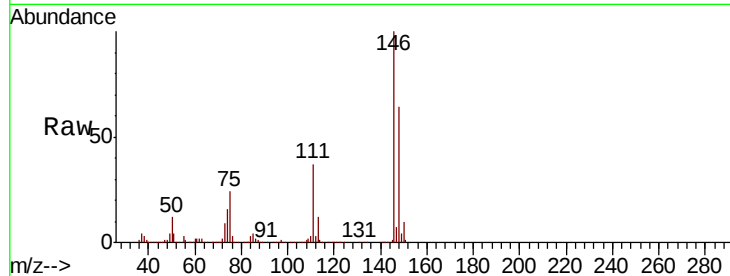




#87
 1,3-Dichlorobenzene
 Concen: 49.525 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX010313.D
 Acq: 14 Jun 2019 20:09

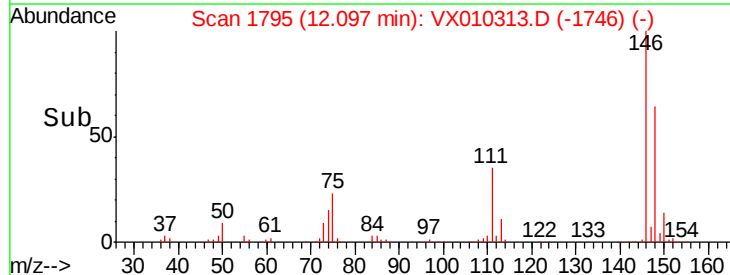
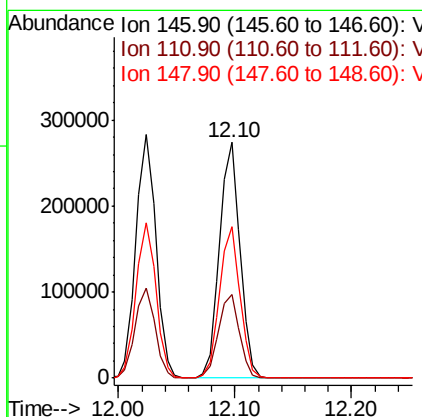
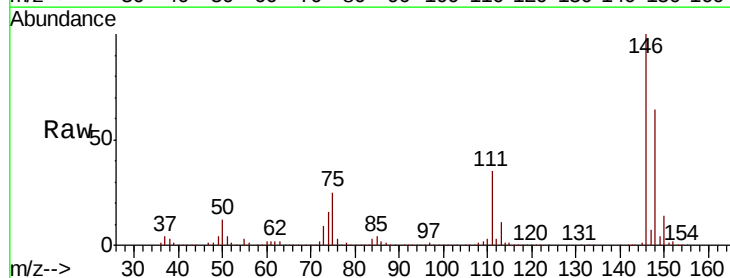
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

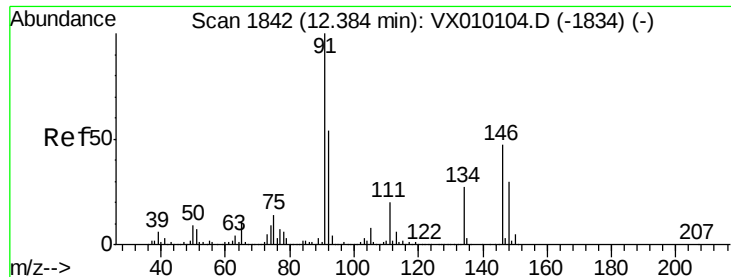
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.1	20.1	60.2
148	63.4	31.9	95.5



#88
 1,4-Dichlorobenzene
 Concen: 48.354 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX010313.D
 Acq: 14 Jun 2019 20:09

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.4	20.0	59.9
148	64.1	32.3	96.9

