

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101719\
 Data File : VX013121.D
 Acq On : 17 Oct 2019 20:37
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 18 08:07:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 07:26:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	150539	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	248067	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	222622	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	111073	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	95687	50.86	ug/l	0.00
Spiked Amount						
			Recovery	=	101.72%	
35) Dibromofluoromethane	5.49	113	78005	54.79	ug/l	0.00
Spiked Amount						
			Recovery	=	109.58%	
50) Toluene-d8	8.71	98	288400	51.94	ug/l	0.00
Spiked Amount						
			Recovery	=	103.88%	
62) 4-Bromofluorobenzene	11.14	95	114405	53.02	ug/l	0.00
Spiked Amount						
			Recovery	=	106.04%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	67849	44.216	ug/l	100
3) Chloromethane	1.32	50	70553	42.248	ug/l	100
4) Vinyl Chloride	1.40	62	74273	43.090	ug/l	99
5) Bromomethane	1.63	94	33821	47.202	ug/l	96
6) Chloroethane	1.71	64	47850	45.480	ug/l	97
7) Trichlorofluoromethane	1.92	101	117564	50.533	ug/l	96
8) Diethyl Ether	2.18	74	44530	47.420	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	73993	49.143	ug/l	97
10) Methyl Iodide	2.50	142	92799	53.956	ug/l	99
11) Tert butyl alcohol	3.04	59	113693	227.942	ug/l	98
12) 1,1-Dichloroethene	2.36	96	73347	48.214	ug/l	93
13) Acrolein	2.28	56	91029	256.809	ug/l	99
14) Allyl chloride	2.72	41	124136	45.821	ug/l	99
15) Acrylonitrile	3.13	53	228428	241.665	ug/l	99
16) Acetone	2.44	43	198115	199.761	ug/l	100
17) Carbon Disulfide	2.56	76	172745	39.824	ug/l	98
18) Methyl Acetate	2.76	43	111514	47.438	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	273637	52.087	ug/l	98
20) Methylene Chloride	2.84	84	86562	47.492	ug/l	93
21) trans-1,2-Dichloroethene	3.16	96	78243	47.986	ug/l	97
22) Diisopropyl ether	3.84	45	254227	48.972	ug/l	95
23) Vinyl Acetate	3.80	43	1099464	245.334	ug/l	100
24) 1,1-Dichloroethane	3.69	63	147454	50.490	ug/l	100
25) 2-Butanone	4.66	43	312385	227.035	ug/l	98
26) 2,2-Dichloropropane	4.57	77	114681	46.697	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	95176	50.640	ug/l	96
28) Bromochloromethane	5.00	49	45123	51.715	ug/l	93
29) Tetrahydrofuran	5.12	42	198117	233.987	ug/l	96
30) Chloroform	5.20	83	152837	51.002	ug/l	99
31) Cyclohexane	5.57	56	124118	45.450	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	134979	53.160	ug/l	98
36) 1,1-Dichloropropene	5.79	75	109171	50.055	ug/l	99
37) Ethyl Acetate	4.82	43	118130	48.438	ug/l	99
38) Carbon Tetrachloride	5.78	117	113260	53.352	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	129657	49.020	ug/l	98
40) Benzene	6.13	78	331367	51.441	ug/l	98
41) Methacrylonitrile	5.03	41	66145	49.359	ug/l	98
42) 1,2-Dichloroethane	6.18	62	121609	52.611	ug/l	99
43) Isopropyl Acetate	6.43	43	196441	50.185	ug/l	98
44) Trichloroethene	7.20	130	90089	50.434	ug/l	92
45) 1,2-Dichloropropane	7.51	63	86355	52.599	ug/l	98
46) Dibromomethane	7.65	93	59523	54.417	ug/l	98
47) Bromodichloromethane	7.89	83	117319	54.959	ug/l	99
48) Methyl methacrylate	7.76	41	95394	50.010	ug/l	97
49) 1,4-Dioxane	7.73	88	47487	930.217	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	617326	252.950	ug/l	98
52) Toluene	8.78	92	213717	51.859	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	127661	48.012	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	141135	53.757	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	88788	54.441	ug/l	98
56) Ethyl methacrylate	9.17	69	143608	49.204	ug/l	97
57) 1,3-Dichloropropane	9.37	76	148267	52.555	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	316682	264.322	ug/l	98
59) 2-Hexanone	9.48	43	479146	252.211	ug/l	97
60) Dibromochloromethane	9.58	129	93718	51.577	ug/l	98
61) 1,2-Dibromoethane	9.67	107	93945	54.758	ug/l	98
64) Tetrachloroethene	9.33	164	83575	54.125	ug/l	95
65) Chlorobenzene	10.14	112	230831	52.213	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	87921	57.358	ug/l	99
67) Ethyl Benzene	10.25	91	419776	53.455	ug/l	99
68) m/p-Xylenes	10.35	106	310893	105.974	ug/l	100
69) o-Xylene	10.70	106	152616	53.346	ug/l	99
70) Styrene	10.71	104	269650	55.444	ug/l	99
71) Bromoform	10.85	173	65431	50.101	ug/l #	97
73) Isopropylbenzene	11.01	105	405390	49.642	ug/l	98
74) N-amyl acetate	10.89	43	171773	48.840	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	138162	50.867	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	159972	64.935	ug/l	78
77) Bromobenzene	11.25	156	97896	50.872	ug/l	99
78) n-propylbenzene	11.35	91	439651	48.926	ug/l	100
79) 2-Chlorotoluene	11.42	91	284265	50.336	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	350838	51.451	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	43787	46.056	ug/l	94
82) 4-Chlorotoluene	11.51	91	326658	50.465	ug/l	100
83) tert-Butylbenzene	11.76	119	333406	50.123	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	351653	50.920	ug/l	97
85) sec-Butylbenzene	11.94	105	394561	51.200	ug/l	99
86) p-Isopropyltoluene	12.06	119	364091	50.942	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	181188	50.702	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	178891	49.428	ug/l	98
89) n-Butylbenzene	12.39	91	309150	51.466	ug/l	99
90) Hexachloroethane	12.59	117	64059	48.460	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	185346	52.905	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.99	75	32311	50.755	ug/l	97

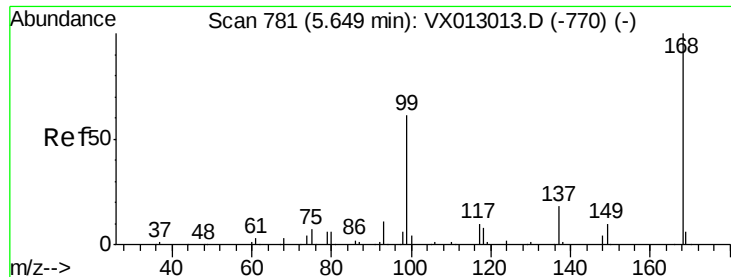
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	110575	50.385	ug/l	98
94) Hexachlorobutadiene	13.78	225	52529	51.864	ug/l	100
95) Naphthalene	13.83	128	379248	49.851	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	114022	50.277	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX013121.D

Acq: 17 Oct 2019 20:37

Instrument :

MSVOA_X

ClientSampleId :

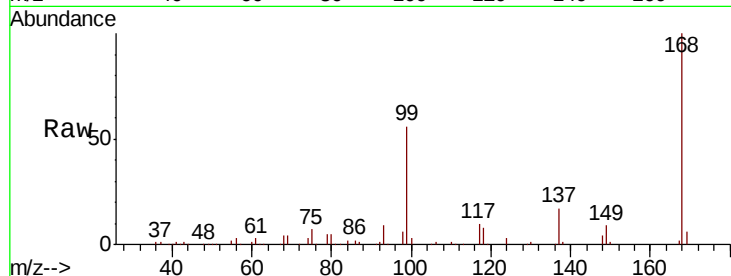
VSTDCCC050EC

Tot Ion:168 Resp: 150539

Ion Ratio Lower Upper

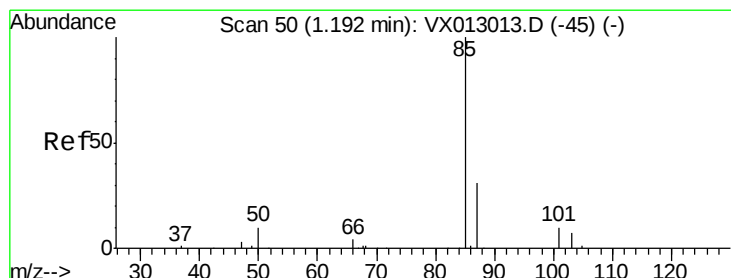
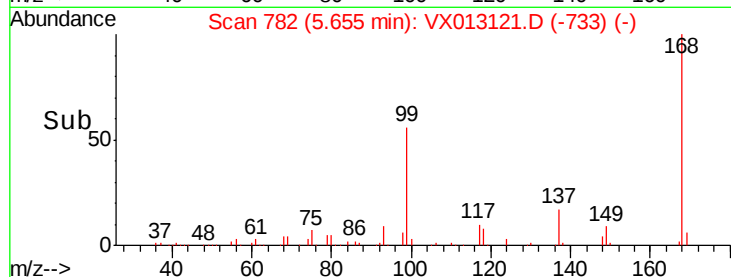
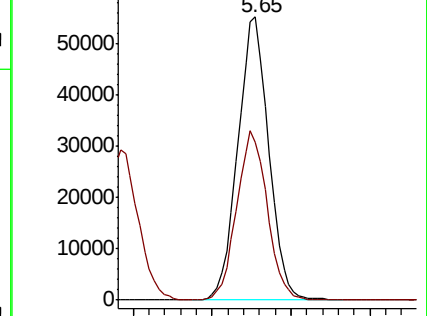
168 100

99 55.8 49.4 74.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 44.216 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX013121.D

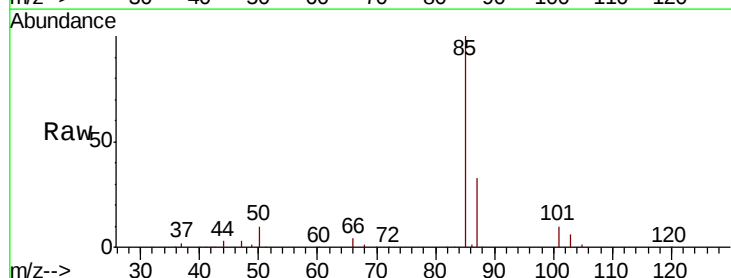
Acq: 17 Oct 2019 20:37

Tgt Ion: 85 Resp: 67849

Ion Ratio Lower Upper

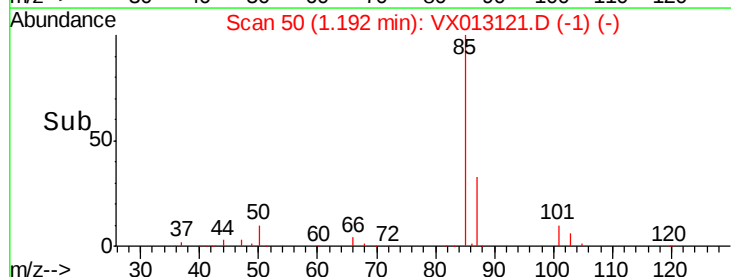
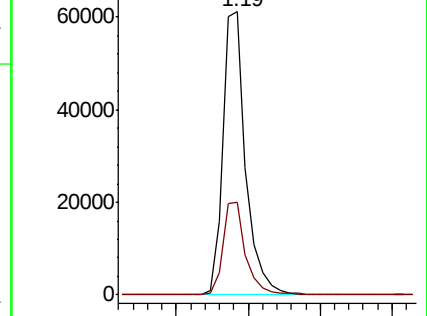
85 100

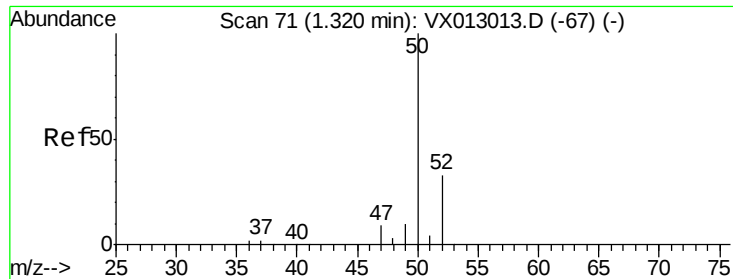
87 32.7 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 42.248 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX013121.D

Acq: 17 Oct 2019 20:37

Instrument :

MSVOA_X

ClientSampleId :

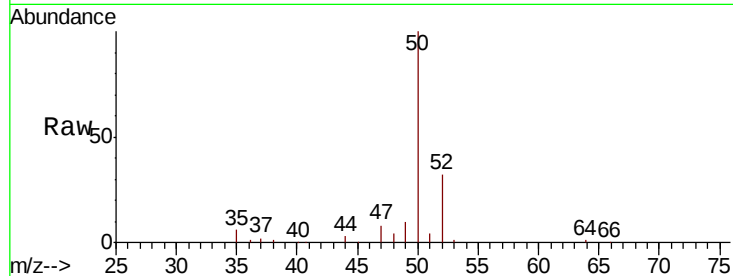
VSTDCCC050EC

Tot Ion: 50 Resp: 70553

Ion Ratio Lower Upper

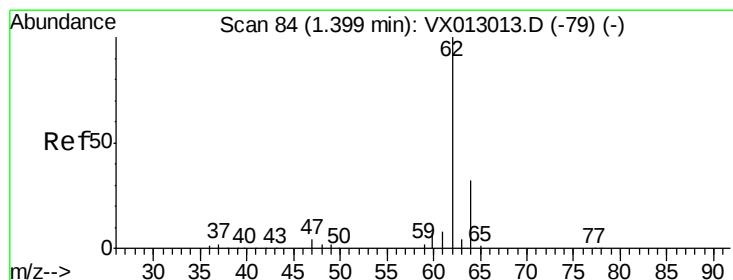
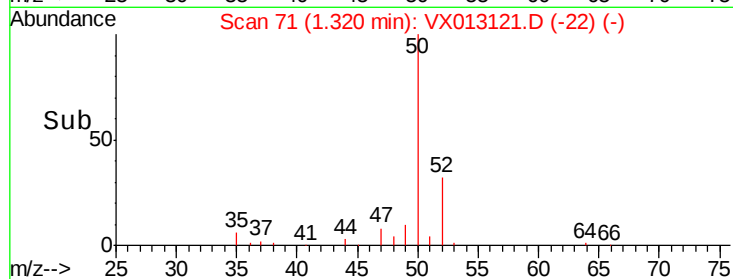
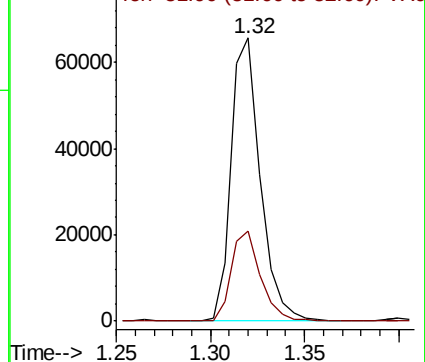
50 100

52 31.8 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 43.090 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013121.D

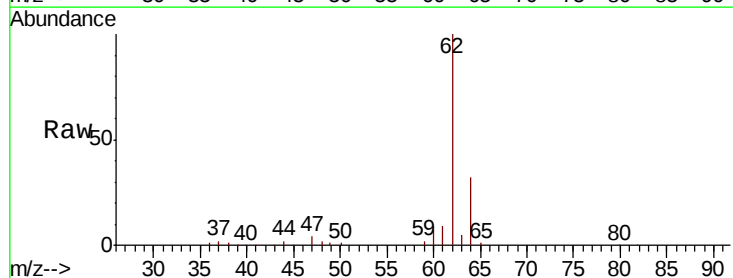
Acq: 17 Oct 2019 20:37

Tgt Ion: 62 Resp: 74273

Ion Ratio Lower Upper

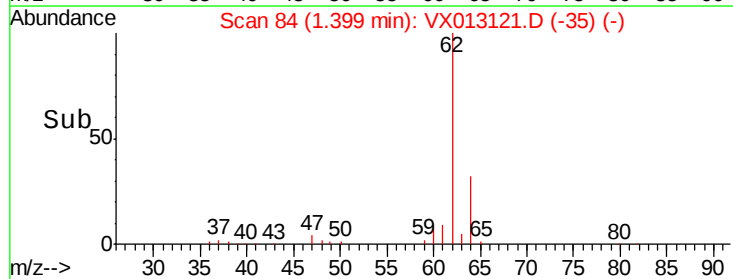
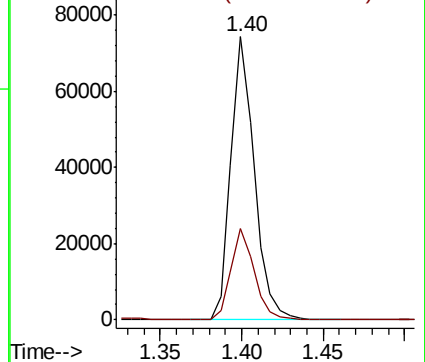
62 100

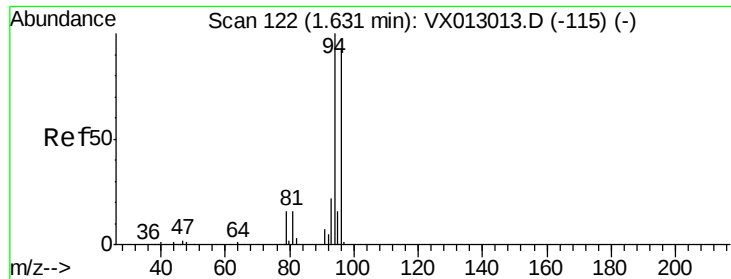
64 32.3 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 47.202 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX013121.D

Acq: 17 Oct 2019 20:37

Instrument :

MSVOA_X

ClientSampleId :

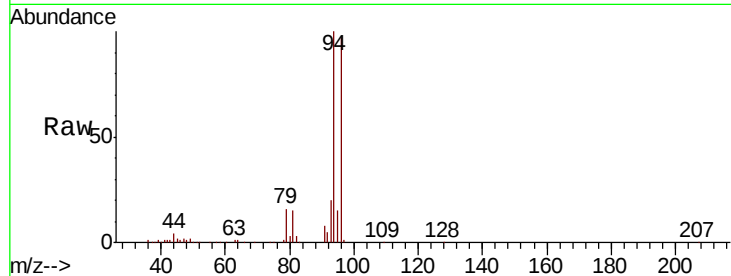
VSTDCCC050EC

Tot Ion: 94 Resp: 33821

Ion Ratio Lower Upper

94 100

96 96.8 74.7 112.1



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

30000

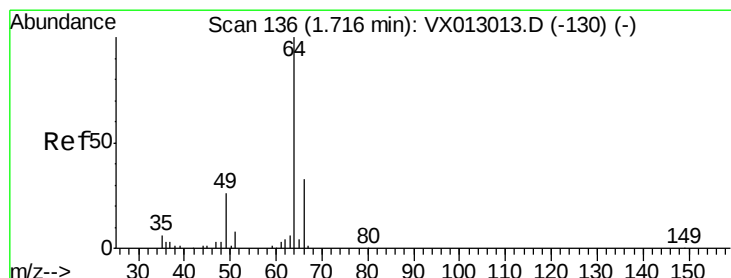
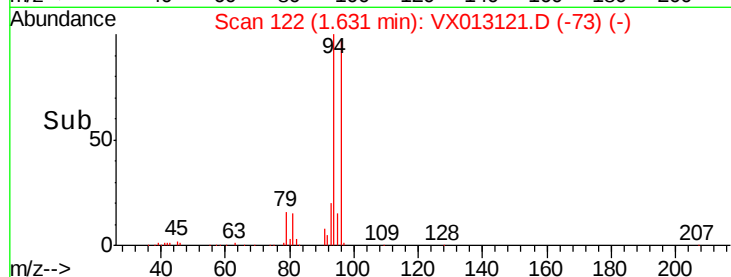
20000

10000

0

Time-->

1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 45.480 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX013121.D

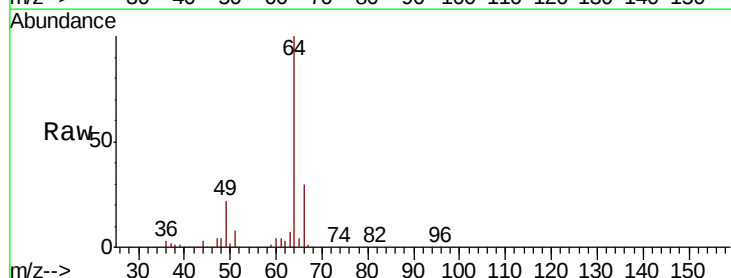
Acq: 17 Oct 2019 20:37

Tgt Ion: 64 Resp: 47850

Ion Ratio Lower Upper

64 100

66 30.3 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

40000

30000

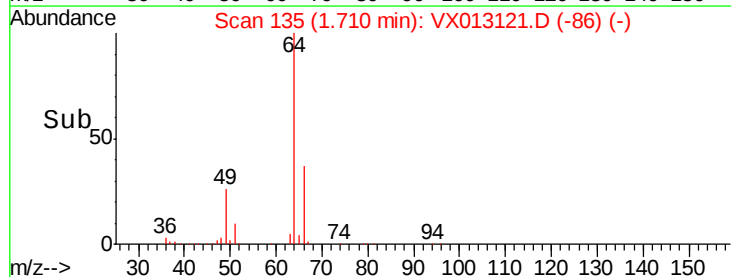
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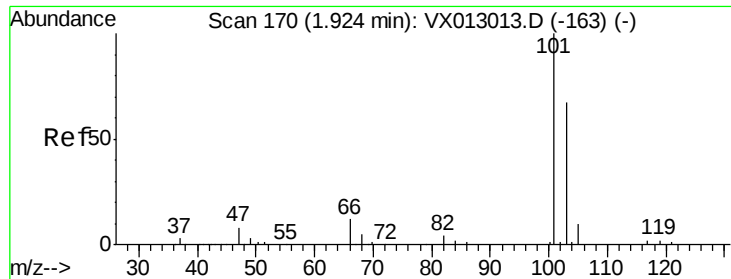
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Time-->

1.60 1.65 1.70 1.75 1.80



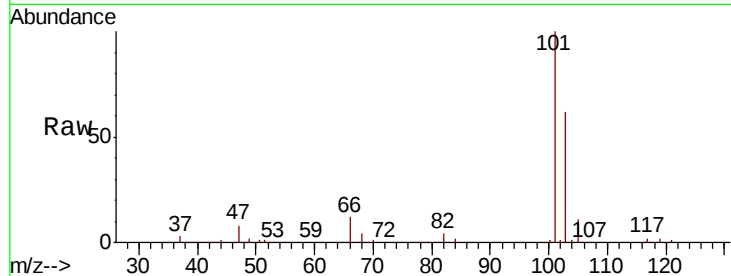


#7

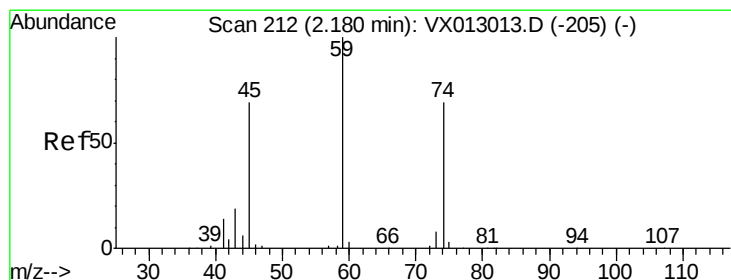
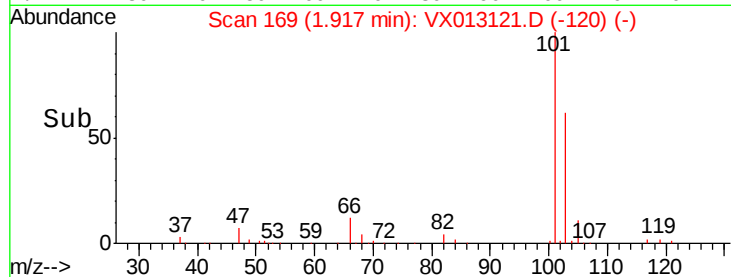
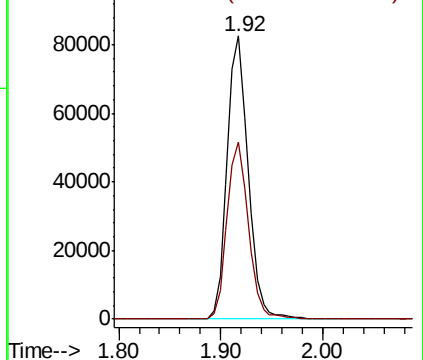
Trichlorofluoromethane
Concen: 50.533 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX013121.D
Acq: 17 Oct 2019 20:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:101 Resp: 117564
Ion Ratio Lower Upper
101 100
103 62.4 52.5 78.7



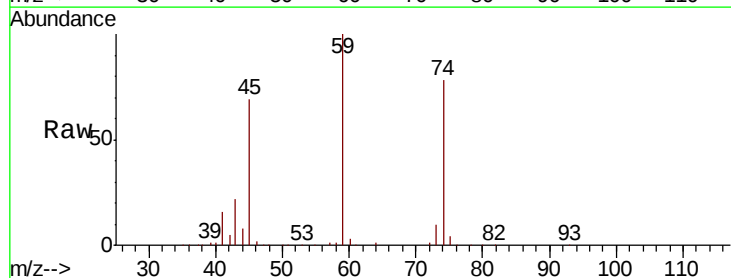
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



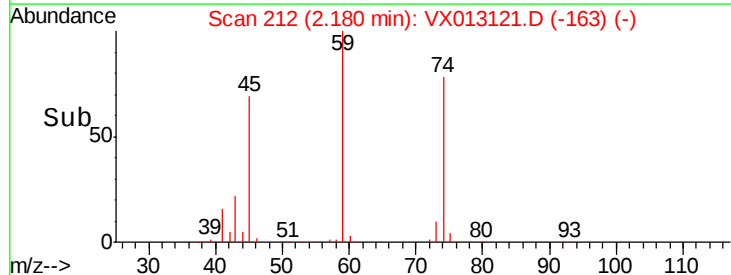
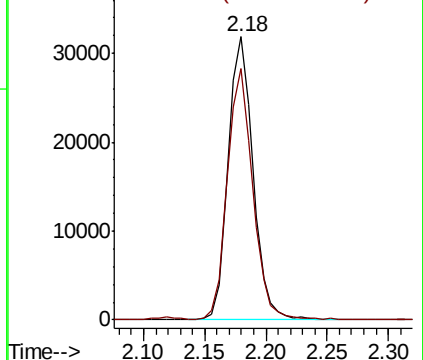
#8

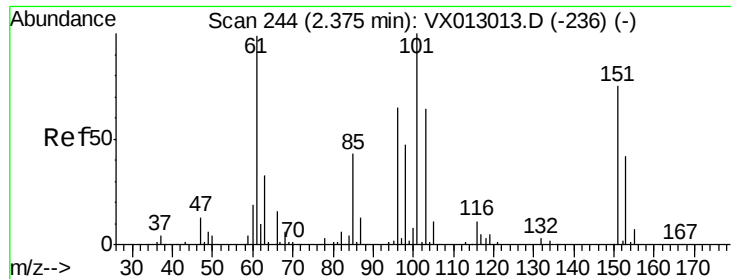
Diethyl Ether
Concen: 47.420 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX013121.D
Acq: 17 Oct 2019 20:37

Tgt Ion: 74 Resp: 44530
Ion Ratio Lower Upper
74 100
45 90.3 47.8 143.4



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.143 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.01 min

Lab File: VX013121.D

Acq: 17 Oct 2019 20:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

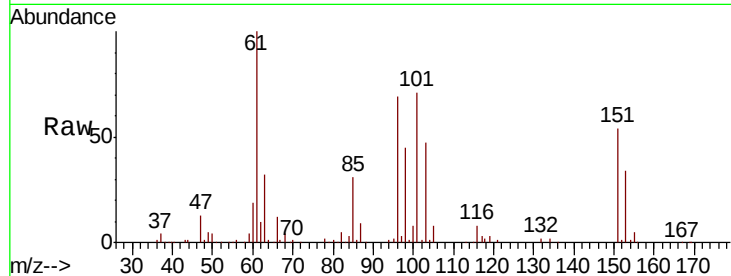
Tot Ion:101 Resp: 73993

Ion Ratio Lower Upper

101 100

85 43.3 35.2 52.8

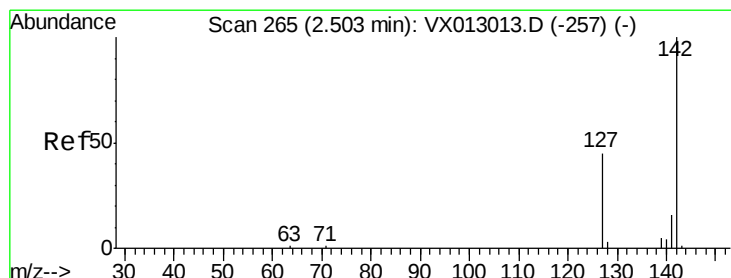
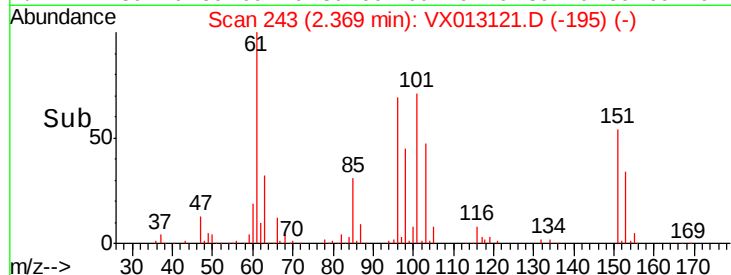
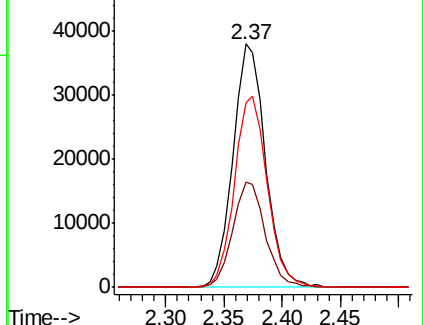
151 79.5 60.3 90.5



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: 53.956 ug/l

RT: 2.50 min Scan# 264

Delta R.T. -0.01 min

Lab File: VX013121.D

Acq: 17 Oct 2019 20:37

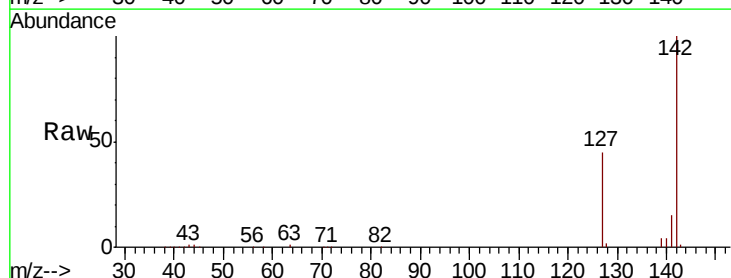
Tgt Ion:142 Resp: 92799

Ion Ratio Lower Upper

142 100

127 44.1 34.9 52.3

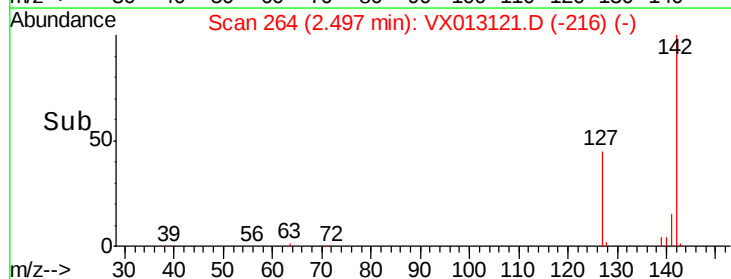
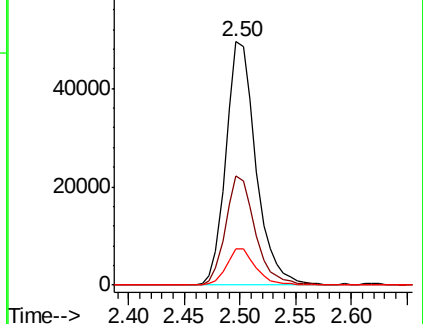
141 14.6 11.6 17.4