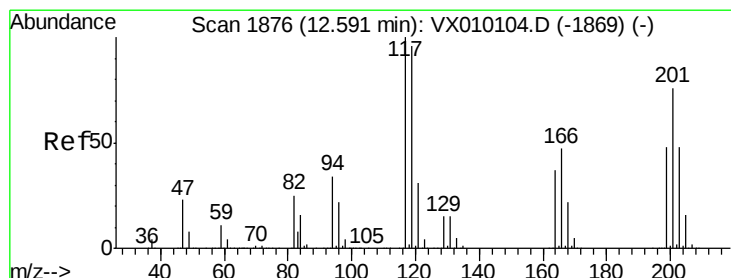
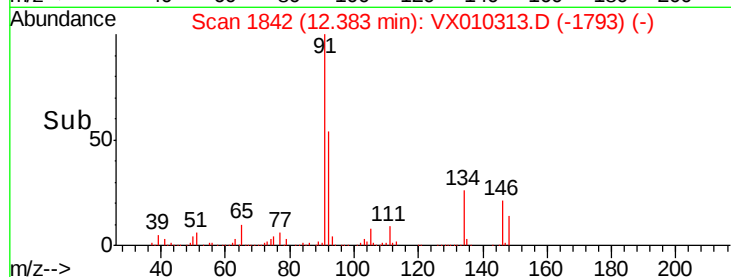
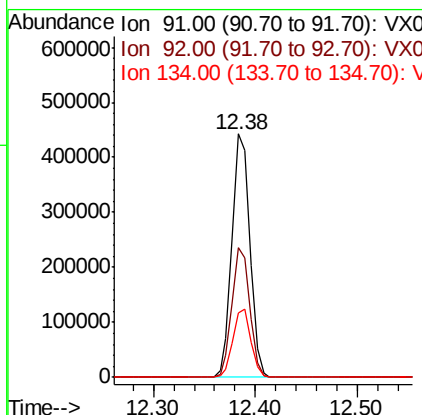
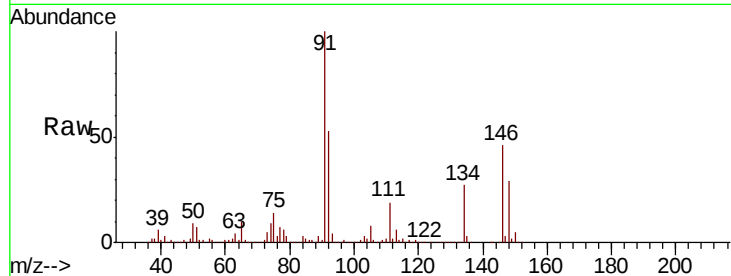




#89
n-Butylbenzene
Concen: 48.547 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX010313.D
Acq: 14 Jun 2019 20:09

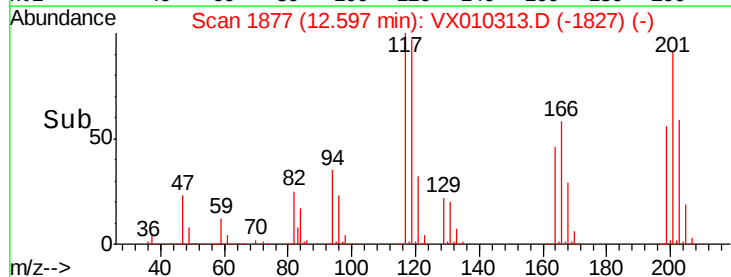
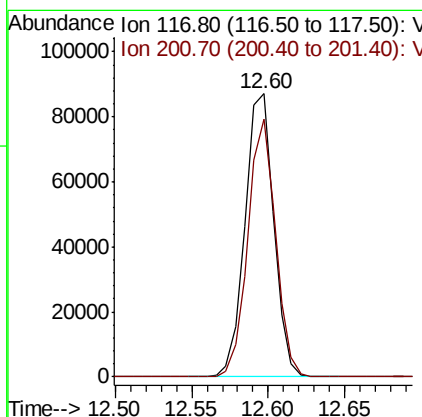
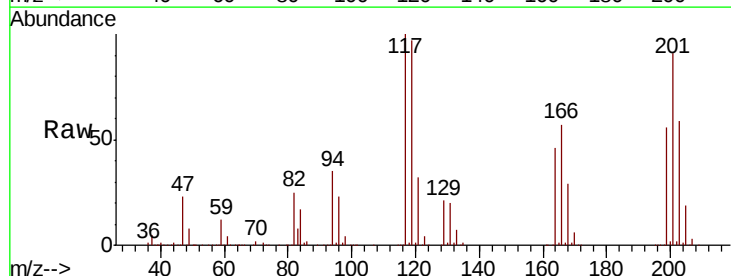
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