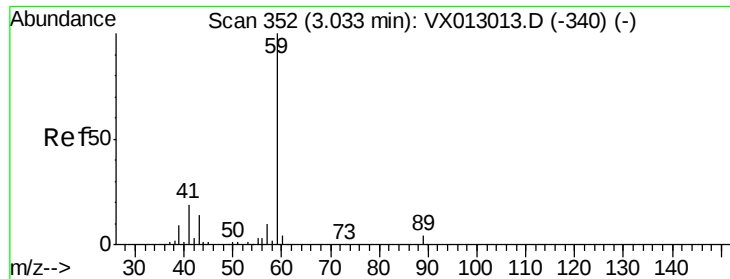


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

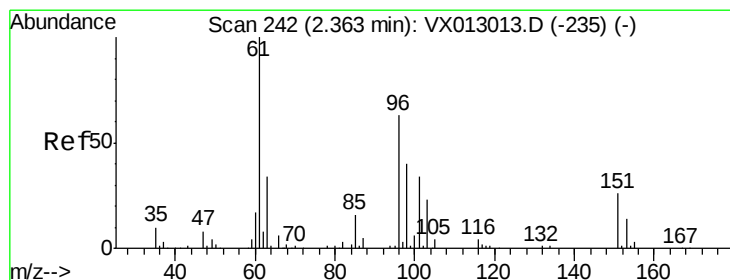
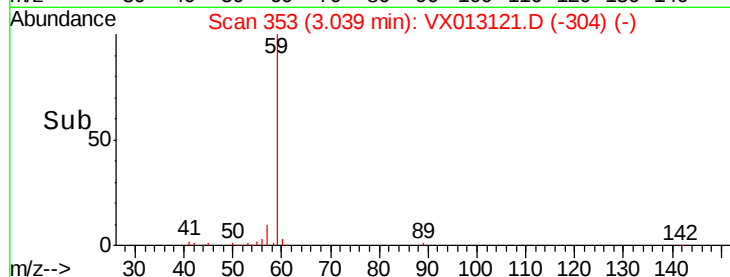
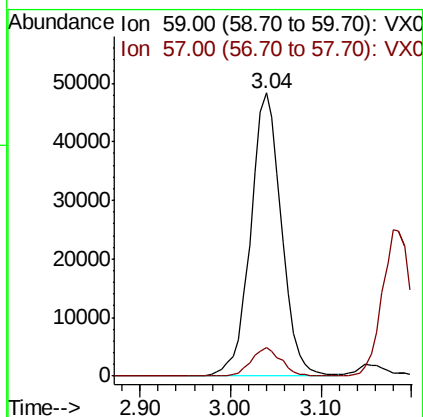
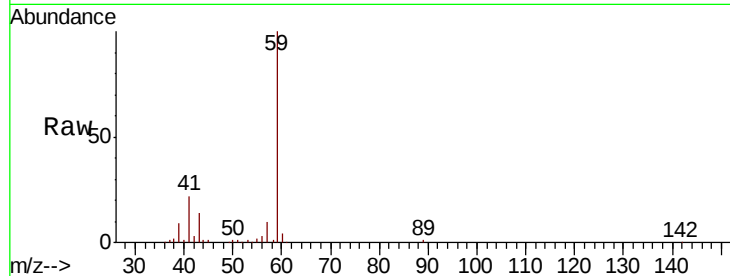




#11
Tert butyl alcohol
Concen: 227.942 ug/l
RT: 3.04 min Scan# 353
Delta R.T. 0.00 min
Lab File: VX013121.D
Acq: 17 Oct 2019 20:37

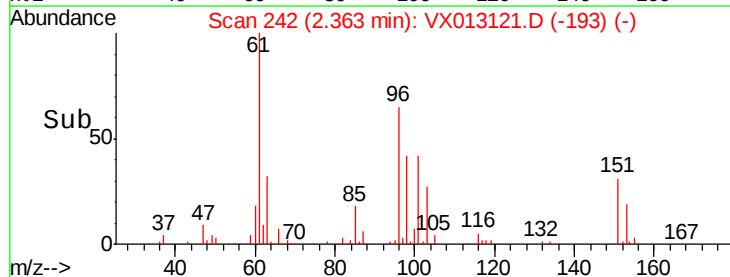
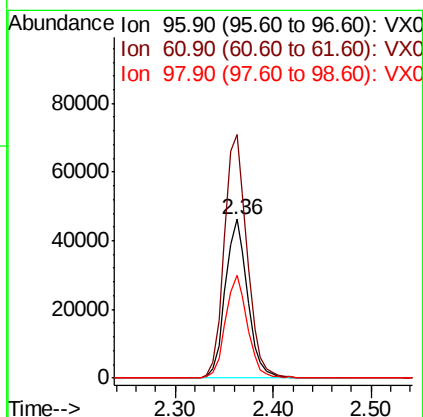
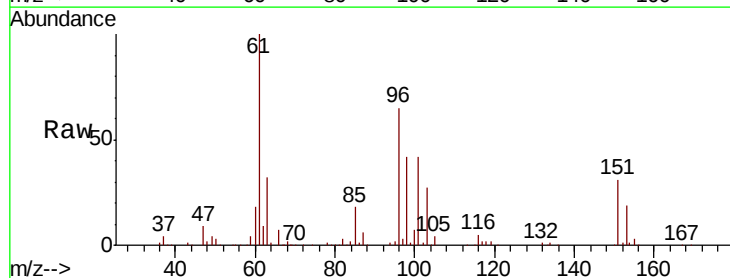
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

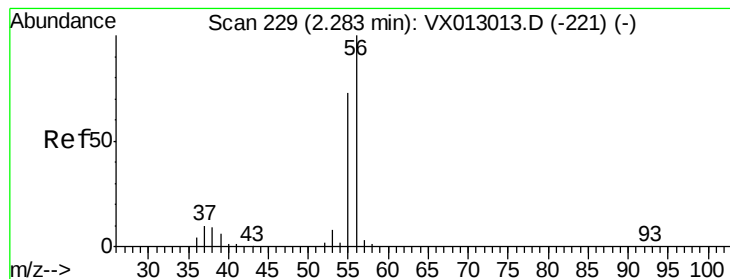
Tot Ion: 59 Resp: 113693
Ion Ratio Lower Upper
59 100
57 9.7 8.3 12.5



#12
1,1-Dichloroethene
Concen: 48.214 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX013121.D
Acq: 17 Oct 2019 20:37

Tgt Ion: 96 Resp: 73347
Ion Ratio Lower Upper
96 100
61 153.5 132.2 198.4
98 64.5 50.5 75.7





#13

Acrolein

Concen: 256.809 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013121.D

Acq: 17 Oct 2019 20:37

Instrument :

MSVOA_X

ClientSampleId :

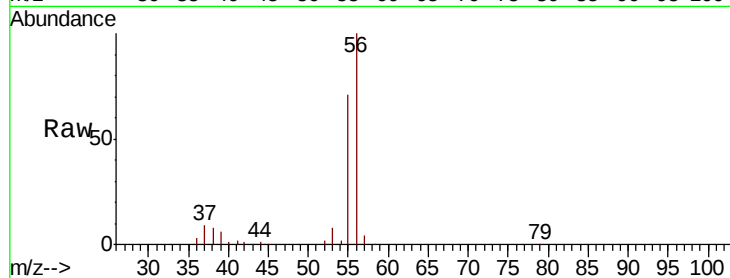
VSTDCCC050EC

Tot Ion: 56 Resp: 91029

Ion Ratio Lower Upper

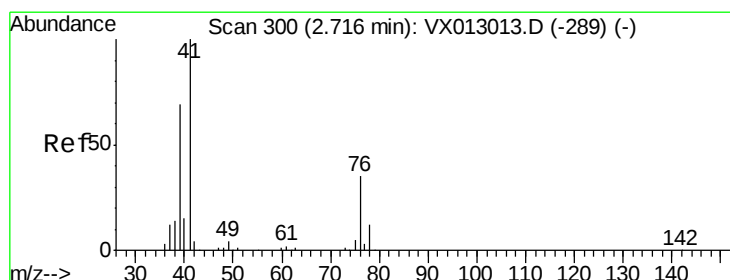
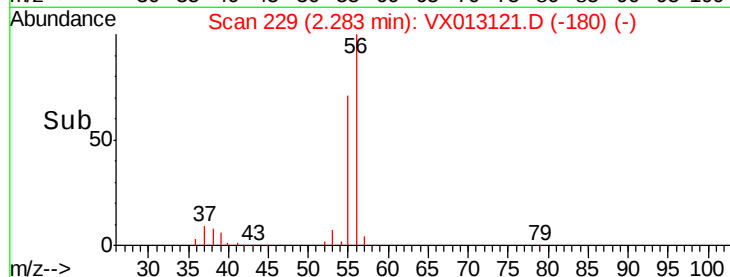
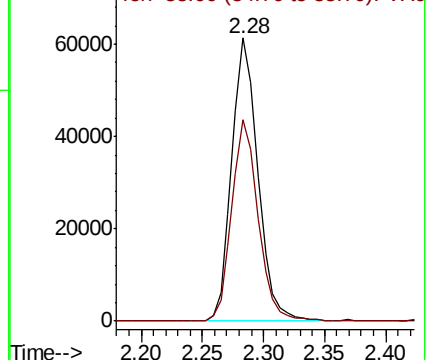
56 100

55 71.6 56.6 85.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 45.821 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX013121.D

Acq: 17 Oct 2019 20:37

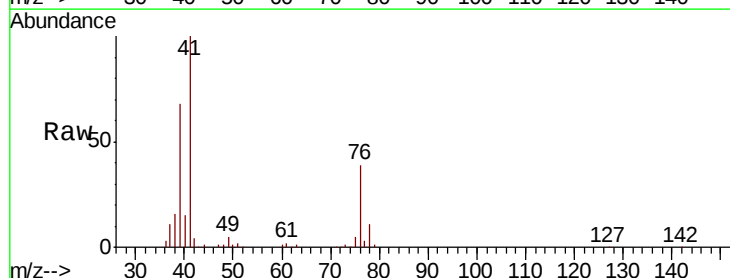
Tgt Ion: 41 Resp: 124136

Ion Ratio Lower Upper

41 100

39 64.0 51.0 76.6

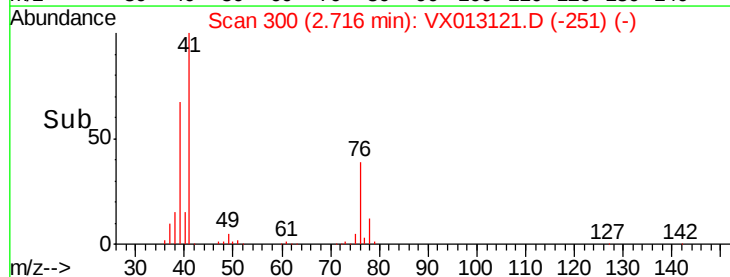
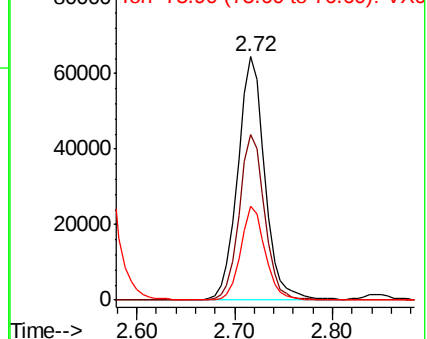
76 35.0 26.2 39.4

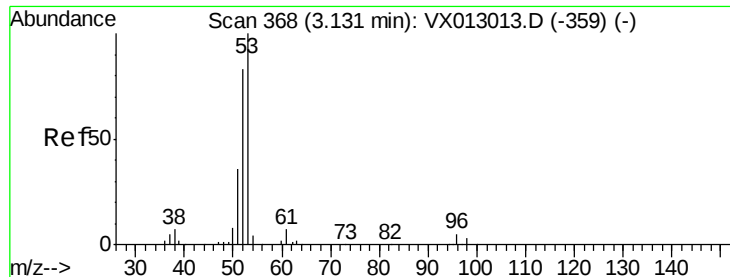


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 241.665 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.01 min

Lab File: VX013121.D

Acq: 17 Oct 2019 20:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

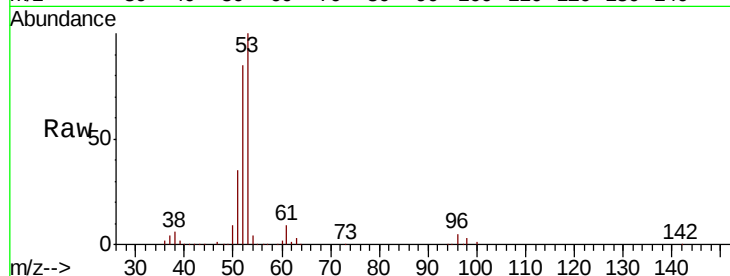
Tot Ion: 53 Resp: 228428

Ion Ratio Lower Upper

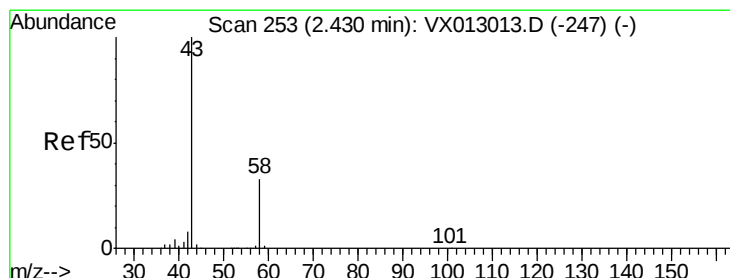
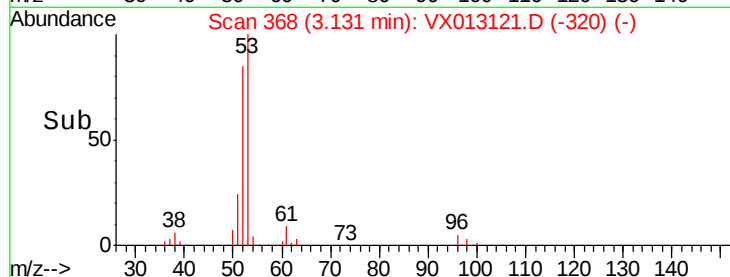
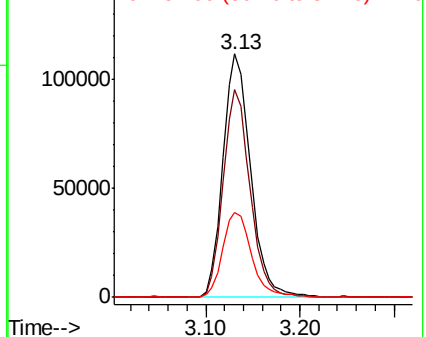
53 100

52 83.0 66.2 99.2

51 36.5 28.2 42.4



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: 199.761 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX013121.D

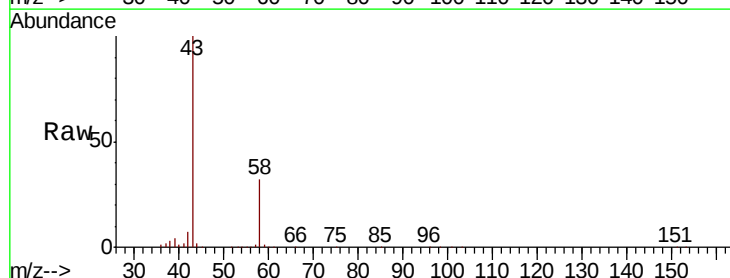
Acq: 17 Oct 2019 20:37

Tgt Ion: 43 Resp: 198115

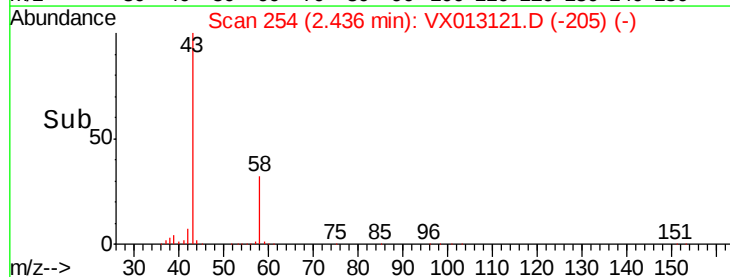
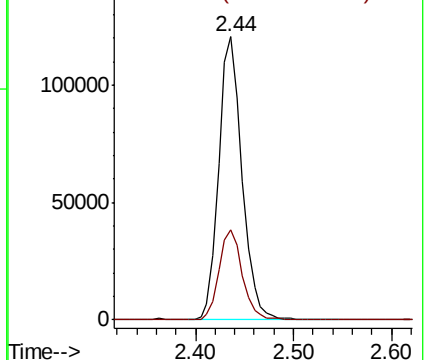
Ion Ratio Lower Upper

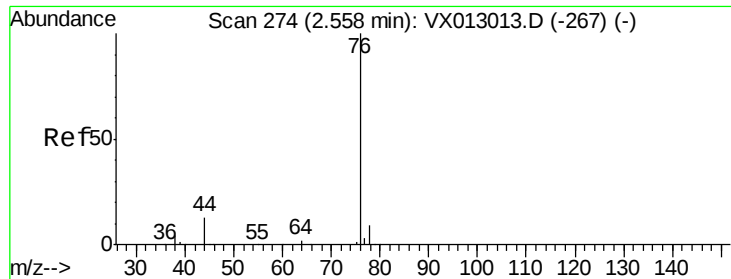
43 100

58 31.9 25.4 38.2



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

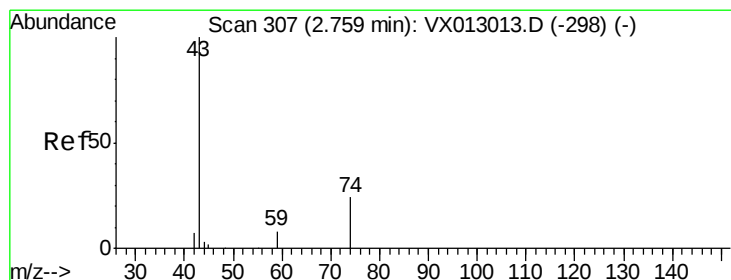
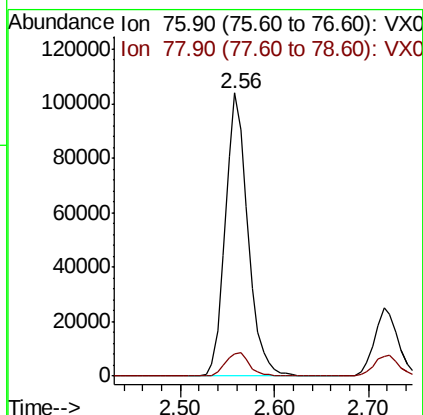
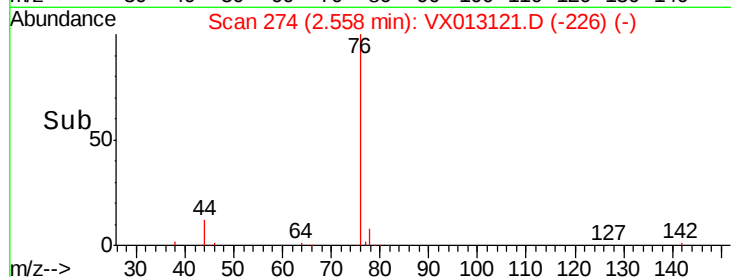
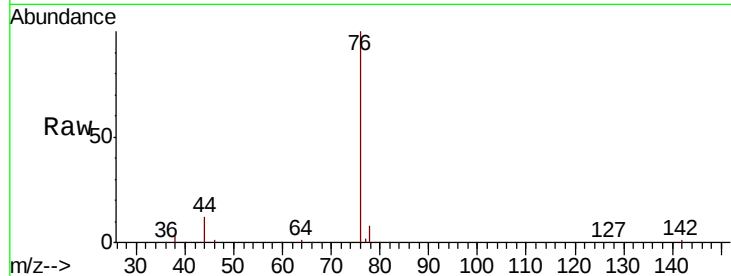




#17
Carbon Disulfide
Concen: 39.824 ug/l
RT: 2.56 min Scan# 274
Delta R.T. -0.01 min
Lab File: VX013121.D
Acq: 17 Oct 2019 20:37

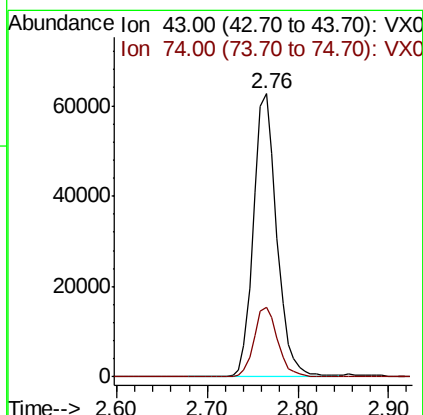
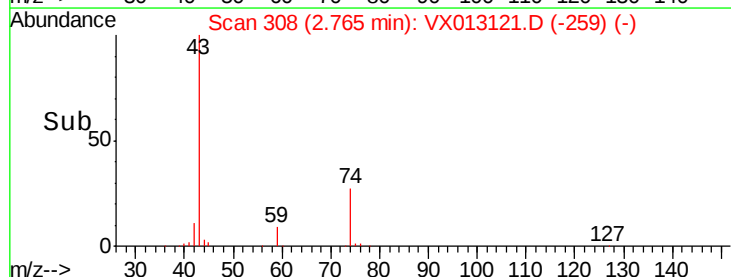
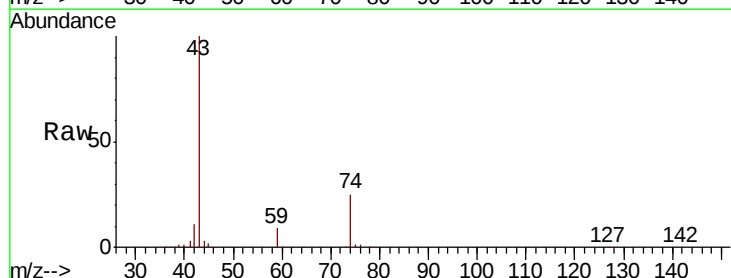
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

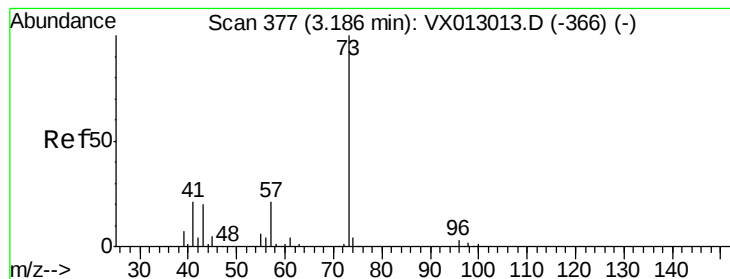
Tot Ion: 76 Resp: 172745
Ion Ratio Lower Upper
76 100
78 8.0 7.1 10.7



#18
Methyl Acetate
Concen: 47.438 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX013121.D
Acq: 17 Oct 2019 20:37

Tgt Ion: 43 Resp: 111514
Ion Ratio Lower Upper
43 100
74 25.0 19.2 28.8



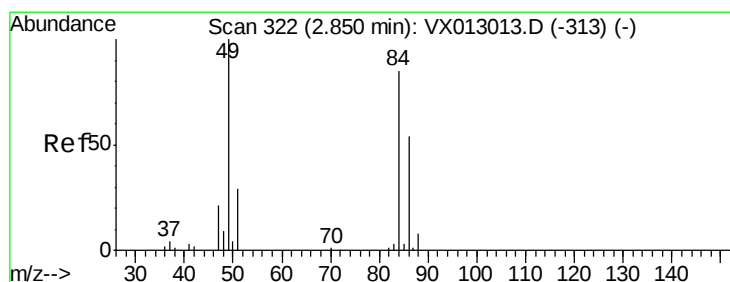
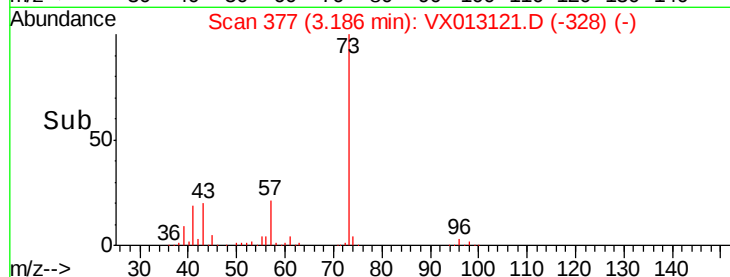
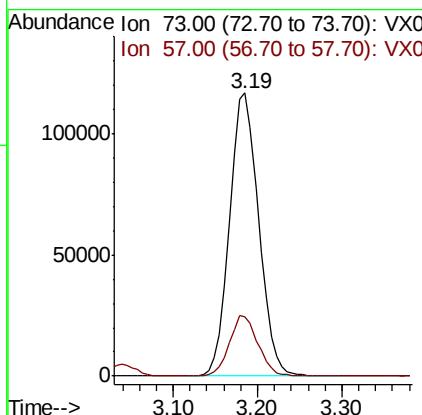
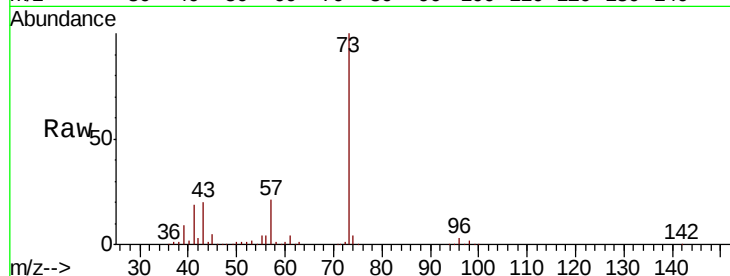


#19

Methyl tert-butyl Ether
 Concen: 52.087 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. 0.00 min
 Lab File: VX013121.D
 Acq: 17 Oct 2019 20:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

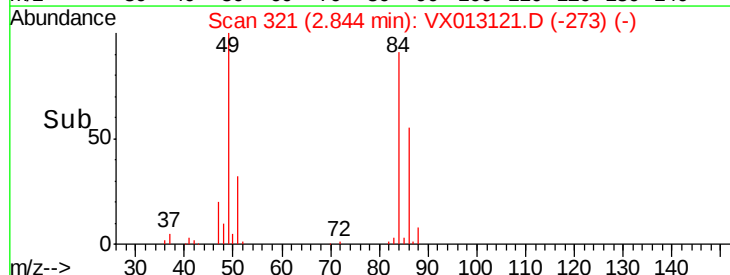
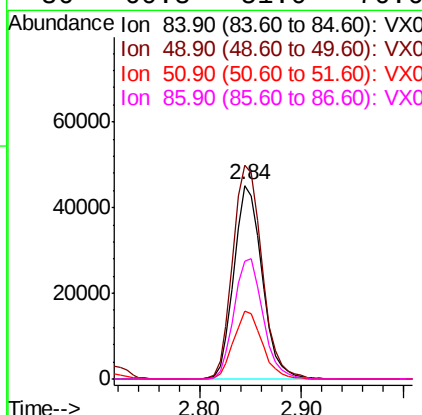
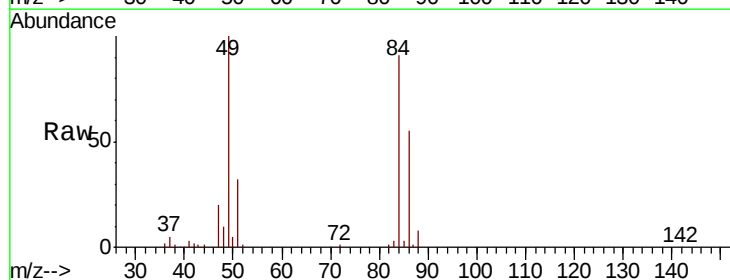
Tot Ion: 73 Resp: 273637
 Ion Ratio Lower Upper
 73 100
 57 21.1 17.8 26.6

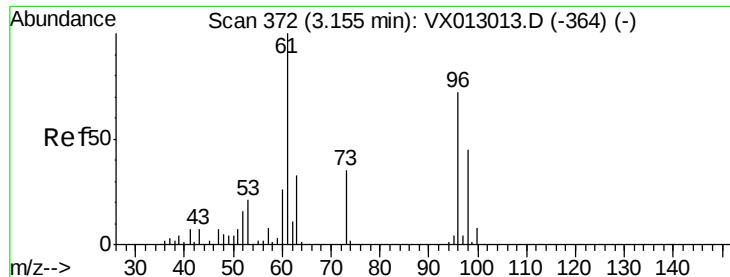


#20

Methylene Chloride
 Concen: 47.492 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. -0.01 min
 Lab File: VX013121.D
 Acq: 17 Oct 2019 20:37

Tgt Ion: 84 Resp: 86562
 Ion Ratio Lower Upper
 84 100
 49 110.4 96.6 144.8
 51 35.3 30.7 46.1
 86 60.8 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 47.986 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013121.D

Acq: 17 Oct 2019 20:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

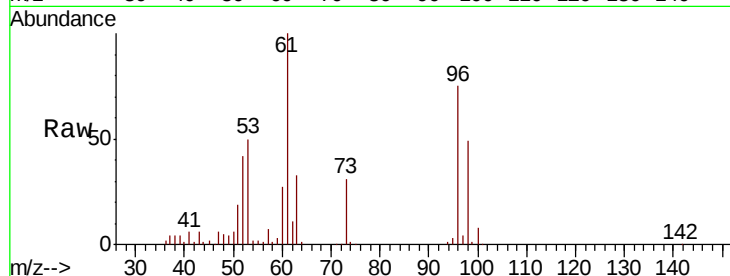
Tot Ion: 96 Resp: 78243

Ion Ratio Lower Upper

96 100

61 133.0 110.4 165.6

98 64.8 51.5 77.3

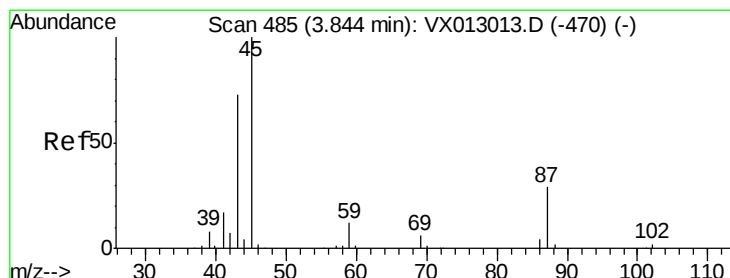
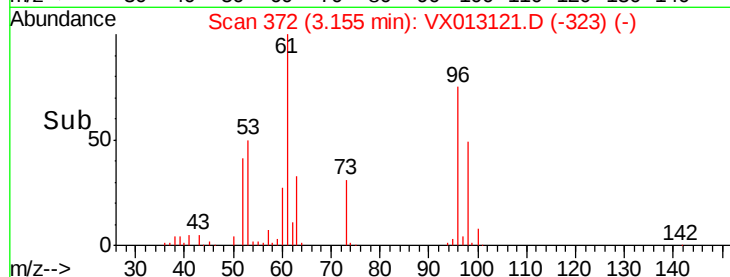
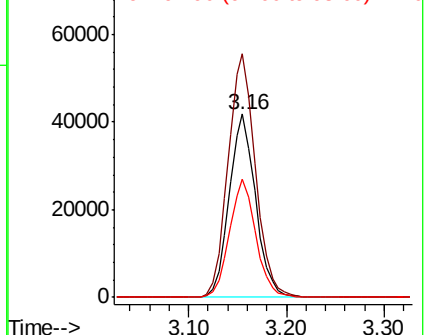


Abundance

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: 48.972 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.01 min

Lab File: VX013121.D

Acq: 17 Oct 2019 20:37

Tgt Ion: 45 Resp: 254227

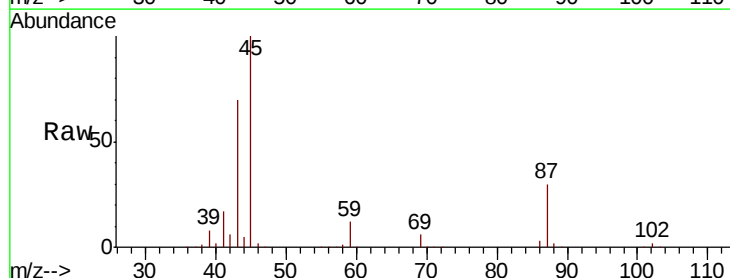
Ion Ratio Lower Upper

45 100

43 69.6 51.4 77.0

87 29.9 22.5 33.7

59 11.6 9.7 14.5



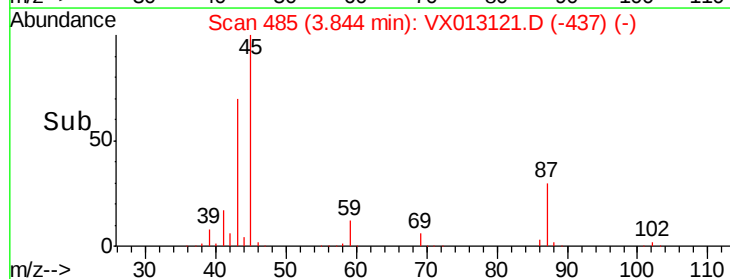
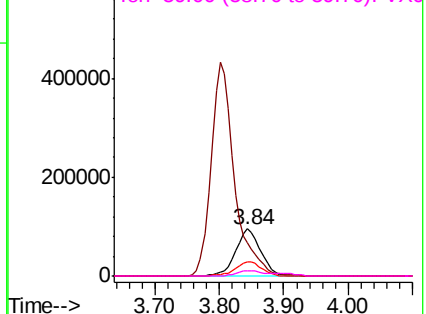
Abundance

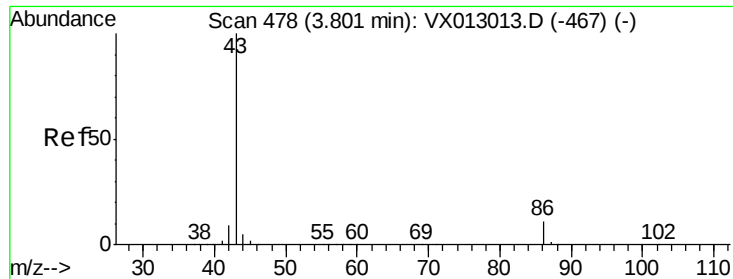
Ion 45.00 (44.70 to 45.70): VX0

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: 245.334 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX013121.D