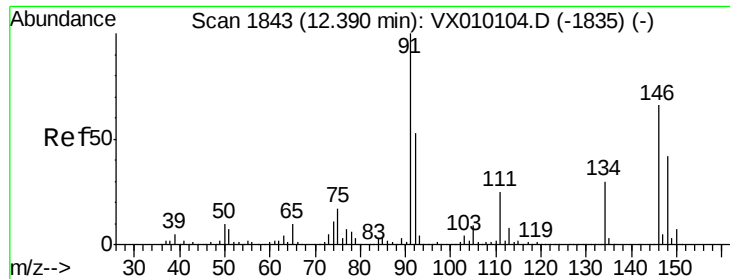
Tot Ion: 91 Resp: 533207
Ion Ratio Lower Upper
91 100
92 53.0 26.3 78.8
134 28.0 12.3 36.8



#90
Hexachloroethane
Concen: 44.784 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.01 min
Lab File: VX010313.D
Acq: 14 Jun 2019 20:09

Tgt Ion: 117 Resp: 113830
Ion Ratio Lower Upper
117 100
201 87.6 43.6 130.9

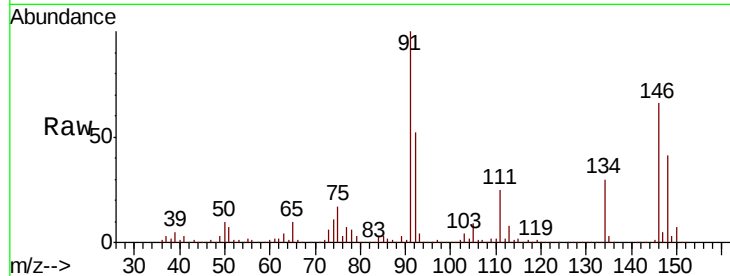




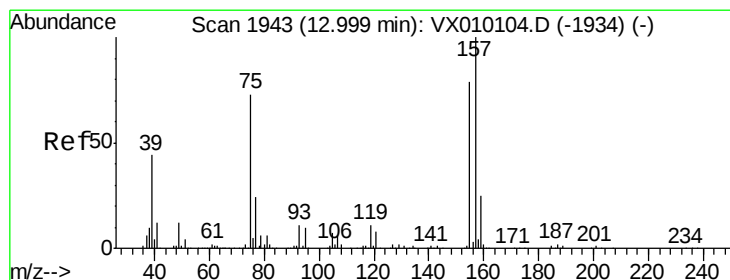
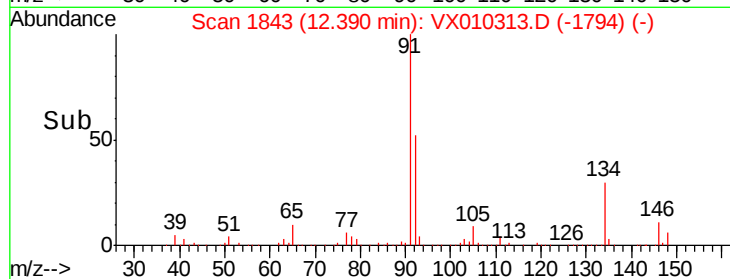
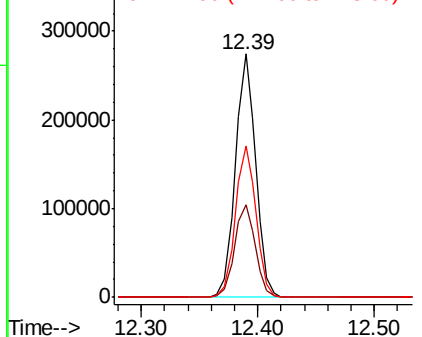
#91
 1,2-Dichlorobenzene
 Concen: 50.307 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX010313.D
 Acq: 14 Jun 2019 20:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:146 Resp: 332915
 Ion Ratio Lower Upper
 146 100
 111 38.9 21.1 63.1
 148 63.1 32.3 96.8