Acq: 17 Oct 2019 20:37

Instrument :

MSVOA_X

ClientSampleId :

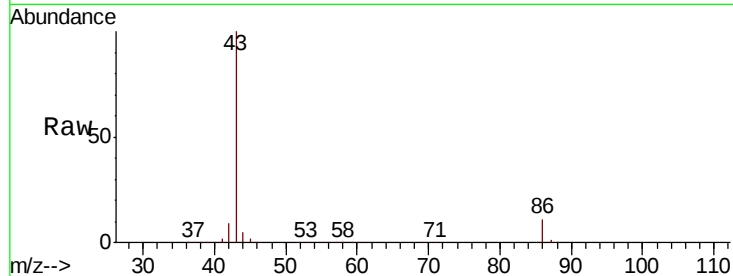
VSTDCCC050EC

Tot Ion: 43 Resp: 1099464

Ion Ratio Lower Upper

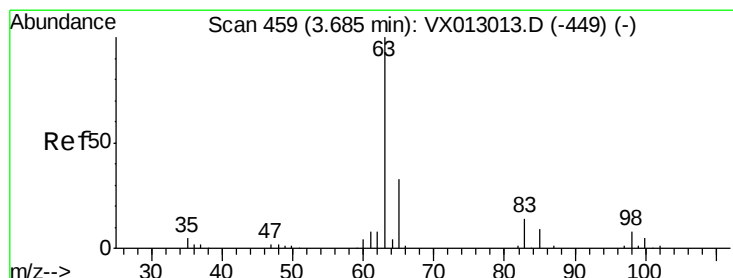
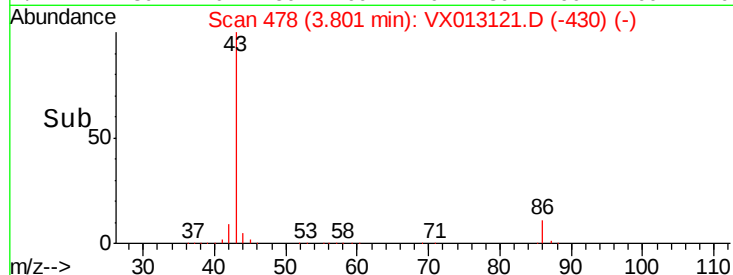
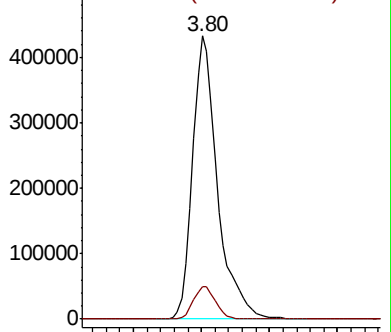
43 100

86 11.4 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 50.490 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013121.D

Acq: 17 Oct 2019 20:37

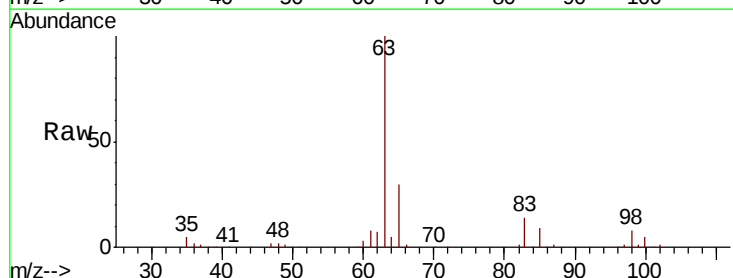
Tgt Ion: 63 Resp: 147454

Ion Ratio Lower Upper

63 100

98 7.6 3.9 11.5

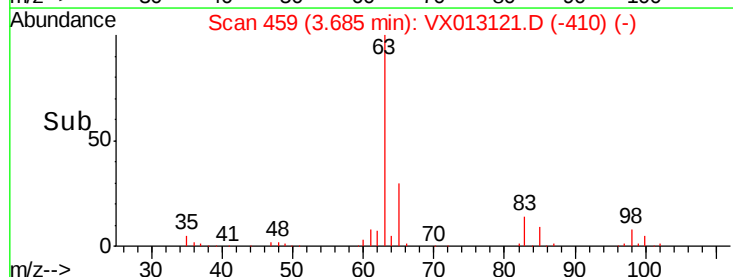
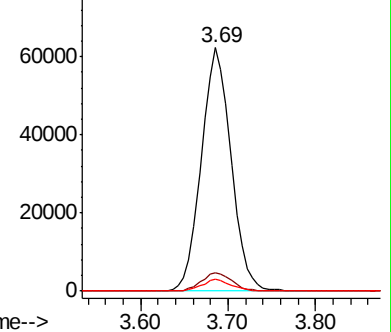
100 4.8 2.3 6.9

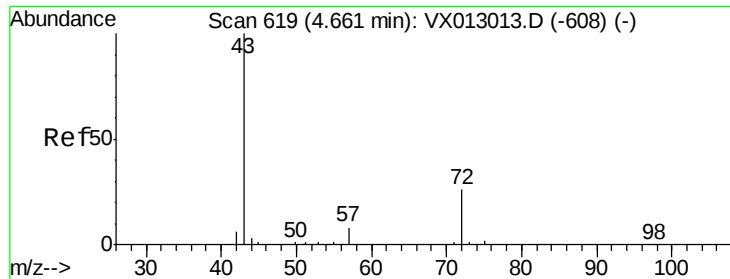


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 227.035 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX013121.D

Acq: 17 Oct 2019 20:37

Instrument :

MSVOA_X

ClientSampleId :

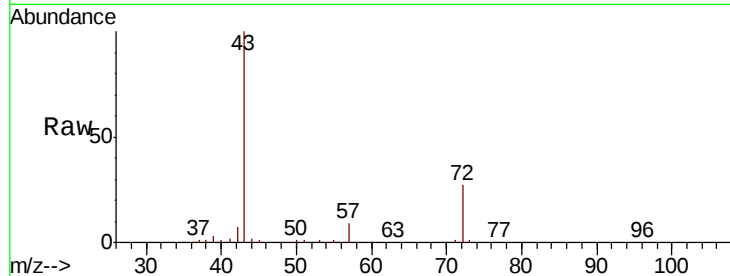
VSTDCCC050EC

Tot Ion: 43 Resp: 312385

Ion Ratio Lower Upper

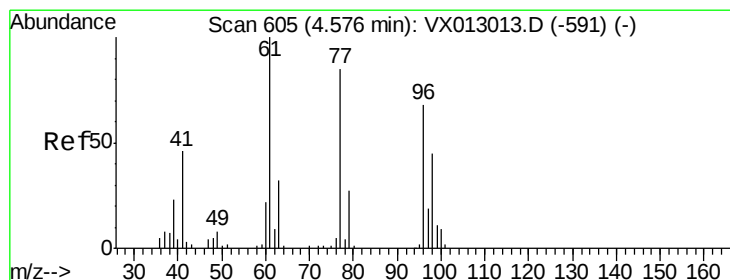
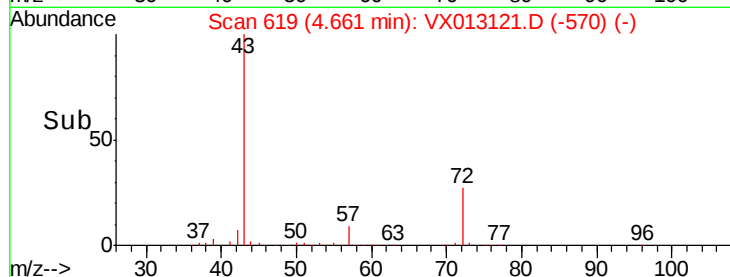
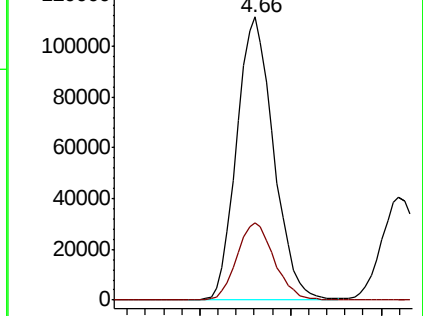
43 100

72 27.2 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 46.697 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX013121.D

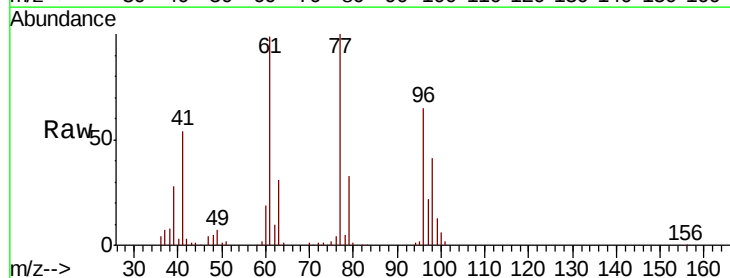
Acq: 17 Oct 2019 20:37

Tgt Ion: 77 Resp: 114681

Ion Ratio Lower Upper

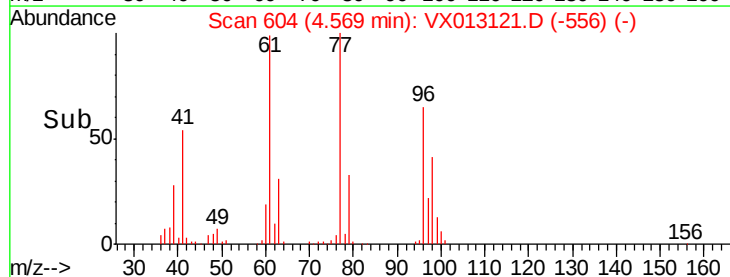
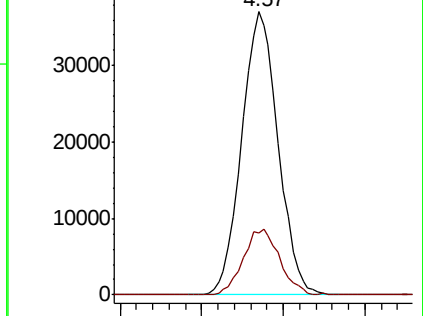
77 100

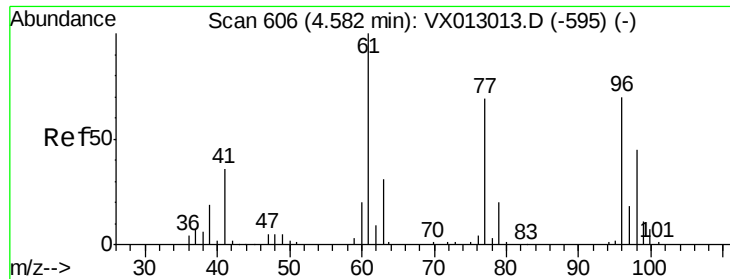
97 23.4 11.3 33.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



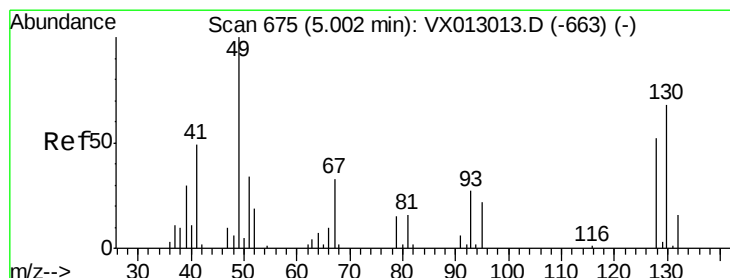
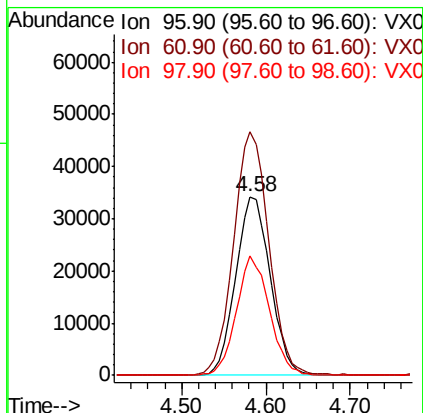
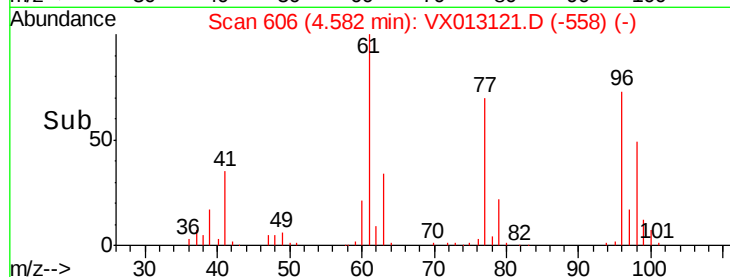
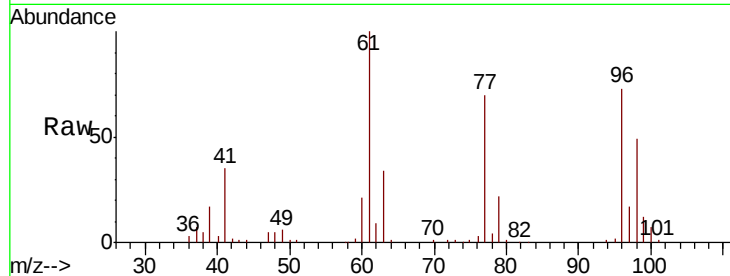


#27

cis-1,2-Dichloroethene
Concen: 50.640 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX013121.D
Acq: 17 Oct 2019 20:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

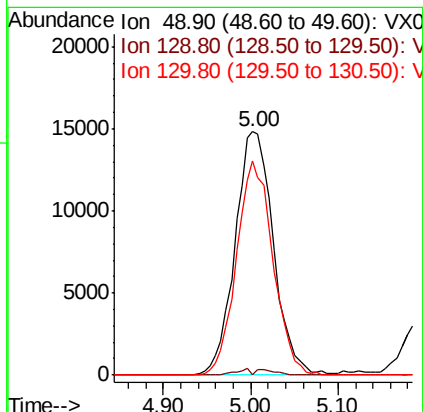
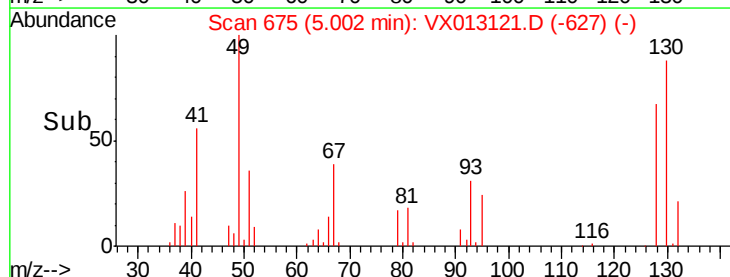
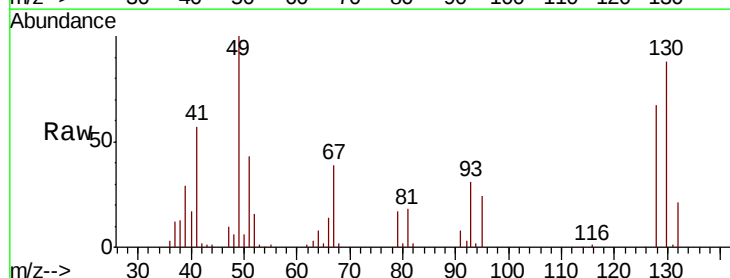
Tot Ion: 96 Resp: 95176
Ion Ratio Lower Upper
96 100
61 139.3 0.0 290.6
98 63.8 0.0 128.8

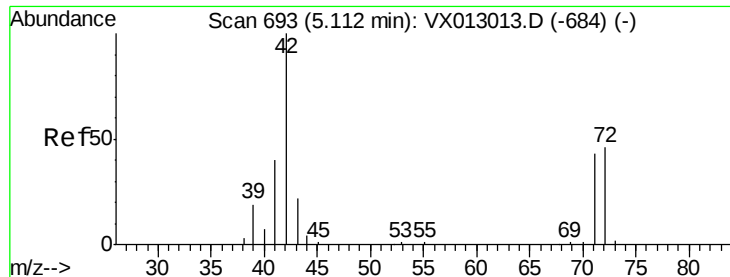


#28

Bromochloromethane
Concen: 51.715 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX013121.D
Acq: 17 Oct 2019 20:37

Tgt Ion: 49 Resp: 45123
Ion Ratio Lower Upper
49 100
129 0.9 0.0 4.2
130 83.6 62.1 93.1

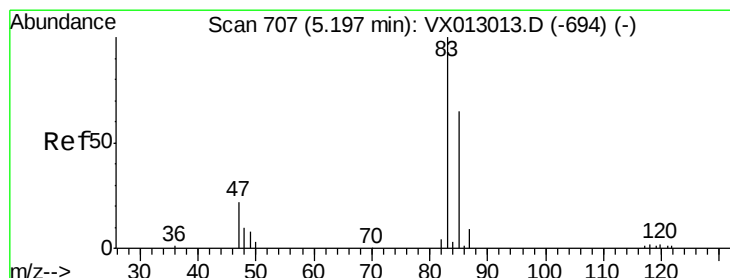
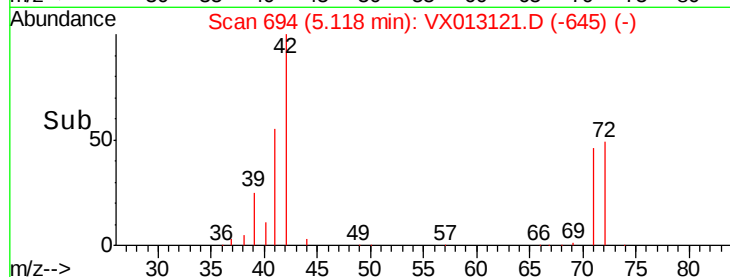
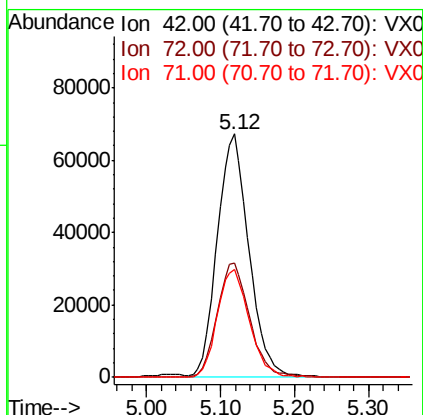
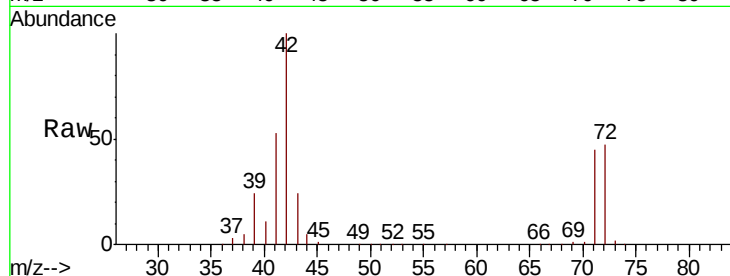




#29
Tetrahydrofuran
Concen: 233.987 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.00 min
Lab File: VX013121.D
Acq: 17 Oct 2019 20:37

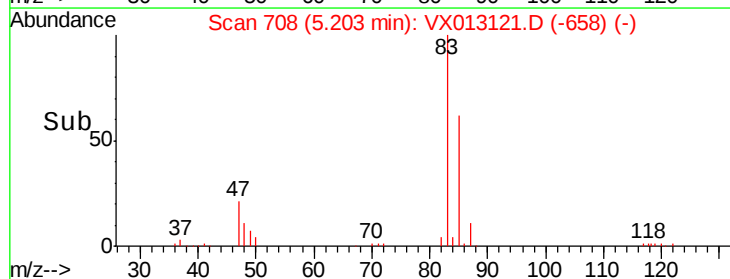
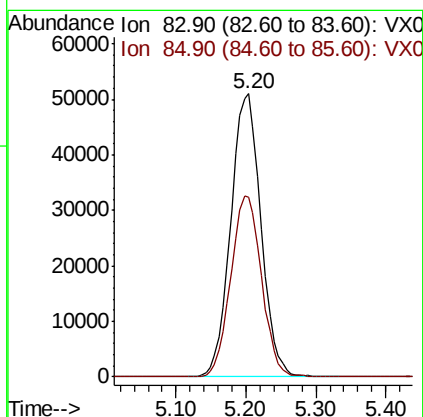
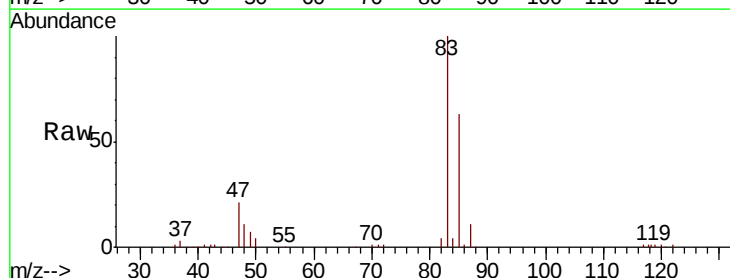
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

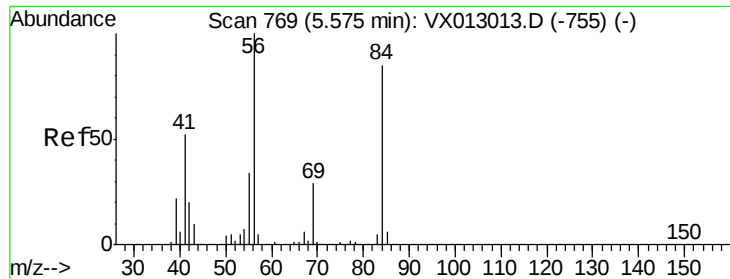
Tot Ion: 42 Resp: 198117
Ion Ratio Lower Upper
42 100
72 48.4 36.9 55.3
71 45.0 33.5 50.3



#30
Chloroform
Concen: 51.002 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.01 min
Lab File: VX013121.D
Acq: 17 Oct 2019 20:37

Tgt Ion: 83 Resp: 152837
Ion Ratio Lower Upper
83 100
85 63.5 51.5 77.3

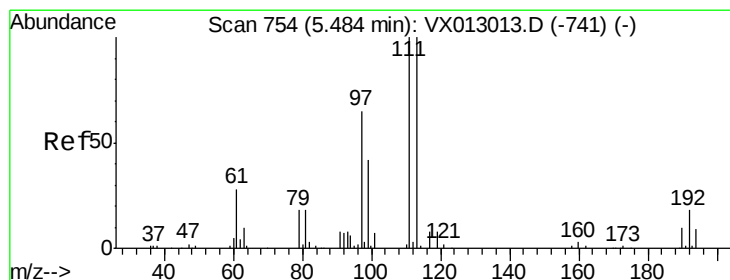
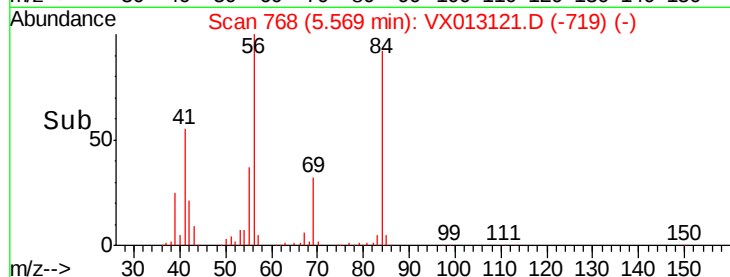
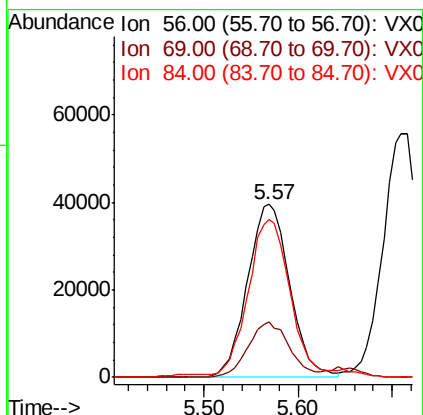
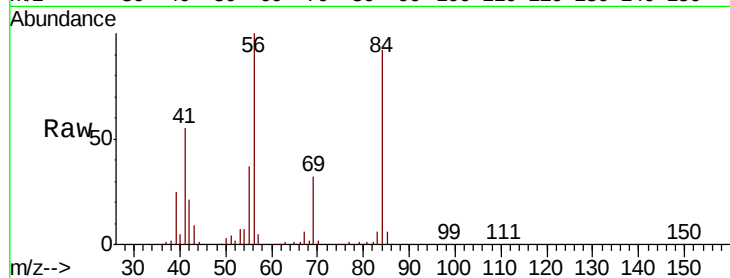




#31
Cyclohexane
Concen: 45.450 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX013121.D
Acq: 17 Oct 2019 20:37

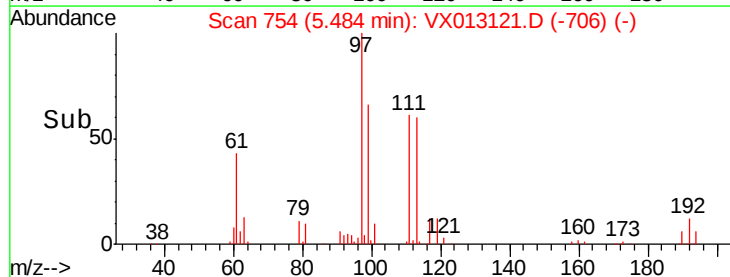
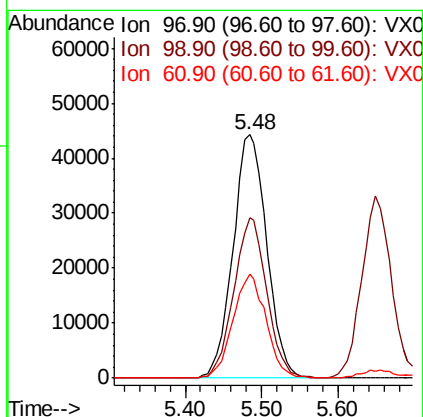
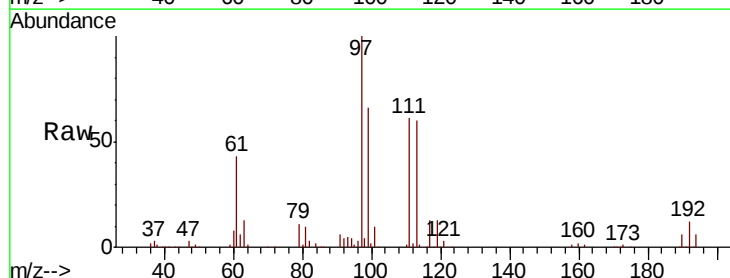
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

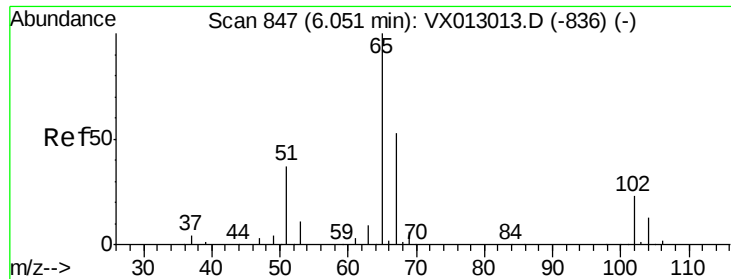
Tot Ion: 56 Resp: 124118
Ion Ratio Lower Upper
56 100
69 32.2 25.2 37.8
84 89.8 71.3 106.9



#32
1,1,1-Trichloroethane
Concen: 53.160 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX013121.D
Acq: 17 Oct 2019 20:37

Tgt Ion: 97 Resp: 134979
Ion Ratio Lower Upper
97 100
99 64.3 52.3 78.5
61 42.0 35.0 52.4





#33

1,2-Dichloroethane-d4

Concen: 50.855 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.01 min

Lab File: VX013121.D

Acq: 17 Oct 2019 20:37

Instrument :

MSVOA_X

ClientSampleId :

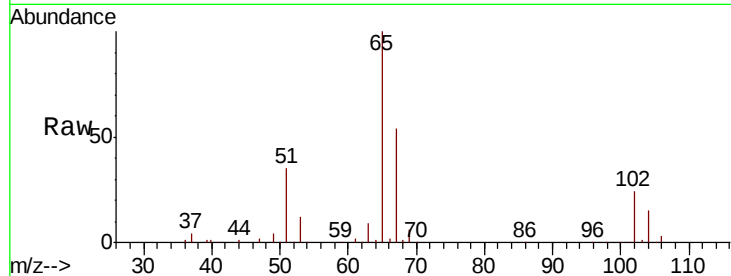
VSTDCCC050EC

Tot Ion: 65 Resp: 95687

Ion Ratio Lower Upper

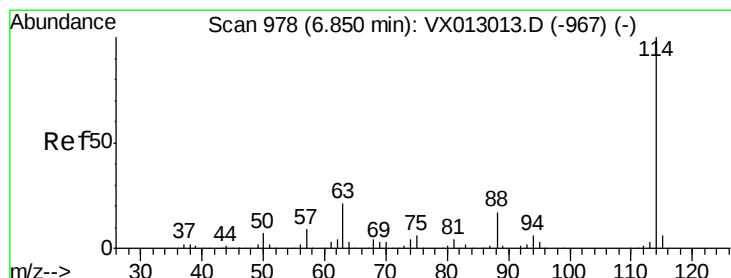
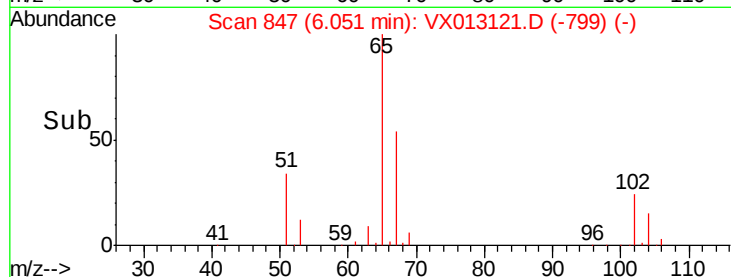
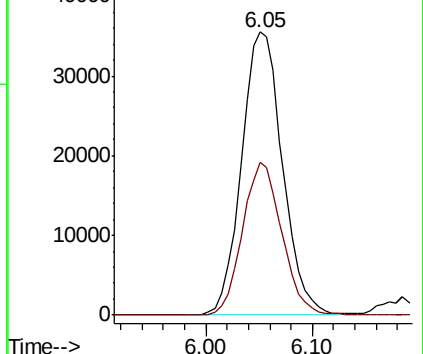
65 100

67 51.9 0.0 104.4



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: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013121.D

Acq: 17 Oct 2019 20:37

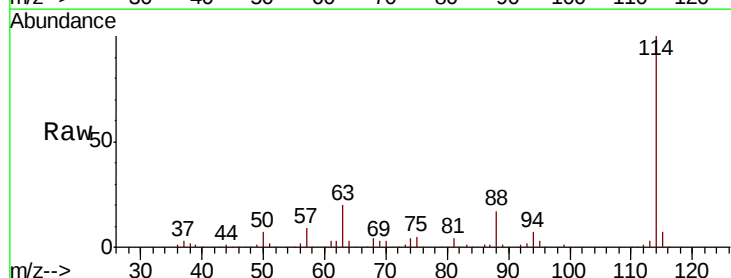
Tgt Ion: 114 Resp: 248067

Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.8

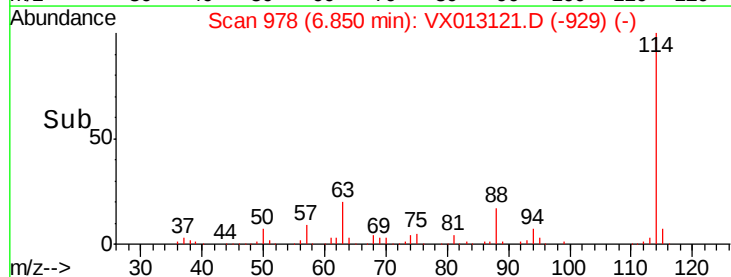
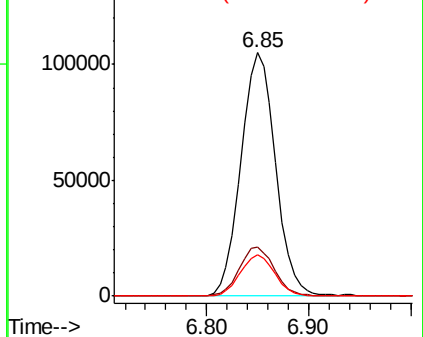
88 17.0 0.0 33.8

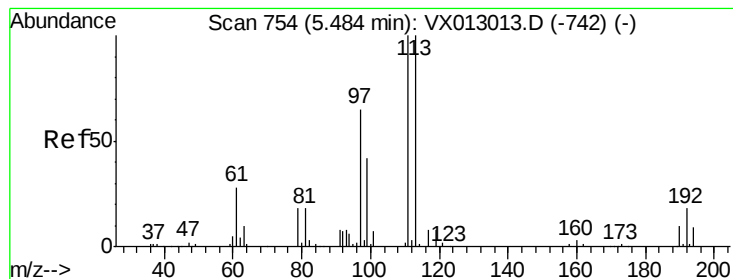


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 54.787 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX013121.D

Acq: 17 Oct 2019 20:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

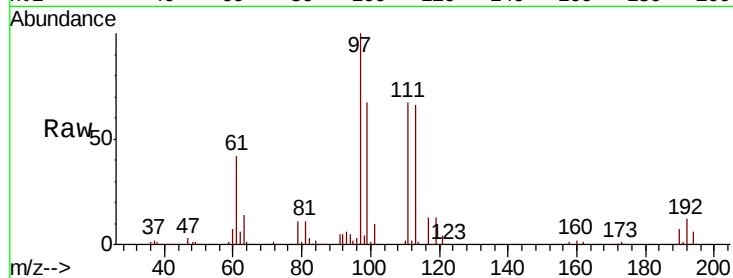
Tot Ion:113 Resp: 78005

Ion Ratio Lower Upper

113 100

111 101.7 83.2 124.8

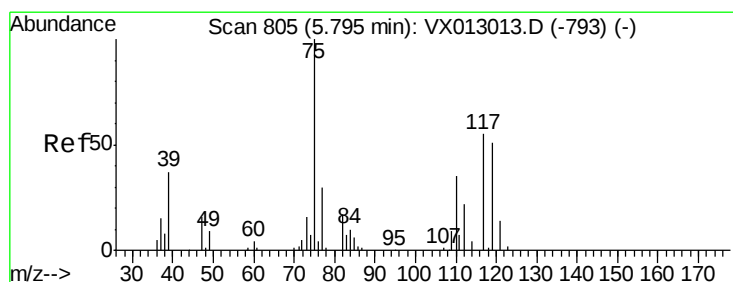
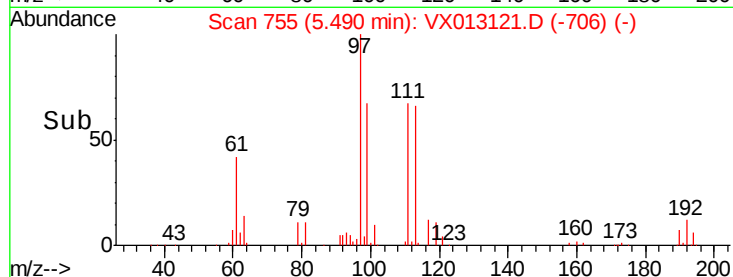
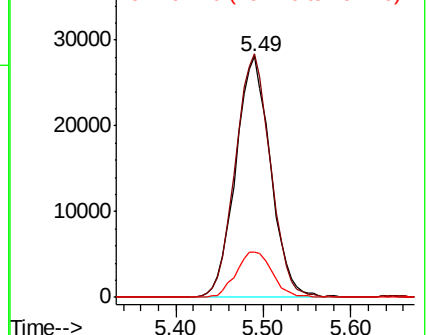
192 19.5 15.4 23.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 50.055 ug/l

RT: 5.79 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX013121.D

Acq: 17 Oct 2019 20:37

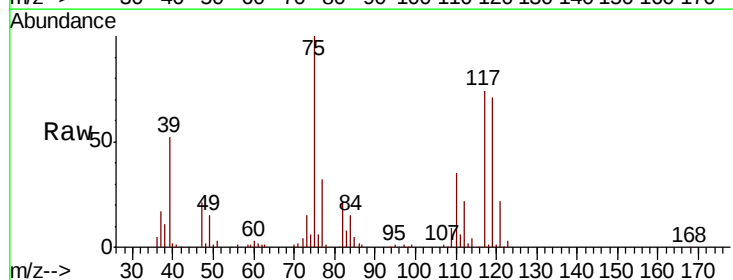
Tgt Ion: 75 Resp: 109171

Ion Ratio Lower Upper

75 100

110 35.8 17.6 52.9

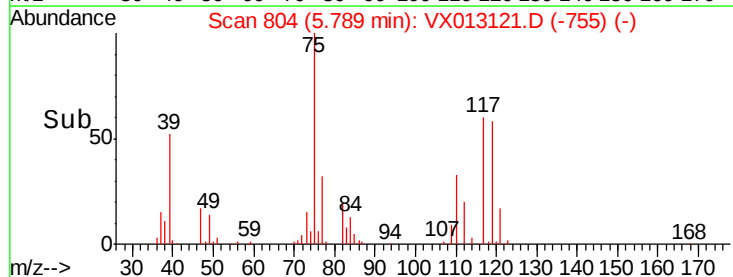
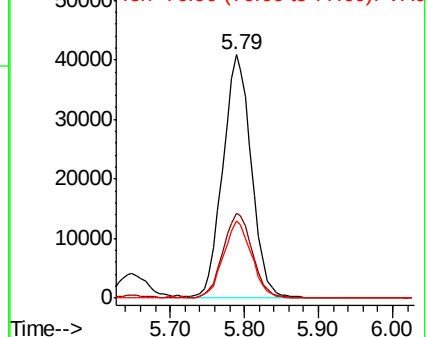
77 31.1 24.4 36.6

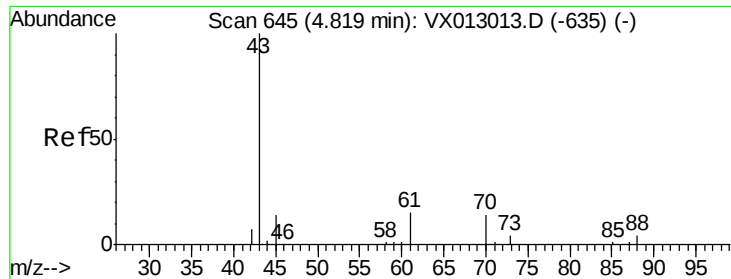


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

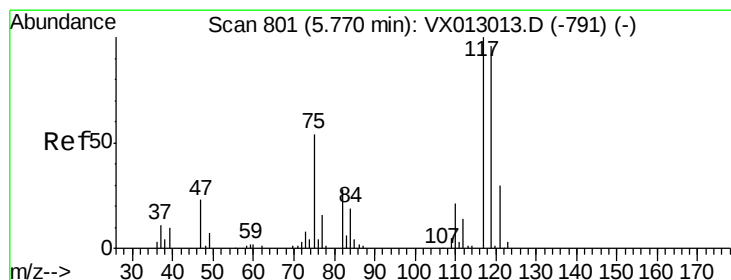
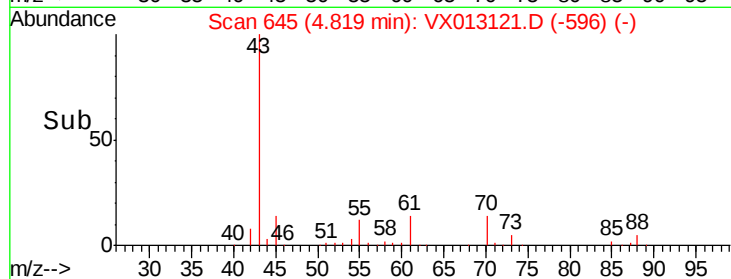
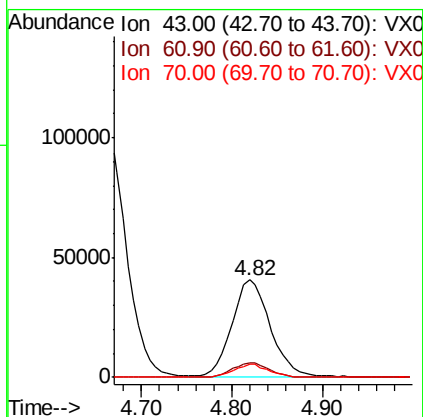
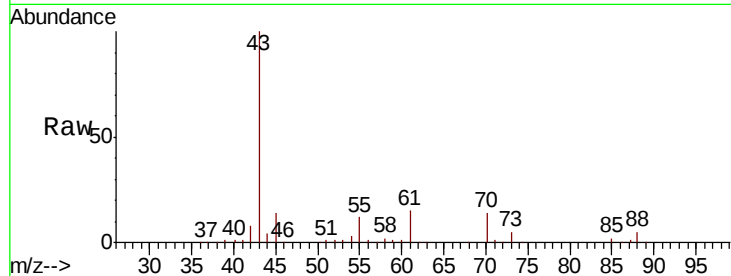




#37
Ethyl Acetate
Concen: 48.438 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX013121.D
Acq: 17 Oct 2019 20:37

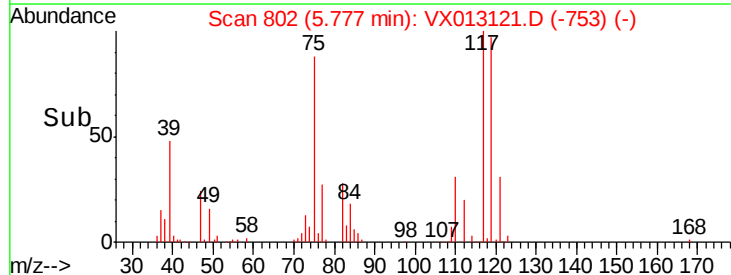
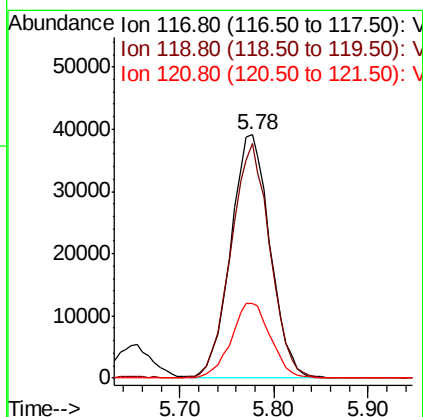
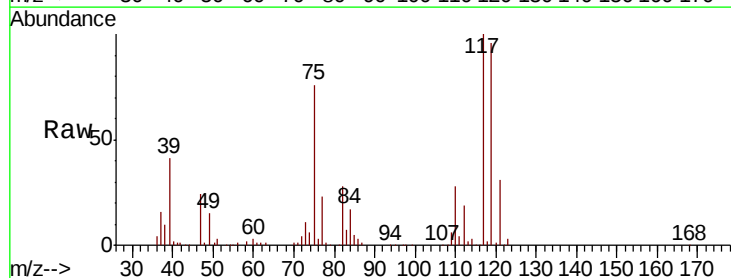
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

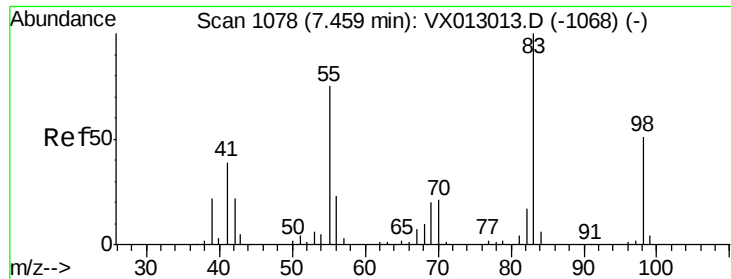
Tot Ion: 43 Resp: 118130
Ion Ratio Lower Upper
43 100
61 14.8 11.4 17.0
70 12.7 9.8 14.6



#38
Carbon Tetrachloride
Concen: 53.352 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX013121.D
Acq: 17 Oct 2019 20:37

Tgt Ion: 117 Resp: 113260
Ion Ratio Lower Upper
117 100
119 96.5 74.5 111.7
121 30.5 24.2 36.4

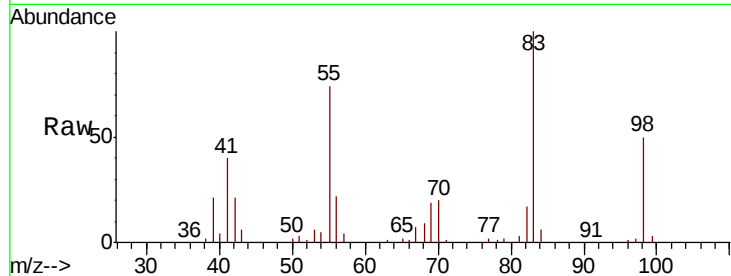




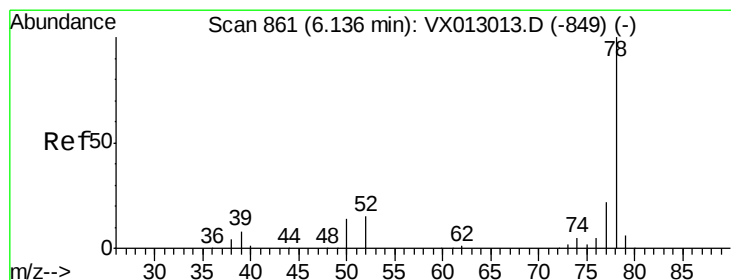
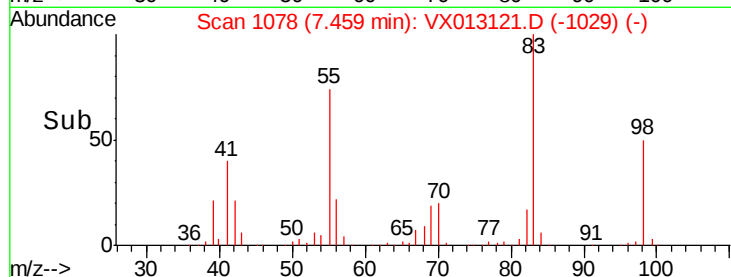
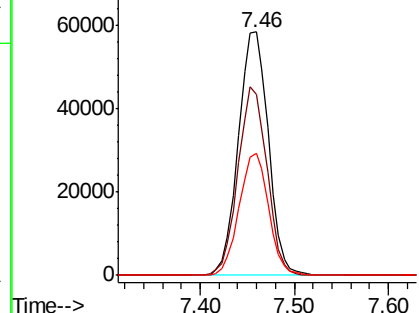
#39
Methvlcvclohexane
Concen: 49.020 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX013121.D
Acq: 17 Oct 2019 20:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.1	60.2	90.4
98	50.3	38.5	57.7

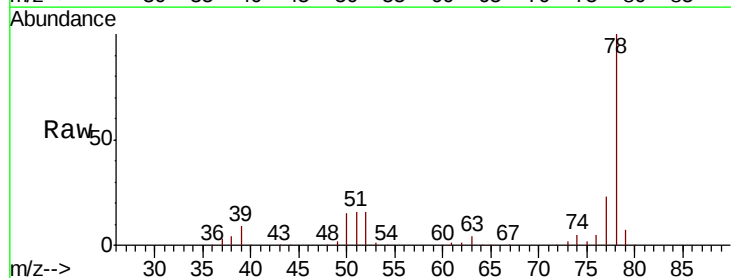


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

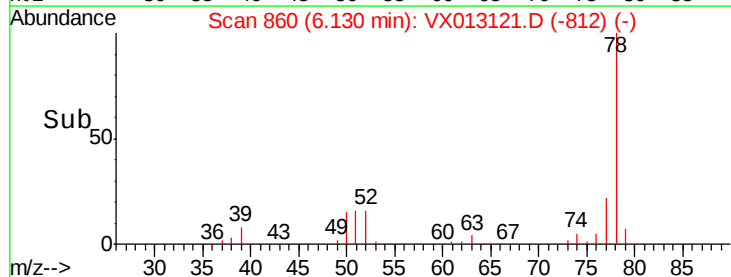
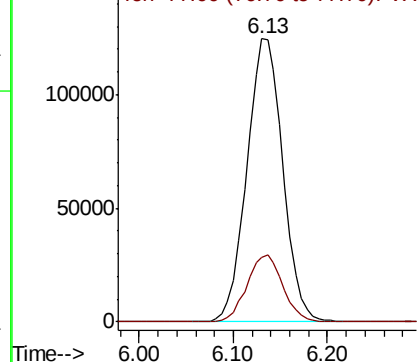


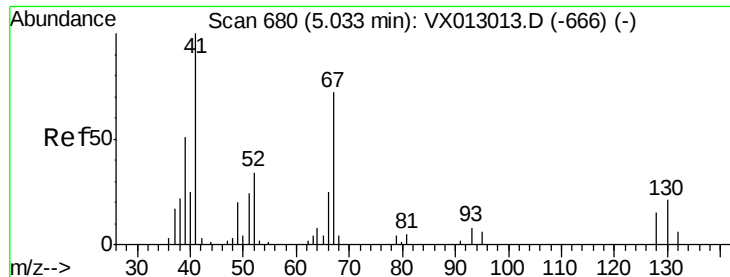
#40
Benzene
Concen: 51.441 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX013121.D
Acq: 17 Oct 2019 20:37

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.9	19.0	28.4



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

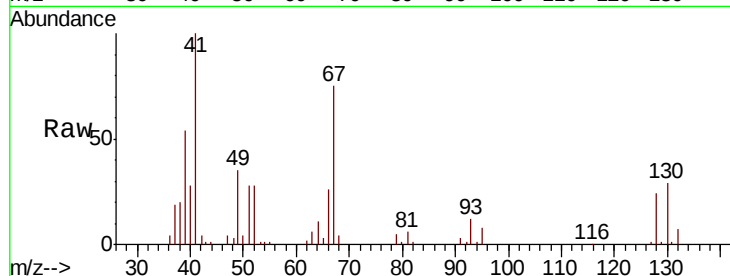




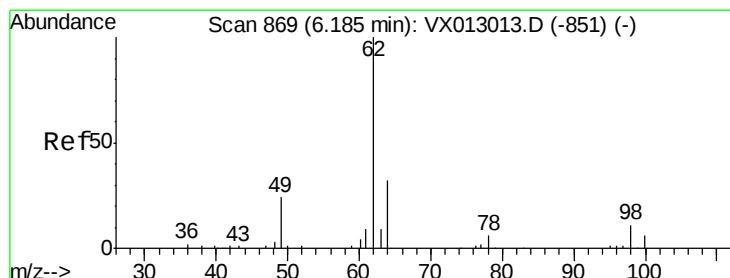
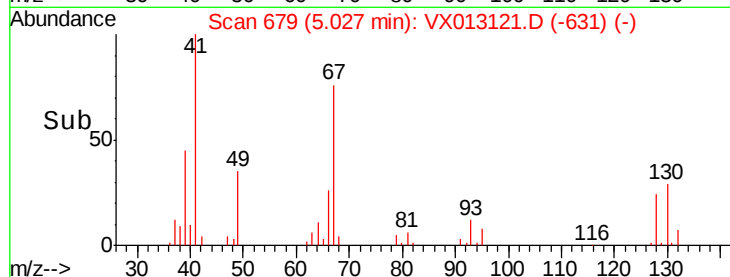
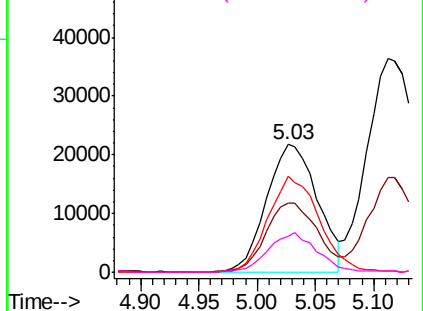
#41
Methacrylonitrile
Concen: 49.359 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX013121.D
Acq: 17 Oct 2019 20:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	66145
Ion	Ratio	Lower	Upper
41	100		
39	56.1	44.0	66.0
67	75.3	58.5	87.7
52	29.7	23.8	35.8

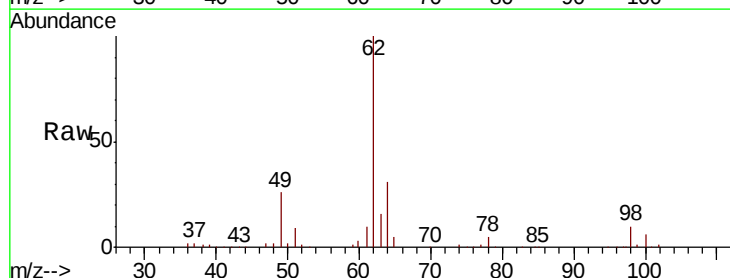


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

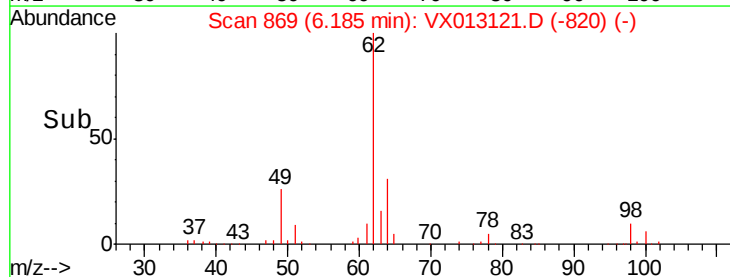
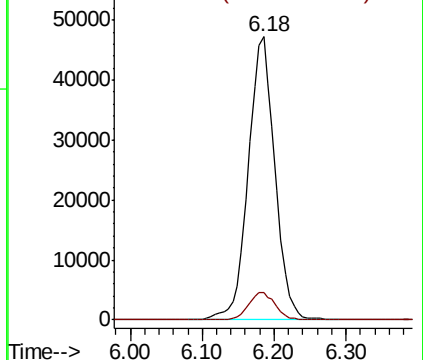


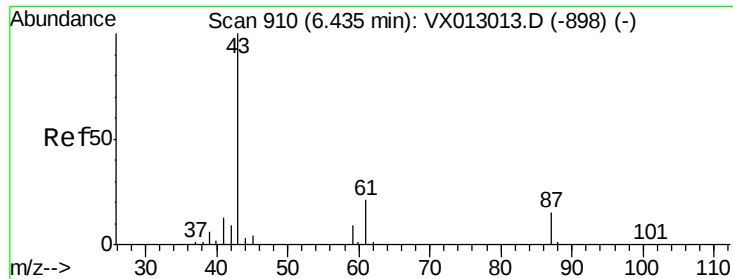
#42
1,2-Dichloroethane
Concen: 52.611 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX013121.D
Acq: 17 Oct 2019 20:37

Tgt Ion:	62	Resp:	121609
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 50.185 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX013121.D

Acq: 17 Oct 2019 20:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

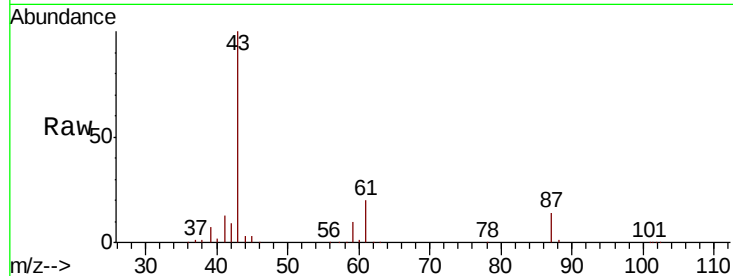
Tot Ion: 43 Resp: 196441

Ion Ratio Lower Upper

43 100

61 21.6 16.6 24.8

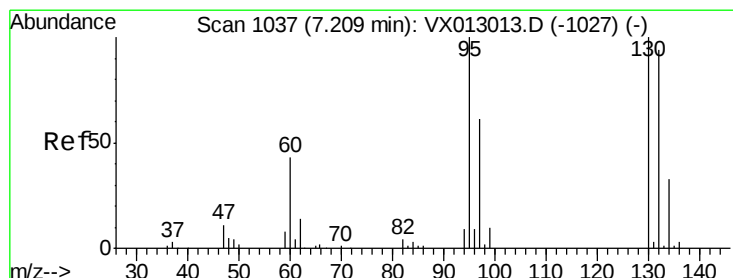
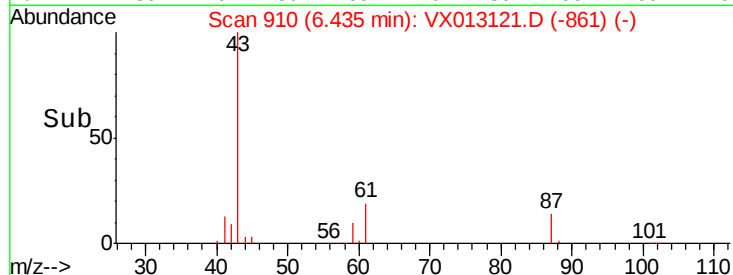
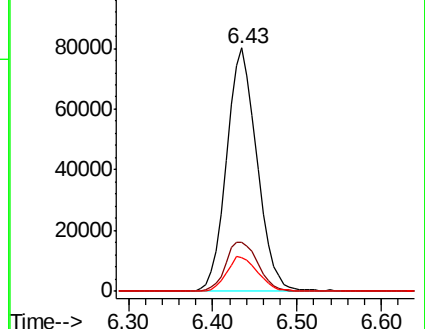
87 14.5 11.0 16.6



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: 50.434 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX013121.D

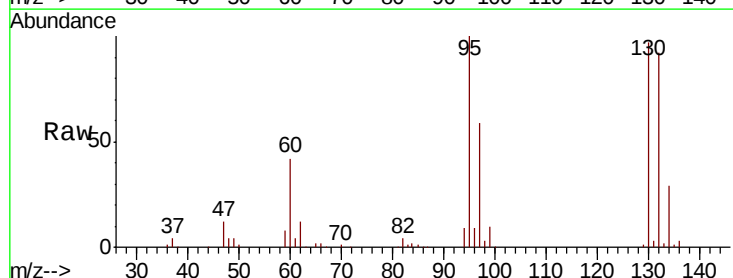
Acq: 17 Oct 2019 20:37

Tgt Ion: 130 Resp: 90089

Ion Ratio Lower Upper

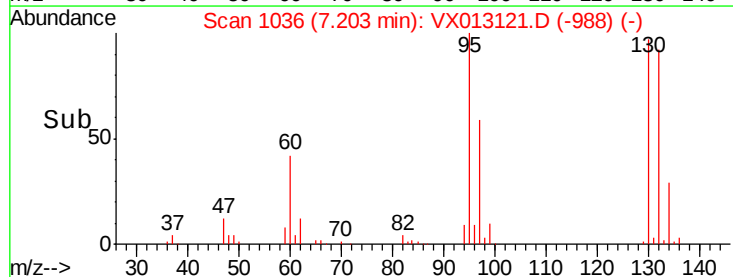
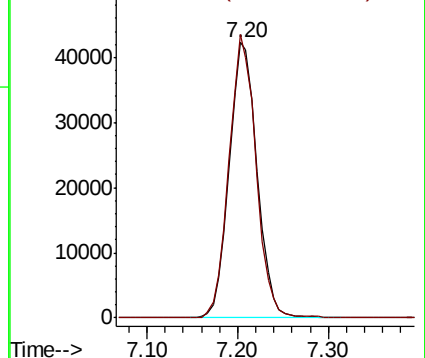
130 100

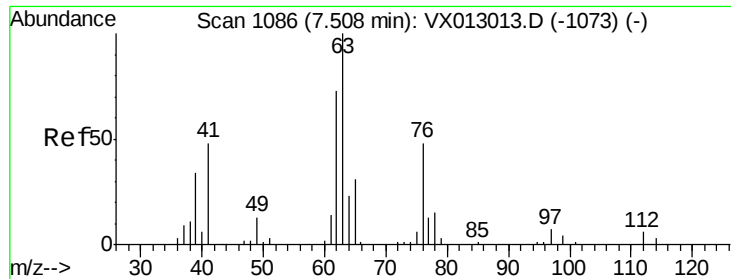
95 102.8 0.0 189.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

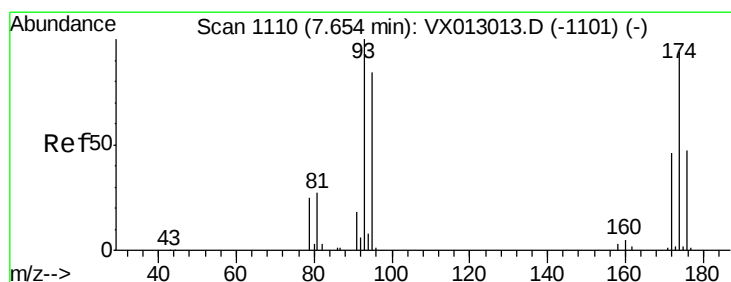
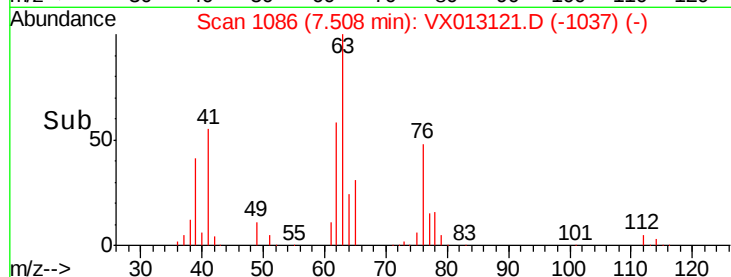
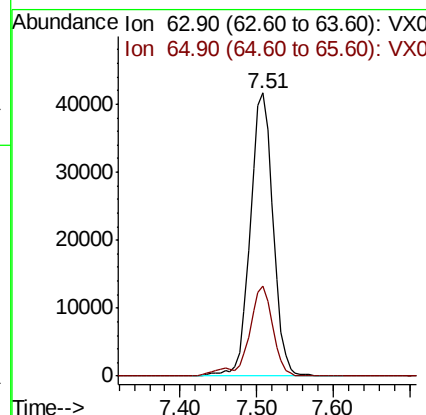
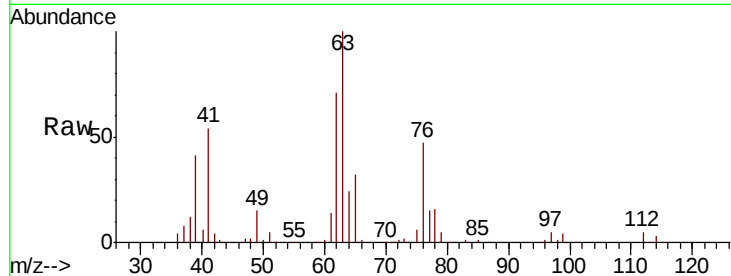




#45
 1,2-Dichloropropane
 Concen: 52.599 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX013121.D
 Acq: 17 Oct 2019 20:37

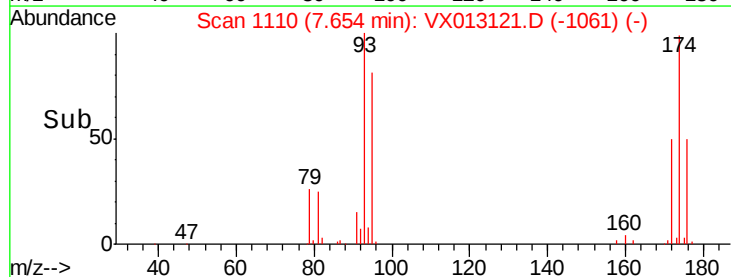
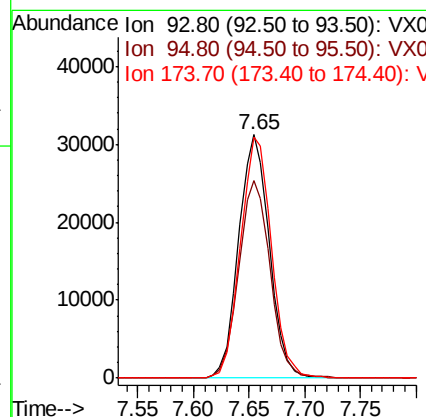
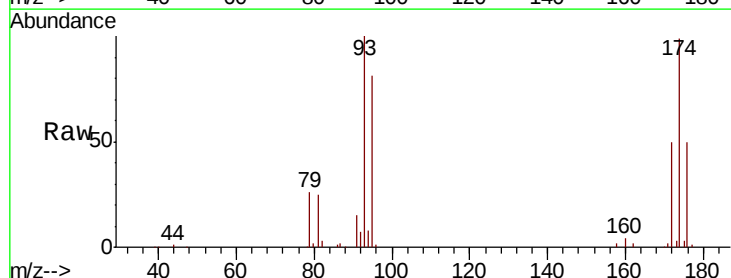
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

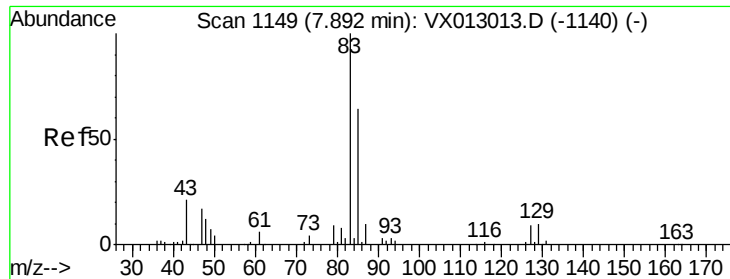
Tot Ion: 63 Resp: 86355
 Ion Ratio Lower Upper
 63 100
 65 32.0 24.6 37.0



#46
 Dibromomethane
 Concen: 54.417 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX013121.D
 Acq: 17 Oct 2019 20:37

Tgt Ion: 93 Resp: 59523
 Ion Ratio Lower Upper
 93 100
 95 82.9 66.3 99.5
 174 100.4 77.8 116.6