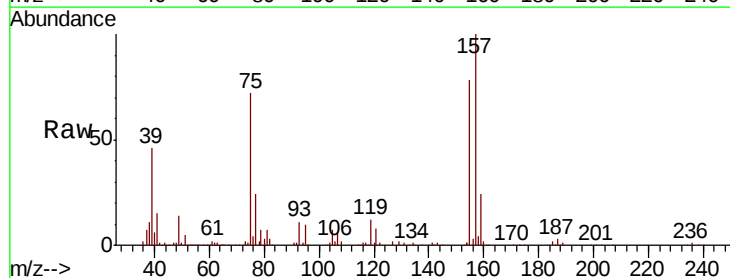


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

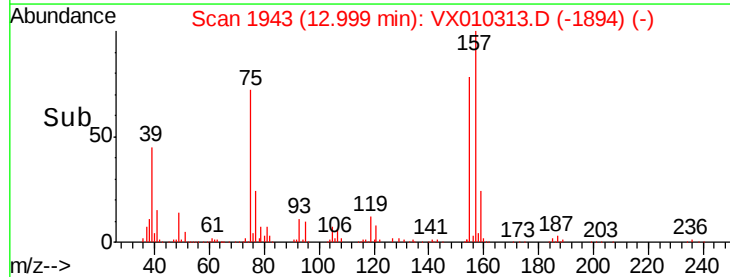
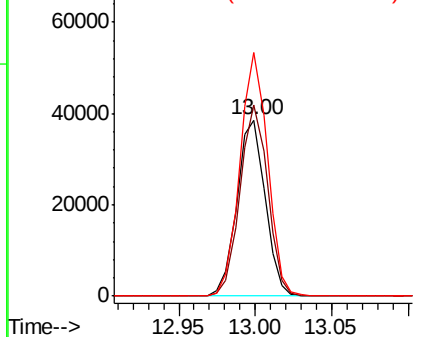


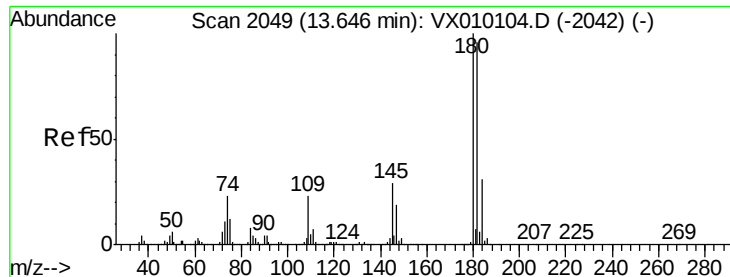
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 43.686 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX010313.D
 Acq: 14 Jun 2019 20:09

Tgt Ion: 75 Resp: 49452
 Ion Ratio Lower Upper
 75 100
 155 105.9 39.3 117.8
 157 134.8 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

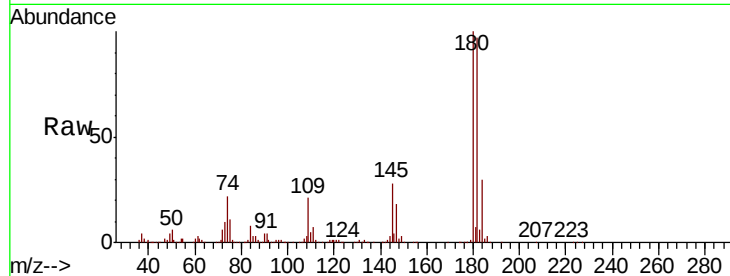




#93
 1,2,4-Trichlorobenzene
 Concen: 48.249 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX010313.D
 Acq: 14 Jun 2019 20:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.4	142.2
145	29.0	14.5	43.5