#47

Bromodichloromethane

Concen: 54.959 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX013121.D

Acq: 17 Oct 2019 20:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

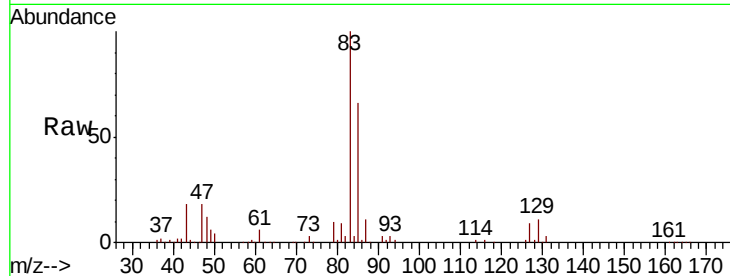
Tot Ion: 83 Resp: 117319

Ion Ratio Lower Upper

83 100

85 65.8 52.4 78.6

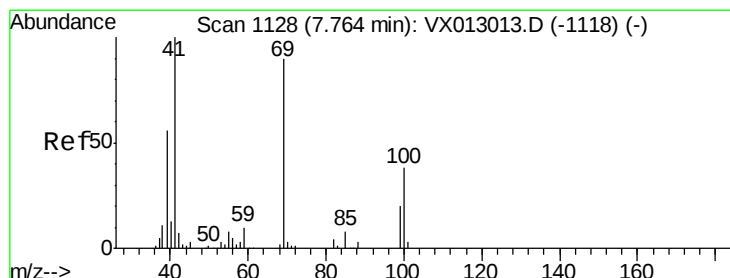
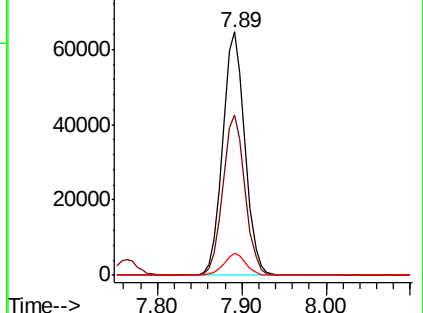
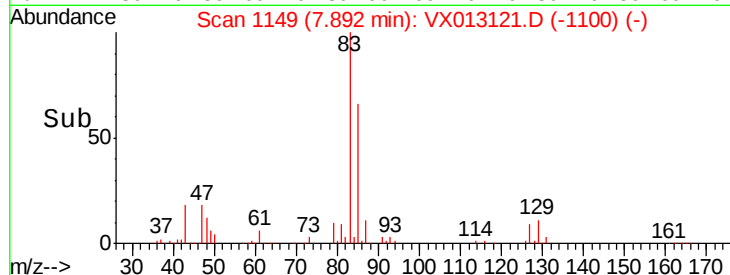
127 9.1 6.6 10.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 50.010 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX013121.D

Acq: 17 Oct 2019 20:37

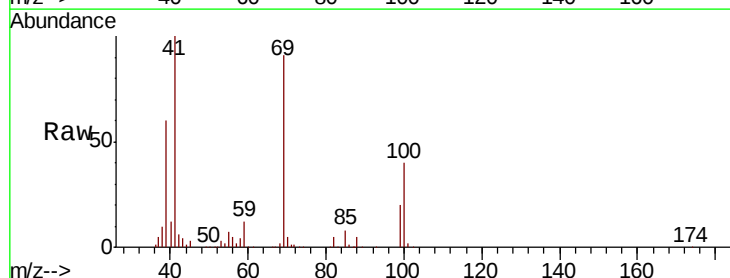
Tgt Ion: 41 Resp: 95394

Ion Ratio Lower Upper

41 100

69 88.7 68.7 103.1

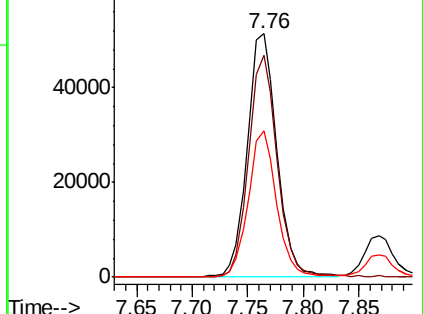
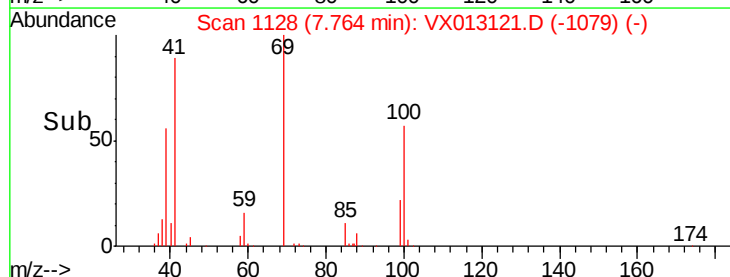
39 57.6 44.3 66.5

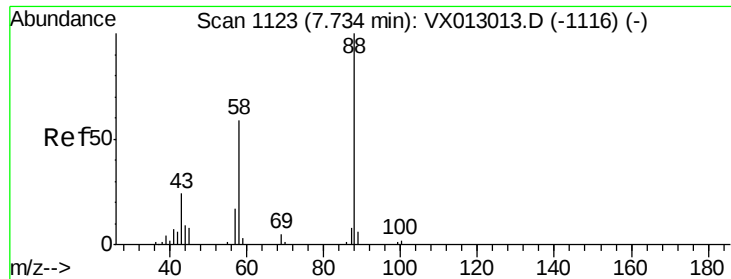


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

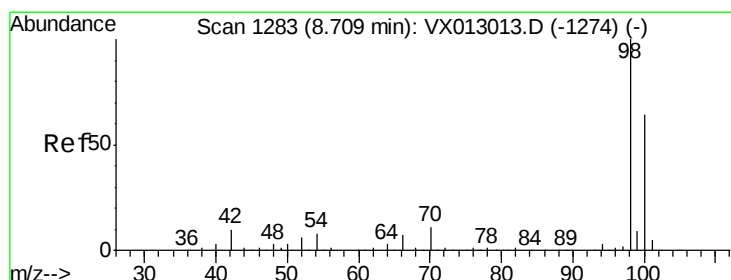
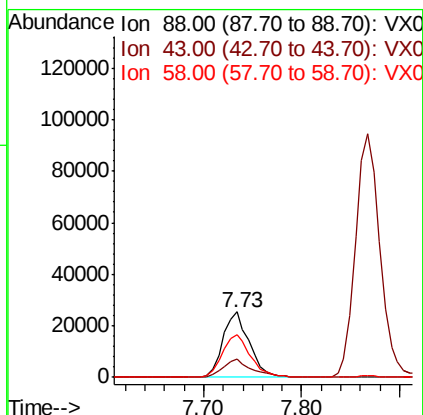
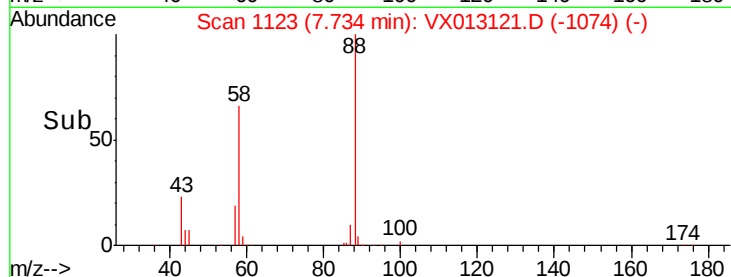
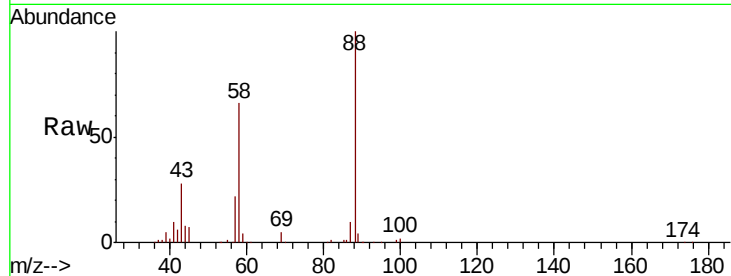




#49
1,4-Dioxane
Concen: 930.217 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX013121.D
Acq: 17 Oct 2019 20:37

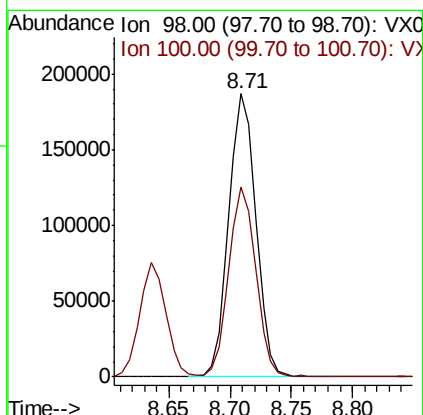
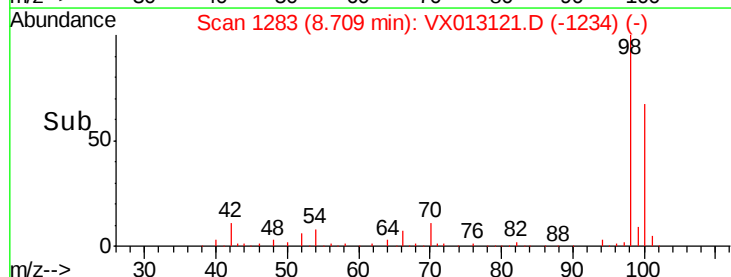
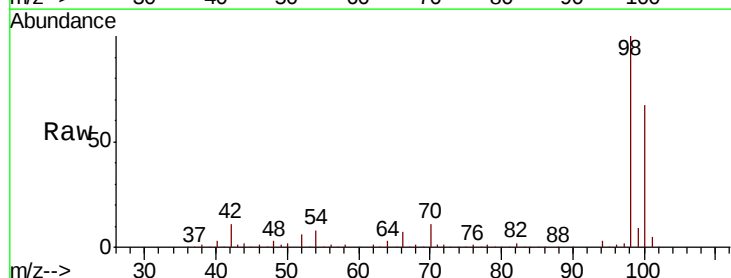
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

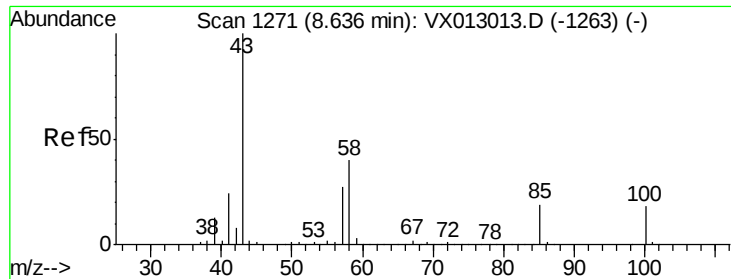
Tot Ion: 88 Resp: 47487
Ion Ratio Lower Upper
88 100
43 31.4 25.0 37.6
58 70.0 55.4 83.2



#50
Toluene-d8
Concen: 51.935 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013121.D
Acq: 17 Oct 2019 20:37

Tgt Ion: 98 Resp: 288400
Ion Ratio Lower Upper
98 100
100 66.4 53.4 80.2





#51

4-Methyl-2-Pentanone

Concen: 252.950 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX013121.D

Acq: 17 Oct 2019 20:37

Instrument :

MSVOA_X

ClientSampleId :

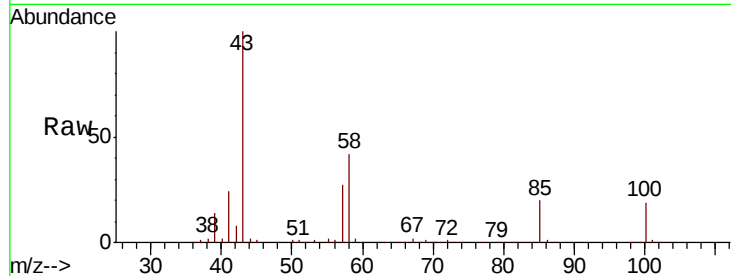
VSTDCCC050EC

Tot Ion: 43 Resp: 617326

Ion Ratio Lower Upper

43 100

58 41.7 32.4 48.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

400000

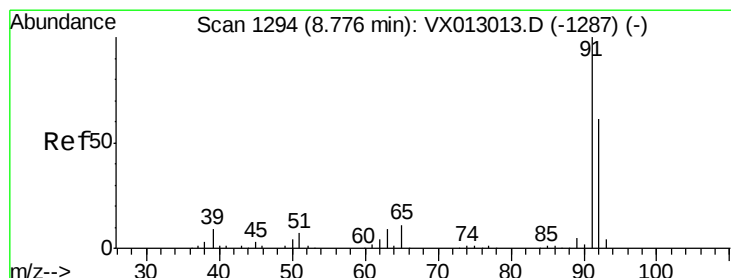
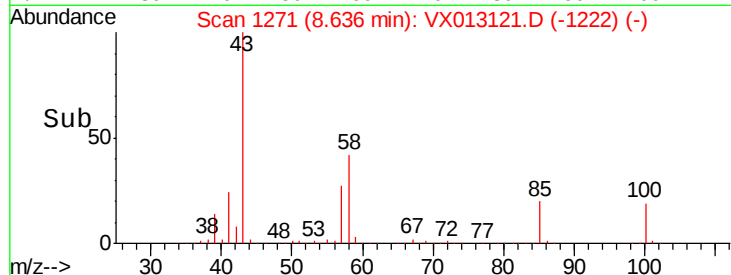
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 51.859 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013121.D

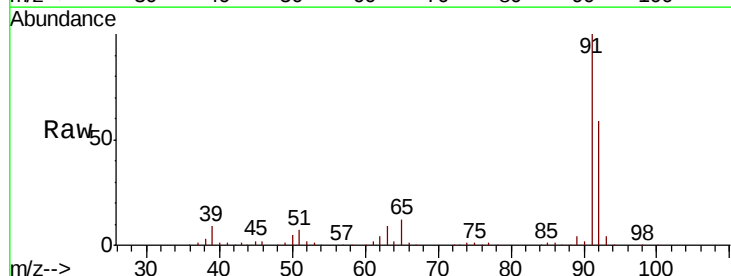
Acq: 17 Oct 2019 20:37

Tgt Ion: 92 Resp: 213717

Ion Ratio Lower Upper

92 100

91 168.2 135.9 203.9



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.78

250000

200000

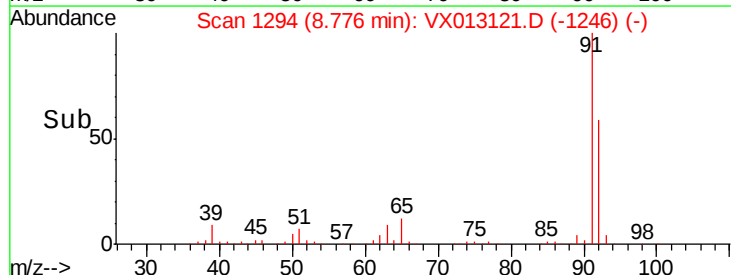
150000

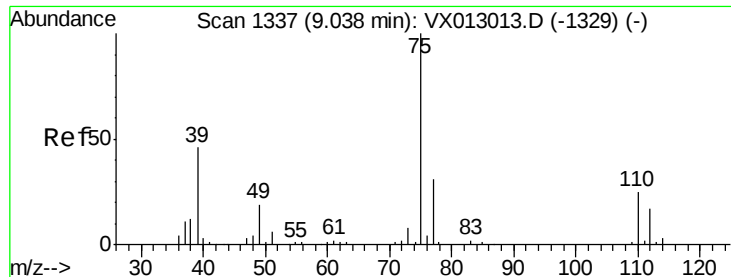
100000

50000

0

Time-->

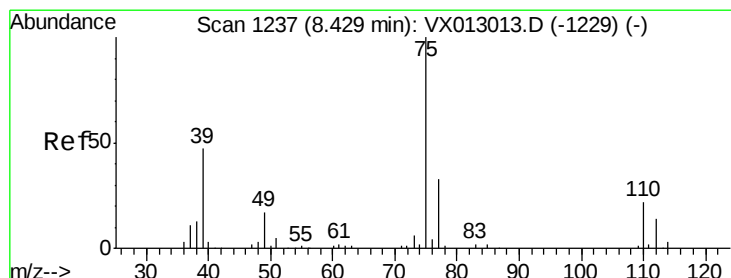
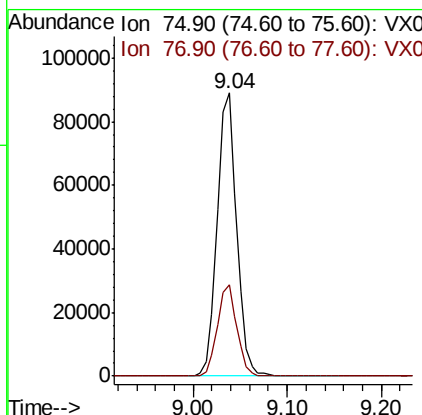
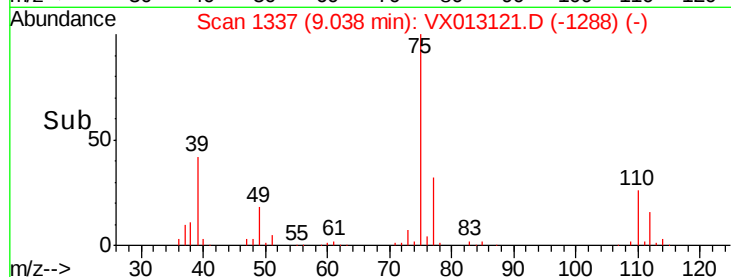
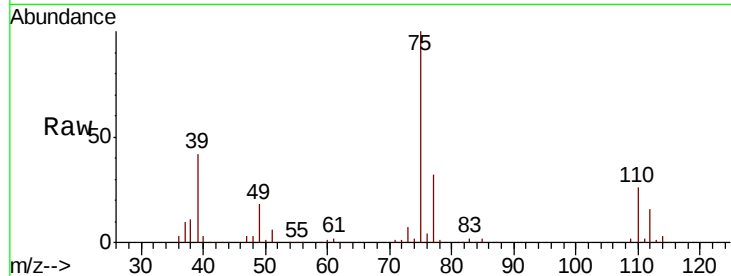




#53
 t-1,3-Dichloropropene
 Concen: 48.012 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VX013121.D
 Acq: 17 Oct 2019 20:37

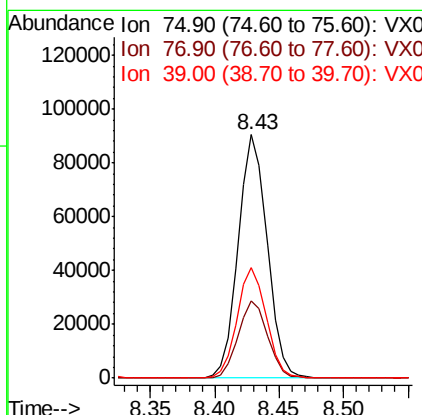
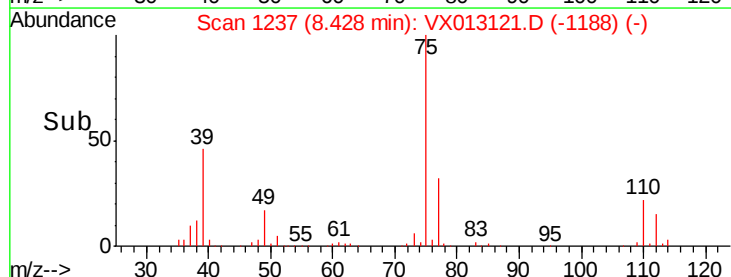
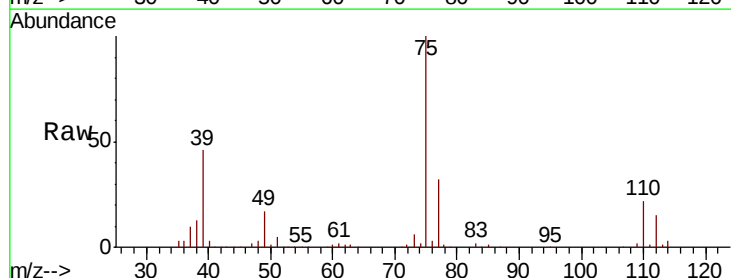
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

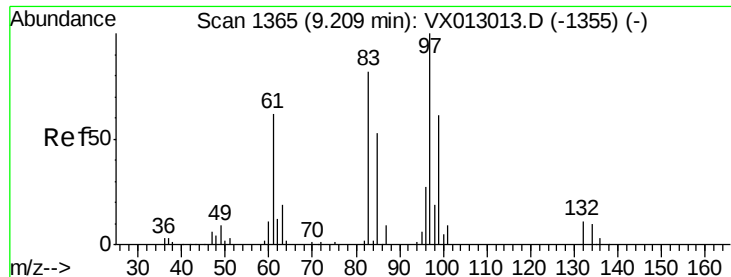
Tot Ion: 75 Resp: 127661
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.8 38.6



#54
 cis-1,3-Dichloropropene
 Concen: 53.757 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX013121.D
 Acq: 17 Oct 2019 20:37

Tgt Ion: 75 Resp: 141135
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.8 38.8
 39 45.5 38.2 57.2

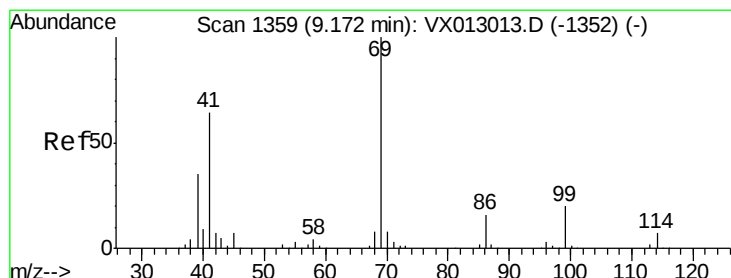
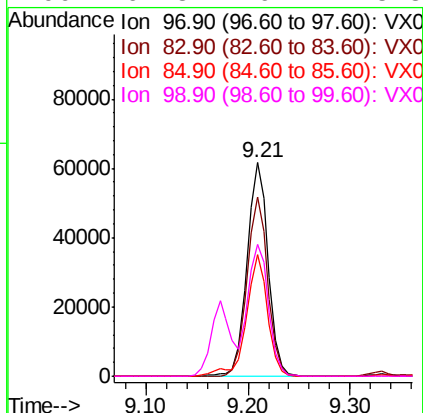
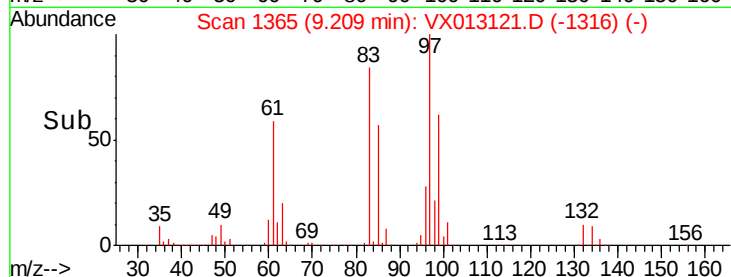
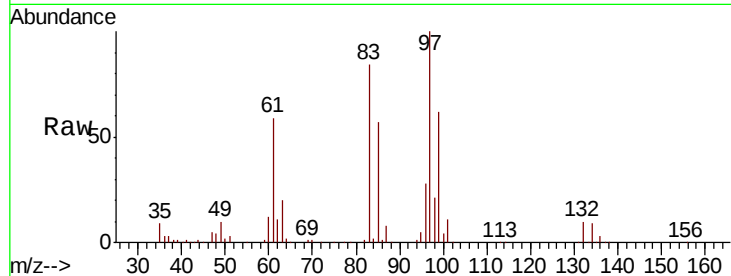




#55
 1,1,2-Trichloroethane
 Concen: 54.441 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX013121.D
 Acq: 17 Oct 2019 20:37

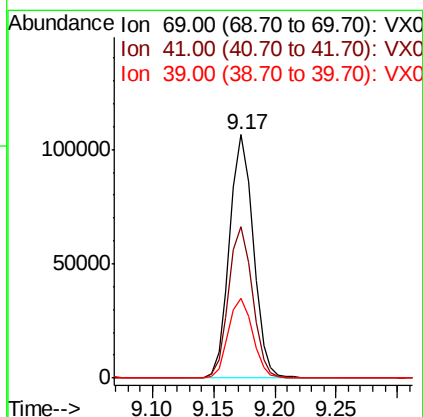
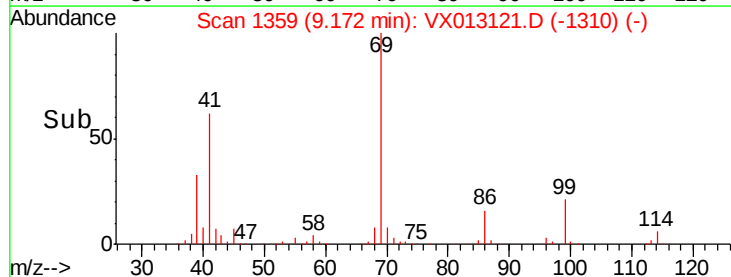
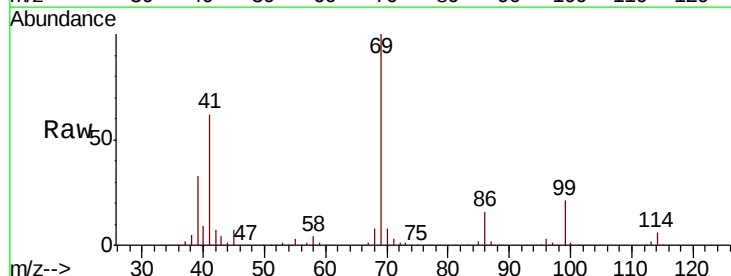
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

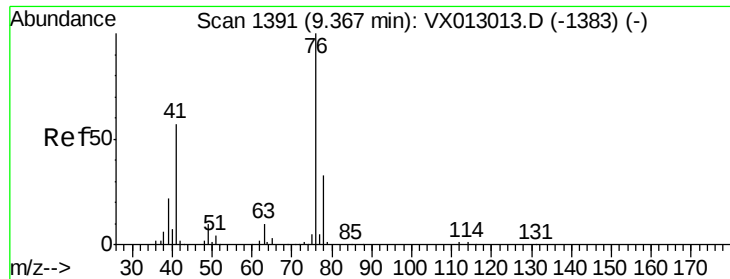
Tot Ion:	97	Resp:	88788
Ion	Ratio	Lower	Upper
97	100		
83	84.0	66.5	99.7
85	56.8	43.1	64.7
99	61.8	49.2	73.8



#56
 Ethyl methacrylate
 Concen: 49.204 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX013121.D
 Acq: 17 Oct 2019 20:37

Tgt Ion:	69	Resp:	143608
Ion	Ratio	Lower	Upper
69	100		
41	62.6	52.1	78.1
39	33.8	27.8	41.8





#57

1,3-Dichloropropane

Concen: 52.555 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX013121.D

Acq: 17 Oct 2019 20:37

Instrument :

MSVOA_X

ClientSampleId :

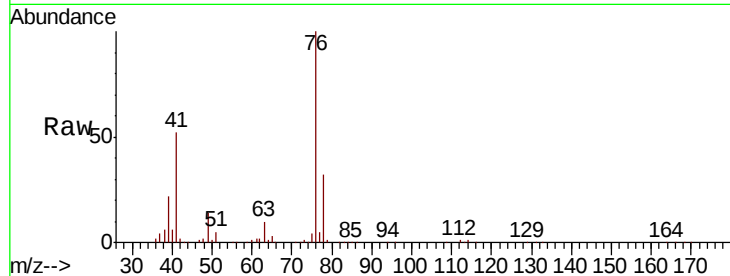
VSTDCCC050EC

Tot Ion: 76 Resp: 148267

Ion Ratio Lower Upper

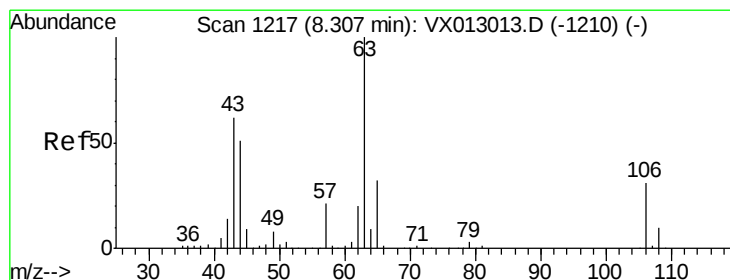
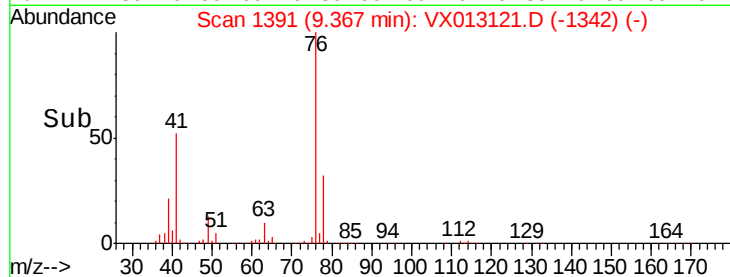
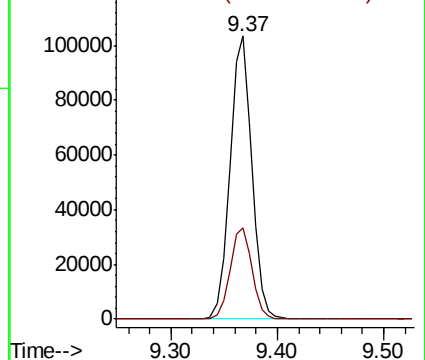
76 100

78 32.5 26.1 39.1



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: 264.322 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX013121.D

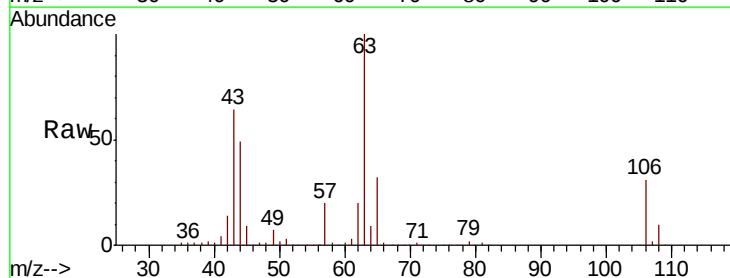
Acq: 17 Oct 2019 20:37

Tgt Ion: 63 Resp: 316682

Ion Ratio Lower Upper

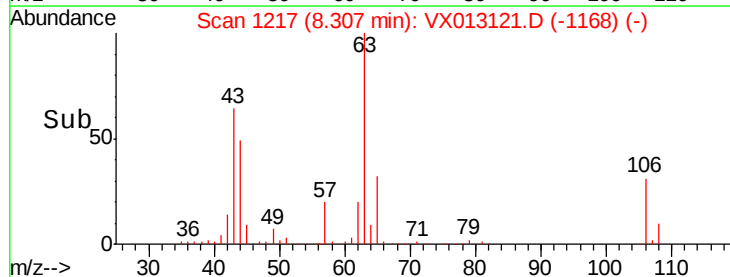
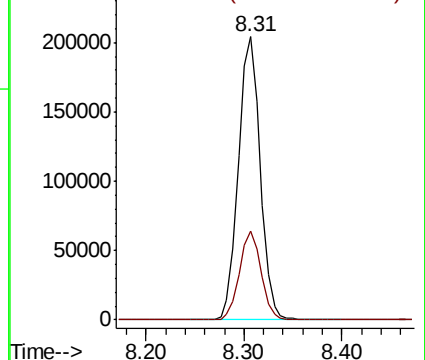
63 100

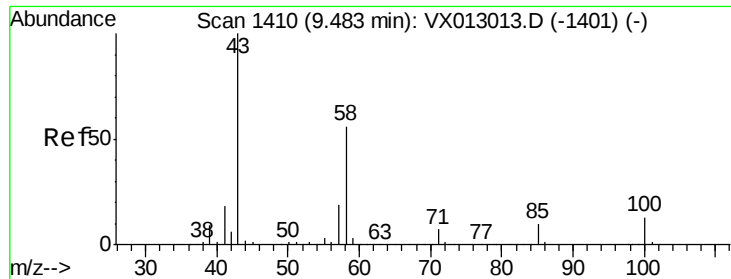
106 31.0 23.8 35.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

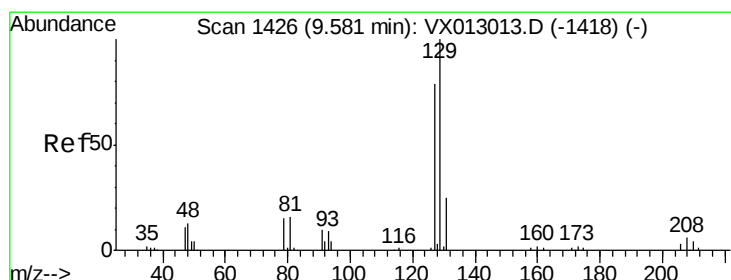
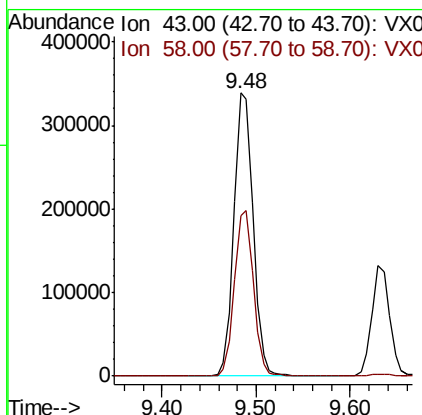
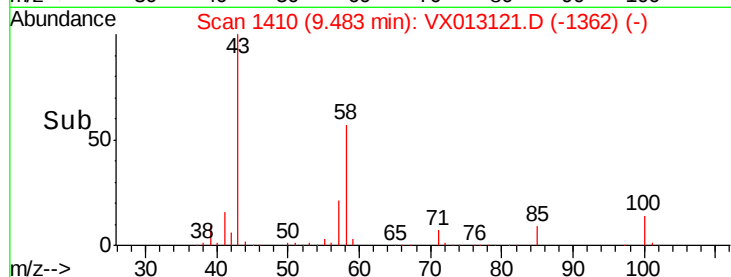
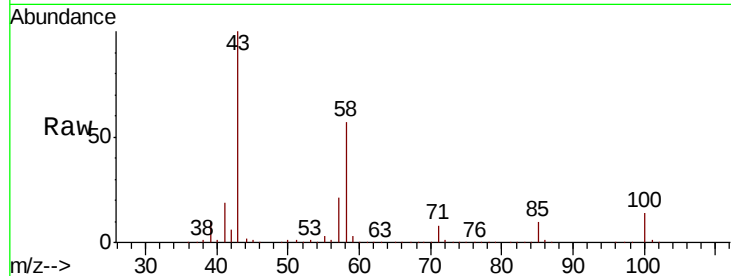




#59
2-Hexanone
Concen: 252.211 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX013121.D
Acq: 17 Oct 2019 20:37

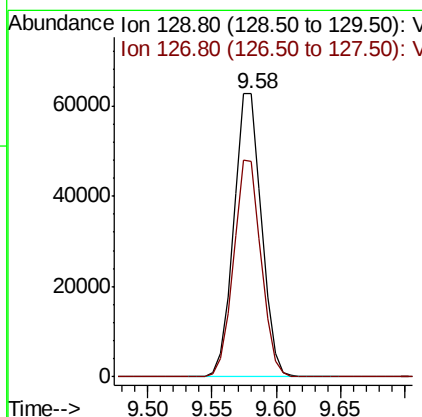
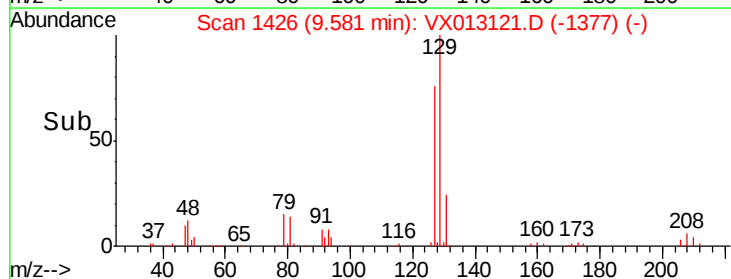
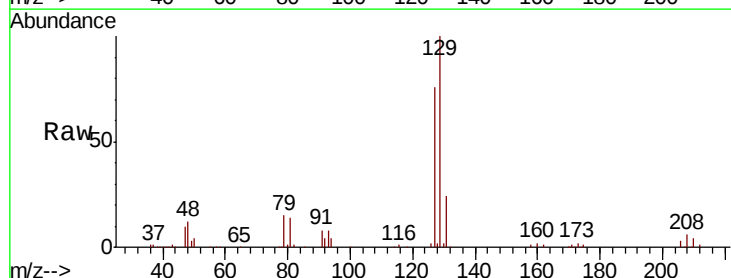
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

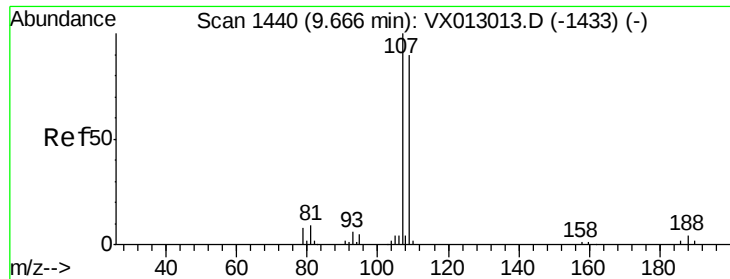
Tot Ion: 43 Resp: 479146
Ion Ratio Lower Upper
43 100
58 58.0 28.1 84.3



#60
Dibromochloromethane
Concen: 51.577 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX013121.D
Acq: 17 Oct 2019 20:37

Tgt Ion: 129 Resp: 93718
Ion Ratio Lower Upper
129 100
127 75.9 38.9 116.7





#61

1,2-Dibromoethane

Concen: 54.758 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013121.D

Acq: 17 Oct 2019 20:37

Instrument :

MSVOA_X

ClientSampleId :

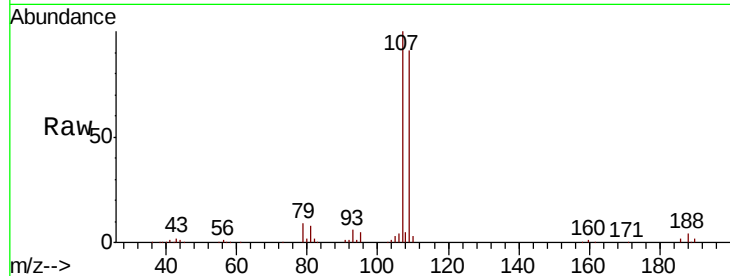
VSTDCCC050EC

Tot Ion:107 Resp: 93945

Ion Ratio Lower Upper

107 100

109 93.0 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

80000

60000

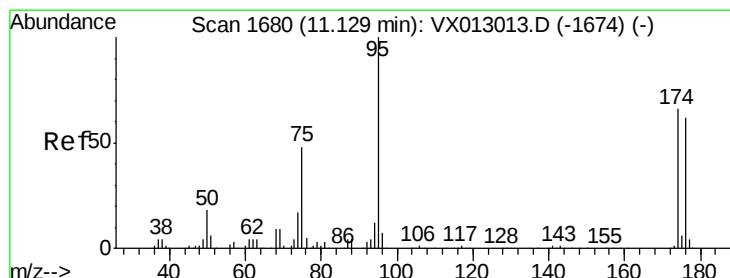
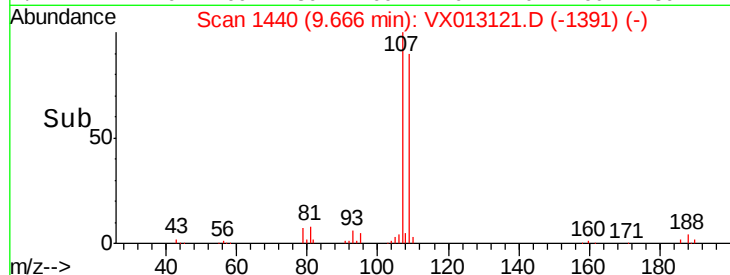
40000

20000

0

Time-->

9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 53.022 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX013121.D

Acq: 17 Oct 2019 20:37

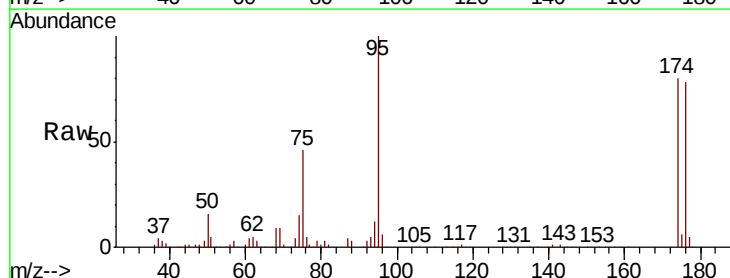
Tgt Ion: 95 Resp: 114405

Ion Ratio Lower Upper

95 100

174 72.4 0.0 143.4

176 73.7 0.0 136.0



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

120000

100000

80000

60000

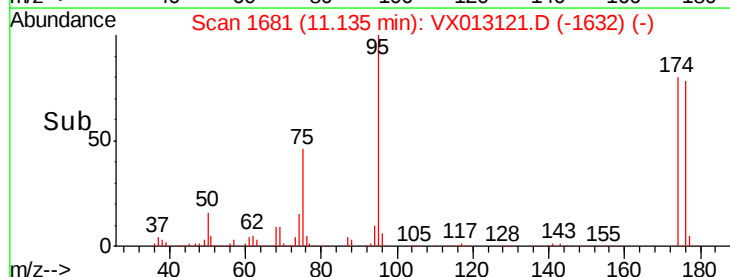
40000

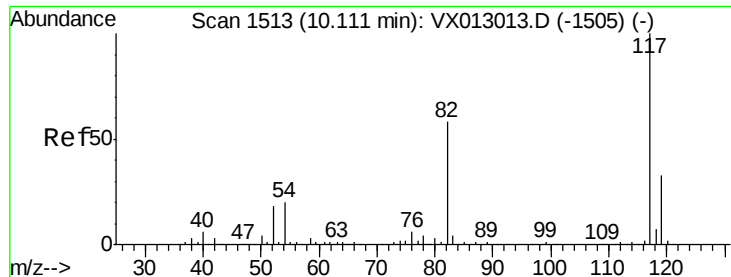
20000

0

Time-->

11.05 11.10 11.15 11.20

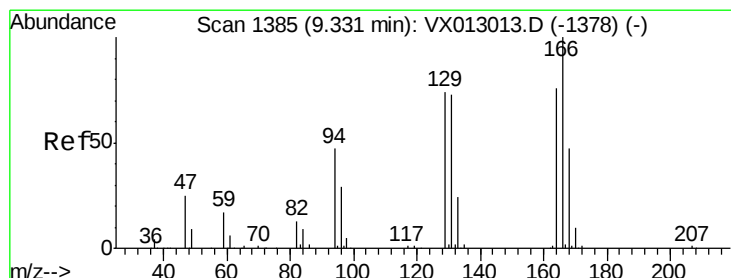
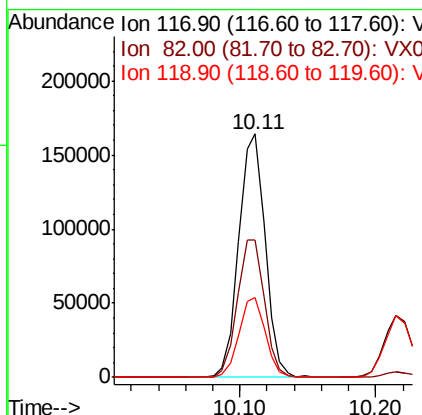
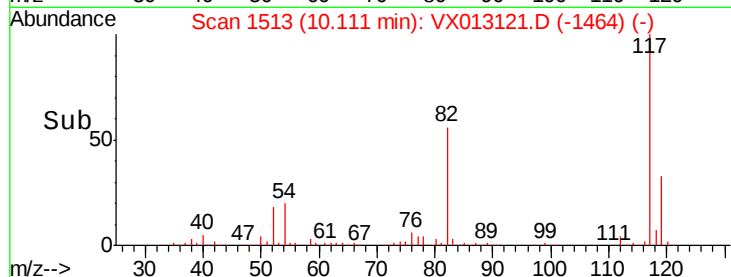
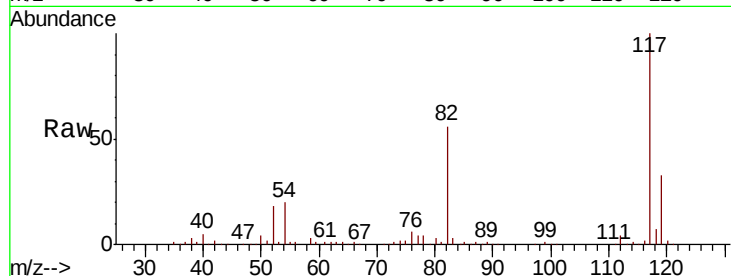




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013121.D
Acq: 17 Oct 2019 20:37

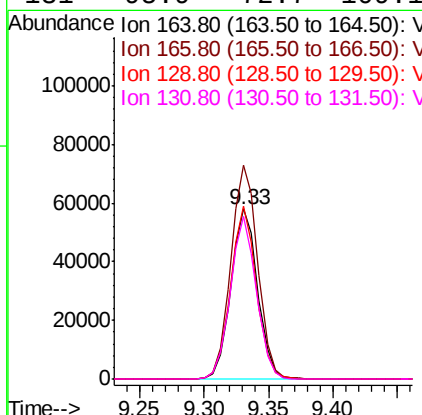
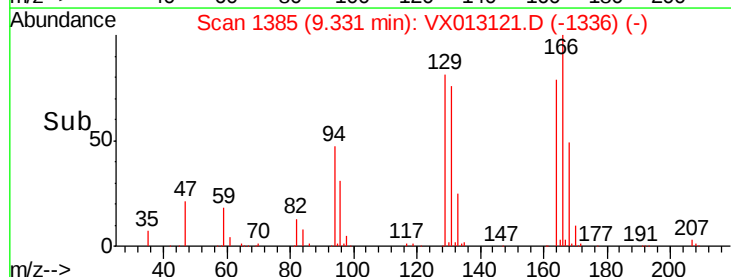
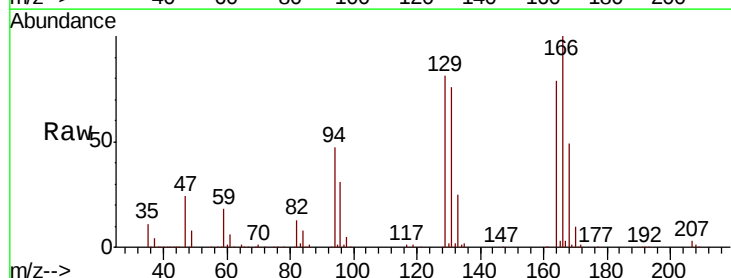
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

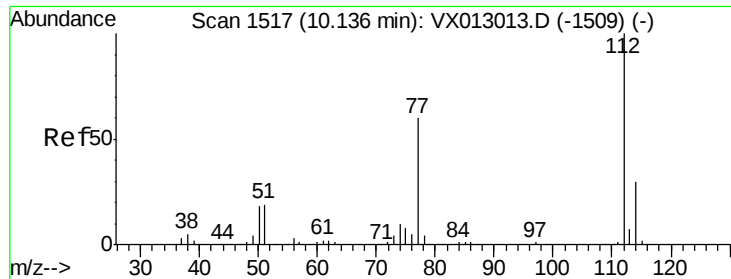
Tot Ion:117 Resp: 222622
Ion Ratio Lower Upper
117 100
82 56.2 44.1 66.1
119 32.8 25.8 38.8



#64
Tetrachloroethene
Concen: 54.125 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013121.D
Acq: 17 Oct 2019 20:37

Tgt Ion:164 Resp: 83575
Ion Ratio Lower Upper
164 100
166 125.8 96.9 145.3
129 102.1 77.9 116.9
131 95.9 72.7 109.1





#65

Chlorobenzene

Concen: 52.213 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX013121.D

Acq: 17 Oct 2019 20:37

Instrument :

MSVOA_X

ClientSampleId :

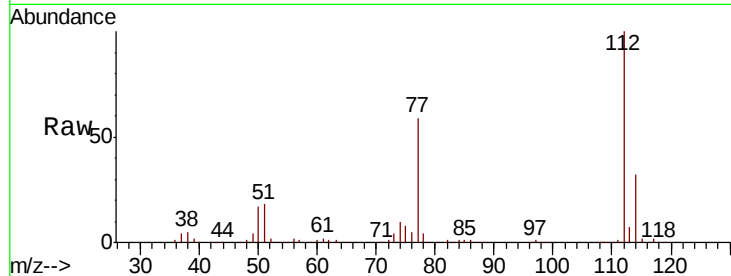
VSTDCCC050EC

Tot Ion:112 Resp: 230831

Ion Ratio Lower Upper

112 100

114 31.6 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

200000

150000

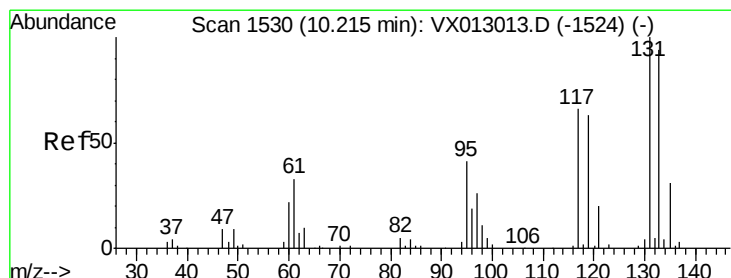
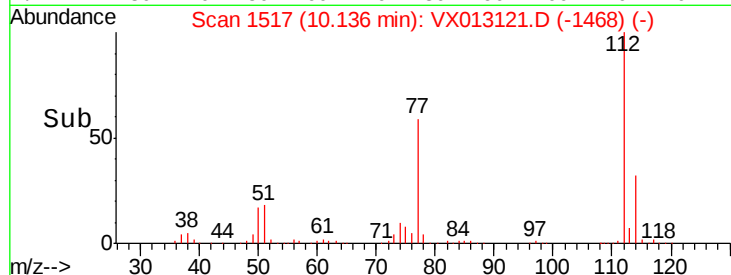
100000

50000

0

10.10 10.20

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 57.358 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX013121.D

Acq: 17 Oct 2019 20:37

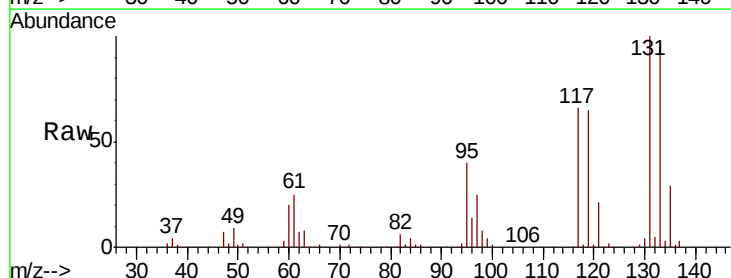
Tgt Ion:131 Resp: 87921

Ion Ratio Lower Upper

131 100

133 95.7 47.2 141.6

119 64.4 32.6 98.0



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

80000

60000

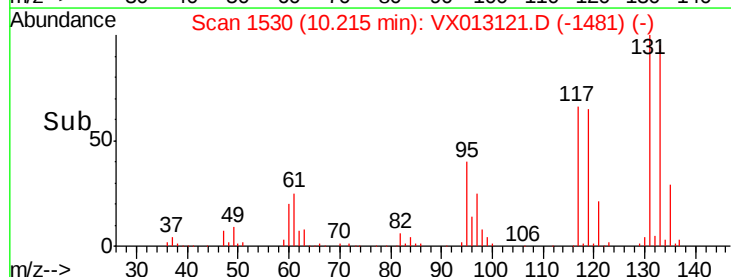
40000

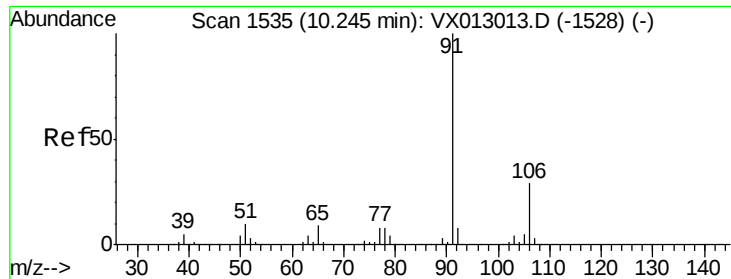
20000

0

10.15 10.20 10.25 10.30

Time-->

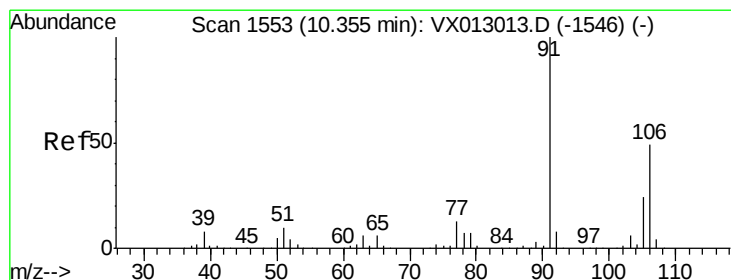
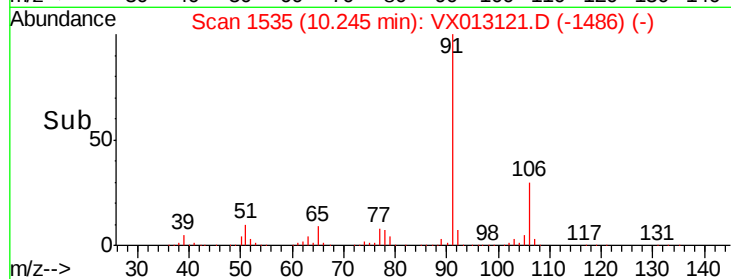
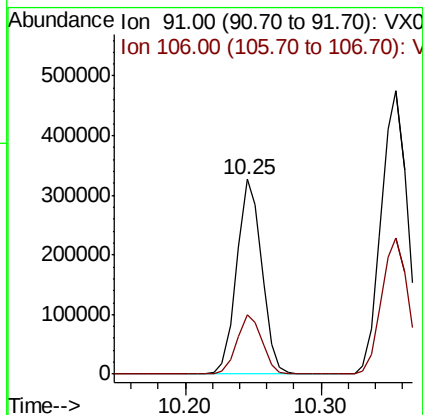
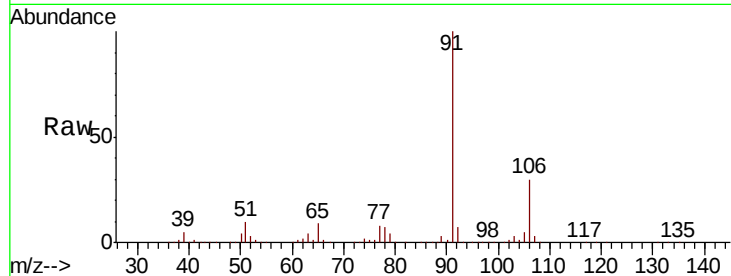




#67
Ethyl Benzene
Concen: 53.455 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX013121.D
Acq: 17 Oct 2019 20:37

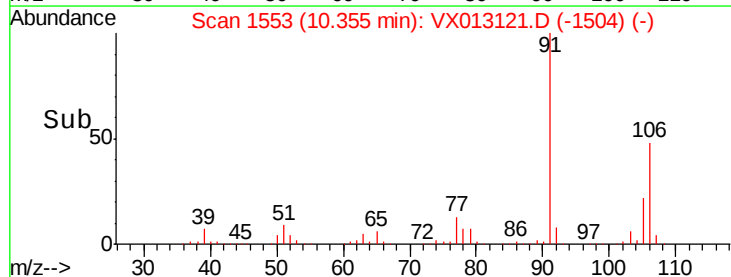
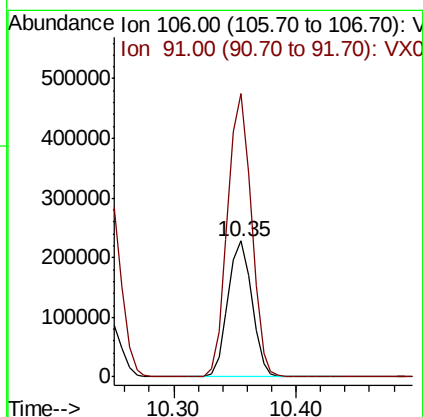
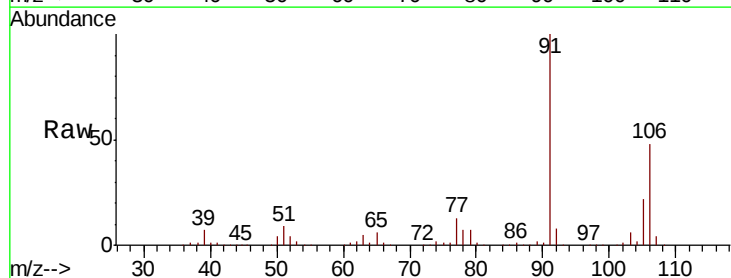
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

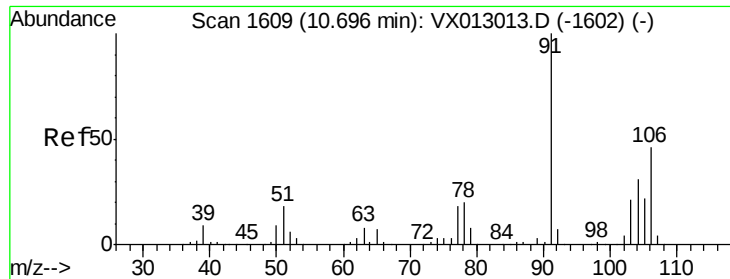
Tot Ion: 91 Resp: 419776
Ion Ratio Lower Upper
91 100
106 30.2 23.9 35.9



#68
m/p-Xylenes
Concen: 105.974 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX013121.D
Acq: 17 Oct 2019 20:37

Tgt Ion: 106 Resp: 310893
Ion Ratio Lower Upper
106 100
91 206.7 165.3 247.9

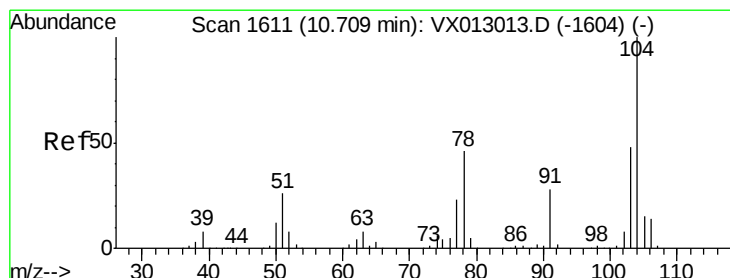
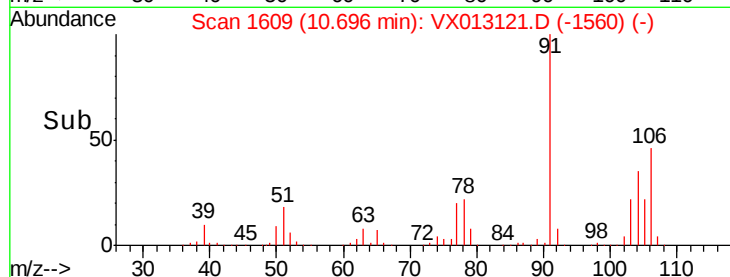
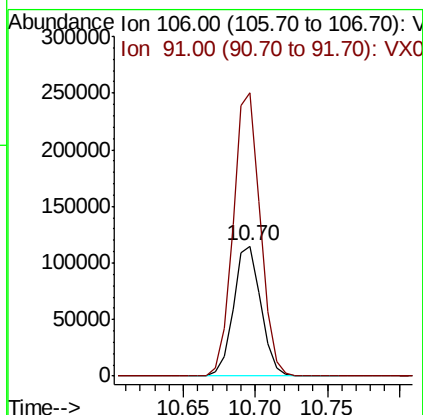
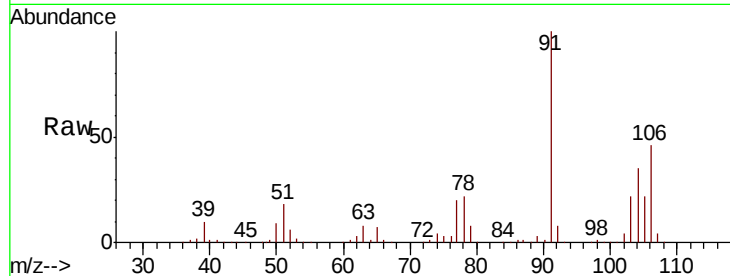




#69
o-Xylene
Concen: 53.346 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013121.D
Acq: 17 Oct 2019 20:37

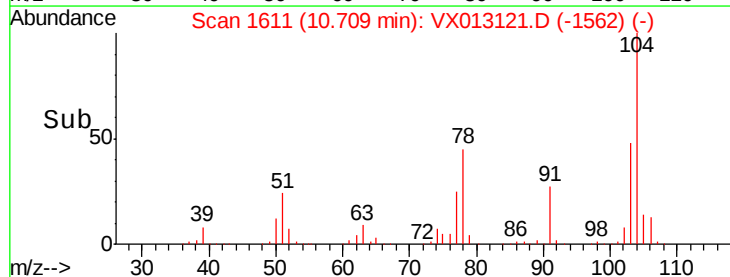
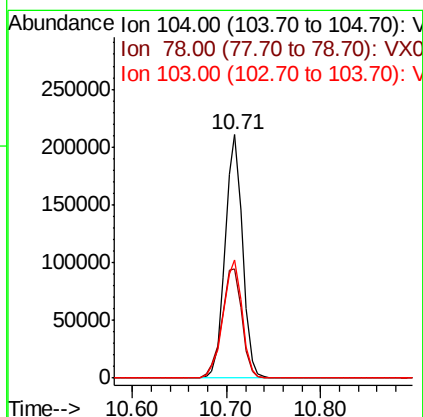
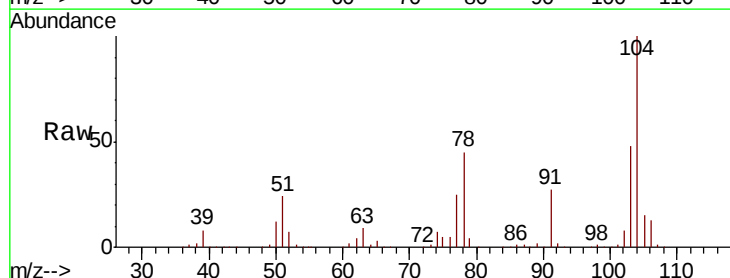
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

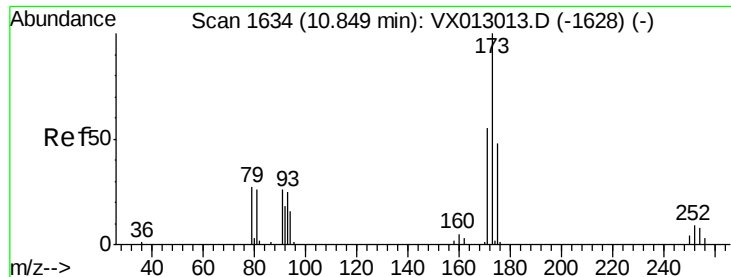
Tot Ion:106 Resp: 152616
Ion Ratio Lower Upper
106 100
91 216.7 109.1 327.3



#70
Styrene
Concen: 55.444 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013121.D
Acq: 17 Oct 2019 20:37

Tgt Ion:104 Resp: 269650
Ion Ratio Lower Upper
104 100
78 51.8 41.2 61.8
103 52.8 43.0 64.4





#71

Bromoform

Concen: 50.101 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX013121.D

Acq: 17 Oct 2019 20:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

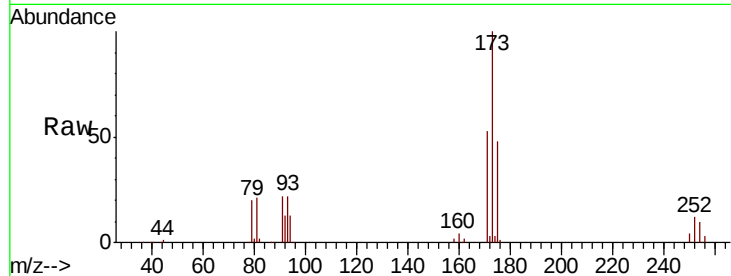
Tot Ion:173 Resp: 65431

Ion Ratio Lower Upper

173 100

175 49.9 24.1 72.3

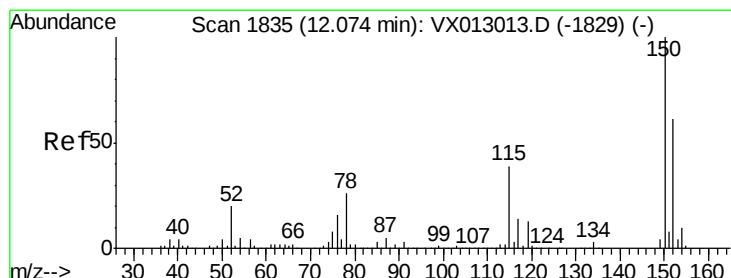
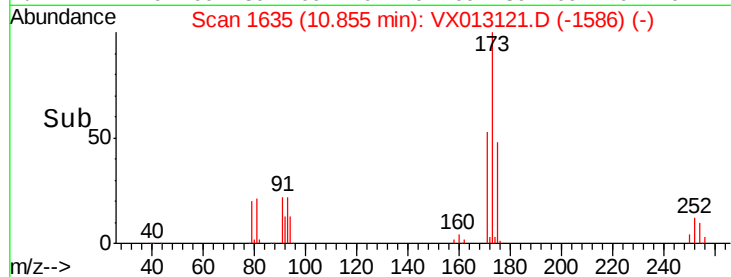
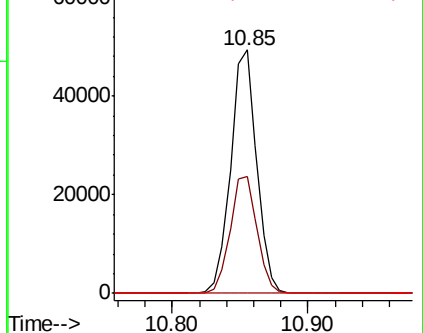
254 0.1 0.1 0.1#