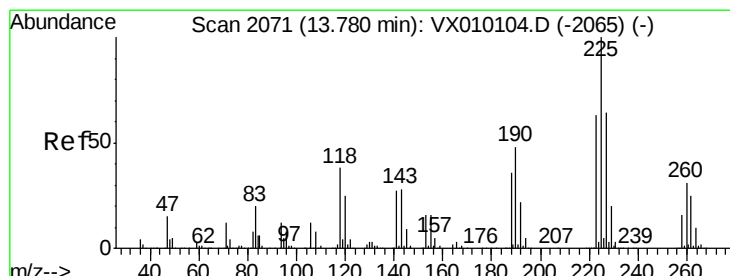
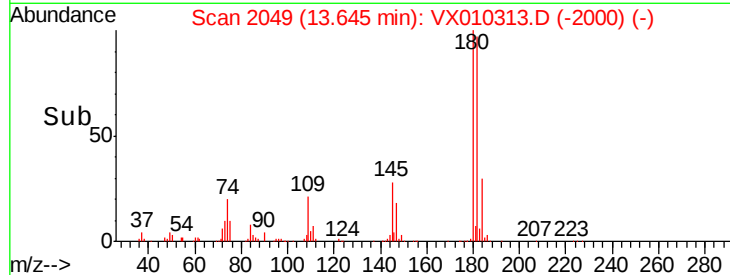
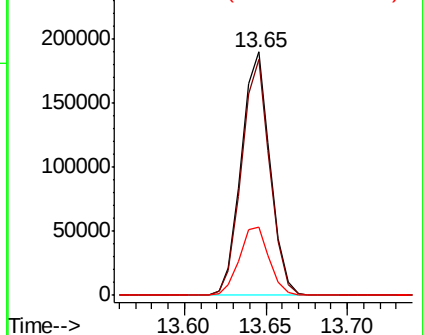


Abundance

Ion 179.80 (179.50 to 180.50): V

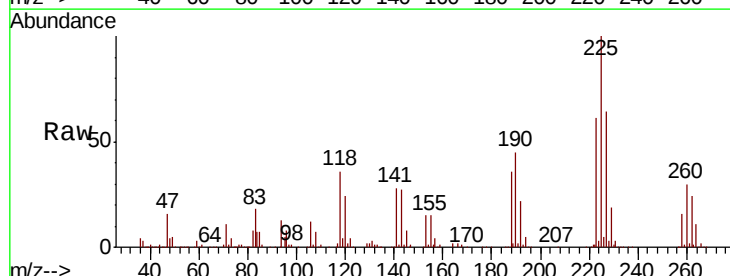
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 50.092 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX010313.D
 Acq: 14 Jun 2019 20:09

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	31.3	93.8
227	63.2	32.3	96.8

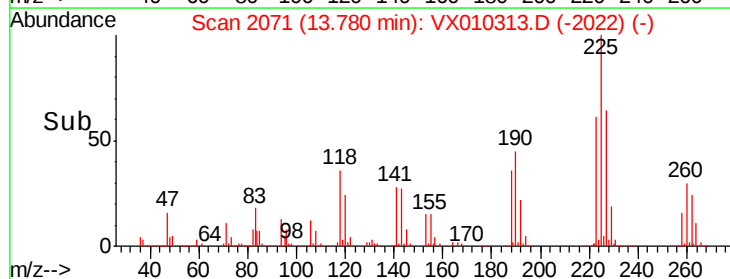
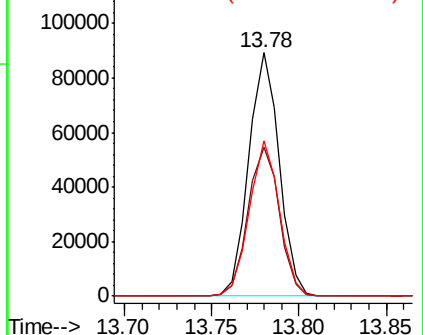


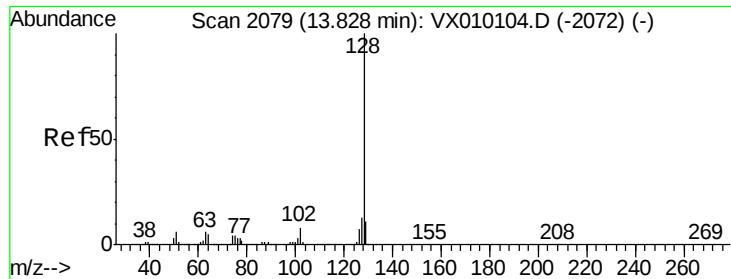
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