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: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX013121.D

Acq: 17 Oct 2019 20:37

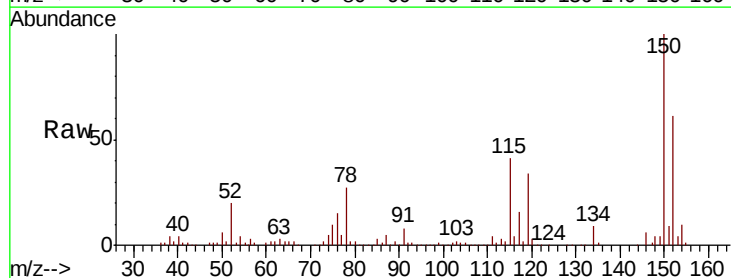
Tgt Ion:152 Resp: 111073

Ion Ratio Lower Upper

152 100

115 84.6 44.5 133.5

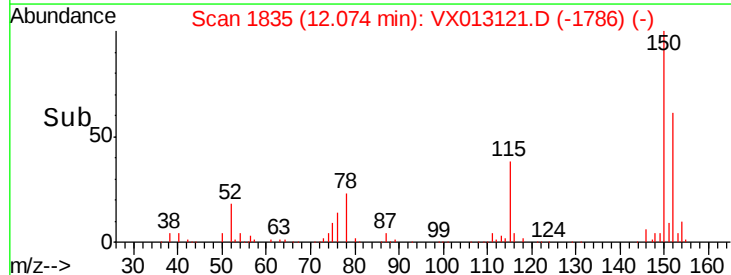
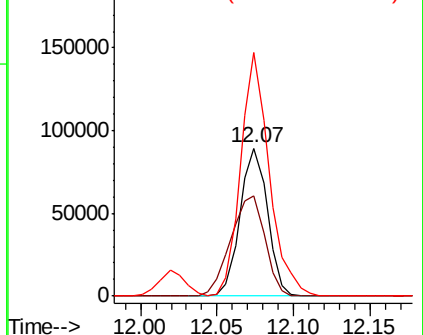
150 171.4 0.0 353.4

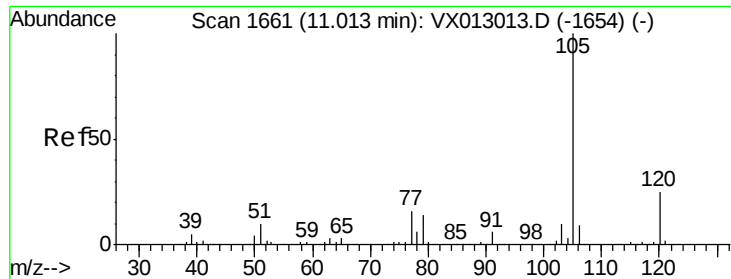


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.642 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013121.D

Acq: 17 Oct 2019 20:37

Instrument :

MSVOA_X

ClientSampleId :

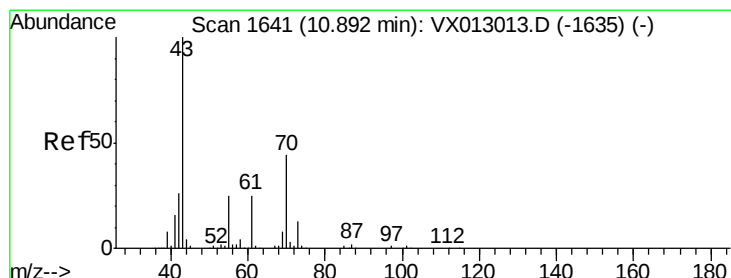
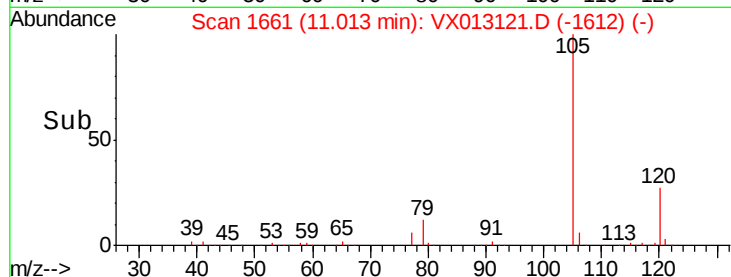
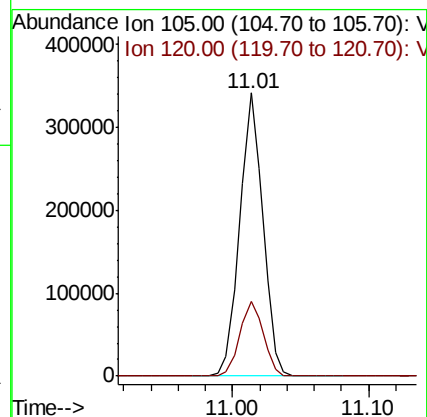
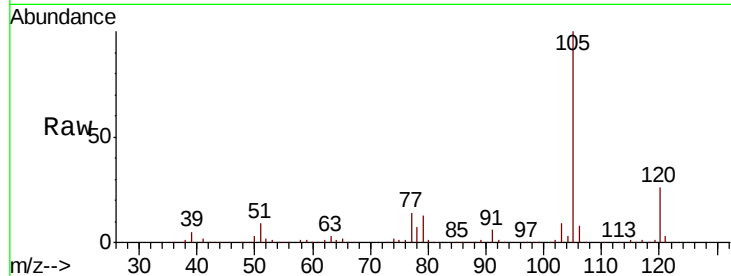
VSTDCCC050EC

Tot Ion:105 Resp: 405390

Ion Ratio Lower Upper

105 100

120 26.9 13.0 39.0



#74

N-ethyl acetate

Concen: 48.840 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013121.D

Acq: 17 Oct 2019 20:37

Tgt Ion: 43 Resp: 171773

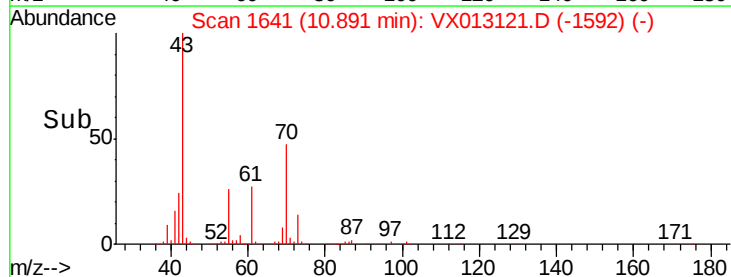
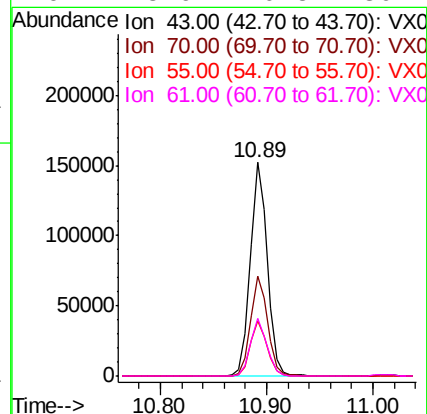
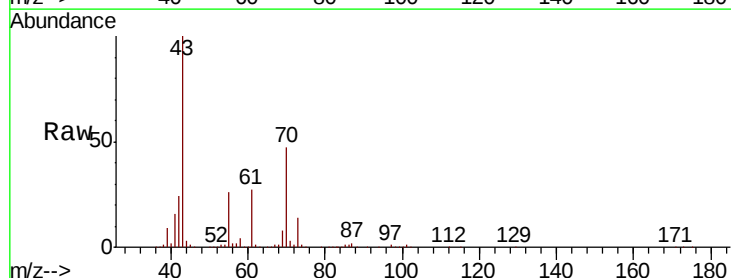
Ion Ratio Lower Upper

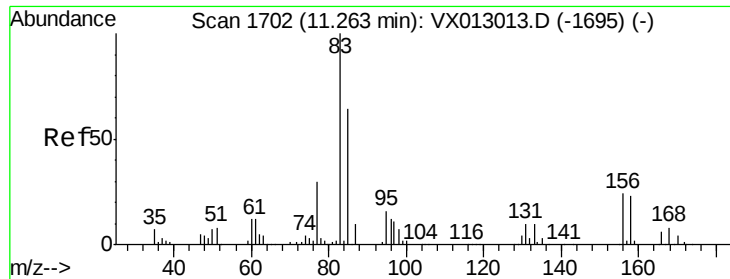
43 100

70 46.7 36.4 54.6

55 25.5 20.2 30.2

61 25.9 20.5 30.7





#75

1,1,2,2-Tetrachloroethane

Concen: 50.867 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013121.D

Acq: 17 Oct 2019 20:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

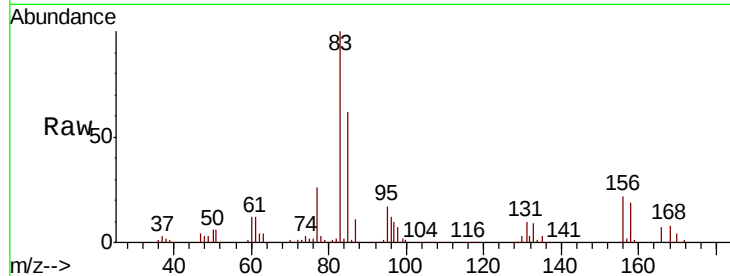
Tot Ion: 83 Resp: 138162

Ion Ratio Lower Upper

83 100

131 10.2 5.1 15.3

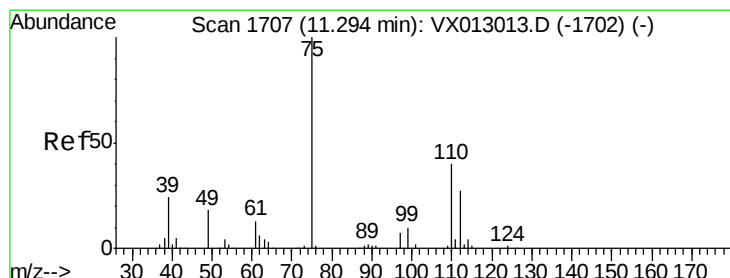
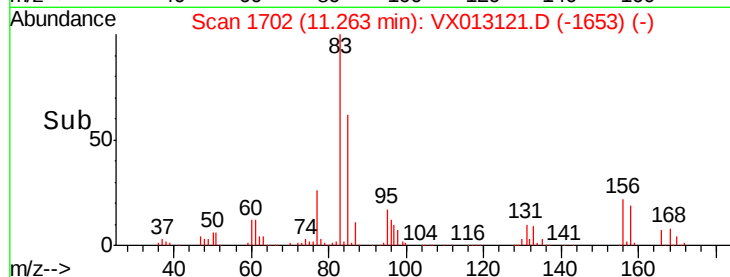
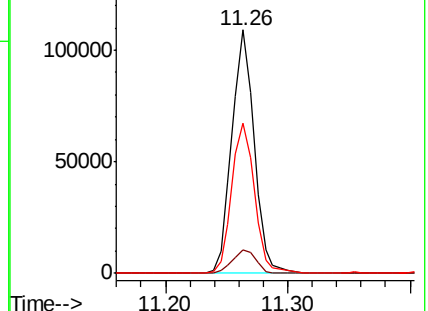
85 62.9 32.1 96.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 64.935 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX013121.D

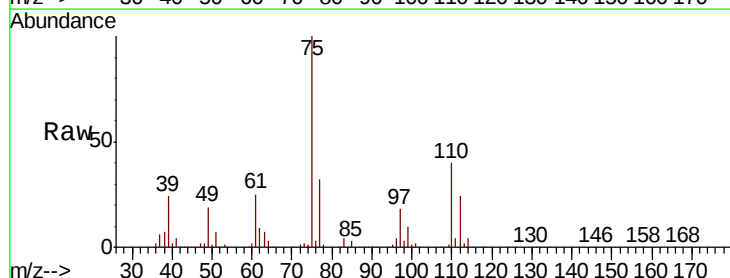
Acq: 17 Oct 2019 20:37

Tgt Ion: 75 Resp: 159972

Ion Ratio Lower Upper

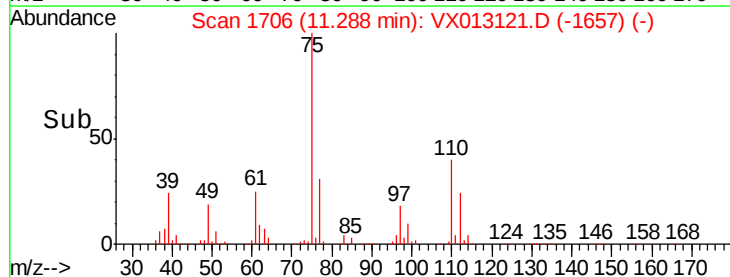
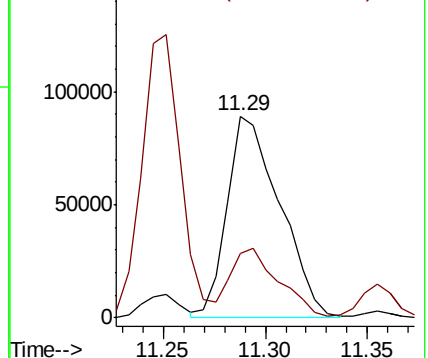
75 100

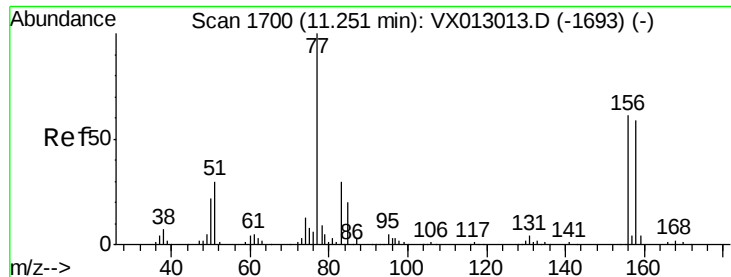
77 31.3 22.9 68.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.872 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013121.D

Acq: 17 Oct 2019 20:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

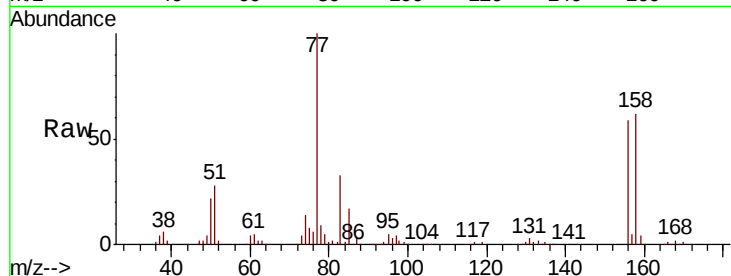
Tot Ion:156 Resp: 97896

Ion Ratio Lower Upper

156 100

77 168.4 83.7 251.0

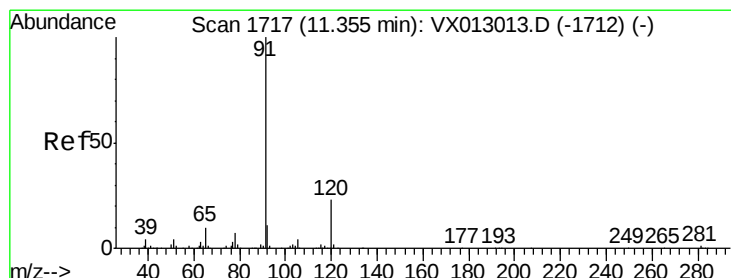
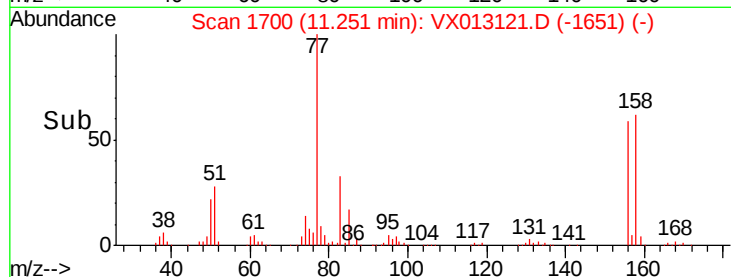
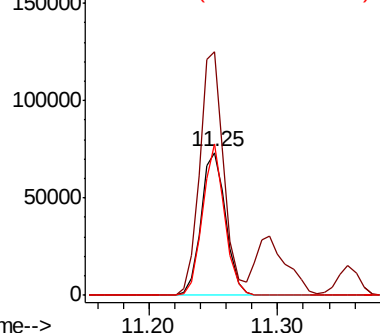
158 95.5 48.6 145.9



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: 48.926 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013121.D

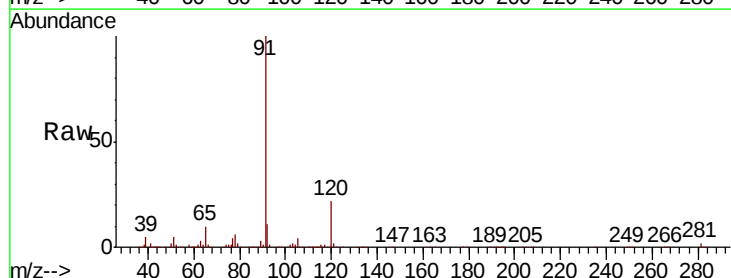
Acq: 17 Oct 2019 20:37

Tgt Ion: 91 Resp: 439651

Ion Ratio Lower Upper

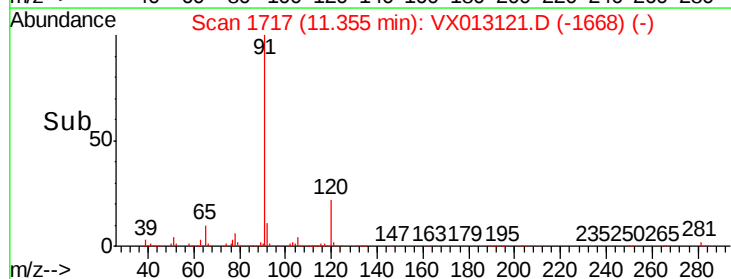
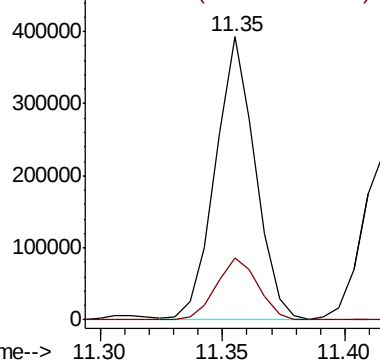
91 100

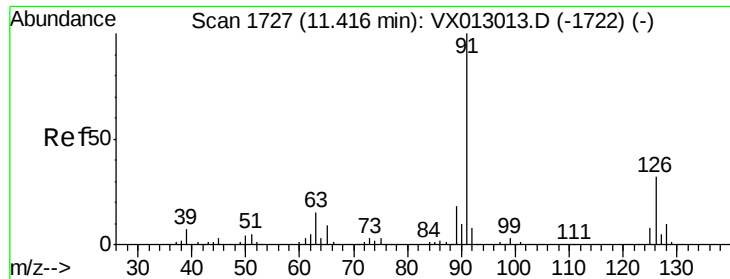
120 23.2 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

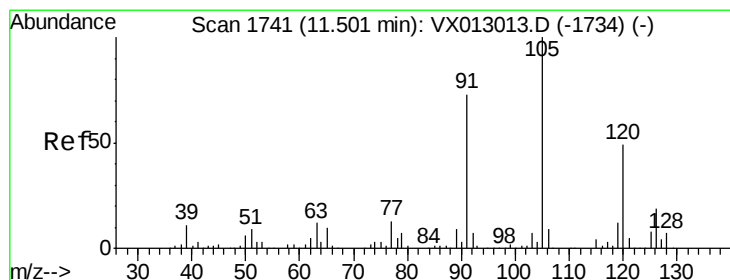
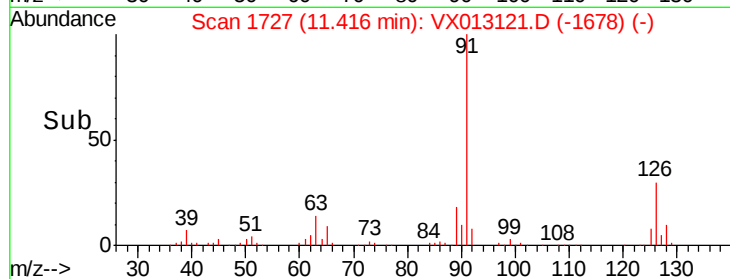
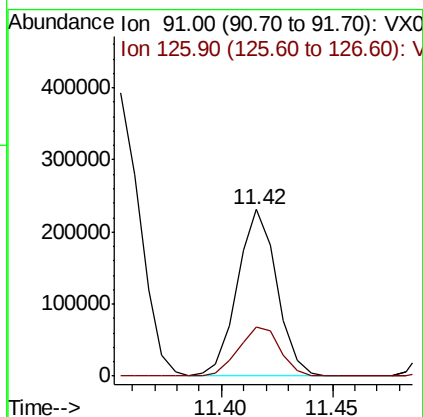
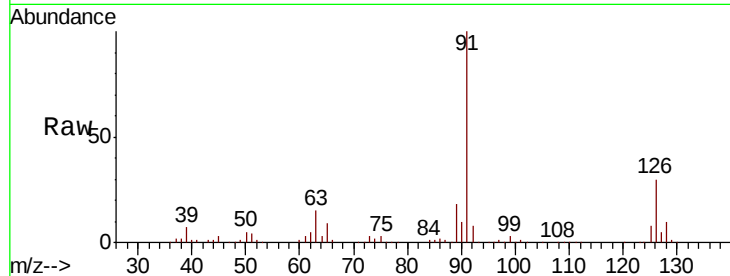




#79
 2-Chlorotoluene
 Concen: 50.336 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX013121.D
 Acq: 17 Oct 2019 20:37

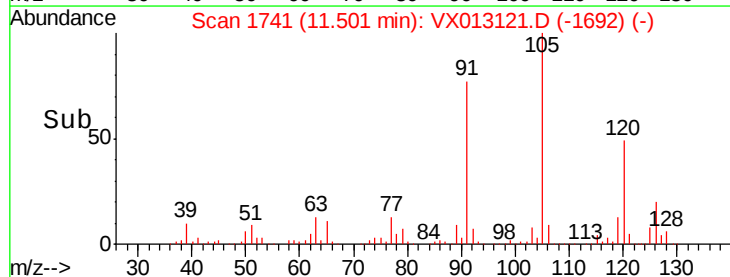
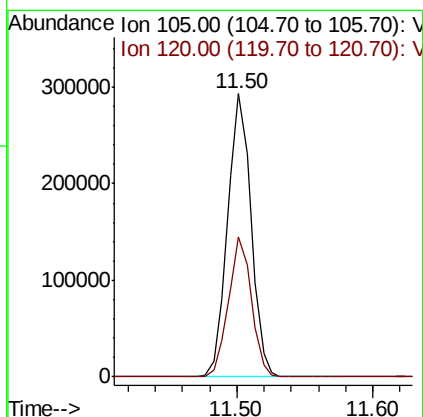
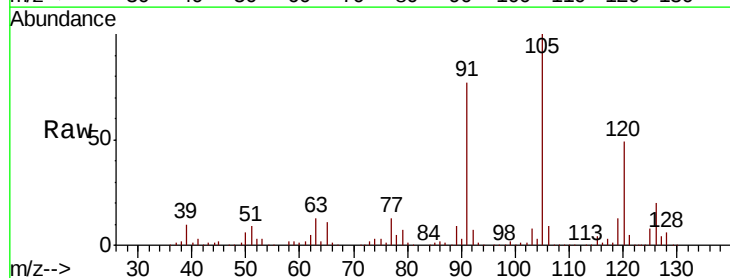
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

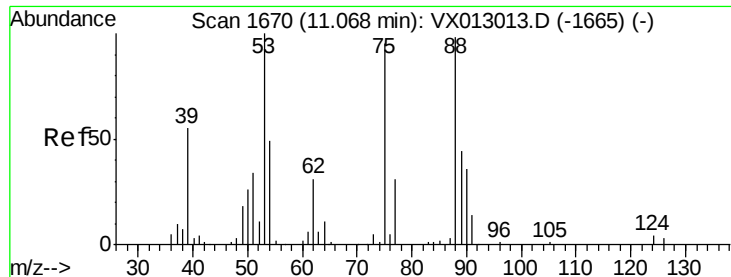
Tot Ion: 91 Resp: 284265
 Ion Ratio Lower Upper
 91 100
 126 31.6 16.3 48.8



#80
 1,3,5-Trimethylbenzene
 Concen: 51.451 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX013121.D
 Acq: 17 Oct 2019 20:37

Tgt Ion: 105 Resp: 350838
 Ion Ratio Lower Upper
 105 100
 120 48.6 24.8 74.3

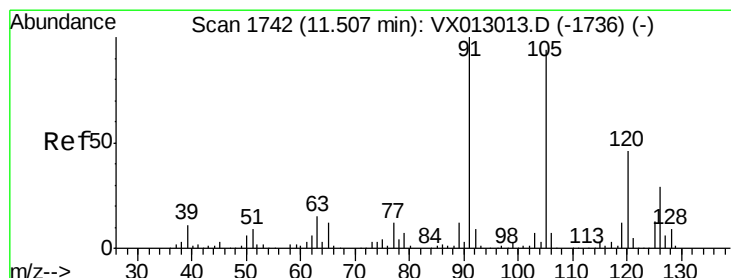
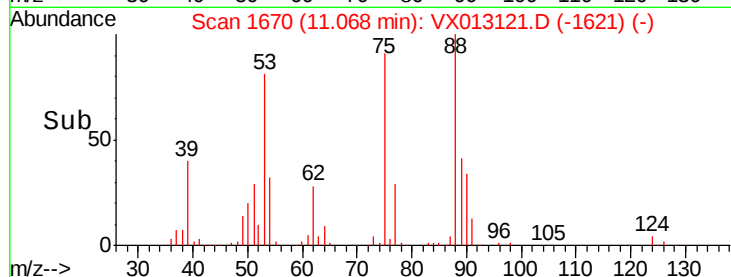
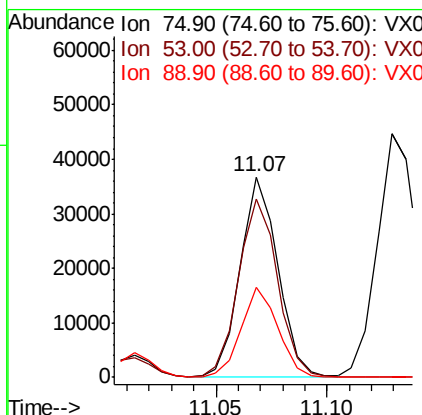
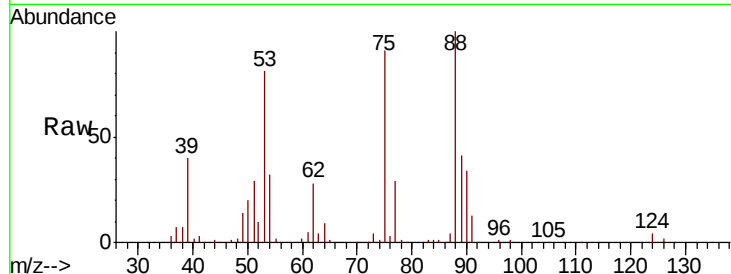




#81
trans-1,4-Dichloro-2-butene
Concen: 46.056 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX013121.D
Acq: 17 Oct 2019 20:37

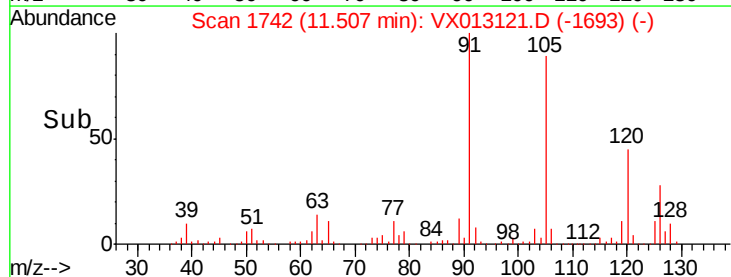
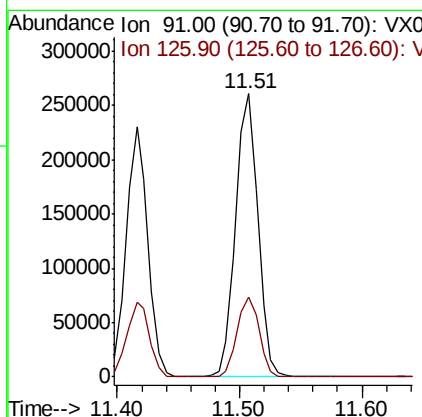
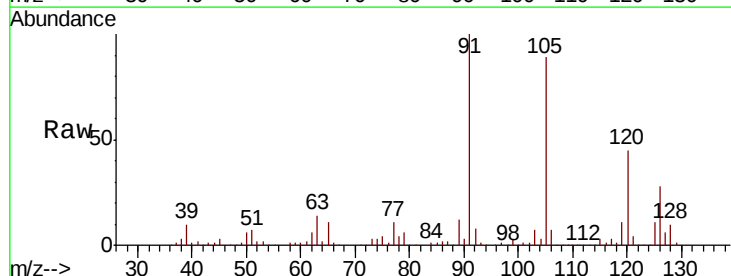
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

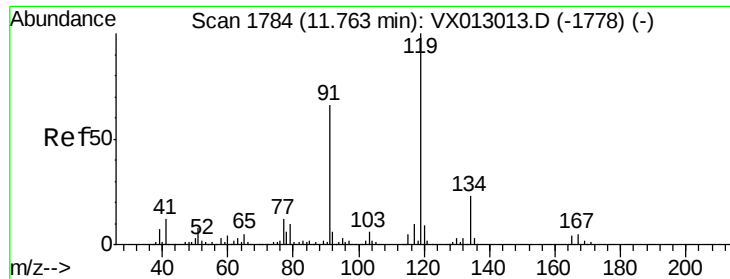
Tot Ion: 75 Resp: 43787
Ion Ratio Lower Upper
75 100
53 91.7 78.5 117.7
89 43.8 37.4 56.2



#82
4-Chlorotoluene
Concen: 50.465 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX013121.D
Acq: 17 Oct 2019 20:37

Tgt Ion: 91 Resp: 326658
Ion Ratio Lower Upper
91 100
126 28.2 14.2 42.6

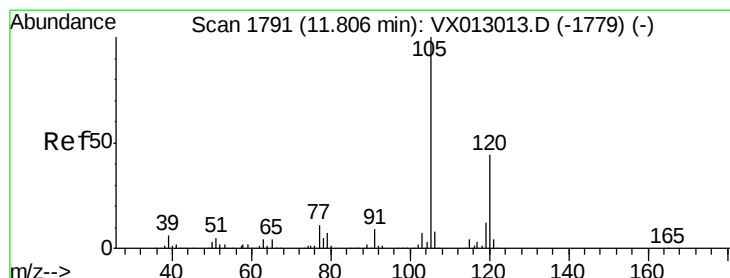
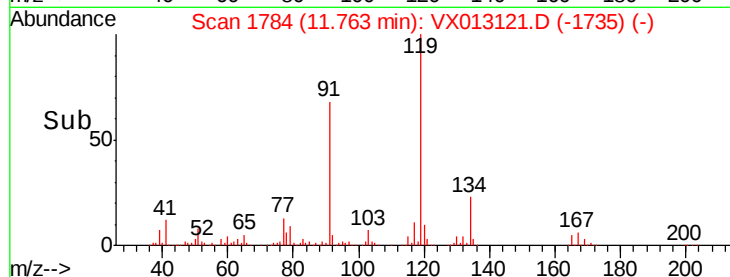
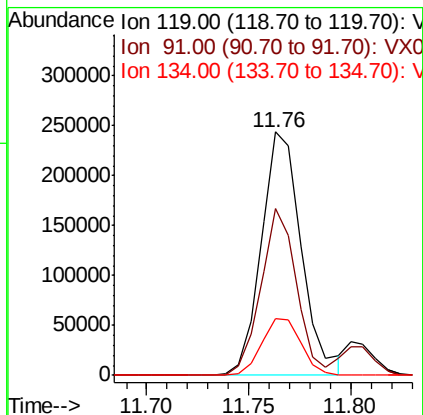
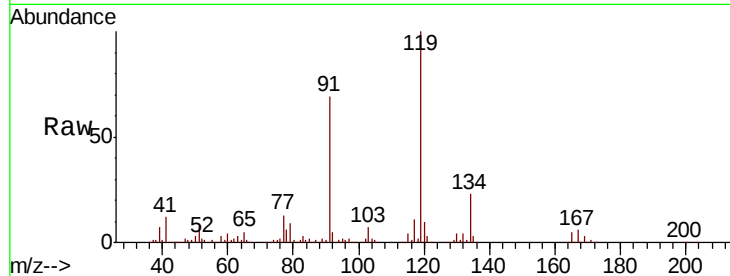




#83
 tert-Butylbenzene
 Concen: 50.123 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: VX013121.D
 Acq: 17 Oct 2019 20:37