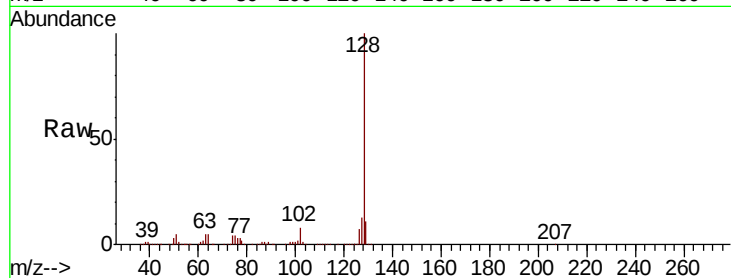




#95
Naphthalene
Concen: 48.460 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.01 min
Lab File: VX010313.D
Acq: 14 Jun 2019 20:09

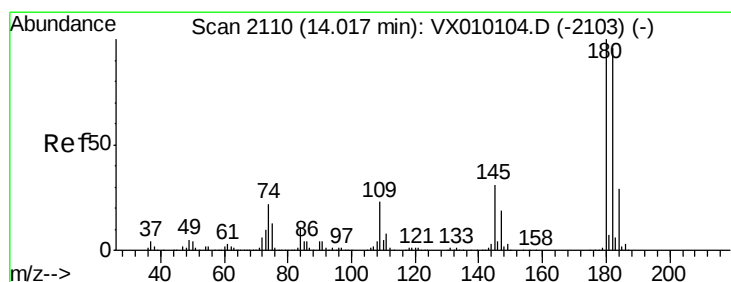
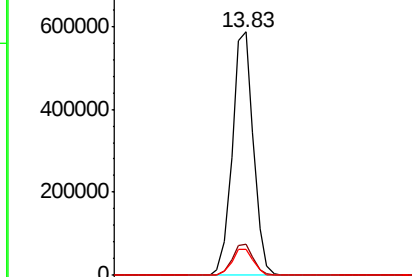
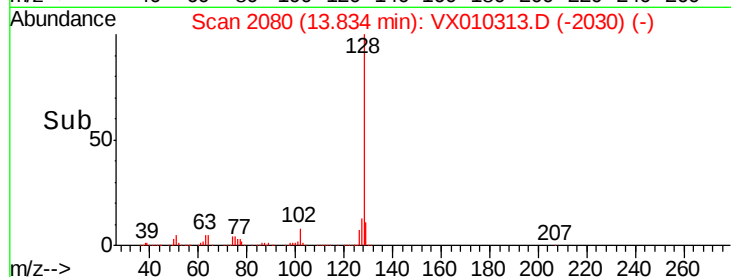
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 738951
Ion Ratio Lower Upper
128 100
127 12.9 10.6 16.0
129 11.0 8.8 13.2



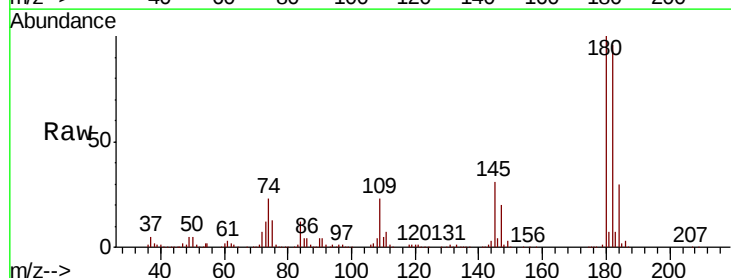
Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

13.83



#96
1,2,3-Trichlorobenzene
Concen: 48.312 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX010313.D
Acq: 14 Jun 2019 20:09

Tgt Ion:180 Resp: 231392
Ion Ratio Lower Upper
180 100
182 96.6 47.3 142.0
145 31.5 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

14.02