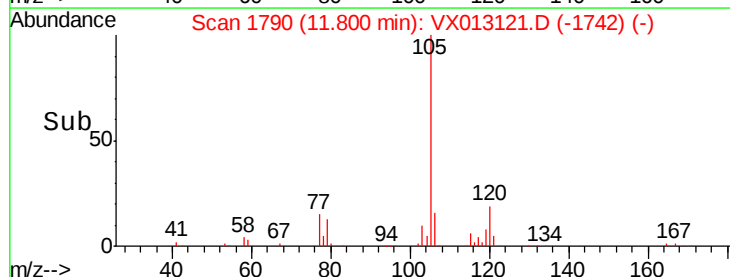
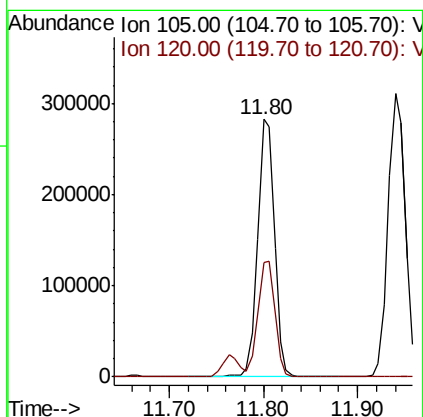
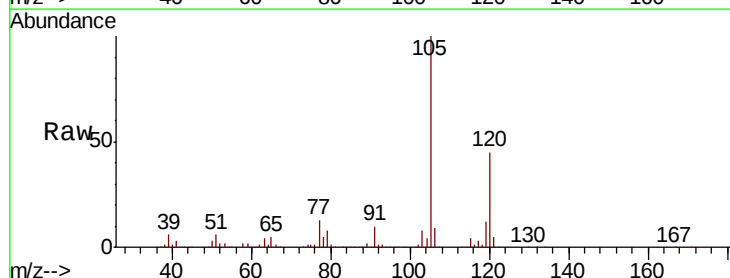
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

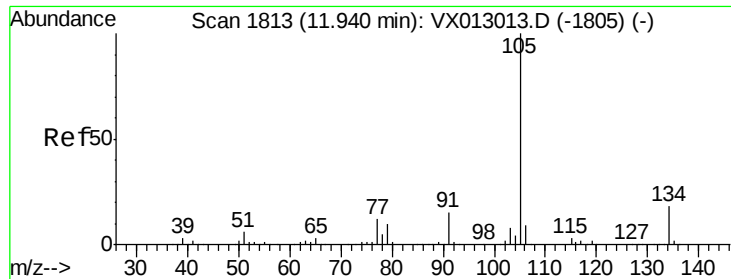
Tot Ion:119 Resp: 333406
 Ion Ratio Lower Upper
 119 100
 91 60.9 29.3 87.9
 134 23.1 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 50.920 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX013121.D
 Acq: 17 Oct 2019 20:37

Tgt Ion:105 Resp: 351653
 Ion Ratio Lower Upper
 105 100
 120 45.3 21.8 65.3





#85

sec-Butylbenzene

Concen: 51.200 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013121.D

Acq: 17 Oct 2019 20:37

Instrument :

MSVOA_X

ClientSampleId :

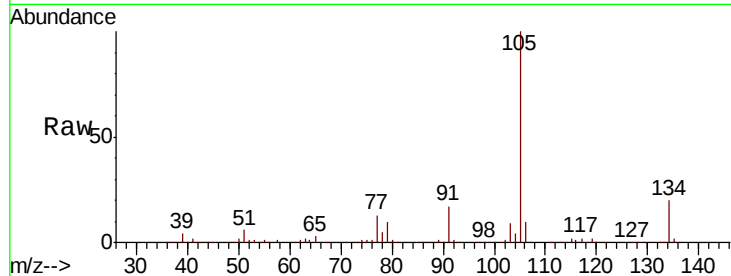
VSTDCCC050EC

Tot Ion:105 Resp: 394561

Ion Ratio Lower Upper

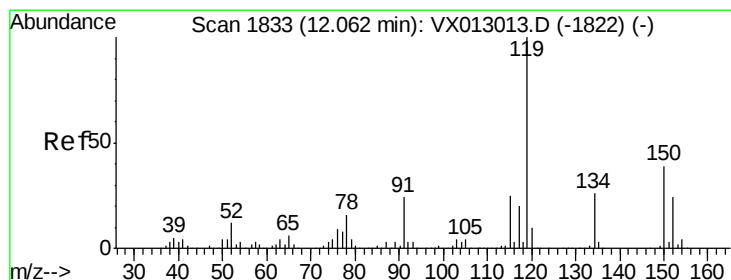
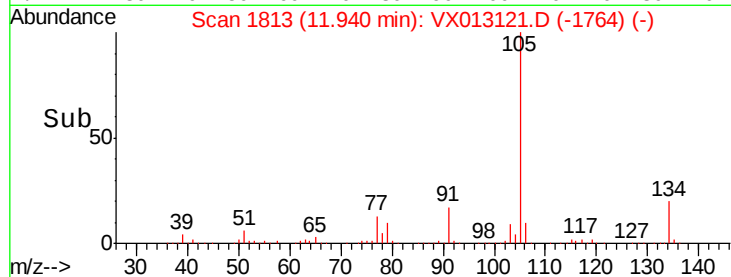
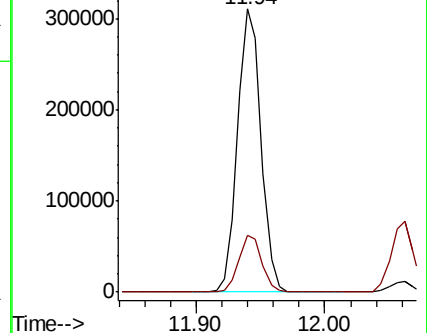
105 100

134 19.8 10.0 30.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.942 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX013121.D

Acq: 17 Oct 2019 20:37

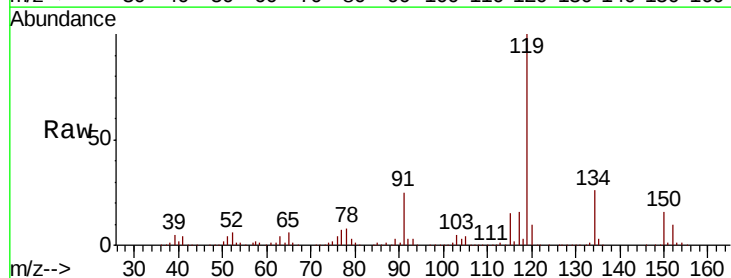
Tgt Ion:119 Resp: 364091

Ion Ratio Lower Upper

119 100

134 25.5 12.6 37.8

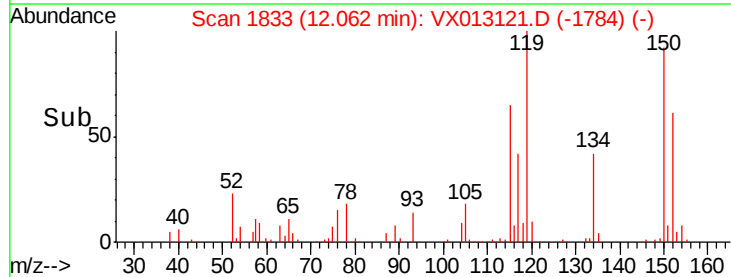
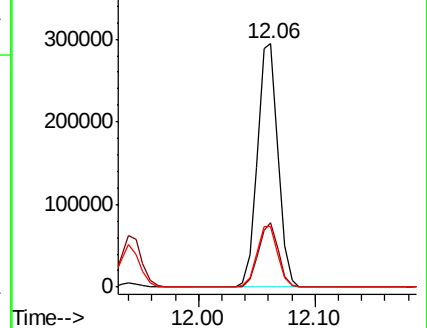
91 25.2 12.4 37.4

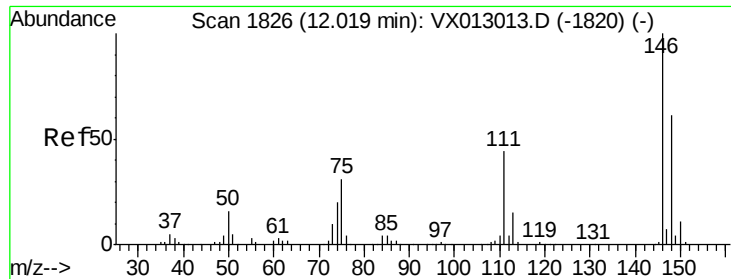


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

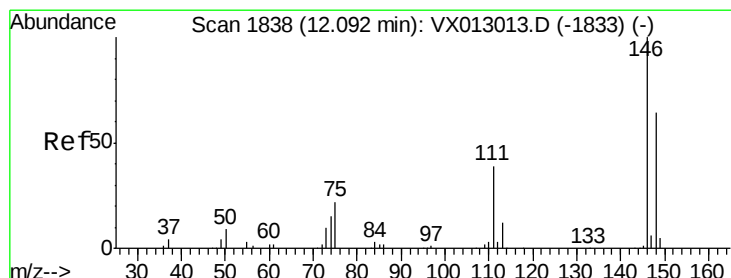
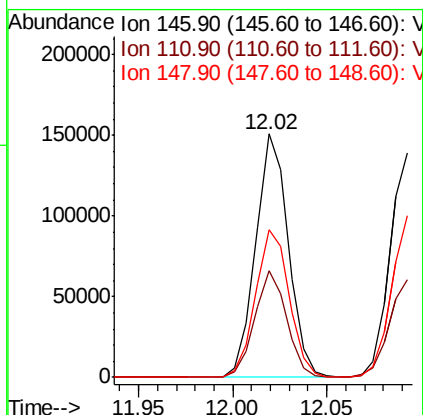
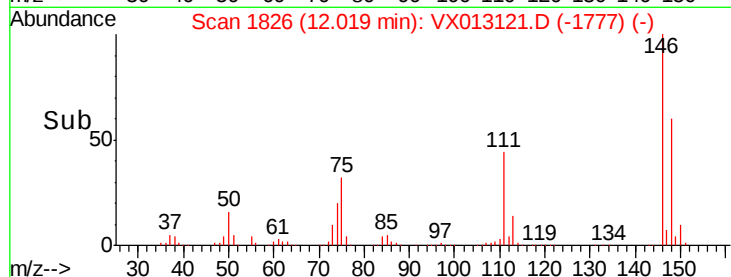
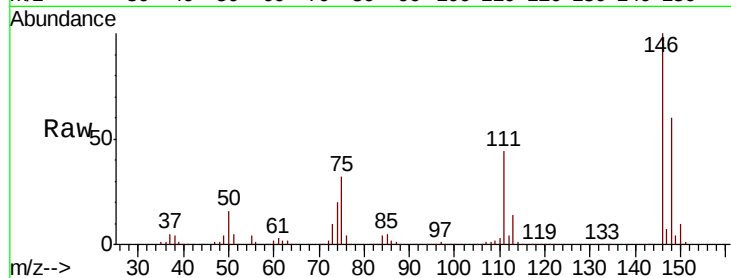




#87
 1,3-Dichlorobenzene
 Concen: 50.702 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX013121.D
 Acq: 17 Oct 2019 20:37

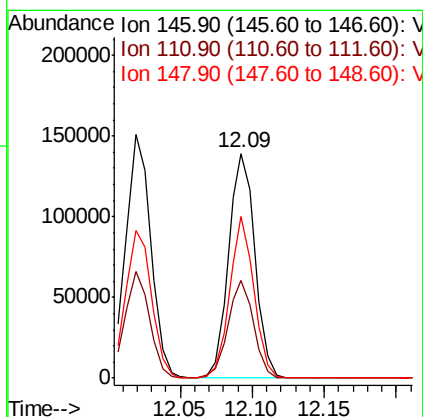
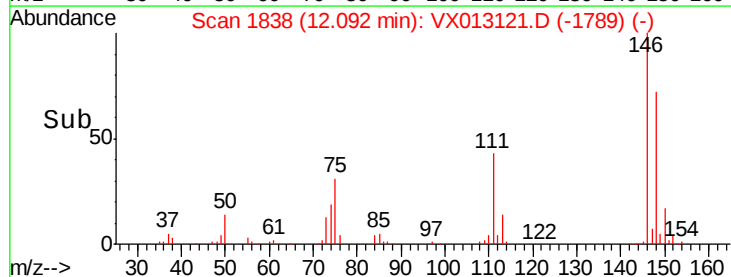
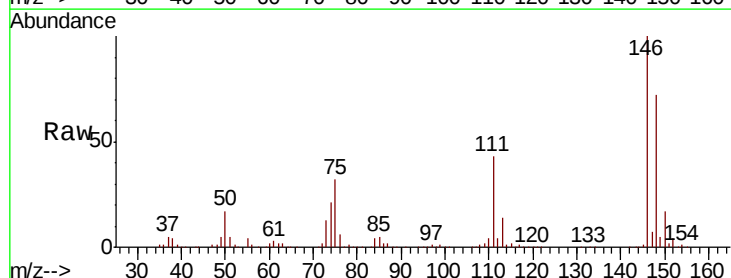
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

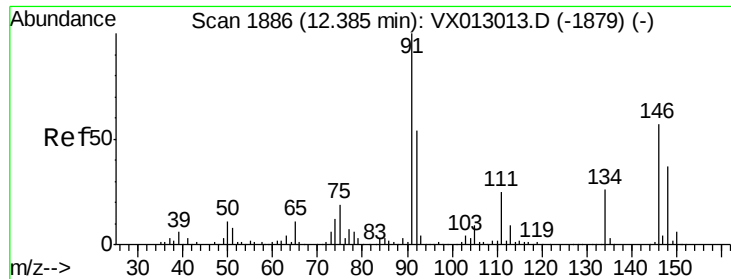
Tot Ion:146 Resp: 181188
 Ion Ratio Lower Upper
 146 100
 111 43.1 21.1 63.4
 148 62.7 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 49.428 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX013121.D
 Acq: 17 Oct 2019 20:37

Tgt Ion:146 Resp: 178891
 Ion Ratio Lower Upper
 146 100
 111 42.4 21.4 64.3
 148 65.9 32.1 96.5





#89

n-Butylbenzene

Concen: 51.466 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX013121.D

Acq: 17 Oct 2019 20:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

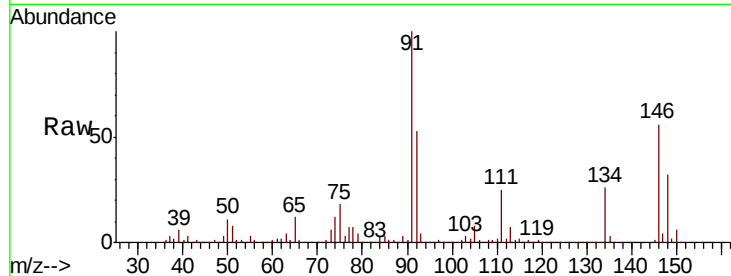
Tot Ion: 91 Resp: 309150

Ion Ratio Lower Upper

91 100

92 54.3 27.5 82.5

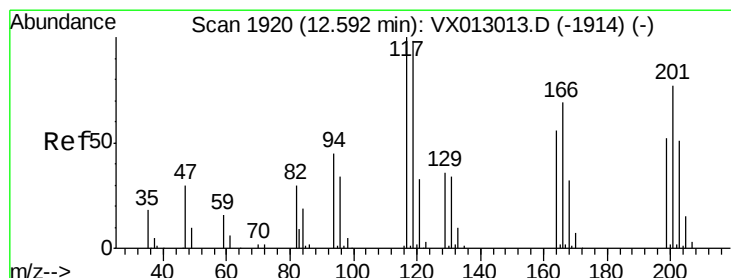
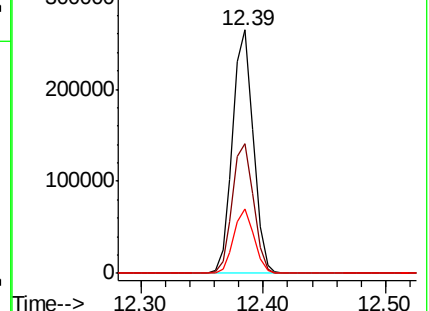
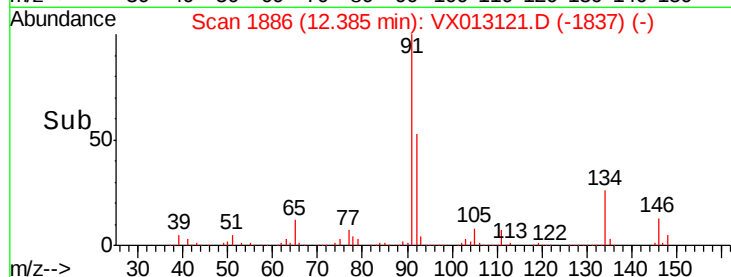
134 26.0 12.9 38.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 48.460 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX013121.D

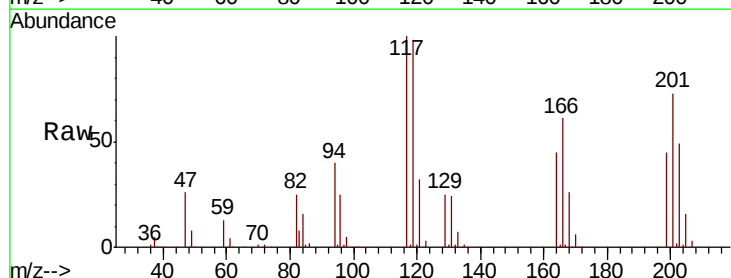
Acq: 17 Oct 2019 20:37

Tgt Ion: 117 Resp: 64059

Ion Ratio Lower Upper

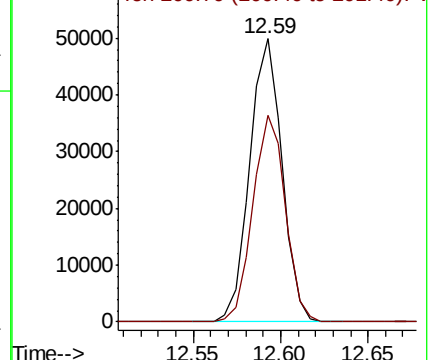
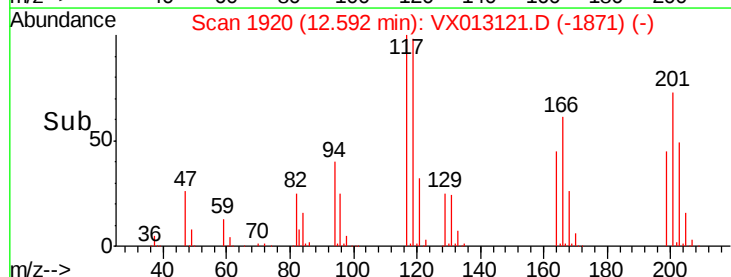
117 100

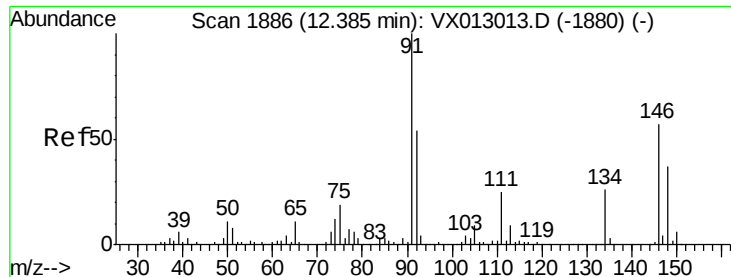
201 73.5 36.9 110.7



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

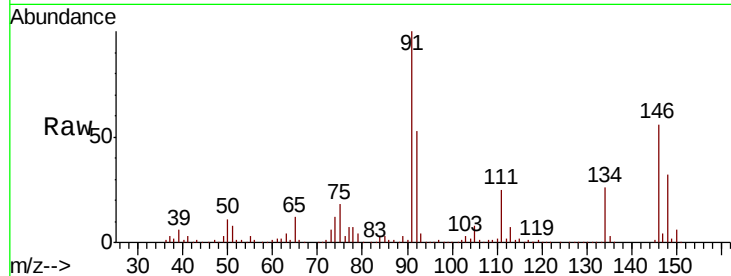




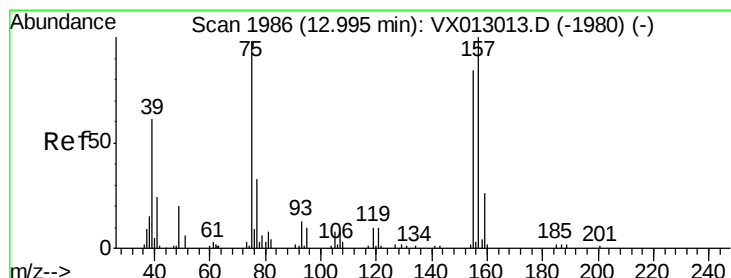
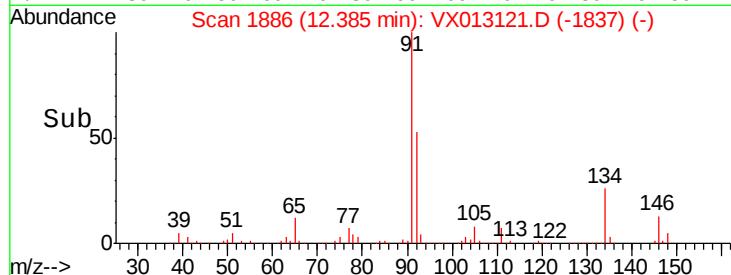
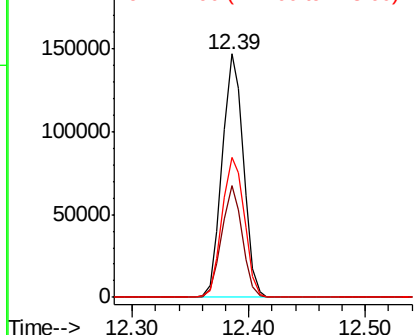
#91
 1,2-Dichlorobenzene
 Concen: 52.905 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX013121.D
 Acq: 17 Oct 2019 20:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:146 Resp: 185346
 Ion Ratio Lower Upper
 146 100
 111 44.0 22.7 68.0
 148 60.3 31.6 94.7

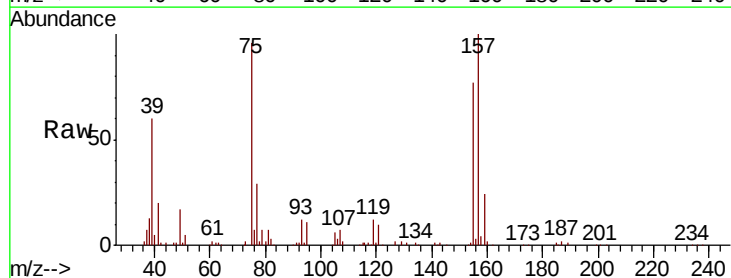


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

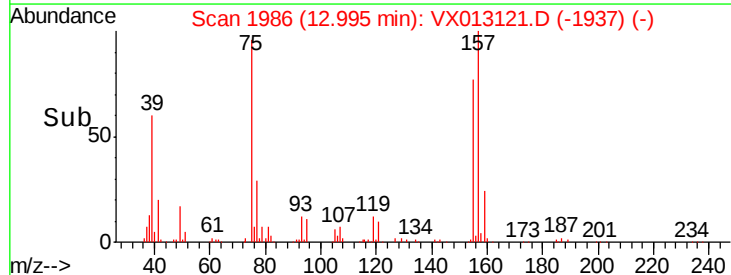
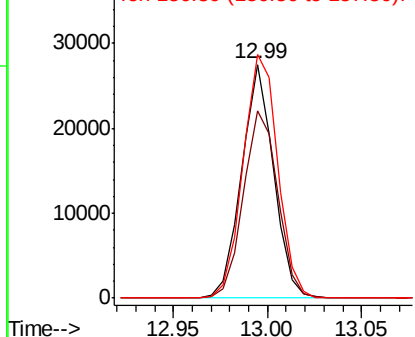


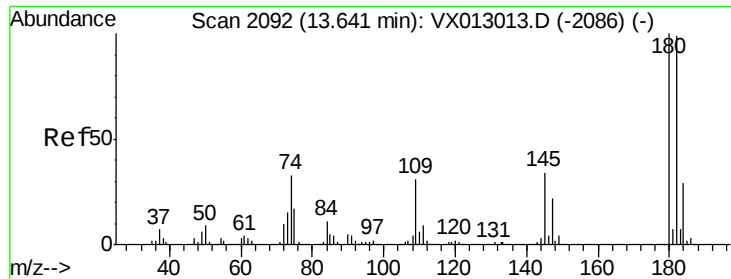
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.755 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX013121.D
 Acq: 17 Oct 2019 20:37

Tgt Ion: 75 Resp: 32311
 Ion Ratio Lower Upper
 75 100
 155 86.1 43.0 128.8
 157 113.2 54.1 162.3



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

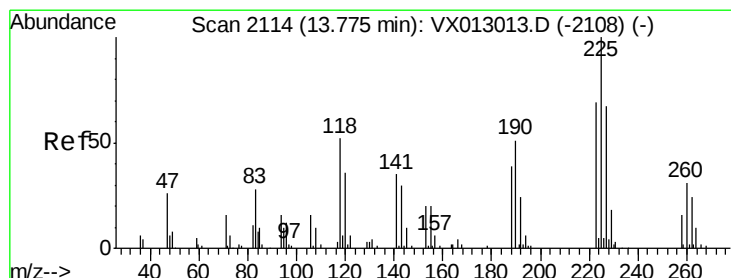
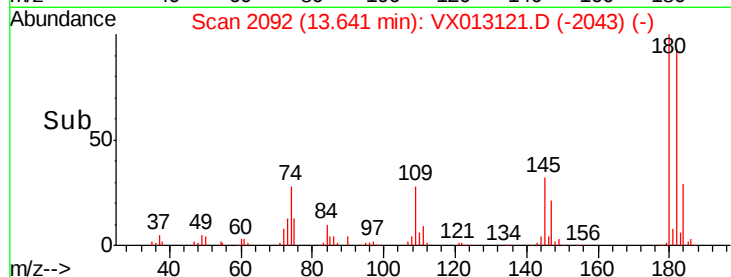
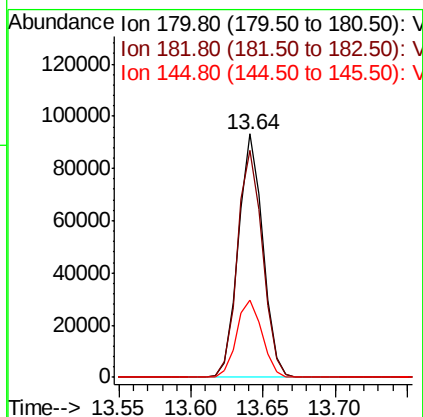
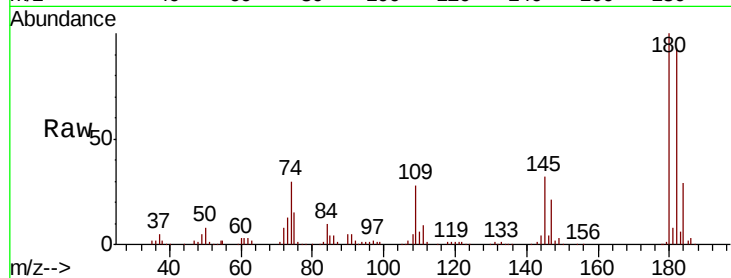




#93
 1,2,4-Trichlorobenzene
 Concen: 50.385 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013121.D
 Acq: 17 Oct 2019 20:37

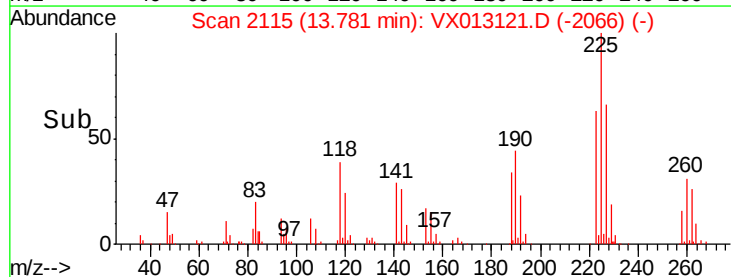
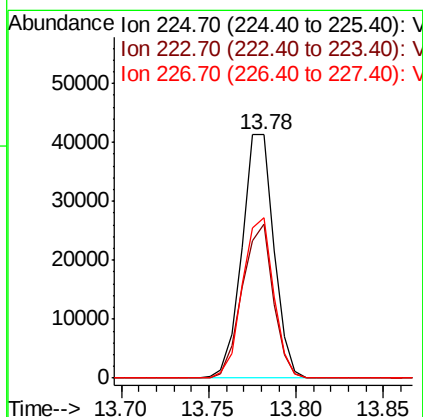
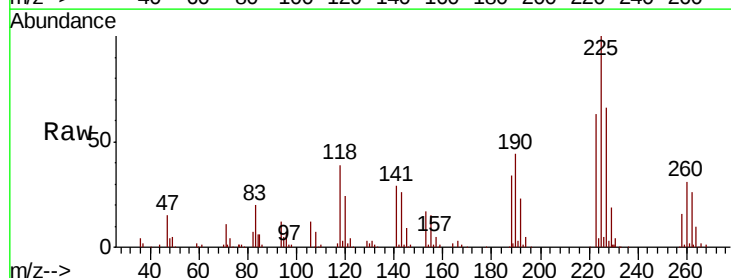
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

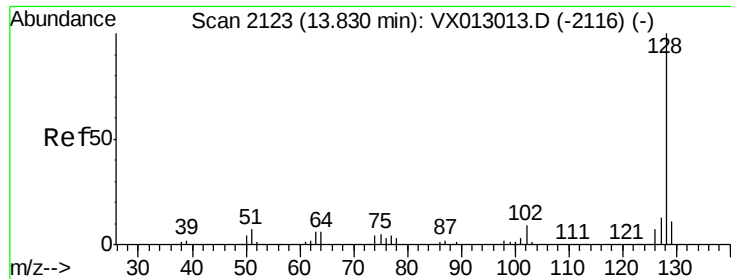
Tot Ion:180 Resp: 110575
 Ion Ratio Lower Upper
 180 100
 182 95.8 46.8 140.4
 145 33.2 16.2 48.6



#94
 Hexachlorobutadiene
 Concen: 51.864 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VX013121.D
 Acq: 17 Oct 2019 20:37

Tgt Ion:225 Resp: 52529
 Ion Ratio Lower Upper
 225 100
 223 61.5 31.1 93.2
 227 64.5 32.3 96.9

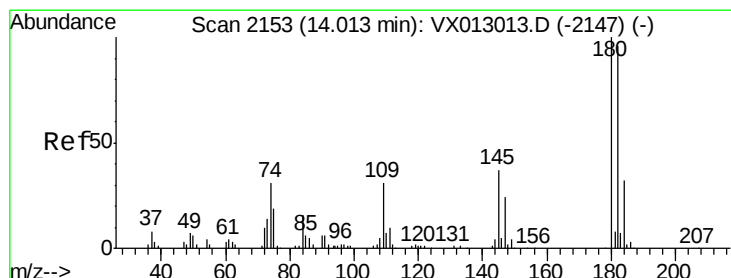
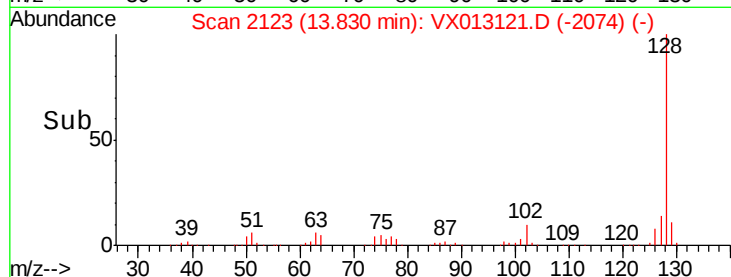
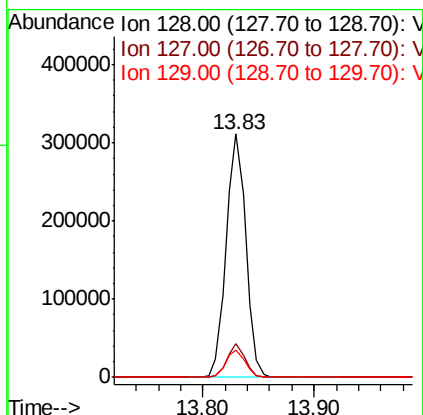
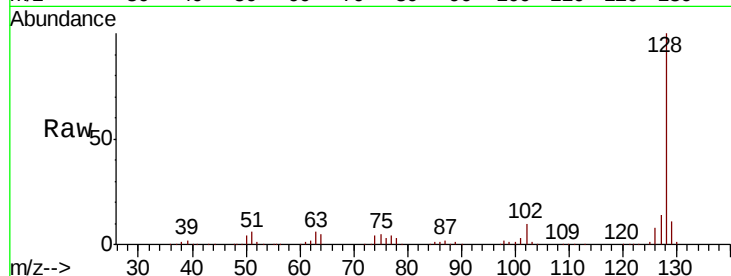




#95
Naphthalene
Concen: 49.851 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013121.D
Acq: 17 Oct 2019 20:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 379248
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 50.277 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX013121.D
Acq: 17 Oct 2019 20:37

Tgt Ion:180 Resp: 114022
Ion Ratio Lower Upper
180 100
182 97.5 47.5 142.5
145 33.7 17.4 52.3

